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Cover Page

Order ID : Q2639

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
Q2639-01	OU4-TS-38-071725
Q2639-02	OU4-TS-38-071725
Q2639-03	OU4-TS-39-071725
Q2639-04	OU4-TS-39-071725
Q2639-05	OU4-TS-40-071725
Q2639-06	OU4-TS-40-071725
Q2639-07	OU4-TS-41-071725
Q2639-08	OU4-TS-41-071725
Q2639-09	OU4-TS-42-071725
Q2639-10	OU4-TS-42-071725
Q2639-11	OU4-TS-43-071725
Q2639-12	OU4-TS-43-071725
Q2639-13	OU4-TS-44-071725
Q2639-14	OU4-TS-44-071725

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: 7/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Order ID # Q2639
Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 07/18/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS 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 df.. The 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-GGA. The analysis of SVOCMS Group3 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for OU4-TS-38-071725 [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 38%], OU4-TS-38-071725RE [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 37%], Sample reanalyzed to confirm the failure and both run reported while RT2286MS [Terphenyl-d14 - 44%], RT2286MSD [Terphenyl-d14 - 43%],OU4-TS-39-071725 [Terphenyl-d14 - 44%], OU4-TS-40-071725 [Terphenyl-d14 - 52%], OU4-TS-42-071725 [Terphenyl-d14 - 48%], OU4-TS-43-071725 [Terphenyl-d14 - 53%], OU4-TS-44-071725 [Terphenyl-d14 - 41%] and OU4-TS-44-071725 [Terphenyl-d14 - 39%],One base surrogate is allowed to fail as per SOP, therefor no further corrective action was taken.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2635-01MS} with File ID: BF143180.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[133%],due to matrix interference.

The MSD {Q2635-01MSD} with File ID: BF143181.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[133%], Fluoranthene[133%],due to matrix interference.

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The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the Requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
As per special requirement for this project form-1 are reported in mg/kg.
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The not QT review data is reported in the Miscellaneous.
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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

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

ORDER ID: Q2639 MATRIX: Solid

METHOD: 8270E/3541

		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 were met for all analysis except for OU4-TS-38-071725 [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 38%], OU4-TS-38-071725RE [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 37%], Sample reanalyzed to confirm the failure and both run reported.RT2286MS [Terphenyl-d14 - 44%], RT2286MSD [Terphenyl-d14 - 43%],OU4-TS-39-071725 [Terphenyl-d14 - 44%], OU4-TS-40-071725 [Terphenyl-d14 - 52%], OU4-TS-42-071725 [Terphenyl-d14 - 48%], OU4-TS-43-071725 [Terphenyl-d14 - 53%], OU4-TS-44-071725 [Terphenyl-d14 - 41%] and OU4-TS-44-071725 [Terphenyl-d14 - 39%], One base surrogate is allowed to fail as per SOP, therefor no furthercorrective action was taken.			

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

		NA	NO	YES
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 {Q2635-01MS} with File ID: BF143180.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[133%],due to matrix interference.			
	The MSD {Q2635-01MSD} with File ID: BF143181.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[133%], Fluoranthene[133%],due to matrix interference.			
	The Blank Spike met requirements for all compounds.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas were met for all analysis.			
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:

As per special requirement for this project form-1 are reported in mg/kg.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The not QT review data is reported in the Miscellaneous.

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.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2639**

	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:** **07/28/2025**

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LAB CHRONICLE

OrderID:	Q2639	**OrderDate:**	7/18/2025 10:22:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	**OU4-TS-38-071725**	**SOIL**			**07/17/25**			**07/18/25**
			SVOCMS Group3	8270E		07/21/25	07/23/25	
Q2639-01RE	**OU4-TS-38-071725RE**	**SOIL**			**07/17/25**			**07/18/25**
			SVOCMS Group3	8270E		07/21/25	07/23/25	
Q2639-03	**OU4-TS-39-071725**	**SOIL**			**07/17/25**			**07/18/25**
			SVOCMS Group3	8270E		07/21/25	07/22/25	
Q2639-05	**OU4-TS-40-071725**	**SOIL**			**07/17/25**			**07/18/25**
			SVOCMS Group3	8270E		07/21/25	07/22/25	
Q2639-07	**OU4-TS-41-071725**	**SOIL**			**07/17/25**			**07/18/25**
			SVOCMS Group3	8270E		07/21/25	07/22/25	
Q2639-09	**OU4-TS-42-071725**	**SOIL**			**07/17/25**			**07/18/25**
			SVOCMS Group3	8270E		07/21/25	07/22/25	
Q2639-11	**OU4-TS-43-071725**	**SOIL**			**07/17/25**			**07/18/25**
			SVOCMS Group3	8270E		07/21/25	07/22/25	
Q2639-13	**OU4-TS-44-071725**	**SOIL**			**07/17/25**			**07/18/25**
			SVOCMS Group3	8270E		07/21/25	07/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2639

Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	**OU4-TS-38-071725**								
Q2639-01	OU4-TS-38-071725	SOIL	Fluoranthene	0.200	J	0.037	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Pyrene	0.250		0.045	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Benzo(a)anthracene	0.180	J	0.029	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Chrysene	0.210		0.025	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Benzo(b)fluoranthene	0.240		0.024	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Benzo(a)pyrene	0.200	J	0.037	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.110	J	0.036	0.16	0.21	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Benzo(g,h,i)perylene	0.140	J	0.032	0.16	0.21	mg/Kg
			Total Svoc :	**1.53**					
			Total Concentration:	**1.53**					
Client ID :	**OU4-TS-38-071725RE**								
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Acenaphthylene	0.083	J	0.036	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Fluoranthene	0.210		0.037	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Pyrene	0.250		0.045	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(a)anthracene	0.170	J	0.029	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Chrysene	0.220		0.025	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(b)fluoranthene	0.230		0.024	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(k)fluoranthene	0.089	J	0.028	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(a)pyrene	0.210		0.037	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Indeno(1,2,3-cd)pyrene	0.120	J	0.036	0.16	0.21	mg/Kg
Q2639-01RE	OU4-TS-38-071725RE	SOIL	Benzo(g,h,i)perylene	0.150	J	0.032	0.16	0.21	mg/Kg
			Total Svoc :	**1.73**					
			Total Concentration:	**1.73**					
Client ID :	**OU4-TS-39-071725**								
Q2639-03	OU4-TS-39-071725	SOIL	Acenaphthylene	0.097	J	0.036	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Fluoranthene	0.230		0.037	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Pyrene	0.300		0.044	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(a)anthracene	0.210		0.028	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Chrysene	0.250		0.025	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(b)fluoranthene	0.280		0.023	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(k)fluoranthene	0.088	J	0.028	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(a)pyrene	0.250		0.036	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.140	J	0.036	0.16	0.21	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Benzo(g,h,i)perylene	0.170	J	0.032	0.16	0.21	mg/Kg
			Total Svoc :	**2.02**					
			Total Concentration:	**2.02**					

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Hit Summary Sheet
SW-846

SDG No.: Q2639

Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	**OU4-TS-40-071725**								
Q2639-05	OU4-TS-40-071725	SOIL	Acenaphthylene	0.120	J	0.036	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Phenanthrene	0.130	J	0.026	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Anthracene	0.088	J	0.041	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Fluoranthene	0.330		0.037	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Pyrene	0.450		0.045	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(a)anthracene	0.300		0.029	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Chrysene	0.350		0.025	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(b)fluoranthene	0.350		0.024	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(k)fluoranthene	0.120	J	0.028	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(a)pyrene	0.320		0.037	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.170	J	0.036	0.16	0.21	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Benzo(g,h,i)perylene	0.210		0.032	0.16	0.21	mg/Kg
			Total Svoc :	**2.94**					
			Total Concentration:	**2.94**					
Client ID :	**OU4-TS-41-071725**								
Q2639-07	OU4-TS-41-071725	SOIL	Acenaphthylene	0.120	J	0.035	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Phenanthrene	0.120	J	0.026	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Fluoranthene	0.310		0.037	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Pyrene	0.410		0.044	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(a)anthracene	0.270		0.028	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Chrysene	0.320		0.024	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(b)fluoranthene	0.340		0.023	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(k)fluoranthene	0.130	J	0.027	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(a)pyrene	0.320		0.036	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Indeno(1,2,3-cd)pyrene	0.170	J	0.036	0.16	0.21	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Benzo(g,h,i)perylene	0.220		0.031	0.16	0.21	mg/Kg
			Total Svoc :	**2.73**					
			Total Concentration:	**2.73**					
Client ID :	**OU4-TS-42-071725**								
Q2639-09	OU4-TS-42-071725	SOIL	Benzo(b)fluoranthene	0.120	J	0.031	0.22	0.28	mg/Kg
			Total Svoc :	**0.12**					
			Total Concentration:	**0.12**					
Client ID :	**OU4-TS-43-071725**								
Q2639-11	OU4-TS-43-071725	SOIL	Benzo(b)fluoranthene	0.130	J	0.033	0.22	0.29	mg/Kg
			Total Svoc :	**0.13**					
			Total Concentration:	**0.13**					



QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q2639

Client: Nobis Group

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168929BL	PB168929BL	Nitrobenzene-d5	100	78.2	78		37	122
		2-Fluorobiphenyl	100	73.5	73		44	115
		Terphenyl-d14	100	80.0	80		54	127
PB168929BS	PB168929BS	Nitrobenzene-d5	100	77.9	78		37	122
		2-Fluorobiphenyl	100	71.0	71		44	115
		Terphenyl-d14	100	78.7	79		54	127
Q2635-01MS	RT2286MS	Nitrobenzene-d5	100	56.5	56		37	122
		2-Fluorobiphenyl	100	52.0	52		44	115
		Terphenyl-d14	100	44.2	44	*	54	127
Q2635-01MSD	RT2286MSD	Nitrobenzene-d5	100	57.7	58		37	122
		2-Fluorobiphenyl	100	52.8	53		44	115
		Terphenyl-d14	100	43.1	43	*	54	127
Q2639-01	OU4-TS-38-071725	Nitrobenzene-d5	100	37.9	38		37	122
		2-Fluorobiphenyl	100	37.0	37	*	44	115
		Terphenyl-d14	100	38.5	38	*	54	127
Q2639-01RE	OU4-TS-38-071725RE	Nitrobenzene-d5	100	38.2	38		37	122
		2-Fluorobiphenyl	100	37.2	37	*	44	115
		Terphenyl-d14	100	37.4	37	*	54	127
Q2639-03	OU4-TS-39-071725	Nitrobenzene-d5	100	43.5	43		37	122
		2-Fluorobiphenyl	100	44.9	45		44	115
		Terphenyl-d14	100	44.2	44	*	54	127
Q2639-05	OU4-TS-40-071725	Nitrobenzene-d5	100	50.2	50		37	122
		2-Fluorobiphenyl	100	52.2	52		44	115
		Terphenyl-d14	100	51.8	52	*	54	127
Q2639-07	OU4-TS-41-071725	Nitrobenzene-d5	100	53.9	54		37	122
		2-Fluorobiphenyl	100	54.5	54		44	115
		Terphenyl-d14	100	55.1	55		54	127
Q2639-09	OU4-TS-42-071725	Nitrobenzene-d5	100	51.4	51		37	122
		2-Fluorobiphenyl	100	49.3	49		44	115
		Terphenyl-d14	100	47.9	48	*	54	127
Q2639-11	OU4-TS-43-071725	Nitrobenzene-d5	100	57.6	58		37	122
		2-Fluorobiphenyl	100	55.2	55		44	115
		Terphenyl-d14	100	52.8	53	*	54	127
Q2639-13	OU4-TS-44-071725	Nitrobenzene-d5	100	49.4	49		37	122
		2-Fluorobiphenyl	100	49.0	49		44	115
		Terphenyl-d14	100	38.7	39	*	54	127

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2639 **Analytical Method:** SW8270E

Client: Nobis Group **DataFile:** BF143180.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2635-01MS		**Client Sample ID: RT2286MS**									
Naphthalene	1200	0	1000	ug/Kg	83				35	123	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				38	122	
Acenaphthylene	1200	0	1000	ug/Kg	83				32	132	
Acenaphthene	1200	0	1100	ug/Kg	92				40	123	
Fluorene	1200	0	1000	ug/Kg	83				43	125	
Phenanthrene	1200	0	1300	ug/Kg	108				50	121	
Anthracene	1200	0	1100	ug/Kg	92				47	123	
Fluoranthene	1200	0	1500	ug/Kg	125				50	127	
Pyrene	1200	0	1400	ug/Kg	117				47	127	
Benzo(a)anthracene	1200	0	1300	ug/Kg	108				49	126	
Chrysene	1200	0	1300	ug/Kg	108				50	124	
Benzo(b)fluoranthene	1200	0	1600	ug/Kg	133	*			45	132	
Benzo(k)fluoranthene	1200	0	1200	ug/Kg	100				47	132	
Benzo(a)pyrene	1200	0	1300	ug/Kg	108				45	129	
Indeno(1,2,3-cd)pyrene	1200	0	840	ug/Kg	70				45	133	
Dibenz(a,h)anthracene	1200	0	730	ug/Kg	61				45	134	
Benzo(g,h,i)perylene	1200	0	850	ug/Kg	71				43	134	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2639 **Analytical Method:** SW8270E

Client: Nobis Group **DataFile:** BF143181.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2635-01MSD		**Client Sample ID: RT2286MSD**									
Naphthalene	1200	0	1000	ug/Kg	83		0		35	123	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		38	122	20
Acenaphthylene	1200	0	1000	ug/Kg	83		0		32	132	20
Acenaphthene	1200	0	1100	ug/Kg	92		0		40	123	20
Fluorene	1200	0	1000	ug/Kg	83		0		43	125	20
Phenanthrene	1200	0	1300	ug/Kg	108		0		50	121	20
Anthracene	1200	0	1100	ug/Kg	92		0		47	123	20
Fluoranthene	1200	0	1600	ug/Kg	133	*	6		50	127	20
Pyrene	1200	0	1300	ug/Kg	108		8		47	127	20
Benzo(a)anthracene	1200	0	1300	ug/Kg	108		0		49	126	20
Chrysene	1200	0	1300	ug/Kg	108		0		50	124	20
Benzo(b)fluoranthene	1200	0	1600	ug/Kg	133	*	0		45	132	20
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		8		47	132	20
Benzo(a)pyrene	1200	0	1300	ug/Kg	108		0		45	129	20
Indeno(1,2,3-cd)pyrene	1200	0	810	ug/Kg	68		3		45	133	20
Dibenz(a,h)anthracene	1200	0	710	ug/Kg	59		3		45	134	20
Benzo(g,h,i)perylene	1200	0	830	ug/Kg	69		3		43	134	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2639 **Analytical Method:** 8270E

Client: Nobis Group **DataFile:** BF143212.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168929BS	Naphthalene	1700	1400	ug/Kg	82				35	123	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				38	122	
	Acenaphthylene	1700	1400	ug/Kg	82				32	132	
	Acenaphthene	1700	1500	ug/Kg	88				40	123	
	Fluorene	1700	1400	ug/Kg	82				43	125	
	Phenanthrene	1700	1400	ug/Kg	82				50	121	
	Anthracene	1700	1400	ug/Kg	82				47	123	
	Fluoranthene	1700	1500	ug/Kg	88				50	127	
	Pyrene	1700	1500	ug/Kg	88				47	127	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				49	126	
	Chrysene	1700	1400	ug/Kg	82				50	124	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				45	132	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				47	132	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				45	129	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				45	133	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				45	134	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				43	134	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168929BL

Lab Name: Alliance | Contract: NOBI03

Lab Code: ACE | SDG NO.: Q2639

Lab File ID: BF143178.D | Lab Sample ID: PB168929BL

Instrument ID: BNA_F | Date Extracted: 07/21/2025

Matrix: (soil/water) SOIL | Date Analyzed: 07/22/2025

Level: (low/med) LOW | Time Analyzed: 09:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RT2286MS	Q2635-01MS	BF143180.D	07/22/2025
RT2286MSD	Q2635-01MSD	BF143181.D	07/22/2025
PB168929BS	PB168929BS	BF143212.D	07/23/2025
OU4-TS-39-071725	Q2639-03	BP025209.D	07/22/2025
OU4-TS-40-071725	Q2639-05	BP025210.D	07/22/2025
OU4-TS-41-071725	Q2639-07	BP025211.D	07/22/2025
OU4-TS-42-071725	Q2639-09	BP025212.D	07/22/2025
OU4-TS-43-071725	Q2639-11	BP025213.D	07/22/2025
OU4-TS-38-071725	Q2639-01	BP025222.D	07/23/2025
OU4-TS-44-071725	Q2639-13	BP025223.D	07/23/2025

COMMENTS:

Raw Data: **BF143138.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BF143138.D DFTPP Injection Date: 07/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100.0
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
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
SSTDICC2.5	SSTDICC2.5	BF143140.D	07/17/2025	11:04
SSTDICC005	SSTDICC005	BF143141.D	07/17/2025	11:34
SSTDICC010	SSTDICC010	BF143142.D	07/17/2025	12:04
SSTDICC020	SSTDICC020	BF143143.D	07/17/2025	12:34
SSTDICCC040	SSTDICCC040	BF143144.D	07/17/2025	13:03
SSTDICC050	SSTDICC050	BF143145.D	07/17/2025	13:33
SSTDICC060	SSTDICC060	BF143146.D	07/17/2025	14:04
SSTDICC080	SSTDICC080	BF143147.D	07/17/2025	14:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BF143176.D DFTPP Injection Date: 07/22/2025

Instrument ID: BNA_F DFTPP Injection Time: 07:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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	6.4
365	Greater than 1% of mass 198	4.0
441	Present, but less than mass 443	81.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 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
SSTDCCC040	SSTDCCC040	BF143177.D	07/22/2025	08:46
PB168929BL	PB168929BL	BF143178.D	07/22/2025	09:15
RT2286MS	Q2635-01MS	BF143180.D	07/22/2025	10:26
RT2286MSD	Q2635-01MSD	BF143181.D	07/22/2025	10:55
SSTDCCC040EC	SSTDCCC040	BF143187.D	07/22/2025	13:55

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: NOBI03

Lab Code: ACE — SDG NO.: Q2639

Lab File ID: BF143209.D — DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_F — DFTPP Injection Time: 13:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
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	6.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.8
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	BF143210.D	07/23/2025	14:33
PB168929BS	PB168929BS	BF143212.D	07/23/2025	15:31
SSTDCCC040EC	SSTDCCC040	BF143221.D	07/23/2025	19:54

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: NOBI03

Lab Code: ACE — SDG NO.: Q2639

Lab File ID: BP025194.D — DFTPP Injection Date: 07/21/2025

Instrument ID: BNA_P — DFTPP Injection Time: 13:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	80.1
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	18.5 (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
SSTDICC2.5	SSTDICC2.5	BP025196.D	07/21/2025	14:25
SSTDICC005	SSTDICC005	BP025197.D	07/21/2025	15:06
SSTDICC010	SSTDICC010	BP025198.D	07/21/2025	15:47
SSTDICC020	SSTDICC020	BP025199.D	07/21/2025	16:29
SSTDICCC040	SSTDICCC040	BP025200.D	07/21/2025	17:10
SSTDICC050	SSTDICC050	BP025201.D	07/21/2025	17:51
SSTDICC060	SSTDICC060	BP025202.D	07/21/2025	18:32
SSTDICC080	SSTDICC080	BP025203.D	07/21/2025	19:14

Raw Data: **BP025206.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BP025206.D DFTPP Injection Date: 07/22/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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	7
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	77.1
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	18.6 (19.8) 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	BP025207.D	07/22/2025	09:45
OU4-TS-39-071725	Q2639-03	BP025209.D	07/22/2025	11:10
OU4-TS-40-071725	Q2639-05	BP025210.D	07/22/2025	11:51
OU4-TS-41-071725	Q2639-07	BP025211.D	07/22/2025	12:32
OU4-TS-42-071725	Q2639-09	BP025212.D	07/22/2025	13:14
OU4-TS-43-071725	Q2639-11	BP025213.D	07/22/2025	13:55
SSTDCCC040EC	SSTDCCC040	BP025217.D	07/22/2025	16:47

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: NOBI03

Lab Code: ACE — SDG NO.: Q2639

Lab File ID: BP025218.D — DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_P — DFTPP Injection Time: 10:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100.0
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	17.4 (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
SSTDCCC040	SSTDCCC040	BP025219.D	07/23/2025	11:22
OU4-TS-38-071725	Q2639-01	BP025222.D	07/23/2025	13:28
OU4-TS-44-071725	Q2639-13	BP025223.D	07/23/2025	14:09
SSTDCCC040EC	SSTDCCC040	BP025226.D	07/23/2025	16:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BP025227.D DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_P DFTPP Injection Time: 16:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100.0
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	80.8
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	BP025228.D	07/23/2025	18:16
OU4-TS-38-071725RE	Q2639-01RE	BP025231.D	07/23/2025	20:20
SSTDCCC040EC	SSTDCCC040	BP025233.D	07/23/2025	21:42

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BF143177.D Time Analyzed: 08:46

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	137586	6.963	540273	8.25	287067	10.00
	UPPER LIMIT	275172	7.463	1080550	8.745	574134	10.504
	LOWER LIMIT	68793	6.463	270137	7.745	143534	9.504
	EPA SAMPLE NO.						
01	RT2286MS	122637	6.96	483164	8.25	258898	10.00
02	RT2286MSD	136589	6.96	529762	8.25	274462	10.00
03	PB168929BL	144783	6.96	553185	8.24	297105	10.00

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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BF143177.D Time Analyzed: 08:46

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	481775	11.486	251217	14.127	256275	15.633
	UPPER LIMIT	963550	11.986	502434	14.627	512550	16.133
	LOWER LIMIT	240888	10.986	125609	13.627	128138	15.133
	EPA SAMPLE NO.						
01	RT2286MS	420723	11.49	277520	14.13	250625	15.63
02	RT2286MSD	414650	11.49	276295	14.13	228694	15.64
03	PB168929BL	537789	11.49	319412	14.12	277367	15.63

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

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	97351	6.963	364498	8.25	187438	10.00
	UPPER LIMIT	194702	7.463	728996	8.745	374876	10.498
	LOWER LIMIT	48675.5	6.463	182249	7.745	93719	9.498
	EPA SAMPLE NO.						
01	PB168929BS	127346	6.96	497233	8.25	269042	10.00

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

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	309922	11.486	228057	14.121	245226	15.627
	UPPER LIMIT	619844	11.986	456114	14.621	490452	16.127
	LOWER LIMIT	154961	10.986	114029	13.621	122613	15.127
	EPA SAMPLE NO.						
01	PB168929BS	457175	11.49	257414	14.13	259291	15.63

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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BP025207.D Time Analyzed: 09:45

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	518495	7.425	2112480	10.17	1361960	14.07
	UPPER LIMIT	1036990	7.925	4224960	10.672	2723920	14.572
	LOWER LIMIT	259248	6.925	1056240	9.672	680980	13.572
	EPA SAMPLE NO.						
01	OU4-TS-39-071725	920177	7.43	3525500	10.17	2109530	14.07
02	OU4-TS-40-071725	870169	7.44	3344280	10.17	1975950	14.08
03	OU4-TS-41-071725	881585	7.43	3356750	10.18	2011980	14.08
04	OU4-TS-42-071725	904868	7.44	3462900	10.17	2059500	14.07
05	OU4-TS-43-071725	878548	7.43	3358650	10.18	2004270	14.07

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BP025207.D Time Analyzed: 09:45

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	2757840	16.889	3009910	21.336	3535260	24.442
	UPPER LIMIT	5515680	17.389	6019820	21.836	7070520	24.942
	LOWER LIMIT	1378920	16.389	1504960	20.836	1767630	23.942
	EPA SAMPLE NO.						
01	OU4-TS-39-071725	3961380	16.89	3833110	21.32	4465380	24.44
02	OU4-TS-40-071725	3638860	16.89	3558680	21.32	4138300	24.46
03	OU4-TS-41-071725	3659940	16.91	3519090	21.34	4080540	24.45
04	OU4-TS-42-071725	3779950	16.90	3553060	21.34	4178410	24.47
05	OU4-TS-43-071725	3663000	16.88	3467560	21.33	4001780	24.47

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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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025219.D Time Analyzed: 11:22

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	466387	7.437	1926820	10.18	1245960	14.08
	UPPER LIMIT	932774	7.937	3853640	10.678	2491920	14.578
	LOWER LIMIT	233194	6.937	963410	9.678	622980	13.578
	EPA SAMPLE NO.						
01	OU4-TS-38-071725	508416	7.44	2118130	10.18	1475610	14.08
02	OU4-TS-44-071725	635401	7.44	2349340	10.18	1282000	14.08

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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025219.D Time Analyzed: 11:22

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	2530830	16.901	2561120	21.336	3092370	24.471
	UPPER LIMIT	5061660	17.401	5122240	21.836	6184740	24.971
	LOWER LIMIT	1265420	16.401	1280560	20.836	1546190	23.971
	EPA SAMPLE NO.						
01	OU4-TS-38-071725	3006830	16.90	3038960	21.34	3598510	24.48
02	OU4-TS-44-071725	2536430	16.90	3032390	21.32	3690510	24.47

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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025228.D Time Analyzed: 18:16

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	475755	7.437	2010400	10.18	1363060	14.08
	UPPER LIMIT	951510	7.937	4020800	10.678	2726120	14.578
	LOWER LIMIT	237878	6.937	1005200	9.678	681530	13.578
	EPA SAMPLE NO.						
01	OU4-TS-38-071725RE	494228	7.43	1941060	10.17	1257970	14.08

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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025228.D Time Analyzed: 18:16

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	2867780	16.895	2918400	21.336	3385440	24.483
	UPPER LIMIT	5735560	17.395	5836800	21.836	6770880	24.983
	LOWER LIMIT	1433890	16.395	1459200	20.836	1692720	23.983
	EPA SAMPLE NO.						
01	OU4-TS-38-071725RE	2582910	16.89	2791400	21.33	3376000	24.47

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

Raw Data: **BP025222.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.6
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
BP025222.D	1	07/21/25 09:30	07/23/25 13:28	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.16	U	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.16	U	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.20	J	0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.25		0.045	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.18	J	0.029	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.21		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.24		0.024	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.16	U	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.20	J	0.037	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.11	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	J	0.032	0.16	0.21	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	37.9		37 - 122		38%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.0	*	44 - 115		37%	SPK: 100
1718-51-0	Terphenyl-d14	38.5	*	54 - 127		38%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	508000	7.437				
1146-65-2	Naphthalene-d8	2120000	10.178				
15067-26-2	Acenaphthene-d10	1480000	14.078				
1517-22-2	Phenanthrene-d10	3010000	16.895				
1719-03-5	Chrysene-d12	3040000	21.342				
1520-96-3	Perylene-d12	3600000	24.477				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **BP025222.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.6
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
BP025222.D	1	07/21/25 09:30	07/23/25 13:28	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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

Sample Results: **BP025222.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Quant Time: Jul 23 15:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	508416	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	2118134	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1475610	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	3006834	20.000	ng		0.00
76) Chrysene-d12	21.342	240	3038957	20.000	ng		0.02
86) Perylene-d12	24.477	264	3598510	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	1851354	61.527	ng		0.00
7) Phenol-d6	6.637	99	2411148	64.698	ng		0.00
23) Nitrobenzene-d5	8.560	82	1444714	37.905	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1372619	63.098	ng		0.00
45) 2-Fluorobiphenyl	12.672	172	3875609	37.028	ng		-0.01
79) Terphenyl-d14	19.660	244	5925338	38.489	ng		0.00
Target Compounds							Qvalue
75) Fluoranthene	19.042	202	940106	4.926	ng		99
78) Pyrene	19.425	202	1133511	6.049	ng		99
81) Benzo(a)anthracene	21.324	228	840170m	4.378	ng		
83) Chrysene	21.377	228	913415	5.099	ng		96
87) Indeno(1,2,3-cd)pyrene	27.989	276	731185	2.780	ng	#	97
88) Benzo(b)fluoranthene	23.483	252	1193321	5.793	ng	#	96
90) Benzo(a)pyrene	24.313	252	994520	4.949	ng		98
92) Benzo(g,h,i)perylene	29.083	276	731804	3.471	ng		96

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

Sample Results: **BP025222.D**

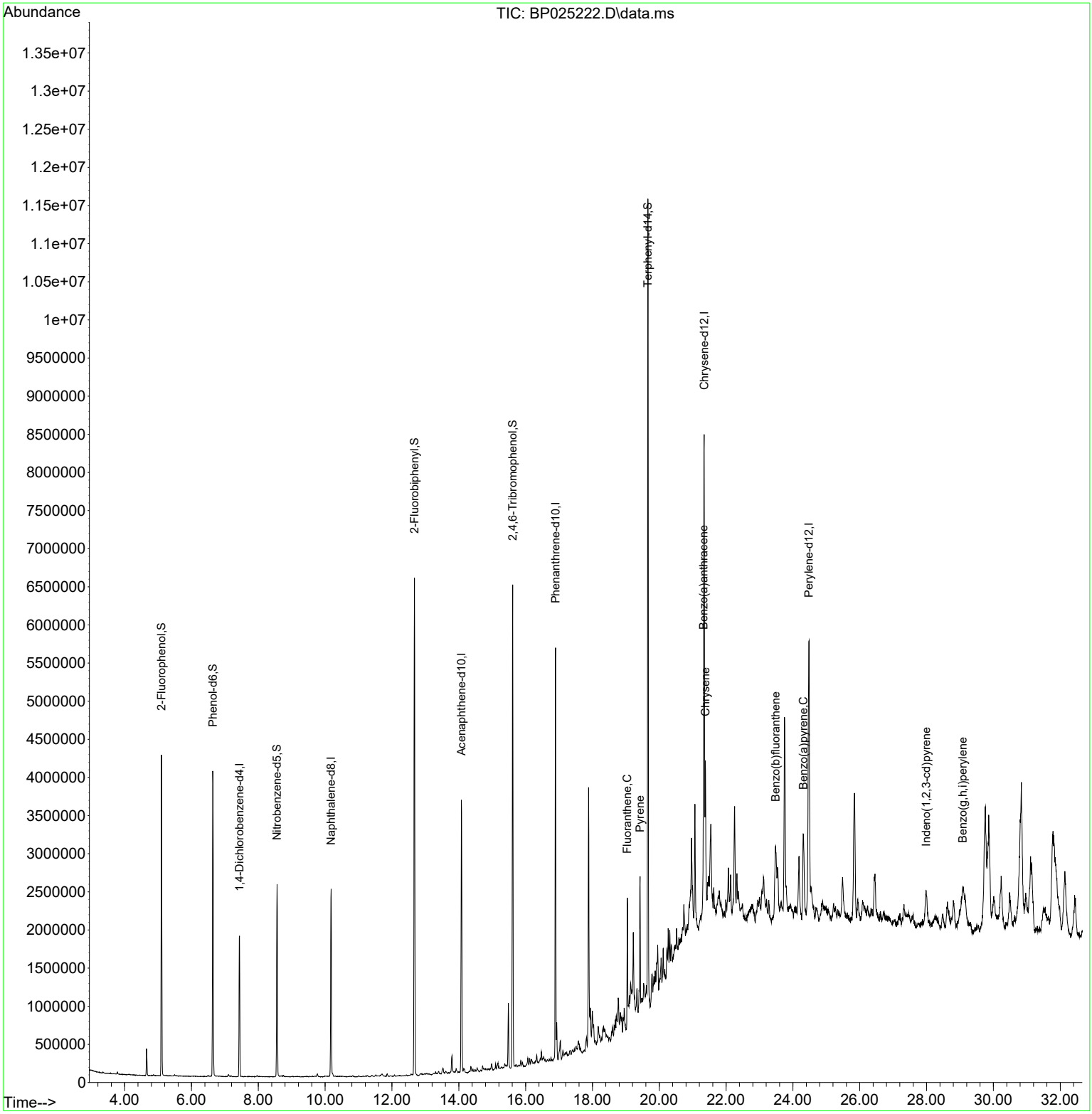
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

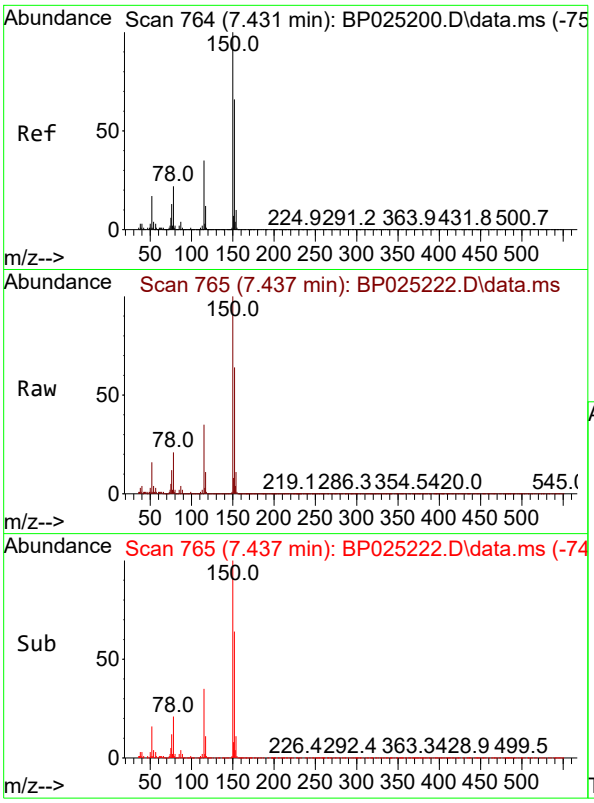
Quant Time: Jul 23 15:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

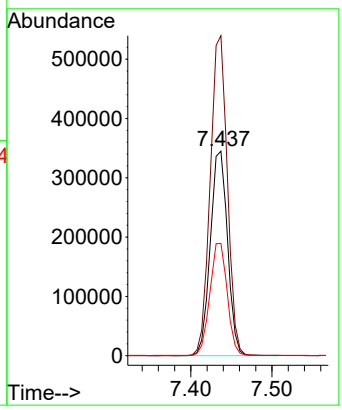




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7(
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:152 Resp: 50841(

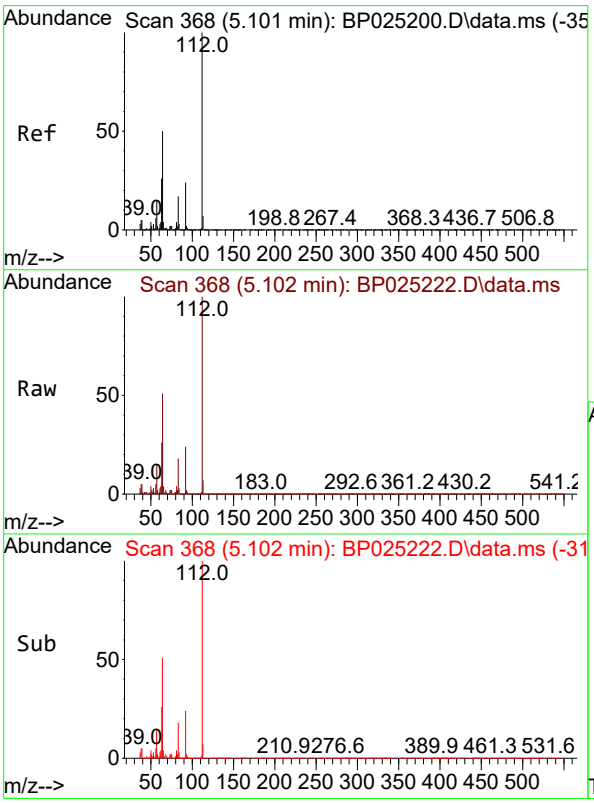
Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.9	182.9
115	55.0	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

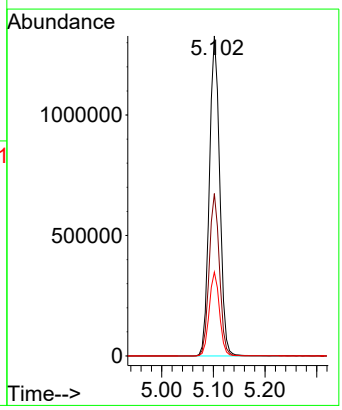
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

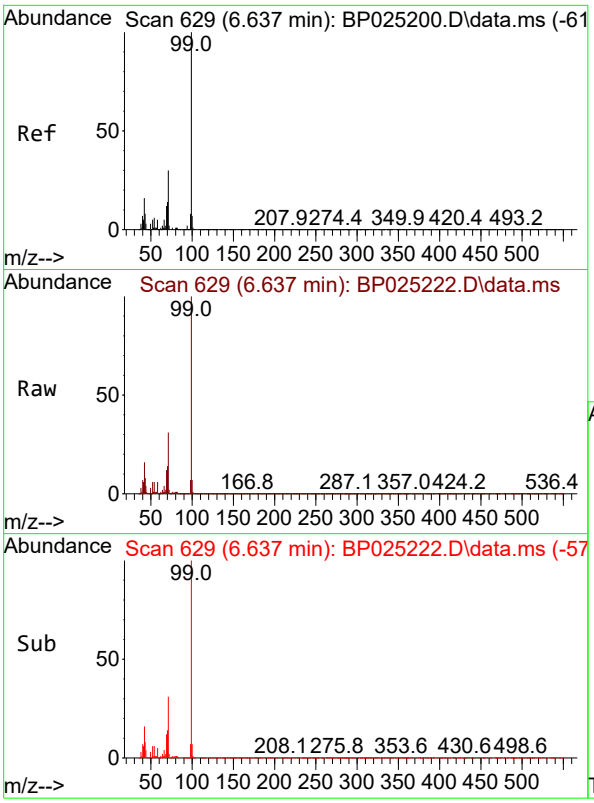


#5
2-Fluorophenol
Concen: 61.527 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:112 Resp: 1851354

Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.8	59.6
63	26.2	20.5	30.7

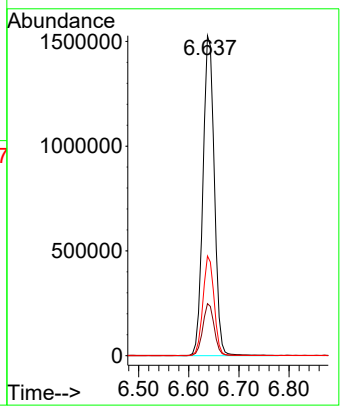




#7
Phenol-d6
Concen: 64.698 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion: 99 Resp: 241114

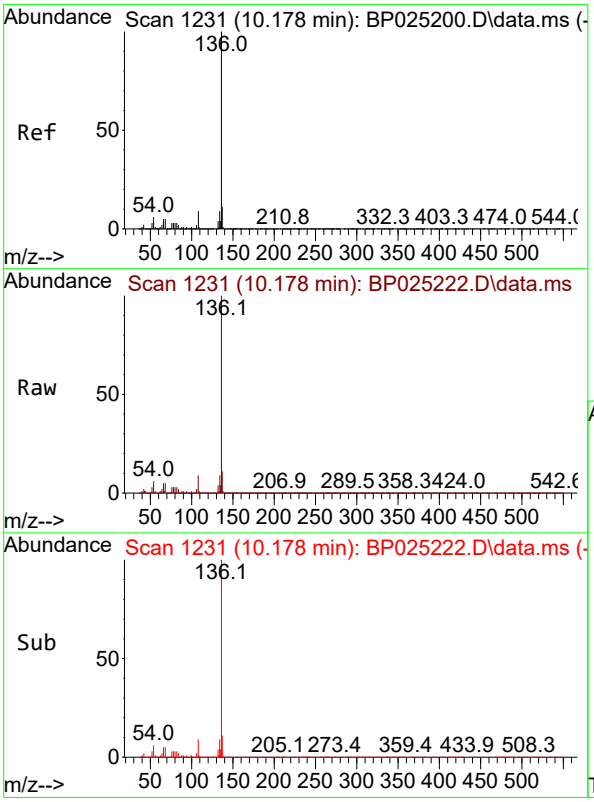
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	31.2	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

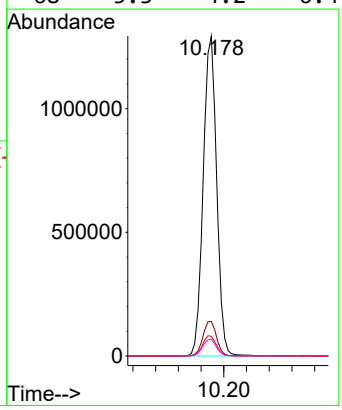
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

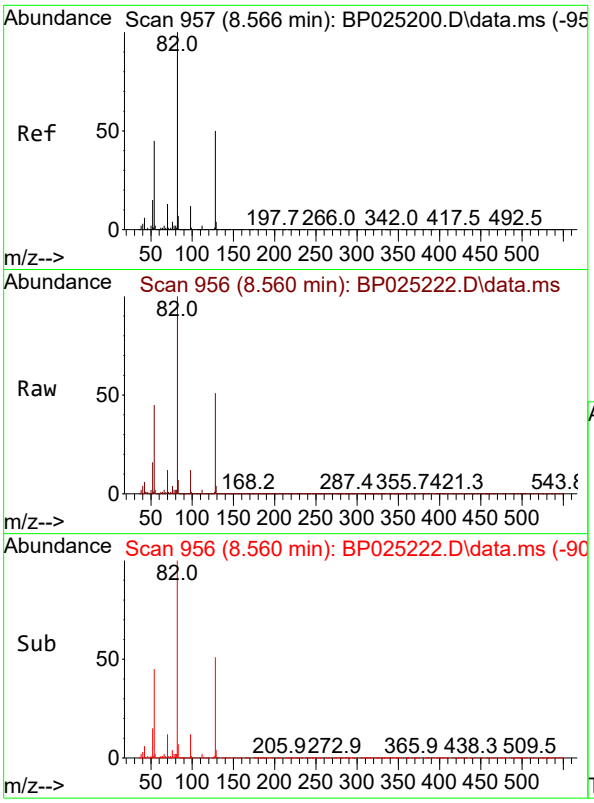


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:136 Resp: 2118134

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.2	5.1	7.7
68	5.3	4.2	6.4

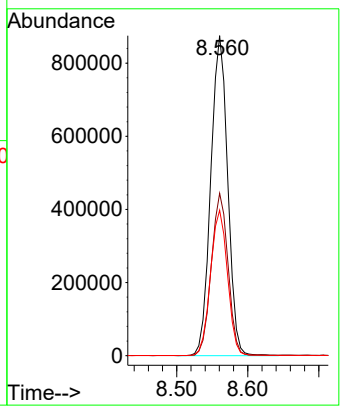




#23
Nitrobenzene-d5
Concen: 37.905 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion: 82 Resp: 144471

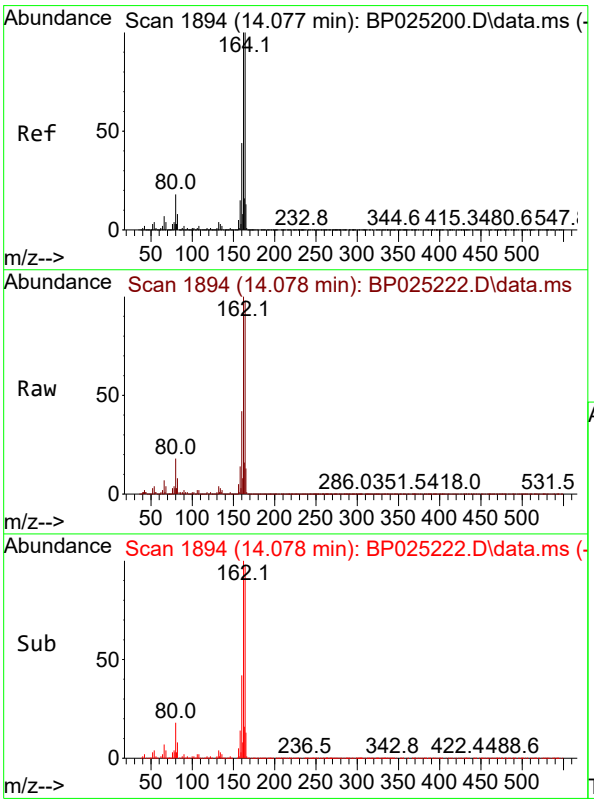
Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.2	60.4
54	45.4	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

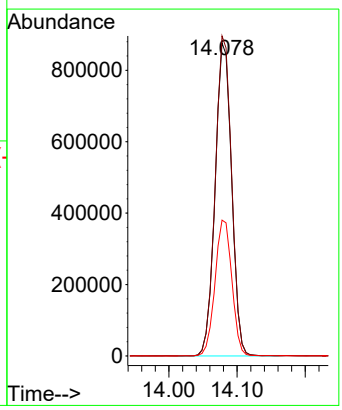
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

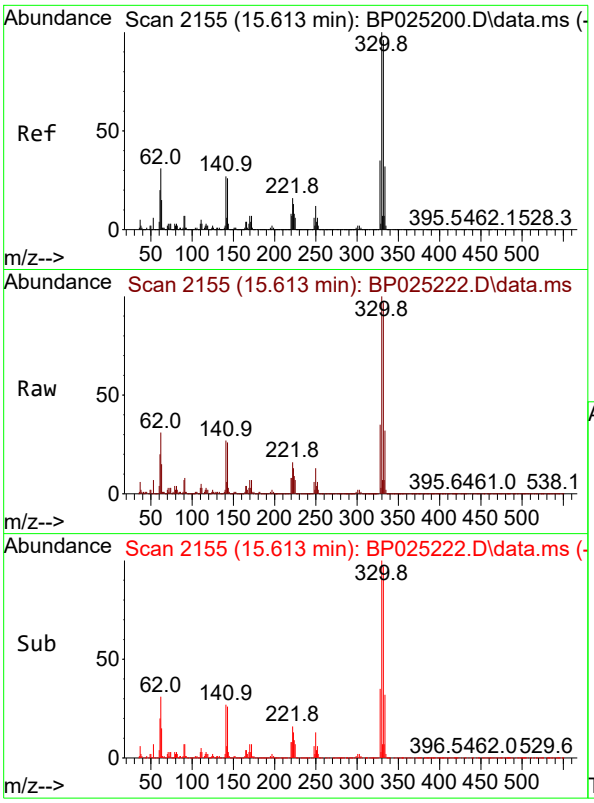


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:164 Resp: 1475610

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.3	120.5
160	43.4	35.7	53.5

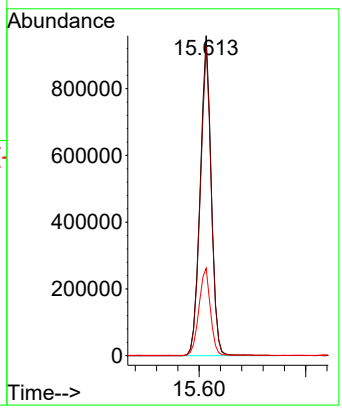




#42
2,4,6-Tribromophenol
Concen: 63.098 ng
RT: 15.613 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:330 Resp: 137261

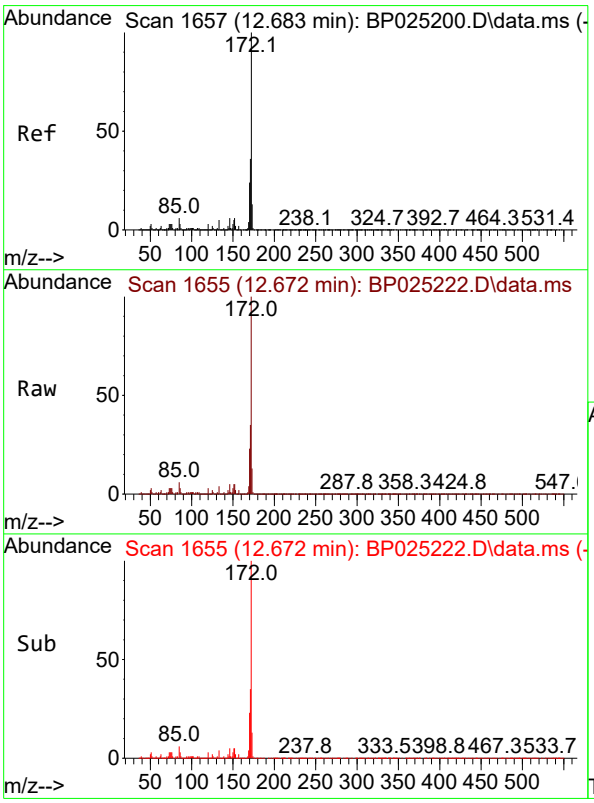
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	28.1	22.4	33.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

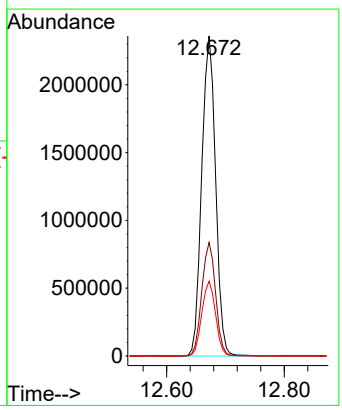
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

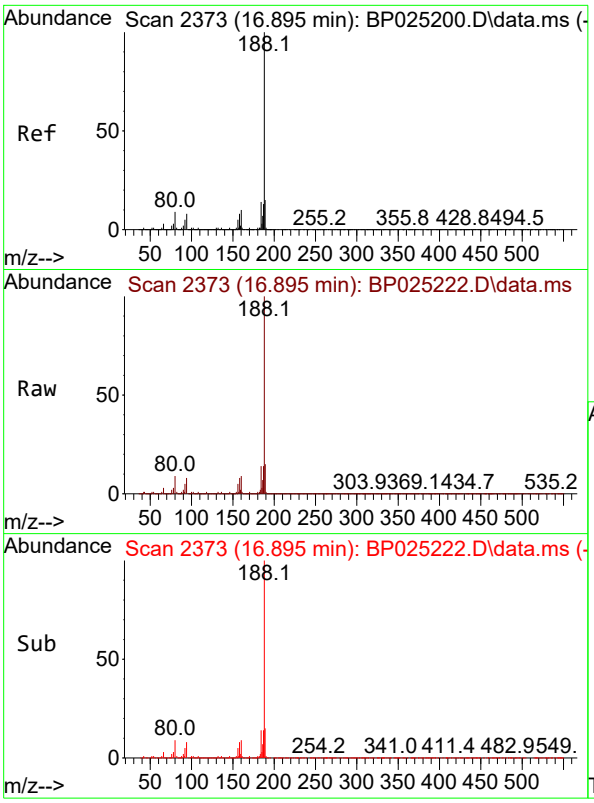


#45
2-Fluorobiphenyl
Concen: 37.028 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:172 Resp: 3875609

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.3	19.2	28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

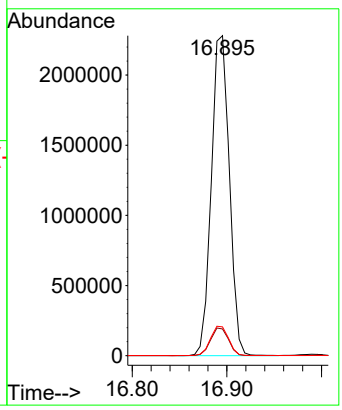
Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

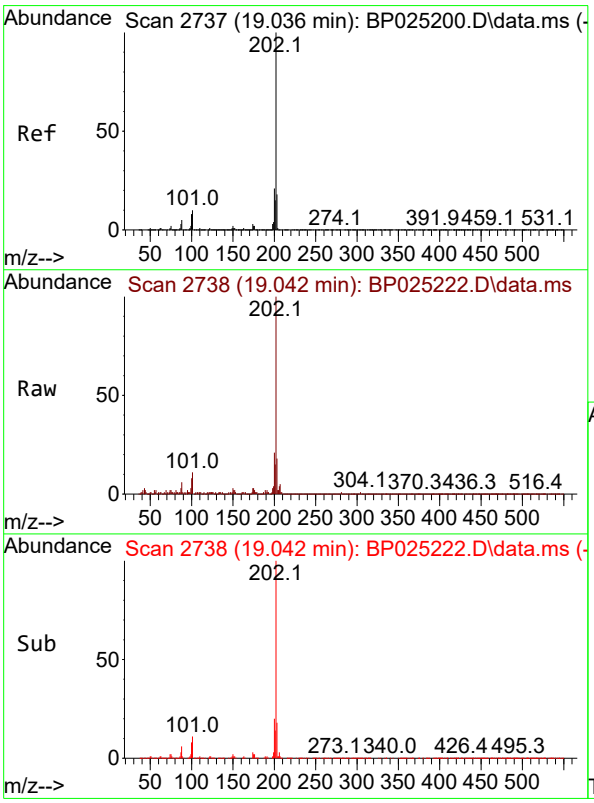
Tgt Ion:188 Resp: 300683

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	9.0	7.3	10.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

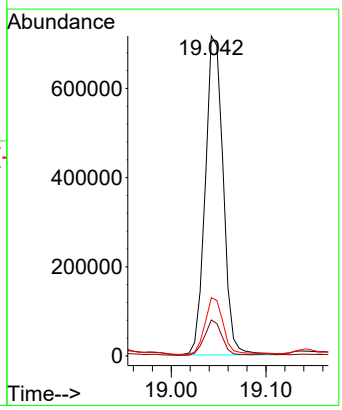


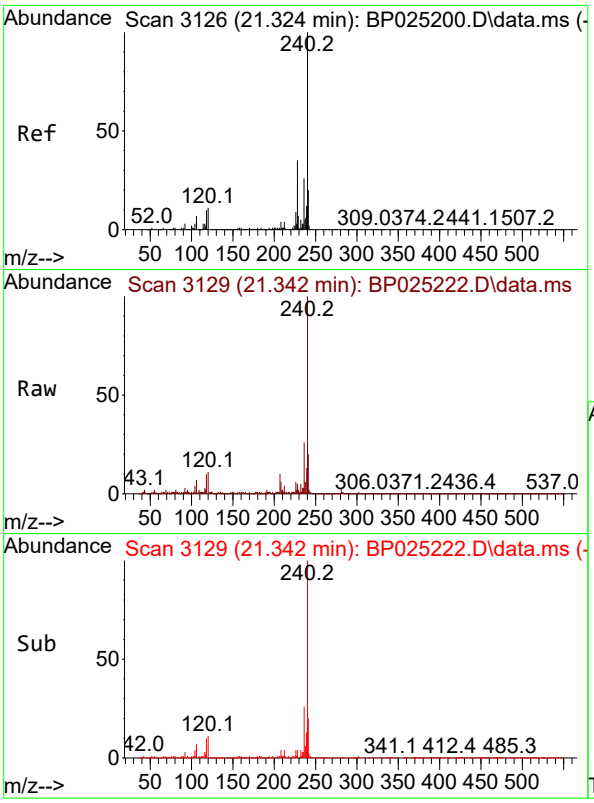


#75
Fluoranthene
Concen: 4.926 ng
RT: 19.042 min Scan# 2738
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:202 Resp: 940106

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.2	0.0	38.0

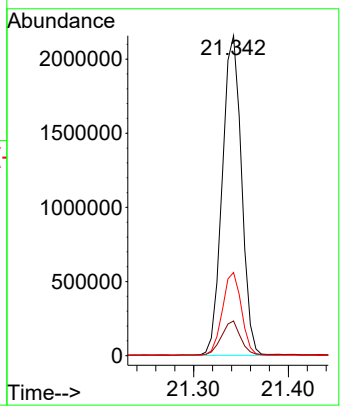




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:240 Resp: 303895

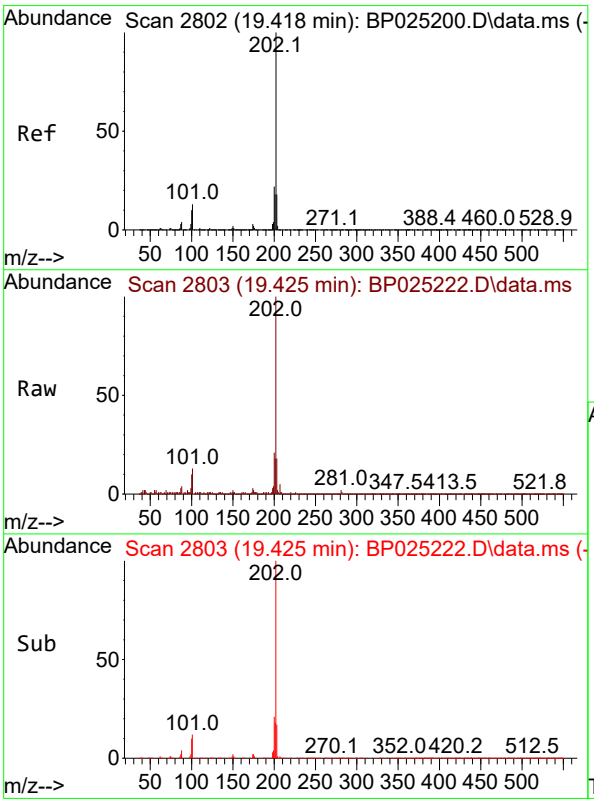
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	26.0	20.9	31.3



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

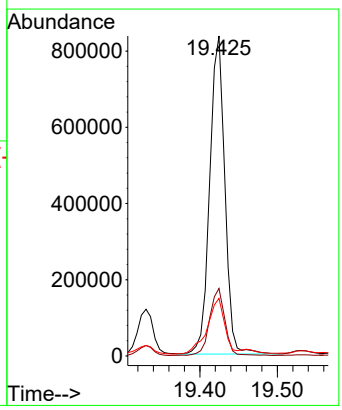
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

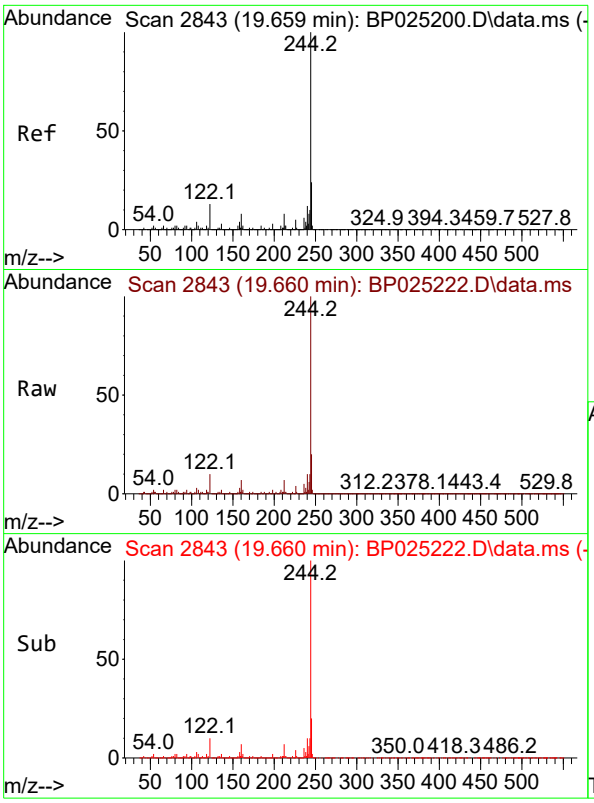


#78
Pyrene
Concen: 6.049 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:202 Resp: 1133511

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5

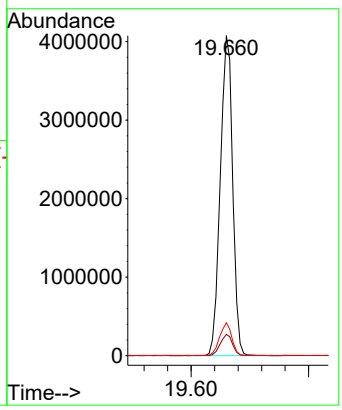




#79
Terphenyl-d14
Concen: 38.489 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:244 Resp: 592533

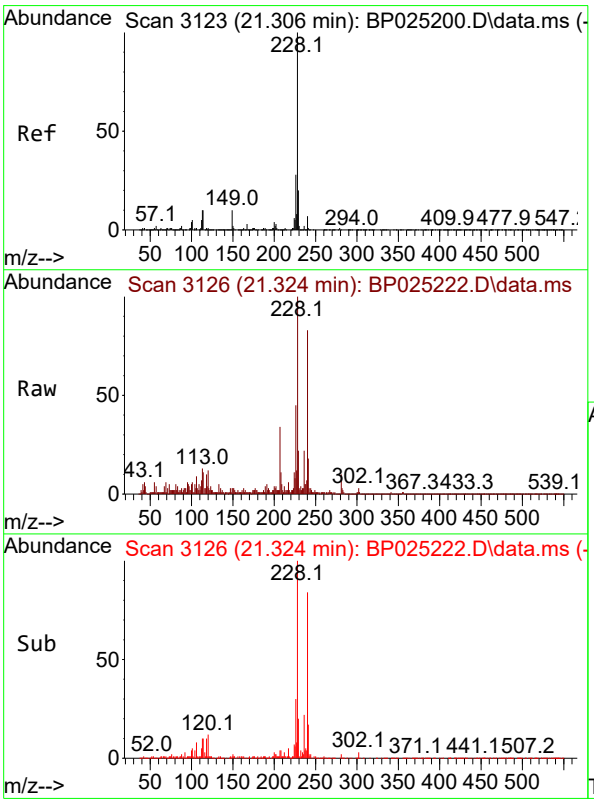
Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	9.8
122	10.3	10.3	15.5#



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

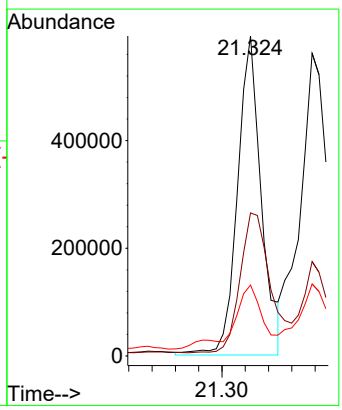
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

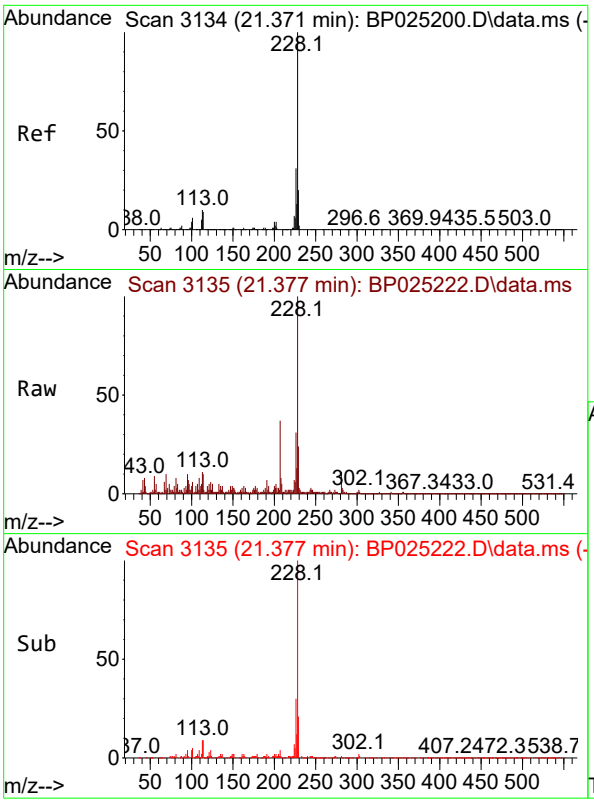


#81
Benzo(a)anthracene
Concen: 4.378 ng m
RT: 21.324 min Scan# 3126
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:228 Resp: 840170

Ion	Ratio	Lower	Upper
228	100		
226	44.7	22.3	33.5#
229	22.1	16.2	24.2

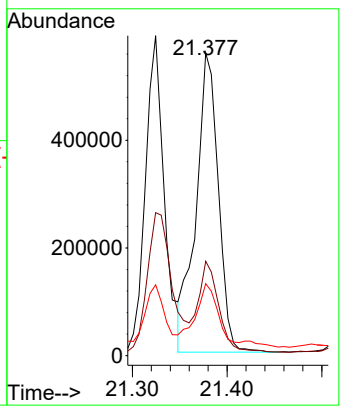




#83
Chrysene
Concen: 5.099 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:228 Resp: 91341

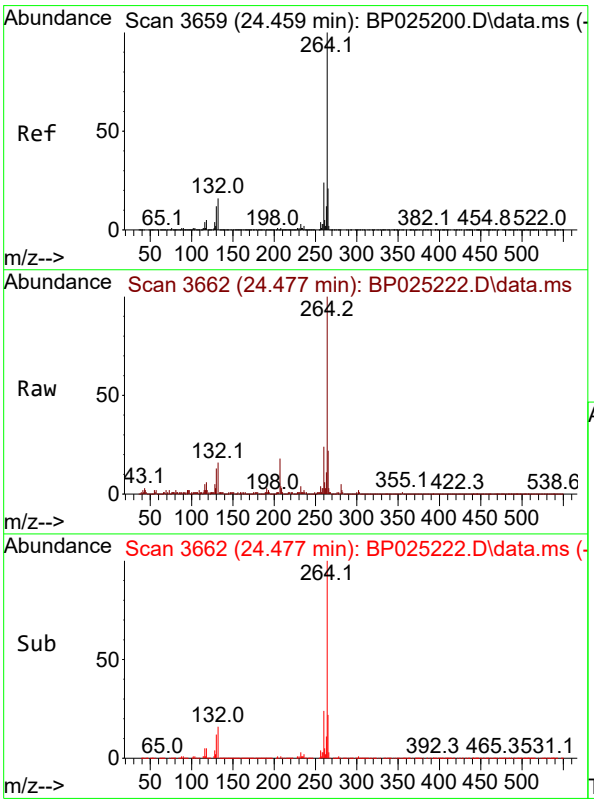
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	23.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

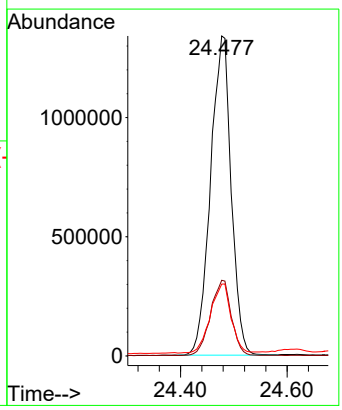
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

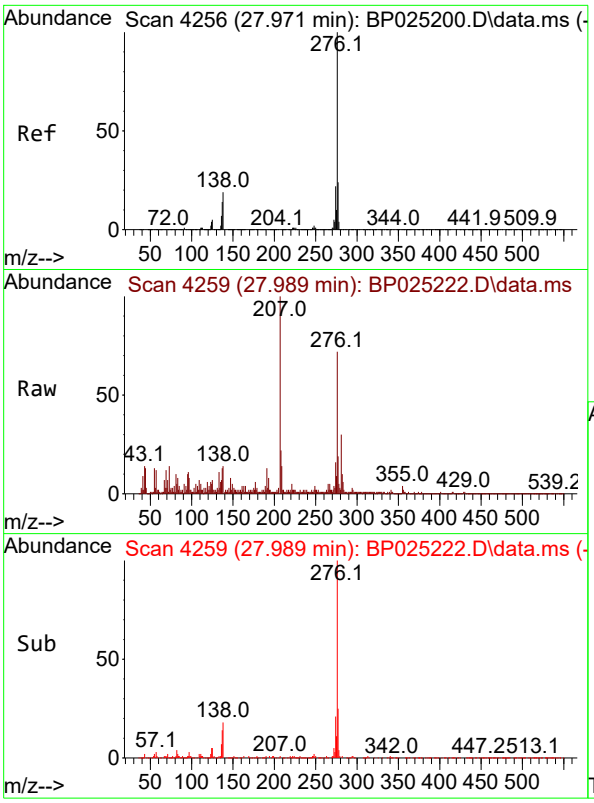


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3662
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:264 Resp: 3598510

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.4	17.5	26.3

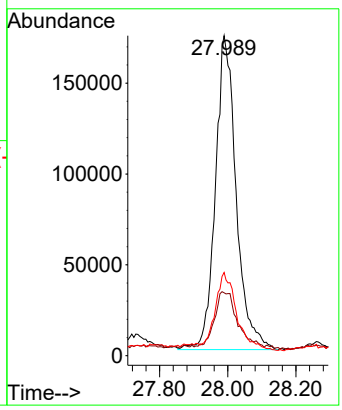




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.780 ng
RT: 27.989 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:276 Resp: 73118

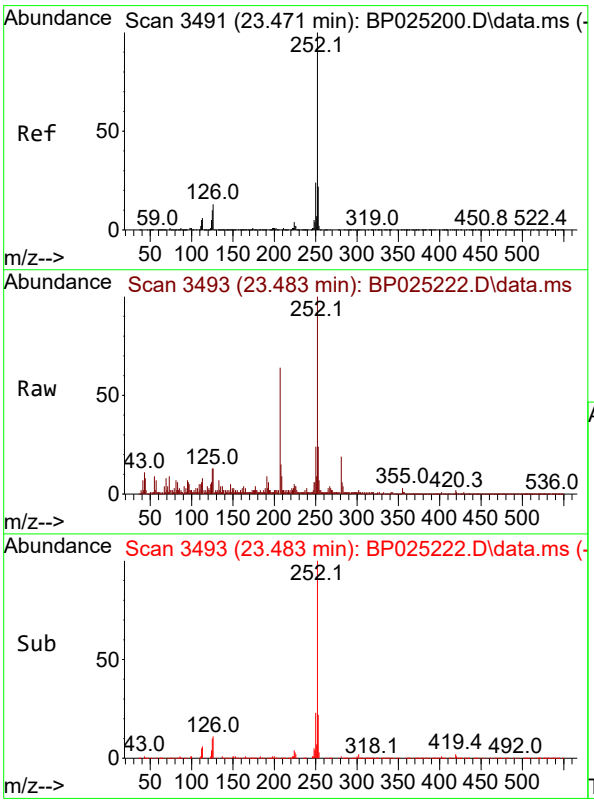
Ion	Ratio	Lower	Upper
276	100		
138	19.3	12.8	19.2#
277	25.7	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

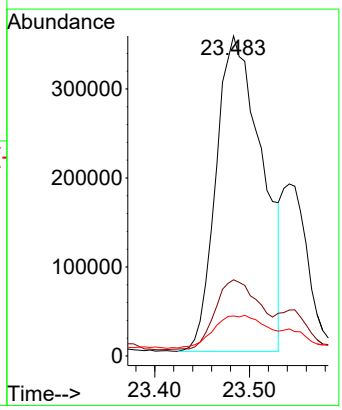
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

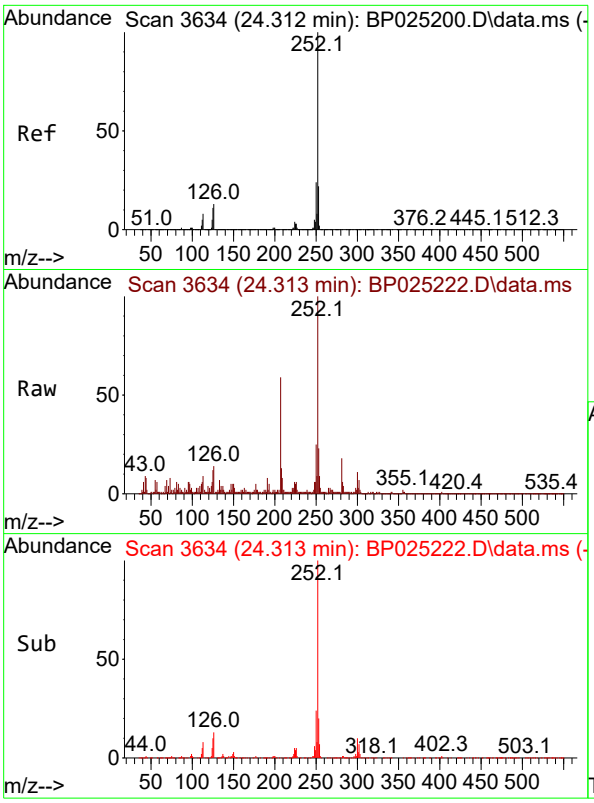


#88
Benzo(b)fluoranthene
Concen: 5.793 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:252 Resp: 1193321

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.5	7.8	11.8#

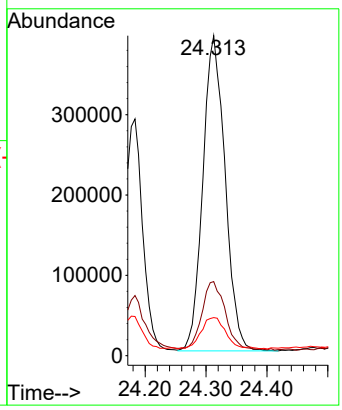




#90
Benzo(a)pyrene
Concen: 4.949 ng
RT: 24.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:252 Resp: 99452

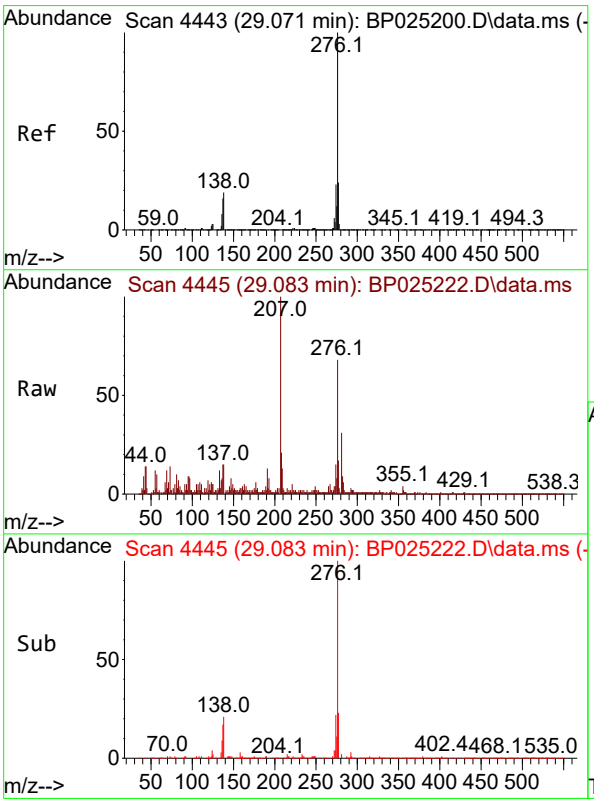
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.9	8.6	12.8



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Manual Integrations
APPROVED

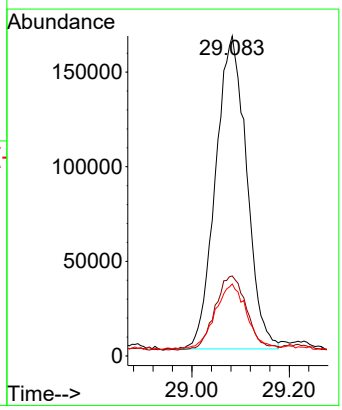
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 3.471 ng
RT: 29.083 min Scan# 4445
Delta R.T. 0.012 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:276 Resp: 731804

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	22.5	15.4	23.2



Sample Results: **BP025222.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025222.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.655	287	292	300	rVB	352649	486948	3.10%	0.380%
2	5.102	362	368	381	rBV	4207658	5829832	37.17%	4.547%
3	6.637	623	629	644	rVB	4000562	6350698	40.49%	4.953%
4	7.437	758	765	773	rBV	1842796	2726423	17.38%	2.126%
5	8.560	948	956	968	rBV	2516794	4173668	26.61%	3.255%
6	10.178	1223	1231	1237	rBV	2454727	4053727	25.85%	3.162%
7	12.672	1648	1655	1670	rVB	6523894	10727744	68.40%	8.367%
8	13.525	1791	1800	1807	rBV3	81251	224346	1.43%	0.175%
9	13.795	1840	1846	1855	rVB	218758	435494	2.78%	0.340%
10	14.078	1887	1894	1902	rBV	3568124	6054395	38.60%	4.722%
11	14.984	2043	2048	2056	rVB	83403	167784	1.07%	0.131%
12	15.172	2072	2080	2083	rBV	79957	164152	1.05%	0.128%
13	15.484	2127	2133	2142	rVB	851769	1287326	8.21%	1.004%
14	15.613	2148	2155	2163	rBV	6318785	9211122	58.73%	7.184%
15	16.895	2368	2373	2377	rBV2	5353529	7138691	45.52%	5.568%
16	16.931	2377	2379	2385	rVB	489934	546108	3.48%	0.426%
17	17.042	2388	2398	2403	rVB2	246710	626486	3.99%	0.489%
18	17.825	2523	2531	2534	rBV3	187076	465753	2.97%	0.363%
19	17.884	2534	2541	2548	rBV2	3396238	5496224	35.04%	4.287%
20	17.995	2556	2560	2564	rBV2	321771	537330	3.43%	0.419%
21	18.172	2587	2590	2599	rBV8	166352	316512	2.02%	0.247%
22	18.307	2610	2613	2615	rBV	125867	164397	1.05%	0.128%
23	18.713	2680	2682	2687	rBV5	162291	286233	1.83%	0.223%
24	18.772	2690	2692	2698	rVB2	356284	532056	3.39%	0.415%
25	18.919	2714	2717	2719	rBV3	192937	256949	1.64%	0.200%
26	18.948	2720	2722	2731	rVB2	284941	456270	2.91%	0.356%
27	19.042	2734	2738	2742	rBV	1728644	2326528	14.83%	1.815%
28	19.142	2752	2755	2761	rBV7	237566	493583	3.15%	0.385%
29	19.225	2765	2769	2774	rVB	868919	1257093	8.02%	0.980%
30	19.425	2796	2803	2807	rBV	1676827	2297712	14.65%	1.792%
31	19.660	2838	2843	2854	rVB	10604588	15683562	100.00%	12.232%
32	20.266	2944	2946	2950	rVB	451135	504143	3.21%	0.393%
33	20.966	3062	3065	3069	rVB2	684652	847770	5.41%	0.661%
34	21.066	3078	3082	3089	rVB2	1515910	2250328	14.35%	1.755%
35	21.342	3122	3129	3133	rBV3	5962286	10722049	68.36%	8.363%
36	21.377	3133	3135	3142	rVB	1831842	2617353	16.69%	2.041%

Sample Results: **BP025222.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.254	3280	3284	3292	rVB3	1268652	2365680	15.08%	1.845%
38	23.748	3533	3538	3545	rBV	2332506	4849255	30.92%	3.782%
39	24.483	3655	3663	3670	rVB	3293977	8298285	52.91%	6.472%
40	25.842	3887	3894	3903	rVB	1634932	4985341	31.79%	3.888%

Sum of corrected areas: 128215350

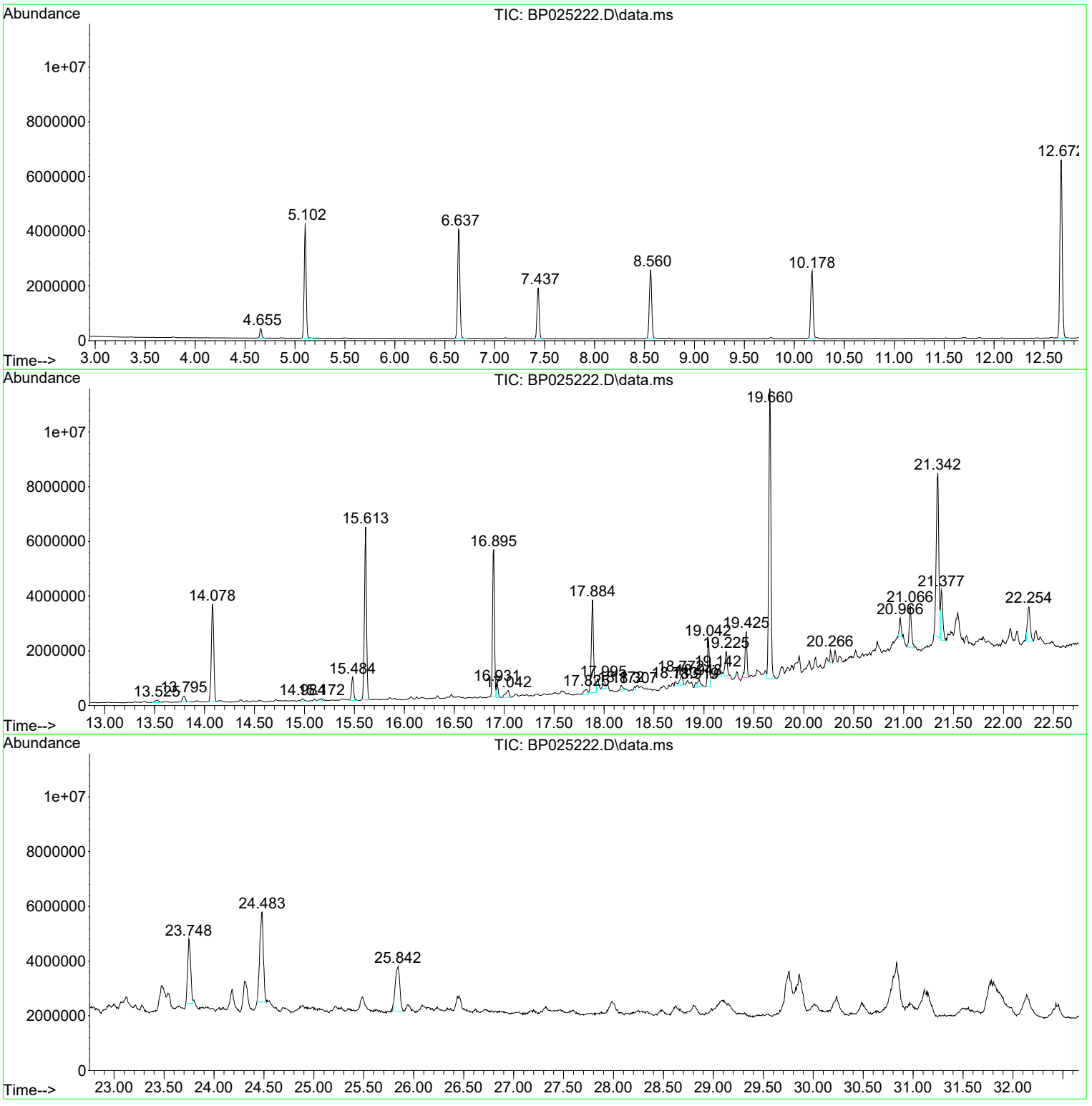
Sample Results: **BP025222.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **BP025222.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Sample Results: **BP025222.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **BP025231.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725RE	SDG No.:	Q2639
Lab Sample ID:	Q2639-01RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.6
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
BP025231.D	1	07/21/25 09:30	07/23/25 20:20	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.083	J	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.16	U	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.21		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.25		0.045	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.17	J	0.029	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.22		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.23		0.024	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.089	J	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.21		0.037	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.12	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.15	J	0.032	0.16	0.21	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	38.2		37 - 122		38%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.2	*	44 - 115		37%	SPK: 100
1718-51-0	Terphenyl-d14	37.4	*	54 - 127		37%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	494000	7.431				
1146-65-2	Naphthalene-d8	1940000	10.172				
15067-26-2	Acenaphthene-d10	1260000	14.084				
1517-22-2	Phenanthrene-d10	2580000	16.889				
1719-03-5	Chrysene-d12	2790000	21.33				
1520-96-3	Perylene-d12	3380000	24.471				

Raw Data: **BP025231.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725RE	SDG No.:	Q2639
Lab Sample ID:	Q2639-01RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.6
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
BP025231.D	1	07/21/25 09:30	07/23/25 20:20	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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

Sample Results: **BP025231.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	494228	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	1941060	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1257966	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	2582912	20.000	ng		0.00
76) Chrysene-d12	21.330	240	2791397	20.000	ng		0.00
86) Perylene-d12	24.471	264	3376004	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	1764143	60.312	ng		0.00
7) Phenol-d6	6.643	99	2224520	61.403	ng		0.00
23) Nitrobenzene-d5	8.566	82	1335924	38.248	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1165401	62.841	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	3319422	37.201	ng		0.00
79) Terphenyl-d14	19.672	244	5294842	37.444	ng		0.01
Target Compounds							Qvalue
49) Acenaphthylene	13.795	152	230422	2.001	ng		98
75) Fluoranthene	19.042	202	836009	5.099	ng		99
78) Pyrene	19.419	202	1046767	6.082	ng		99
81) Benzo(a)anthracene	21.319	228	737888m	4.186	ng		
83) Chrysene	21.377	228	868024m	5.275	ng		
87) Indeno(1,2,3-cd)pyrene	28.012	276	694882	2.817	ng	#	97
88) Benzo(b)fluoranthene	23.489	252	1063768	5.505	ng	#	95
89) Benzo(k)fluoranthene	23.542	252	412122m	2.160	ng		
90) Benzo(a)pyrene	24.324	252	938955	4.980	ng		97
92) Benzo(g,h,i)perylene	29.089	276	697220	3.525	ng		97

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

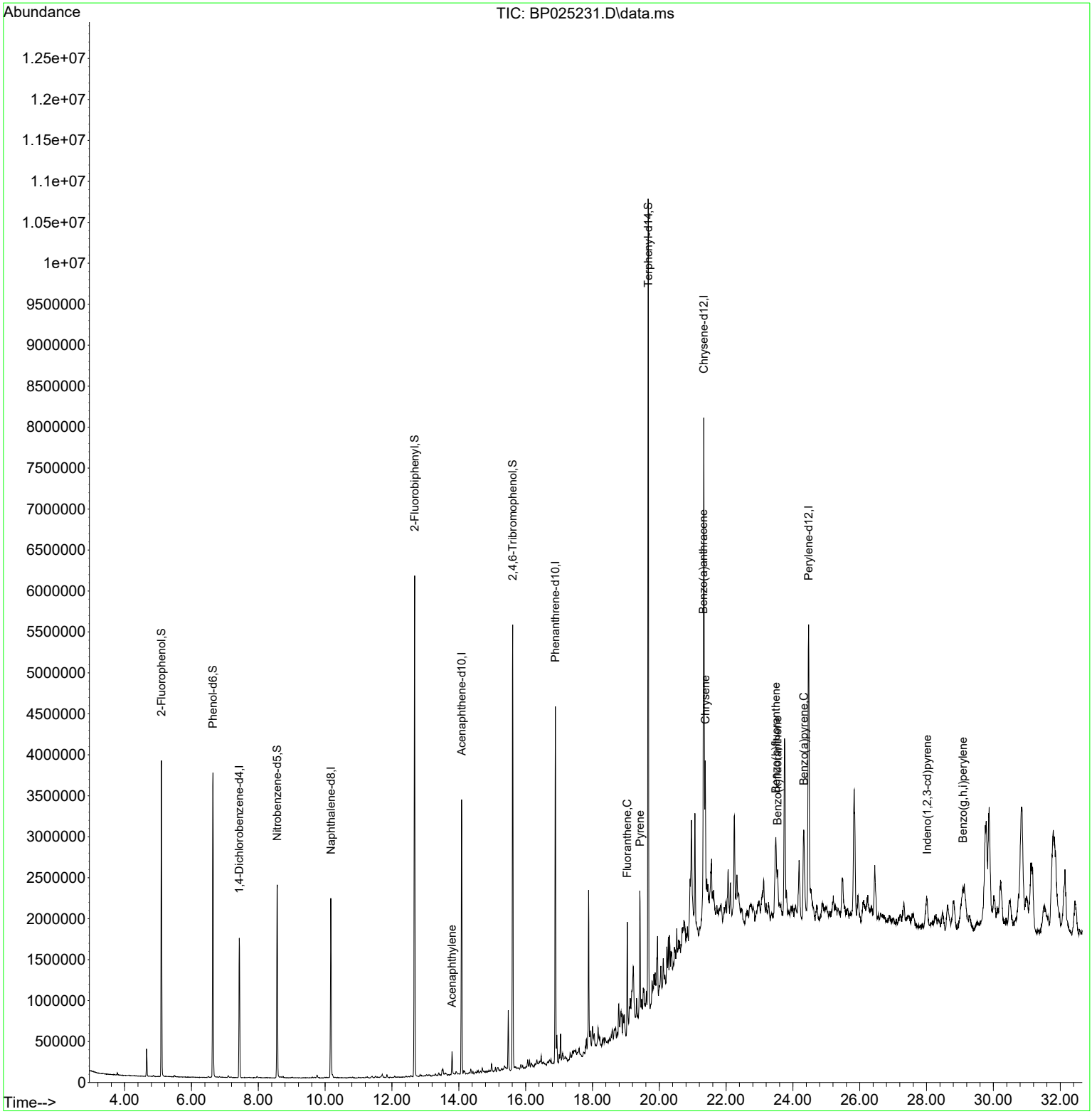
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

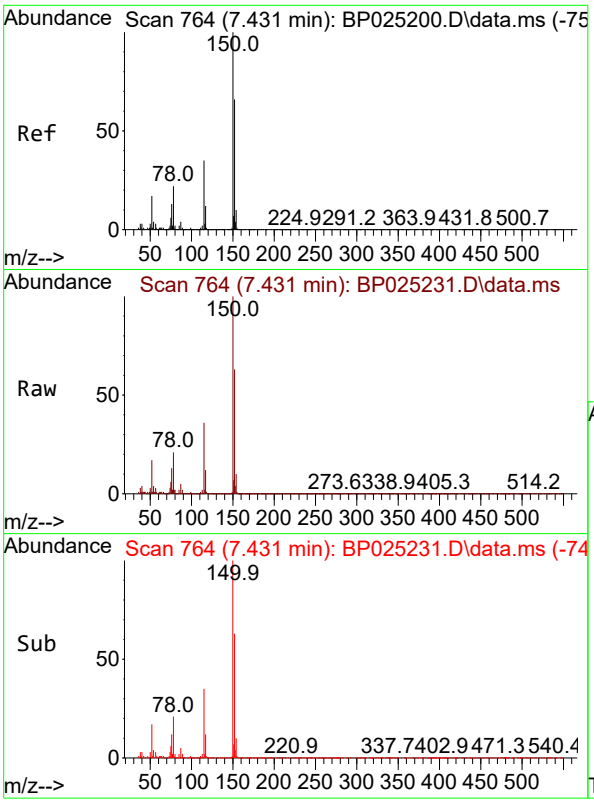
Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

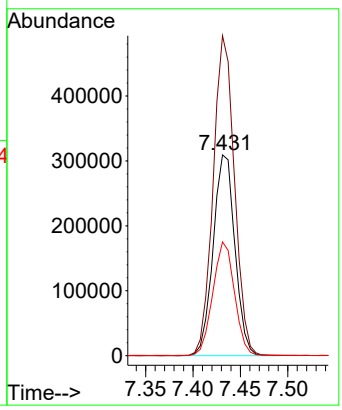




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:152 Resp: 49422

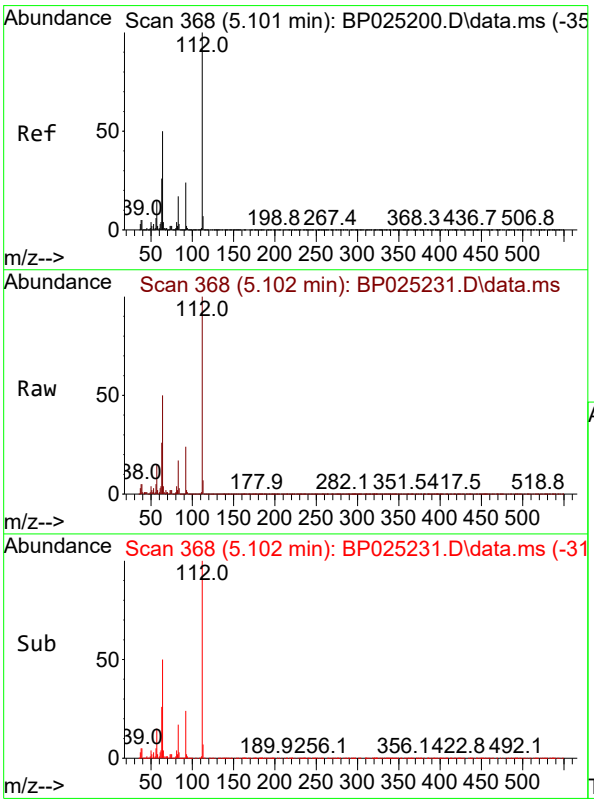
Ion	Ratio	Lower	Upper
152	100		
150	159.4	121.9	182.9
115	56.7	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

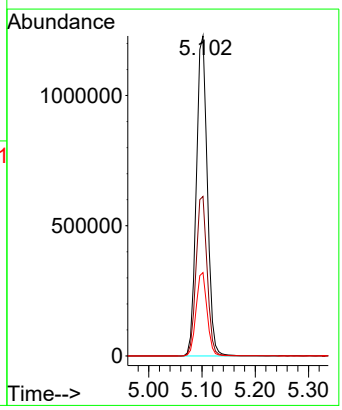
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

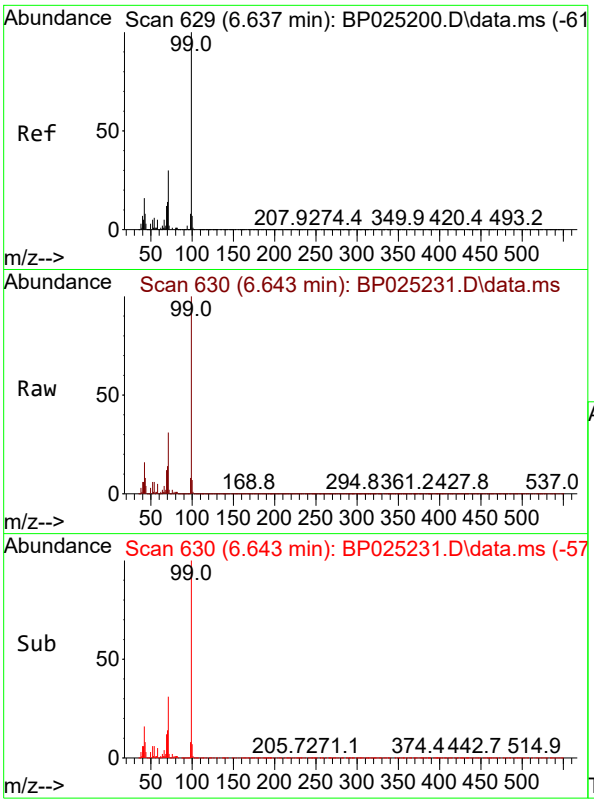


#5
2-Fluorophenol
Concen: 60.312 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:112 Resp: 1764143

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.8	59.6
63	26.1	20.5	30.7

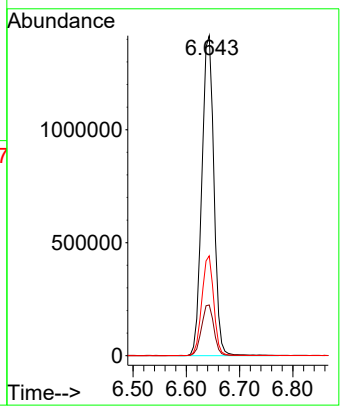




#7
Phenol-d6
Concen: 61.403 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion: 99 Resp: 222452

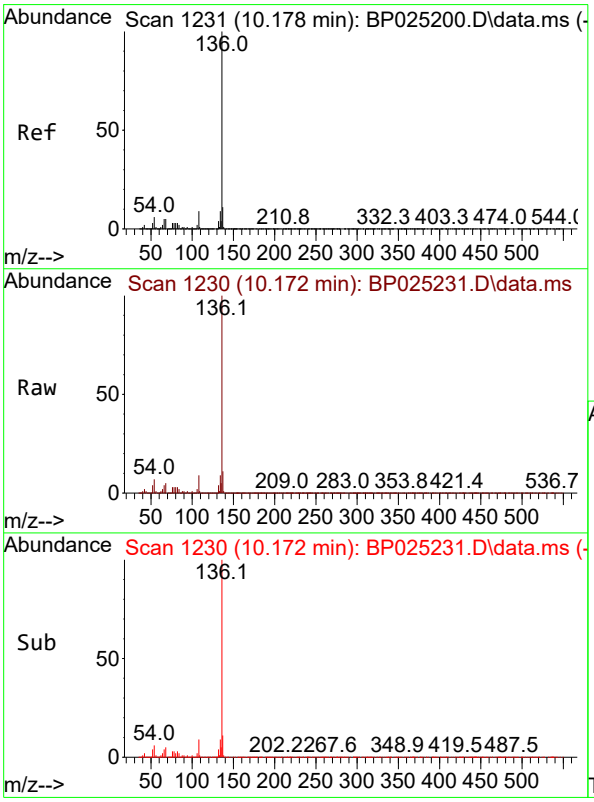
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	31.2	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

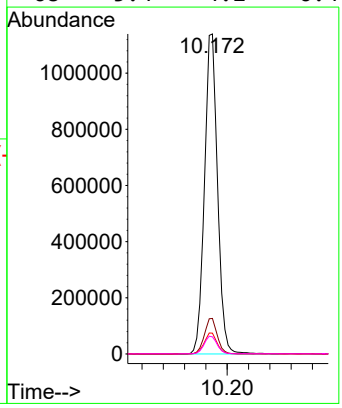
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

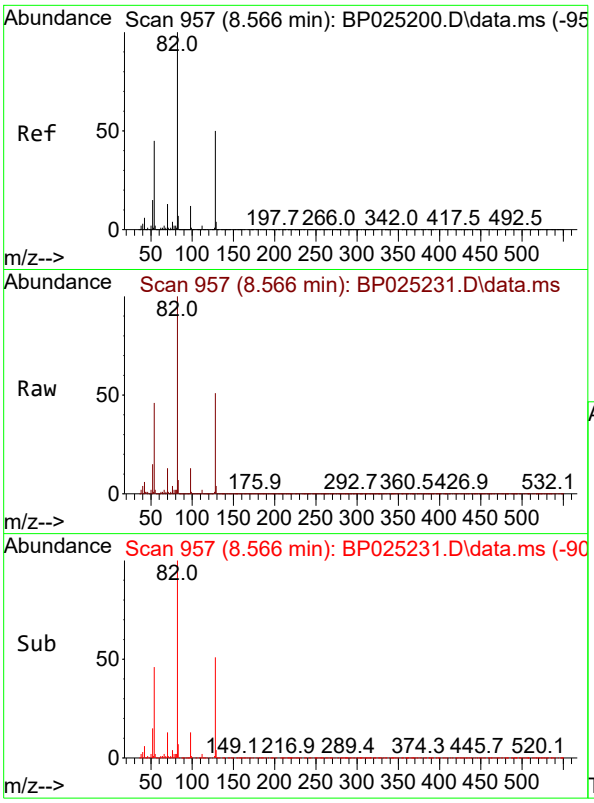


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:136 Resp: 1941060

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.4	4.2	6.4





#23
Nitrobenzene-d5
Concen: 38.248 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

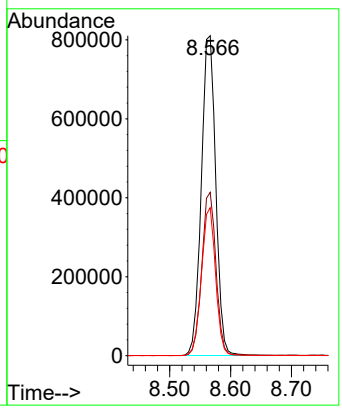
Tgt Ion: 82 Resp: 133592

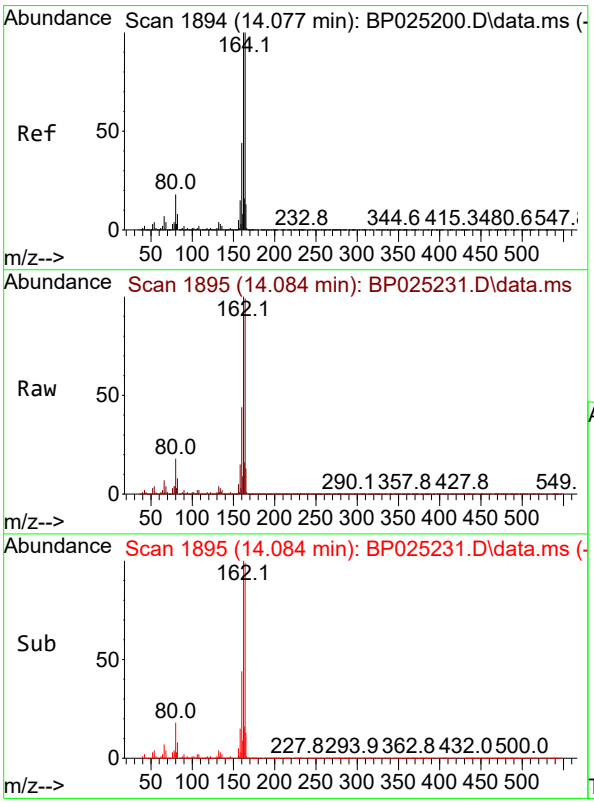
Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.2	60.4
54	46.3	36.3	54.5

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

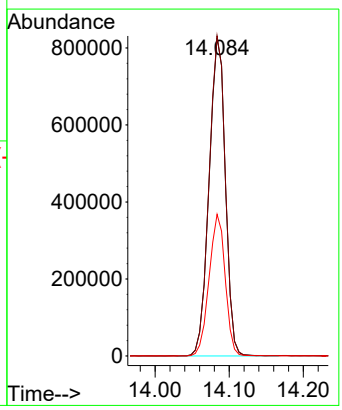


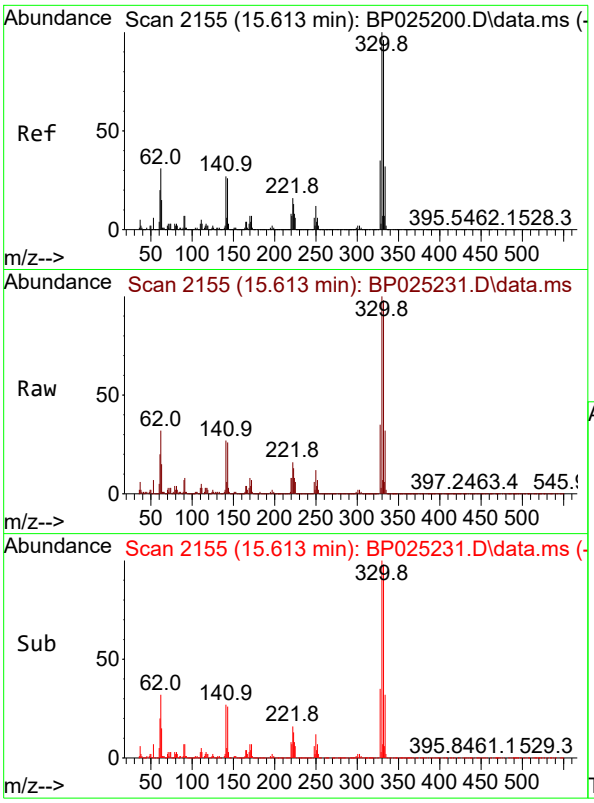


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:164 Resp: 1257966

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	44.5	35.7	53.5

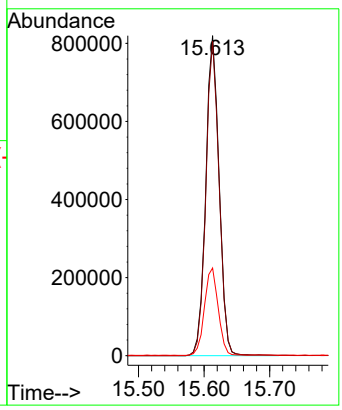




#42
2,4,6-Tribromophenol
Concen: 62.841 ng
RT: 15.613 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:330 Resp: 116540

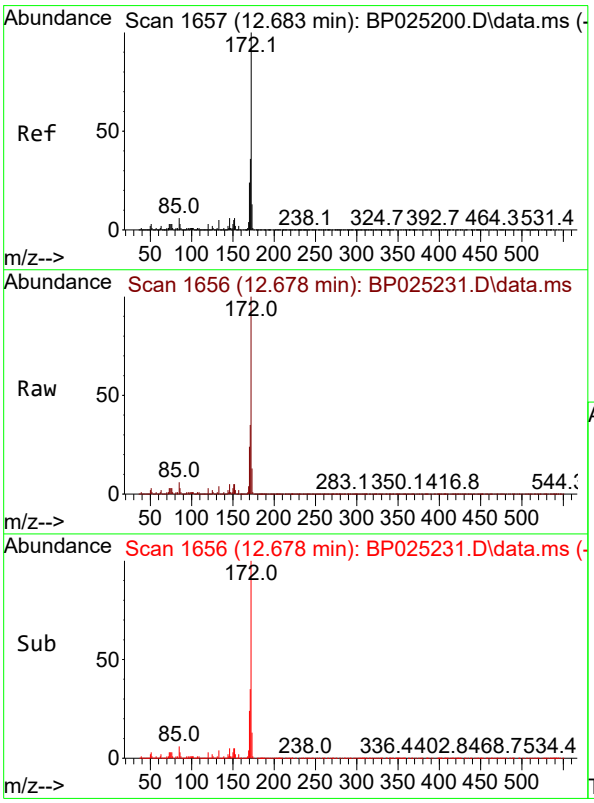
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	27.9	22.4	33.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

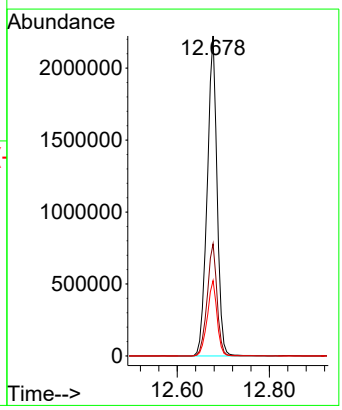
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

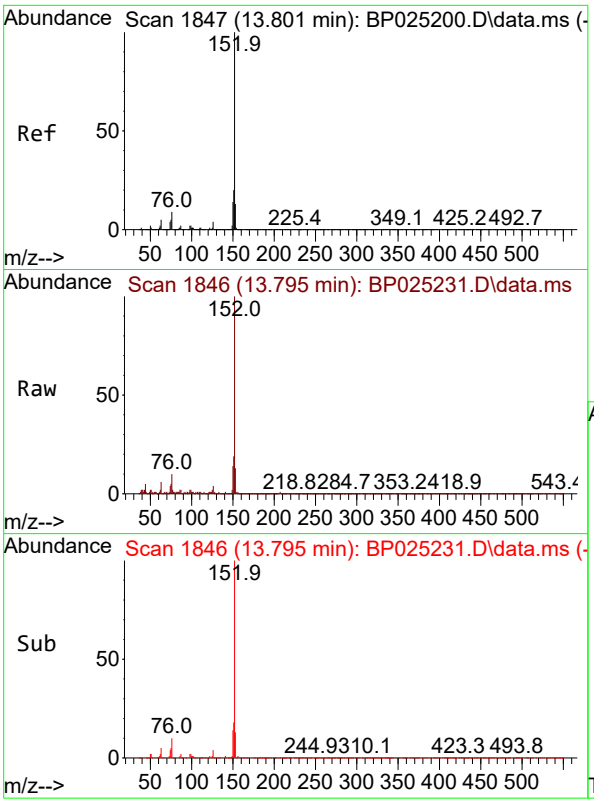


#45
2-Fluorobiphenyl
Concen: 37.201 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:172 Resp: 3319422

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.5	19.2	28.8

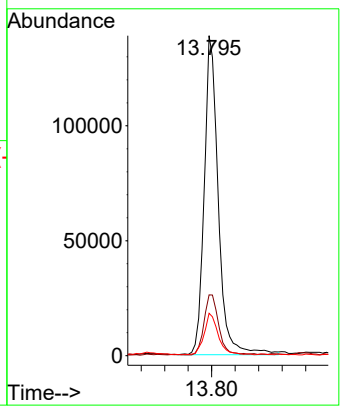




#49
Acenaphthylene
Concen: 2.001 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:152 Resp: 23042

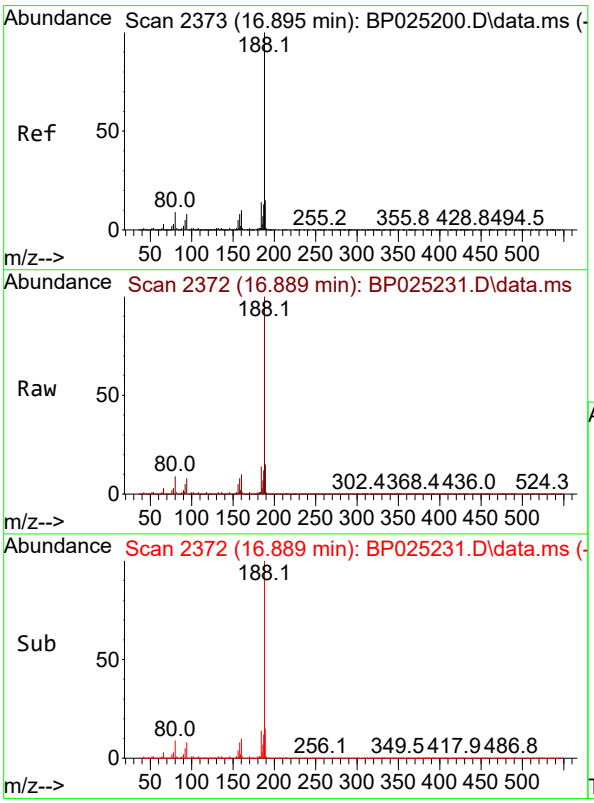
Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2
153	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

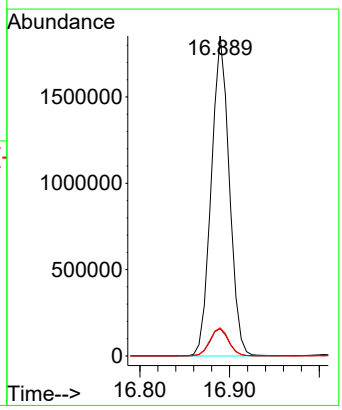
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

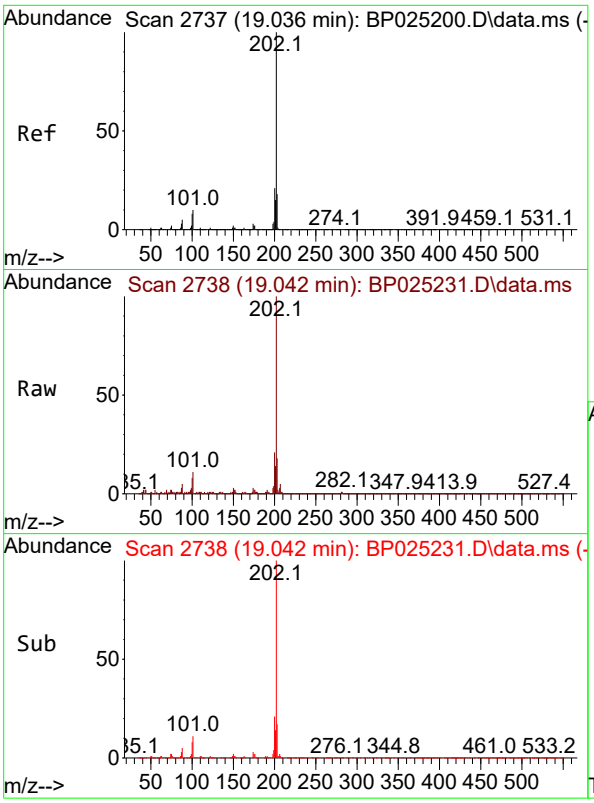


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:188 Resp: 2582912

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.8	7.3	10.9

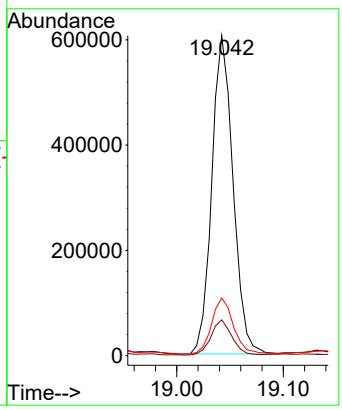




#75
Fluoranthene
Concen: 5.099 ng
RT: 19.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 836009

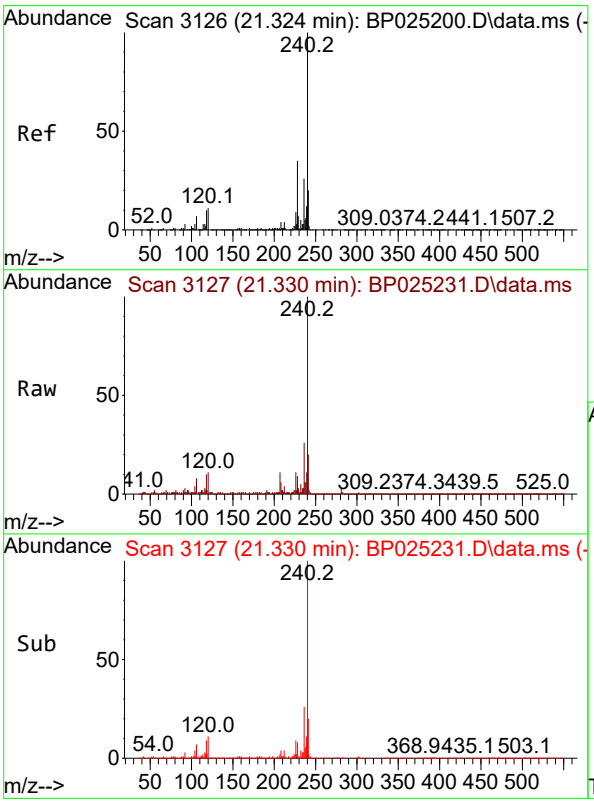
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.0	0.0	38.0



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

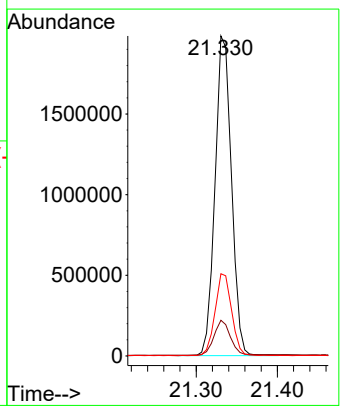
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

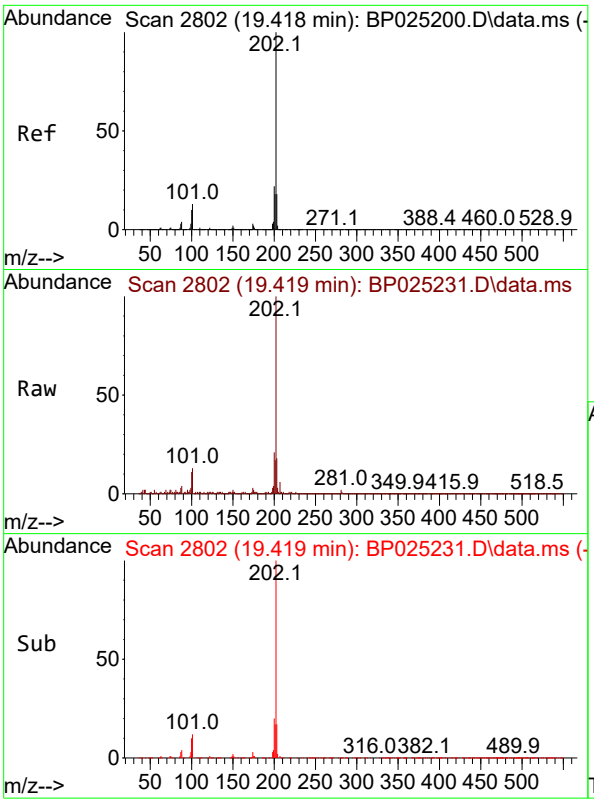


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:240 Resp: 2791397

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.7	20.9	31.3

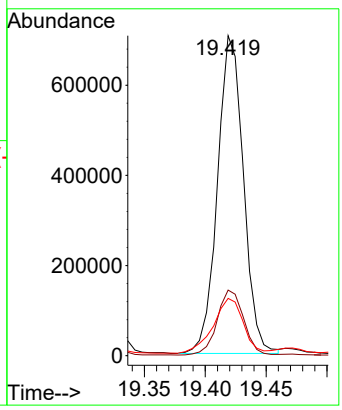




#78
Pyrene
Concen: 6.082 ng
RT: 19.419 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 104676

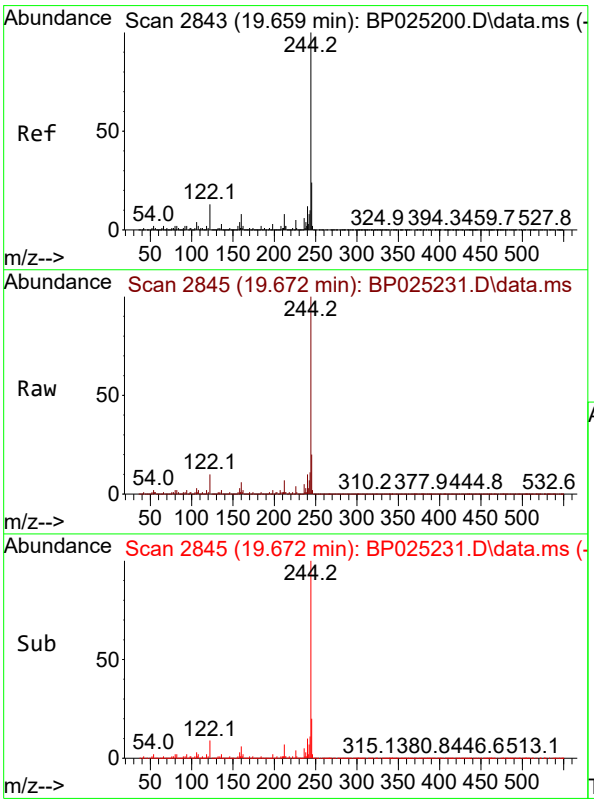
Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.9	14.3	21.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

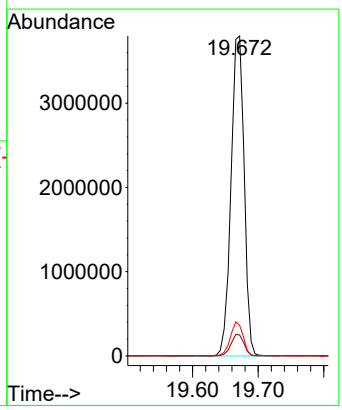
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

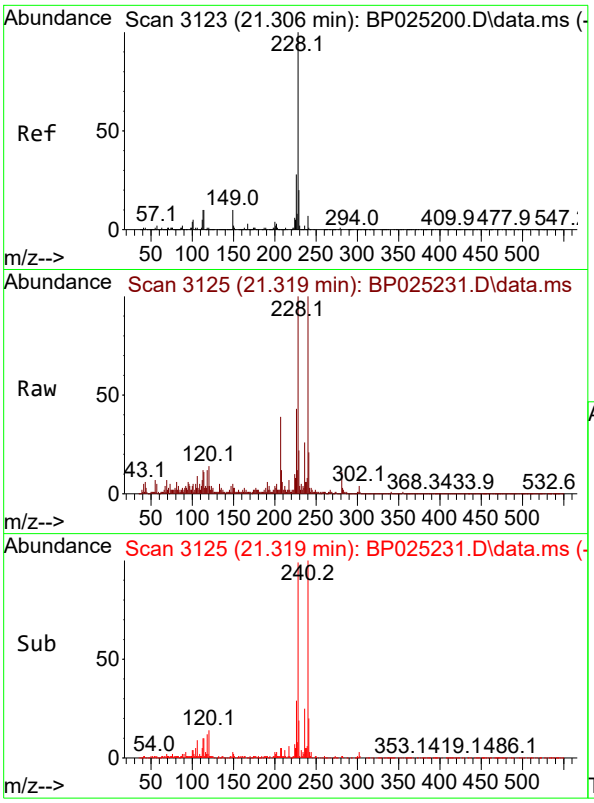


#79
Terphenyl-d14
Concen: 37.444 ng
RT: 19.672 min Scan# 2845
Delta R.T. 0.013 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:244 Resp: 5294842

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.6	9.8
122	9.5	10.3	15.5#

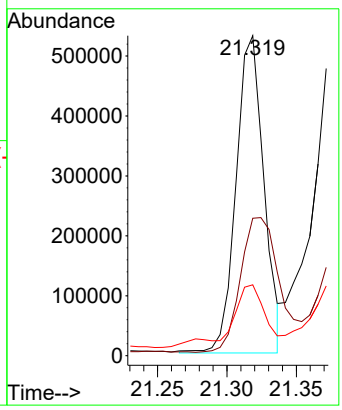




#81
Benzo(a)anthracene
Concen: 4.186 ng m
RT: 21.319 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:228 Resp: 73788

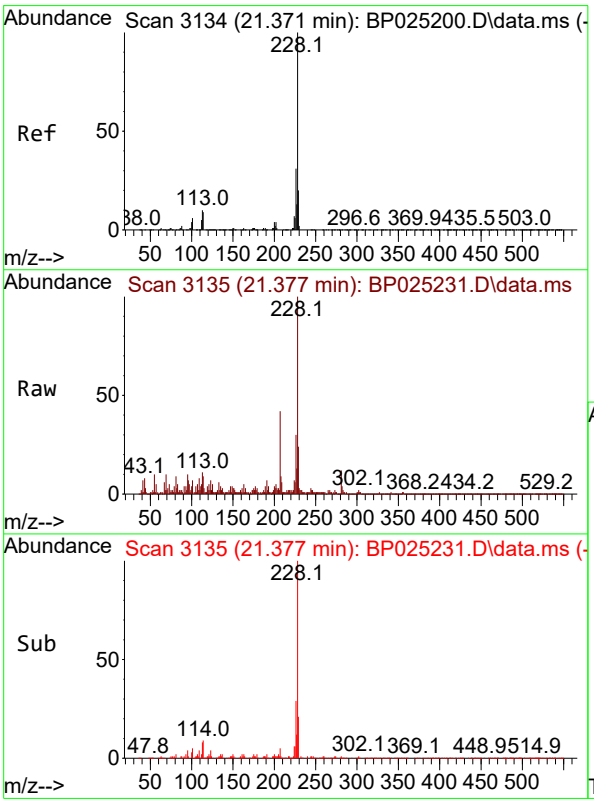
Ion	Ratio	Lower	Upper
228	100		
226	42.9	22.3	33.5
229	22.2	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

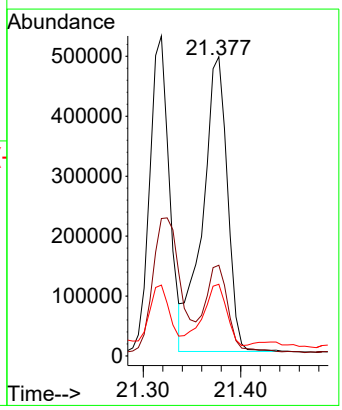
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

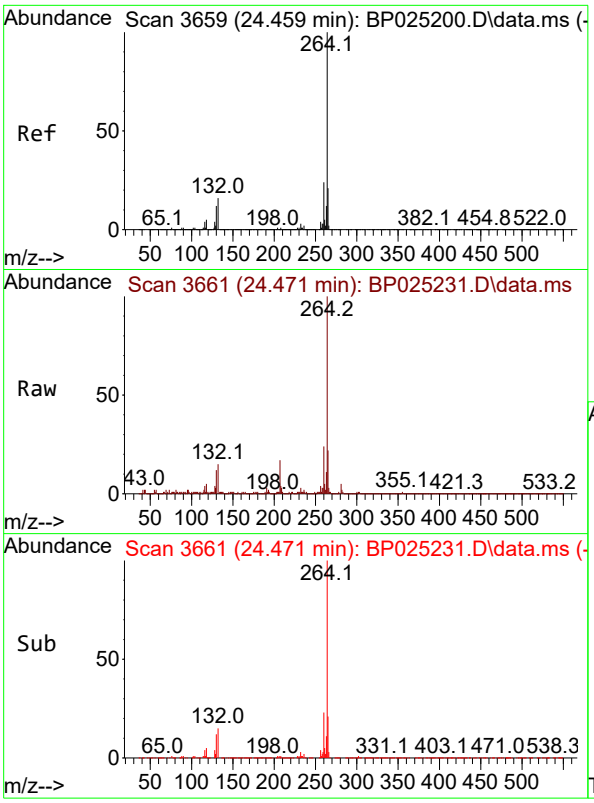


#83
Chrysene
Concen: 5.275 ng m
RT: 21.377 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:228 Resp: 868024

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	23.9	16.0	24.0

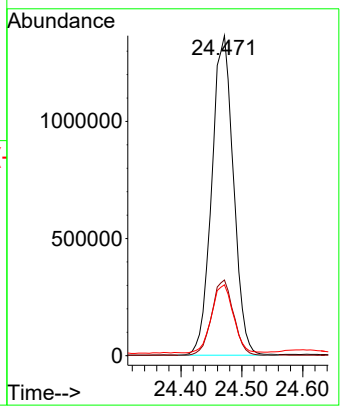




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:264 Resp: 337600

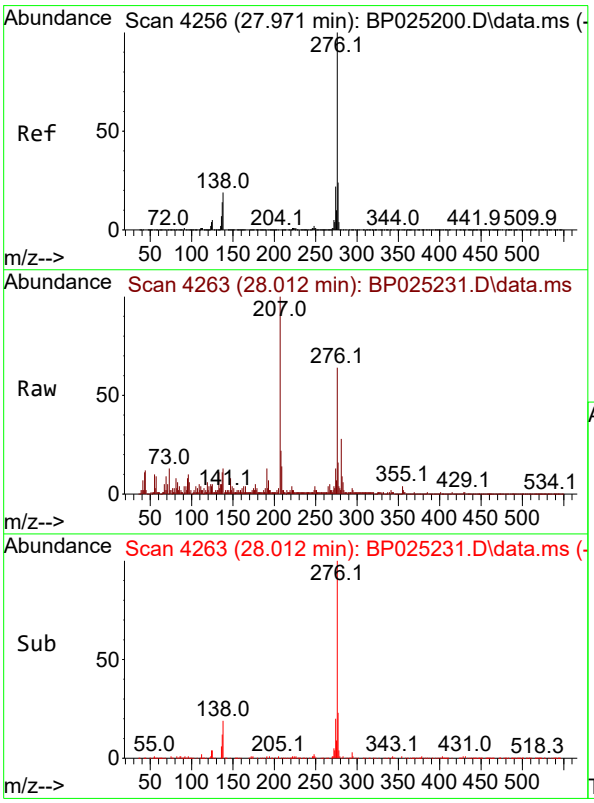
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.2	17.5	26.3



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

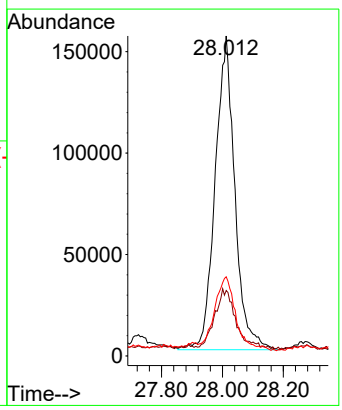
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

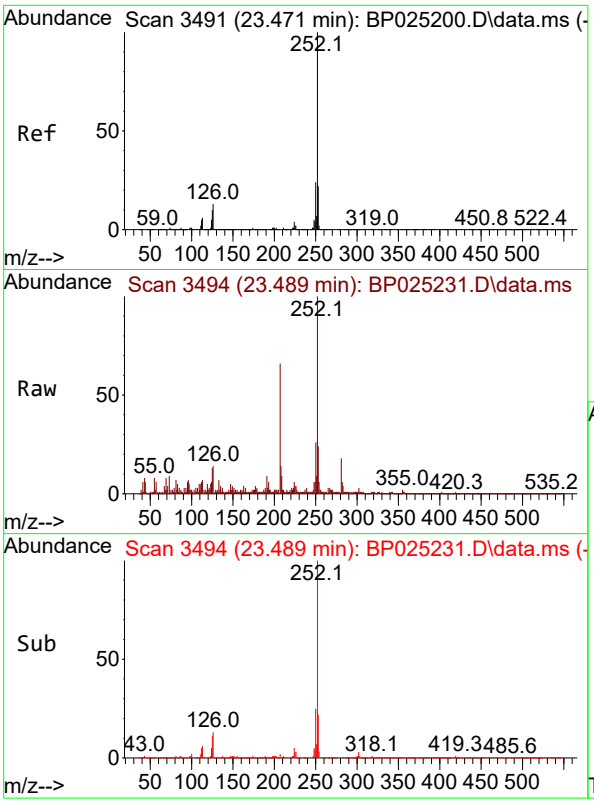


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.817 ng
RT: 28.012 min Scan# 4263
Delta R.T. 0.042 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:276 Resp: 694882

Ion	Ratio	Lower	Upper
276	100		
138	19.3	12.8	19.2#
277	25.3	20.3	30.5

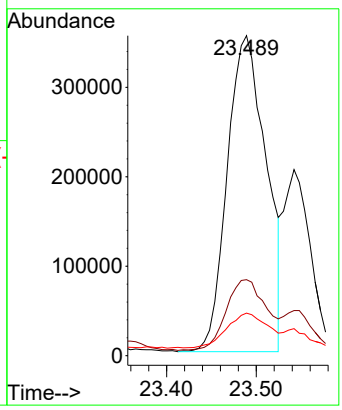




#88
Benzo(b)fluoranthene
Concen: 5.505 ng
RT: 23.489 min Scan# 34
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:252 Resp: 106376

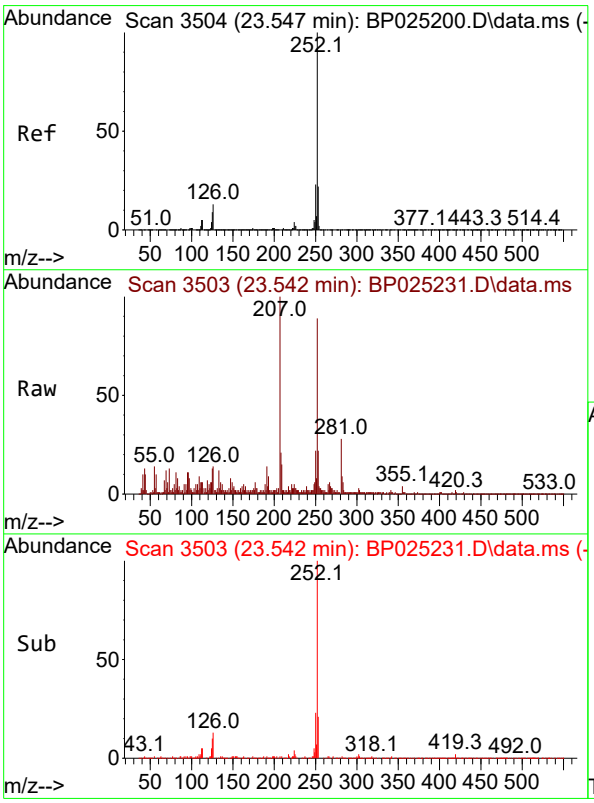
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.3	7.8	11.8#



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

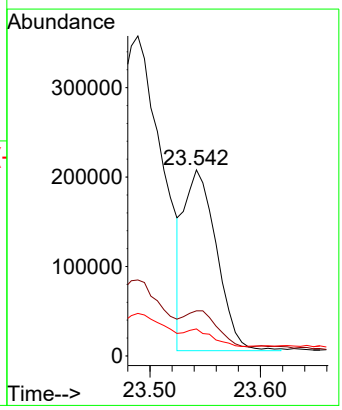
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

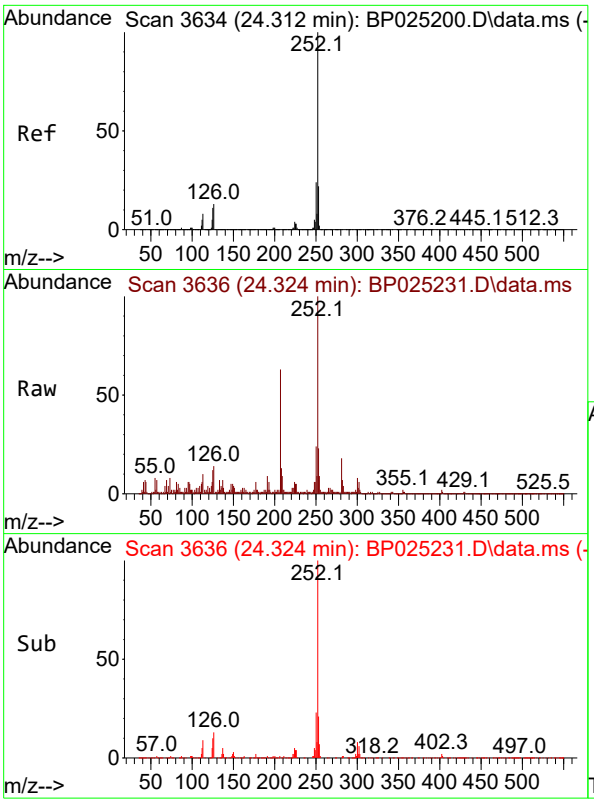


#89
Benzo(k)fluoranthene
Concen: 2.160 ng m
RT: 23.542 min Scan# 3503
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:252 Resp: 412122

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	14.5	7.5	11.3#

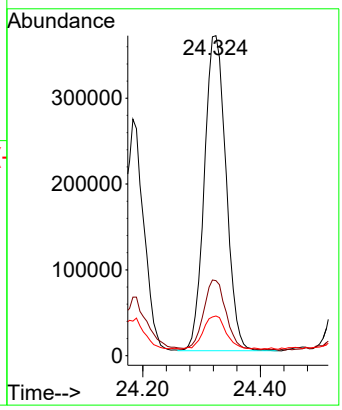




#90
Benzo(a)pyrene
Concen: 4.980 ng
RT: 24.324 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:252 Resp: 93895

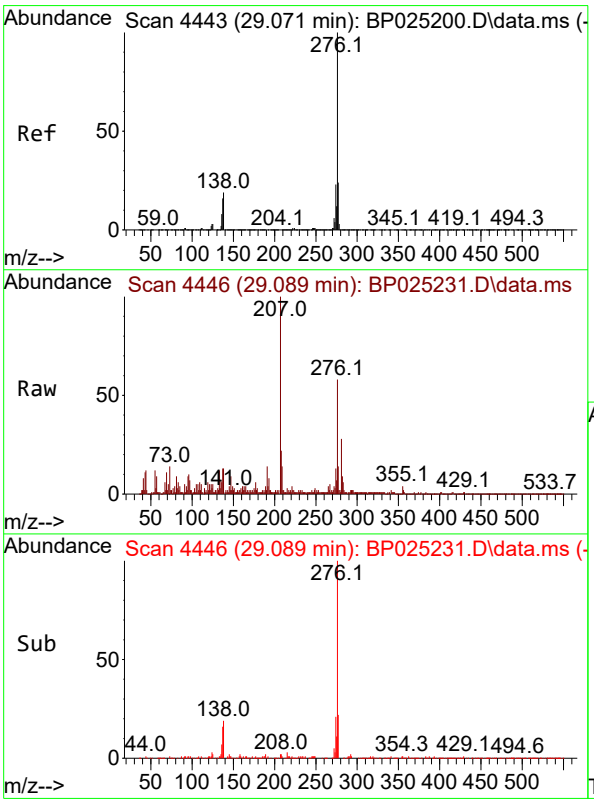
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	12.4	8.6	12.8



Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Manual Integrations
APPROVED

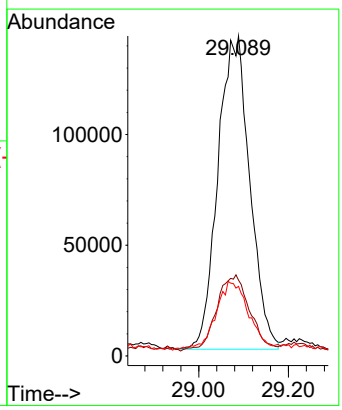
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 3.525 ng
RT: 29.089 min Scan# 4446
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:276 Resp: 697220

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.8	15.4	23.2



Raw Data: **BP025209.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
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
BP025209.D	1	07/21/25 09:30	07/22/25 11:10	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.097	J	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.16	U	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.23		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.30		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.21		0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.25		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.28		0.023	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.088	J	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.25		0.036	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.17	J	0.032	0.16	0.21	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	43.5		37 - 122		43%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.9		44 - 115		45%	SPK: 100
1718-51-0	Terphenyl-d14	44.2	*	54 - 127		44%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	920000	7.431				
1146-65-2	Naphthalene-d8	3530000	10.172				
15067-26-2	Acenaphthene-d10	2110000	14.066				
1517-22-2	Phenanthrene-d10	3960000	16.889				
1719-03-5	Chrysene-d12	3830000	21.318				
1520-96-3	Perylene-d12	4470000	24.442				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **BP025209.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
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
BP025209.D	1	07/21/25 09:30	07/22/25 11:10	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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

Sample Results: **BP025209.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 22 11:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	920177	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	3525504	20.000	ng		0.00
39) Acenaphthene-d10	14.066	164	2109533	20.000	ng		-0.01
64) Phenanthrene-d10	16.889	188	3961378	20.000	ng		0.00
76) Chrysene-d12	21.318	240	3833110	20.000	ng		0.00
86) Perylene-d12	24.442	264	4465382	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	3598852	66.083	ng		0.00
7) Phenol-d6	6.637	99	4452832	66.016	ng		0.00
23) Nitrobenzene-d5	8.560	82	2759468	43.498	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	2035909	65.465	ng		0.00
45) 2-Fluorobiphenyl	12.666	172	6720014	44.910	ng		-0.02
79) Terphenyl-d14	19.654	244	8591140	44.244	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.784	152	454992	2.356	ng		99
75) Fluoranthene	19.030	202	1399615	5.566	ng		99
78) Pyrene	19.413	202	1713944	7.252	ng		99
81) Benzo(a)anthracene	21.301	228	1253857m	5.180	ng		
83) Chrysene	21.360	228	1387605	6.141	ng		97
87) Indeno(1,2,3-cd)pyrene	27.948	276	1085417	3.326	ng	#	94
88) Benzo(b)fluoranthene	23.471	252	1730476	6.770	ng	#	96
89) Benzo(k)fluoranthene	23.530	252	542706	2.151	ng	#	95
90) Benzo(a)pyrene	24.295	252	1497330	6.004	ng		96
92) Benzo(g,h,i)perylene	29.024	276	1094765	4.184	ng		97

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

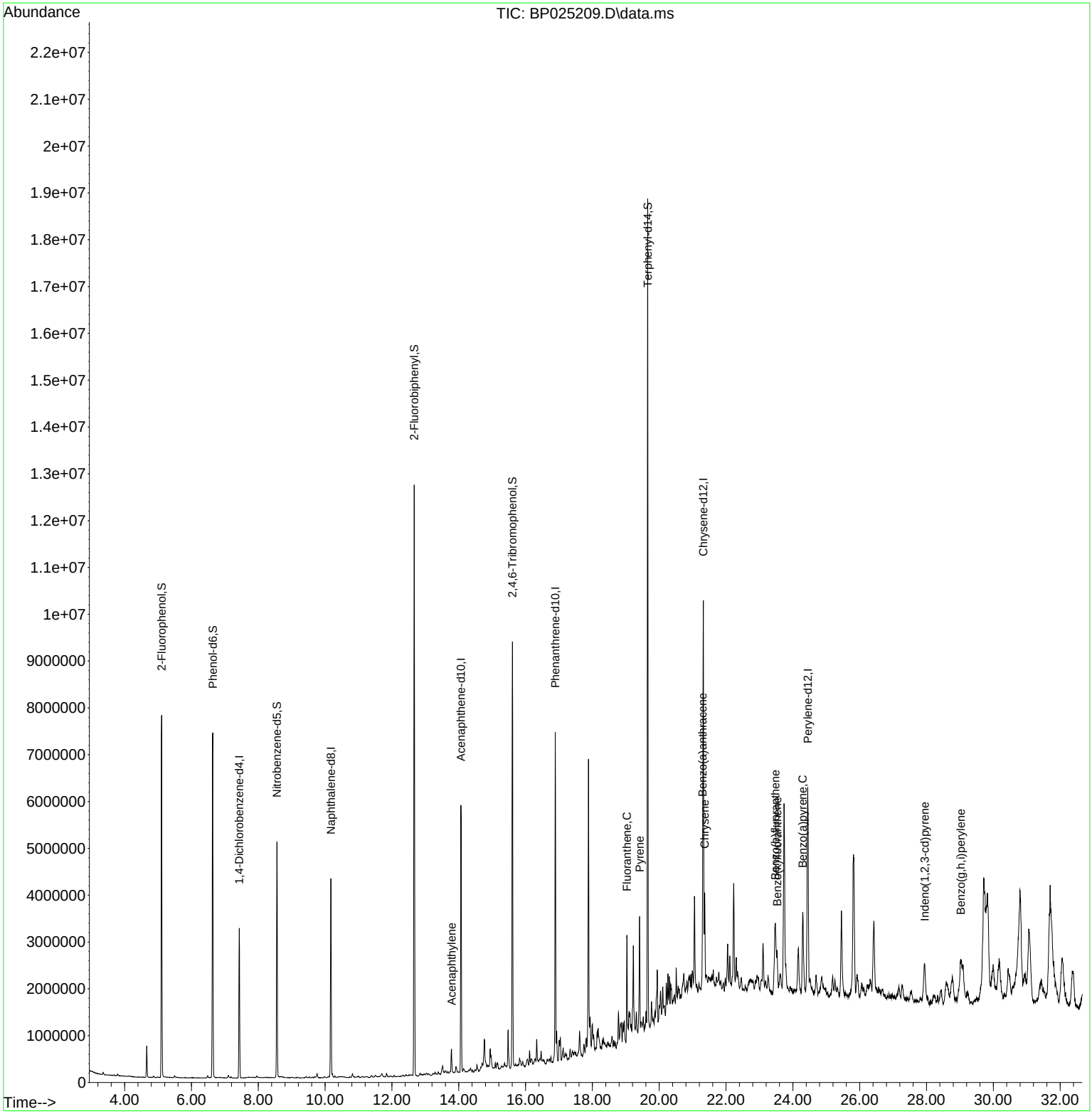
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Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

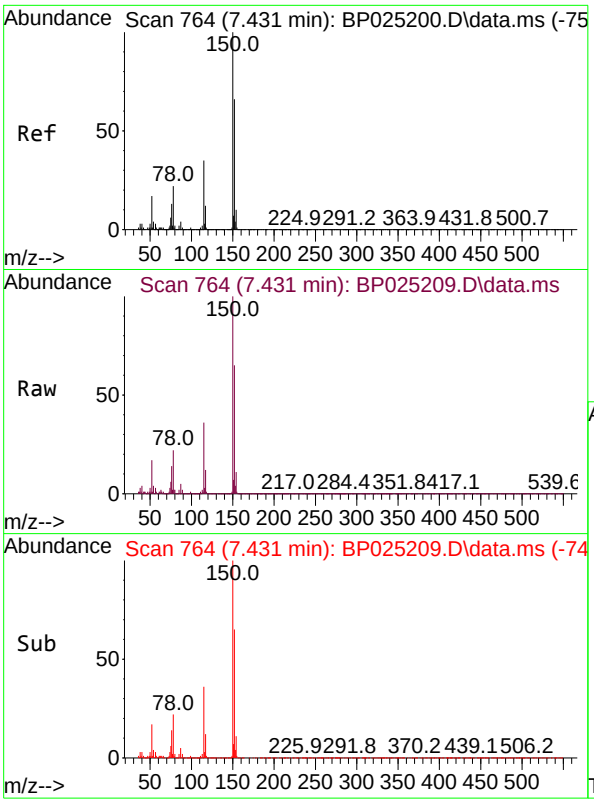
Quant Time: Jul 22 11:32:06 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

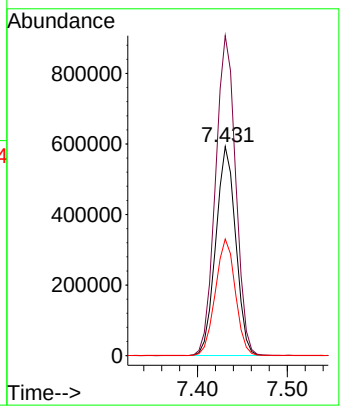




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:152 Resp: 92017

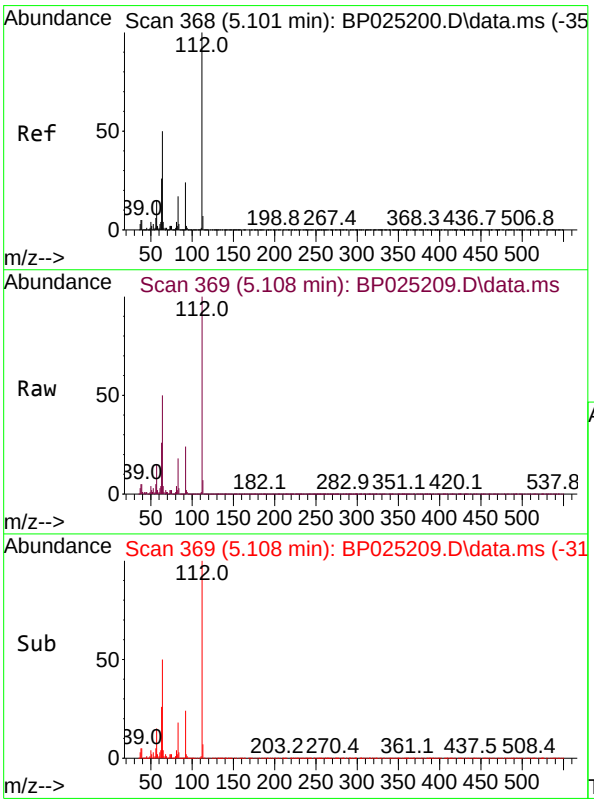
Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.9	182.9
115	55.7	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

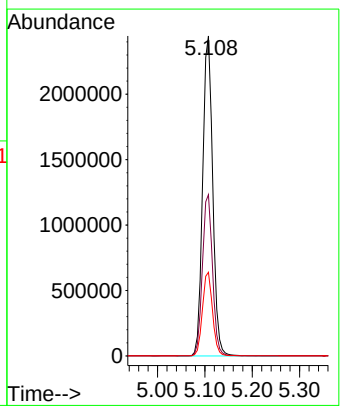
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

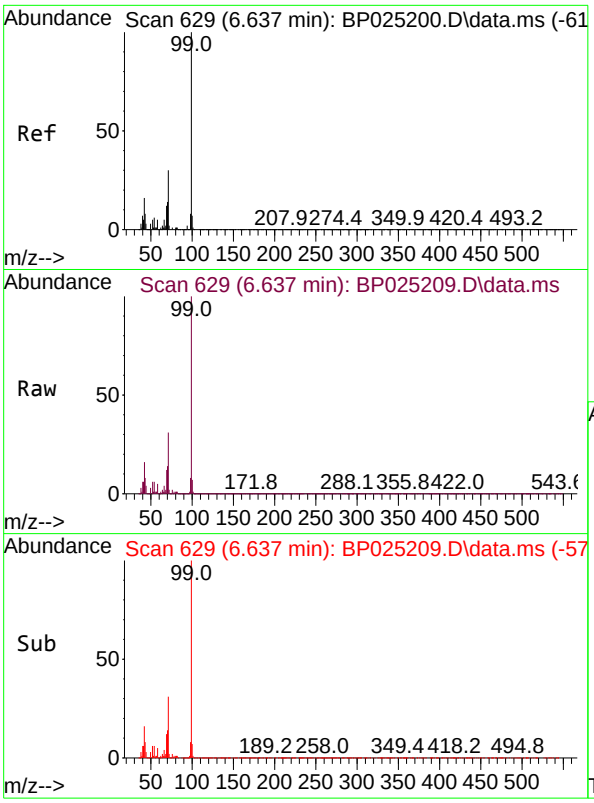


#5
2-Fluorophenol
Concen: 66.083 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:112 Resp: 3598852

Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.8	59.6
63	26.1	20.5	30.7

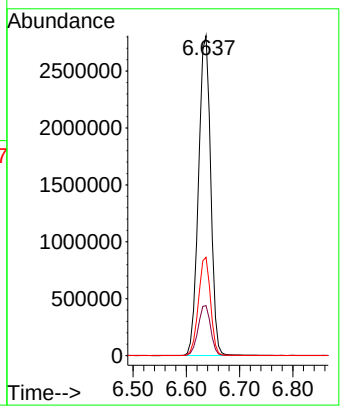




#7
Phenol-d6
Concen: 66.016 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion: 99 Resp: 445283

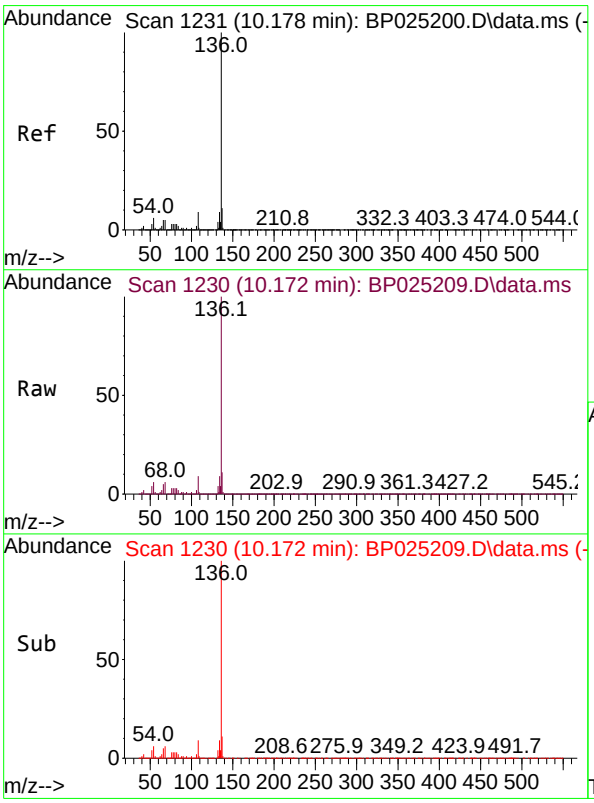
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	30.8	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

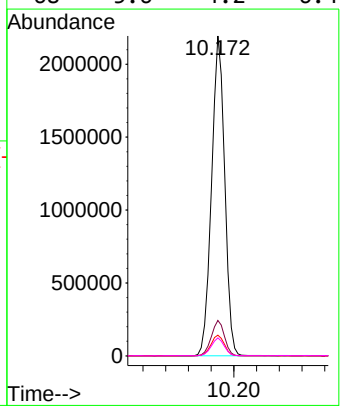
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

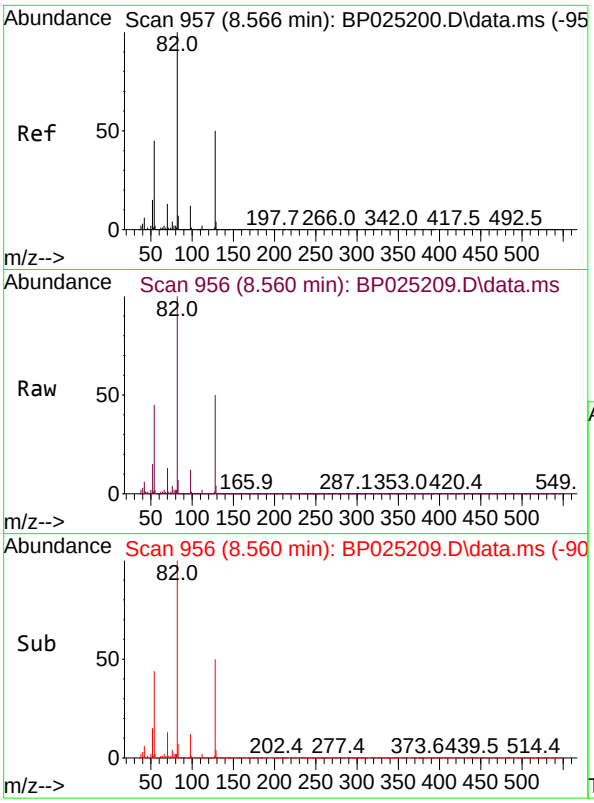


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:136 Resp: 3525504

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.6	4.2	6.4

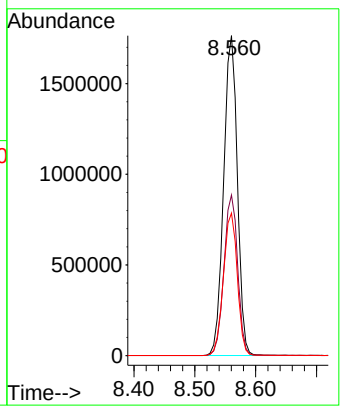




#23
Nitrobenzene-d5
Concen: 43.498 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion: 82 Resp: 275946

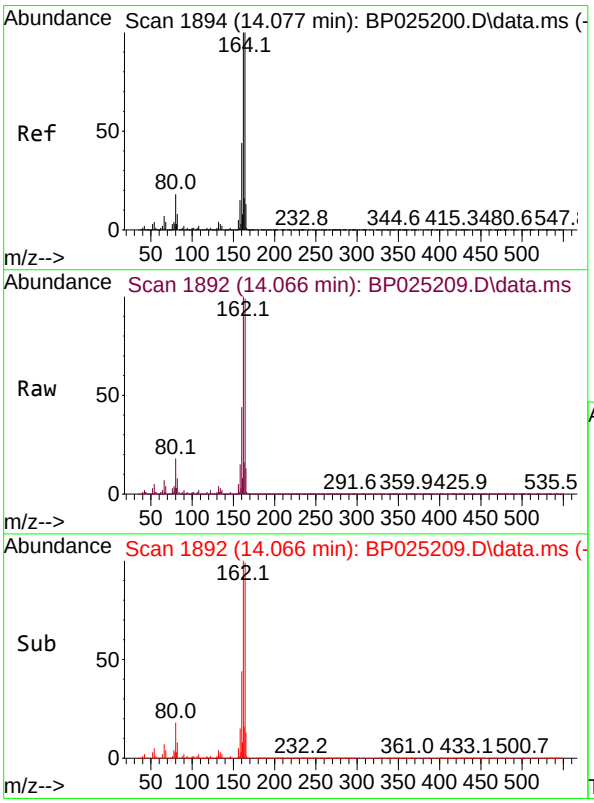
Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.2	60.4
54	44.5	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

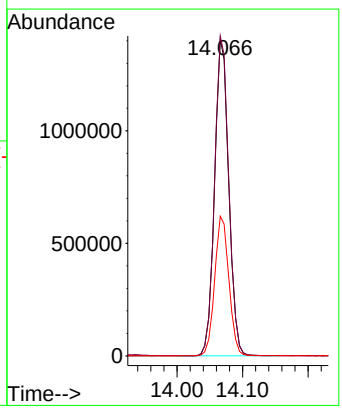
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

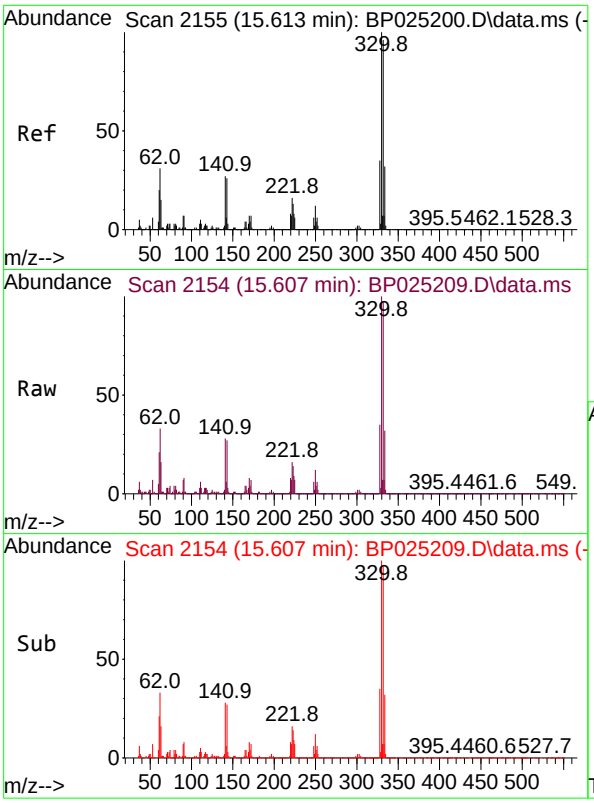


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:164 Resp: 2109533

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.3	120.5
160	44.0	35.7	53.5





#42
2,4,6-Tribromophenol
Concen: 65.465 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

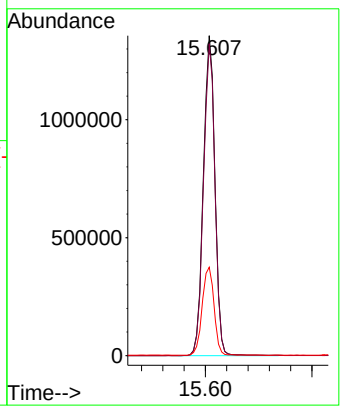
Tgt Ion:330 Resp: 203590

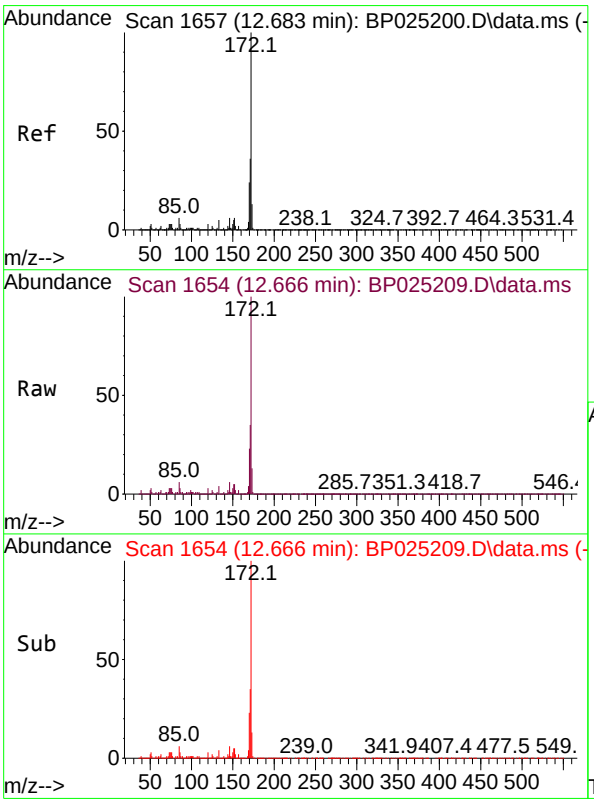
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	28.2	22.4	33.6

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

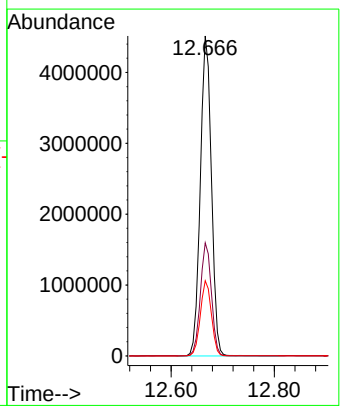


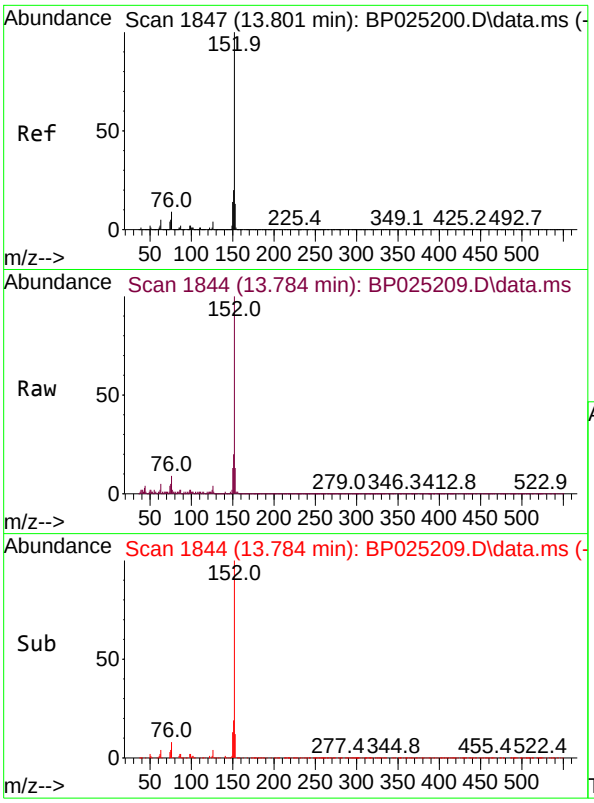


#45
2-Fluorobiphenyl
Concen: 44.910 ng
RT: 12.666 min Scan# 1654
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:172 Resp: 6720014

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.8	43.2
170	23.5	19.2	28.8

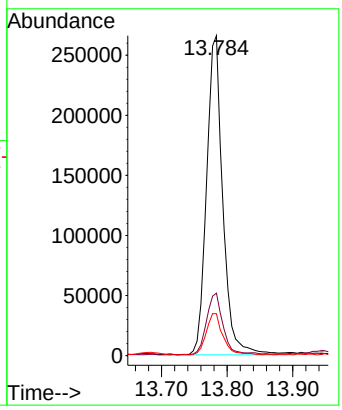




#49
Acenaphthylene
Concen: 2.356 ng
RT: 13.784 min Scan# 18
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:152 Resp: 454992

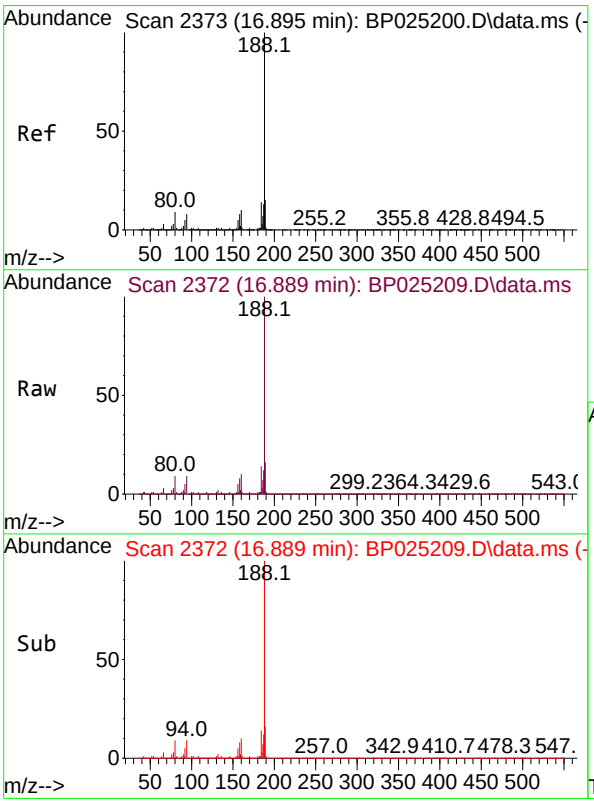
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

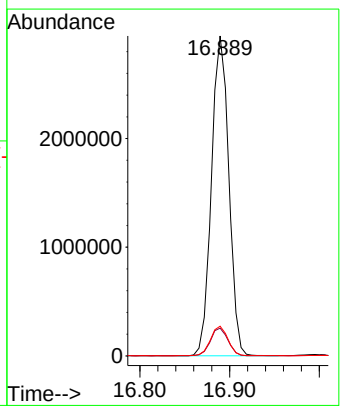
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

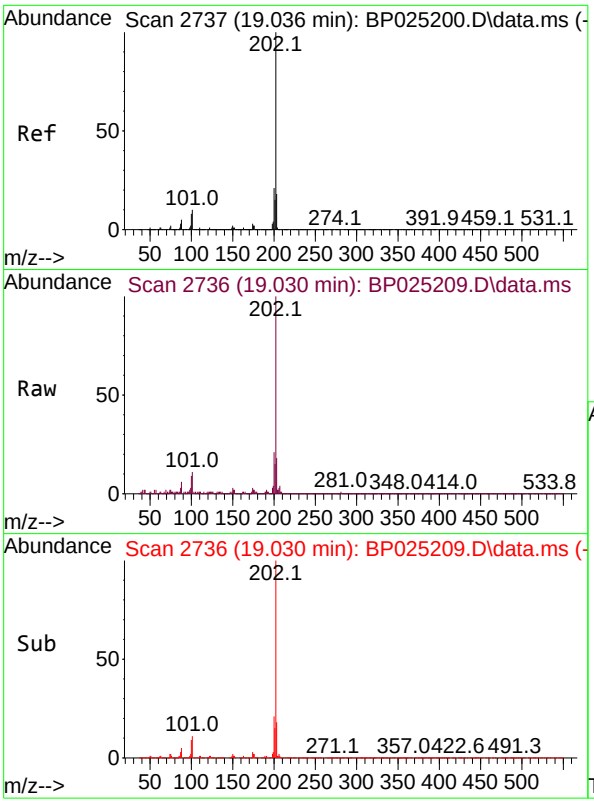


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:188 Resp: 3961378

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.3	7.3	10.9





#75
Fluoranthene
Concen: 5.566 ng
RT: 19.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

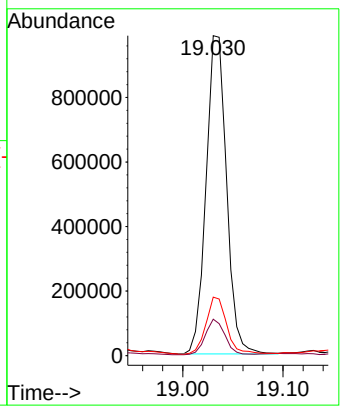
Tgt Ion:202 Resp: 139961

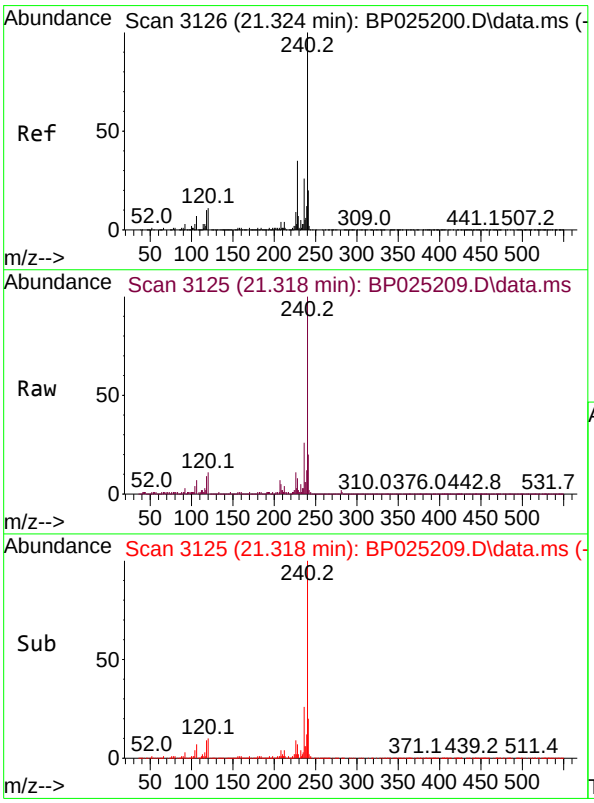
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
203	18.3	0.0	38.0

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

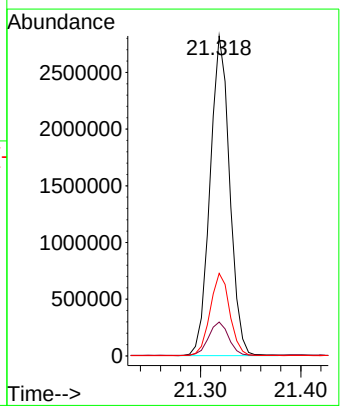


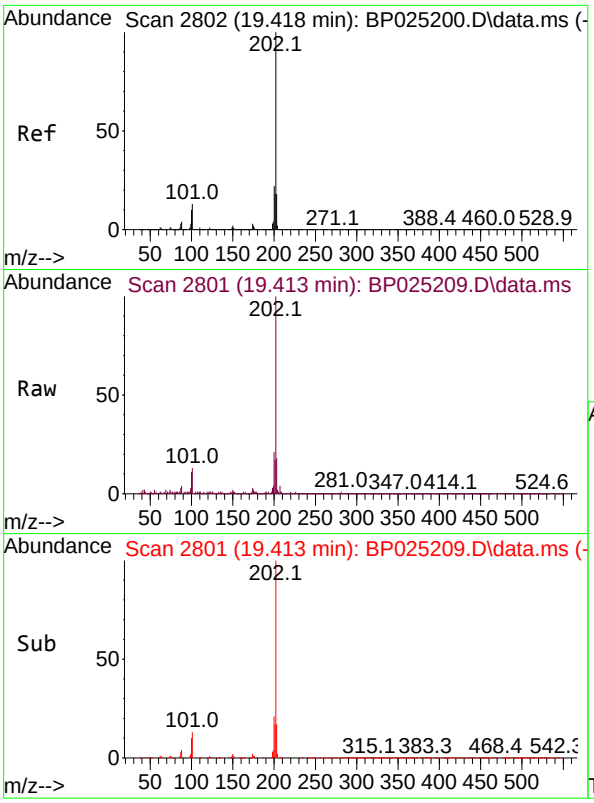


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.318 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:240 Resp: 3833110

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.8	13.2
236	25.8	20.9	31.3

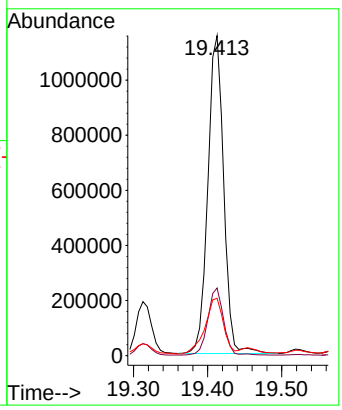




#78
Pyrene
Concen: 7.252 ng
RT: 19.413 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:202 Resp: 171394

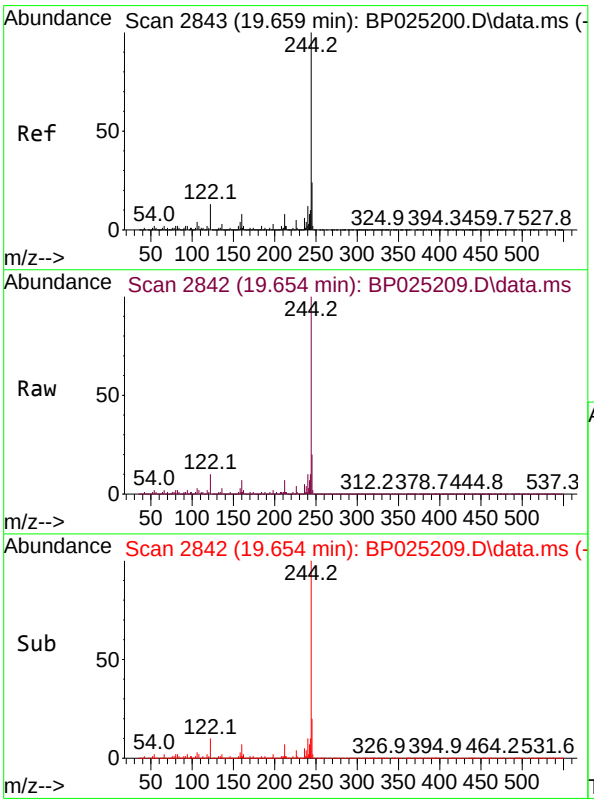
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.9	14.3	21.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

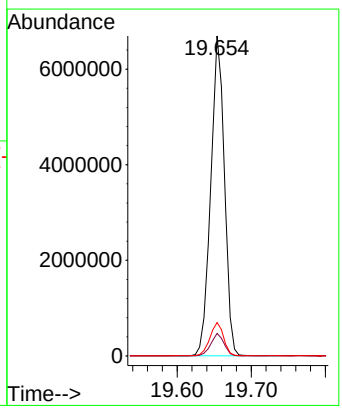
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

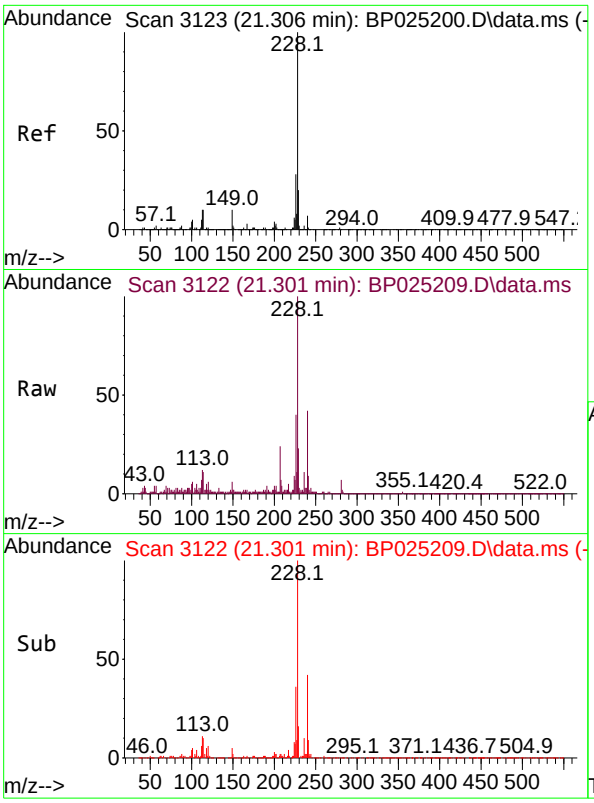


#79
Terphenyl-d14
Concen: 44.244 ng
RT: 19.654 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:244 Resp: 8591140

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	9.8
122	10.4	10.3	15.5

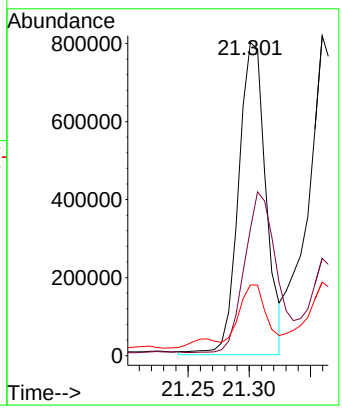




#81
Benzo(a)anthracene
Concen: 5.180 ng m
RT: 21.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:228 Resp: 125385

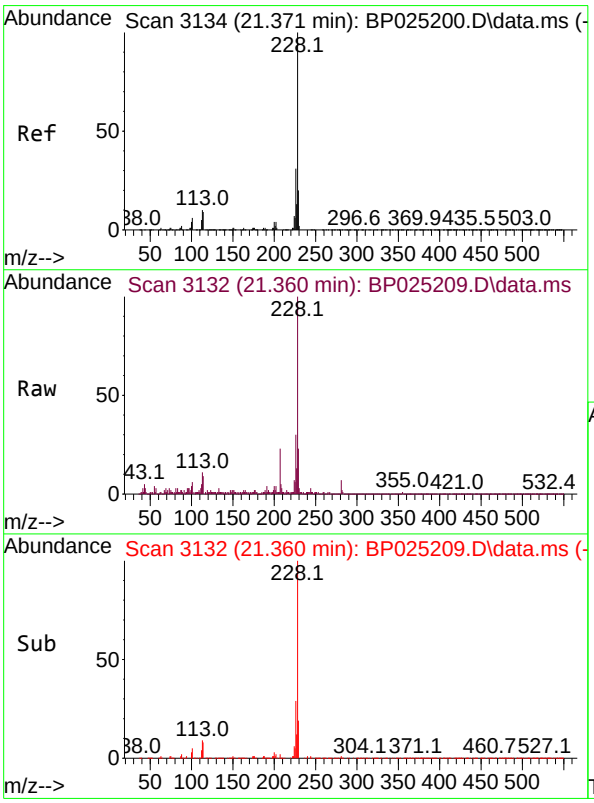
Ion	Ratio	Lower	Upper
228	100		
226	40.4	22.3	33.5#
229	22.6	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

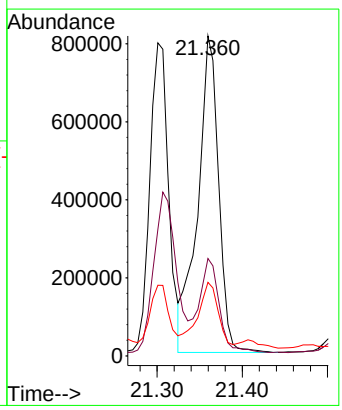
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

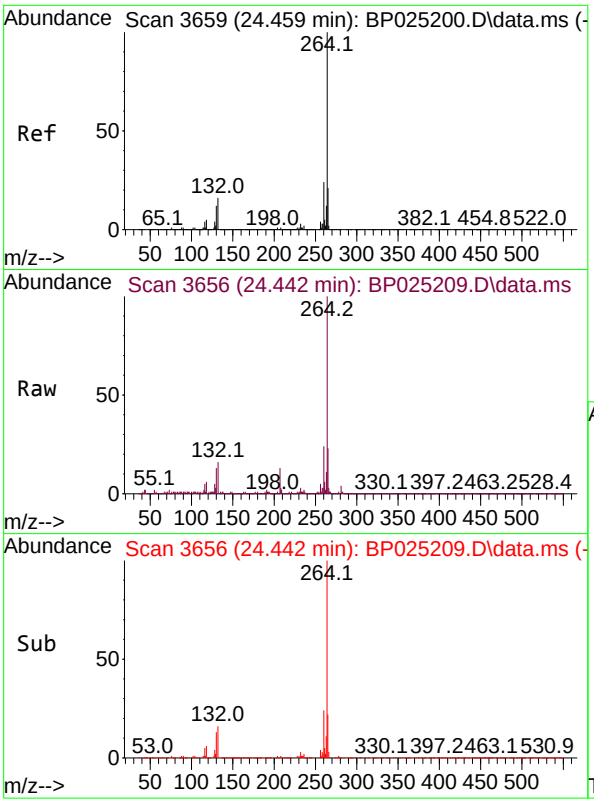


#83
Chrysene
Concen: 6.141 ng
RT: 21.360 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:228 Resp: 1387605

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	23.0	16.0	24.0

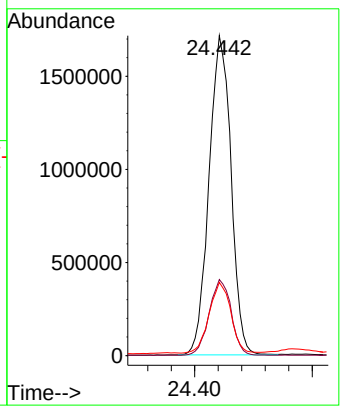




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.442 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:264 Resp: 446538

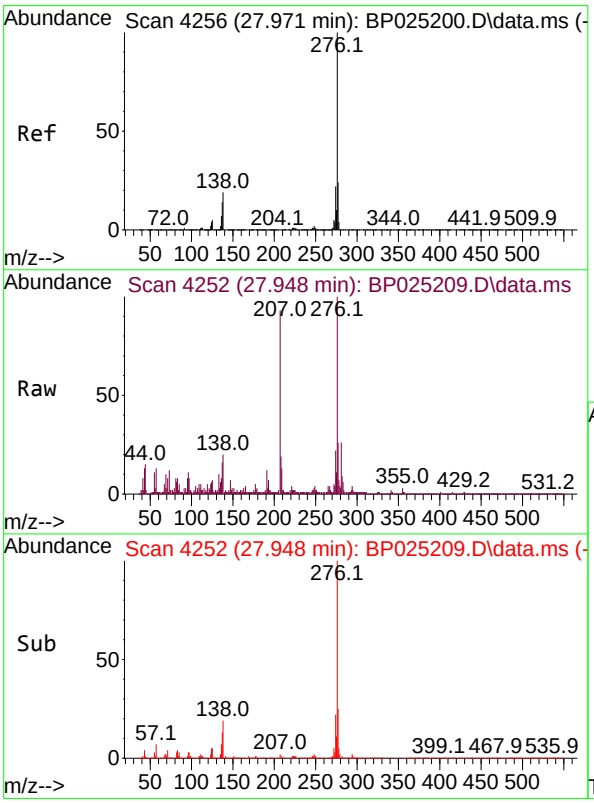
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.9	17.5	26.3



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

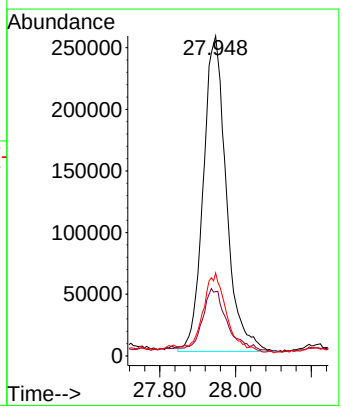
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

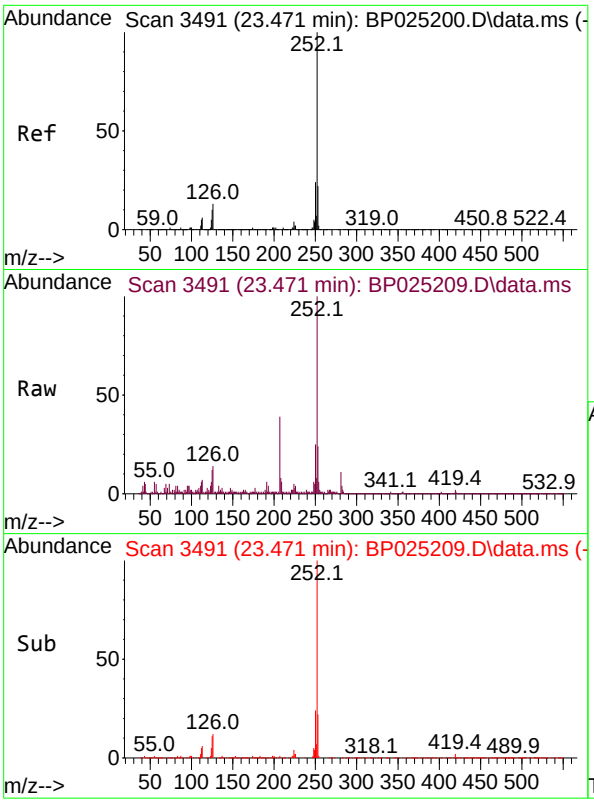


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.326 ng
RT: 27.948 min Scan# 4252
Delta R.T. -0.023 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:276 Resp: 1085417

Ion	Ratio	Lower	Upper
276	100		
138	21.9	12.8	19.2#
277	25.1	20.3	30.5

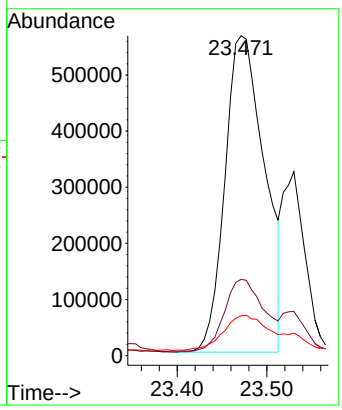




#88
Benzo(b)fluoranthene
Concen: 6.770 ng
RT: 23.471 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:252 Resp: 173047

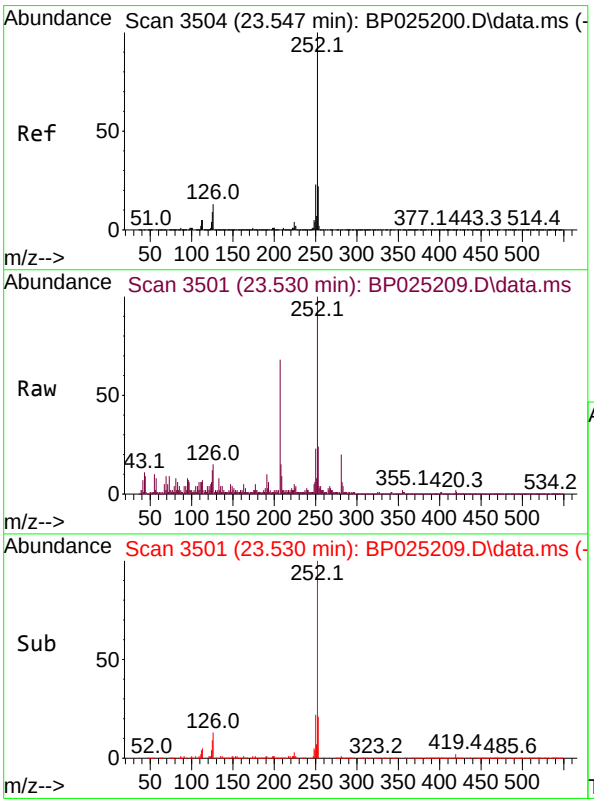
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.4	7.8	11.8#



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

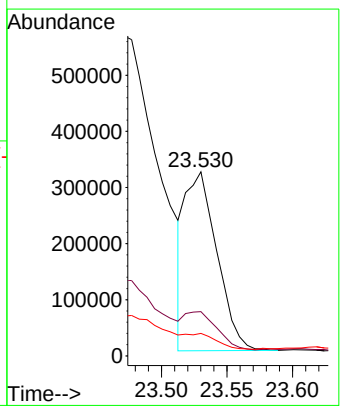
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

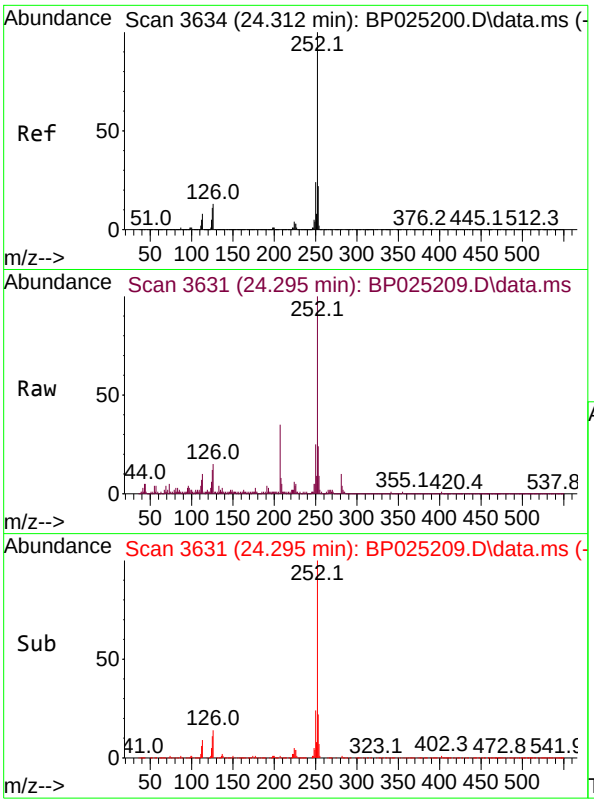


#89
Benzo(k)fluoranthene
Concen: 2.151 ng
RT: 23.530 min Scan# 3501
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:252 Resp: 542706

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	12.2	7.5	11.3#

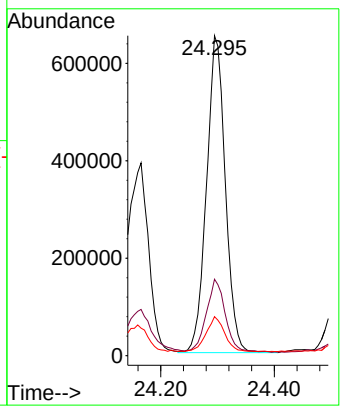




#90
Benzo(a)pyrene
Concen: 6.004 ng
RT: 24.295 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:252 Resp: 149733

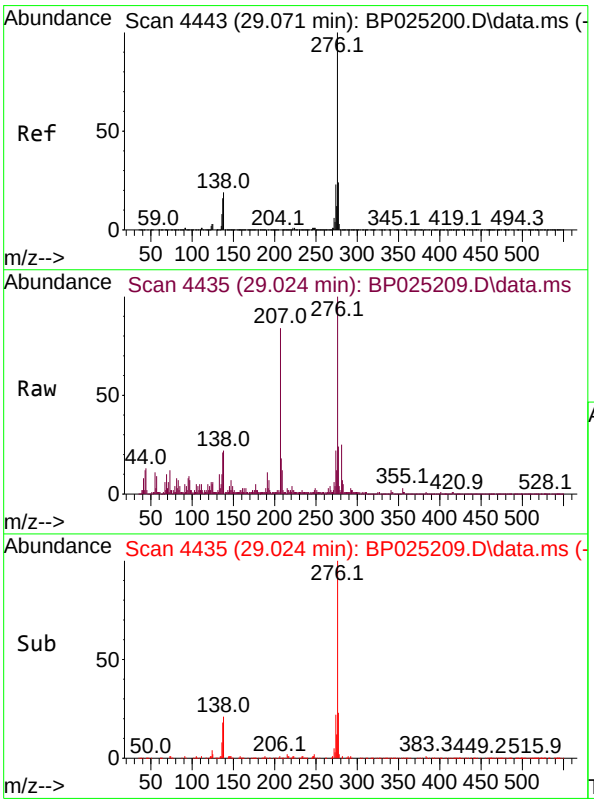
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	12.2	8.6	12.8



Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Manual Integrations
APPROVED

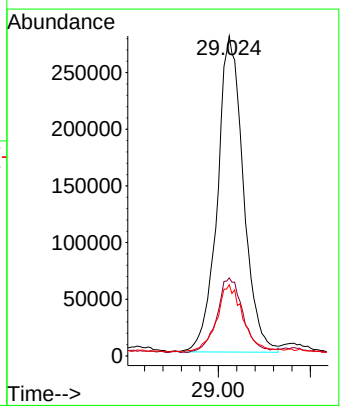
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#92
Benzo(g,h,i)perylene
Concen: 4.184 ng
RT: 29.024 min Scan# 4435
Delta R.T. -0.047 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:276 Resp: 1094765

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	22.2	15.4	23.2



Sample Results: **BP025209.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025209.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	287	293	302	rVB	671141	964269	4.19%	0.427%
2	5.108	362	369	387	rBV	7736523	11405648	49.52%	5.054%
3	6.637	621	629	644	rVB	7369810	11794239	51.20%	5.226%
4	7.431	757	764	772	rBV	3197248	4972905	21.59%	2.203%
5	8.560	944	956	964	rBV	5039921	8002297	34.74%	3.546%
6	10.172	1223	1230	1237	rBV	4241755	6822640	29.62%	3.023%
7	12.666	1647	1654	1662	rBV	12616386	18568768	80.62%	8.227%
8	13.519	1789	1799	1803	rBV5	182761	499321	2.17%	0.221%
9	13.784	1839	1844	1851	rVB	491981	794586	3.45%	0.352%
10	13.919	1862	1867	1874	rBV7	121821	258172	1.12%	0.114%
11	14.066	1886	1892	1900	rBV	5703553	8652519	37.56%	3.834%
12	14.542	1970	1973	1982	rVB5	138328	252597	1.10%	0.112%
13	14.766	2004	2011	2016	rBV2	548581	1137686	4.94%	0.504%
14	14.942	2036	2041	2044	rBV2	377591	610696	2.65%	0.271%
15	15.478	2127	2132	2141	rVB	817824	1371369	5.95%	0.608%
16	15.607	2145	2154	2164	rBV	9103134	13949906	60.56%	6.181%
17	16.119	2237	2241	2246	rBV2	314198	460730	2.00%	0.204%
18	16.330	2273	2277	2283	rBV2	468891	631515	2.74%	0.280%
19	16.466	2297	2300	2304	rVB2	208125	238582	1.04%	0.106%
20	16.889	2367	2372	2377	rBV2	6864077	9185606	39.88%	4.070%
21	16.930	2377	2379	2386	rVB	637619	731272	3.17%	0.324%
22	17.007	2388	2392	2394	rBV2	425107	599317	2.60%	0.266%
23	17.619	2492	2496	2504	rVB5	510871	984306	4.27%	0.436%
24	17.742	2514	2517	2523	rBV5	208267	395211	1.72%	0.175%
25	17.819	2523	2530	2532	rBV2	297475	608636	2.64%	0.270%
26	17.883	2533	2541	2547	rVV2	6155781	9265870	40.23%	4.105%
27	17.930	2547	2549	2555	rVB	625634	823628	3.58%	0.365%
28	18.001	2556	2561	2565	rBV2	430167	844984	3.67%	0.374%
29	18.142	2581	2585	2587	rBV2	349879	505409	2.19%	0.224%
30	18.172	2588	2590	2602	rVB7	434746	971592	4.22%	0.430%
31	18.777	2689	2693	2698	rBV2	640810	1064891	4.62%	0.472%
32	18.913	2712	2716	2719	rBV2	421645	664486	2.88%	0.294%
33	19.030	2732	2736	2741	rBV	2277855	3293650	14.30%	1.459%
34	19.101	2744	2748	2749	rBV3	383601	534054	2.32%	0.237%
35	19.224	2762	2769	2779	rVB2	1796327	3096277	13.44%	1.372%
36	19.313	2781	2784	2792	rVB	452674	693910	3.01%	0.307%

Sample Results: **BP025209.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.413	2793	2801	2805	rBV	2465567	3964117	17.21%	1.756%
38	19.654	2836	2842	2854	rVB	17707383	23033667	100.00%	10.206%
39	19.771	2858	2862	2868	rBV2	466705	804109	3.49%	0.356%
40	19.942	2883	2891	2895	rVB	1122674	2199056	9.55%	0.974%
41	20.107	2916	2919	2922	rVB2	461568	540559	2.35%	0.240%
42	20.213	2933	2937	2941	rBV3	654557	1107116	4.81%	0.491%
43	20.260	2942	2945	2948	rVV	657224	712904	3.10%	0.316%
44	20.301	2949	2952	2956	rVB	586934	777148	3.37%	0.344%
45	20.342	2957	2959	2961	rBV2	361315	394849	1.71%	0.175%
46	20.507	2984	2987	2993	rBV	696977	930406	4.04%	0.412%
47	21.054	3076	3080	3089	rVB2	1953162	3217767	13.97%	1.426%
48	21.318	3117	3125	3130	rBV3	8140370	14633688	63.53%	6.484%
49	21.360	3130	3132	3137	rVB	1817100	2177315	9.45%	0.965%
50	22.230	3275	3280	3287	rVB4	2094001	3872225	16.81%	1.716%
51	23.107	3426	3429	3437	rVB3	933981	1727102	7.50%	0.765%
52	23.736	3529	3536	3544	rBV2	3630643	8194570	35.58%	3.631%
53	24.295	3626	3631	3645	rVB	1699868	4479541	19.45%	1.985%
54	24.442	3649	3656	3664	rVB	4188470	10592262	45.99%	4.693%
55	25.454	3823	3828	3842	rVB2	1775921	4282623	18.59%	1.898%
56	25.812	3882	3889	3900	rVB2	2955639	9453234	41.04%	4.188%
57	29.712	4548	4552	4560	rBV6	1005465	2949687	12.81%	1.307%

Sum of corrected areas: 225695489

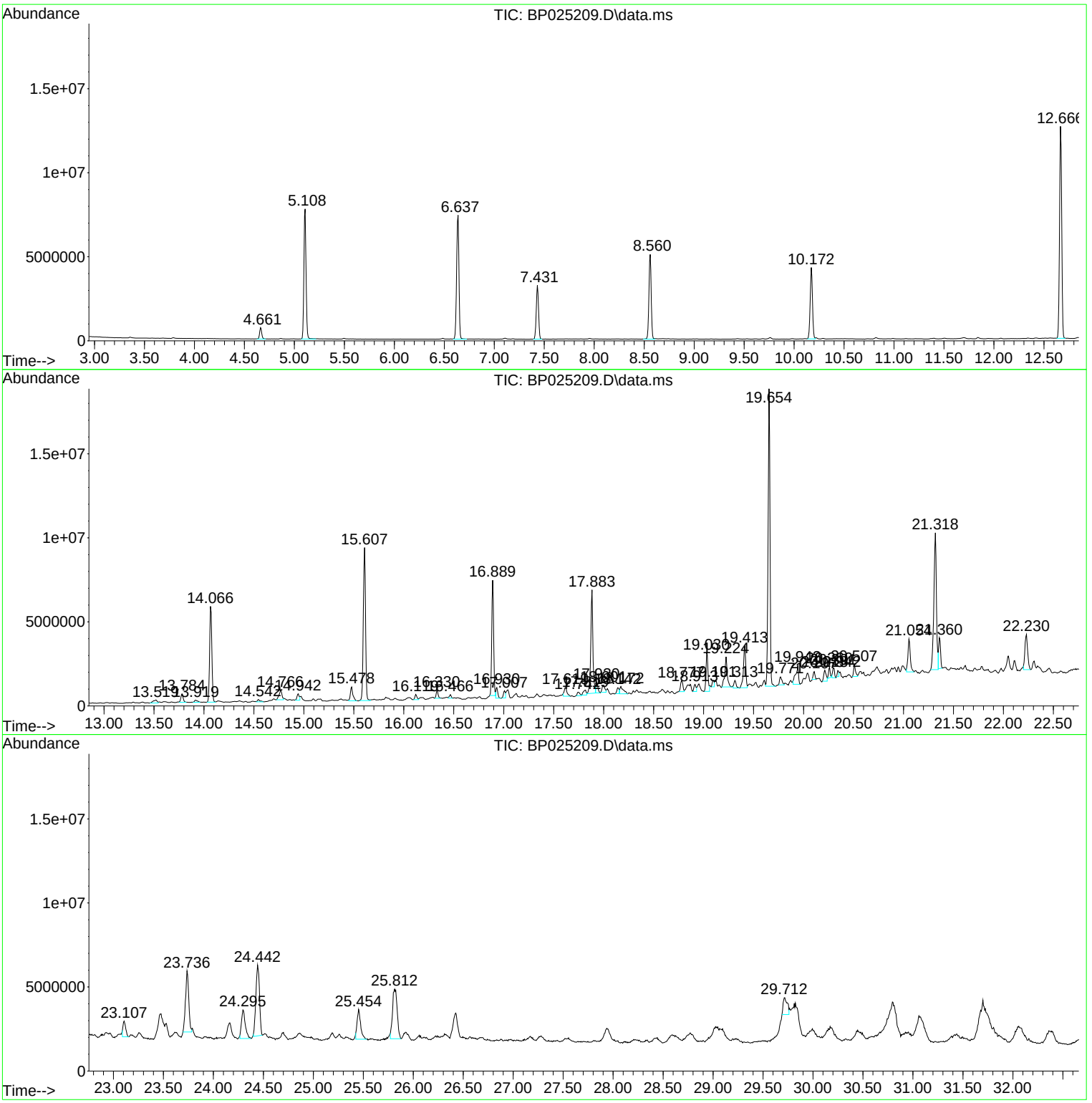
Sample Results: **BP025209.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **BP025209.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Sample Results: **BP025209.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **BP025210.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
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
BP025210.D	1	07/21/25 09:30	07/22/25 11:51	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.12	J	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.13	J	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.088	J	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.33		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.45		0.045	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.30		0.029	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.35		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.35		0.024	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.12	J	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.32		0.037	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.17	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.21		0.032	0.16	0.21	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	50.2		37 - 122		50%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.2		44 - 115		52%	SPK: 100
1718-51-0	Terphenyl-d14	51.8	*	54 - 127		52%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	870000	7.437				
1146-65-2	Naphthalene-d8	3340000	10.172				
15067-26-2	Acenaphthene-d10	1980000	14.078				
1517-22-2	Phenanthrene-d10	3640000	16.889				
1719-03-5	Chrysene-d12	3560000	21.324				
1520-96-3	Perylene-d12	4140000	24.46				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **BP025210.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
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
BP025210.D	1	07/21/25 09:30	07/22/25 11:51	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 12:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	870169	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	3344284	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1975954	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	3638856	20.000	ng		0.00
76) Chrysene-d12	21.324	240	3558679	20.000	ng		0.00
86) Perylene-d12	24.460	264	4138303	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	3955332	76.802	ng		0.00
7) Phenol-d6	6.637	99	4880822	76.520	ng		0.00
23) Nitrobenzene-d5	8.566	82	3022658	50.229	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	2274627	78.086	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	7321746	52.240	ng		0.00
79) Terphenyl-d14	19.660	244	9342690	51.825	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.795	152	540510	2.988	ng		100
71) Phenanthrene	16.931	178	620121	3.160	ng		100
72) Anthracene	17.036	178	420458	2.127	ng		98
75) Fluoranthene	19.036	202	1872149	8.105	ng		99
78) Pyrene	19.413	202	2367877	10.791	ng		98
81) Benzo(a)anthracene	21.307	228	1620605m	7.211	ng		
83) Chrysene	21.366	228	1784185	8.505	ng		97
87) Indeno(1,2,3-cd)pyrene	27.971	276	1259500	4.165	ng	#	95
88) Benzo(b)fluoranthene	23.460	252	2032653	8.581	ng	#	96
89) Benzo(k)fluoranthene	23.524	252	671504m	2.871	ng		
90) Benzo(a)pyrene	24.289	252	1794768	7.766	ng		97
92) Benzo(g,h,i)perylene	29.059	276	1256583	5.182	ng		96

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

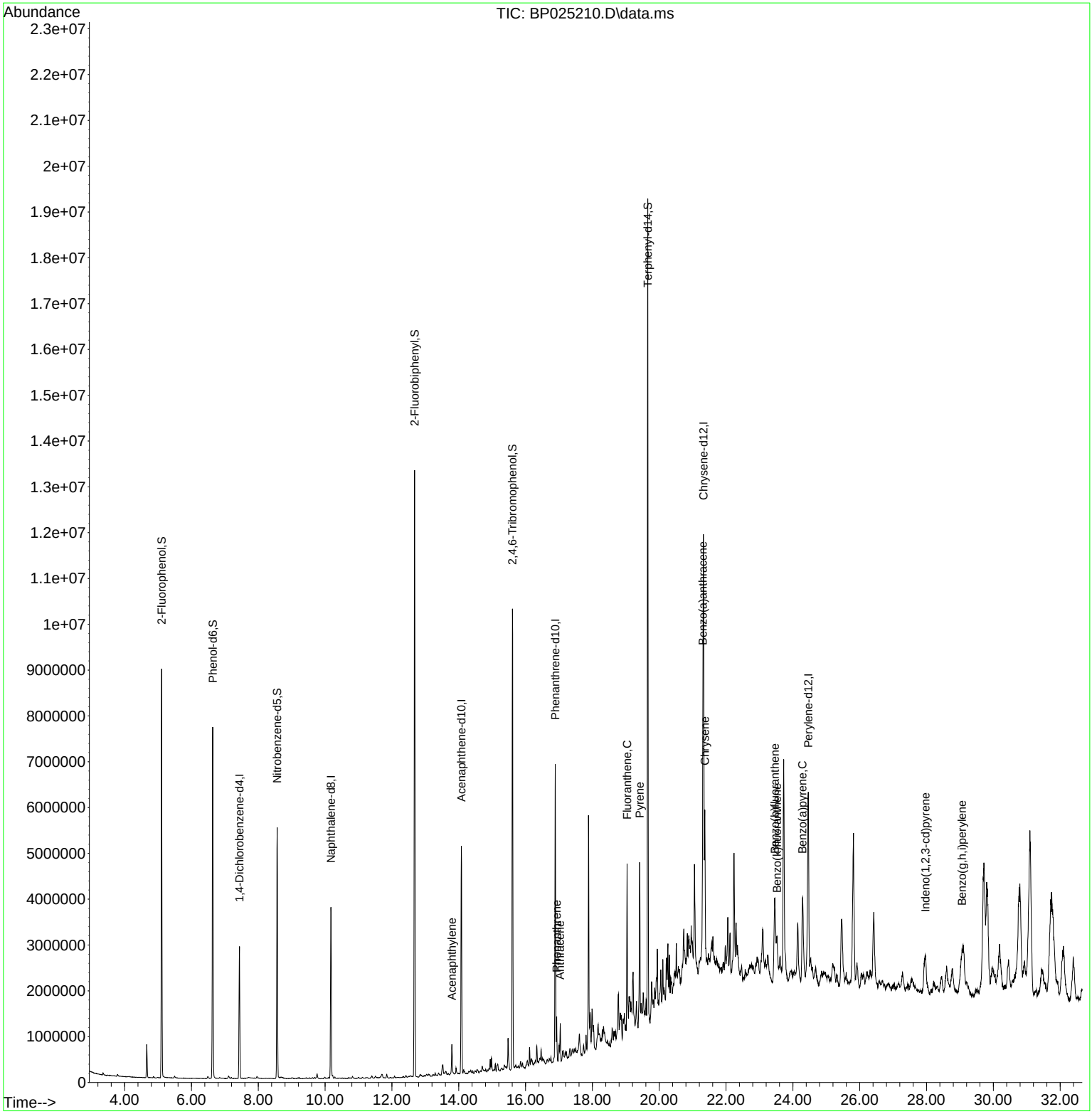
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Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

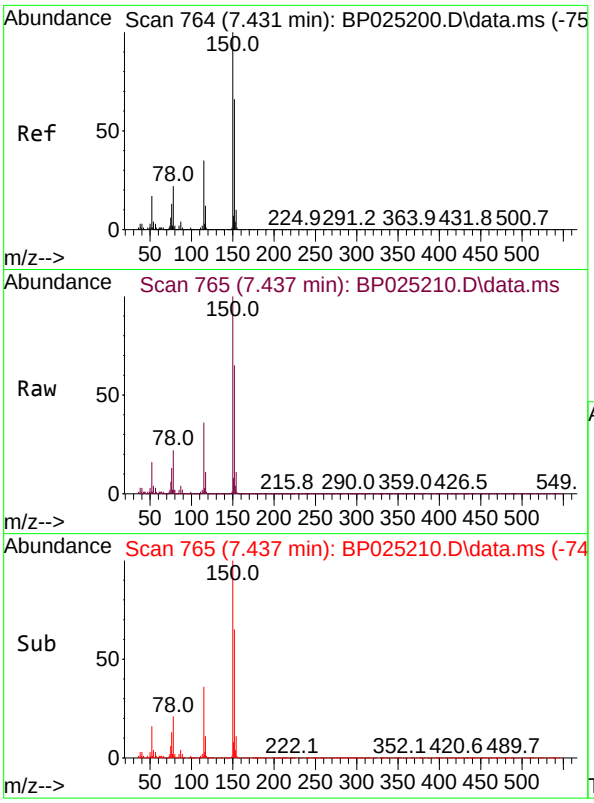
Quant Time: Jul 22 12:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

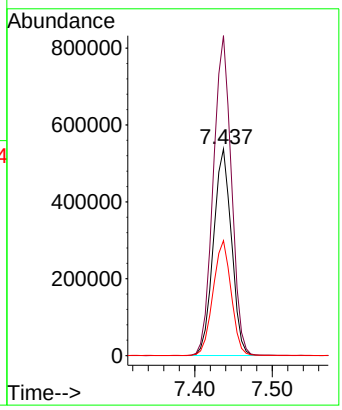




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:152 Resp: 87016

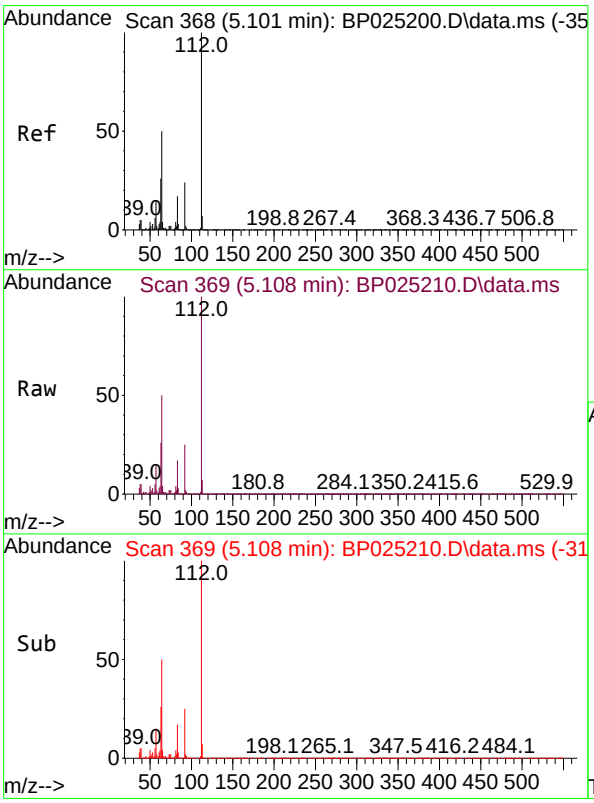
Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.9	182.9
115	55.6	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

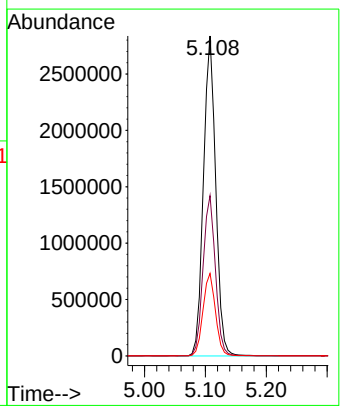
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

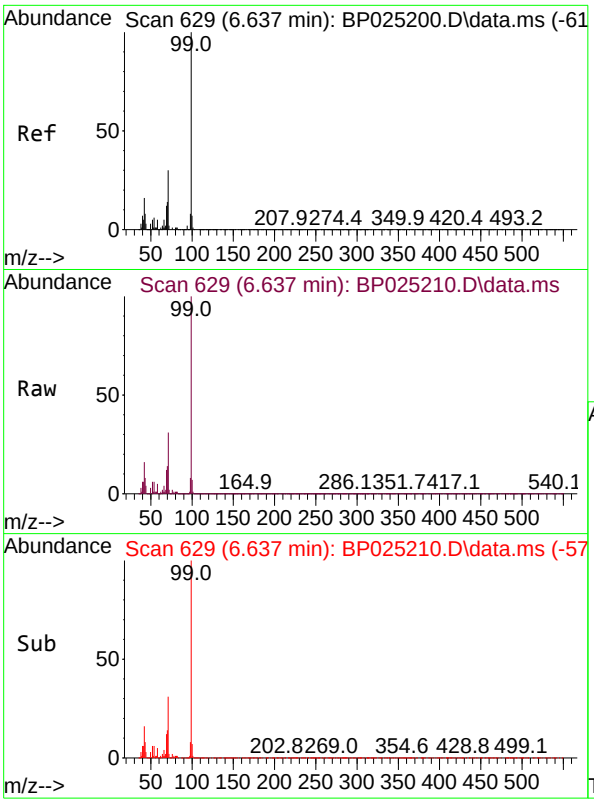


#5
2-Fluorophenol
Concen: 76.802 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:112 Resp: 3955332

Ion	Ratio	Lower	Upper
112	100		
64	50.1	39.8	59.6
63	25.8	20.5	30.7

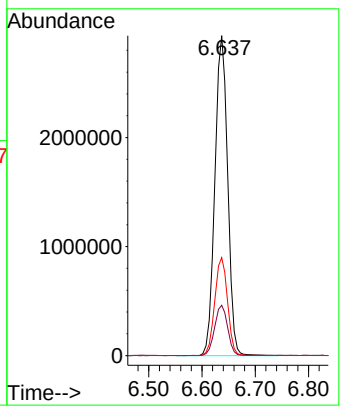




#7
Phenol-d6
Concen: 76.520 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion: 99 Resp: 488082

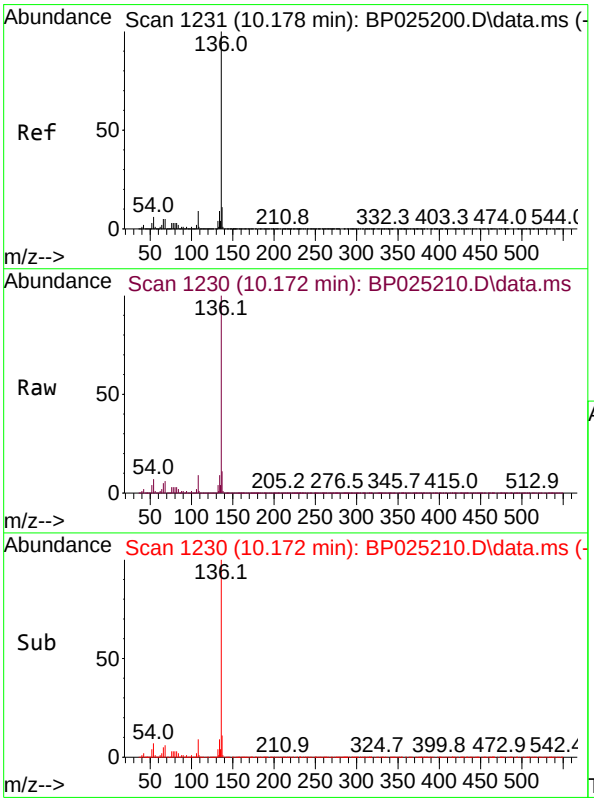
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.6	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

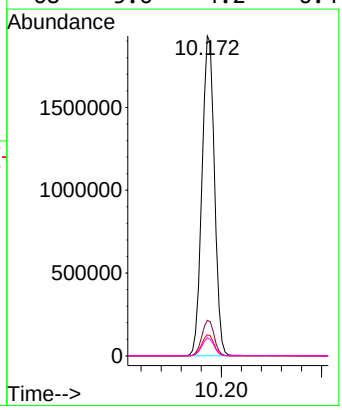
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

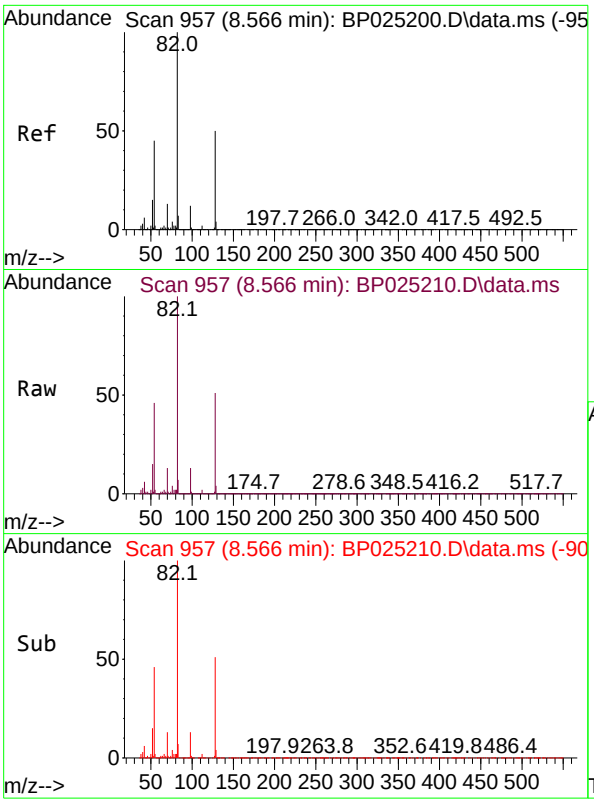


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:136 Resp: 3344284

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.6	5.1	7.7
68	5.6	4.2	6.4

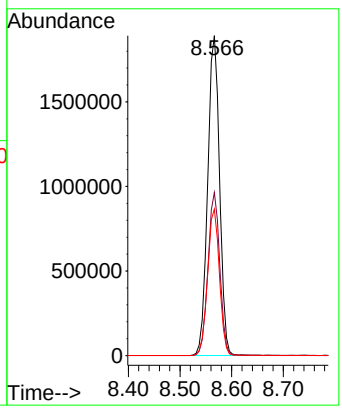




#23
Nitrobenzene-d5
Concen: 50.229 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion: 82 Resp: 302265

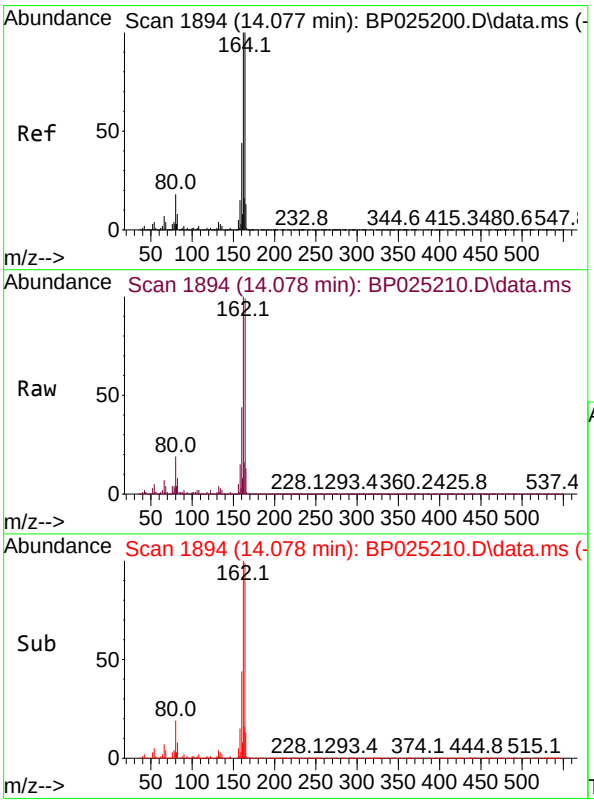
Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.2	60.4
54	45.8	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

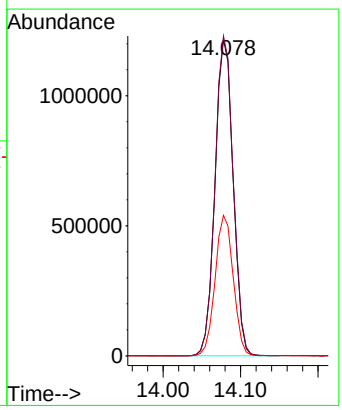
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

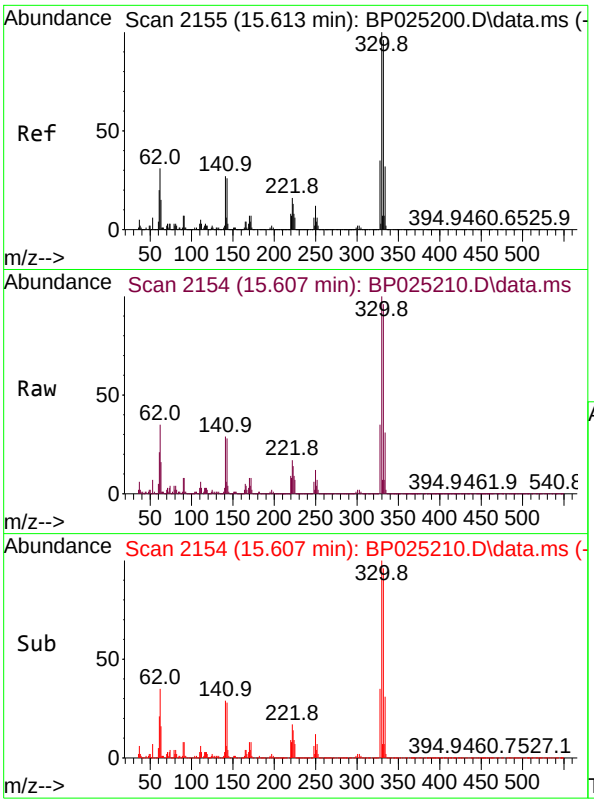


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:164 Resp: 1975954

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	44.4	35.7	53.5

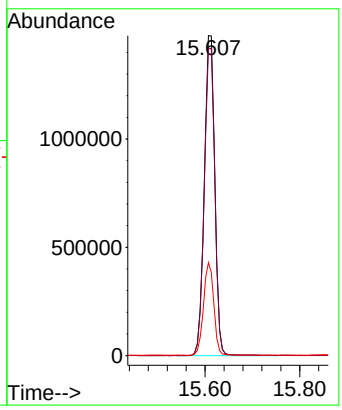




#42
2,4,6-Tribromophenol
Concen: 78.086 ng
RT: 15.607 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:330 Resp: 227462

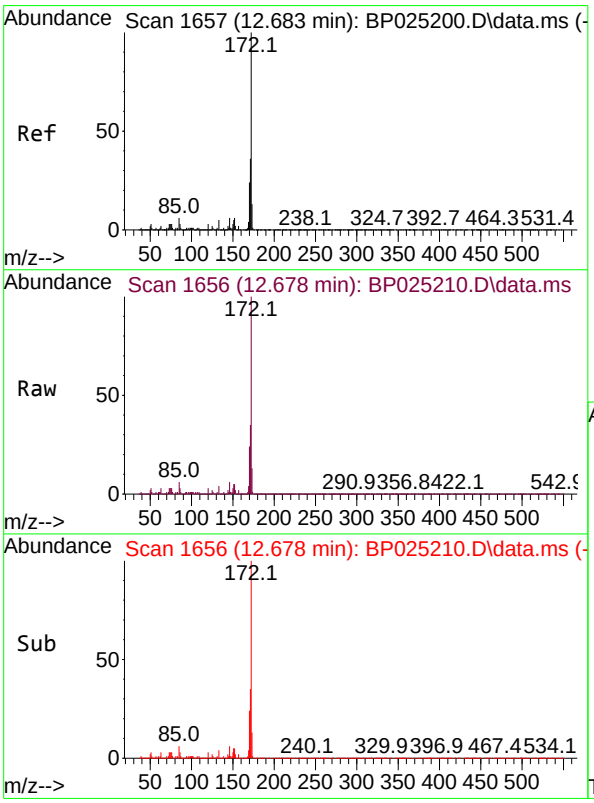
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	28.2	22.4	33.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

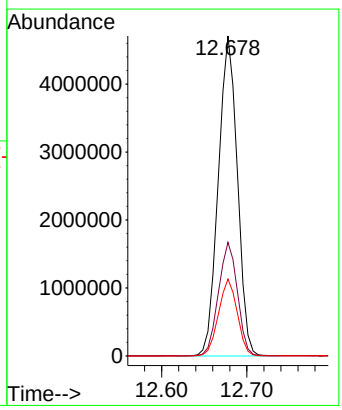
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

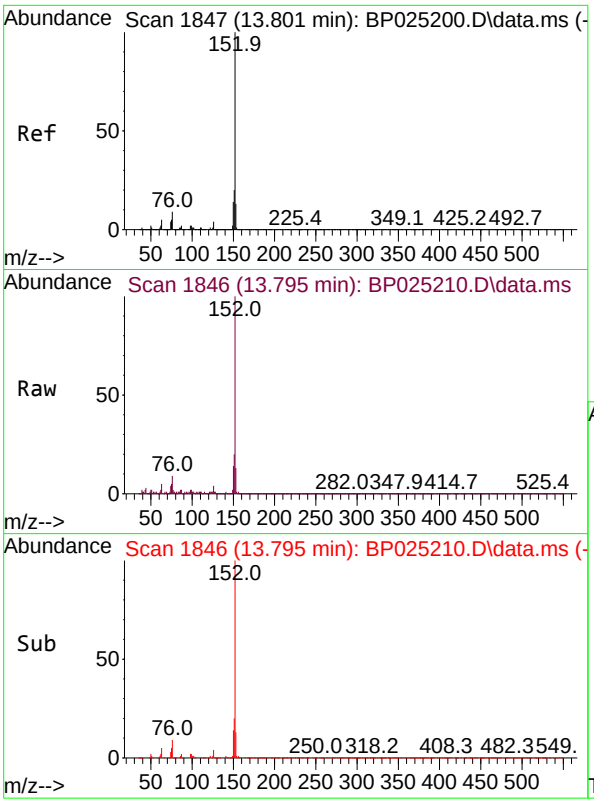


#45
2-Fluorobiphenyl
Concen: 52.240 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:172 Resp: 7321746

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	24.0	19.2	28.8

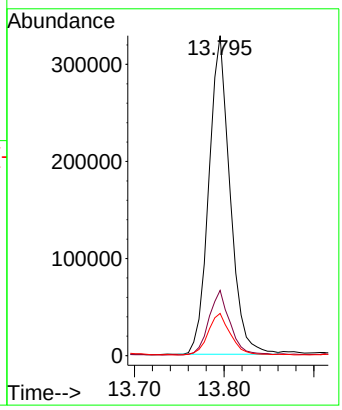




#49
Acenaphthylene
Concen: 2.988 ng
RT: 13.795 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:152 Resp: 54051

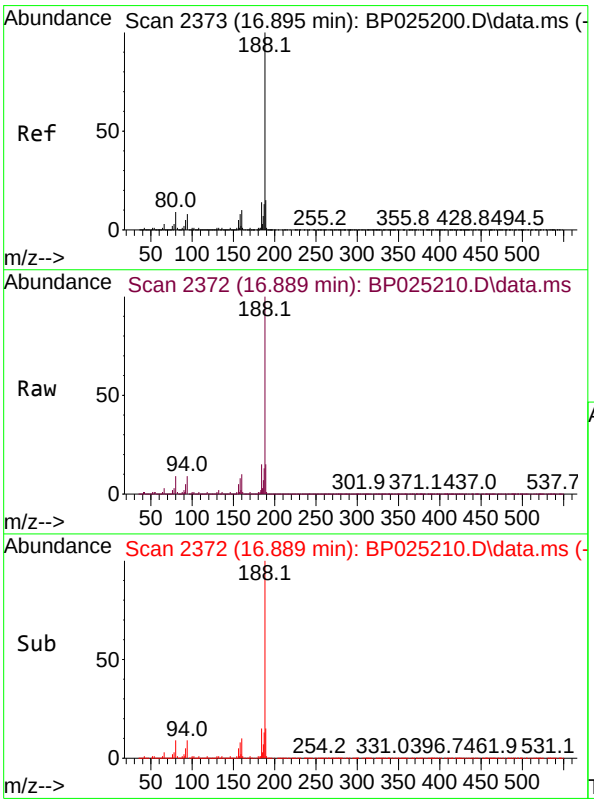
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

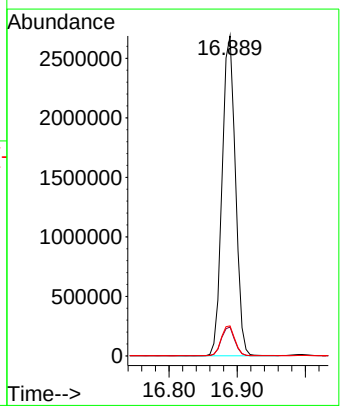
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

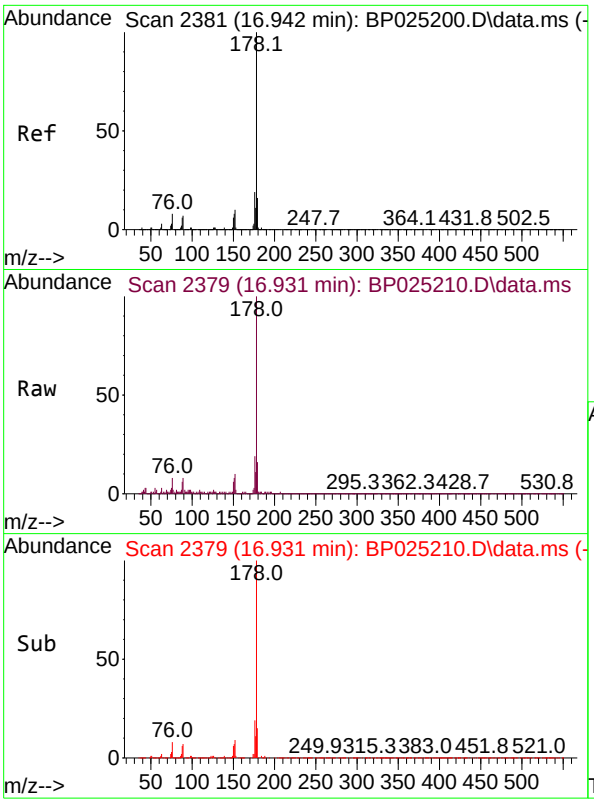


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:188 Resp: 3638856

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.4	7.3	10.9

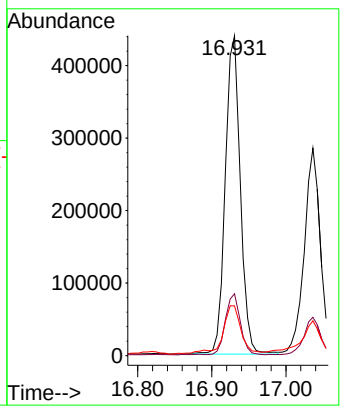




#71
Phenanthrene
Concen: 3.160 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:178 Resp: 62012

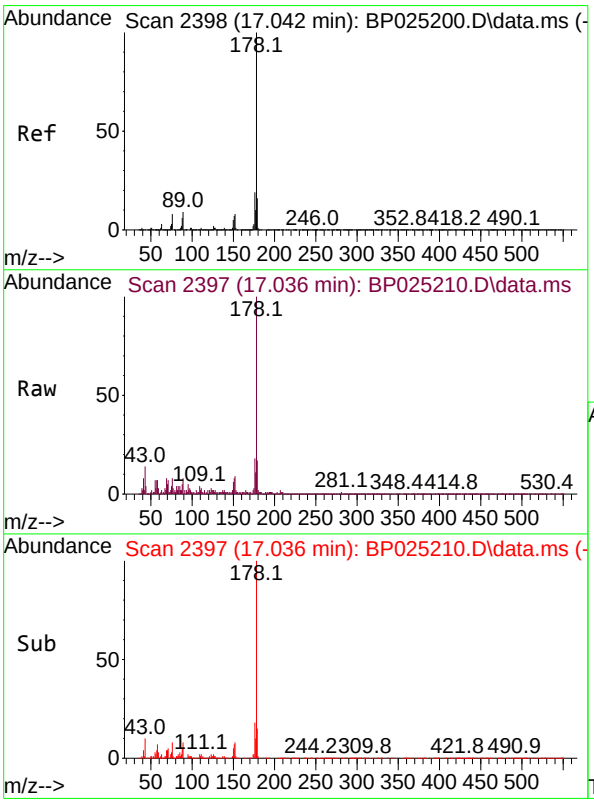
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

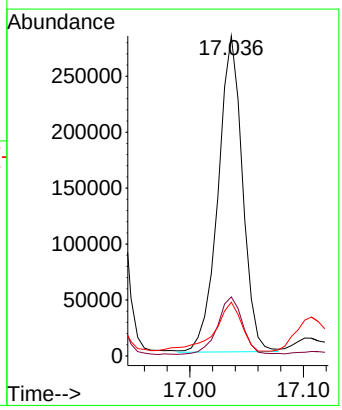
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

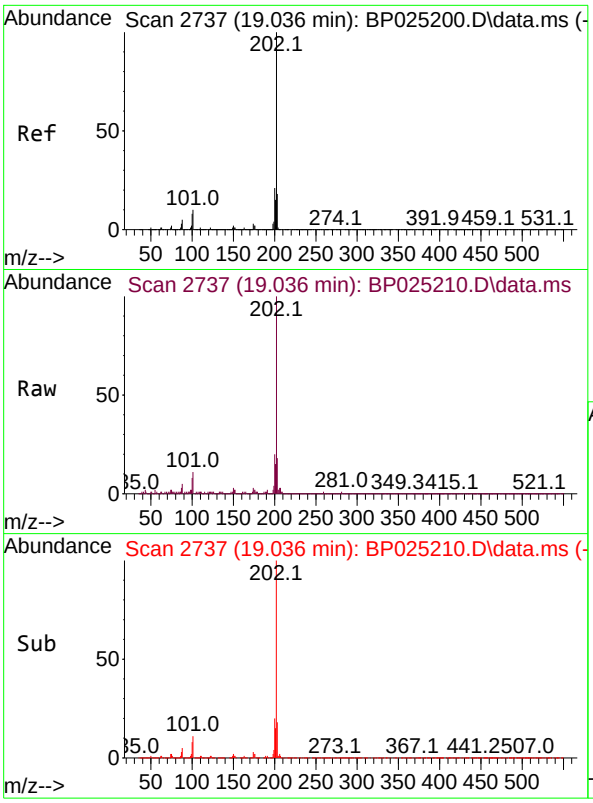


#72
Anthracene
Concen: 2.127 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:178 Resp: 420458

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.8	12.5	18.7

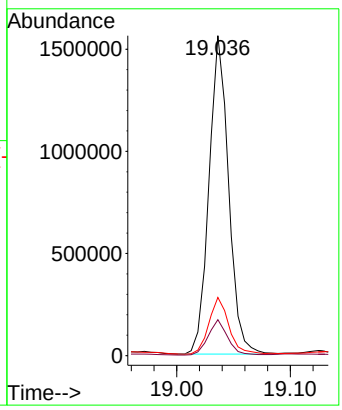




#75
Fluoranthene
Concen: 8.105 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:202 Resp: 187214

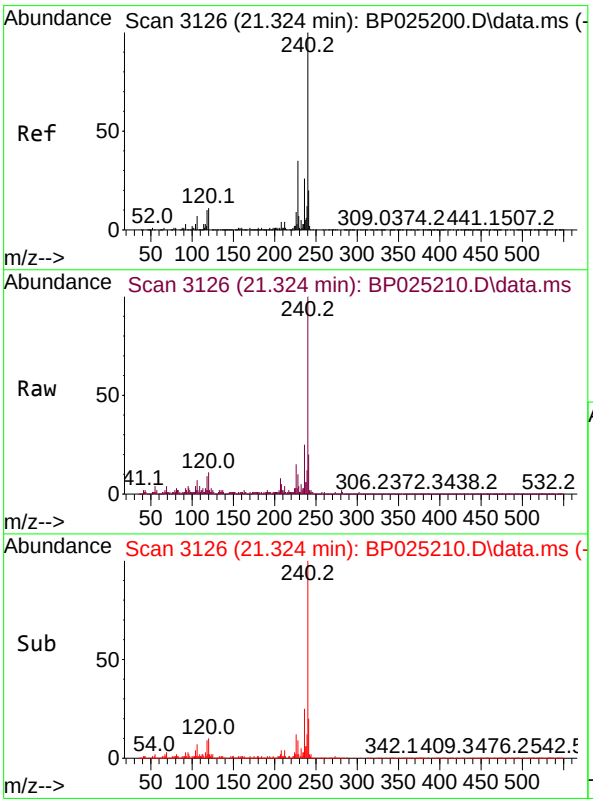
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.2	0.0	38.0



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

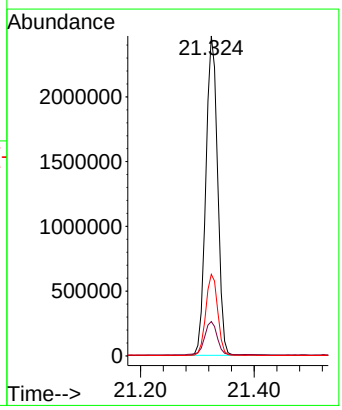
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

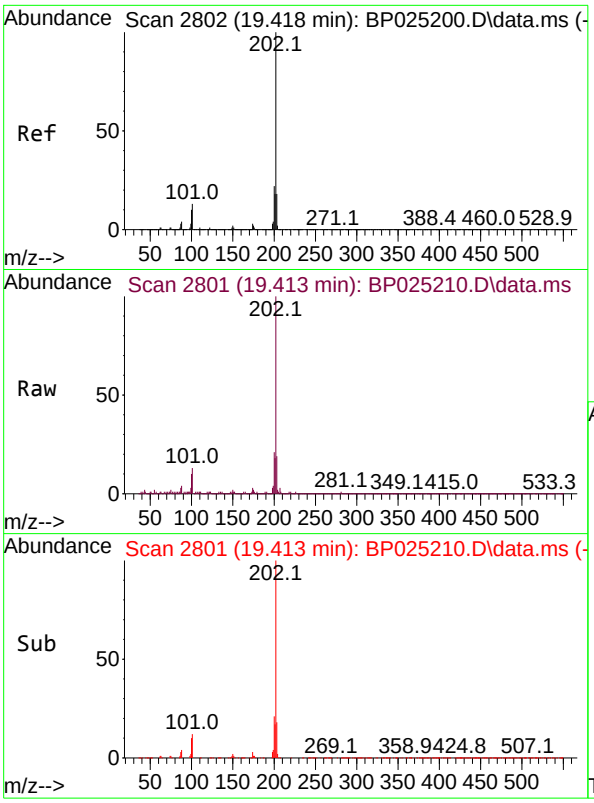


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:240 Resp: 3558679

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	25.5	20.9	31.3

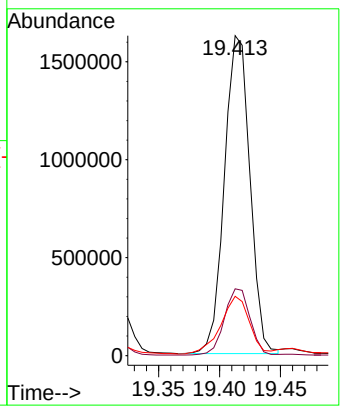




#78
Pyrene
Concen: 10.791 ng
RT: 19.413 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:202 Resp: 236787

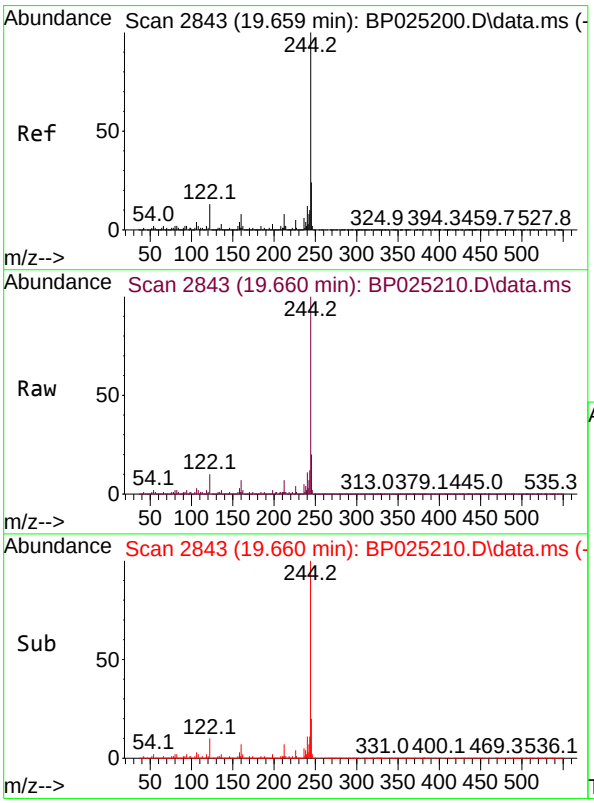
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.5	14.3	21.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

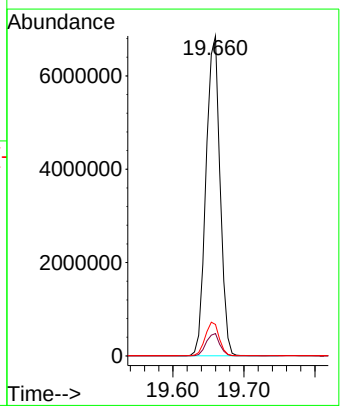
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

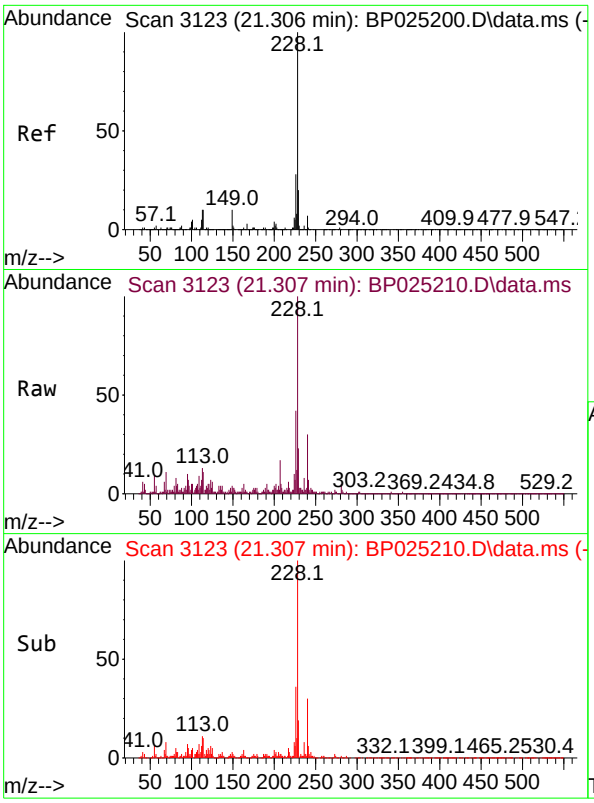


#79
Terphenyl-d14
Concen: 51.825 ng
RT: 19.660 min Scan# 2843
Delta R.T. 0.001 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:244 Resp: 9342690

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	9.8
122	9.8	10.3	15.5#

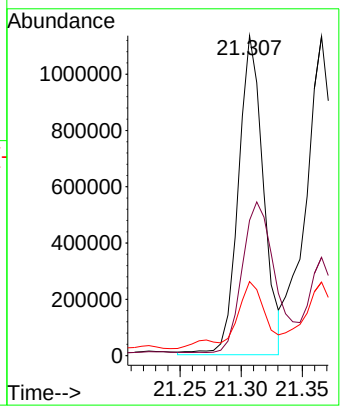




#81
Benzo(a)anthracene
Concen: 7.211 ng m
RT: 21.307 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:228 Resp: 162060

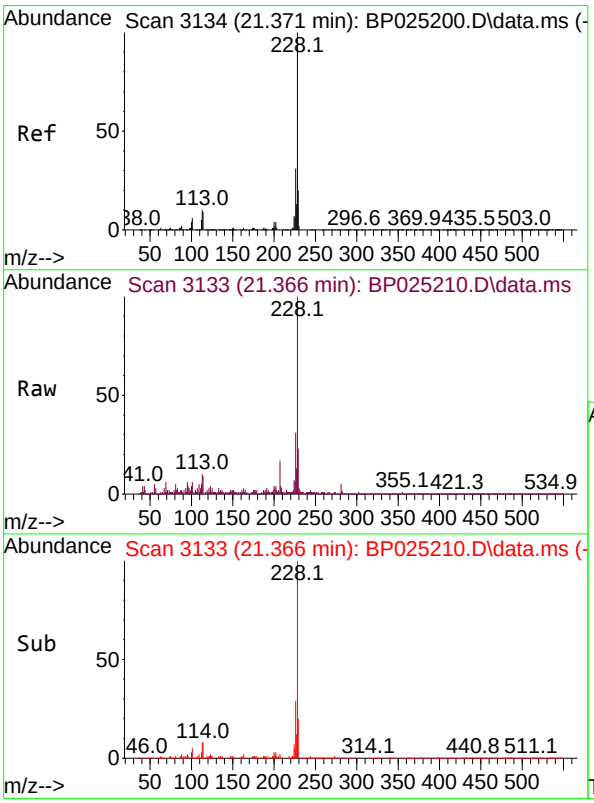
Ion	Ratio	Lower	Upper
228	100		
226	42.3	22.3	33.5#
229	23.1	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

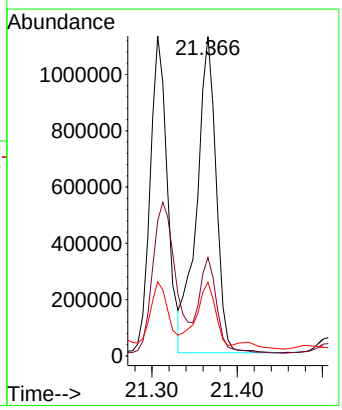
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

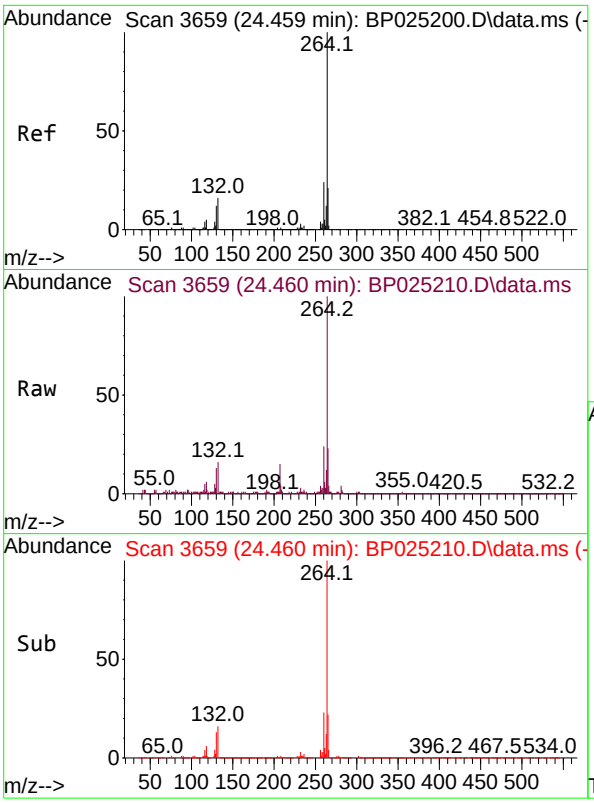


#83
Chrysene
Concen: 8.505 ng
RT: 21.366 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:228 Resp: 1784185

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	23.0	16.0	24.0

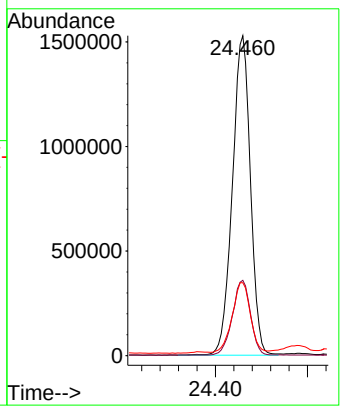




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:264 Resp: 413830

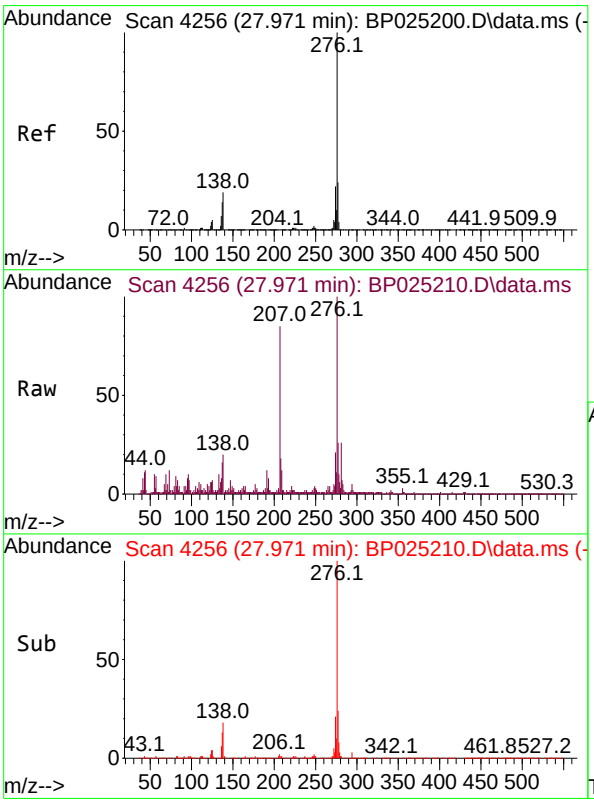
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.8	17.5	26.3



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

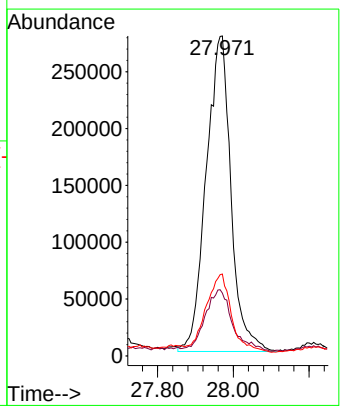
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

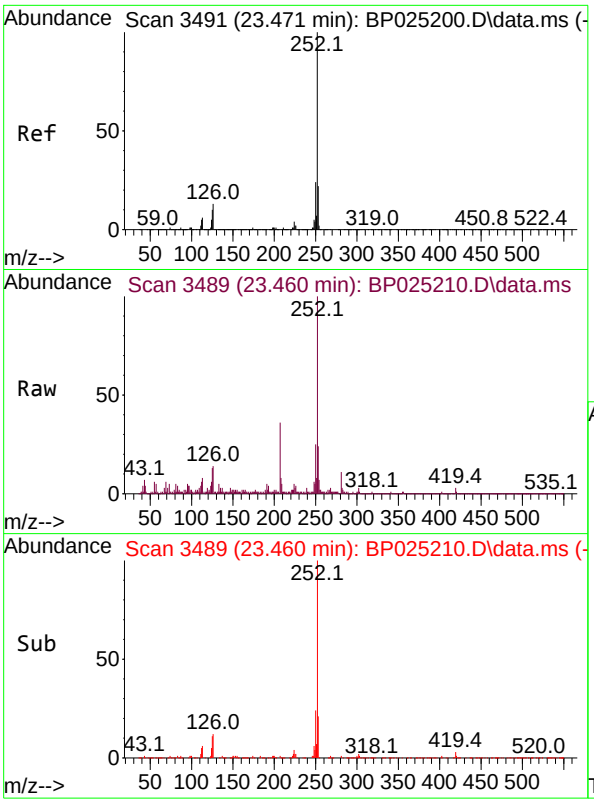


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.165 ng
RT: 27.971 min Scan# 4256
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:276 Resp: 1259500

Ion	Ratio	Lower	Upper
276	100		
138	21.6	12.8	19.2#
277	25.5	20.3	30.5

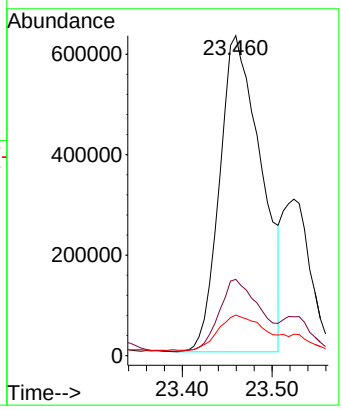




#88
Benzo(b)fluoranthene
Concen: 8.581 ng
RT: 23.460 min Scan# 34
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:252 Resp: 203265

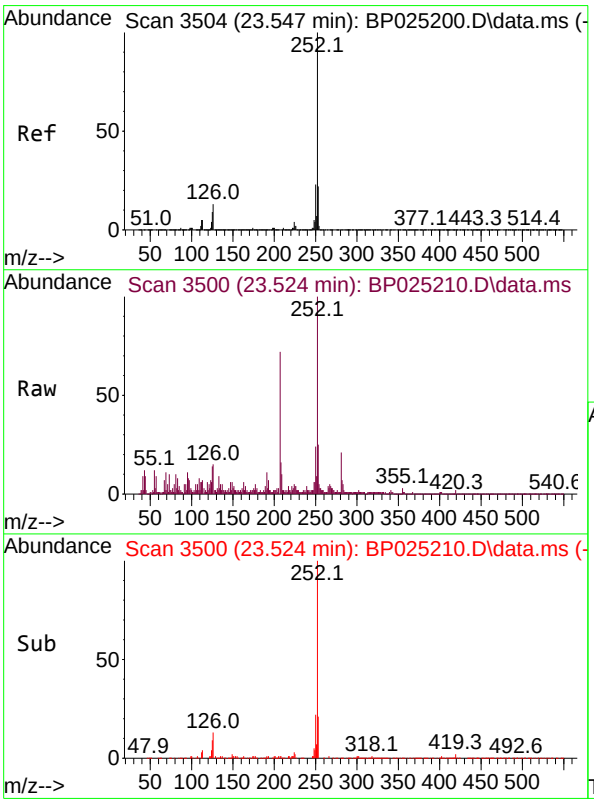
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.7	7.8	11.8#



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

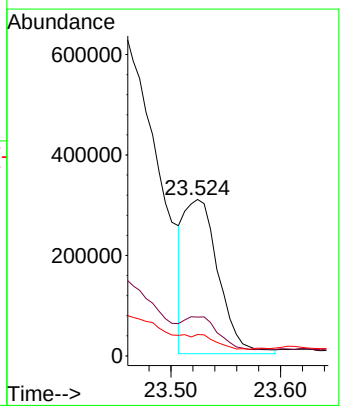
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

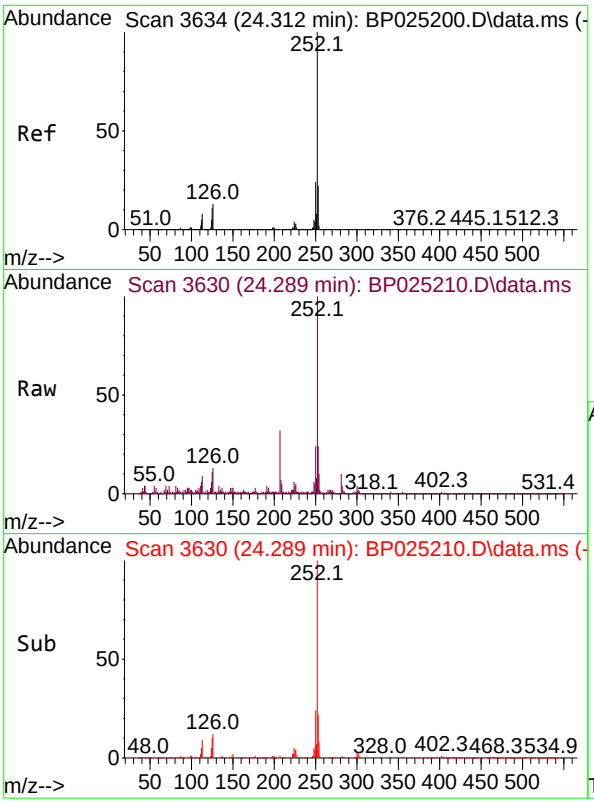


#89
Benzo(k)fluoranthene
Concen: 2.871 ng m
RT: 23.524 min Scan# 3500
Delta R.T. -0.023 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:252 Resp: 671504

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	13.6	7.5	11.3#

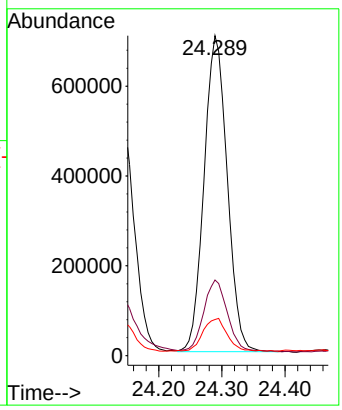




#90
Benzo(a)pyrene
Concen: 7.766 ng
RT: 24.289 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:252 Resp: 179476

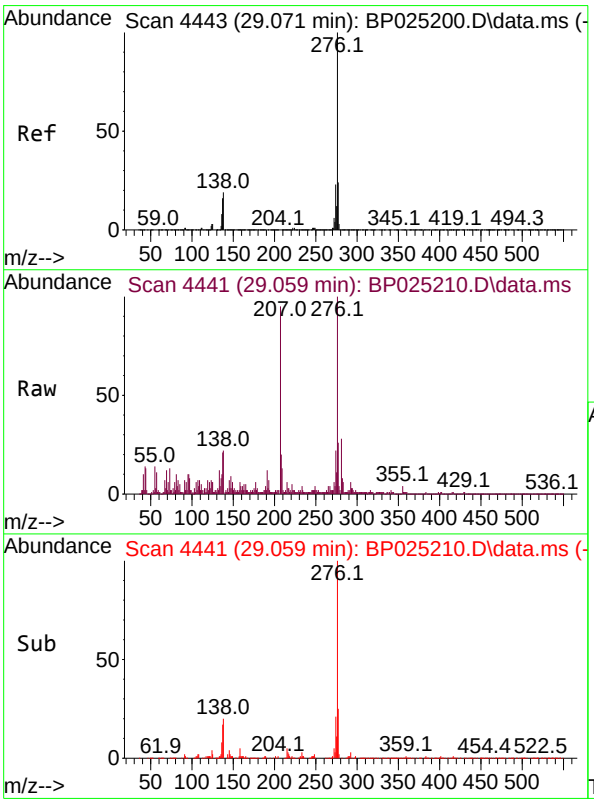
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	11.3	8.6	12.8



Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Manual Integrations
APPROVED

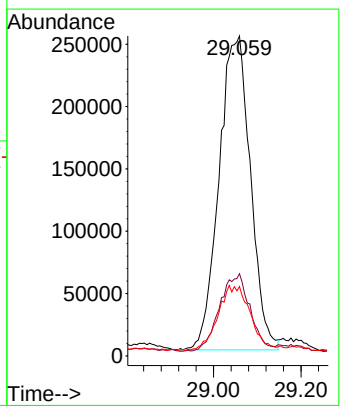
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#92
Benzo(g,h,i)perylene
Concen: 5.182 ng
RT: 29.059 min Scan# 4441
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:276 Resp: 1256583

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.2	28.8
138	21.7	15.4	23.2



Sample Results: **BP025210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	287	293	303	rBV	725741	1082900	4.26%	0.427%
2	5.108	362	369	380	rBV	8928492	12508561	49.26%	4.936%
3	6.637	619	629	642	rBV	7668154	12943524	50.98%	5.108%
4	7.437	757	765	774	rVB	2880258	4688369	18.46%	1.850%
5	8.566	945	957	966	rBV	5482750	8809429	34.69%	3.477%
6	10.172	1223	1230	1237	rBV	3729738	6442892	25.37%	2.543%
7	12.678	1648	1656	1666	rVB	13238616	20333348	80.08%	8.024%
8	13.507	1791	1797	1798	rBV3	198522	281888	1.11%	0.111%
9	13.795	1840	1846	1852	rBV	634334	982788	3.87%	0.388%
10	14.078	1887	1894	1902	rBV	4967783	8115227	31.96%	3.203%
11	14.942	2037	2041	2044	rBV2	225536	316316	1.25%	0.125%
12	14.978	2044	2047	2054	rVB	288812	429251	1.69%	0.169%
13	15.166	2071	2079	2083	rBV3	159145	413240	1.63%	0.163%
14	15.478	2127	2132	2144	rVB	704550	1263530	4.98%	0.499%
15	15.607	2147	2154	2163	rVV	10041574	15343179	60.43%	6.055%
16	16.119	2237	2241	2245	rBV	406499	505901	1.99%	0.200%
17	16.336	2274	2278	2285	rBV3	365635	521661	2.05%	0.206%
18	16.466	2297	2300	2304	rVB	250268	291126	1.15%	0.115%
19	16.889	2366	2372	2376	rBV	6403911	8675453	34.17%	3.424%
20	16.931	2376	2379	2385	rVB	978622	1280200	5.04%	0.505%
21	17.001	2387	2391	2393	rBV2	334698	470957	1.85%	0.186%
22	17.036	2393	2397	2402	rVB	828003	1180192	4.65%	0.466%
23	17.807	2526	2528	2533	rVB	313497	388072	1.53%	0.153%
24	17.883	2533	2541	2546	rBV2	5110025	7445166	29.32%	2.938%
25	17.930	2547	2549	2554	rVB	648387	812527	3.20%	0.321%
26	17.989	2555	2559	2564	rBV2	702764	1306738	5.15%	0.516%
27	18.295	2609	2611	2614	rBV	232778	262668	1.03%	0.104%
28	18.589	2659	2661	2667	rVB5	261920	435219	1.71%	0.172%
29	18.778	2688	2693	2697	rVB3	786429	1358219	5.35%	0.536%
30	18.919	2713	2717	2720	rBV3	424216	778322	3.07%	0.307%
31	19.036	2733	2737	2744	rBV	3649812	4948180	19.49%	1.953%
32	19.095	2744	2747	2749	rBV3	480108	623806	2.46%	0.246%
33	19.219	2762	2768	2778	rVB2	1174649	2768420	10.90%	1.093%
34	19.319	2782	2785	2793	rVB	585976	970855	3.82%	0.383%
35	19.413	2794	2801	2806	rBV	3551620	5730299	22.57%	2.261%
36	19.519	2816	2819	2825	rVB2	472622	770922	3.04%	0.304%

Sample Results: **BP025210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.660	2837	2843	2854	rVB	17997906	25391085	100.00%	10.020%
38	19.772	2859	2862	2868	rVV2	554821	992379	3.91%	0.392%
39	19.942	2889	2891	2897	rVB2	1232069	1347601	5.31%	0.532%
40	20.048	2906	2909	2914	rVB2	703199	898702	3.54%	0.355%
41	20.107	2916	2919	2923	rVV	799980	920673	3.63%	0.363%
42	20.219	2933	2938	2941	rBV3	907805	1732918	6.82%	0.684%
43	20.260	2942	2945	2949	rVV	1141186	1575922	6.21%	0.622%
44	20.301	2949	2952	2956	rVB	847390	1108573	4.37%	0.437%
45	20.513	2985	2988	2990	rBV	703847	661514	2.61%	0.261%
46	20.954	3061	3063	3065	rBV	585696	540498	2.13%	0.213%
47	21.054	3077	3080	3089	rVB3	2180683	3541247	13.95%	1.398%
48	21.319	3118	3125	3130	rBV4	8907389	19879621	78.29%	7.845%
49	21.366	3130	3133	3140	rVB	3316576	4945719	19.48%	1.952%
50	22.236	3276	3281	3288	rBV4	2259586	4436223	17.47%	1.751%
51	23.724	3528	3534	3548	rVB2	4684342	10971605	43.21%	4.330%
52	24.295	3625	3631	3643	rVB	1736640	5091043	20.05%	2.009%
53	24.460	3652	3659	3666	rVB	3808521	9428984	37.14%	3.721%
54	25.460	3824	3829	3844	rVB3	1360516	4714294	18.57%	1.860%
55	25.812	3881	3889	3900	rVB	3211453	9190988	36.20%	3.627%
56	29.718	4543	4553	4561	rBV7	2070730	8328474	32.80%	3.287%
57	30.771	4726	4732	4734	rBV	1071609	2217771	8.73%	0.875%

Sum of corrected areas: 253395179

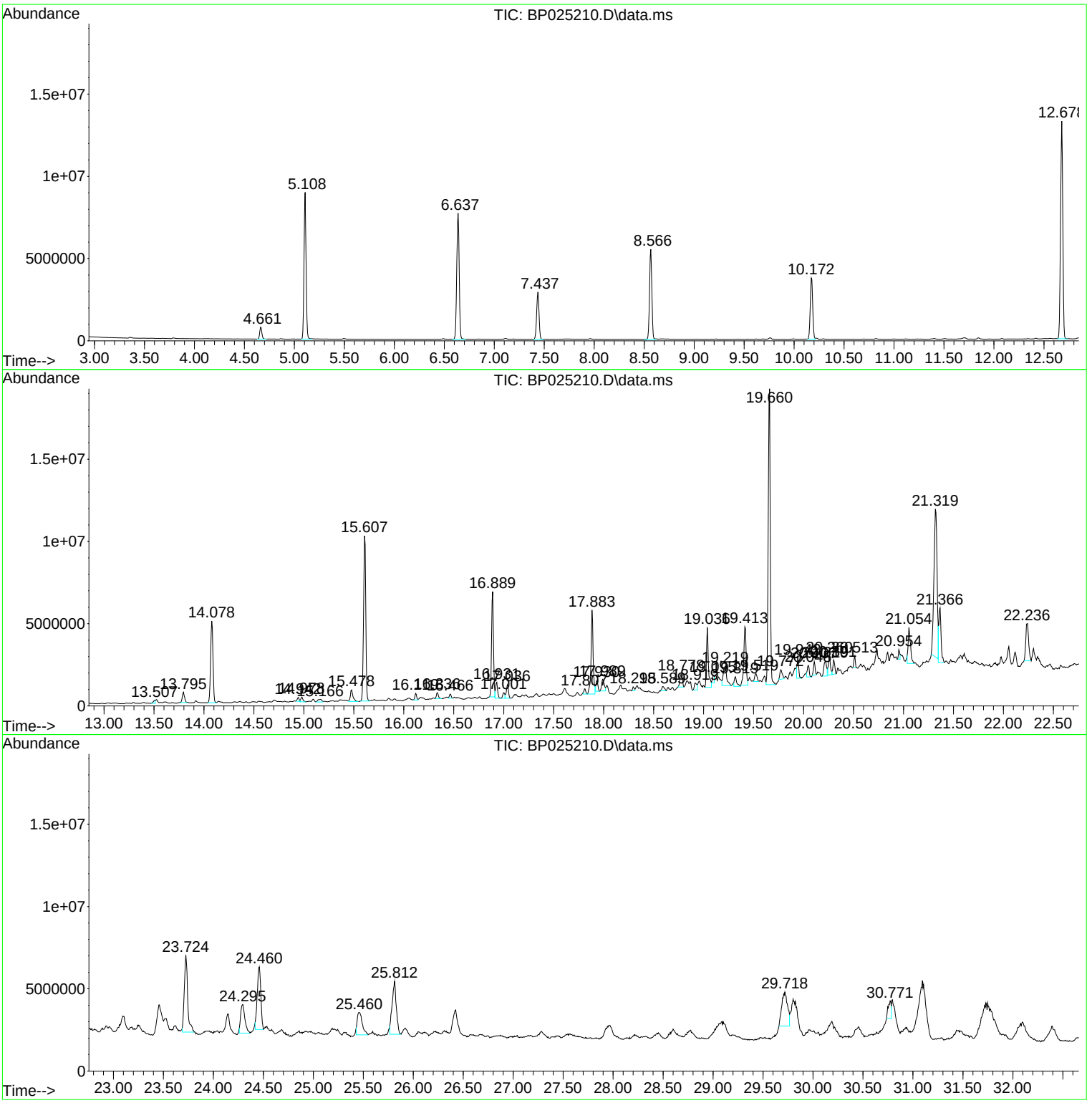
Sample Results: **BP025210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **BP025210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **BP025211.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-41-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
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
BP025211.D	1	07/21/25 09:30	07/22/25 12:32	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.031	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.12	J	0.035	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.12	J	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.31		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.41		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.27		0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.32		0.024	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.34		0.023	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	J	0.027	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.32		0.036	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.17	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.033	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.22		0.031	0.16	0.21	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	53.9		37 - 122		54%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.5		44 - 115		54%	SPK: 100
1718-51-0	Terphenyl-d14	55.1		54 - 127		55%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	882000	7.431				
1146-65-2	Naphthalene-d8	3360000	10.178				
15067-26-2	Acenaphthene-d10	2010000	14.078				
1517-22-2	Phenanthrene-d10	3660000	16.907				
1719-03-5	Chrysene-d12	3520000	21.336				
1520-96-3	Perylene-d12	4080000	24.454				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **BP025211.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-41-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
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
BP025211.D	1	07/21/25 09:30	07/22/25 12:32	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 22 12:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	881585	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	3356745	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	2011979	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	3659937	20.000	ng		0.01
76) Chrysene-d12	21.336	240	3519090	20.000	ng		0.01
86) Perylene-d12	24.454	264	4080535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	4289251	82.207	ng		0.00
7) Phenol-d6	6.637	99	5256369	81.340	ng		0.00
23) Nitrobenzene-d5	8.566	82	3257079	53.923	ng		0.00
42) 2,4,6-Tribromophenol	15.601	330	2459070	82.906	ng		-0.01
45) 2-Fluorobiphenyl	12.678	172	7771013	54.452	ng		0.00
79) Terphenyl-d14	19.660	244	9829821	55.140	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.789	152	540680	2.936	ng		100
71) Phenanthrene	16.948	178	582814	2.952	ng		99
75) Fluoranthene	19.054	202	1781552	7.669	ng		100
78) Pyrene	19.430	202	2183157	10.061	ng		99
81) Benzo(a)anthracene	21.318	228	1477913m	6.650	ng		
83) Chrysene	21.383	228	1644272	7.926	ng		97
87) Indeno(1,2,3-cd)pyrene	27.977	276	1268094	4.253	ng	#	95
88) Benzo(b)fluoranthene	23.483	252	1967135	8.422	ng		98
89) Benzo(k)fluoranthene	23.536	252	726165m	3.149	ng		
90) Benzo(a)pyrene	24.307	252	1768051	7.758	ng		97
92) Benzo(g,h,i)perylene	29.071	276	1271085	5.316	ng		96

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

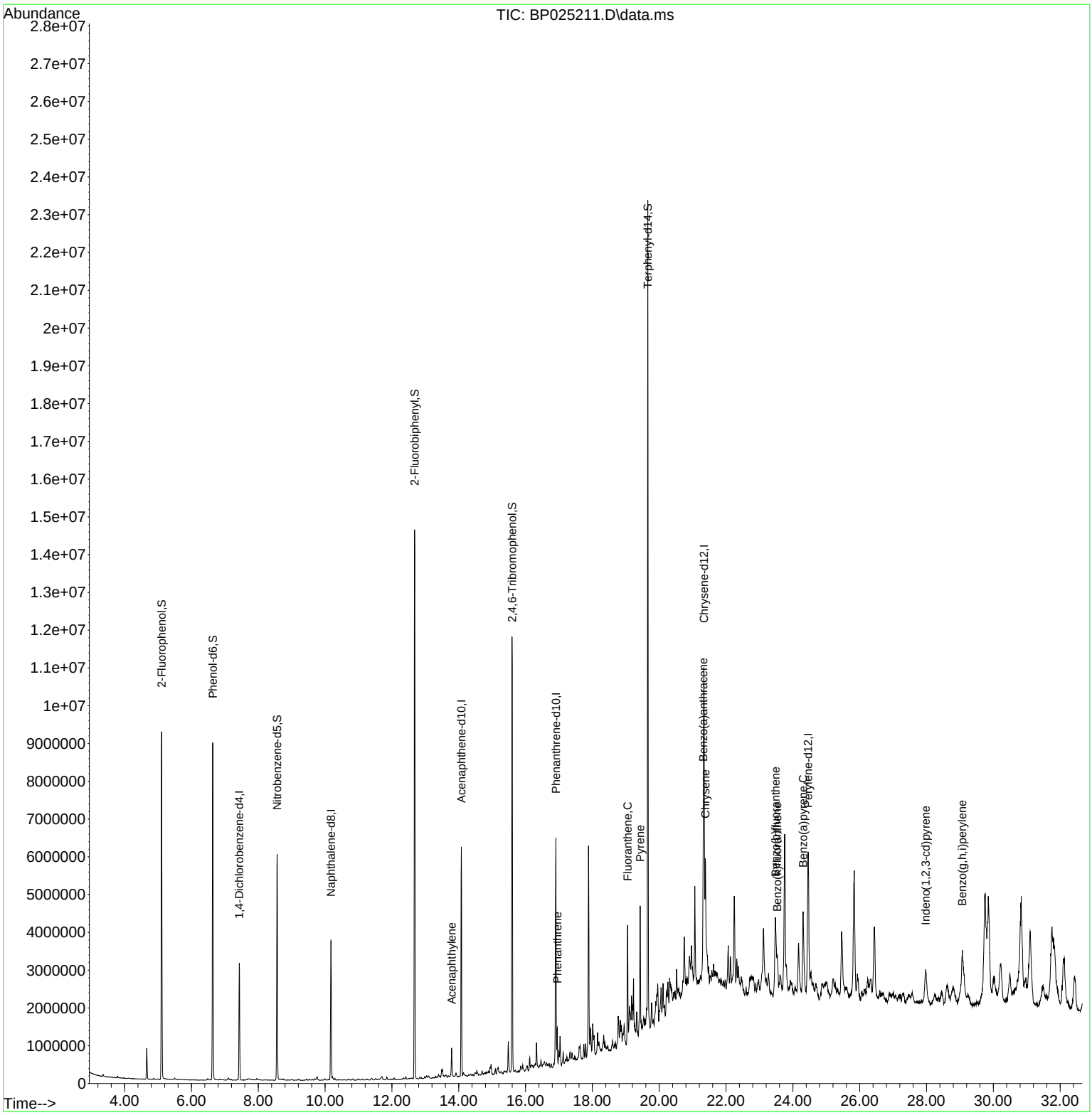
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

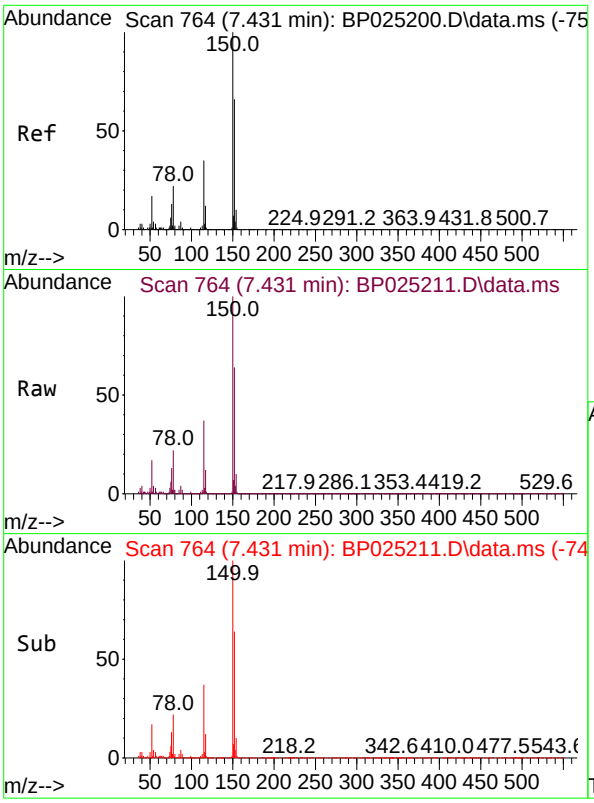
Quant Time: Jul 22 12:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

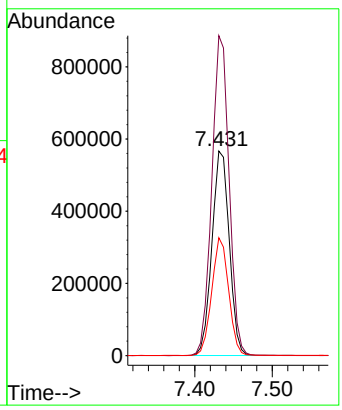




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7(
Delta R.T. -0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:152 Resp: 88158

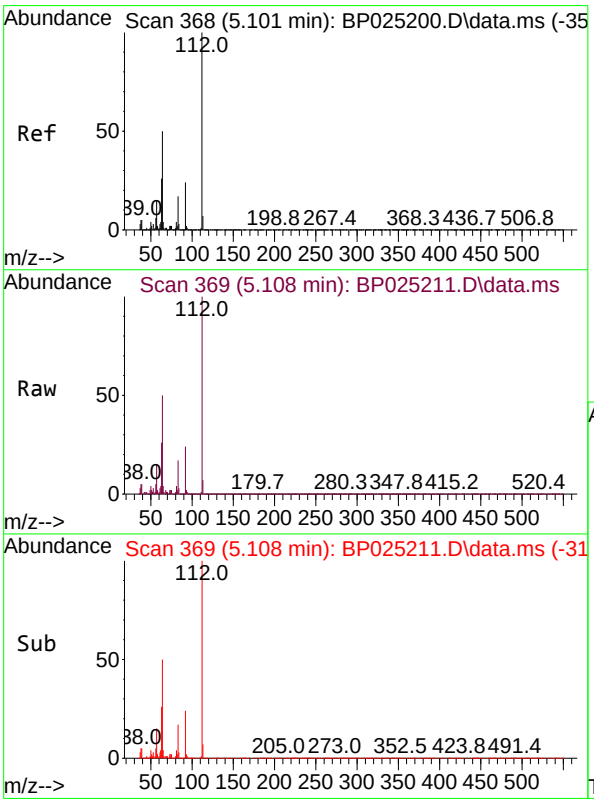
Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.9	182.9
115	57.6	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

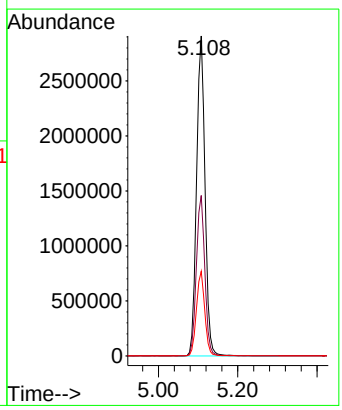
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

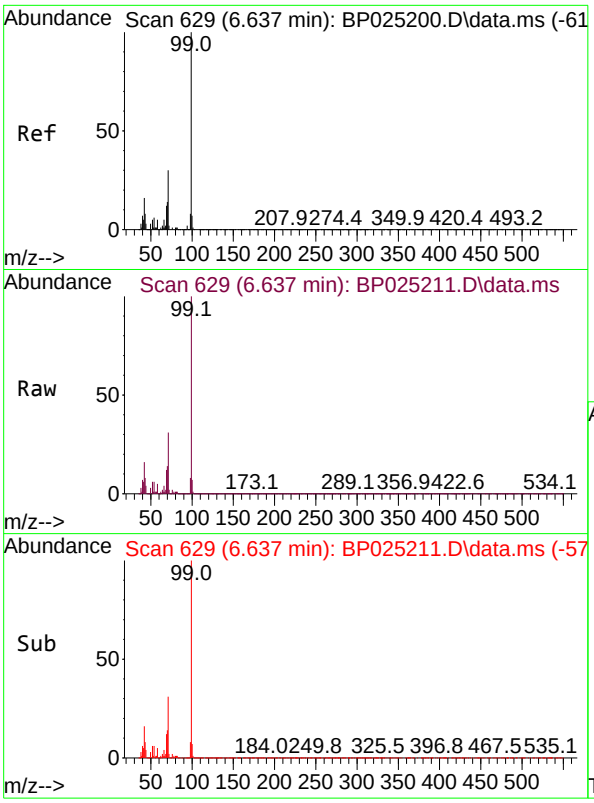


#5
2-Fluorophenol
Concen: 82.207 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:112 Resp: 4289251

Ion	Ratio	Lower	Upper
112	100		
64	50.1	39.8	59.6
63	26.4	20.5	30.7

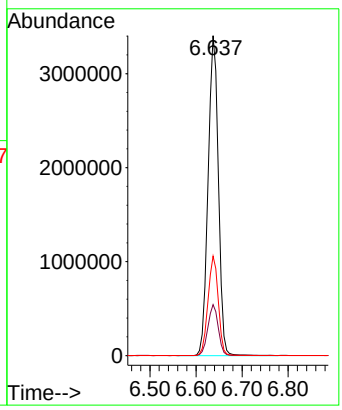




#7
Phenol-d6
Concen: 81.340 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion: 99 Resp: 525636

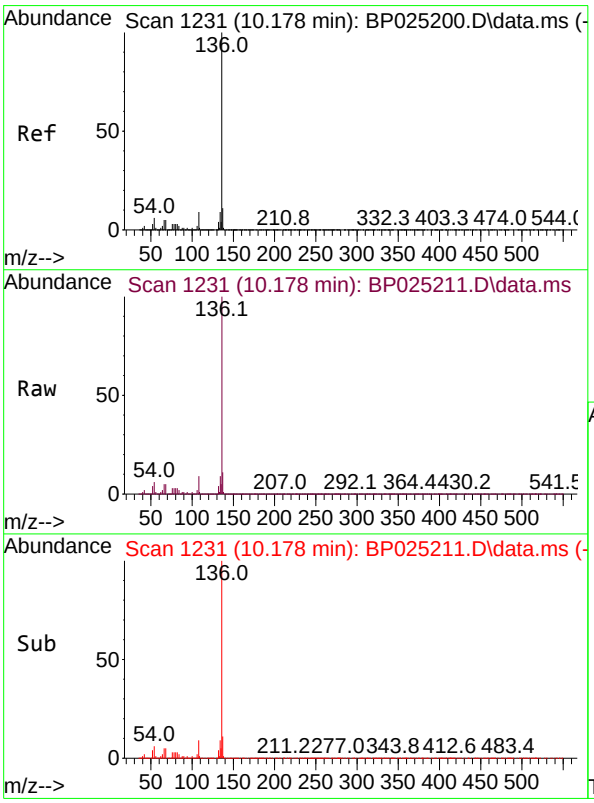
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	31.1	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

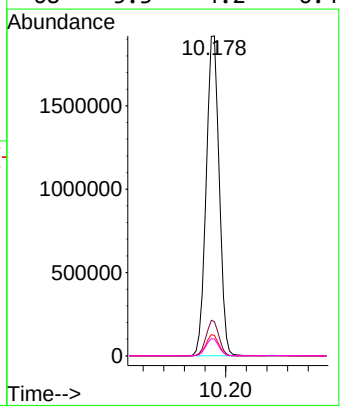
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

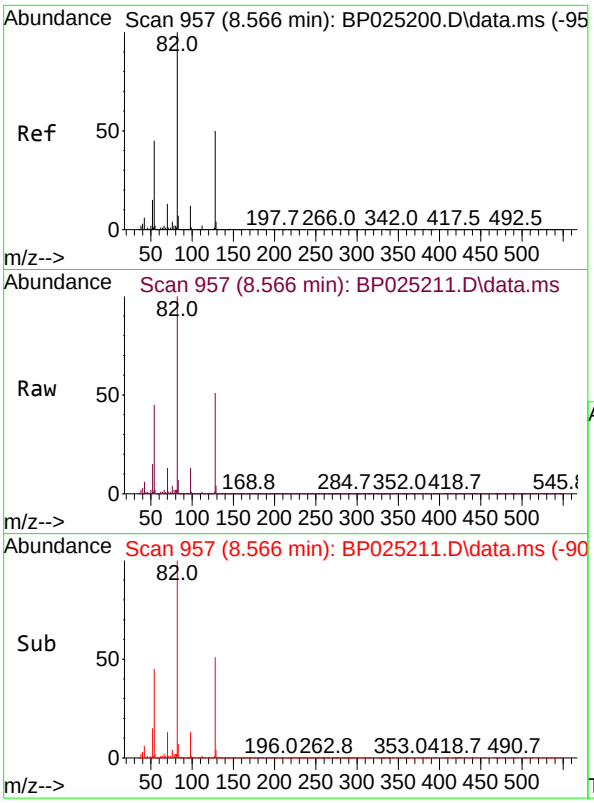


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:136 Resp: 3356745

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.4	5.1	7.7
68	5.3	4.2	6.4

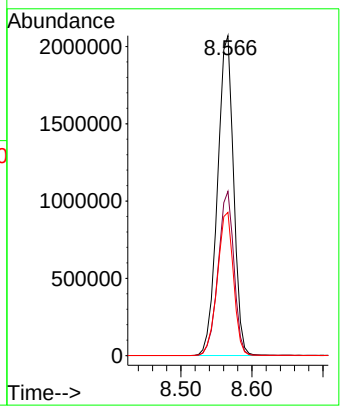




#23
Nitrobenzene-d5
Concen: 53.923 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion: 82 Resp: 3257079

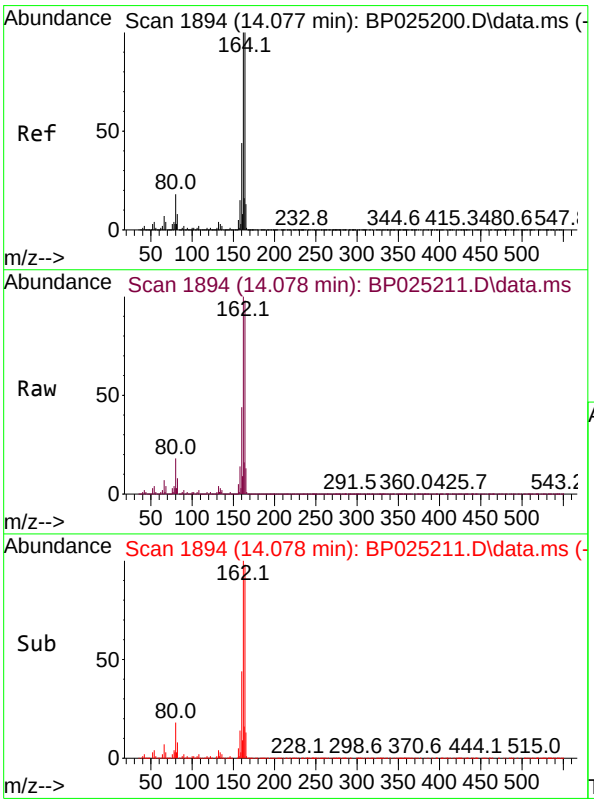
Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.2	60.4
54	44.8	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

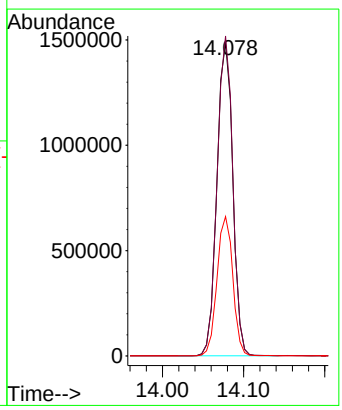
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

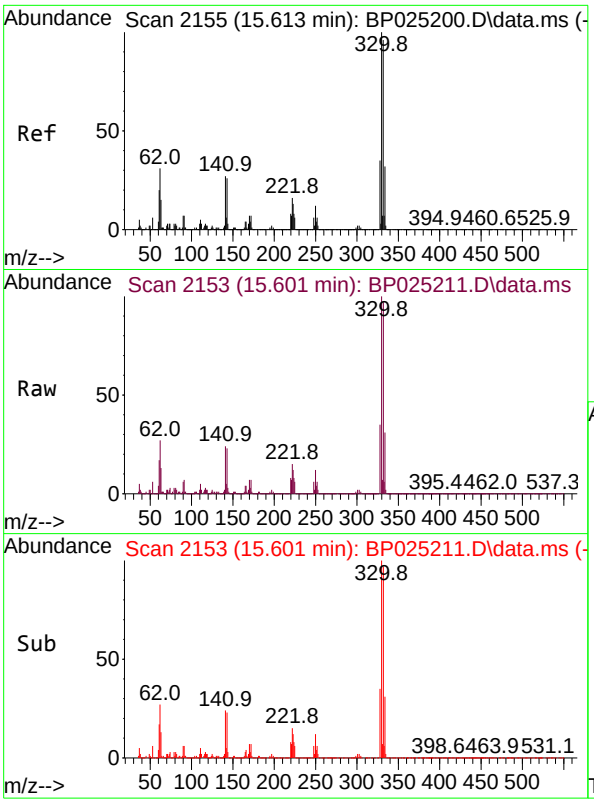


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:164 Resp: 2011979

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.3	120.5
160	44.5	35.7	53.5

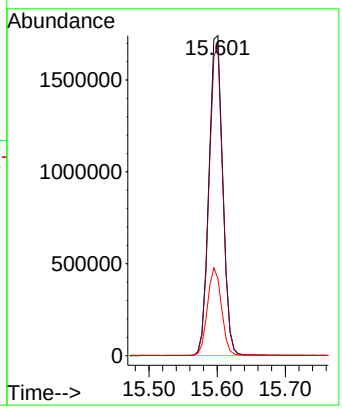




#42
2,4,6-Tribromophenol
Concen: 82.906 ng
RT: 15.601 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:330 Resp: 245907

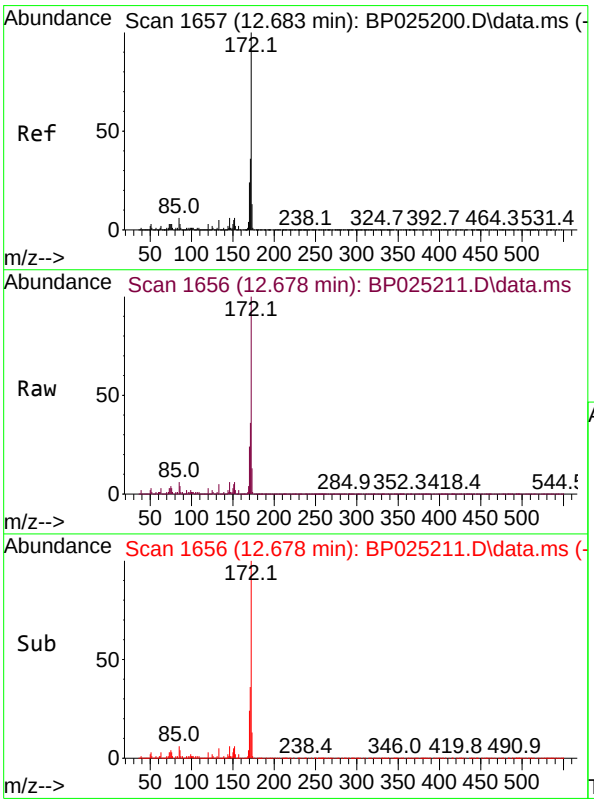
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	27.4	22.4	33.6



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

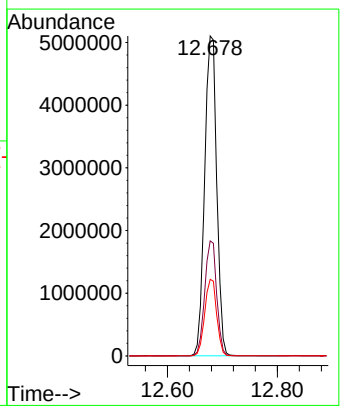
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

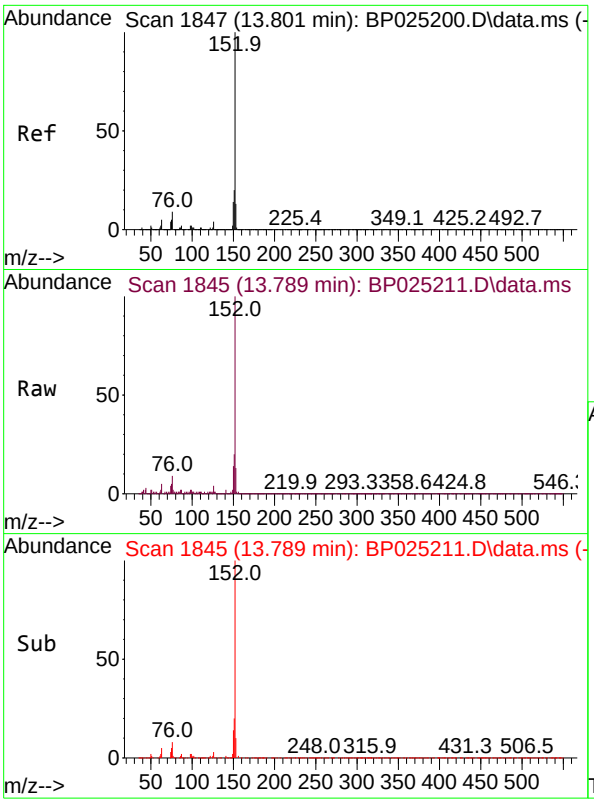


#45
2-Fluorobiphenyl
Concen: 54.452 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:172 Resp: 7771013

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.9	19.2	28.8

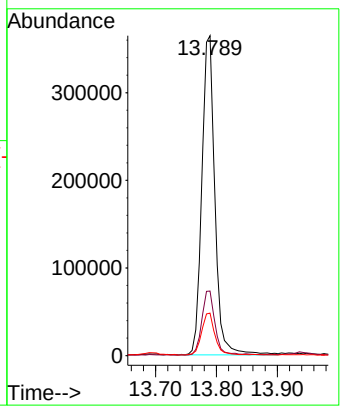




#49
Acenaphthylene
Concen: 2.936 ng
RT: 13.789 min Scan# 18
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:152 Resp: 540680

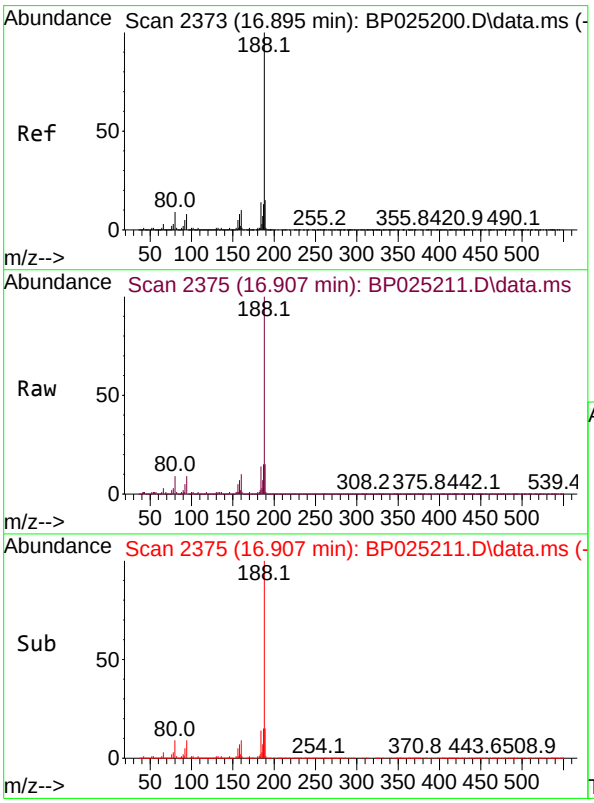
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

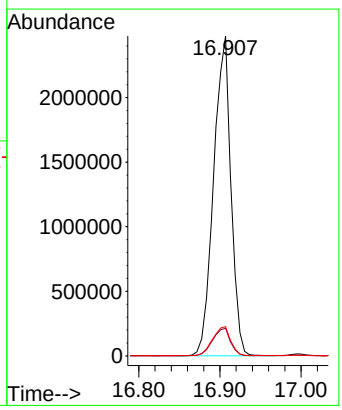
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

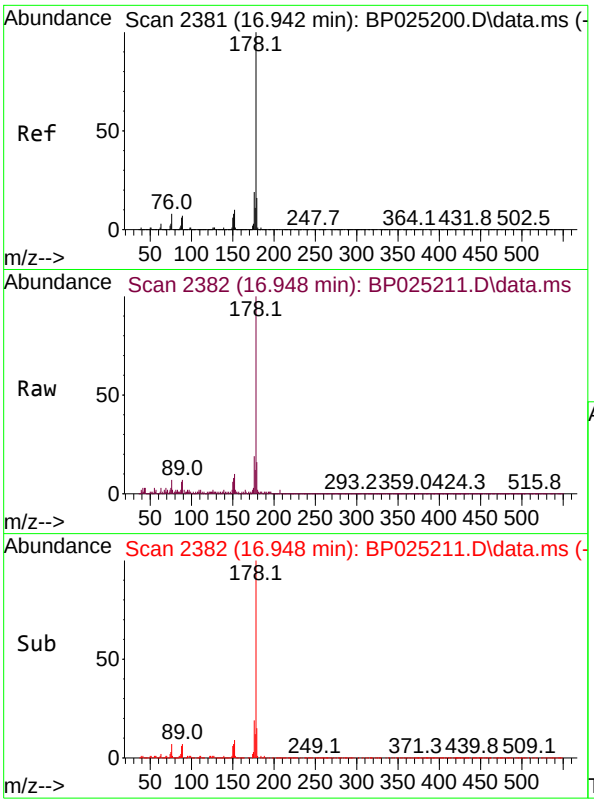


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:188 Resp: 3659937

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.1	7.3	10.9

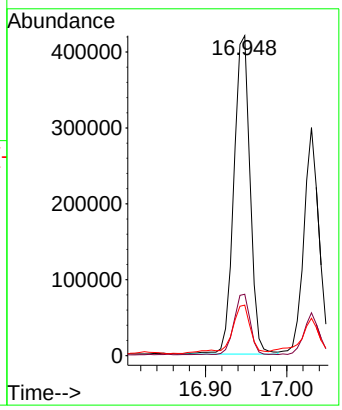




#71
Phenanthrene
Concen: 2.952 ng
RT: 16.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:178 Resp: 58281

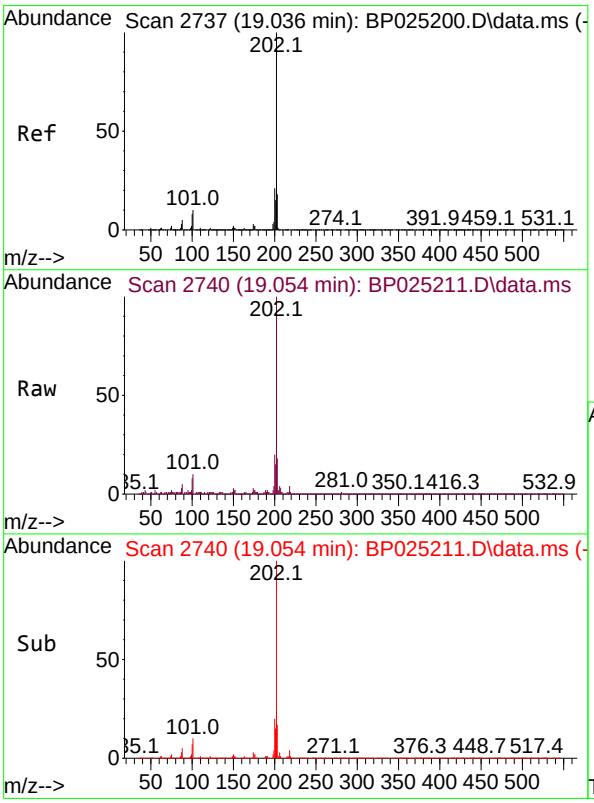
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.8	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

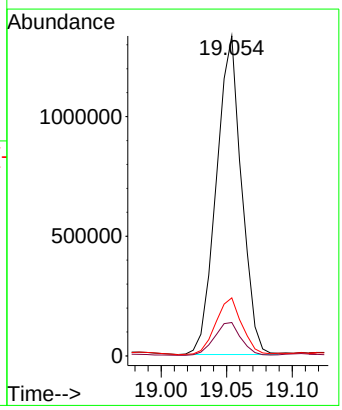
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

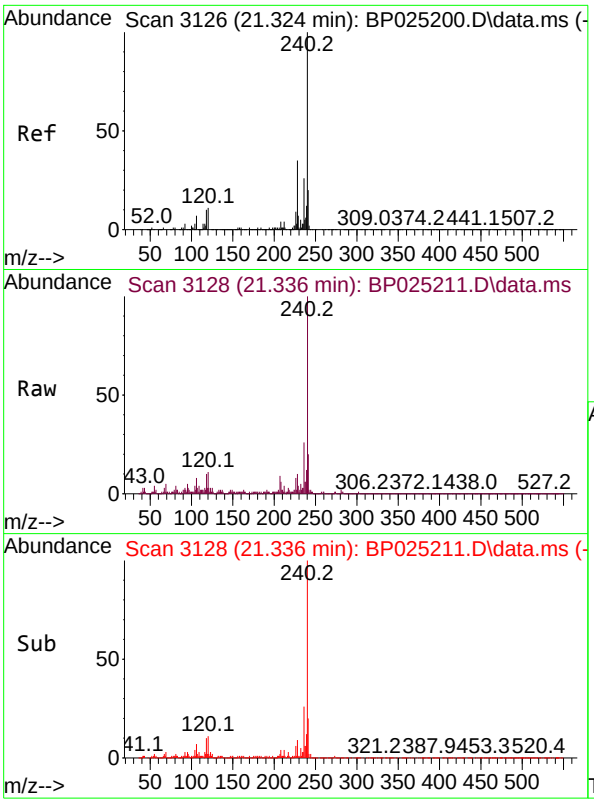


#75
Fluoranthene
Concen: 7.669 ng
RT: 19.054 min Scan# 2740
Delta R.T. 0.018 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:202 Resp: 1781552

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	18.1	0.0	38.0

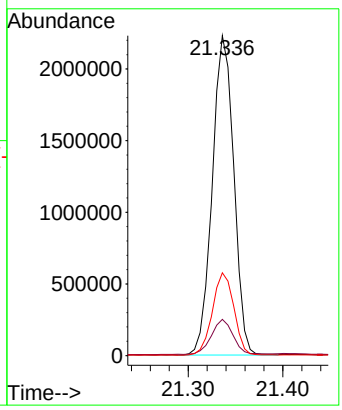




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:240 Resp: 351909

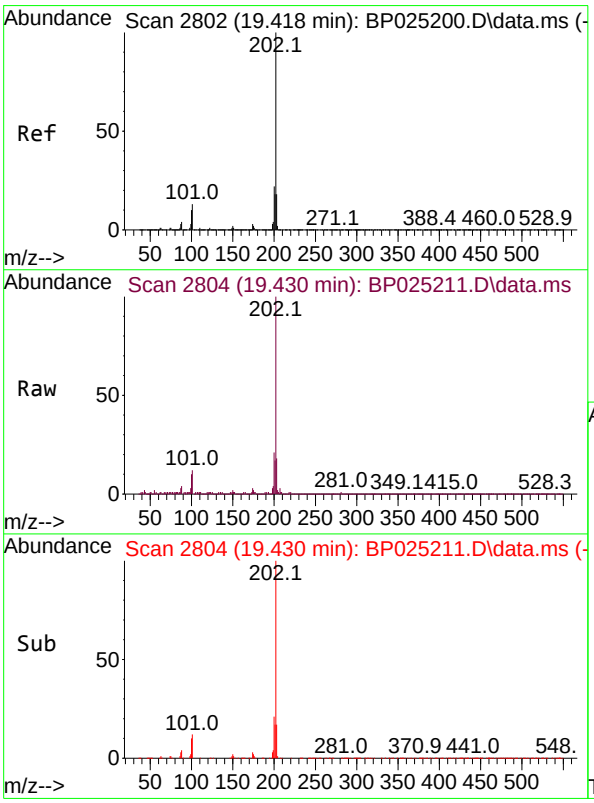
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.9	20.9	31.3



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

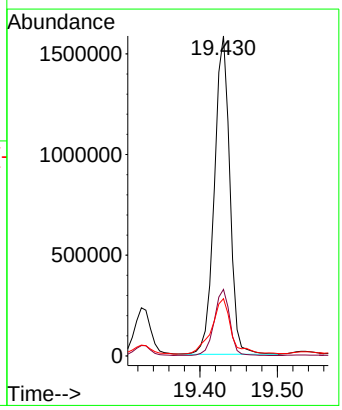
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

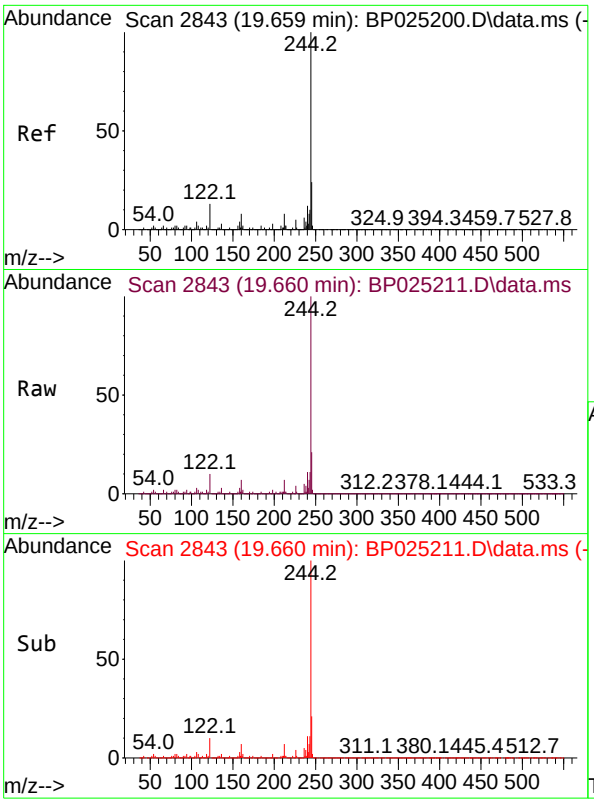


#78
Pyrene
Concen: 10.061 ng
RT: 19.430 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:202 Resp: 2183157

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.9	14.3	21.5





#79
Terphenyl-d14
Concen: 55.140 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

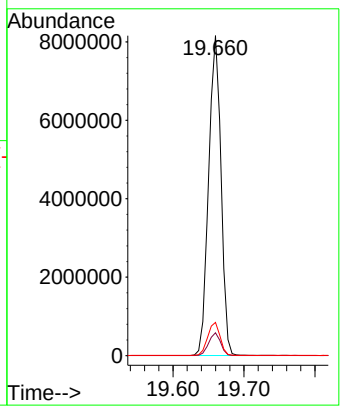
Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

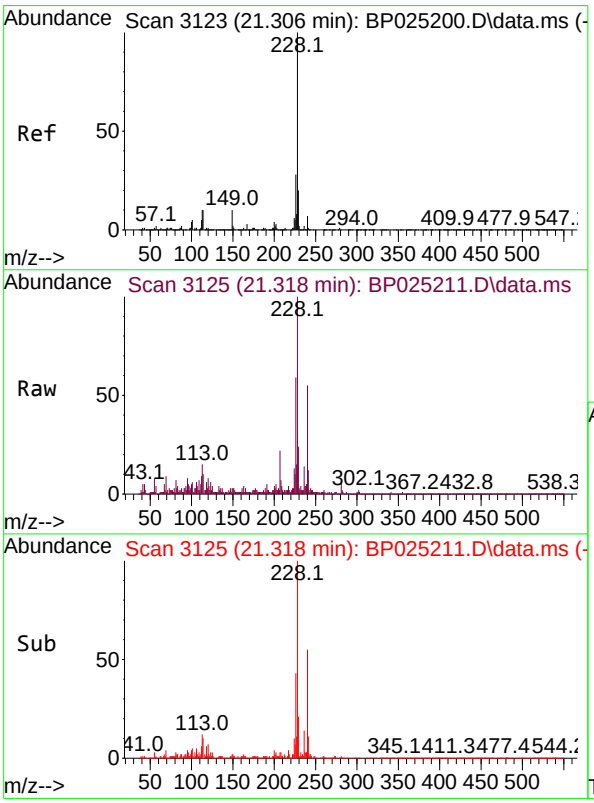
Tgt Ion:244 Resp: 982982

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	9.8
122	10.4	10.3	15.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

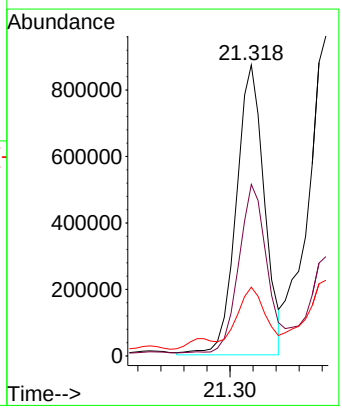


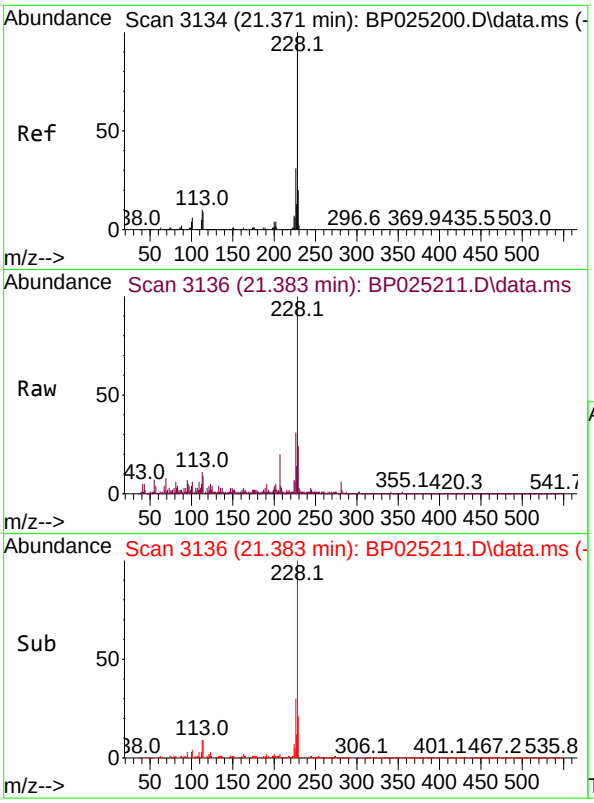


#81
Benzo(a)anthracene
Concen: 6.650 ng m
RT: 21.318 min Scan# 3125
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:228 Resp: 1477913

Ion	Ratio	Lower	Upper
228	100		
226	58.9	22.3	33.5#
229	23.6	16.2	24.2

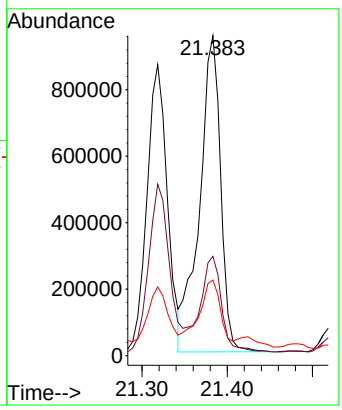




#83
Chrysene
Concen: 7.926 ng
RT: 21.383 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:228 Resp: 164427

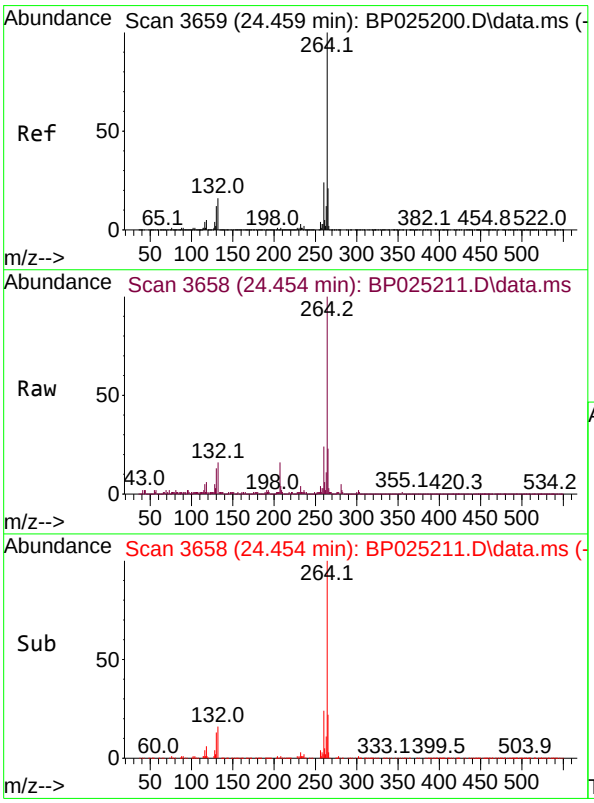
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	23.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

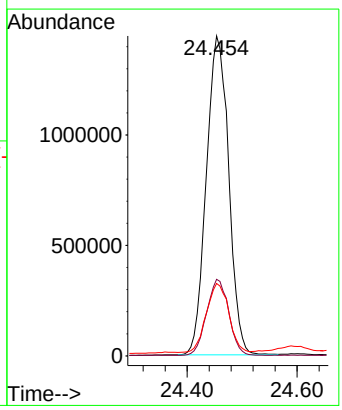
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

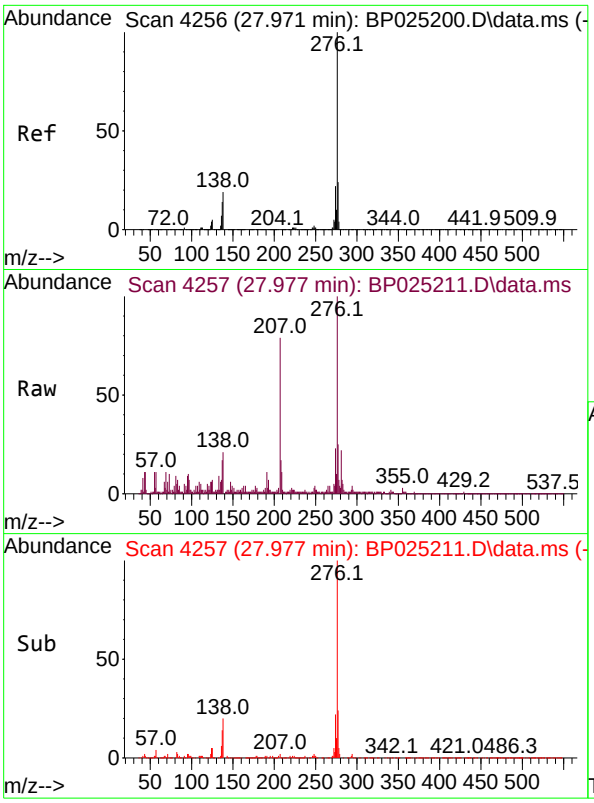


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:264 Resp: 4080535

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.6	17.5	26.3

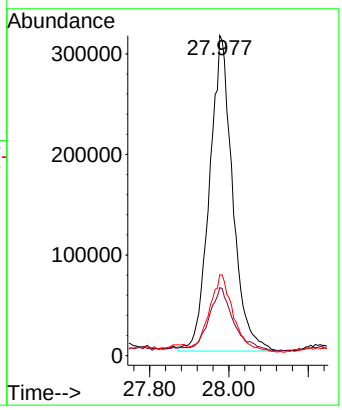




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.253 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:276 Resp: 126809

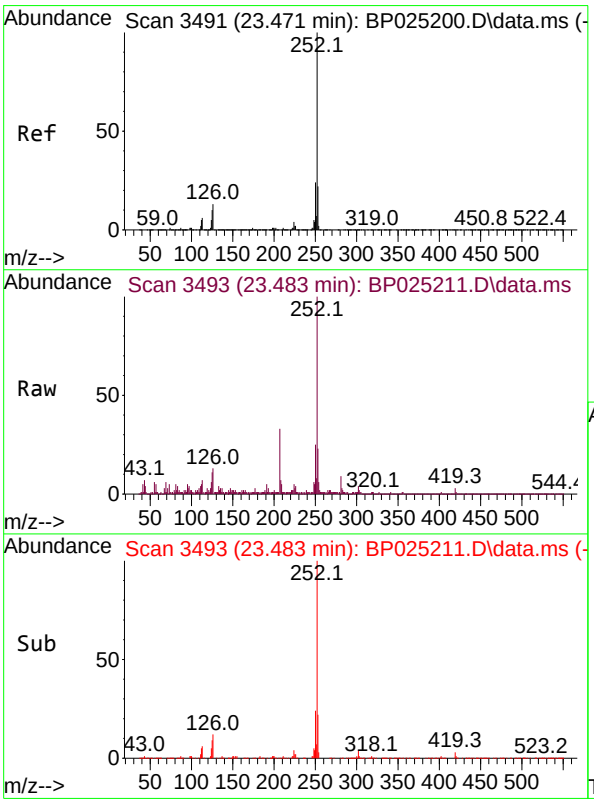
Ion	Ratio	Lower	Upper
276	100		
138	20.9	12.8	19.2
277	25.6	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

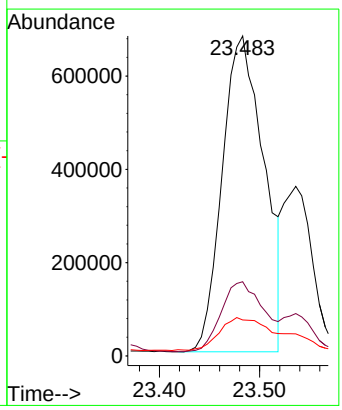
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

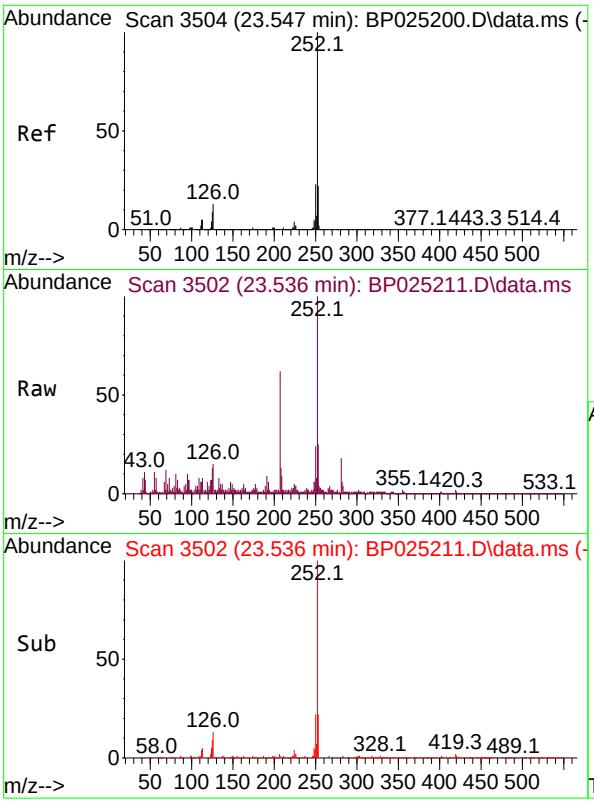


#88
Benzo(b)fluoranthene
Concen: 8.422 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 1967135

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.2	7.8	11.8

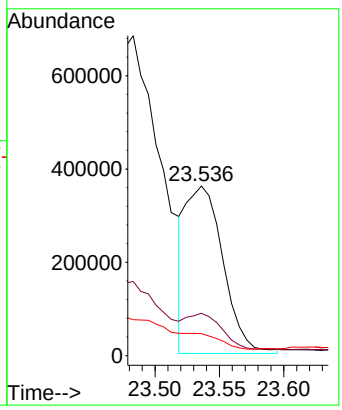




#89
Benzo(k)fluoranthene
Concen: 3.149 ng m
RT: 23.536 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 72616

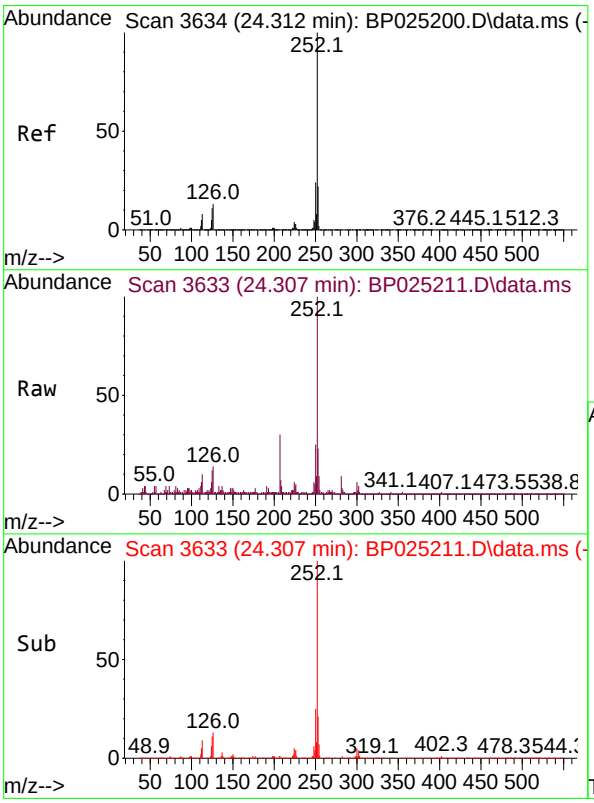
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	12.9	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

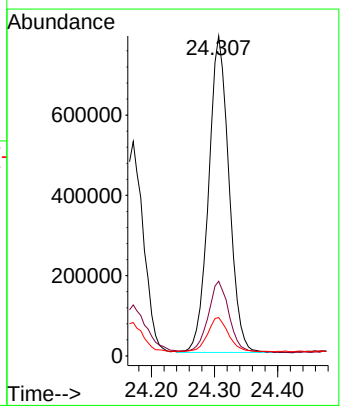
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

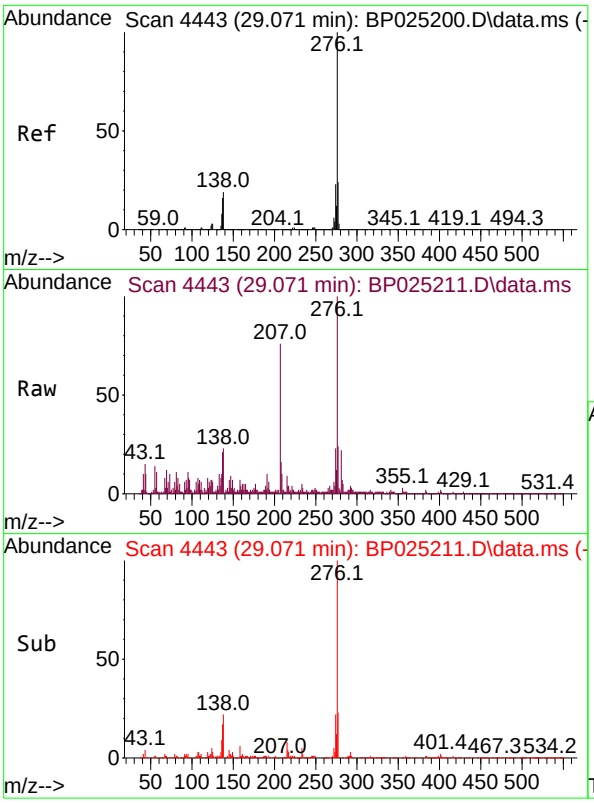


#90
Benzo(a)pyrene
Concen: 7.758 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 1768051

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	12.0	8.6	12.8

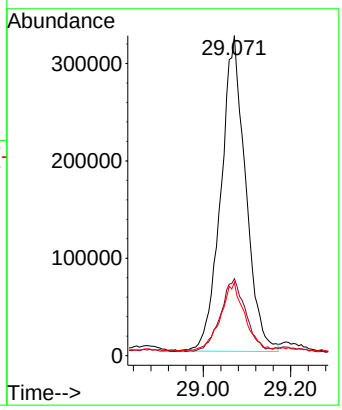




#92
Benzo(g,h,i)perylene
Concen: 5.316 ng
RT: 29.071 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:276 Resp: 127108

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	22.9	15.4	23.2



Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Sample Results: **BP025211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025211.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	288	293	303	rVB	818118	1172817	4.30%	0.467%
2	5.108	362	369	380	rBV	9208564	13521895	49.58%	5.384%
3	6.637	620	629	643	rBV	8929354	13958574	51.18%	5.558%
4	7.431	757	764	775	rVB	3098777	4770951	17.49%	1.900%
5	8.566	943	957	969	rBV	5981604	9520340	34.90%	3.791%
6	10.172	1223	1230	1237	rBV	3688298	6457931	23.68%	2.572%
7	12.678	1650	1656	1667	rBV	14530951	21662157	79.42%	8.626%
8	13.489	1789	1794	1797	rBV2	193714	373628	1.37%	0.149%
9	13.789	1840	1845	1853	rVB	733590	1074146	3.94%	0.428%
10	14.078	1887	1894	1900	rBV	6076369	8275664	30.34%	3.295%
11	14.966	2043	2045	2049	rVB	244310	282557	1.04%	0.113%
12	15.483	2128	2133	2142	rVB	812939	1303549	4.78%	0.519%
13	15.595	2146	2152	2162	rVB	11513543	16468536	60.38%	6.558%
14	15.913	2203	2206	2216	rVB6	169201	314771	1.15%	0.125%
15	16.125	2237	2242	2246	rBV2	351432	560474	2.05%	0.223%
16	16.325	2273	2276	2283	rVB3	621063	842038	3.09%	0.335%
17	16.907	2368	2375	2379	rBV	5936103	8761651	32.12%	3.489%
18	16.948	2379	2382	2386	rVV	949758	1161102	4.26%	0.462%
19	16.995	2386	2390	2392	rVV	370684	457943	1.68%	0.182%
20	17.030	2393	2396	2403	rVB	778829	1169506	4.29%	0.466%
21	17.125	2409	2412	2417	rVB2	284197	388290	1.42%	0.155%
22	17.601	2490	2493	2495	rBV4	261946	339662	1.25%	0.135%
23	17.742	2514	2517	2522	rVB	346053	459595	1.69%	0.183%
24	17.795	2523	2526	2532	rVB2	358270	505665	1.85%	0.201%
25	17.883	2532	2541	2548	rBV2	5598733	9160251	33.58%	3.648%
26	17.942	2548	2551	2557	rVB	598137	965961	3.54%	0.385%
27	18.007	2558	2562	2567	rBV2	703339	1351727	4.96%	0.538%
28	18.154	2584	2587	2590	rBV3	408898	487153	1.79%	0.194%
29	18.336	2616	2618	2622	rVB	344154	381651	1.40%	0.152%
30	18.772	2688	2692	2698	rBV2	701731	1315269	4.82%	0.524%
31	18.836	2699	2703	2706	rVV2	396486	610239	2.24%	0.243%
32	19.054	2735	2740	2744	rBV	3128929	4412301	16.18%	1.757%
33	19.107	2746	2749	2756	rVV4	611680	1440718	5.28%	0.574%
34	19.172	2758	2760	2762	rBV2	593753	506819	1.86%	0.202%
35	19.230	2767	2770	2775	rVB	1281255	1504933	5.52%	0.599%
36	19.324	2783	2786	2794	rVB	643840	1054129	3.86%	0.420%

Sample Results: **BP025211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.430	2796	2804	2808	rBV	3359213	5085149	18.64%	2.025%
38	19.660	2838	2843	2854	rVB	21923984	27275056	100.00%	10.861%
39	19.771	2859	2862	2867	rVB3	557555	937049	3.44%	0.373%
40	20.113	2918	2920	2926	rVB	660653	729972	2.68%	0.291%
41	20.519	2986	2989	2995	rBV	713528	1082107	3.97%	0.431%
42	20.748	3025	3028	3034	rVB2	1252126	2064047	7.57%	0.822%
43	21.066	3078	3082	3089	rVB2	2468421	3416131	12.52%	1.360%
44	21.336	3121	3128	3133	rBV3	7611710	16471017	60.39%	6.559%
45	21.377	3133	3135	3150	rVB	3050136	6565433	24.07%	2.614%
46	22.248	3278	3283	3290	rVB3	2278123	4688997	17.19%	1.867%
47	23.477	3486	3492	3499	rBV	1689150	4821714	17.68%	1.920%
48	23.754	3534	3539	3545	rVB	3512041	6923398	25.38%	2.757%
49	24.307	3627	3633	3646	rVB	2110963	5665655	20.77%	2.256%
50	24.454	3651	3658	3668	rVV	3441867	9636063	35.33%	3.837%
51	25.459	3825	3829	3845	rVB2	1591360	4671206	17.13%	1.860%
52	25.836	3885	3893	3903	rVB	3194169	9040601	33.15%	3.600%
53	26.436	3990	3995	4006	rVB	1811328	5060192	18.55%	2.015%

Sum of corrected areas: 251128380

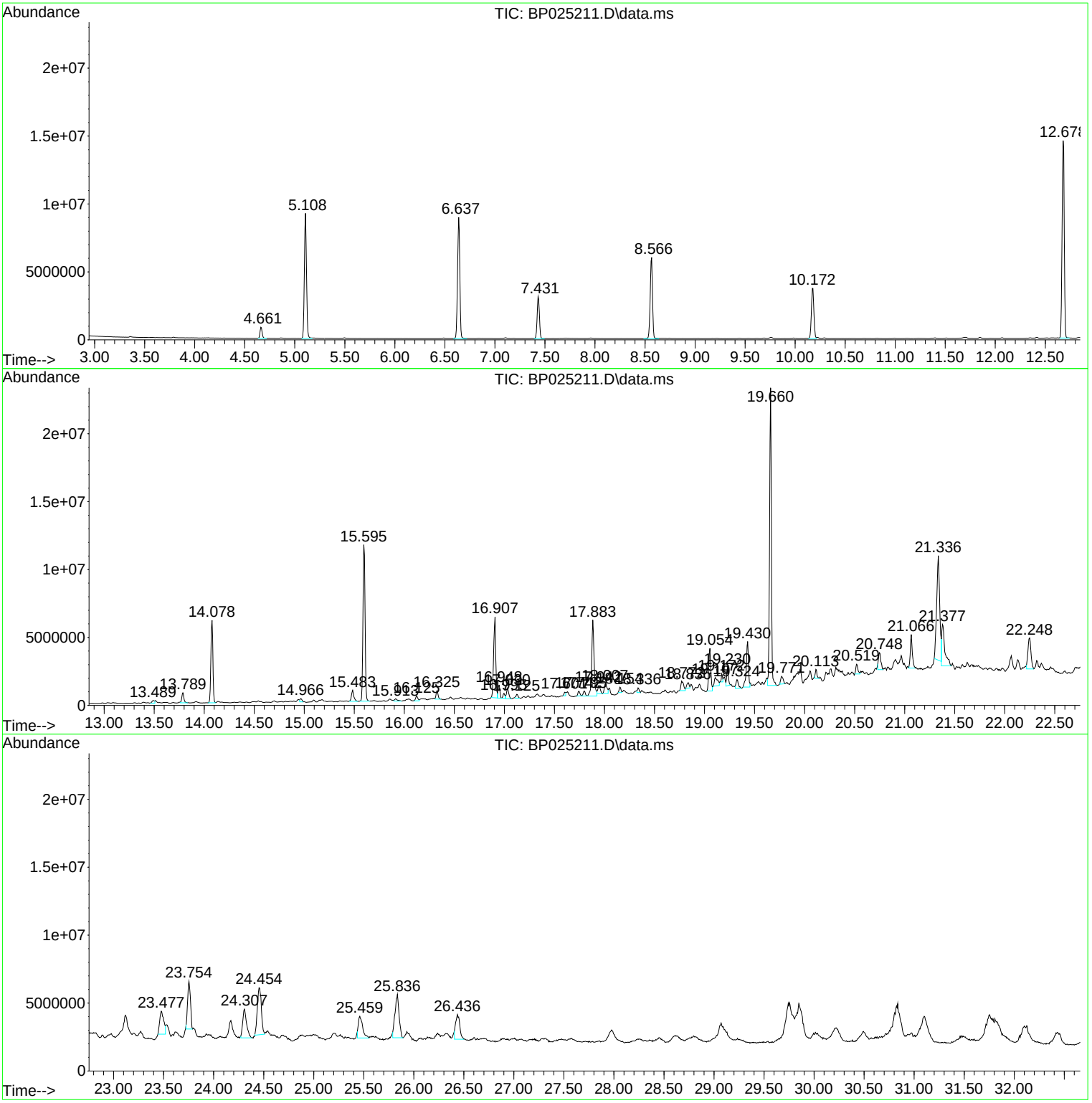
Sample Results: **BP025211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **BP025211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Sample Results: **BP025211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **BP025212.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-42-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	60.3
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
BP025212.D	1	07/21/25 09:30	07/22/25 13:14	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.22	U	0.038	0.22	0.28	mg/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.042	0.22	0.28	mg/Kg
208-96-8	Acenaphthylene	0.22	U	0.048	0.22	0.28	mg/Kg
83-32-9	Acenaphthene	0.22	U	0.035	0.22	0.28	mg/Kg
86-73-7	Fluorene	0.22	U	0.042	0.22	0.28	mg/Kg
85-01-8	Phenanthrene	0.22	U	0.035	0.22	0.28	mg/Kg
120-12-7	Anthracene	0.22	U	0.055	0.22	0.28	mg/Kg
206-44-0	Fluoranthene	0.22	U	0.050	0.22	0.28	mg/Kg
129-00-0	Pyrene	0.22	U	0.060	0.22	0.28	mg/Kg
56-55-3	Benzo(a)anthracene	0.22	U	0.038	0.22	0.28	mg/Kg
218-01-9	Chrysene	0.22	U	0.033	0.22	0.28	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.12	J	0.031	0.22	0.28	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.22	U	0.037	0.22	0.28	mg/Kg
50-32-8	Benzo(a)pyrene	0.22	U	0.049	0.22	0.28	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.22	U	0.048	0.22	0.28	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.22	U	0.045	0.22	0.28	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.22	U	0.043	0.22	0.28	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	51.4		37 - 122		51%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.3		44 - 115		49%	SPK: 100
1718-51-0	Terphenyl-d14	47.9	*	54 - 127		48%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	905000	7.437				
1146-65-2	Naphthalene-d8	3460000	10.172				
15067-26-2	Acenaphthene-d10	2060000	14.072				
1517-22-2	Phenanthrene-d10	3780000	16.895				
1719-03-5	Chrysene-d12	3550000	21.336				
1520-96-3	Perylene-d12	4180000	24.471				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **BP025212.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-42-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	60.3
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
BP025212.D	1	07/21/25 09:30	07/22/25 13:14	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Quant Time: Jul 22 13:37:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

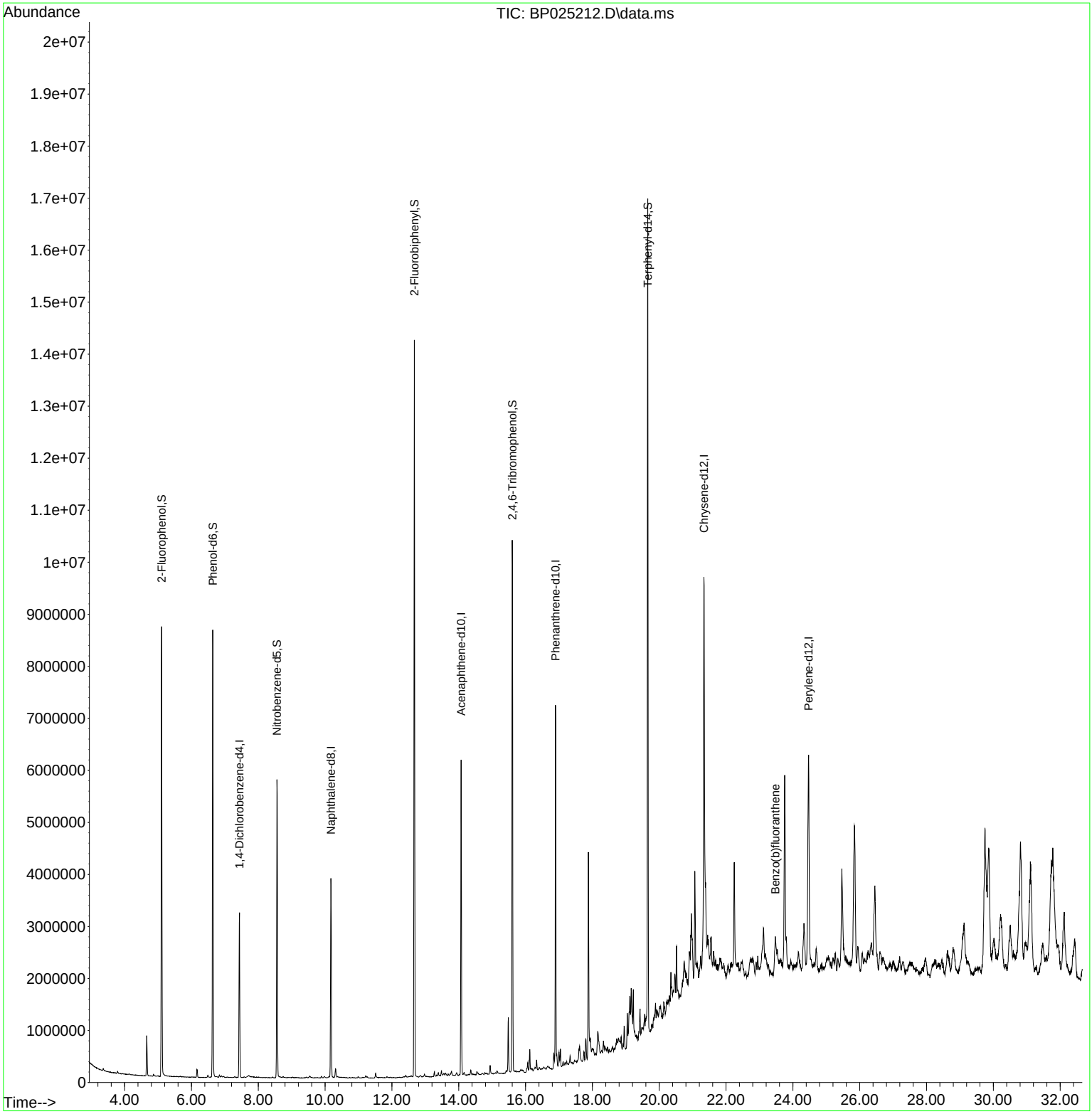
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	904868	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	3462898	20.000	ng	0.00
39) Acenaphthene-d10	14.072	164	2059504	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3779952	20.000	ng	0.00
76) Chrysene-d12	21.336	240	3553060	20.000	ng	0.01
86) Perylene-d12	24.471	264	4178405	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4145506	77.408	ng	0.00
7) Phenol-d6	6.637	99	5100134	76.892	ng	0.00
23) Nitrobenzene-d5	8.560	82	3201331	51.375	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2372489	78.141	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	7198737	49.278	ng	-0.01
79) Terphenyl-d14	19.660	244	8614502	47.861	ng	0.00
Target Compounds						Qvalue
88) Benzo(b)fluoranthene	23.477	252	524002	2.191	ng	# 95

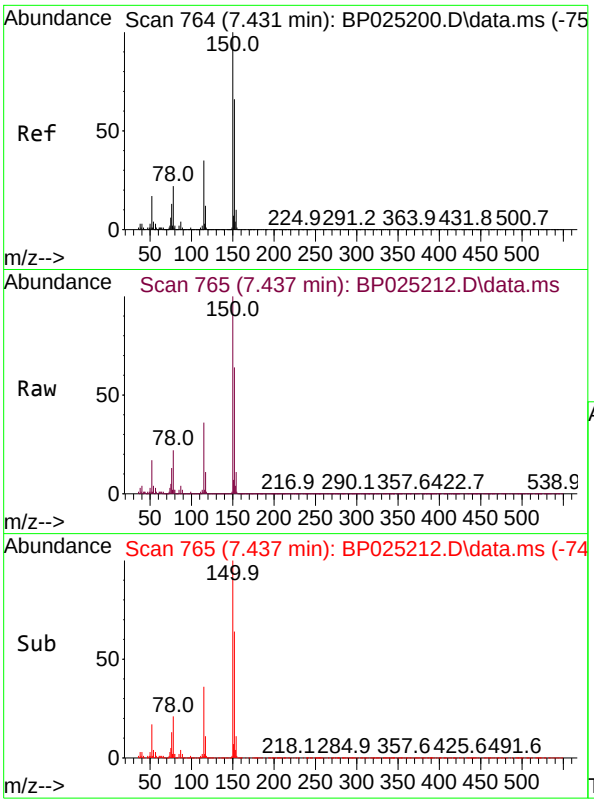
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Quant Time: Jul 22 13:37:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



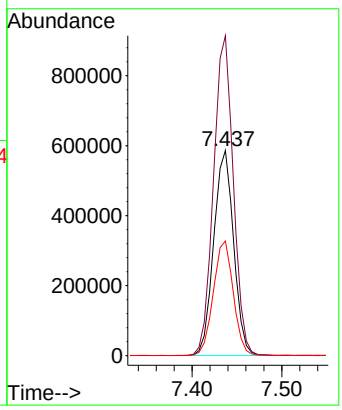


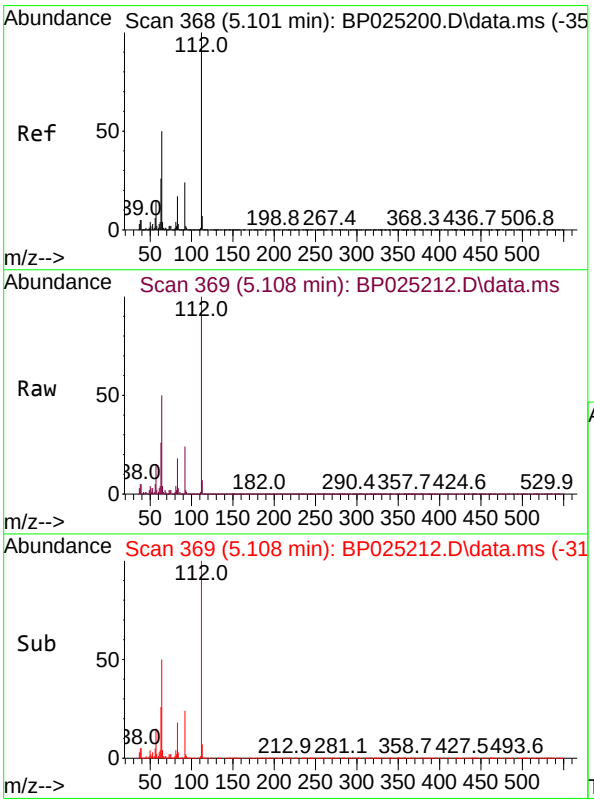
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Tgt Ion:152 Resp: 904868

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.9	182.9
115	55.9	43.0	64.6

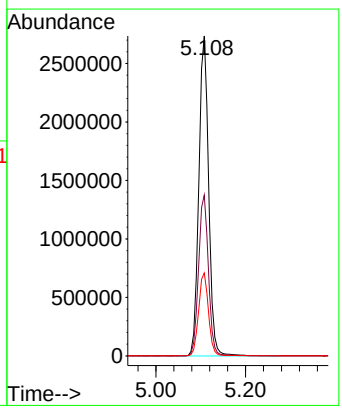


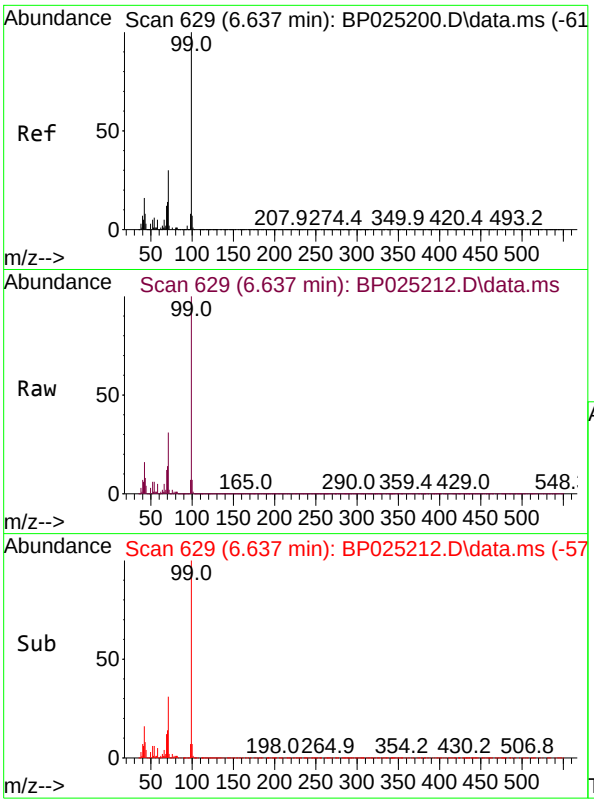


#5
2-Fluorophenol
Concen: 77.408 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:112 Resp: 4145506

Ion	Ratio	Lower	Upper
112	100		
64	50.3	39.8	59.6
63	25.9	20.5	30.7



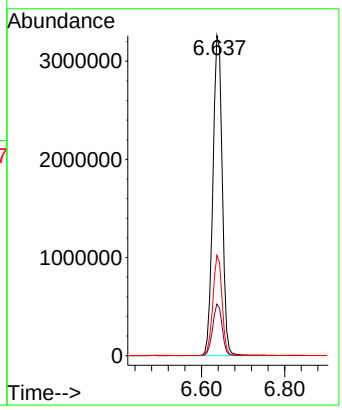


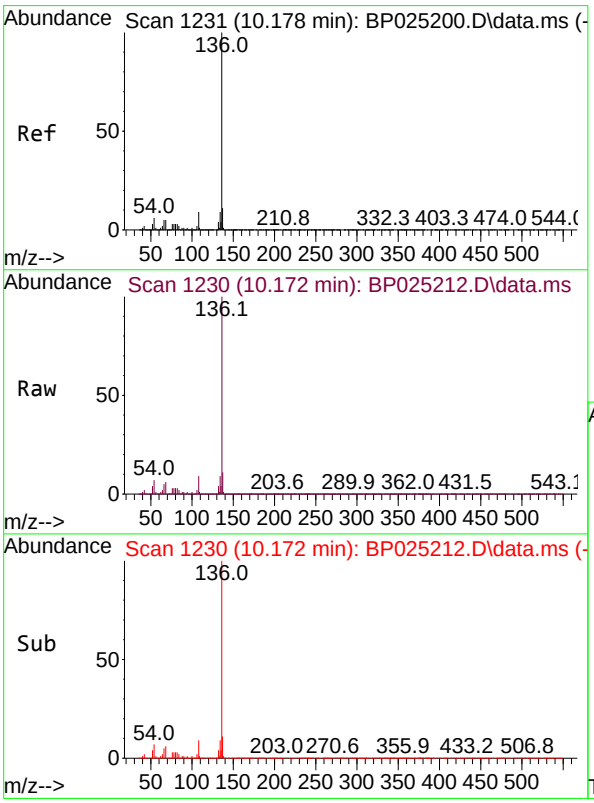
#7
Phenol-d6
Concen: 76.892 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Tgt Ion: 99 Resp: 5100134

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.5	18.7
71	31.3	24.2	36.2

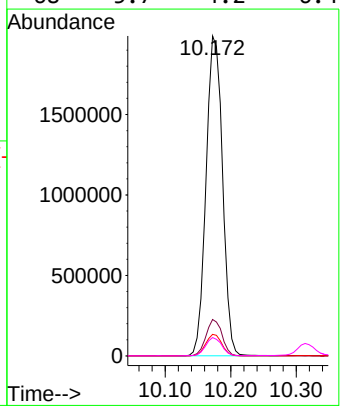


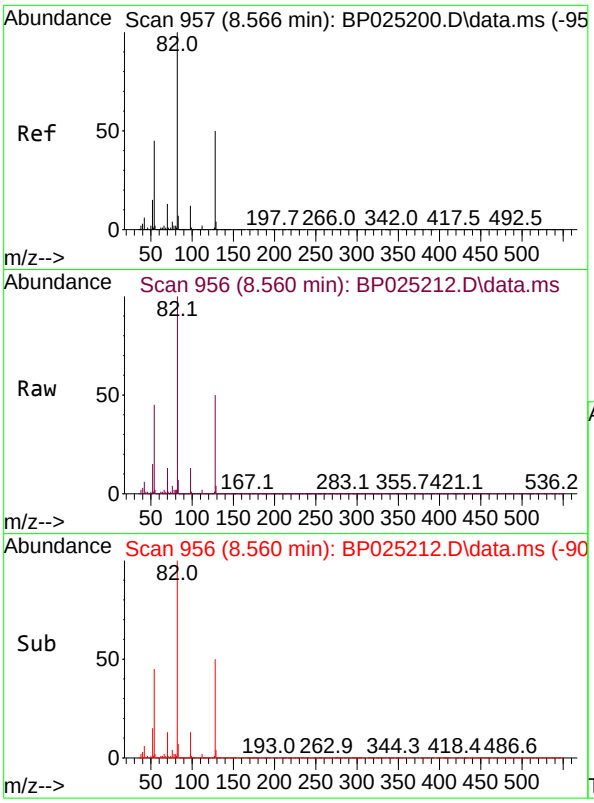


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:136 Resp: 3462898

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.7	5.1	7.7
68	5.7	4.2	6.4



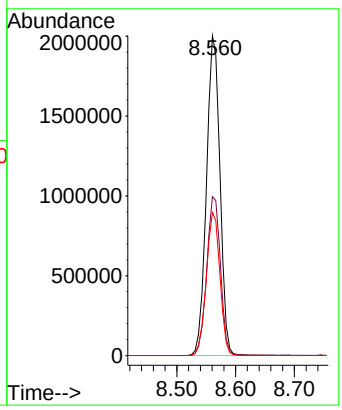


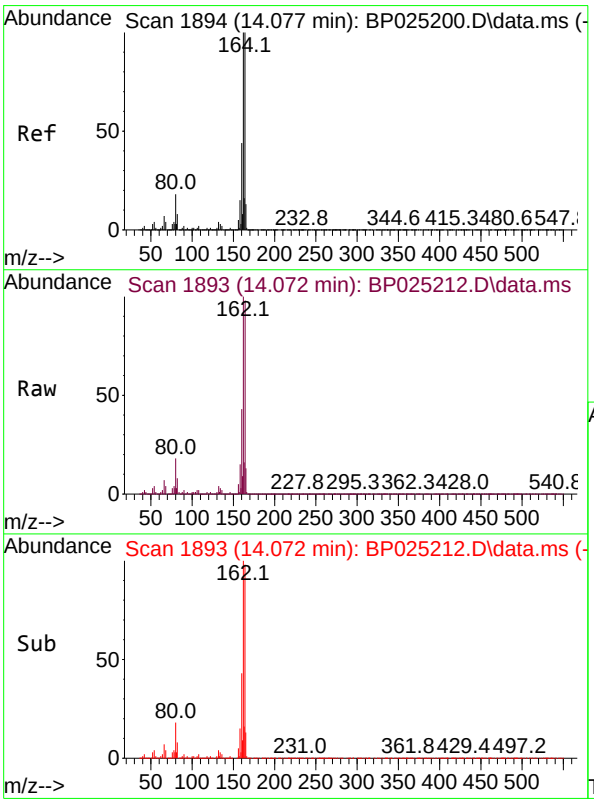
#23
Nitrobenzene-d5
Concen: 51.375 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Tgt Ion: 82 Resp: 3201331

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.2	60.4
54	44.7	36.3	54.5

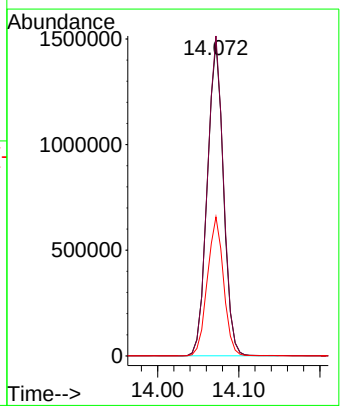


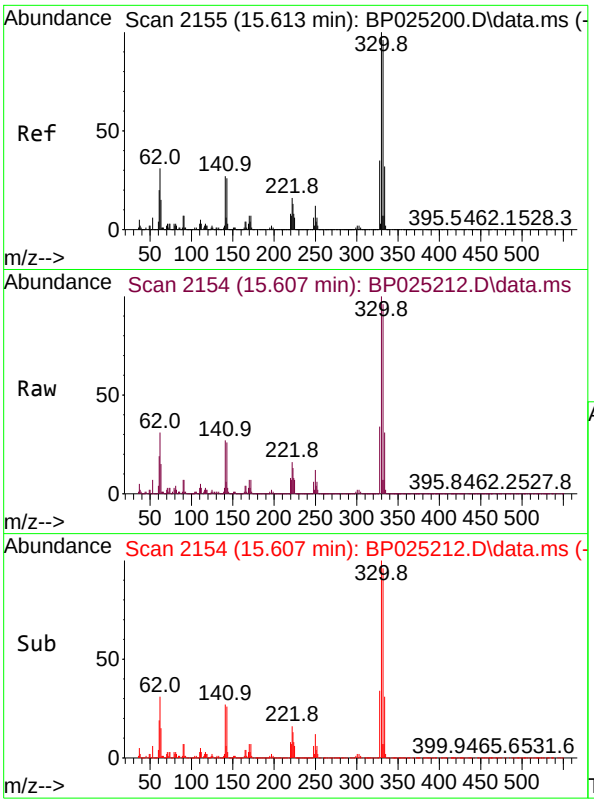


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:164 Resp: 2059504

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	44.3	35.7	53.5



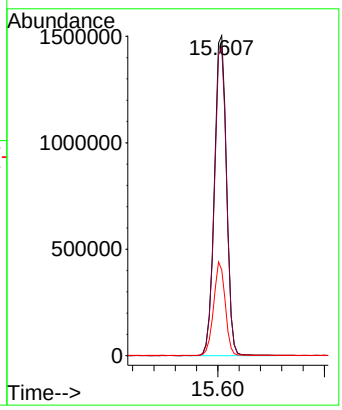


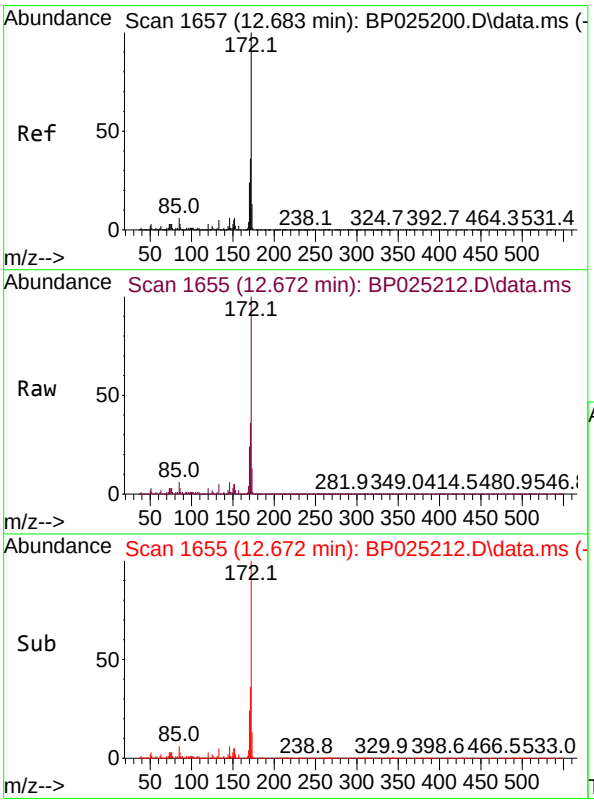
#42
2,4,6-Tribromophenol
Concen: 78.141 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Tgt Ion:330 Resp: 2372489

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	27.9	22.4	33.6

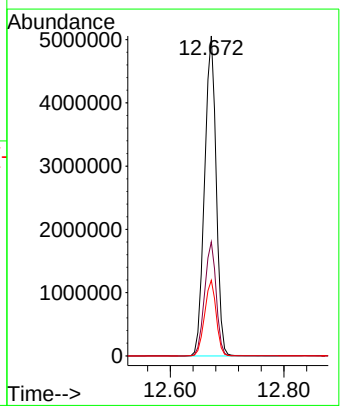


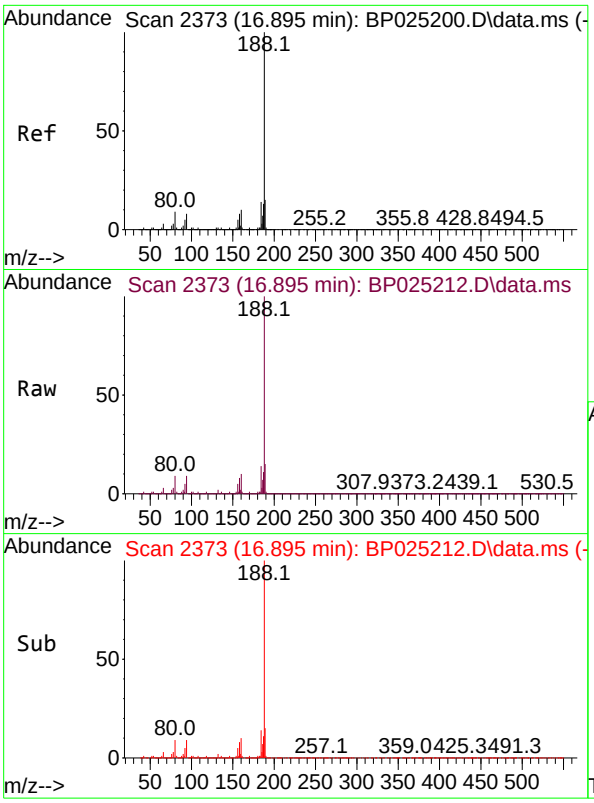


#45
2-Fluorobiphenyl
Concen: 49.278 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:172 Resp: 7198737

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.6	19.2	28.8



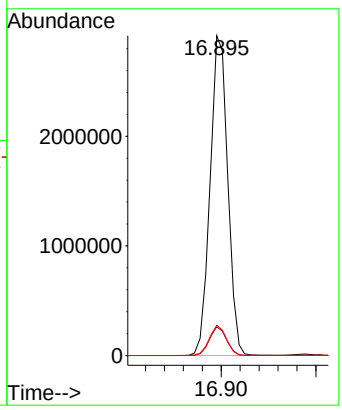


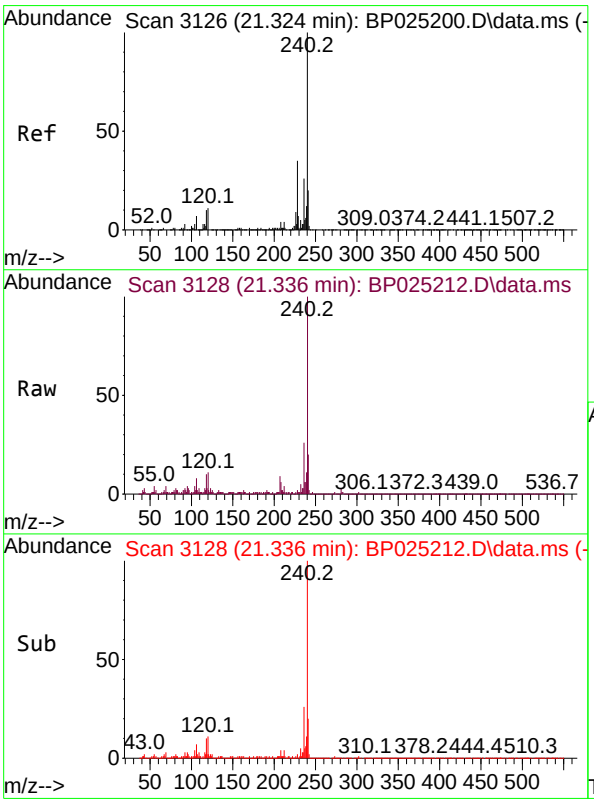
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Tgt Ion:188 Resp: 3779952

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.5	7.3	10.9

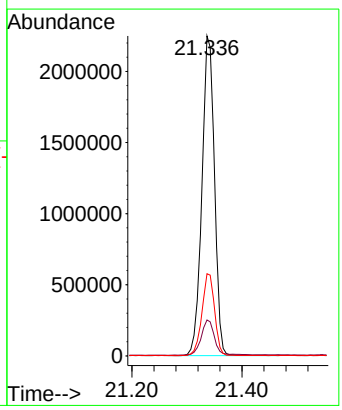


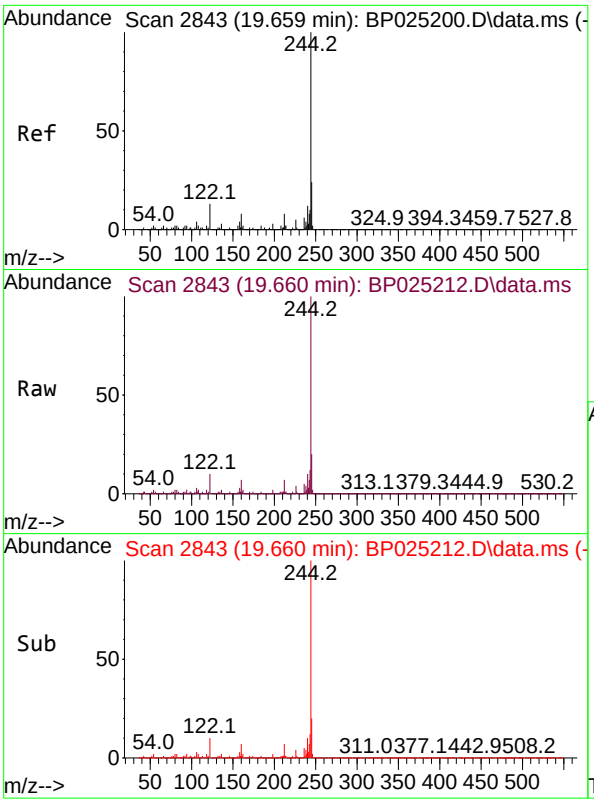


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:240 Resp: 3553060

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.7	20.9	31.3



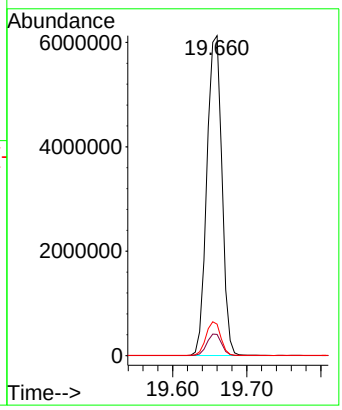


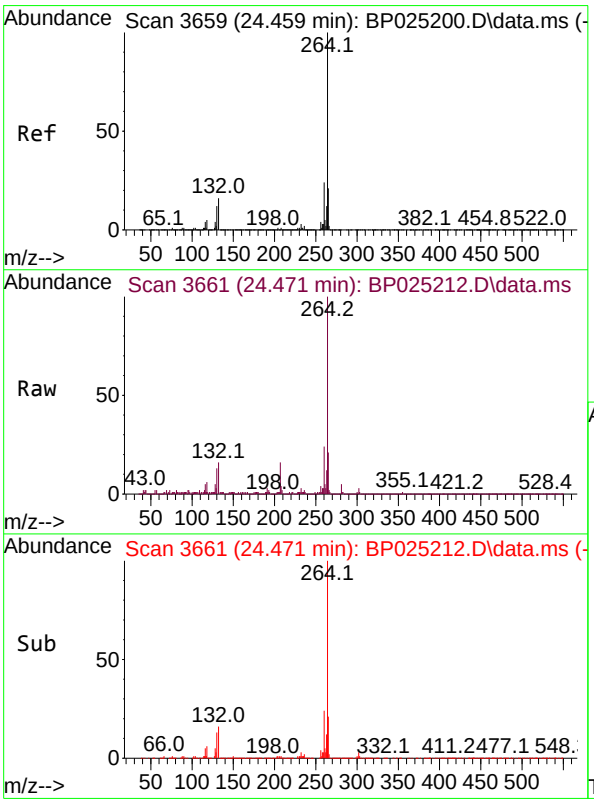
#79
Terphenyl-d14
Concen: 47.861 ng
RT: 19.660 min Scan# 28
Delta R.T. 0.001 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Tgt Ion:244 Resp: 8614502

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.6	9.8
122	9.8	10.3	15.5#

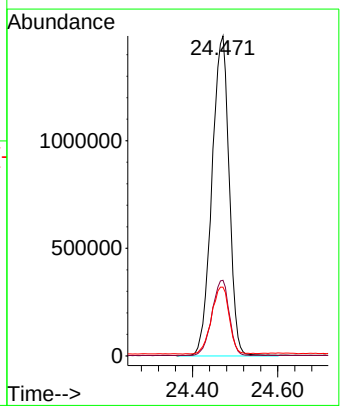


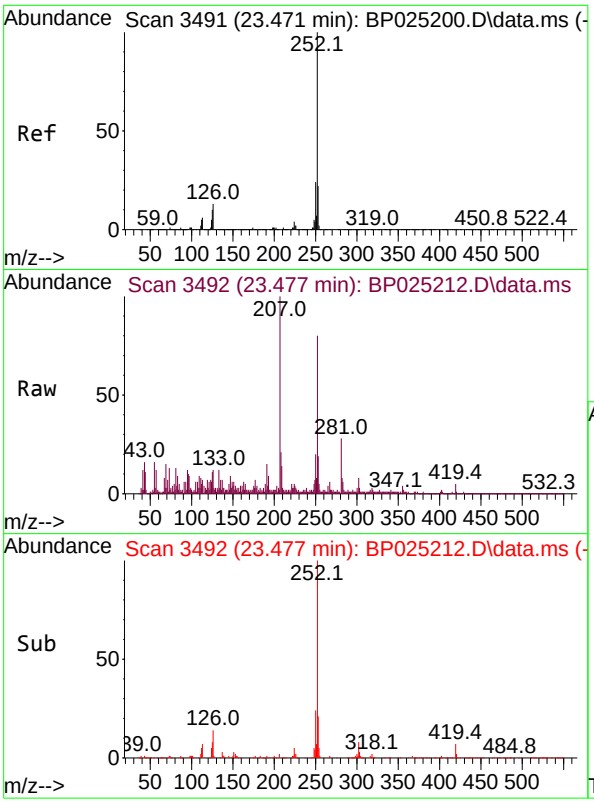


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. 0.012 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:264 Resp: 4178405

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.5	17.5	26.3



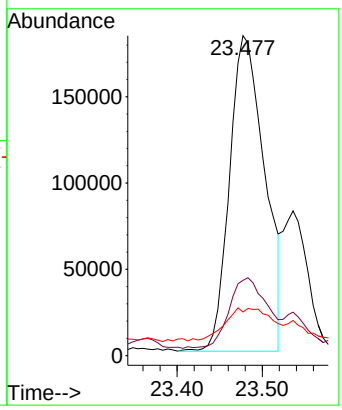


#88
Benzo(b)fluoranthene
Concen: 2.191 ng
RT: 23.477 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Tgt Ion:252 Resp: 524002

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.6	7.8	11.8#



LSC Area Percent Report

Sample Results: **BP025212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	288	293	302	rVB	773530	1127973	4.92%	0.545%
2	5.108	362	369	386	rBV	8645402	13126970	57.25%	6.347%
3	6.166	544	549	556	rVB	151876	237580	1.04%	0.115%
4	6.637	622	629	644	rBV	8593163	13471447	58.76%	6.513%
5	7.437	758	765	775	rBV	3172194	4899087	21.37%	2.369%
6	8.560	948	956	964	rBV	5735117	9256217	40.37%	4.475%
7	10.172	1223	1230	1241	rVB	3826598	6663407	29.06%	3.222%
8	10.313	1247	1254	1260	rBV	165283	317945	1.39%	0.154%
9	12.672	1648	1655	1666	rBV	14165634	20005483	87.26%	9.672%
10	14.072	1887	1893	1902	rBV	6056418	8411784	36.69%	4.067%
11	14.942	2034	2041	2046	rBV2	167453	303353	1.32%	0.147%
12	15.484	2127	2133	2144	rVB	1047615	1457291	6.36%	0.705%
13	15.601	2146	2153	2162	rVV	10211353	15837463	69.08%	7.657%
14	16.066	2223	2232	2235	rBV	182903	359181	1.57%	0.174%
15	16.125	2237	2242	2247	rVV	395873	554551	2.42%	0.268%
16	16.331	2273	2277	2284	rVB	190483	255419	1.11%	0.123%
17	16.842	2360	2364	2368	rBV	293796	522723	2.28%	0.253%
18	16.895	2368	2373	2378	rVV2	6854684	8992877	39.22%	4.348%
19	17.001	2386	2391	2394	rBV2	274209	438426	1.91%	0.212%
20	17.042	2394	2398	2404	rVB2	342196	508291	2.22%	0.246%
21	17.748	2514	2518	2522	rVB3	158870	232890	1.02%	0.113%
22	17.801	2522	2527	2534	rBV4	403287	786625	3.43%	0.380%
23	17.878	2535	2540	2548	rBV	3963010	6131110	26.74%	2.964%
24	18.160	2583	2588	2601	rVB9	420087	1328755	5.80%	0.642%
25	18.948	2719	2722	2729	rVB2	446170	657757	2.87%	0.318%
26	19.042	2734	2738	2741	rBV	677202	944423	4.12%	0.457%
27	19.101	2744	2748	2749	rVV3	561311	782702	3.41%	0.378%
28	19.119	2749	2751	2754	rVV3	817974	1166128	5.09%	0.564%
29	19.160	2755	2758	2766	rVV3	904234	2126059	9.27%	1.028%
30	19.225	2766	2769	2774	rVB	818793	1020496	4.45%	0.493%
31	19.425	2799	2803	2807	rVB	493257	614154	2.68%	0.297%
32	19.660	2837	2843	2852	rVB	16010375	22927432	100.00%	11.085%
33	20.348	2957	2960	2963	rBV	562808	836664	3.65%	0.405%
34	20.519	2985	2989	2993	rBV	903757	1259144	5.49%	0.609%
35	20.960	3059	3064	3067	rBV4	898178	1601852	6.99%	0.774%
36	21.066	3078	3082	3087	rBV2	1958448	3138327	13.69%	1.517%

Sample Results: **BP025212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.336	3123	3128	3135	rBV2	6832876	13223530	57.68%	6.393%
38	22.248	3278	3283	3293	rVB	1977126	3658811	15.96%	1.769%
39	23.754	3533	3539	3546	rBV	3429699	7226859	31.52%	3.494%
40	24.471	3653	3661	3670	rVB	3935592	10479570	45.71%	5.067%
41	25.465	3825	3830	3847	rVB	1761693	5041610	21.99%	2.438%
42	25.842	3886	3894	3905	rVB2	2641039	8944801	39.01%	4.325%
43	29.748	4551	4558	4567	rBV2	1818942	5953704	25.97%	2.879%

Sum of corrected areas: 206830871

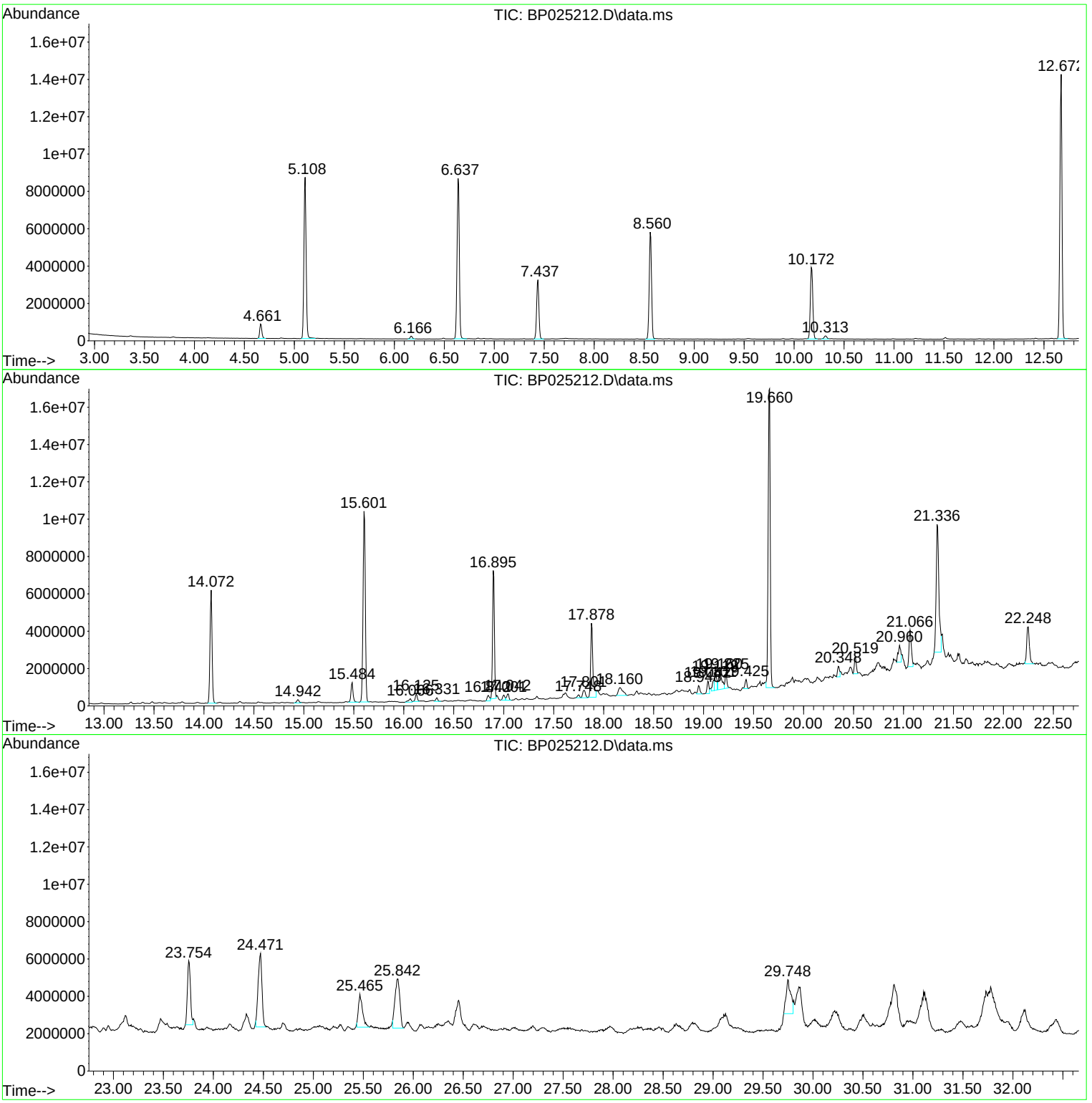
Sample Results: **BP025212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **BP025212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Sample Results: **BP025212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **BP025213.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	58
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
BP025213.D	1	07/21/25 09:30	07/22/25 13:55	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.22	U	0.039	0.22	0.29	mg/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.044	0.22	0.29	mg/Kg
208-96-8	Acenaphthylene	0.22	U	0.050	0.22	0.29	mg/Kg
83-32-9	Acenaphthene	0.22	U	0.037	0.22	0.29	mg/Kg
86-73-7	Fluorene	0.22	U	0.044	0.22	0.29	mg/Kg
85-01-8	Phenanthrene	0.22	U	0.036	0.22	0.29	mg/Kg
120-12-7	Anthracene	0.22	U	0.057	0.22	0.29	mg/Kg
206-44-0	Fluoranthene	0.22	U	0.052	0.22	0.29	mg/Kg
129-00-0	Pyrene	0.22	U	0.062	0.22	0.29	mg/Kg
56-55-3	Benzo(a)anthracene	0.22	U	0.040	0.22	0.29	mg/Kg
218-01-9	Chrysene	0.22	U	0.034	0.22	0.29	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	J	0.033	0.22	0.29	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.22	U	0.039	0.22	0.29	mg/Kg
50-32-8	Benzo(a)pyrene	0.22	U	0.051	0.22	0.29	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.22	U	0.050	0.22	0.29	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.22	U	0.047	0.22	0.29	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.22	U	0.044	0.22	0.29	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	57.6		37 - 122		58%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.2		44 - 115		55%	SPK: 100
1718-51-0	Terphenyl-d14	52.8	*	54 - 127		53%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	879000	7.431				
1146-65-2	Naphthalene-d8	3360000	10.178				
15067-26-2	Acenaphthene-d10	2000000	14.072				
1517-22-2	Phenanthrene-d10	3660000	16.884				
1719-03-5	Chrysene-d12	3470000	21.325				
1520-96-3	Perylene-d12	4000000	24.466				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **BP025213.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	58
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
BP025213.D	1	07/21/25 09:30	07/22/25 13:55	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Quant Time: Jul 22 14:48:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

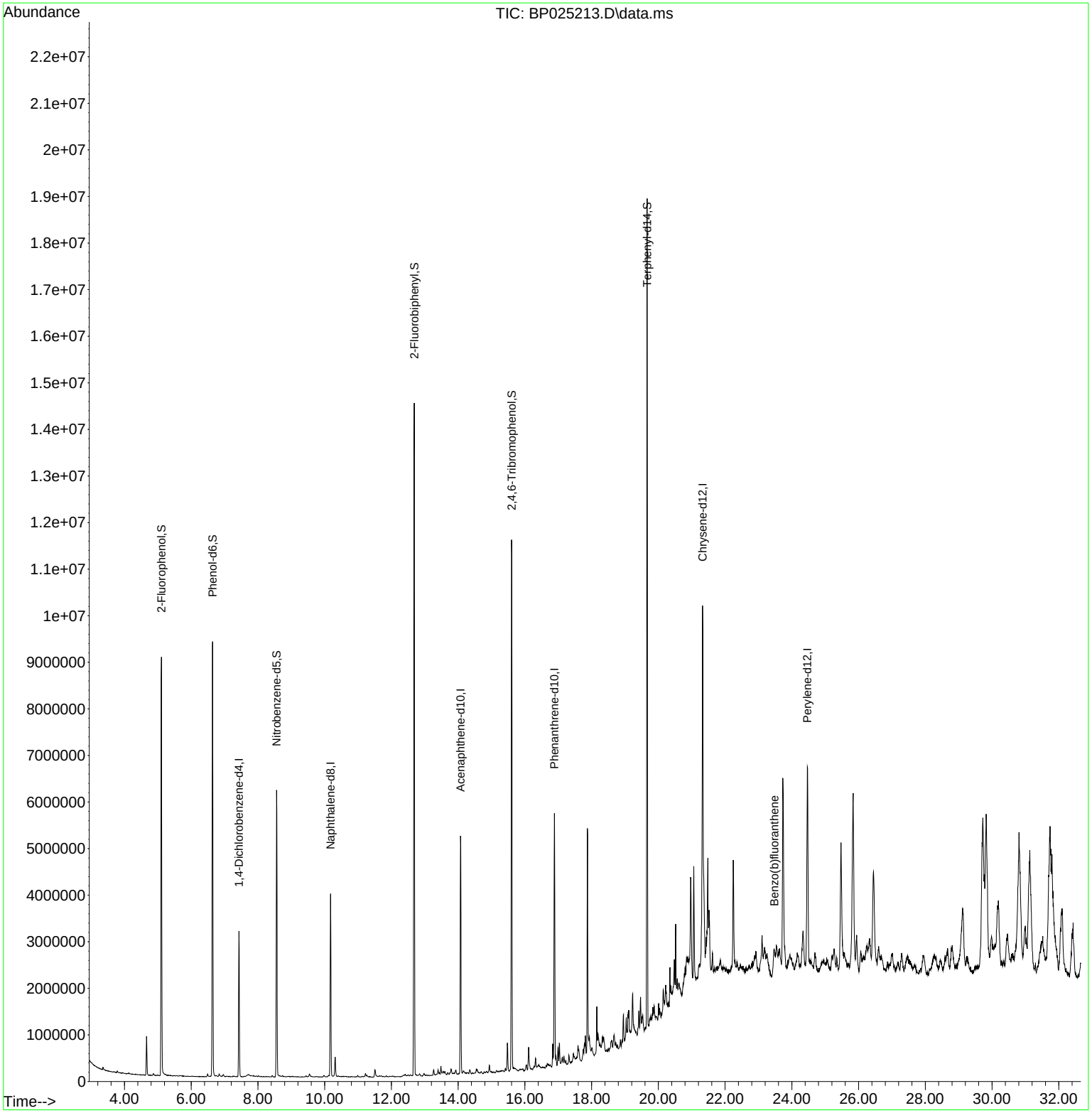
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	878548	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	3358646	20.000	ng	0.00
39) Acenaphthene-d10	14.072	164	2004270	20.000	ng	0.00
64) Phenanthrene-d10	16.884	188	3663003	20.000	ng	-0.01
76) Chrysene-d12	21.325	240	3467562	20.000	ng	0.00
86) Perylene-d12	24.466	264	4001783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4517642	86.884	ng	0.00
7) Phenol-d6	6.643	99	5595296	86.884	ng	0.00
23) Nitrobenzene-d5	8.561	82	3481137	57.600	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2607176	88.237	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	7851904	55.231	ng	0.00
79) Terphenyl-d14	19.666	244	9274689	52.799	ng	0.00
Target Compounds						Qvalue
88) Benzo(b)fluoranthene	23.472	252	532409	2.324	ng	# 88

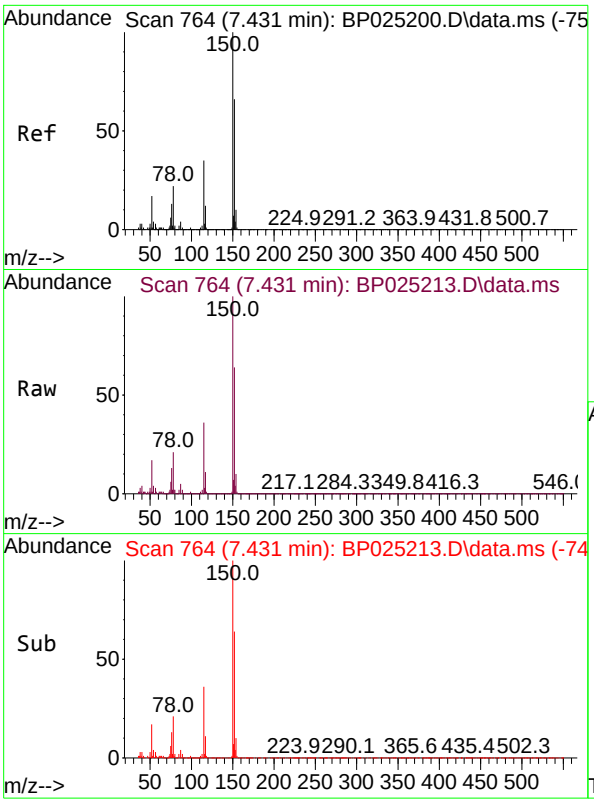
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Quant Time: Jul 22 14:48:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



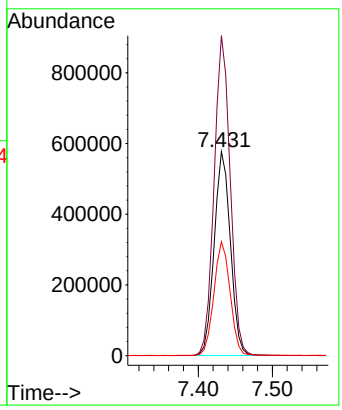


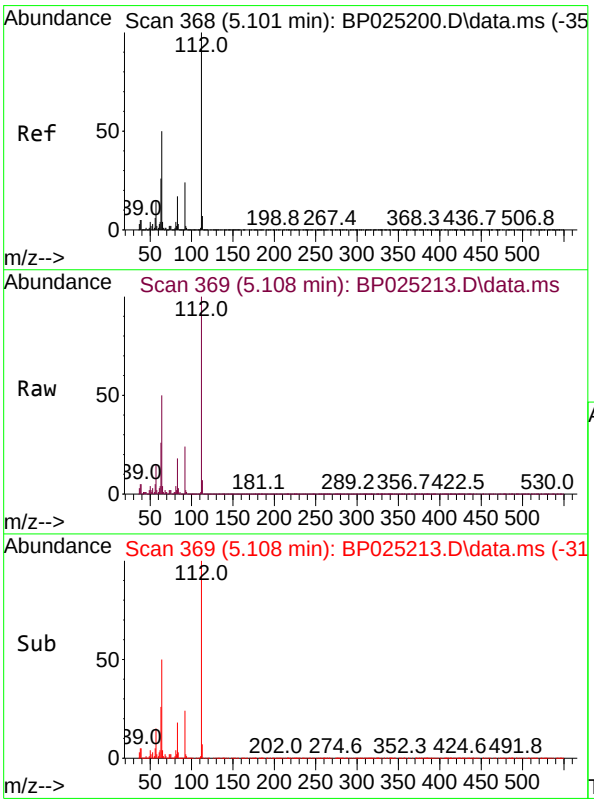
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Tgt Ion:152 Resp: 878548

Ion	Ratio	Lower	Upper
152	100		
150	156.9	121.9	182.9
115	55.8	43.0	64.6

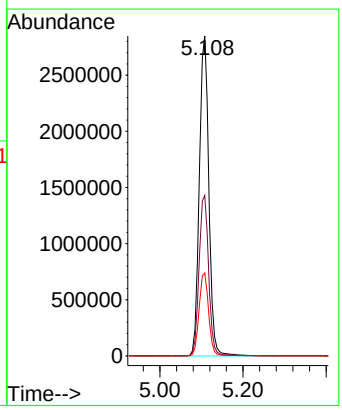


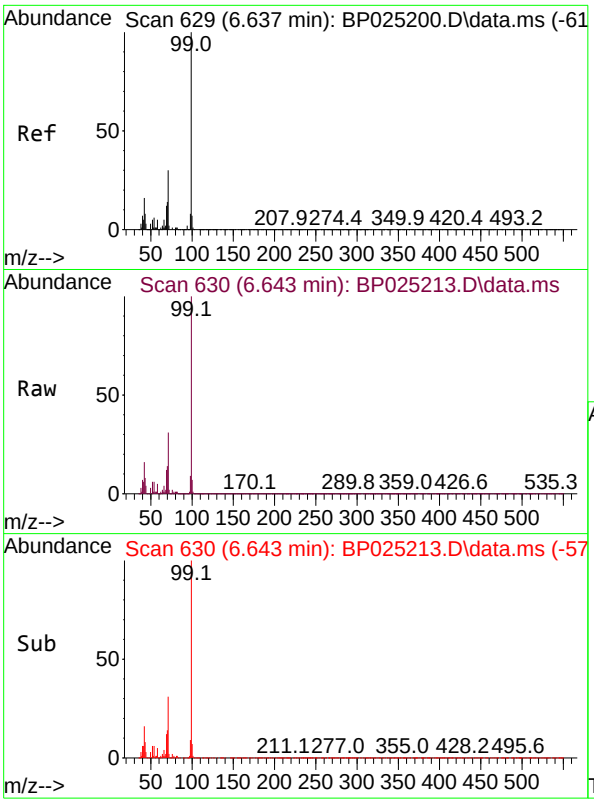


#5
2-Fluorophenol
Concen: 86.884 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:112 Resp: 4517642

Ion	Ratio	Lower	Upper
112	100		
64	50.1	39.8	59.6
63	25.9	20.5	30.7



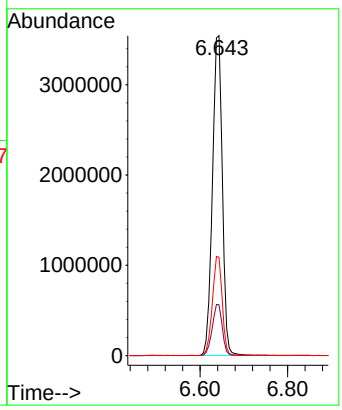


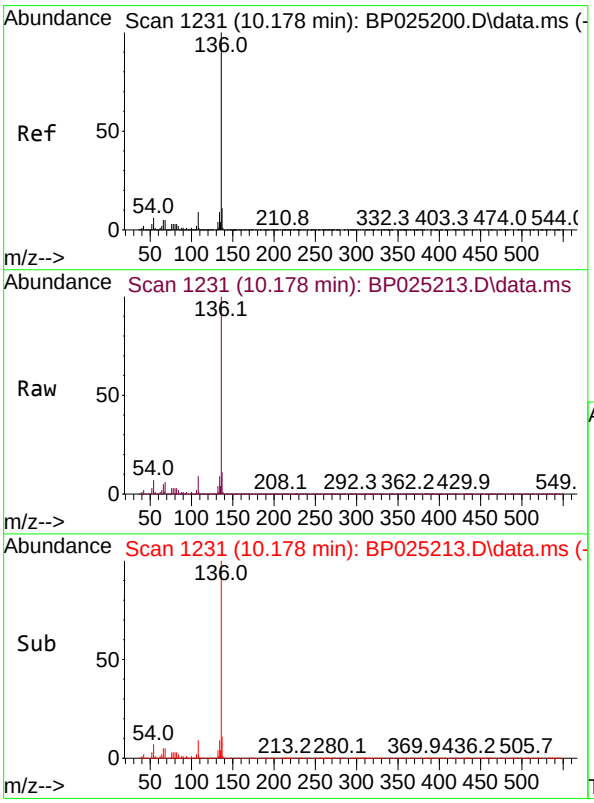
#7
Phenol-d6
Concen: 86.884 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Tgt Ion: 99 Resp: 5595296

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	30.7	24.2	36.2

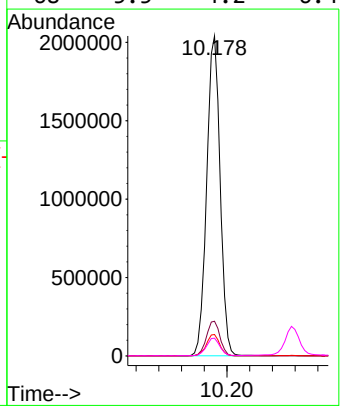


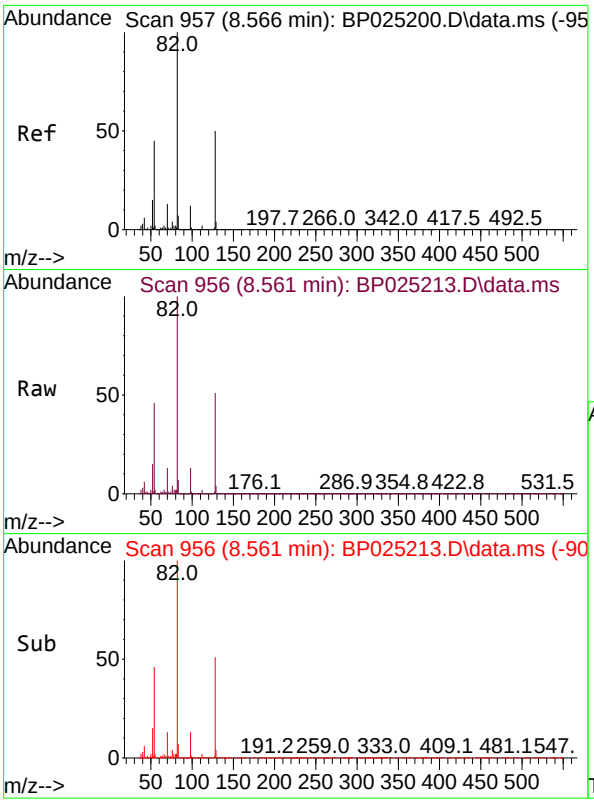


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:136 Resp: 3358646

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.7	5.1	7.7
68	5.5	4.2	6.4



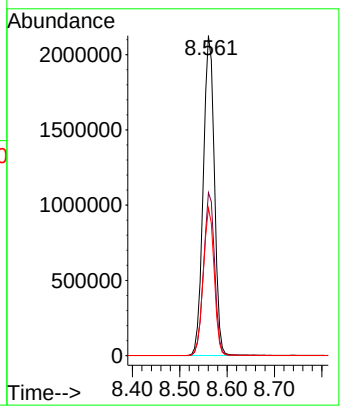


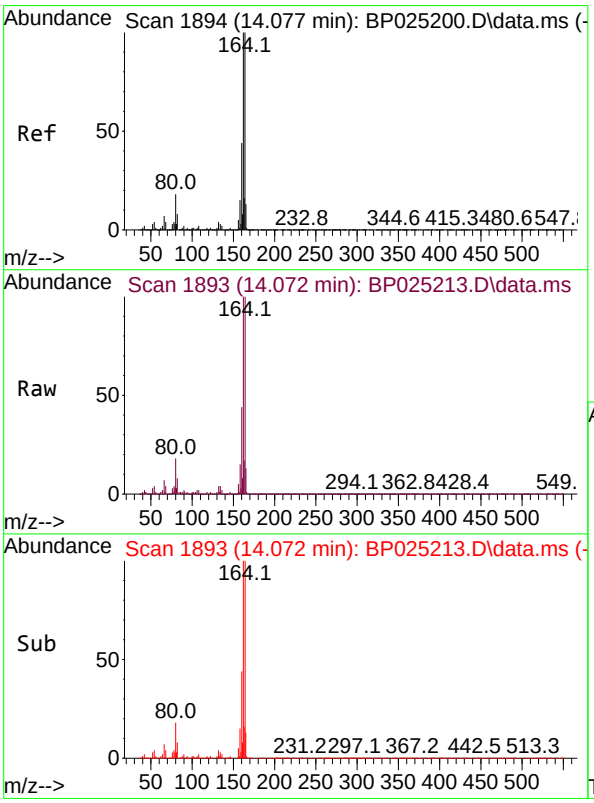
#23
Nitrobenzene-d5
Concen: 57.600 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Tgt Ion: 82 Resp: 3481137

Ion	Ratio	Lower	Upper
82	100		
128	50.9	40.2	60.4
54	46.1	36.3	54.5

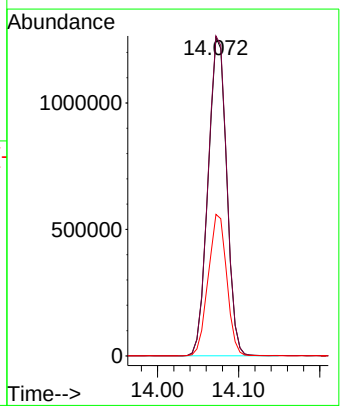


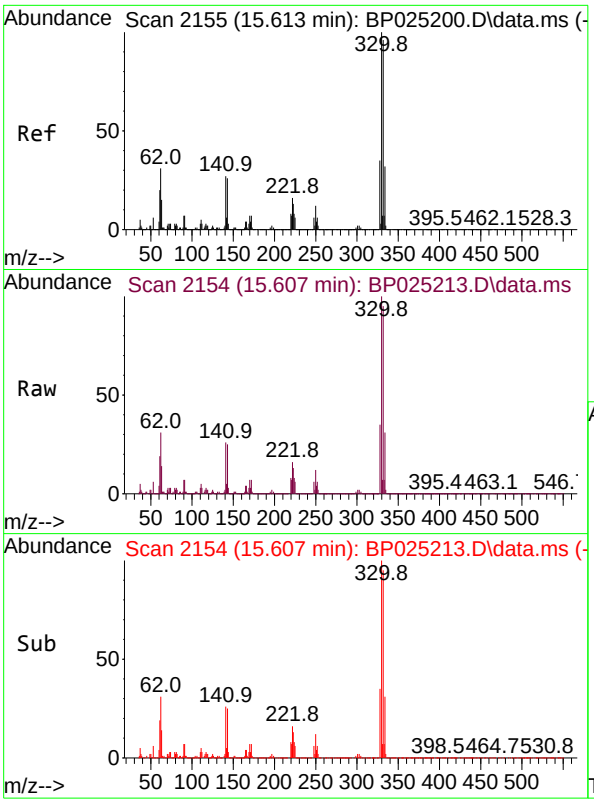


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:164 Resp: 2004270

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.4	35.7	53.5



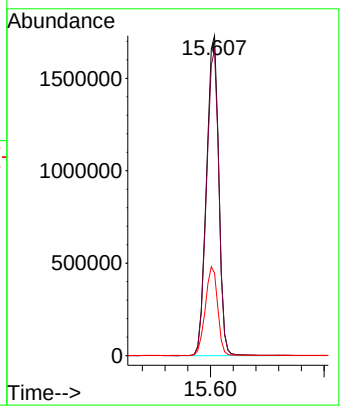


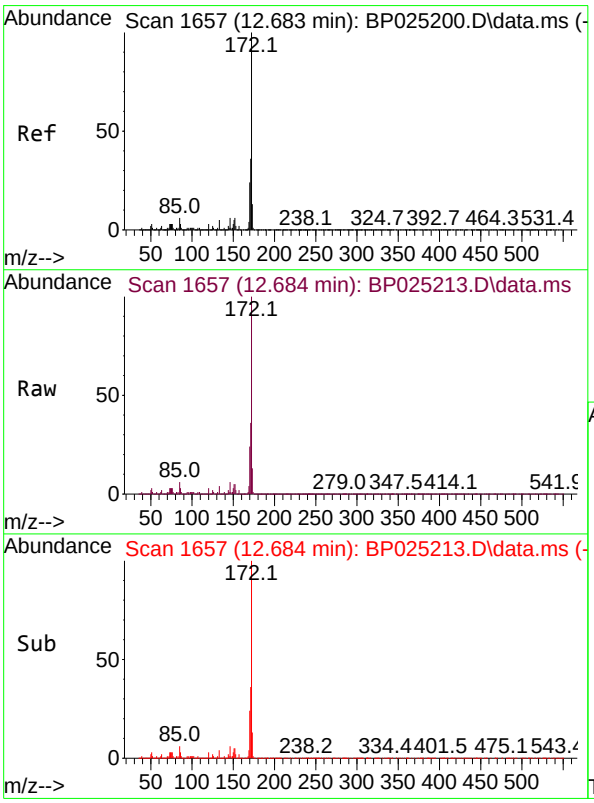
#42
2,4,6-Tribromophenol
Concen: 88.237 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Tgt Ion:330 Resp: 2607176

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	27.8	22.4	33.6

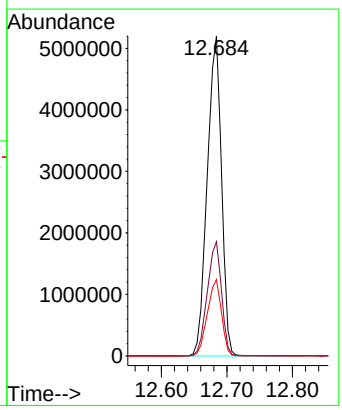


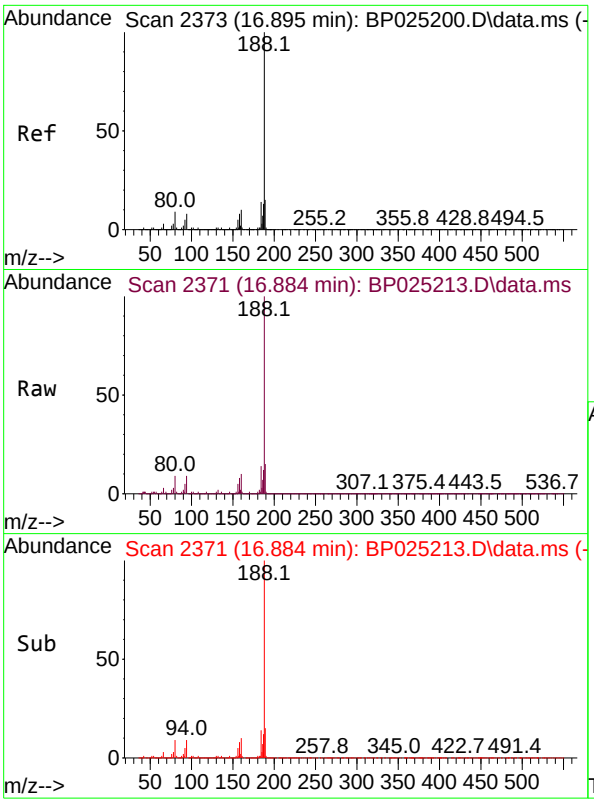


#45
2-Fluorobiphenyl
Concen: 55.231 ng
RT: 12.684 min Scan# 1657
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:172 Resp: 7851904

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.8	19.2	28.8



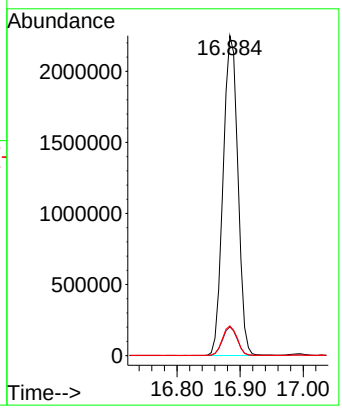


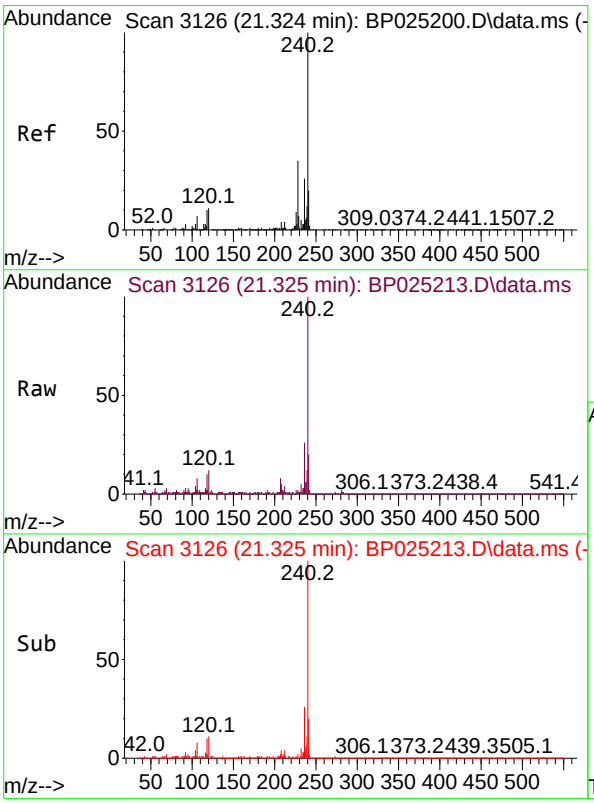
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.884 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Tgt Ion:188 Resp: 3663003

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.3	7.3	10.9

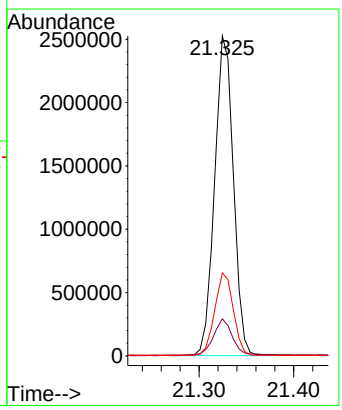


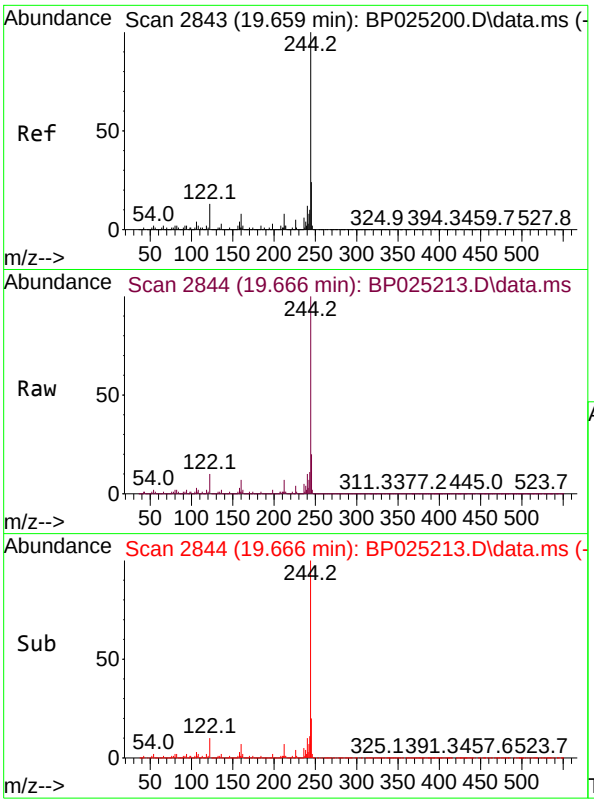


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:240 Resp: 3467562

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.8	13.2
236	25.9	20.9	31.3



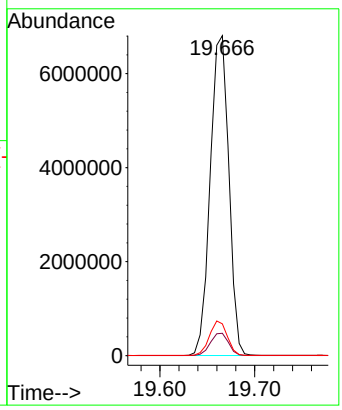


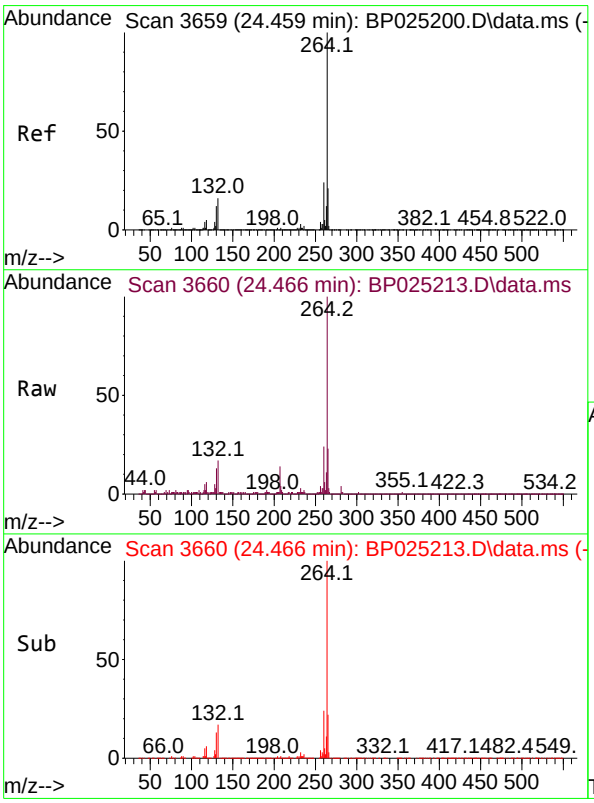
#79
Terphenyl-d14
Concen: 52.799 ng
RT: 19.666 min Scan# 28
Delta R.T. 0.007 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Tgt Ion:244 Resp: 9274689

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	9.8
122	9.9	10.3	15.5#

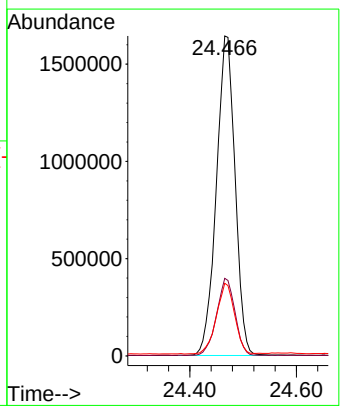


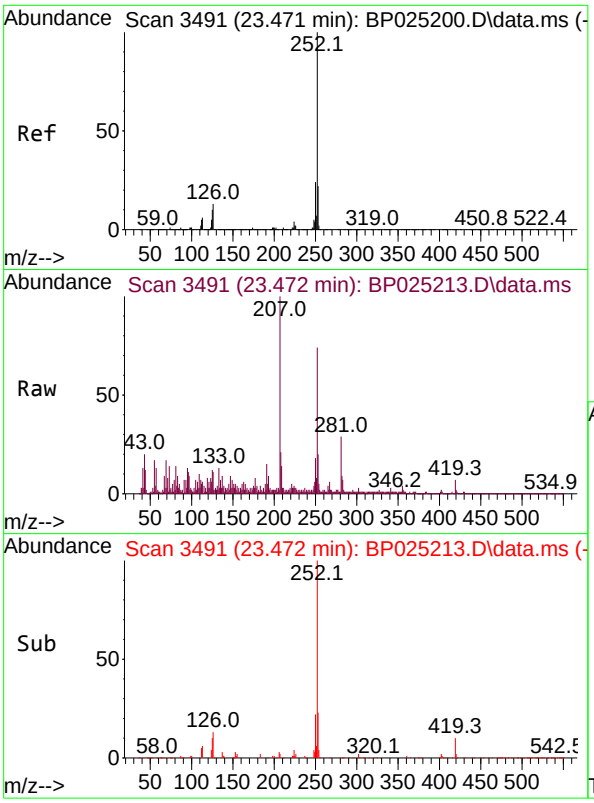


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:264 Resp: 4001783

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.7	17.5	26.3



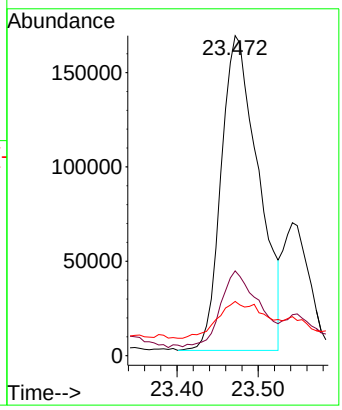


#88
Benzo(b)fluoranthene
Concen: 2.324 ng
RT: 23.472 min Scan# 34
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Tgt Ion:252 Resp: 532409

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.0	27.0
125	16.9	7.8	11.8#



Sample Results: **BP025213.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	288	293	304	rVB	834190	1229426	5.07%	0.532%
2	5.108	362	369	387	rBV	8985872	14315849	59.02%	6.201%
3	6.643	622	630	643	rBV	9329908	14793382	60.99%	6.407%
4	7.431	757	764	776	rBV	3128743	4754112	19.60%	2.059%
5	8.561	946	956	964	rBV	6160742	10077920	41.55%	4.365%
6	10.178	1223	1231	1244	rVB	3915896	6438803	26.54%	2.789%
7	10.313	1244	1254	1262	rBV	410947	715640	2.95%	0.310%
8	11.507	1449	1457	1467	rBV	158070	378646	1.56%	0.164%
9	12.684	1649	1657	1663	rBV	14442099	21881935	90.21%	9.478%
10	13.484	1789	1793	1800	rBV	172894	266089	1.10%	0.115%
11	14.072	1887	1893	1902	rBV	5104920	8187155	33.75%	3.546%
12	14.937	2035	2040	2047	rBV2	147407	248565	1.02%	0.108%
13	15.478	2126	2132	2140	rVB	605117	1056082	4.35%	0.457%
14	15.601	2147	2153	2161	rBV	11364270	17334796	71.46%	7.508%
15	16.113	2234	2240	2248	rBV2	481006	902315	3.72%	0.391%
16	16.319	2271	2275	2282	rVB2	194074	291366	1.20%	0.126%
17	16.831	2358	2362	2365	rBV	497719	661063	2.73%	0.286%
18	16.884	2365	2371	2377	rVB2	5309976	8792822	36.25%	3.808%
19	16.990	2385	2389	2393	rBV	378531	571424	2.36%	0.247%
20	17.031	2393	2396	2402	rVB	442262	655615	2.70%	0.284%
21	17.590	2488	2491	2494	rBV2	244584	346063	1.43%	0.150%
22	17.784	2521	2524	2526	rBV2	202706	273201	1.13%	0.118%
23	17.813	2526	2529	2534	rVB2	362645	451672	1.86%	0.196%
24	17.872	2534	2539	2547	rBV	4812110	6751709	27.83%	2.924%
25	18.154	2583	2587	2590	rBV	959212	1223351	5.04%	0.530%
26	18.954	2718	2723	2727	rBV	593898	893785	3.68%	0.387%
27	19.036	2734	2737	2740	rBV	404800	492147	2.03%	0.213%
28	19.089	2743	2746	2748	rBV3	387423	526473	2.17%	0.228%
29	19.231	2766	2770	2776	rVB2	733583	1172835	4.84%	0.508%
30	19.413	2798	2801	2805	rBV	369947	431426	1.78%	0.187%
31	19.466	2806	2810	2815	rBV	630516	924681	3.81%	0.401%
32	19.666	2838	2844	2849	rBV	17808098	24256447	100.00%	10.506%
33	20.007	2899	2902	2905	rBV3	332059	405840	1.67%	0.176%
34	20.148	2923	2926	2930	rBV	400741	618809	2.55%	0.268%
35	20.348	2956	2960	2962	rBV	846884	1045154	4.31%	0.453%
36	20.519	2986	2989	2994	rVB	1388796	1515907	6.25%	0.657%

Sample Results: **BP025213.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.966	3062	3065	3075	rVB7	2165306	4354348	17.95%	1.886%
38	21.060	3077	3081	3089	rVB2	2385952	3475691	14.33%	1.505%
39	21.325	3118	3126	3139	rVB	7566802	16945256	69.86%	7.339%
40	21.483	3149	3153	3156	rBV	1605710	1818557	7.50%	0.788%
41	22.242	3278	3282	3294	rVB2	2293820	4574669	18.86%	1.981%
42	23.730	3530	3535	3544	rBV	3763389	8037513	33.14%	3.481%
43	24.466	3653	3660	3668	rVB	4172281	9830432	40.53%	4.258%
44	25.471	3824	3831	3842	rBV2	2563228	7072713	29.16%	3.063%
45	25.836	3885	3893	3904	rVB	3571929	10536287	43.44%	4.564%
46	29.724	4544	4554	4560	rBV3	2540516	9353609	38.56%	4.051%

Sum of corrected areas: 230881580

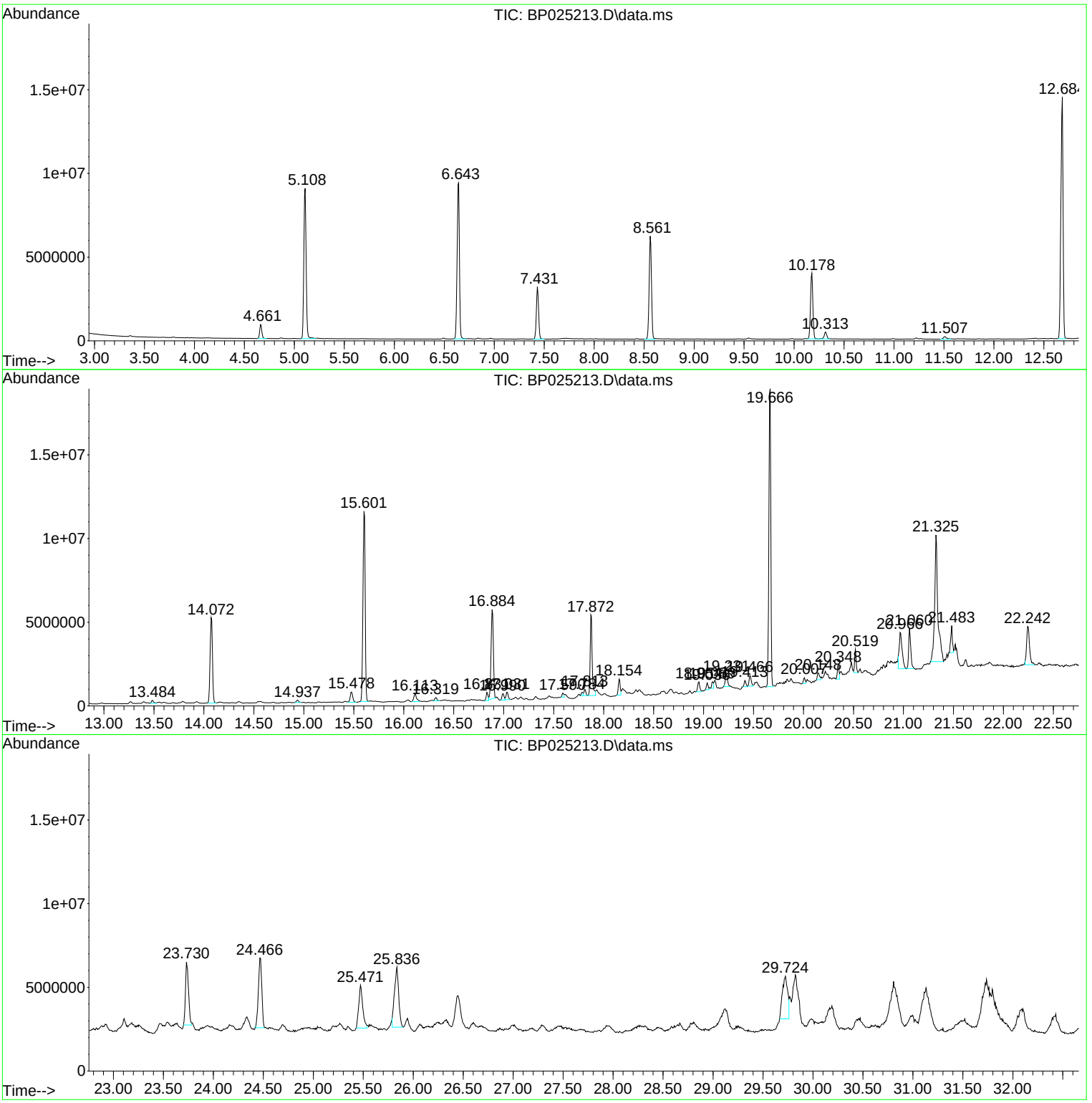
Sample Results: **BP025213.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **BP025213.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Sample Results: **BP025213.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-43-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **BP025223.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-44-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	64.9
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
BP025223.D	1	07/21/25 09:30	07/23/25 14:09	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.20	U	0.035	0.20	0.26	mg/Kg
91-57-6	2-Methylnaphthalene	0.20	U	0.039	0.20	0.26	mg/Kg
208-96-8	Acenaphthylene	0.20	U	0.045	0.20	0.26	mg/Kg
83-32-9	Acenaphthene	0.20	U	0.033	0.20	0.26	mg/Kg
86-73-7	Fluorene	0.20	U	0.039	0.20	0.26	mg/Kg
85-01-8	Phenanthrene	0.20	U	0.032	0.20	0.26	mg/Kg
120-12-7	Anthracene	0.20	U	0.051	0.20	0.26	mg/Kg
206-44-0	Fluoranthene	0.20	U	0.046	0.20	0.26	mg/Kg
129-00-0	Pyrene	0.20	U	0.055	0.20	0.26	mg/Kg
56-55-3	Benzo(a)anthracene	0.20	U	0.035	0.20	0.26	mg/Kg
218-01-9	Chrysene	0.20	U	0.031	0.20	0.26	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.20	U	0.029	0.20	0.26	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.20	U	0.035	0.20	0.26	mg/Kg
50-32-8	Benzo(a)pyrene	0.20	U	0.045	0.20	0.26	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.20	U	0.045	0.20	0.26	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.20	U	0.042	0.20	0.26	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.20	U	0.040	0.20	0.26	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	49.4		37 - 122		49%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.0		44 - 115		49%	SPK: 100
1718-51-0	Terphenyl-d14	38.7	*	54 - 127		39%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	635000	7.437				
1146-65-2	Naphthalene-d8	2350000	10.178				
15067-26-2	Acenaphthene-d10	1280000	14.083				
1517-22-2	Phenanthrene-d10	2540000	16.895				
1719-03-5	Chrysene-d12	3030000	21.324				
1520-96-3	Perylene-d12	3690000	24.465				
TENTATIVE IDENTIFIED COMPOUNDS							

Raw Data: **BP025223.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-44-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	64.9
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
BP025223.D	1	07/21/25 09:30	07/23/25 14:09	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Quant Time: Jul 23 14:59:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

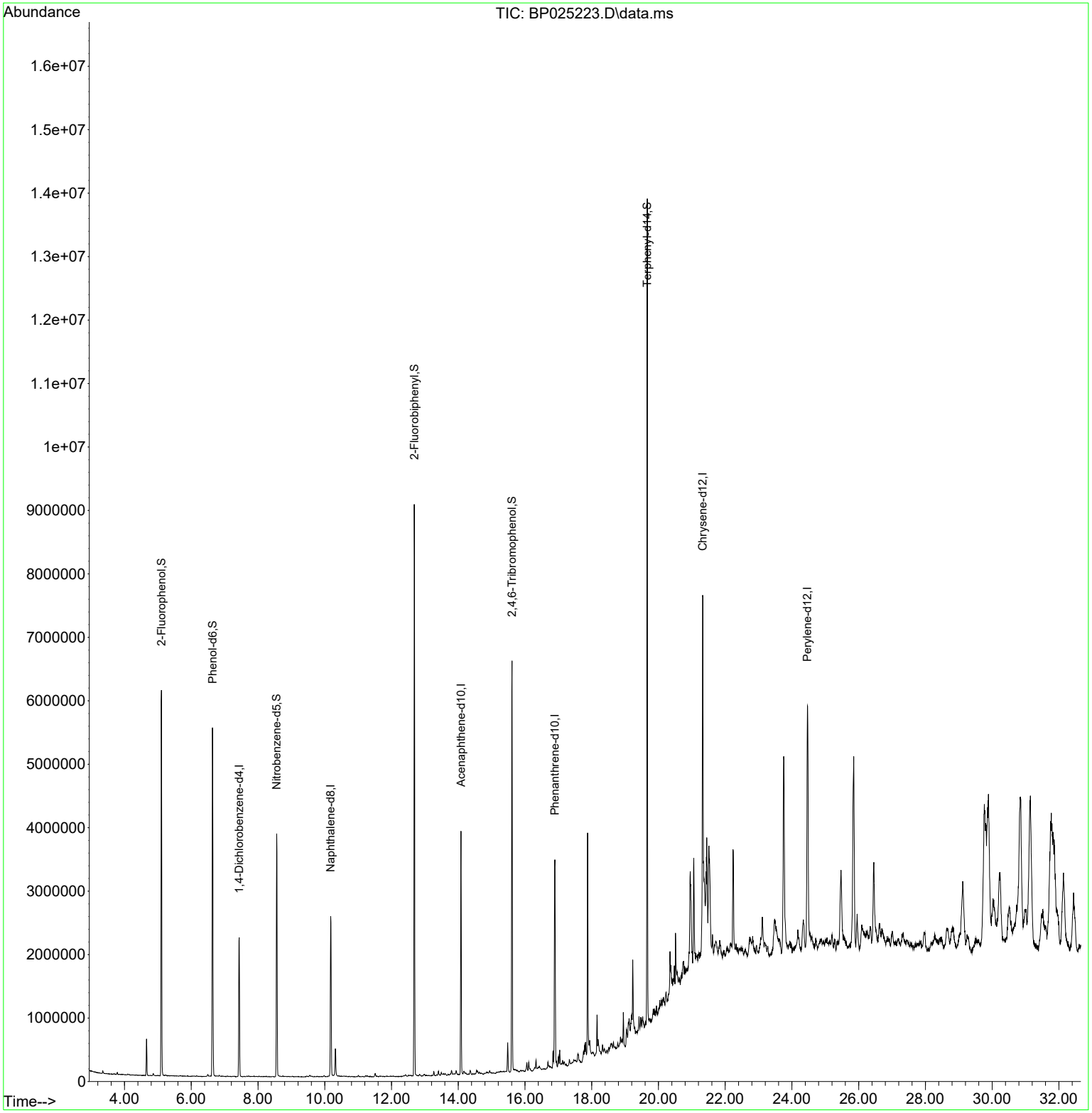
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	635401	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2349335	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1282002	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2536430	20.000	ng	0.00
76) Chrysene-d12	21.324	240	3032391	20.000	ng	0.00
86) Perylene-d12	24.465	264	3690514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.107	112	2704043	71.905	ng	0.00
7) Phenol-d6	6.637	99	3259079	69.973	ng	0.00
23) Nitrobenzene-d5	8.560	82	2088184	49.396	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1369837	72.480	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	4456076	49.003	ng	0.00
79) Terphenyl-d14	19.666	244	5943947	38.694	ng	0.00
Target Compounds						Qvalue

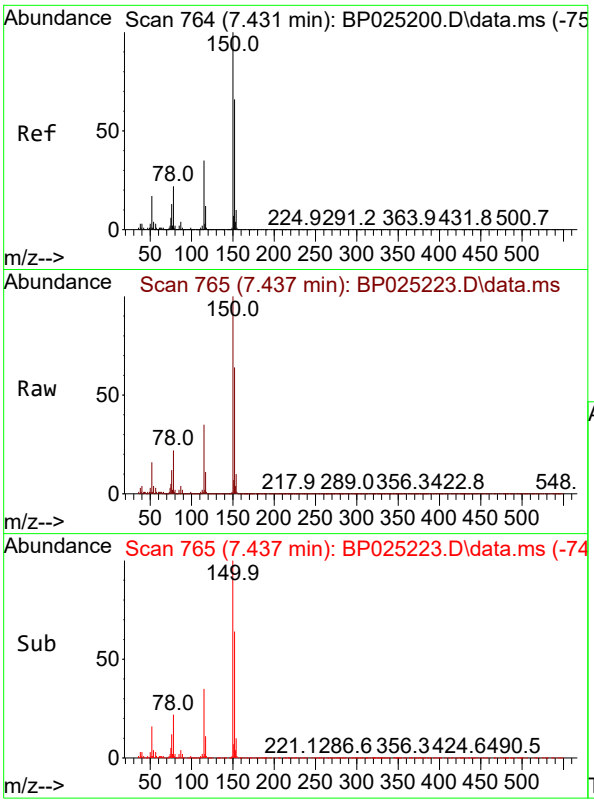
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Quant Time: Jul 23 14:59:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



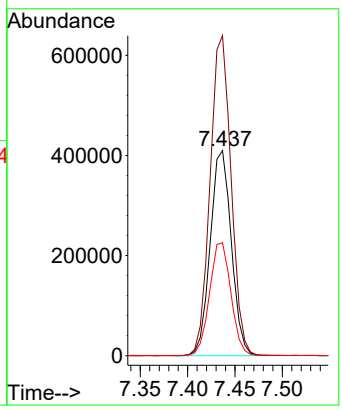


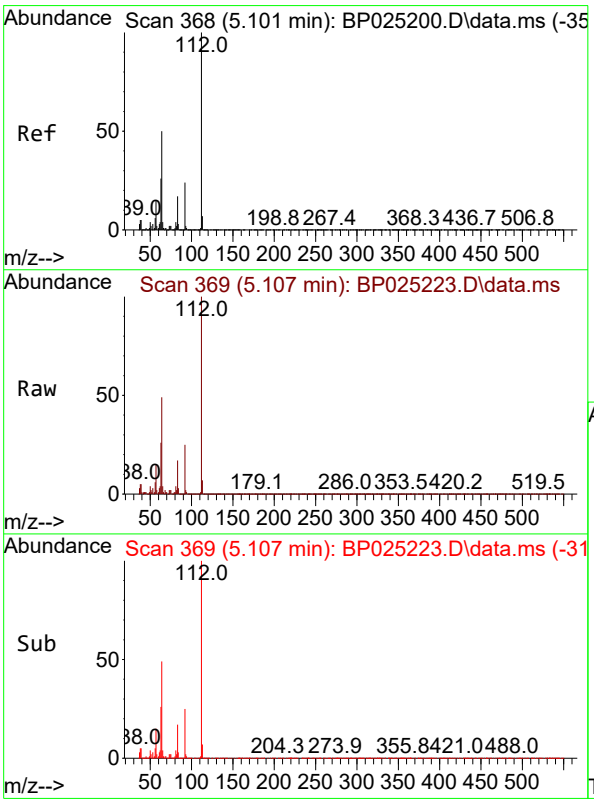
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Tgt Ion:152 Resp: 635401

Ion	Ratio	Lower	Upper
152	100		
150	156.0	121.9	182.9
115	55.0	43.0	64.6

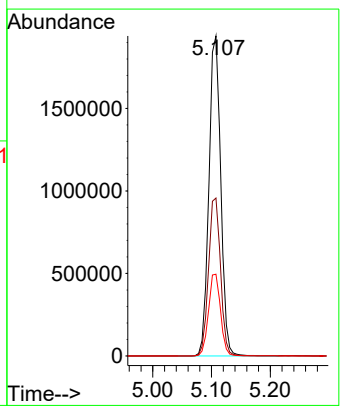


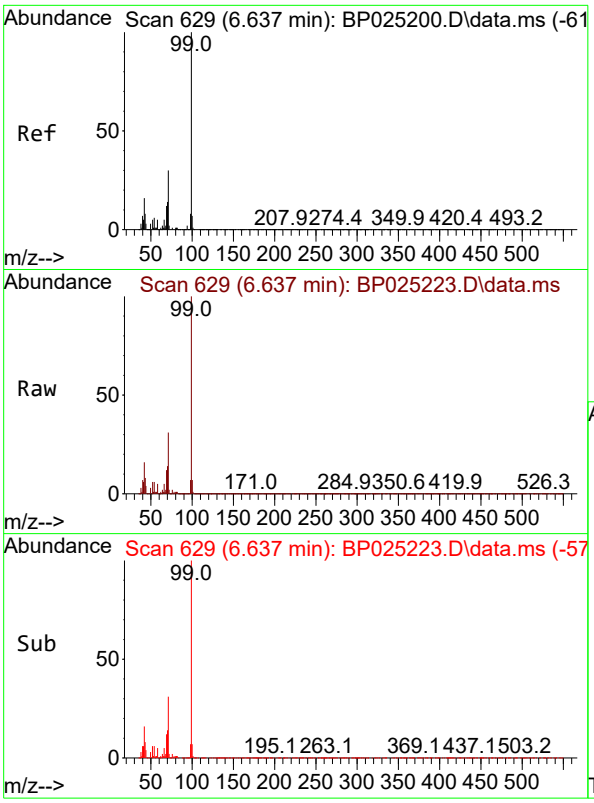


#5
2-Fluorophenol
Concen: 71.905 ng
RT: 5.107 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:112 Resp: 2704043

Ion	Ratio	Lower	Upper
112	100		
64	49.3	39.8	59.6
63	25.6	20.5	30.7



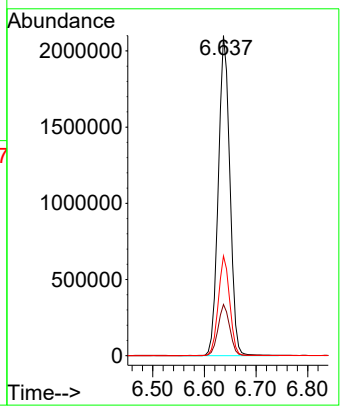


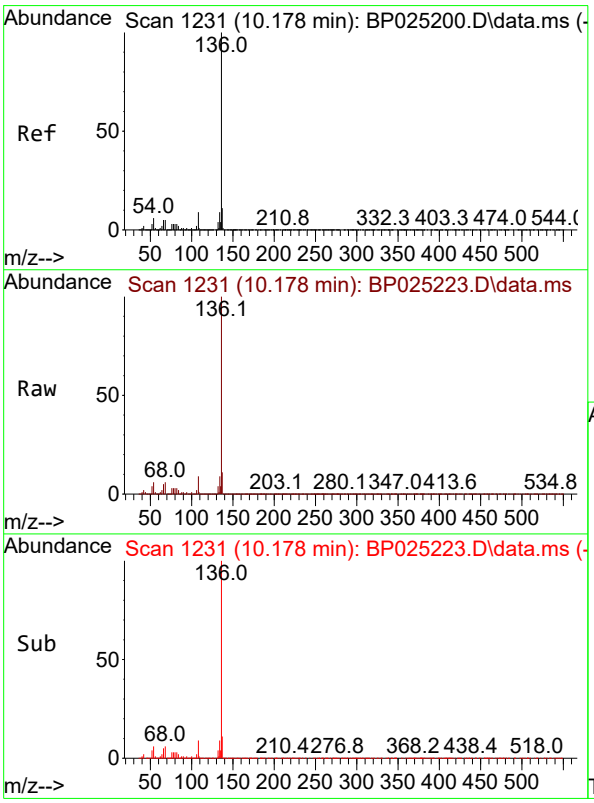
#7
Phenol-d6
Concen: 69.973 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Tgt Ion: 99 Resp: 3259079

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	31.2	24.2	36.2

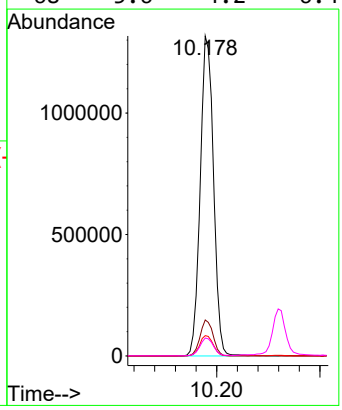


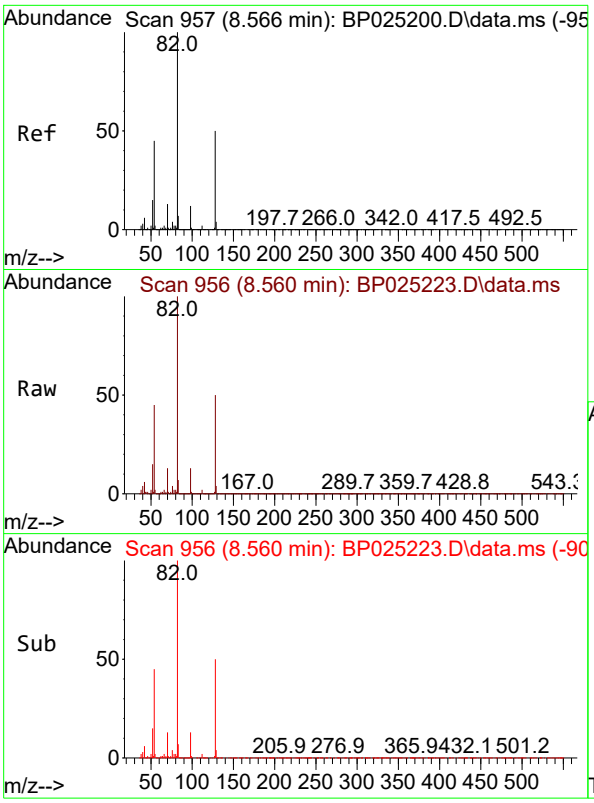


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:136 Resp: 2349335

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.4	5.1	7.7
68	5.6	4.2	6.4



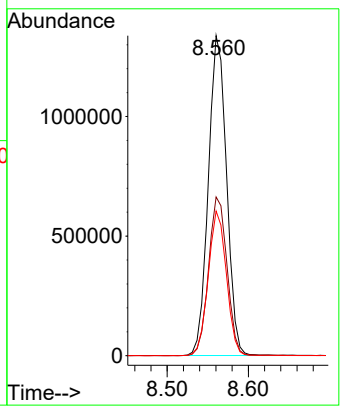


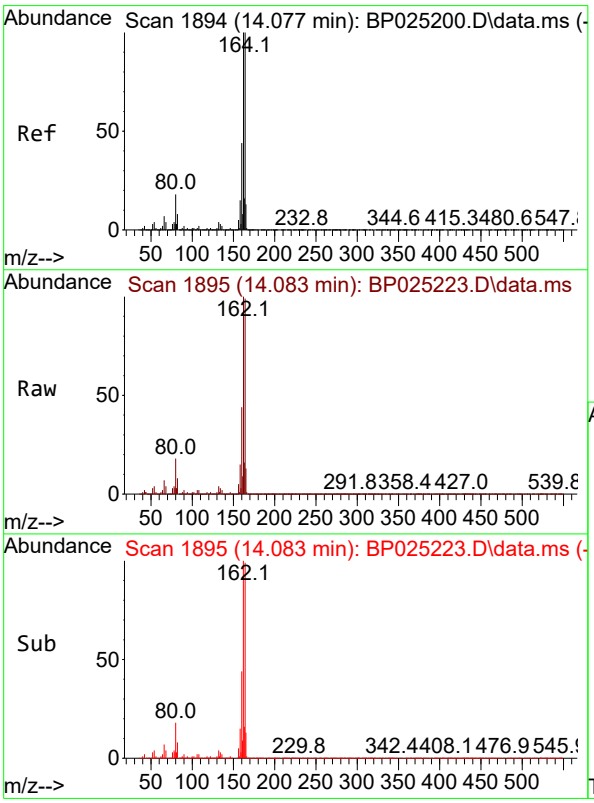
#23
Nitrobenzene-d5
Concen: 49.396 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Tgt Ion: 82 Resp: 2088184

Ion	Ratio	Lower	Upper
82	100		
128	49.6	40.2	60.4
54	45.2	36.3	54.5

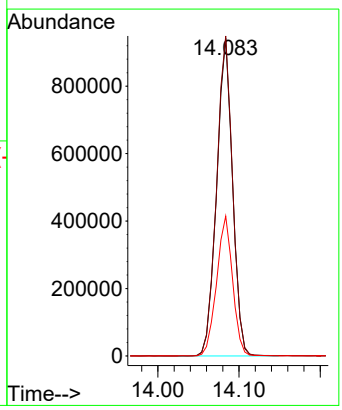


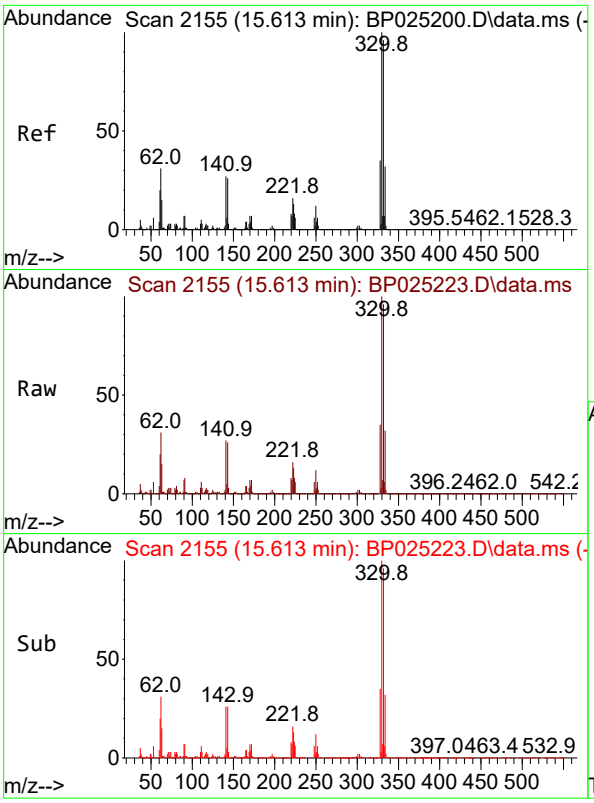


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:164 Resp: 1282002

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	44.0	35.7	53.5



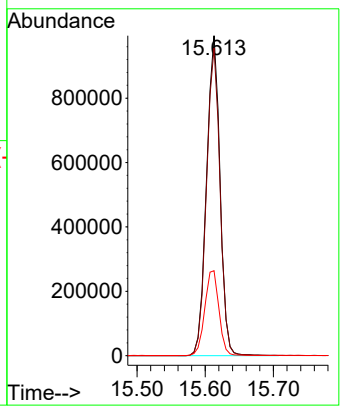


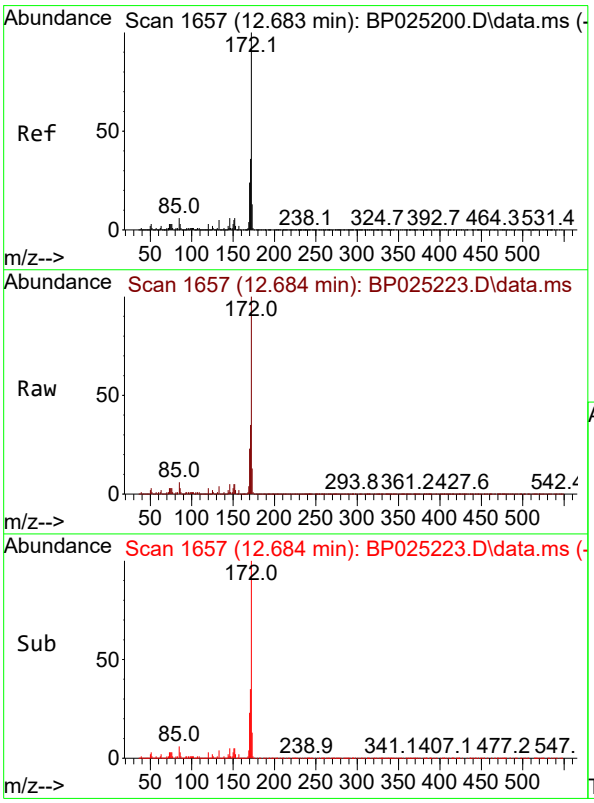
#42
2,4,6-Tribromophenol
Concen: 72.480 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Tgt Ion:330 Resp: 1369837

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	27.9	22.4	33.6

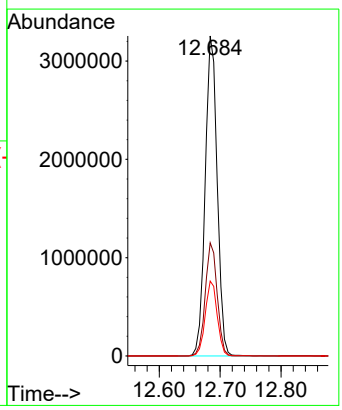


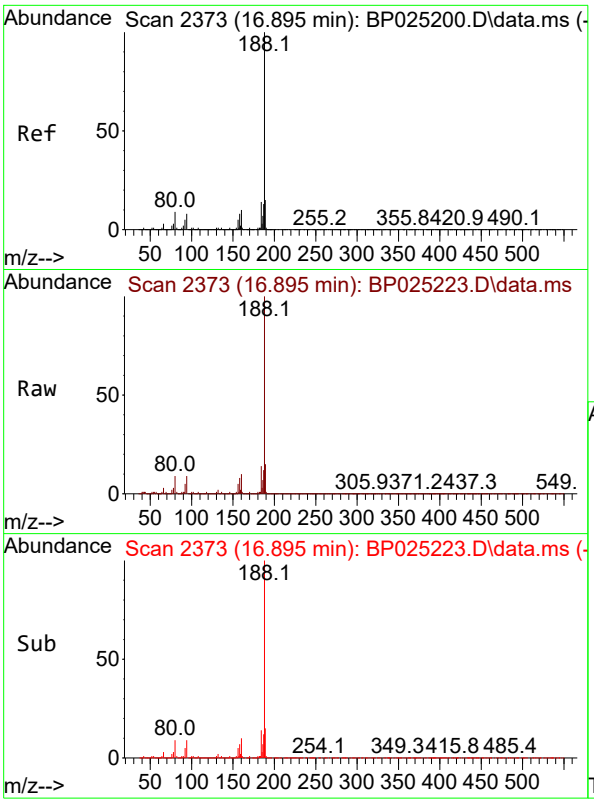


#45
2-Fluorobiphenyl
Concen: 49.003 ng
RT: 12.684 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:172 Resp: 4456076

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.4	19.2	28.8



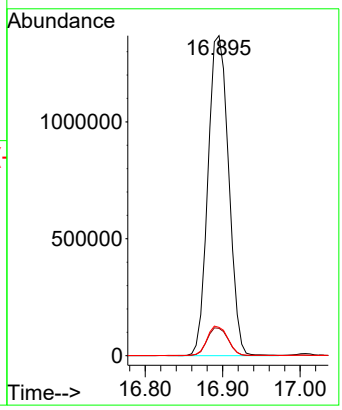


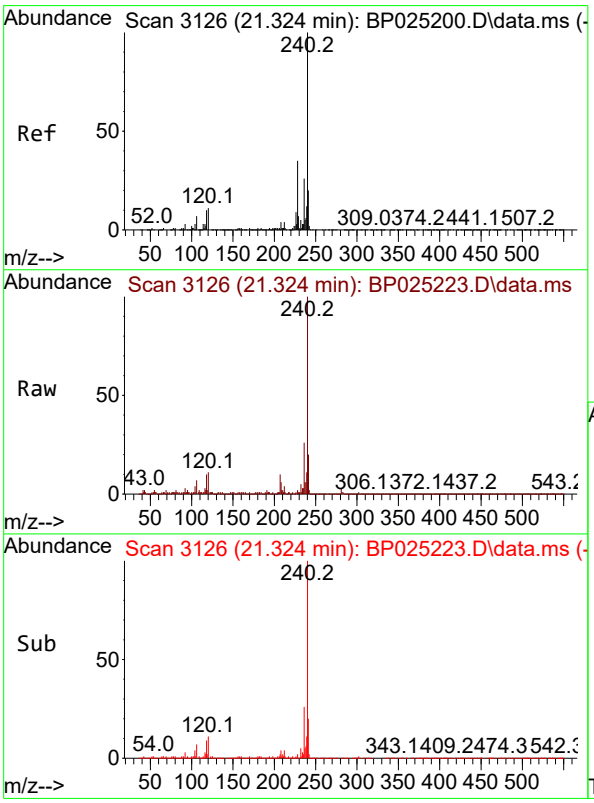
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Tgt Ion:188 Resp: 2536430

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	8.8	7.3	10.9

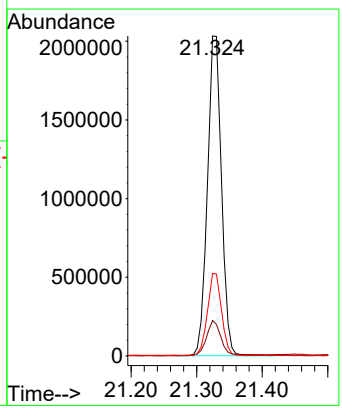


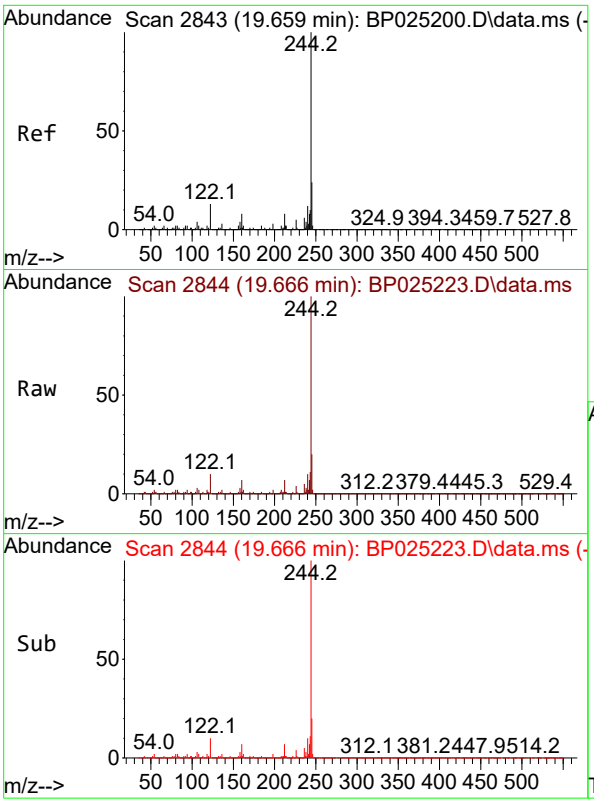


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:240 Resp: 3032391

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.8	13.2
236	25.8	20.9	31.3



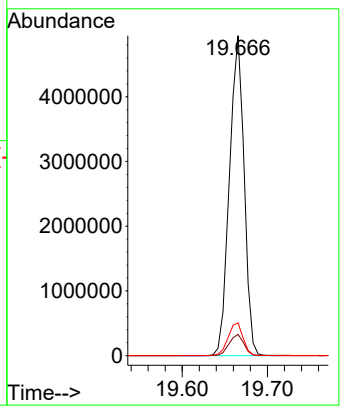


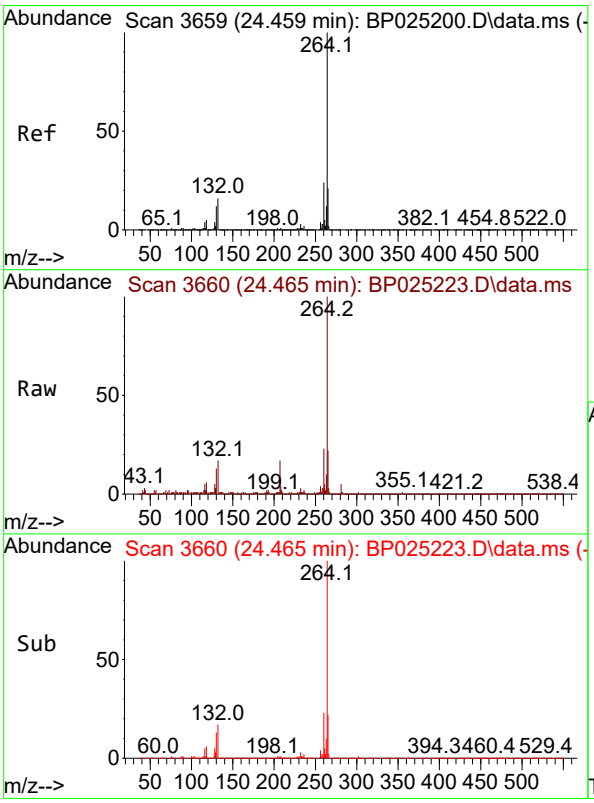
#79
Terphenyl-d14
Concen: 38.694 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Tgt Ion:244 Resp: 5943947

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	9.8
122	10.2	10.3	15.5#

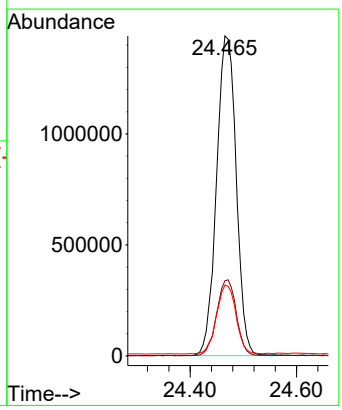




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:264 Resp: 3690514

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.1	17.5	26.3



Sample Results: **BP025223.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025223.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.660	288	293	299	rBV	576626	743237	4.67%	0.512%
2	5.107	362	369	383	rBV	6078699	8541946	53.66%	5.889%
3	6.637	622	629	642	rBV	5491773	8579709	53.89%	5.915%
4	7.437	758	765	774	rVB	2191264	3422610	21.50%	2.359%
5	8.560	949	956	964	rBV	3829845	6020125	37.82%	4.150%
6	10.178	1223	1231	1241	rBV	2522316	4518495	28.38%	3.115%
7	10.319	1246	1255	1265	rVB	428696	745856	4.69%	0.514%
8	12.684	1650	1657	1664	rBV	9007549	12273906	77.10%	8.461%
9	14.083	1888	1895	1905	rBV	3838770	5289978	33.23%	3.647%
10	15.483	2127	2133	2143	rVB	470400	753266	4.73%	0.519%
11	15.613	2148	2155	2163	rBV	6471482	9196921	57.77%	6.340%
12	16.054	2222	2230	2236	rBV	135294	268279	1.69%	0.185%
13	16.113	2236	2240	2246	rBV2	128864	193935	1.22%	0.134%
14	16.330	2273	2277	2283	rVB2	132830	171087	1.07%	0.118%
15	16.842	2360	2364	2367	rBV	269225	371317	2.33%	0.256%
16	16.895	2367	2373	2379	rVB2	3207978	6009518	37.75%	4.143%
17	17.001	2386	2391	2394	rBV2	160129	243172	1.53%	0.168%
18	17.042	2394	2398	2403	rVB	233145	334956	2.10%	0.231%
19	17.583	2486	2490	2492	rBV	117625	173210	1.09%	0.119%
20	17.789	2522	2525	2527	rVV	155557	167314	1.05%	0.115%
21	17.819	2527	2530	2535	rVB2	197195	226884	1.43%	0.156%
22	17.877	2535	2540	2547	rBV	3493609	4603542	28.92%	3.174%
23	18.160	2584	2588	2591	rBV	593610	695835	4.37%	0.480%
24	18.189	2591	2593	2602	rVB5	195331	361109	2.27%	0.249%
25	18.948	2718	2722	2732	rVB	544898	765553	4.81%	0.528%
26	19.042	2734	2738	2743	rBV	255419	545870	3.43%	0.376%
27	19.101	2744	2748	2750	rBV4	238016	399725	2.51%	0.276%
28	19.230	2767	2770	2778	rVB	1087609	1467236	9.22%	1.011%
29	19.666	2838	2844	2851	rBV	13018055	15919709	100.00%	10.974%
30	20.348	2957	2960	2963	rBV	551214	702556	4.41%	0.484%
31	20.513	2985	2988	2993	rBV	804714	1077788	6.77%	0.743%
32	20.954	3058	3063	3072	rBV7	1295951	3274954	20.57%	2.258%
33	21.060	3077	3081	3091	rVB2	1580120	2537581	15.94%	1.749%
34	21.324	3121	3126	3132	rBV	5229299	8694945	54.62%	5.994%
35	21.448	3141	3147	3153	rVB4	1347057	2721194	17.09%	1.876%
36	21.512	3155	3158	3172	rVB4	1604408	4695854	29.50%	3.237%

Sample Results: **BP025223.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.236	3276	3281	3290	rVB2	1567462	2994626	18.81%	2.064%
38	23.754	3533	3539	3552	rVB	2940061	7187728	45.15%	4.955%
39	24.465	3653	3660	3670	rBV	3676557	9424327	59.20%	6.497%
40	25.853	3888	3896	3906	rVB2	3009890	8745419	54.93%	6.029%

Sum of corrected areas: 145061272

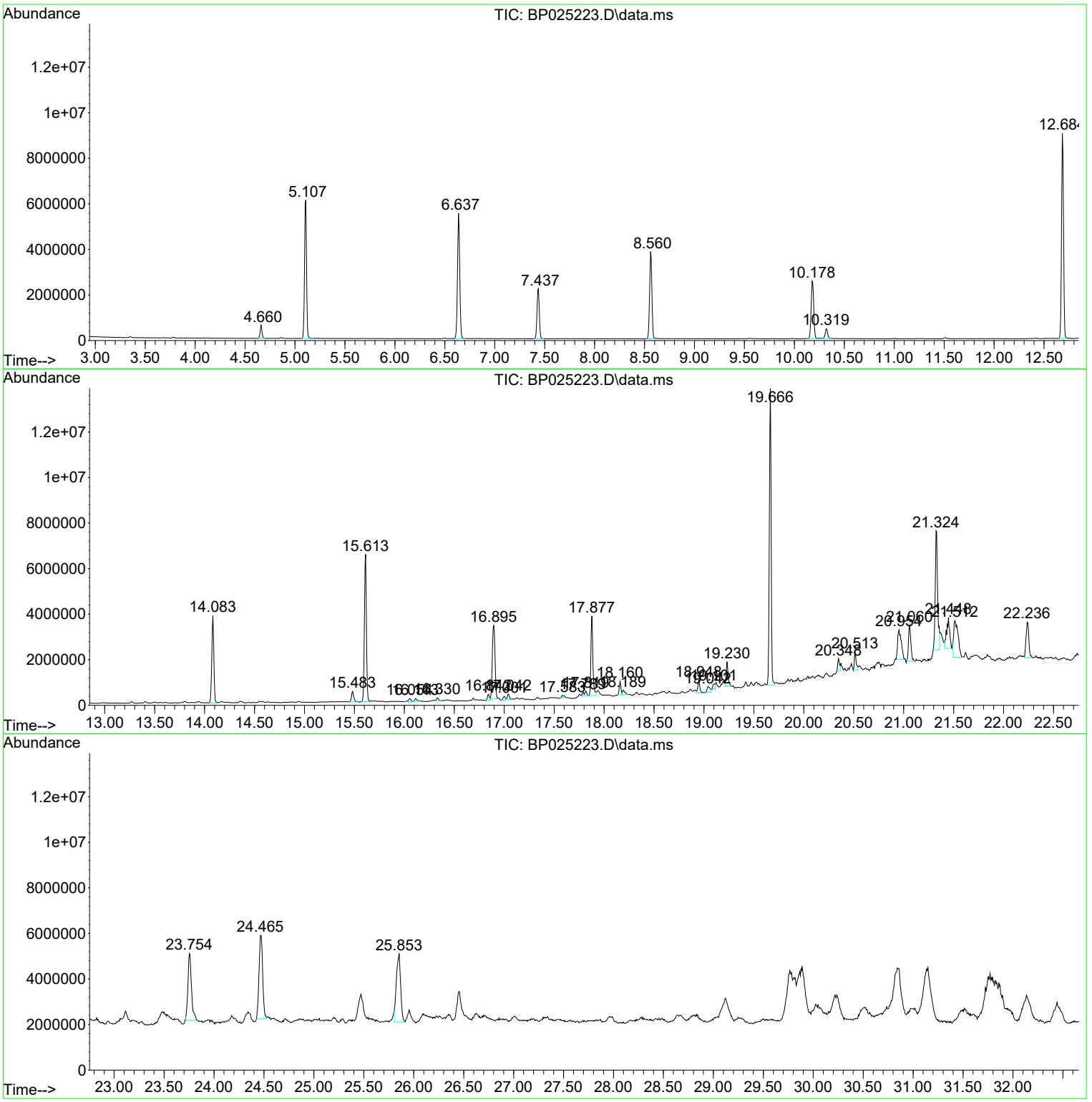
Sample Results: **BP025223.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **BP025223.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Sample Results: **BP025223.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF1431
47.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.584	0.558	0.598	4.09
3)		Pyridine		1.631	1.557	1.551	1.530	1.618	1.525	1.452	1.552	3.88
4)		n-Nitrosodimet...			0.776	0.799	0.810	0.851	0.804	0.768	0.801	3.66
5)	S	2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.194	1.121	1.264	7.00
6)		Aniline		2.334	2.259	2.273	2.204	2.292	2.139	2.018	2.217	4.86
7)	S	Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.506	1.413	1.591	6.72
8)		2-Chlorophenol		1.391	1.343	1.371	1.310	1.369	1.284	1.205	1.325	4.87
9)		Benzaldehyde			1.167	1.163	1.443	1.411	1.122	0.851	1.193	18.13
10)	C	Phenol		1.882	1.767	1.776	1.711	1.788	1.675	1.531	1.733	6.37
11)		bis(2-Chloroet...		1.419	1.343	1.379	1.303	1.361	1.281	1.203	1.327	5.40
12)		1,3-Dichlorobe...		1.572	1.513	1.494	1.401	1.466	1.362	1.266	1.439	7.18
13)	C	1,4-Dichlorobe...		1.602	1.518	1.502	1.418	1.473	1.357	1.275	1.449	7.52
14)		1,2-Dichlorobe...		1.509	1.413	1.445	1.343	1.413	1.303	1.223	1.378	6.96
15)		Benzyl Alcohol			1.214	1.246	1.215	1.278	1.193	1.141	1.215	3.85
16)		2,2'-oxybis(1-...		2.670	2.553	2.545	2.421	2.517	2.343	2.182	2.461	6.55
17)		2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.084	1.026	1.114	4.61
18)		Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.491	0.460	0.502	4.68
19)	P	n-Nitroso-di-n...	1.101	1.111	1.051	1.028	0.986	1.023	0.953	0.912	1.021	6.76
20)		3+4-Methylphenols			1.467	1.469	1.341	1.402	1.268	1.162	1.351	8.95
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.527	0.504	0.501	0.455	0.476	0.442	0.409	0.474	8.65
23)	S	Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.397	0.378	0.401	3.47
24)		Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.373	0.345	0.374	3.88
25)		Isophorone		0.748	0.707	0.711	0.692	0.734	0.699	0.667	0.708	3.75
26)	C	2-Nitrophenol		0.133	0.141	0.164	0.172	0.182	0.177	0.168	0.162	11.25
27)		2,4-Dimethylph...		0.356	0.340	0.341	0.324	0.338	0.319	0.298	0.331	5.70
28)		bis(2-Chloroet...		0.463	0.437	0.442	0.413	0.430	0.405	0.383	0.425	6.28
29)	C	2,4-Dichloroph...		0.292	0.282	0.287	0.276	0.289	0.271	0.256	0.279	4.44
30)		1,2,4-Trichlor...		0.329	0.307	0.318	0.294	0.303	0.290	0.270	0.302	6.43
31)		Naphthalene		1.118	1.038	1.032	0.954	0.986	0.916	0.851	0.985	8.91
32)		Benzoic acid			0.104	0.149	0.180	0.197	0.187	0.194	0.169	21.36
33)		4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.383	0.361	0.402	6.33
34)	C	Hexachlorobuta...		0.193	0.190	0.191	0.181	0.188	0.179	0.169	0.184	4.59
35)		Caprolactam			0.078	0.084	0.087	0.091	0.085	0.082	0.084	5.35
36)	C	4-Chloro-3-met...		0.319	0.310	0.307	0.301	0.311	0.294	0.282	0.303	4.04
37)		2-Methylnaphth...		0.667	0.634	0.628	0.580	0.603	0.561	0.522	0.599	8.17
38)		1-Methylnaphth...		0.682	0.652	0.650	0.599	0.621	0.579	0.537	0.617	8.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93
41)	P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14
42)	S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55
43)	C	2,4,6-Trichlor...	0.391	0.406	0.412	0.384	0.429	0.401	0.374	0.400	4.63
44)		2,4,5-Trichlor...	0.404	0.387	0.411	0.405	0.411	0.395	0.384	0.400	2.76
45)	S	2-Fluorobiphenyl	1.761	1.644	1.547	1.358	1.414	1.323	1.190	1.462	13.58
46)		1,1'-Biphenyl	1.748	1.667	1.640	1.489	1.553	1.472	1.353	1.560	8.62
47)		2-Chloronaphth...	1.268	1.223	1.192	1.103	1.166	1.104	1.026	1.155	7.14
48)		2-Nitroaniline	0.305	0.333	0.372	0.377	0.396	0.386	0.366	0.362	8.85
49)		Acenaphthylene	2.134	2.052	2.011	1.860	1.958	1.834	1.694	1.935	7.71
50)		Dimethylphthalate	1.422	1.340	1.340	1.279	1.325	1.251	1.169	1.304	6.16
51)		2,6-Dinitrotol...	0.225	0.250	0.272	0.278	0.289	0.277	0.266	0.265	8.14
52)	C	Acenaphthene	1.278	1.194	1.184	1.096	1.155	1.083	1.016	1.144	7.53
53)		3-Nitroaniline	0.285	0.300	0.315	0.317	0.334	0.318	0.303	0.310	5.13
54)	P	2,4-Dinitrophenol		0.051	0.081	0.104	0.116	0.118	0.121	0.098	28.02
55)		Dibenzofuran	1.929	1.807	1.766	1.633	1.698	1.587	1.465	1.698	9.02
56)	P	4-Nitrophenol		0.200	0.228	0.246	0.250	0.237	0.229	0.232	7.70
57)		2,4-Dinitrotol...	0.269	0.296	0.342	0.354	0.372	0.354	0.341	0.333	11.03
58)		Fluorene	1.480	1.402	1.322	1.212	1.257	1.161	1.086	1.274	10.79
59)		2,3,4,6-Tetrac...	0.321	0.331	0.345	0.333	0.351	0.329	0.309	0.331	4.30
60)		Diethylphthalate	1.377	1.322	1.335	1.269	1.329	1.231	1.158	1.289	5.81
61)		4-Chlorophenyl...	0.710	0.670	0.657	0.612	0.633	0.601	0.558	0.635	7.86
62)		4-Nitroaniline	0.236	0.255	0.266	0.280	0.289	0.270	0.265	0.266	6.44
63)		Azobenzene	1.452	1.401	1.389	1.320	1.364	1.278	1.196	1.343	6.38
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.087	0.097	0.110	0.109	0.109	0.094	22.88
66)	c	n-Nitrosodiphe...	0.761	0.728	0.721	0.674	0.726	0.685	0.634	0.704	6.03
67)		4-Bromophenyl-...	0.252	0.238	0.241	0.228	0.247	0.239	0.223	0.238	4.26
68)		Hexachlorobenzene	0.269	0.248	0.252	0.239	0.258	0.245	0.233	0.249	4.80
69)		Atrazine	0.184	0.187	0.198	0.196	0.208	0.197	0.189	0.194	4.32
70)	C	Pentachlorophenol		0.119	0.146	0.148	0.160	0.155	0.150	0.147	9.70
71)		Phenanthrene	1.191	1.100	1.117	1.020	1.069	1.002	0.934	1.062	7.98
72)		Anthracene	1.184	1.136	1.134	1.038	1.095	1.038	0.956	1.083	7.13
73)		Carbazole	1.042	0.969	0.982	0.929	0.963	0.899	0.836	0.946	6.93
74)		Di-n-butylphth...	1.076	1.054	1.129	1.074	1.119	1.048	0.990	1.070	4.36
75)	C	Fluoranthene	1.085	0.987	1.018	0.953	0.979	0.928	0.873	0.975	6.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.758	0.844	0.953	0.697	0.601		0.771	17.53
78)		Pyrene	1.909	1.783	1.783	1.715	1.740	1.523	1.494	1.707	8.72
79)	S	Terphenyl-d14	1.567	1.456	1.419	1.311	1.342	1.191	1.122	1.344	11.43
80)		Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61
81)		Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86
82)		3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58
83)		Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29
84)		Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03
85)	c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.424	1.336	1.430	1.413	1.505	1.411	1.352	1.410	3.92
88)		Benzo(b)fluora...	1.231	1.136	1.287	1.147	1.352	1.188	1.212	1.222	6.30
89)		Benzo(k)fluora...	1.168	1.152	1.093	1.134	1.069	1.080	0.937	1.090	7.10
90)	C	Benzo(a)pyrene	1.129	1.102	1.147	1.121	1.192	1.121	1.070	1.126	3.35
91)		Dibenzo(a,h)an...	1.159	1.103	1.179	1.147	1.221	1.140	1.087	1.148	3.92
92)		Benzo(g,h,i)pe...	1.100	1.047	1.140	1.109	1.196	1.113	1.067	1.110	4.37

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139766	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	547280	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293149	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	492765	20.000	ng	0.00
76) Chrysene-d12	14.116	240	283469	20.000	ng	0.00
86) Perylene-d12	15.621	264	284847	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...	7.357	70	19227	2.696	ng	96

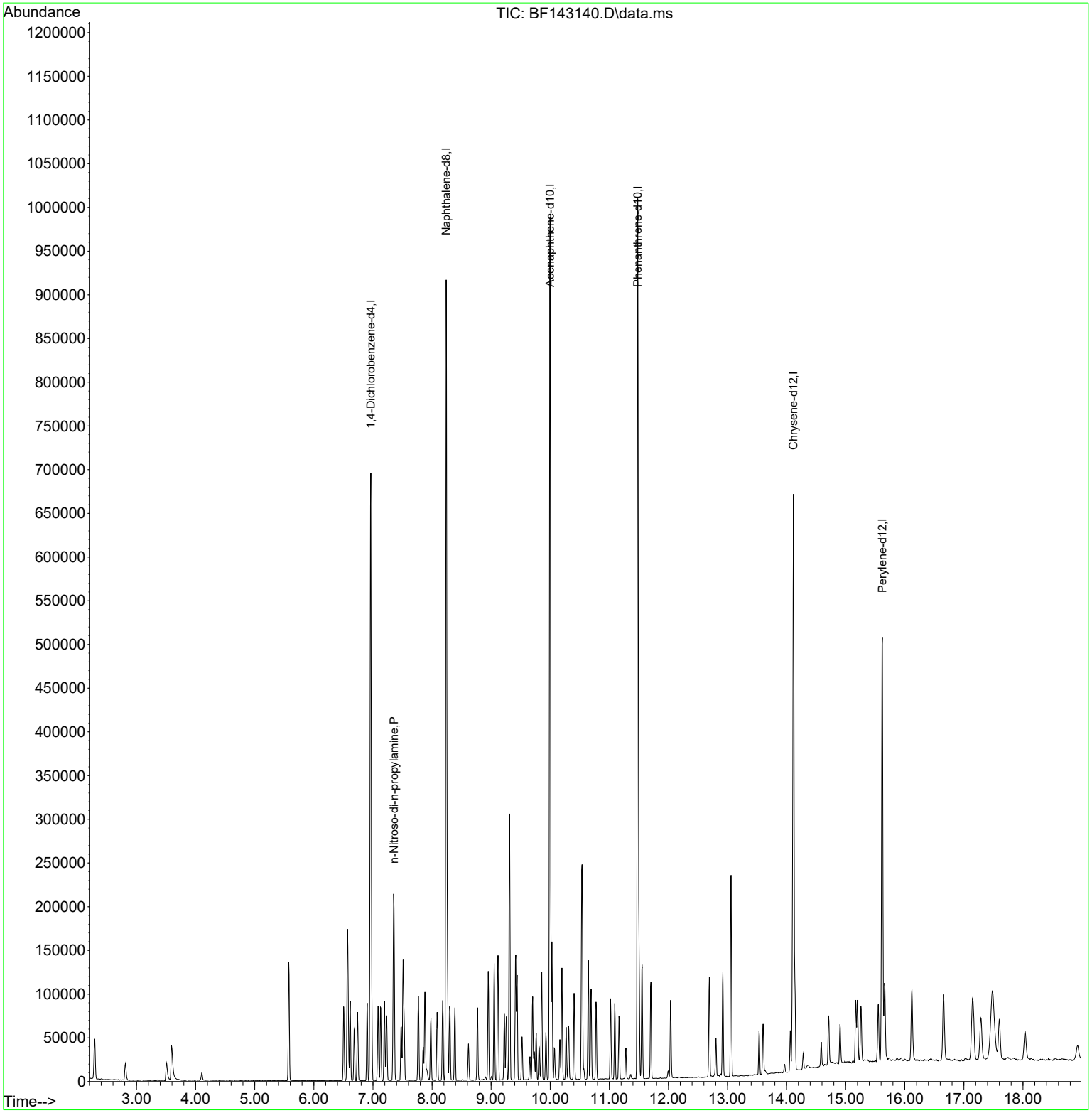
(#) = qualifier out of range (m) = manual integration (+) = signals summed

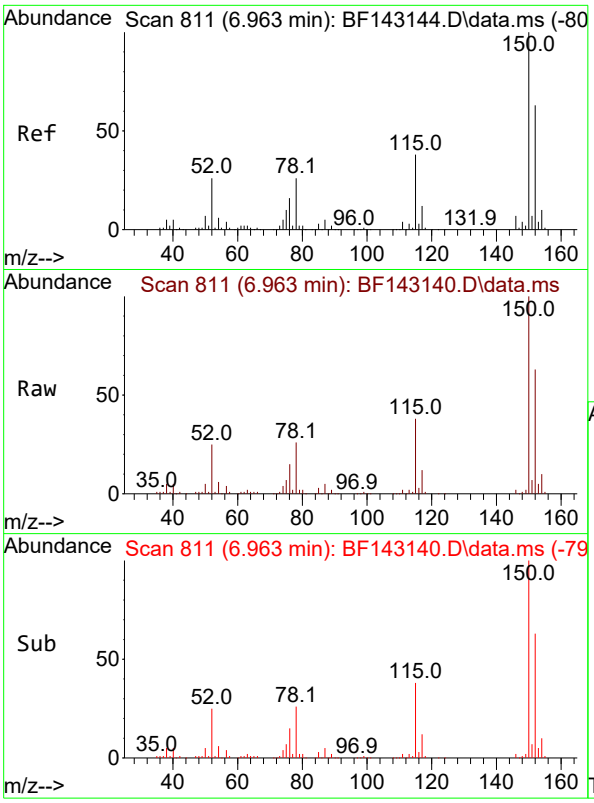
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



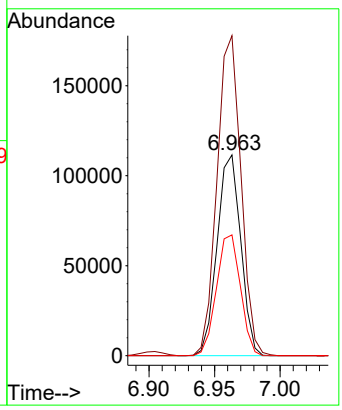


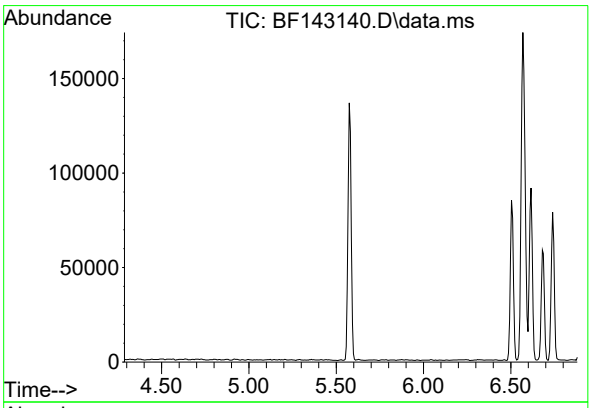
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 139766

Ion	Ratio	Lower	Upper
152	100		
150	159.4	128.2	192.4
115	60.2	47.9	71.9



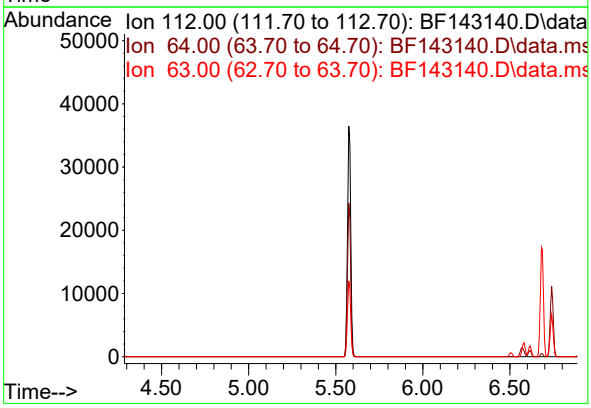


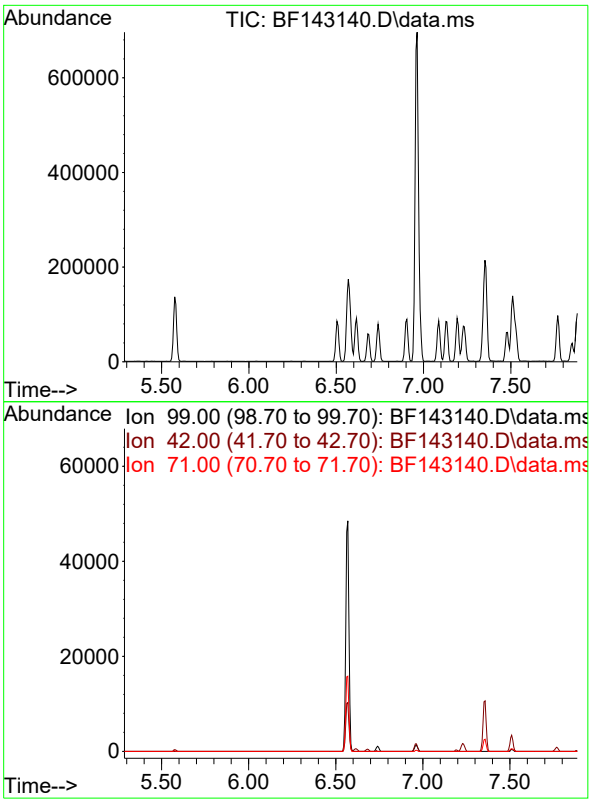
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	66.4
63	33.3





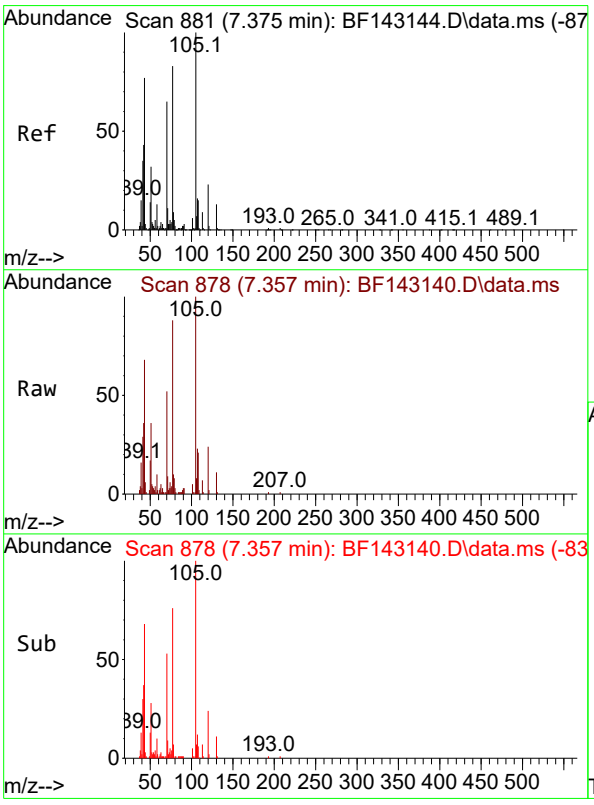
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.59 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

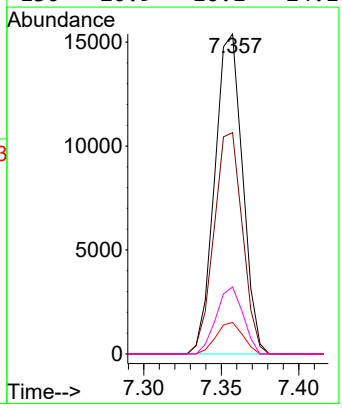
Sig	Exp Ratio
99	100
42	21.3
71	34.6

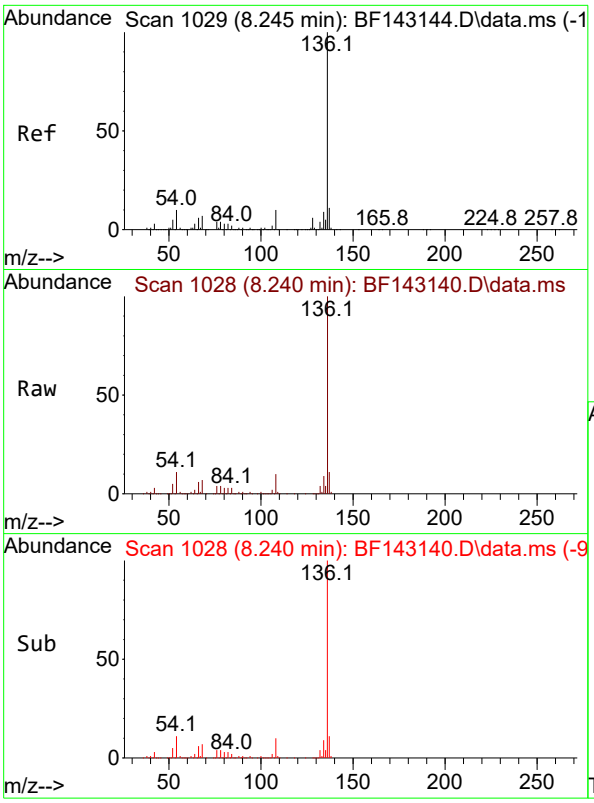


#19
n-Nitroso-di-n-propylamine
Concen: 2.696 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.017 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 70 Resp: 19227

Ion	Ratio	Lower	Upper
70	100		
42	69.2	52.5	78.7
101	9.9	7.6	11.4
130	20.9	16.1	24.1



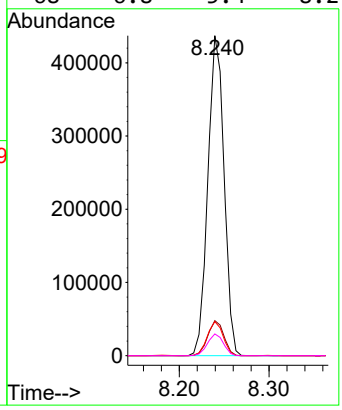


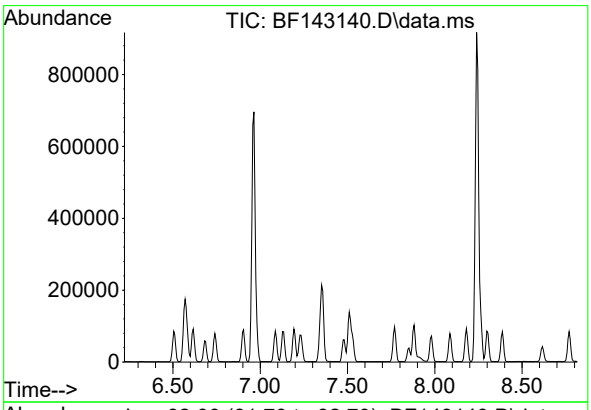
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 547280

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	8.2	12.2
68	6.8	5.4	8.2



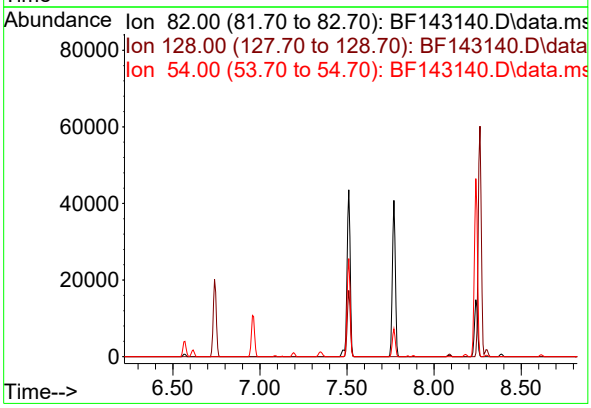


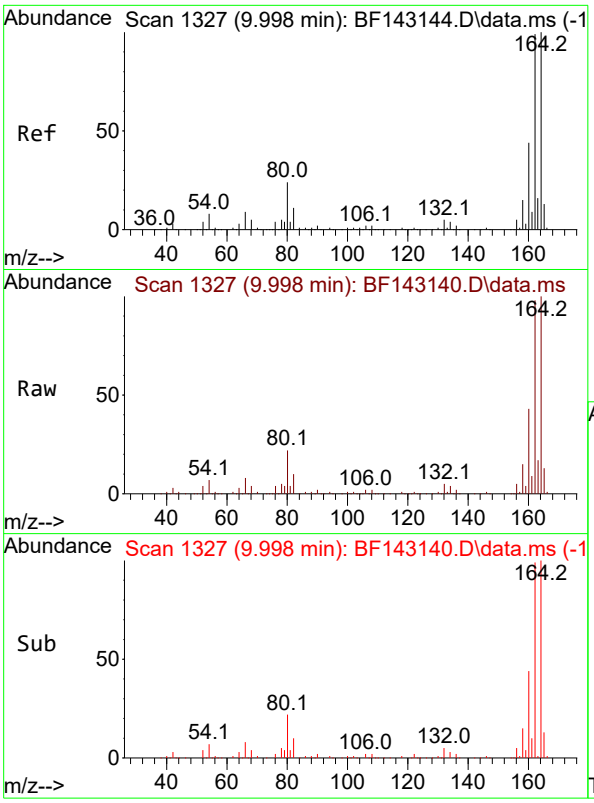
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.52 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	42.0
54	58.9



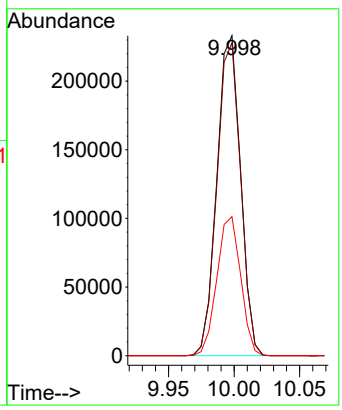


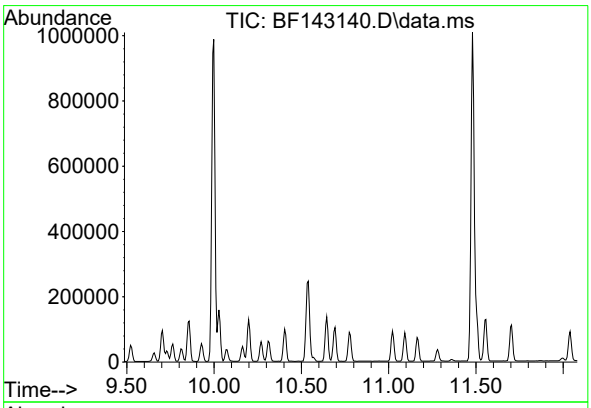
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 293149

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.6
160	43.5	35.1	52.7



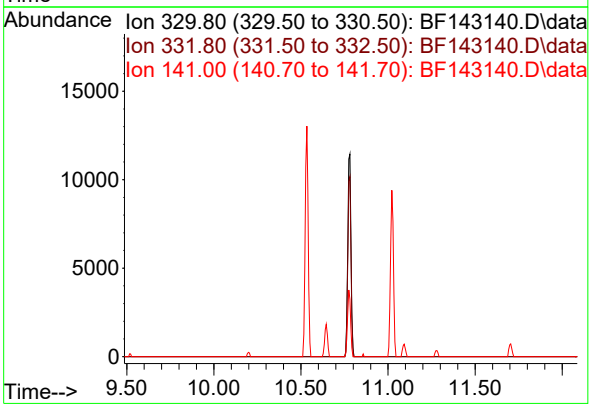


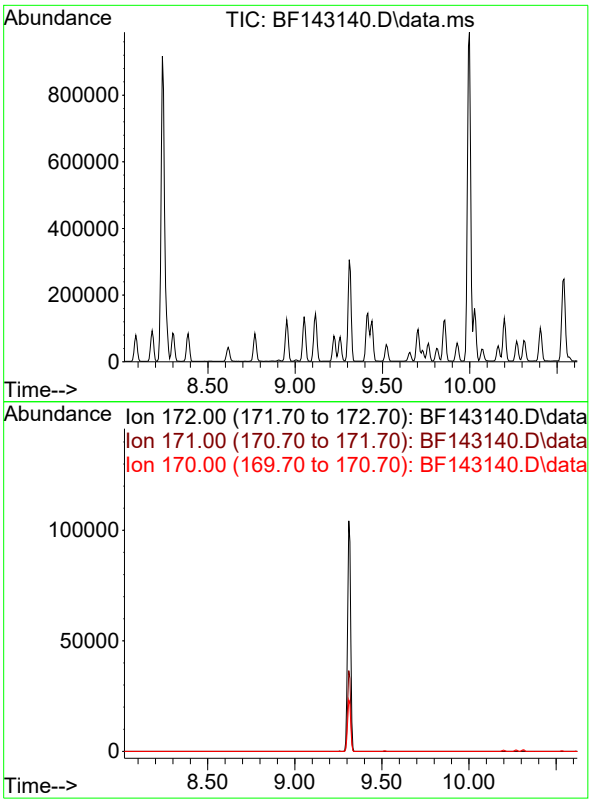
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.79 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.9
141	29.1





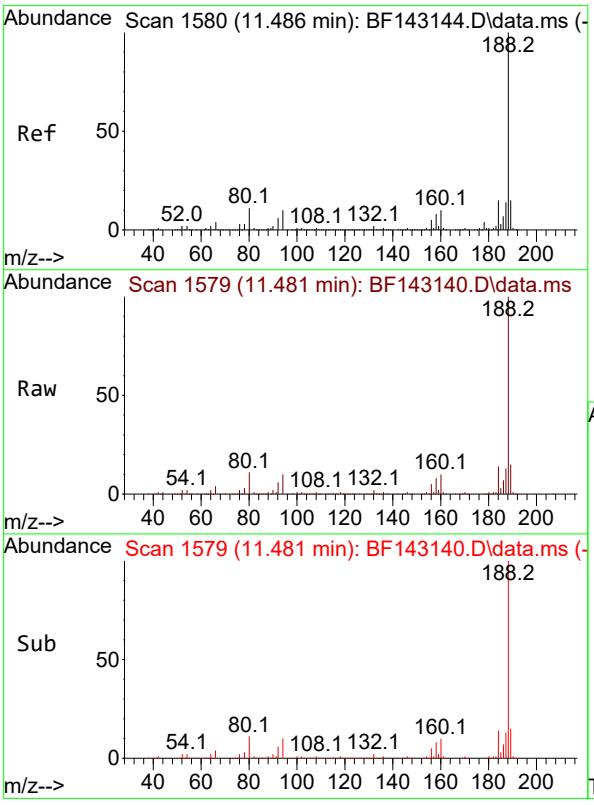
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.32 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

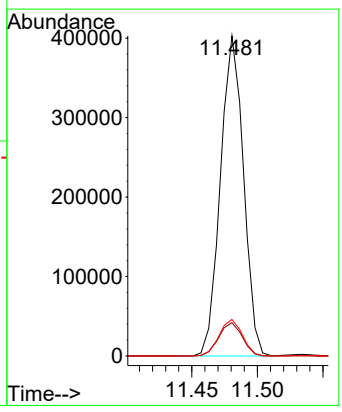
Sig	Exp Ratio
172	100
171	35.7
170	23.5

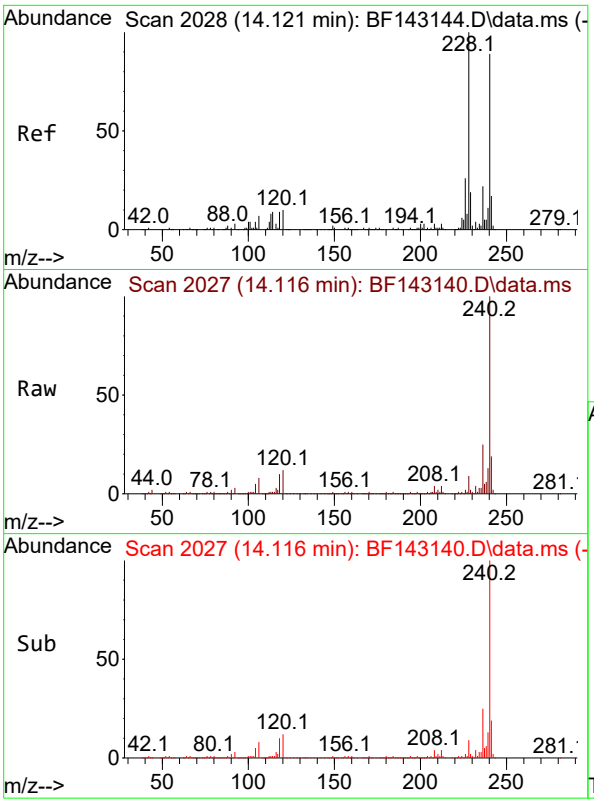


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion:188 Resp: 492765

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.4	9.0	13.6



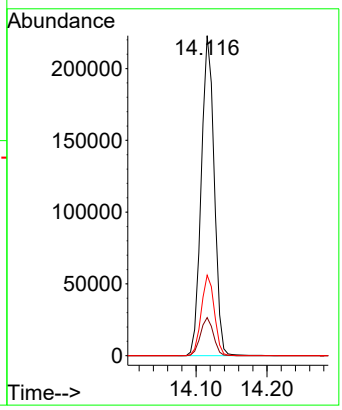


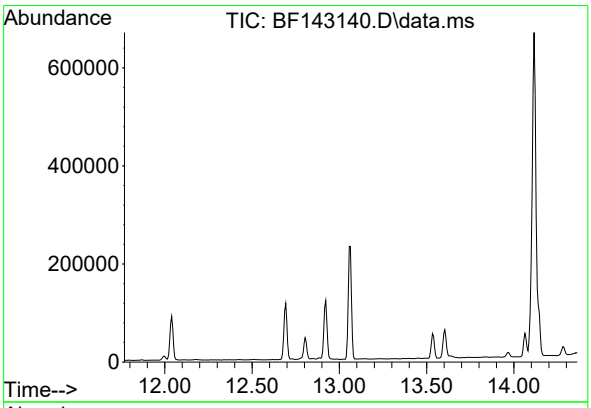
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 283469

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.1	20.2	30.4



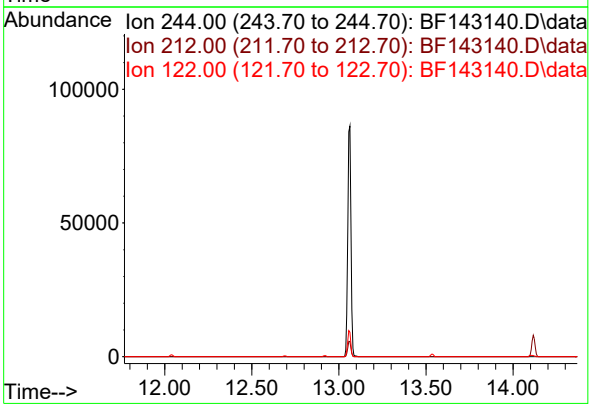


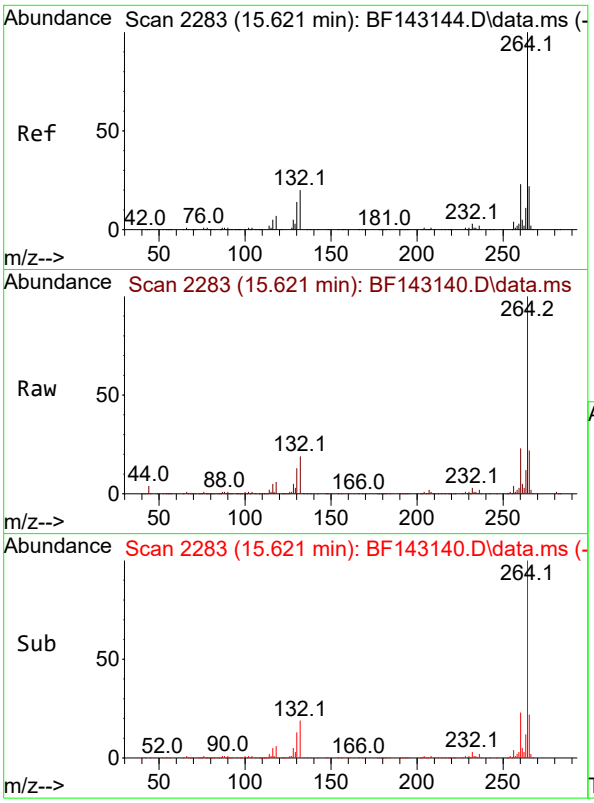
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.5
122	10.2



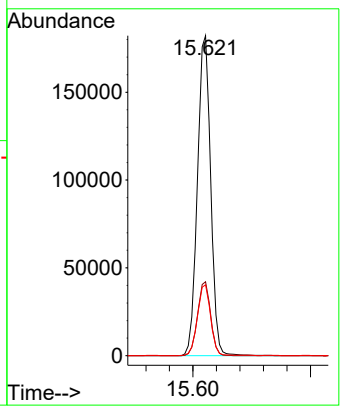


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 284847

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.1	17.4	26.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129942	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	504796	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	263409	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	432329	20.000	ng		0.00
76) Chrysene-d12	14.116	240	253004	20.000	ng		0.00
86) Perylene-d12	15.615	264	255898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	89958	10.955	ng		0.00
7) Phenol-d6	6.569	99	112575	10.892	ng		-0.02
23) Nitrobenzene-d5	7.510	82	102749m	10.146	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	26288	9.661	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	231962	12.043	ng		-0.01
79) Terphenyl-d14	13.063	244	198167	11.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	20208	5.201	ng		97
3) Pyridine	3.587	79	52981	5.254	ng		99
6) Aniline	6.616	93	75811	5.263	ng		99
8) 2-Chlorophenol	6.740	128	45203	5.252	ng		98
10) Phenol	6.581	94	61148	5.431	ng		99
11) bis(2-Chloroethyl)ether	6.687	93	46083	5.345	ng		98
12) 1,3-Dichlorobenzene	6.904	146	51056	5.460	ng		98
13) 1,4-Dichlorobenzene	6.981	146	52031	5.526	ng		100
14) 1,2-Dichlorobenzene	7.134	146	49028	5.474	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86727	5.423	ng		100
17) 2-Methylphenol	7.192	107	38278	5.289	ng		97
18) Hexachloroethane	7.481	117	16944	5.198	ng		97
19) n-Nitroso-di-n-propyla...	7.357	70	36103	5.445	ng		98
22) Acetophenone	7.357	105	66559	5.569	ng	#	98
24) Nitrobenzene	7.528	77	47902	5.074	ng		96
25) Isophorone	7.769	82	94372	5.279	ng		99
26) 2-Nitrophenol	7.851	139	16827	4.107	ng		98
27) 2,4-Dimethylphenol	7.881	122	44954	5.382	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	58465	5.455	ng		99
29) 2,4-Dichlorophenol	8.087	162	36884	5.236	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	41552	5.460	ng		99
31) Naphthalene	8.263	128	141099	5.676	ng		99
33) 4-Chloroaniline	8.304	127	55130	5.431	ng		98
34) Hexachlorobutadiene	8.386	225	24322	5.232	ng		100
36) 4-Chloro-3-methylphenol	8.769	107	40203	5.251	ng		98
37) 2-Methylnaphthalene	8.951	142	84234	5.568	ng		98
38) 1-Methylnaphthalene	9.051	142	86130	5.529	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	41999	5.523	ng		100
43) 2,4,6-Trichlorophenol	9.222	196	25730	4.889	ng		100
44) 2,4,5-Trichlorophenol	9.257	196	26626	5.057	ng		98
46) 1,1'-Biphenyl	9.416	154	115130	5.602	ng		100
47) 2-Chloronaphthalene	9.439	162	83495	5.491	ng		98
48) 2-Nitroaniline	9.522	65	20076	4.210	ng		95
49) Acenaphthylene	9.857	152	140525	5.514	ng		98
50) Dimethylphthalate	9.704	163	93611	5.452	ng		99
51) 2,6-Dinitrotoluene	9.763	165	14787	4.234	ng		90

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	10.028	154	84160	5.588	ng		99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng		94
55) Dibenzofuran	10.198	168	127035	5.681	ng		97
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng		92
58) Fluorene	10.539	166	97477	5.808	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	21108	4.840	ng	#	97
60) Diethylphthalate	10.404	149	90651	5.342	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	46747	5.594	ng		98
62) 4-Nitroaniline	10.533	138	15568	4.446	ng		96
63) Azobenzene	10.692	77	95602	5.405	ng		99
66) n-Nitrosodiphenylamine	10.645	169	82281	5.405	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	27259	5.291	ng		97
68) Hexachlorobenzene	11.092	284	29052	5.395	ng		98
69) Atrazine	11.169	200	19865	4.733	ng		99
71) Phenanthrene	11.504	178	128762	5.609	ng		100
72) Anthracene	11.557	178	127938	5.465	ng		98
73) Carbazole	11.704	167	112588	5.507	ng		99
74) Di-n-butylphthalate	12.039	149	116291	5.027	ng		99
75) Fluoranthene	12.692	202	117249	5.565	ng		99
78) Pyrene	12.922	202	120767	5.593	ng		98
80) Butylbenzylphthalate	13.533	149	27699	4.189	ng		97
81) Benzo(a)anthracene	14.104	228	86920	5.131	ng		98
83) Chrysene	14.139	228	81091	5.325	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43732	4.370	ng		99
87) Indeno(1,2,3-cd)pyrene	17.139	276	91076	5.047	ng		100
88) Benzo(b)fluoranthene	15.174	252	78749	5.037	ng		99
89) Benzo(k)fluoranthene	15.204	252	74738	5.358	ng		98
90) Benzo(a)pyrene	15.551	252	72196	5.012	ng		98
91) Dibenzo(a,h)anthracene	17.162	278	74120	5.047	ng		100
92) Benzo(g,h,i)perylene	17.604	276	70403	4.955	ng		99

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

ICAL Form

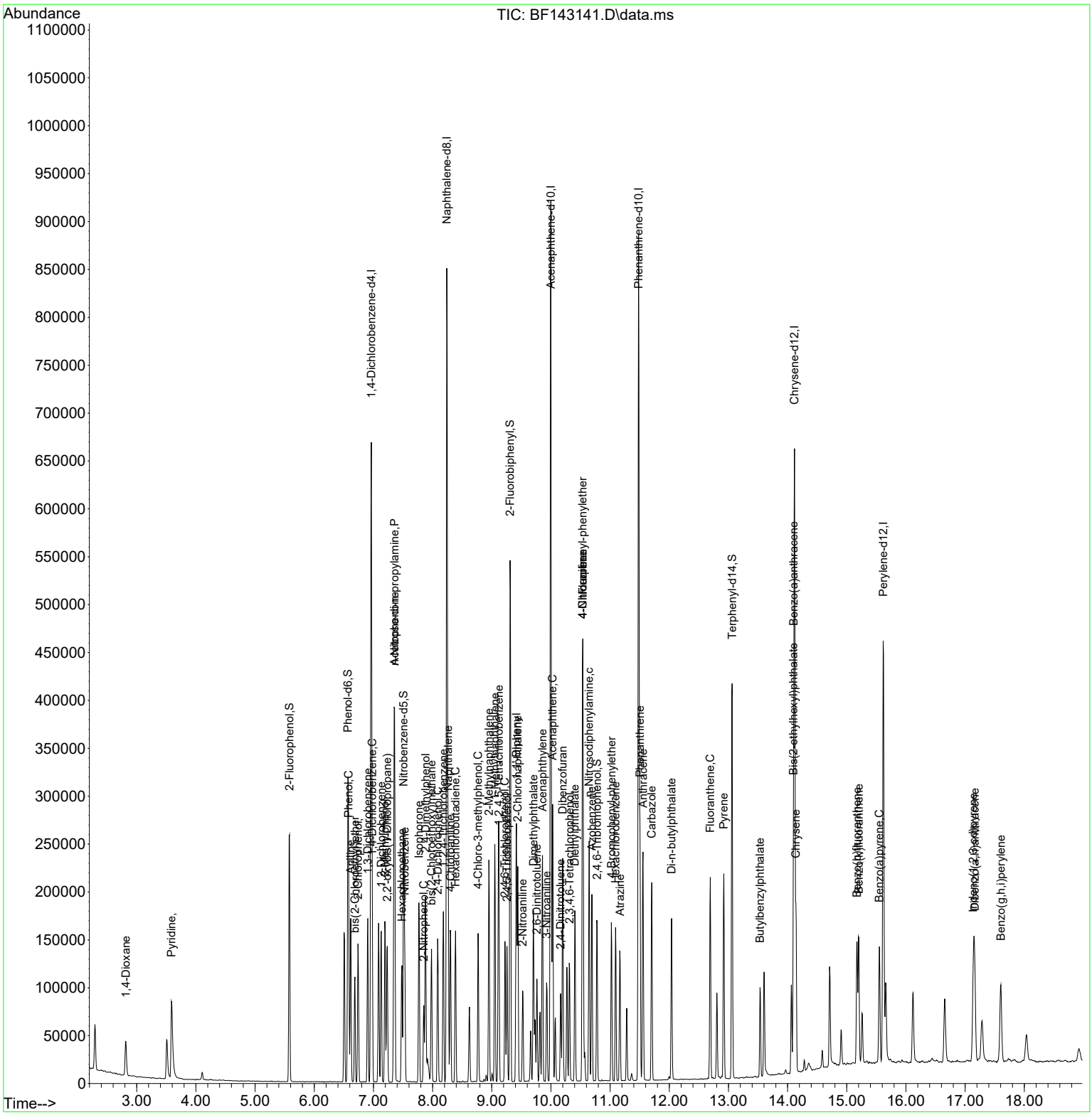
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

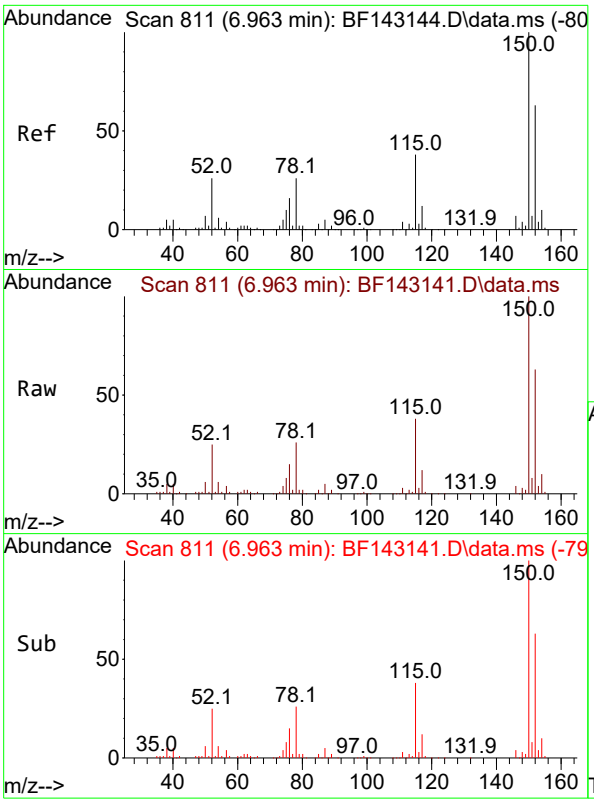
Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

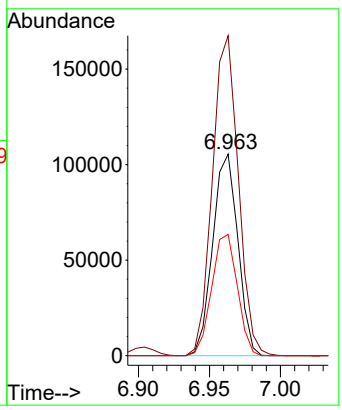




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:152 Resp: 12994

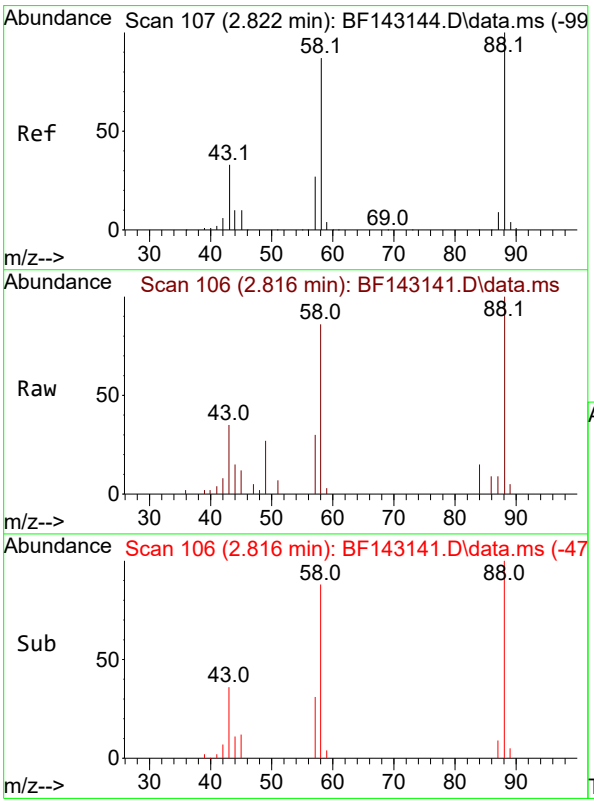
Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.2	192.4
115	60.2	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

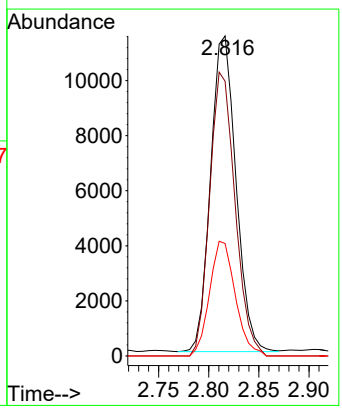
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

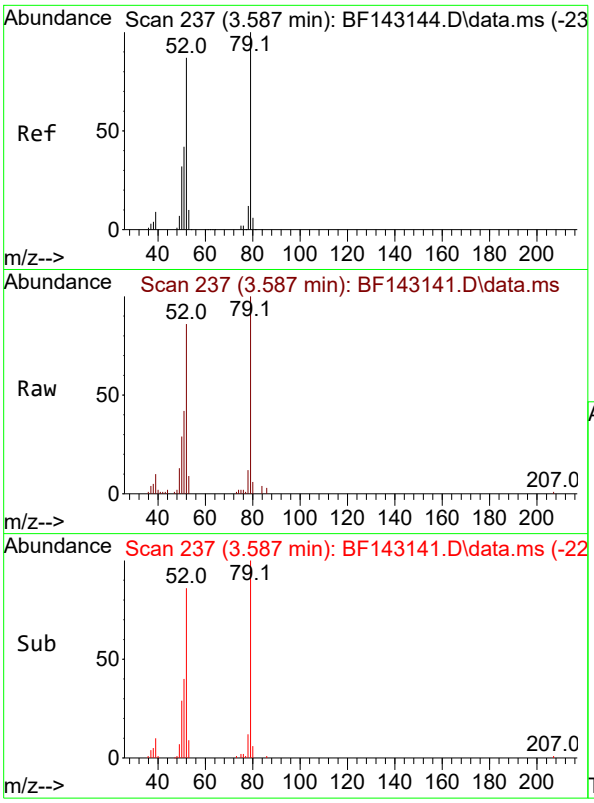


#2
1,4-Dioxane
Concen: 5.201 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 88 Resp: 20208

Ion	Ratio	Lower	Upper
88	100		
58	89.6	70.2	105.2
43	36.7	27.1	40.7

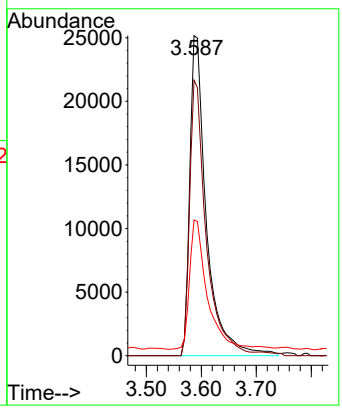




#3
Pyridine
Concen: 5.254 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 79 Resp: 5298

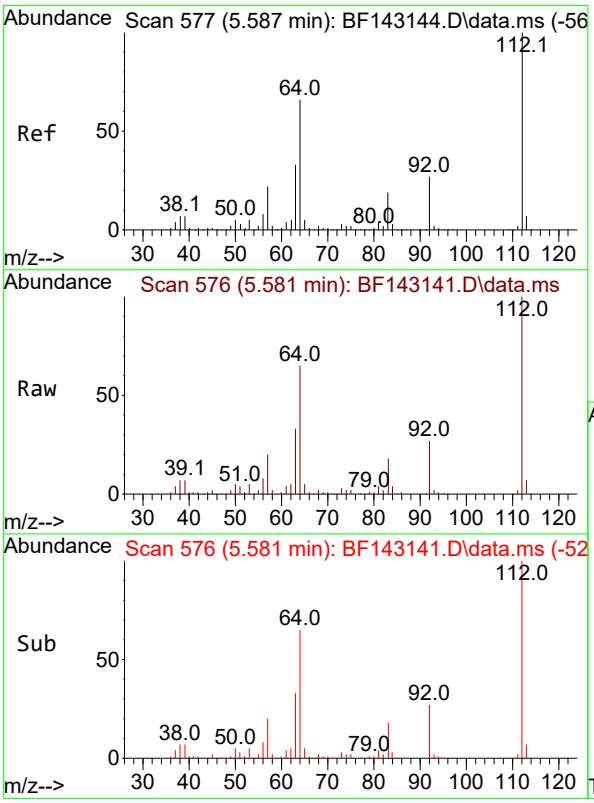
Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.4	104.2
51	42.4	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

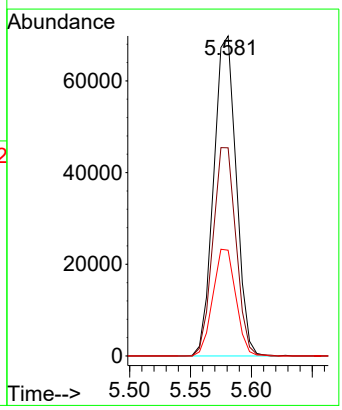
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

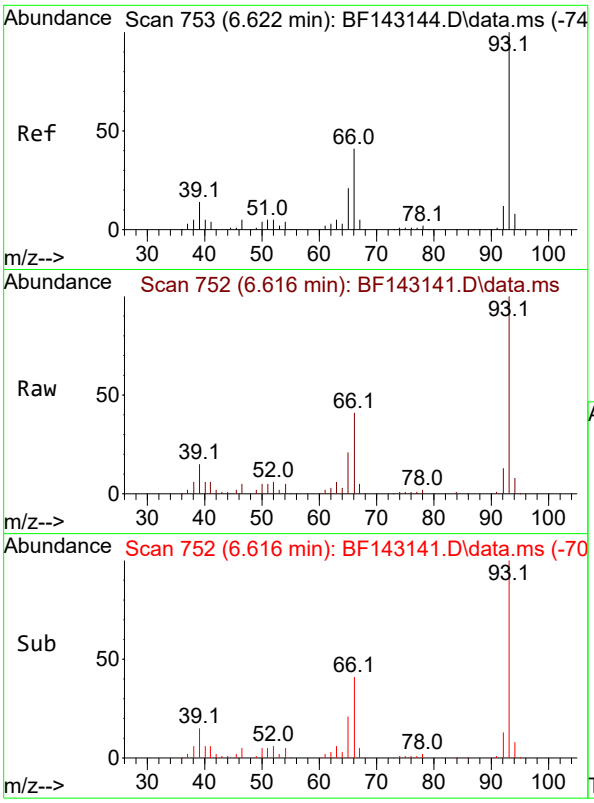


#5
2-Fluorophenol
Concen: 10.955 ng
RT: 5.581 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:112 Resp: 89958

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	33.1	26.6	40.0

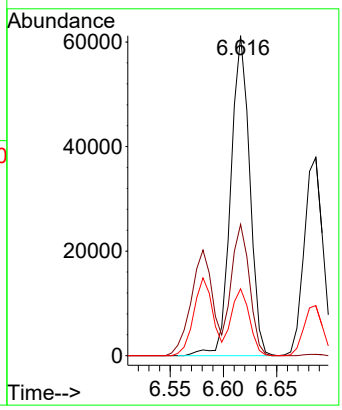




#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 7581

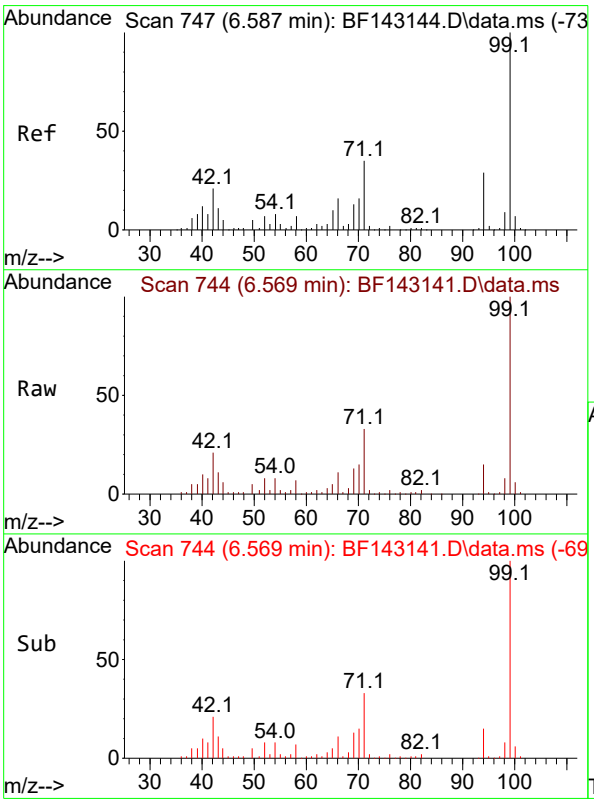
Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.9	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

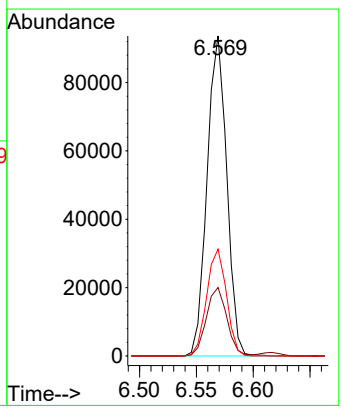
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

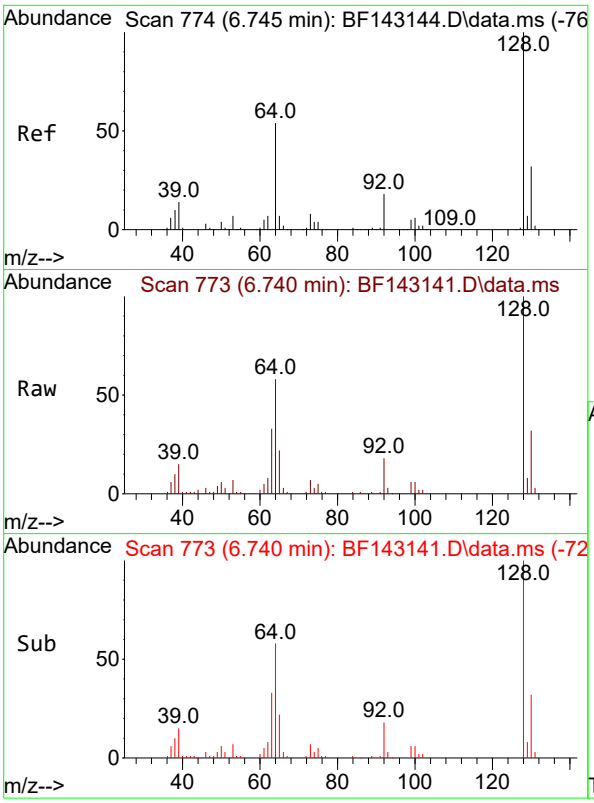


#7
Phenol-d6
Concen: 10.892 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 99 Resp: 112575

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.4	27.7	41.5

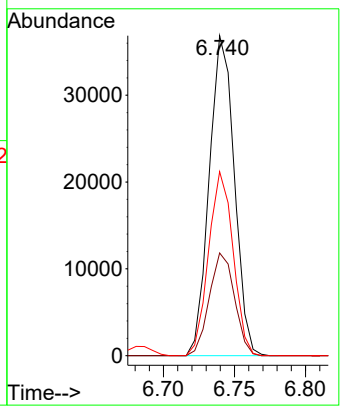




#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 4520

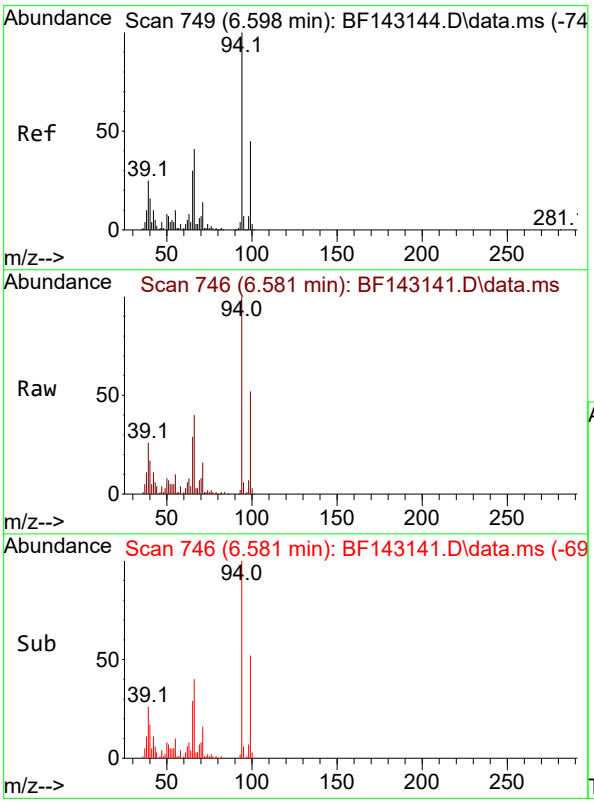
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	57.5	35.9	75.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

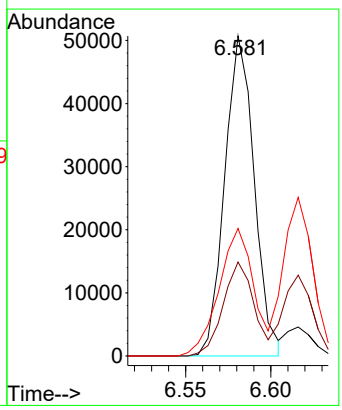
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

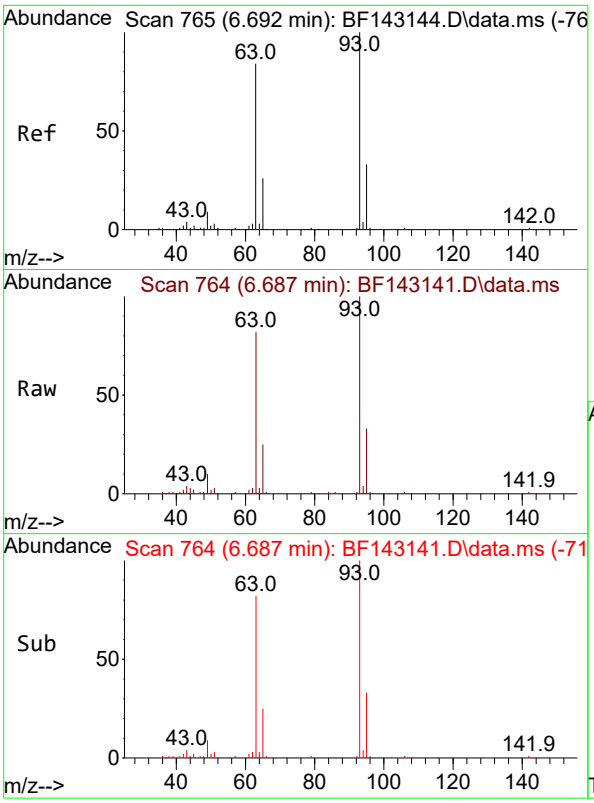


#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 94 Resp: 61148

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	39.8	20.8	60.8

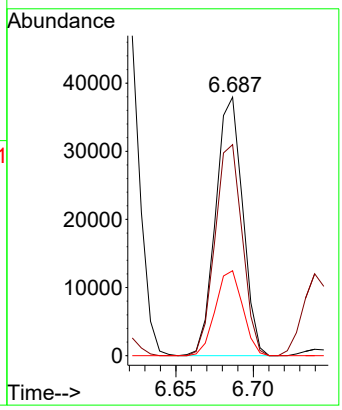




#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 4608

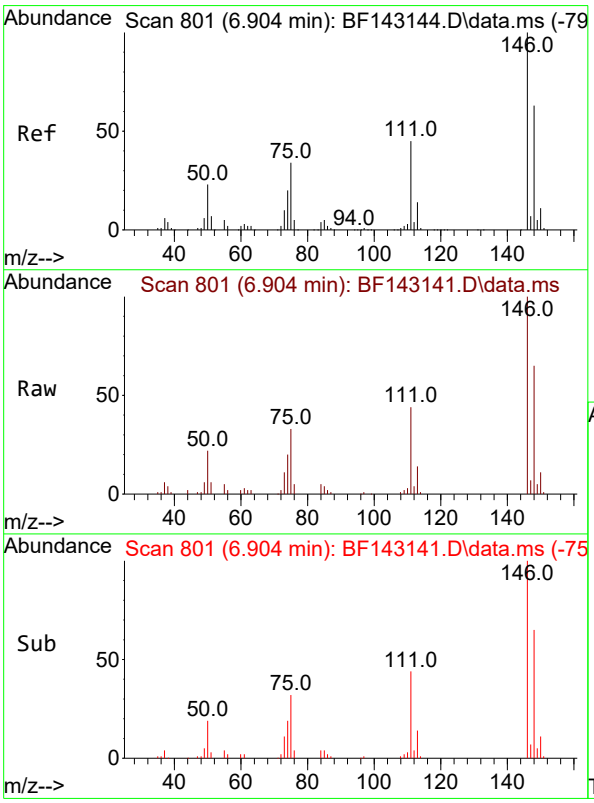
Ion	Ratio	Lower	Upper
93	100		
63	81.6	63.4	103.4
95	32.9	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

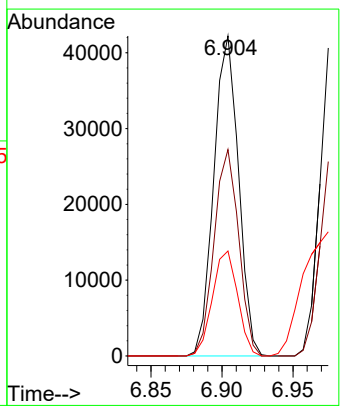
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

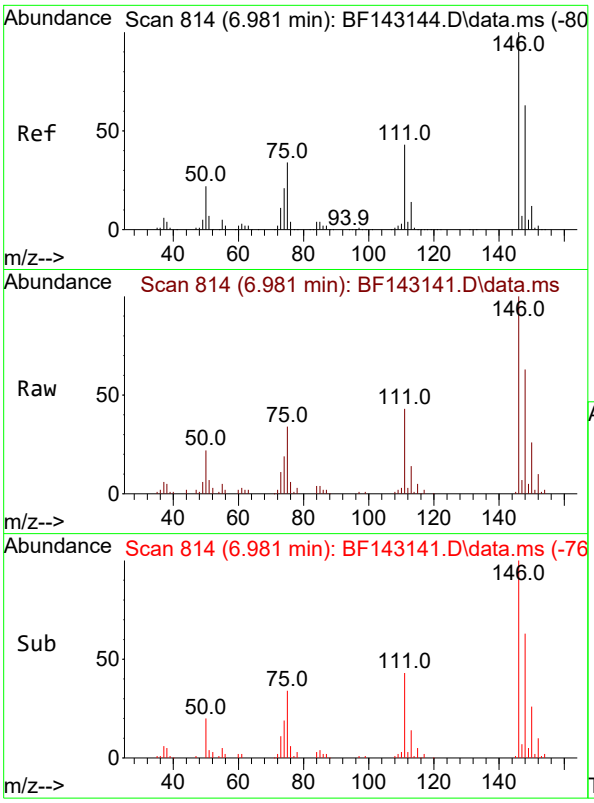


#12
1,3-Dichlorobenzene
Concen: 5.460 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 51056

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.8	27.4	41.2

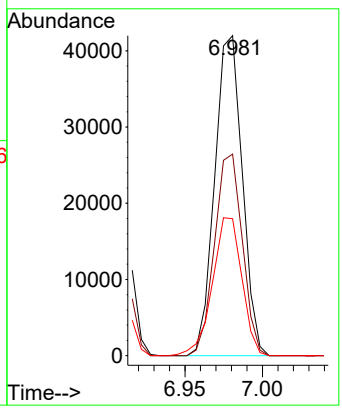




#13
1,4-Dichlorobenzene
Concen: 5.526 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 5203

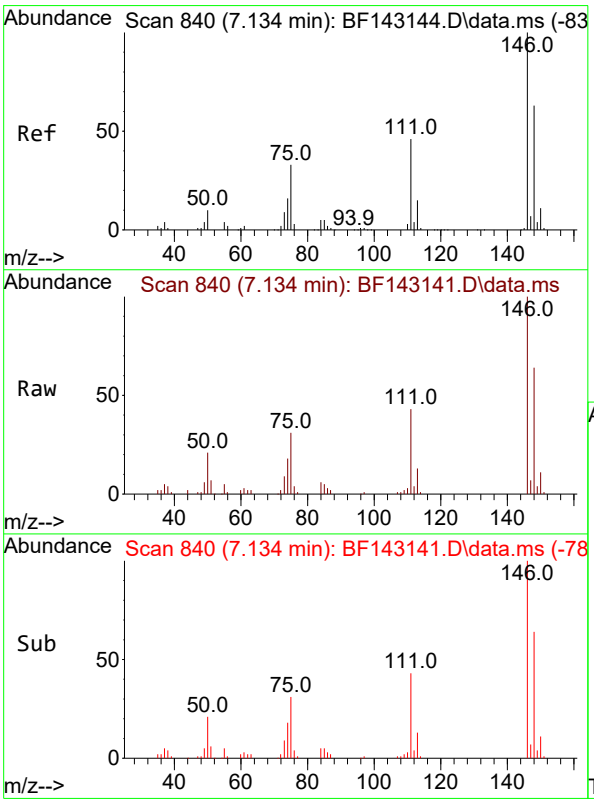
Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	42.8	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

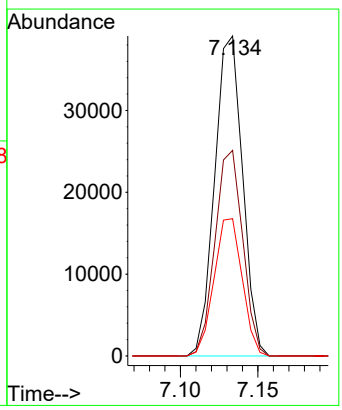
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

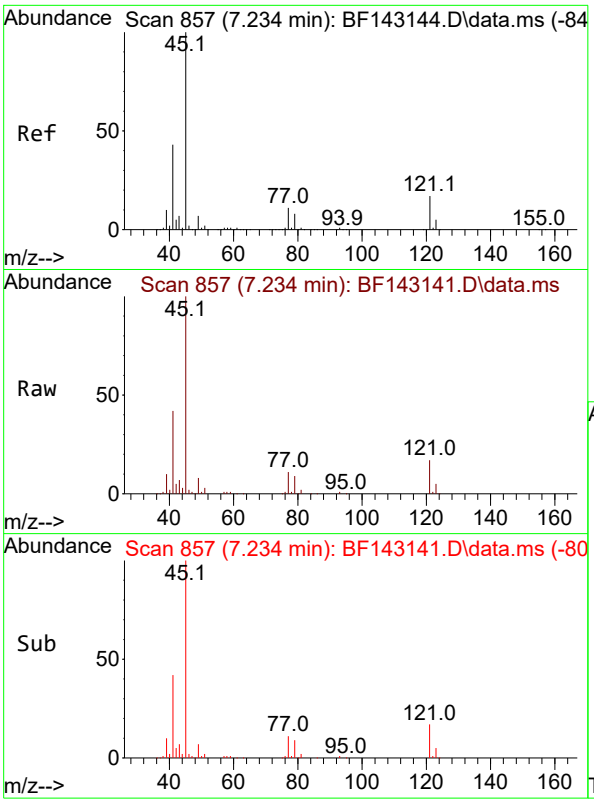


#14
1,2-Dichlorobenzene
Concen: 5.474 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 49028

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	42.9	36.6	54.8

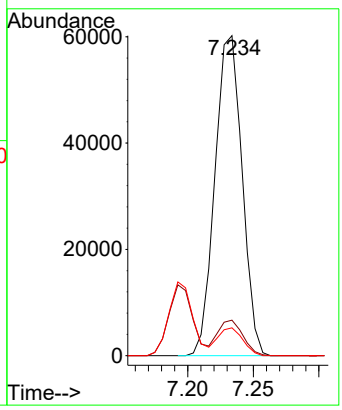




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 45 Resp: 8672

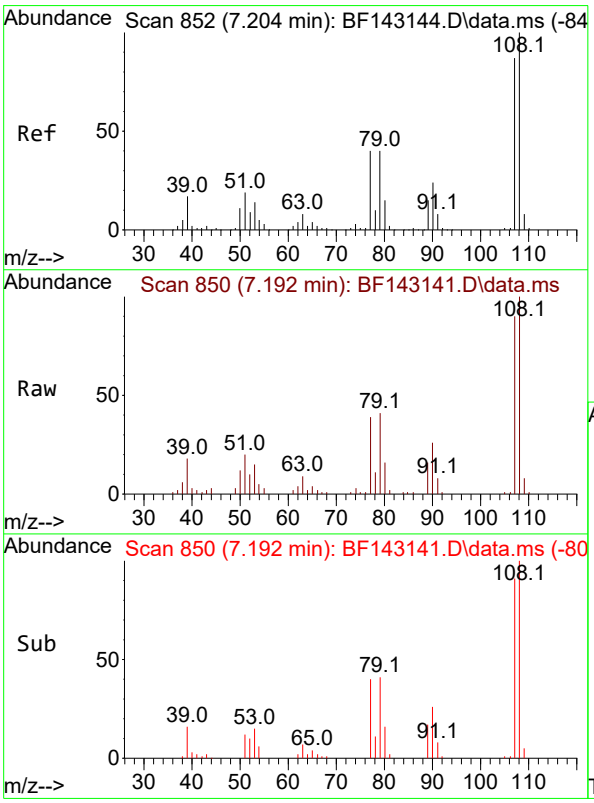
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.7	0.0	28.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

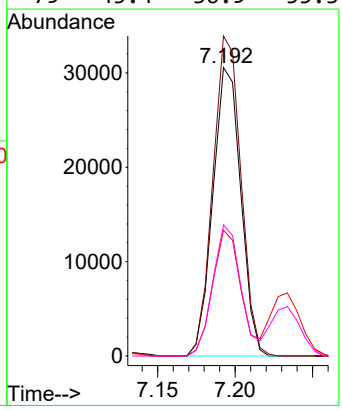
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

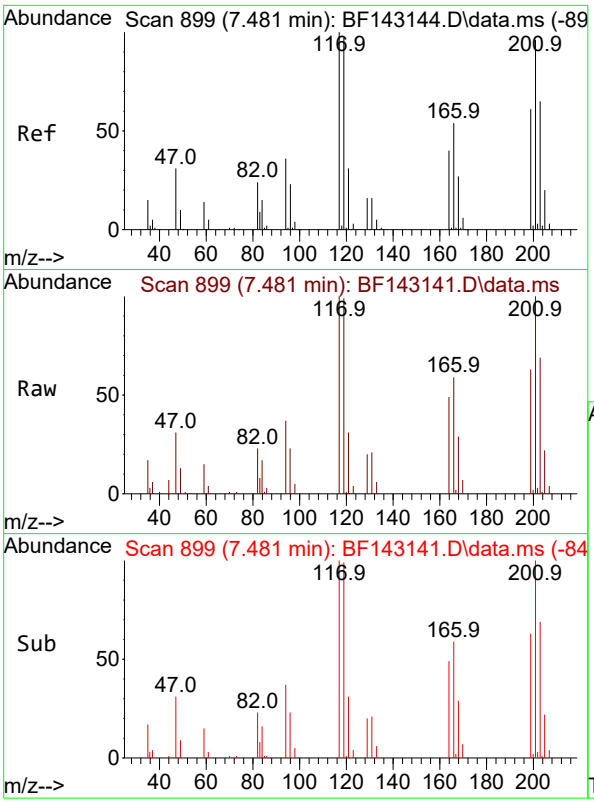


#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 38278

Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.8	137.6
77	43.6	37.0	55.6
79	45.4	36.9	55.3

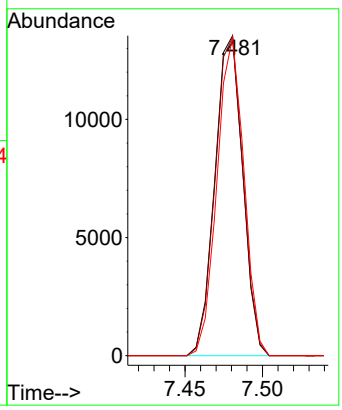




#18
Hexachloroethane
Concen: 5.198 ng
RT: 7.481 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:117 Resp: 1694

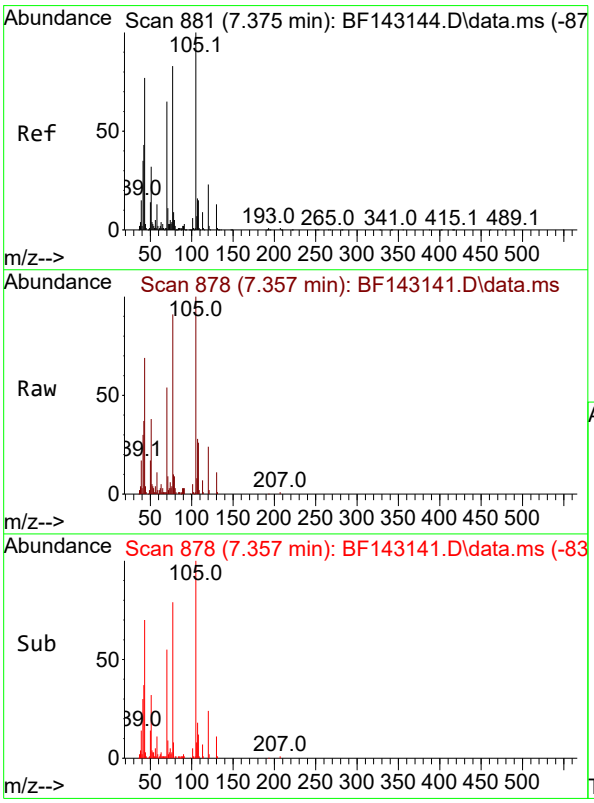
Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.8	116.8
201	99.6	77.0	115.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

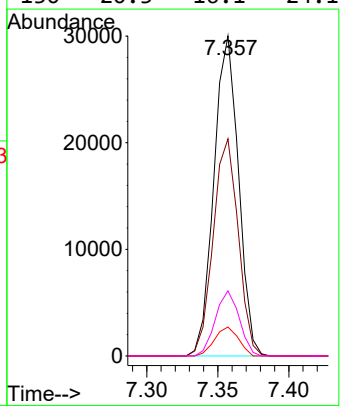
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

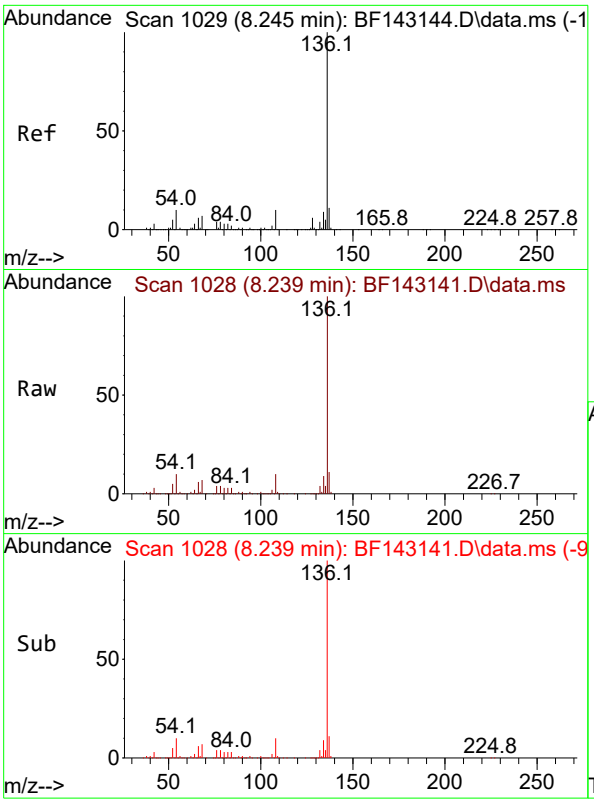


#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 70 Resp: 36103

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.0	7.6	11.4
130	20.3	16.1	24.1

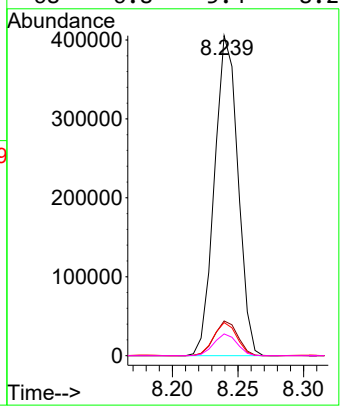




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:136 Resp: 50479

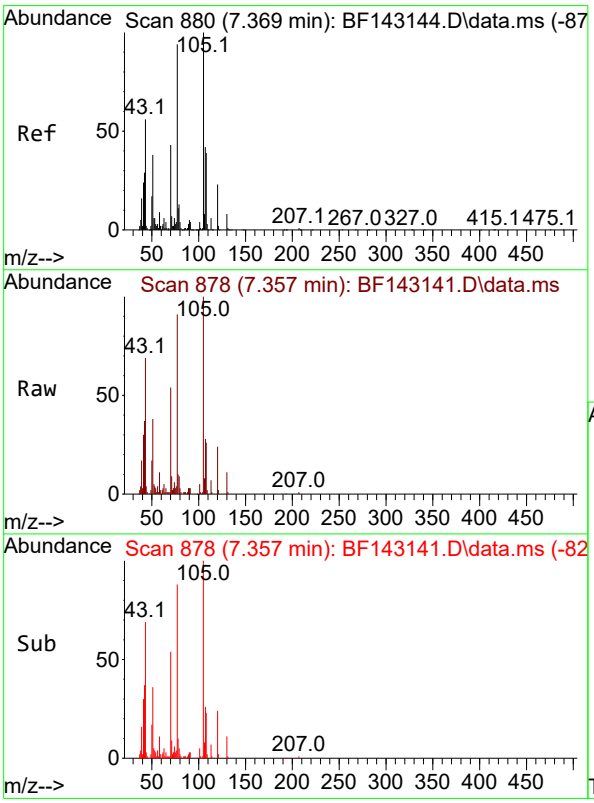
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.2	12.2
68	6.8	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

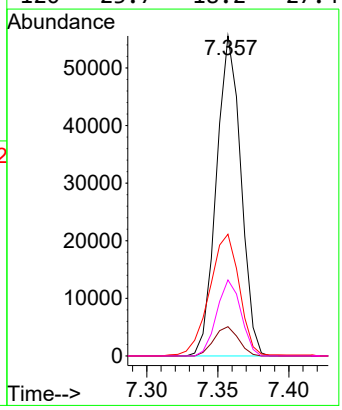
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

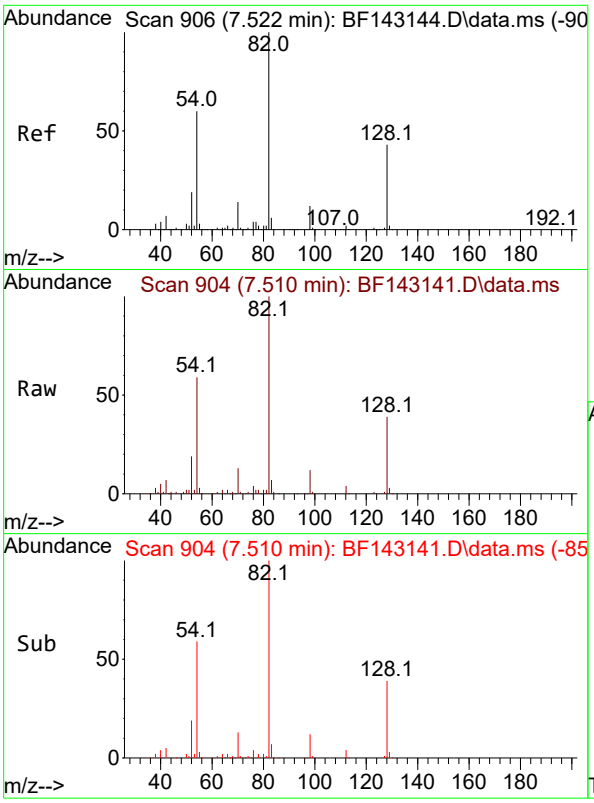


#22
Acetophenone
Concen: 5.569 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:105 Resp: 66559

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	38.1	30.2	45.2
120	23.7	18.2	27.4

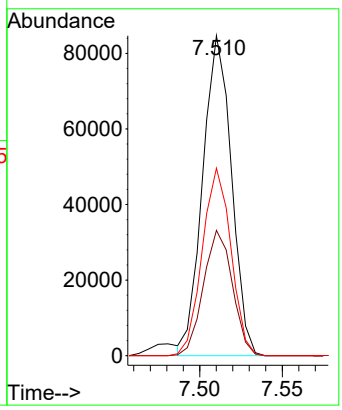




#23
Nitrobenzene-d5
Concen: 10.146 ng m
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 82 Resp: 10274

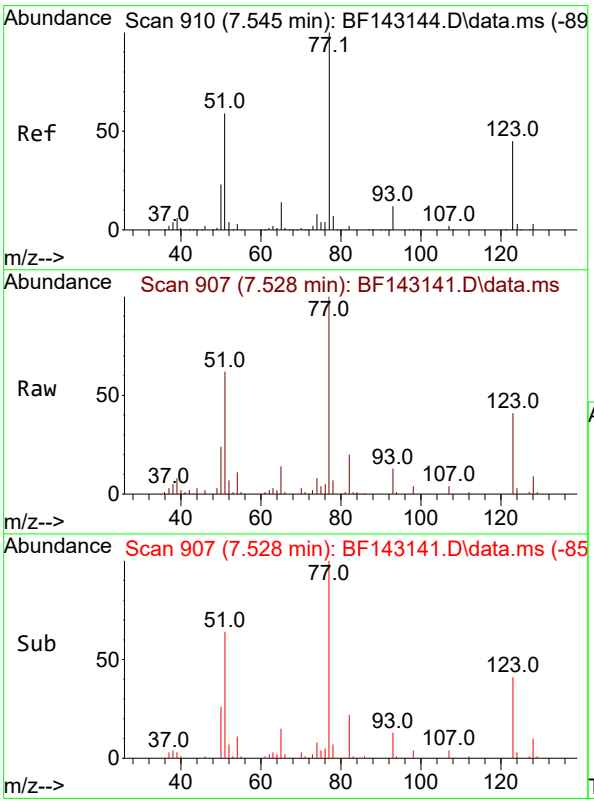
Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.6	50.4
54	58.6	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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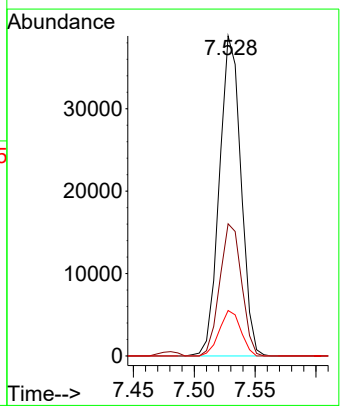
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

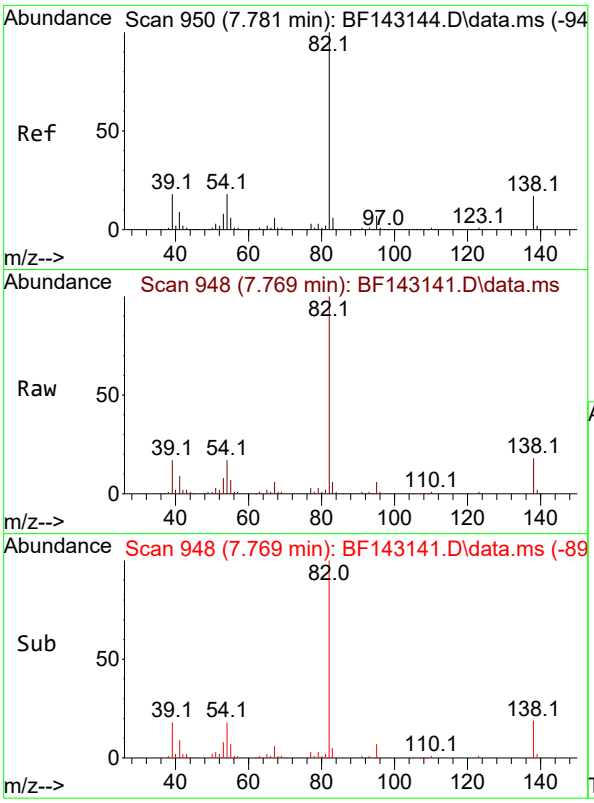


#24
Nitrobenzene
Concen: 5.074 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 47902

Ion	Ratio	Lower	Upper
77	100		
123	41.3	36.1	54.1
65	14.2	11.4	17.2





#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

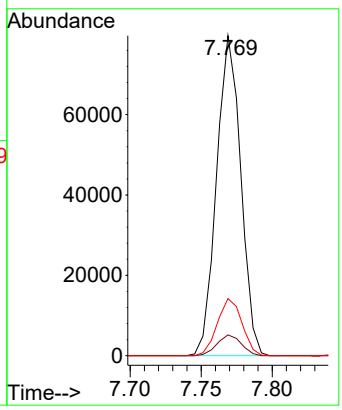
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

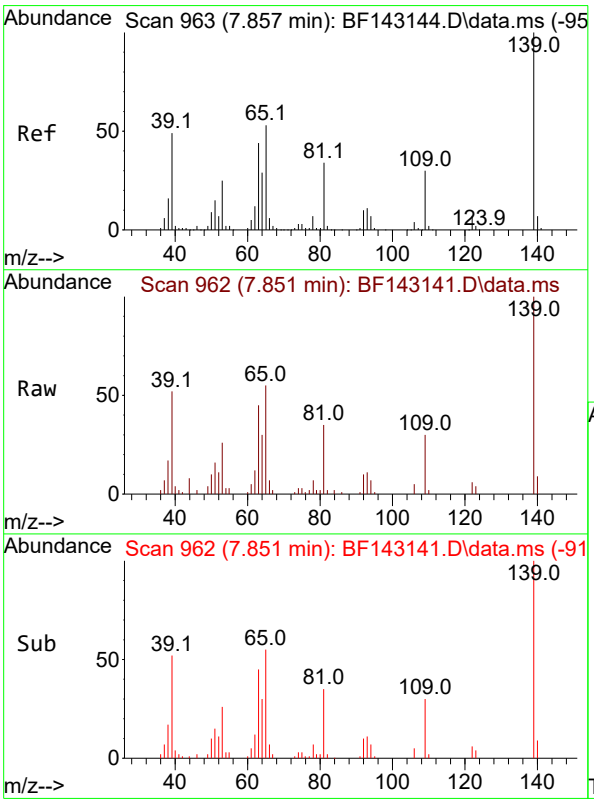
Tgt Ion: 82 Resp: 9437

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.5	8.3
138	17.8	13.8	20.8

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

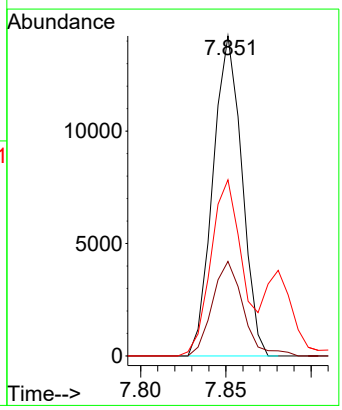


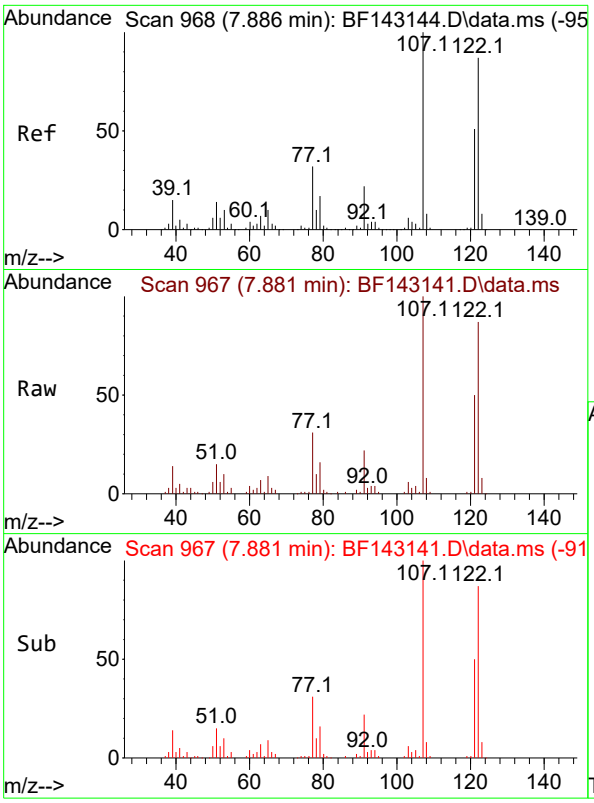


#26
2-Nitrophenol
Concen: 4.107 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 16827

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	55.0	42.6	64.0

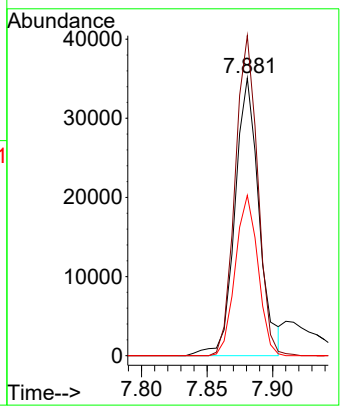




#27
2,4-Dimethylphenol
Concen: 5.382 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:122 Resp: 4495

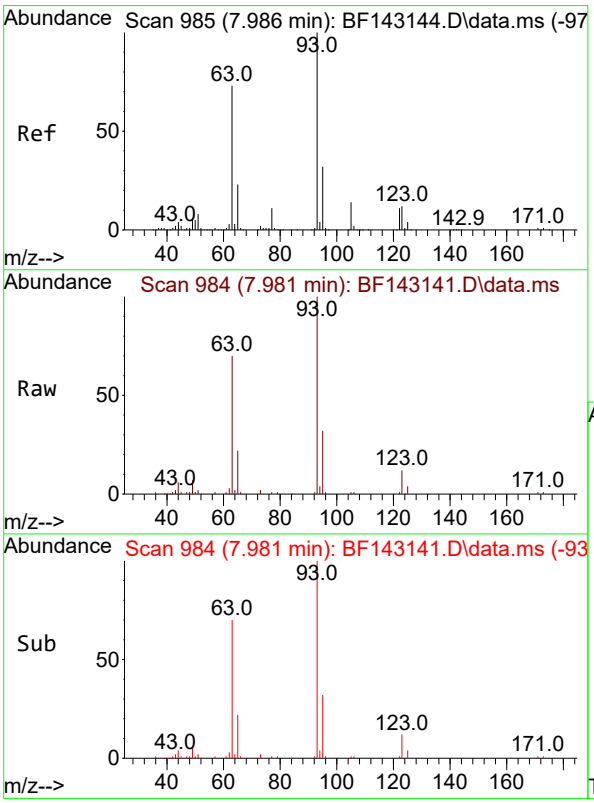
Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	57.8	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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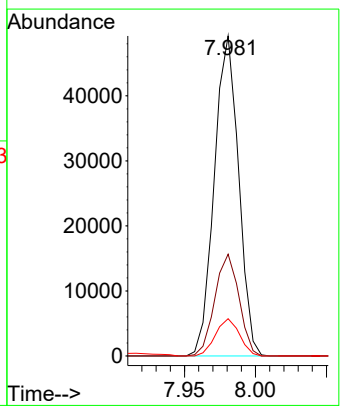
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

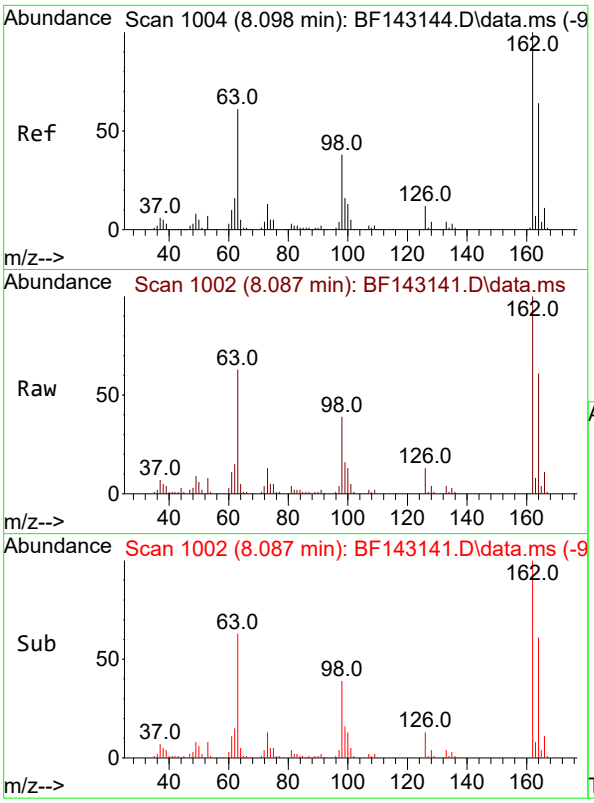


#28
bis(2-Chloroethoxy)methane
Concen: 5.455 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 58465

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.7	9.7	14.5

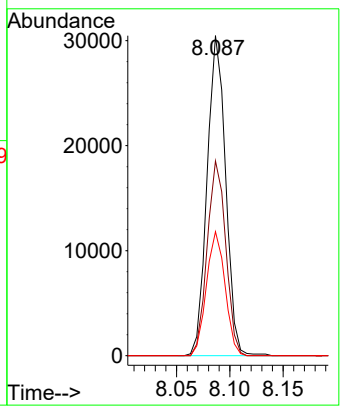




#29
2,4-Dichlorophenol
Concen: 5.236 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 3688

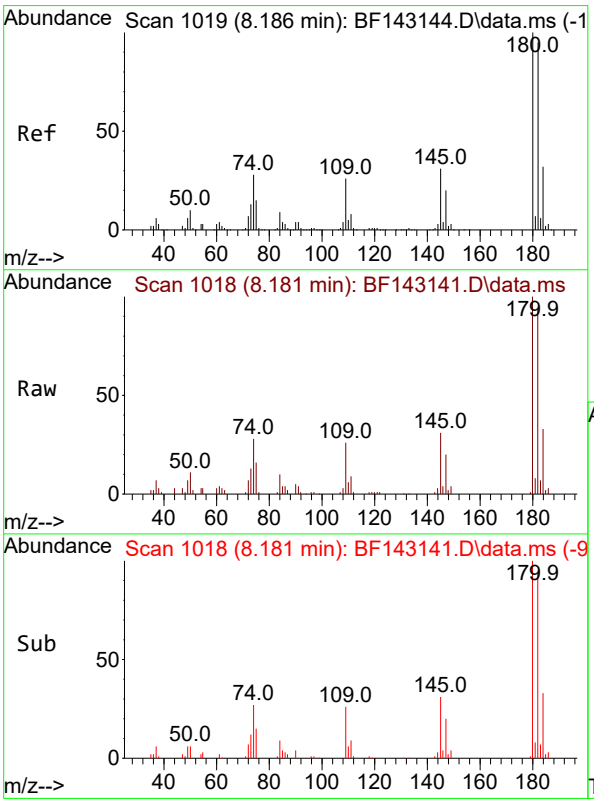
Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.2	84.2
98	38.7	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

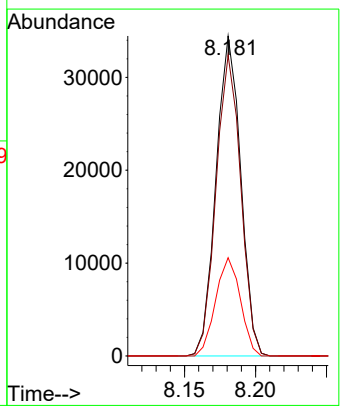
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

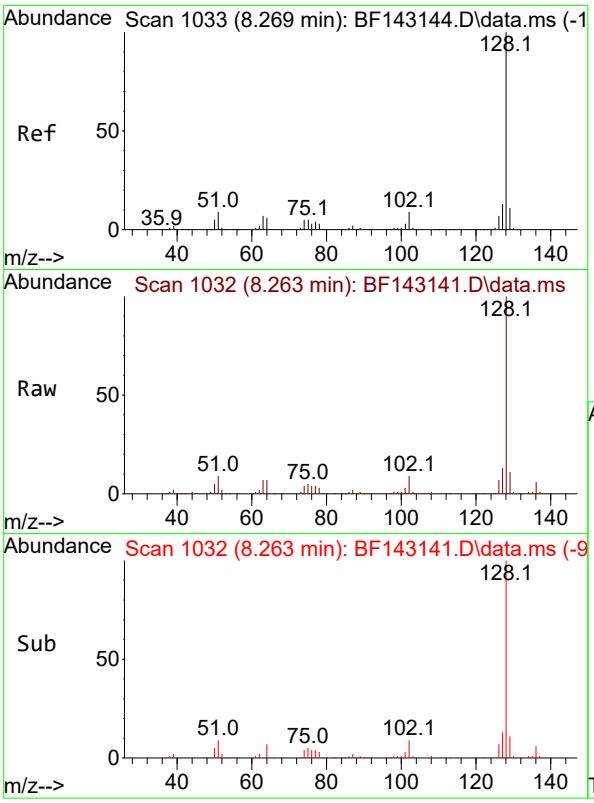


#30
1,2,4-Trichlorobenzene
Concen: 5.460 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:180 Resp: 41552

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	30.7	25.0	37.6

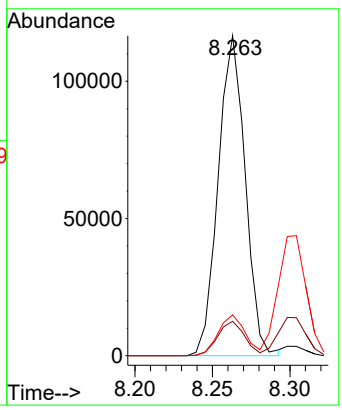




#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 14109

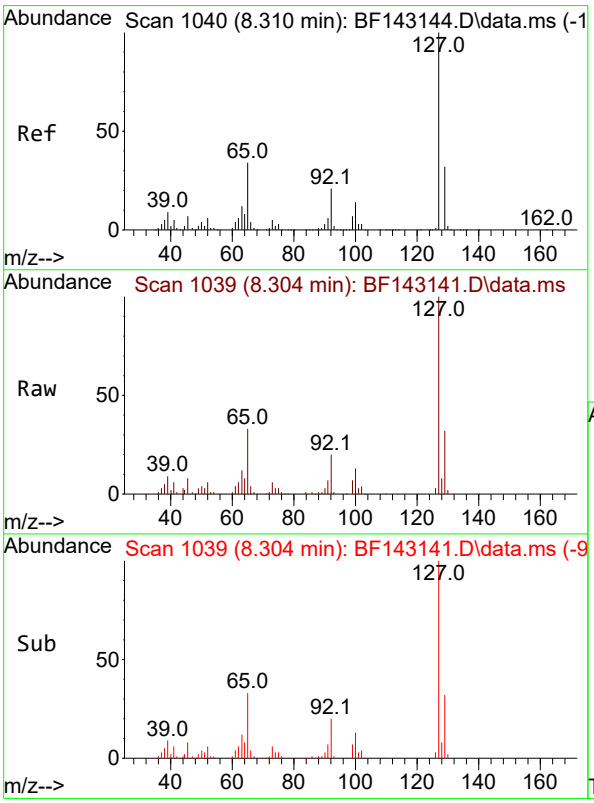
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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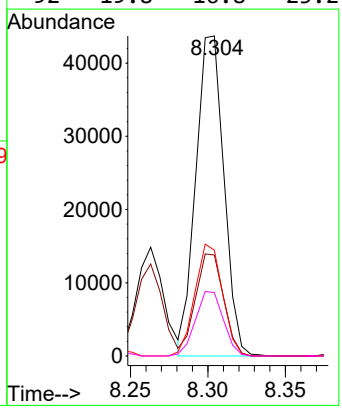
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

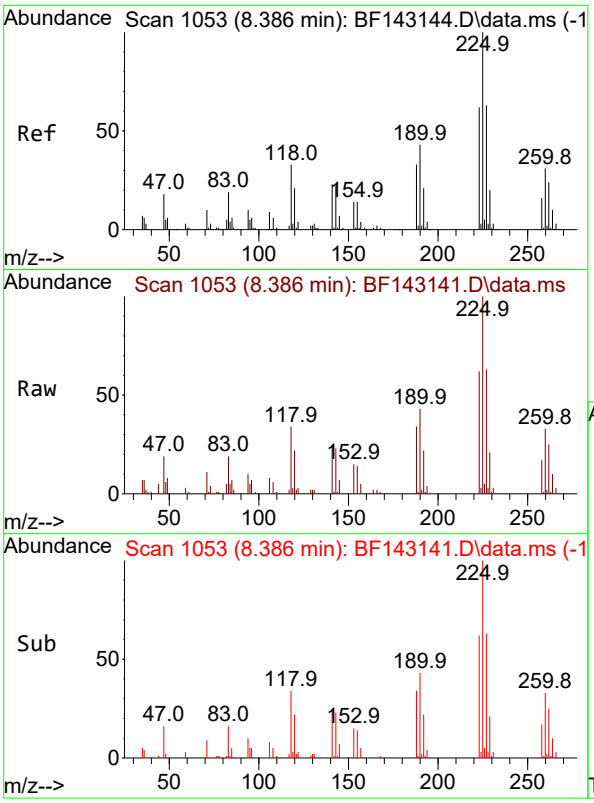


#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:127 Resp: 55130

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.0	39.0
65	33.0	27.4	41.2
92	19.8	16.8	25.2

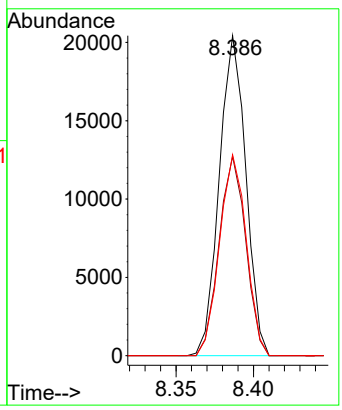




#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:225 Resp: 2432

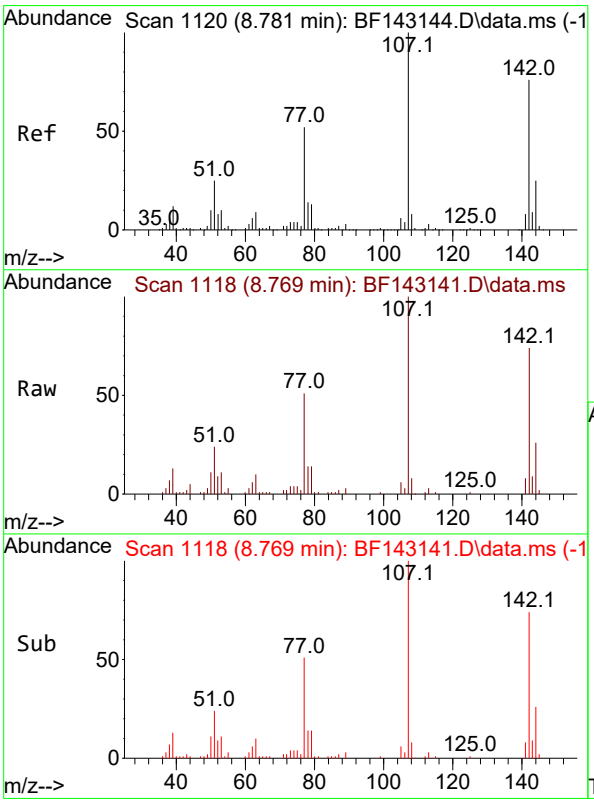
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	62.8	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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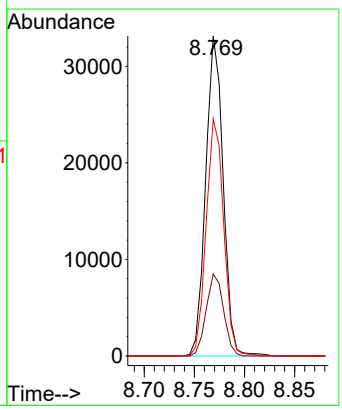
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

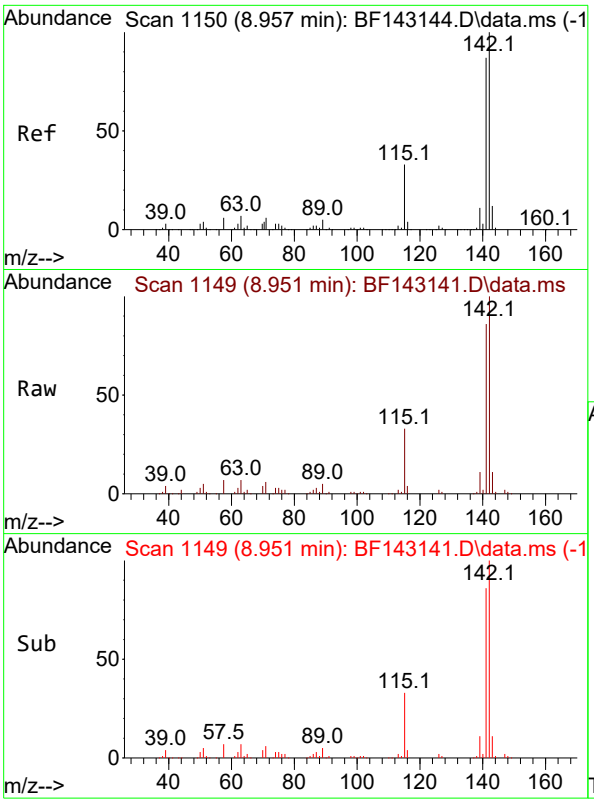


#36
4-Chloro-3-methylphenol
Concen: 5.251 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 40203

Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.6
142	74.1	60.6	90.8

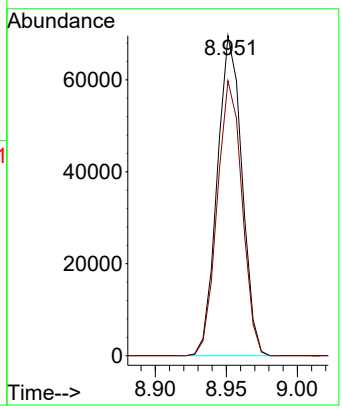




#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 8423

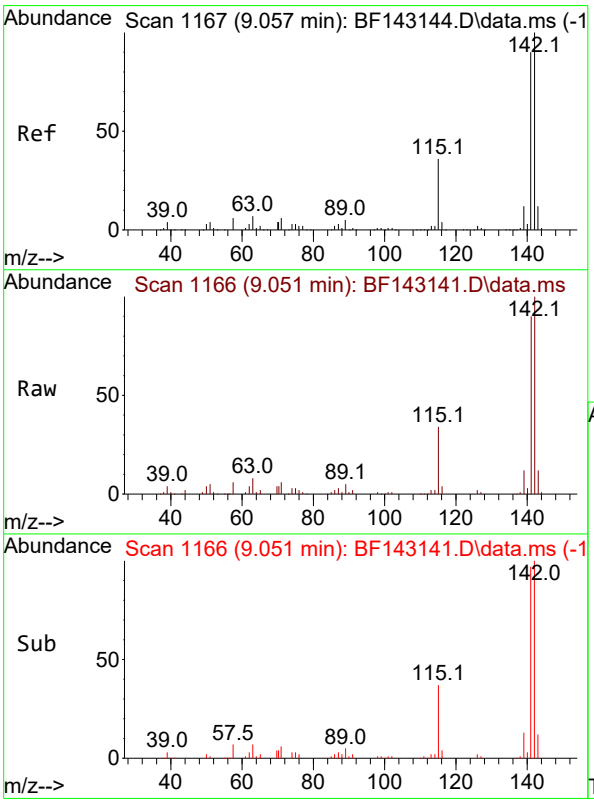
Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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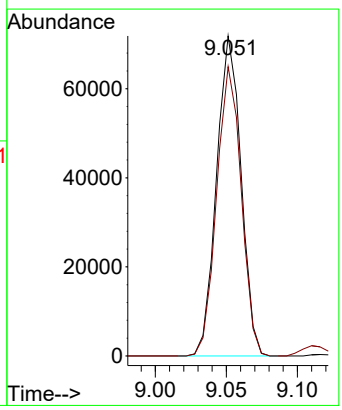
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

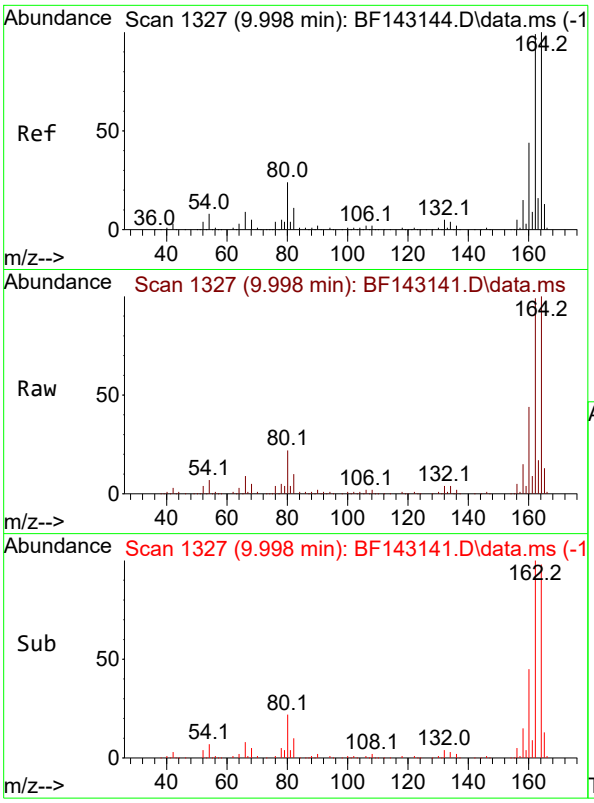


#38
1-Methylnaphthalene
Concen: 5.529 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 86130

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

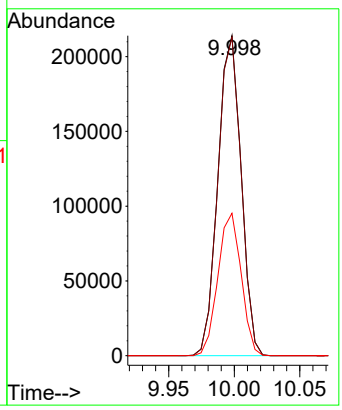
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

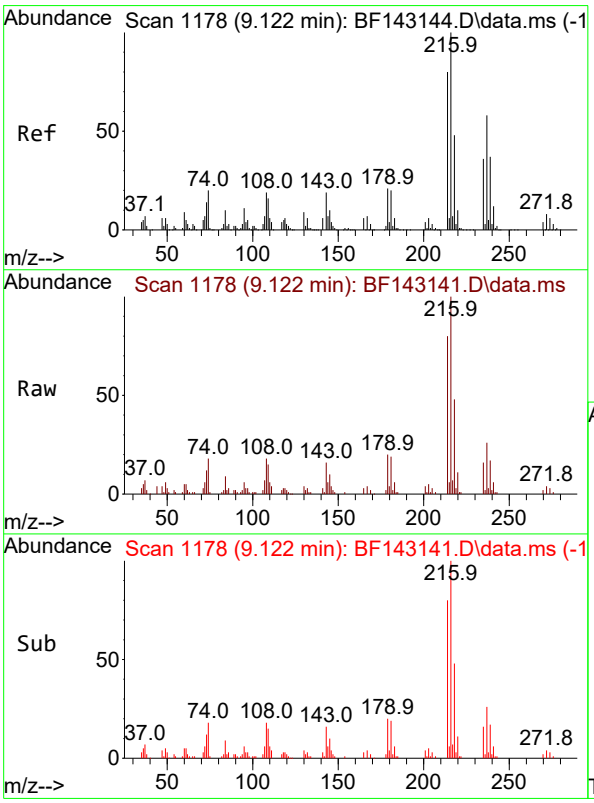
Tgt Ion:164 Resp: 263409

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.0	118.6
160	44.5	35.1	52.7

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

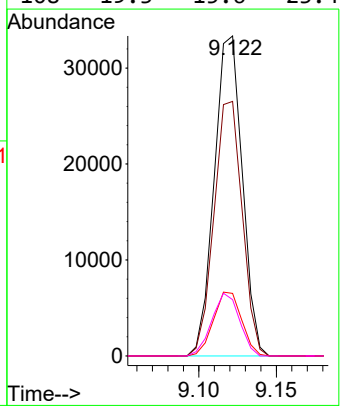


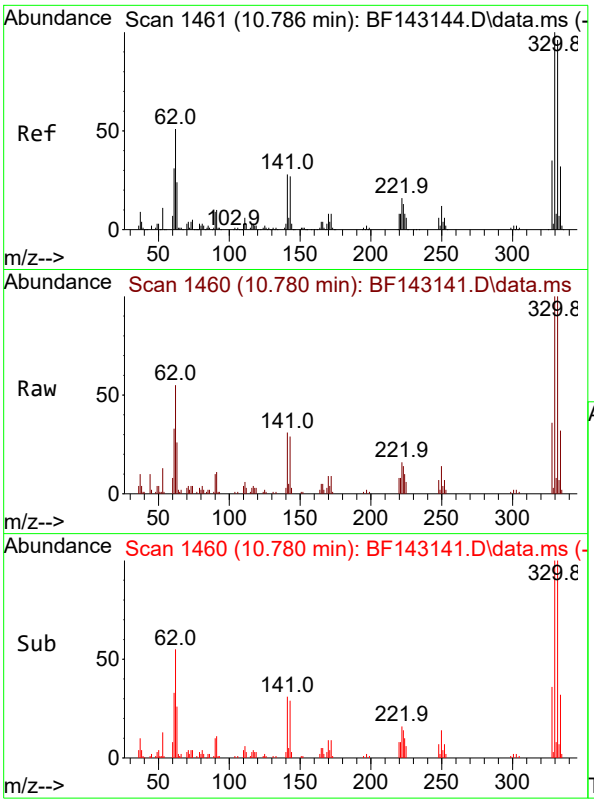


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.523 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.1	16.4	24.6
108	19.3	15.6	23.4

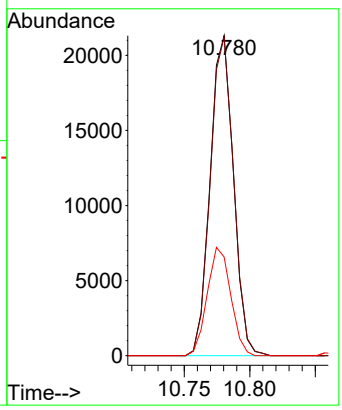




#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:330 Resp: 2628

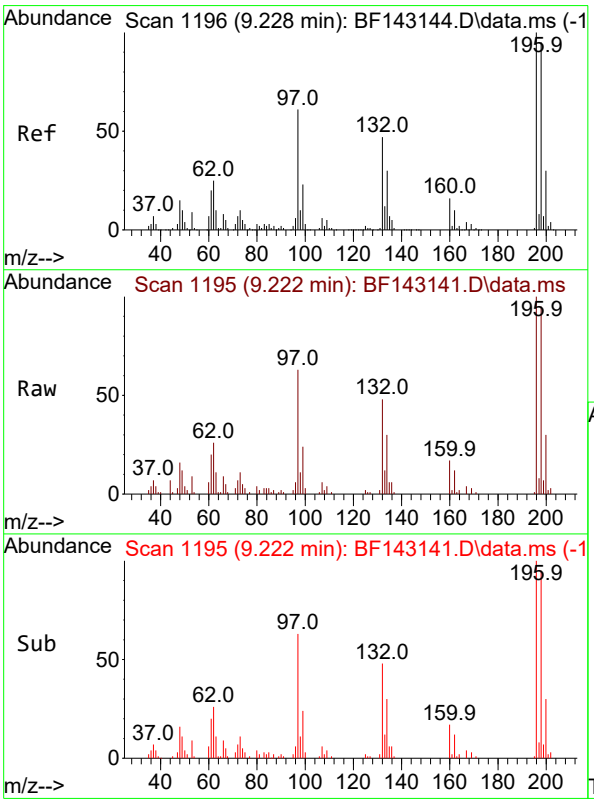
Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.7	115.1
141	34.3	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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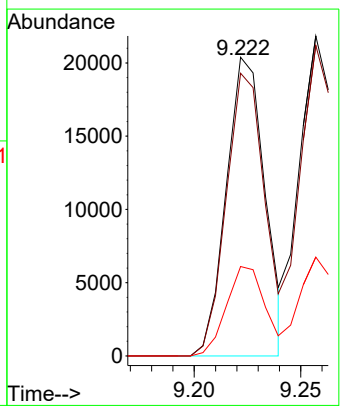
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

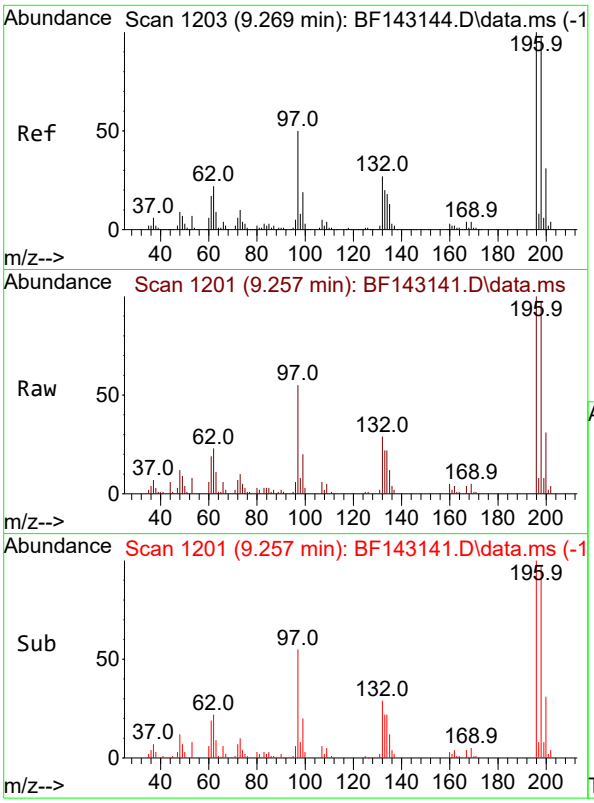


#43
2,4,6-Trichlorophenol
Concen: 4.889 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 25730

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
200	30.0	23.9	35.9

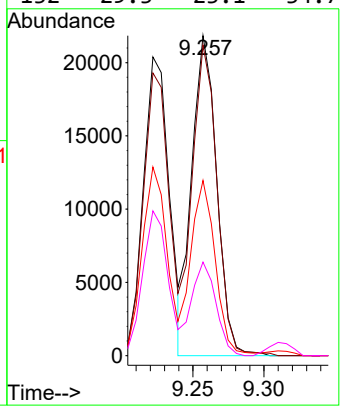




#44
2,4,5-Trichlorophenol
Concen: 5.057 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 2662

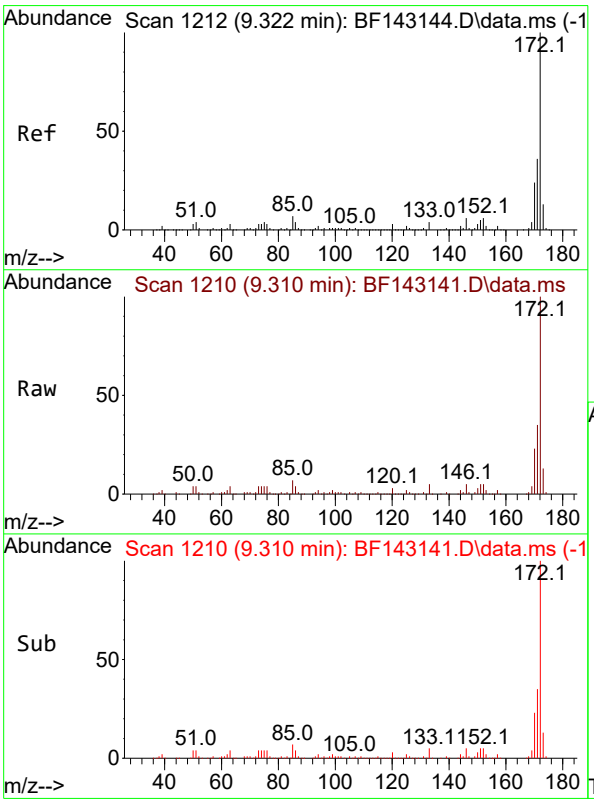
Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.3	115.9
97	54.7	40.3	60.5
132	29.3	23.1	34.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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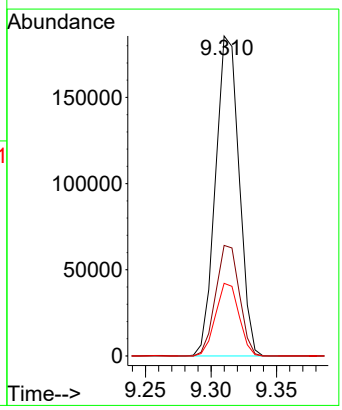
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

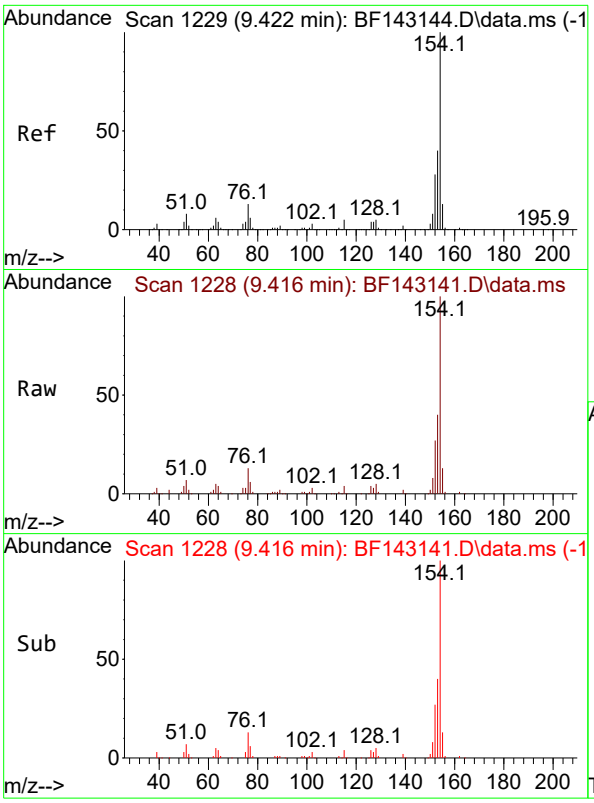


#45
2-Fluorobiphenyl
Concen: 12.043 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:172 Resp: 231962

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.7	18.8	28.2

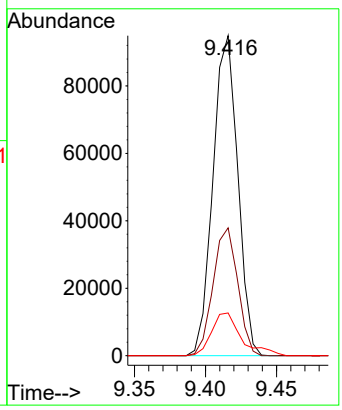




#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 11513

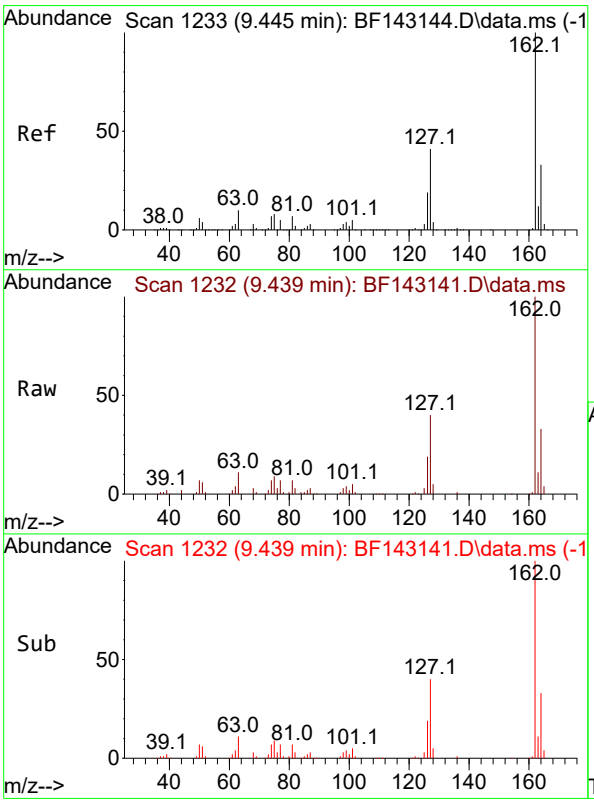
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	13.4	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

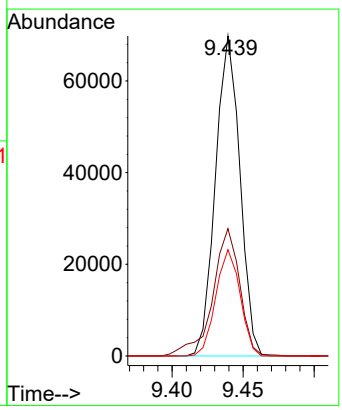
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

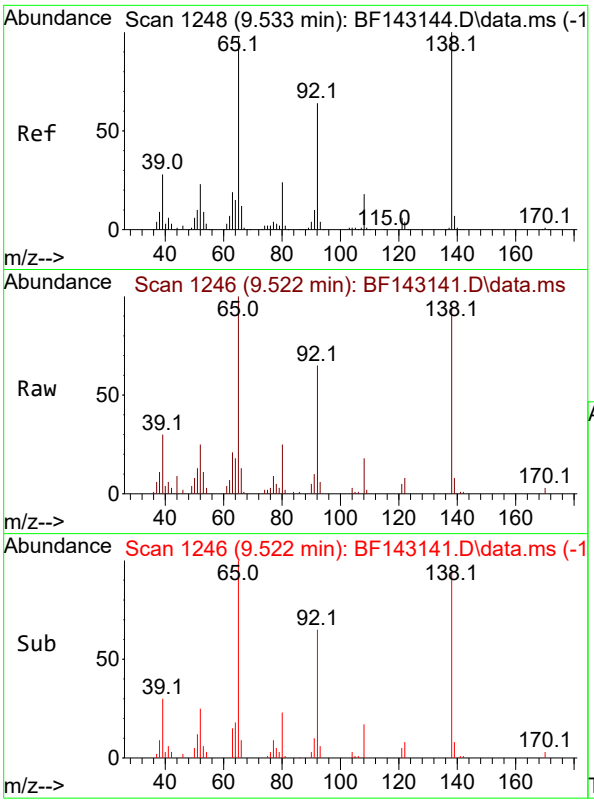


#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 83495

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.4	50.2
164	33.2	26.2	39.2

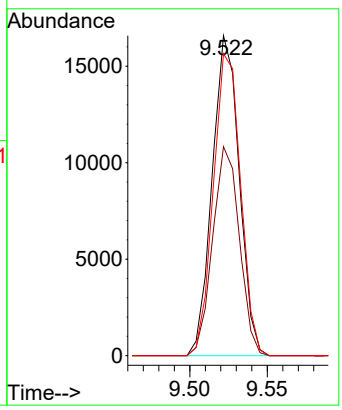




#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.522 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 65 Resp: 2007

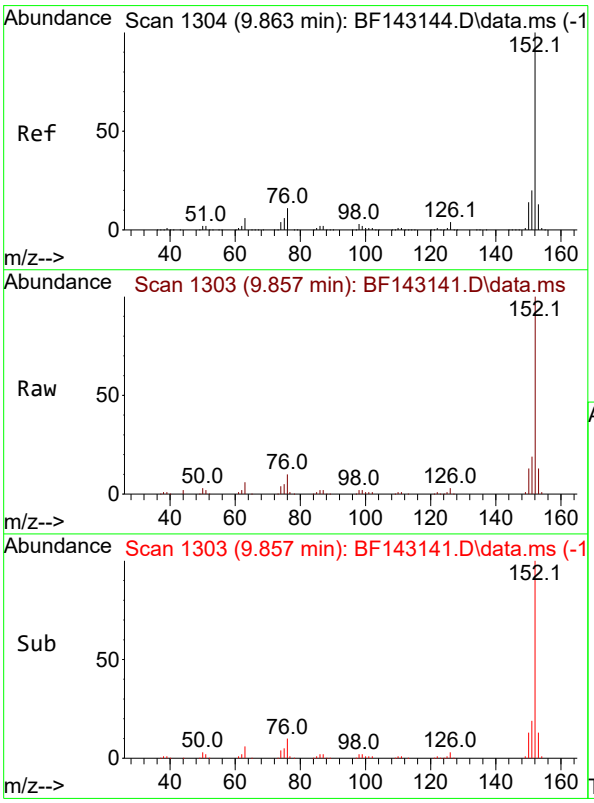
Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.4	78.6
138	94.3	82.3	123.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

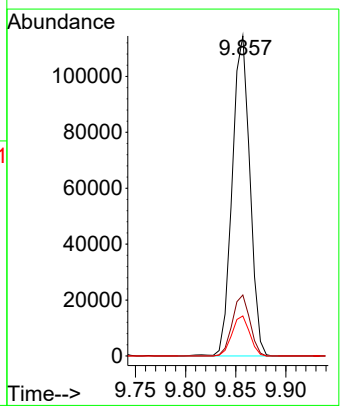
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

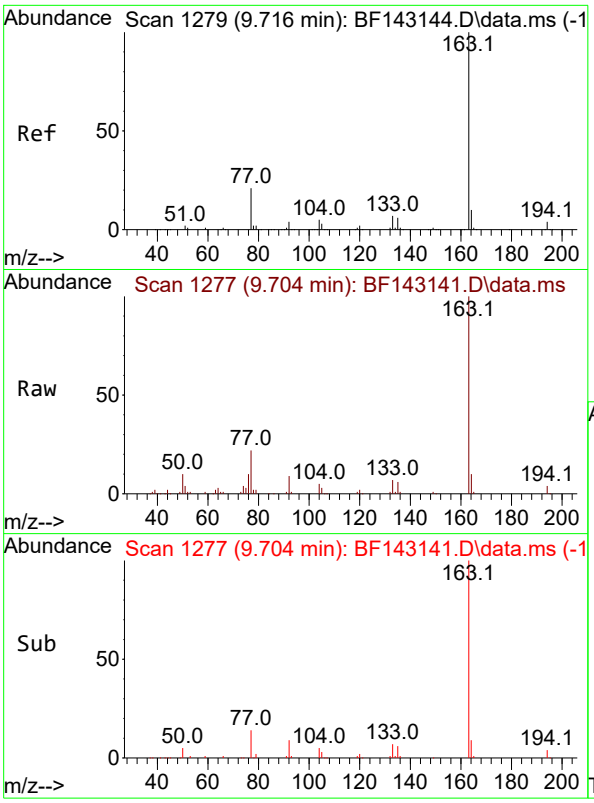


#49
Acenaphthylene
Concen: 5.514 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:152 Resp: 140525

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	12.5	10.6	16.0





#50
Dimethylphthalate
Concen: 5.452 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

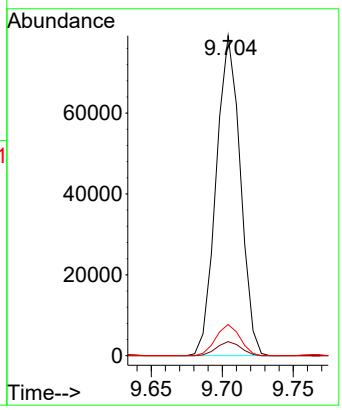
Tgt Ion:163 Resp: 9361

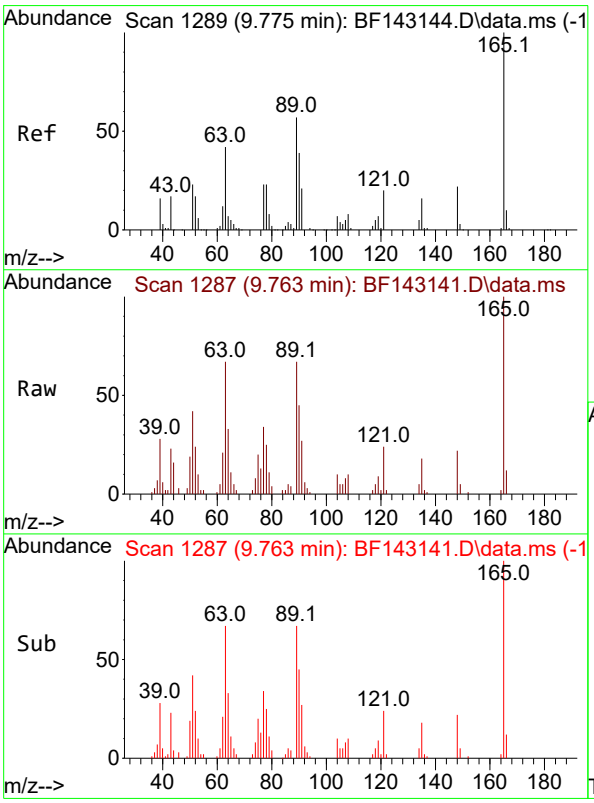
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

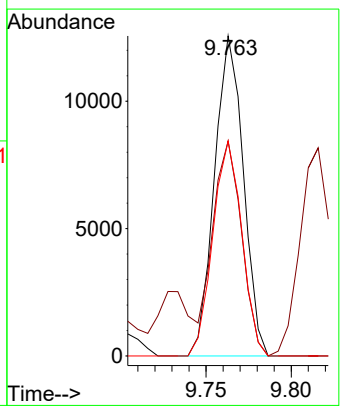


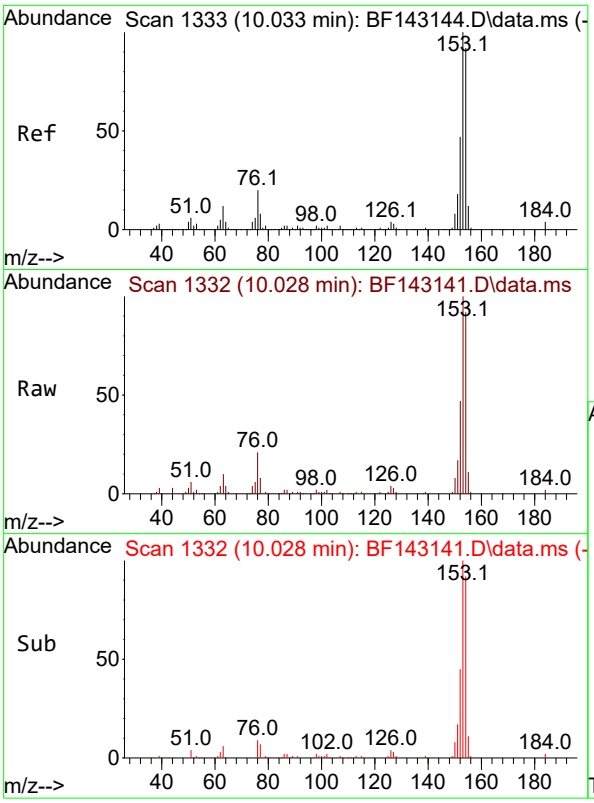


#51
2,6-Dinitrotoluene
Concen: 4.234 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 14787

Ion	Ratio	Lower	Upper
165	100		
63	67.1	49.4	74.2
89	67.2	46.2	69.2

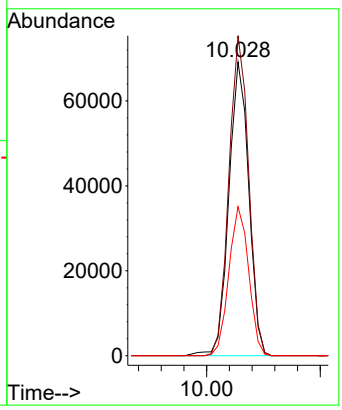




#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 8416

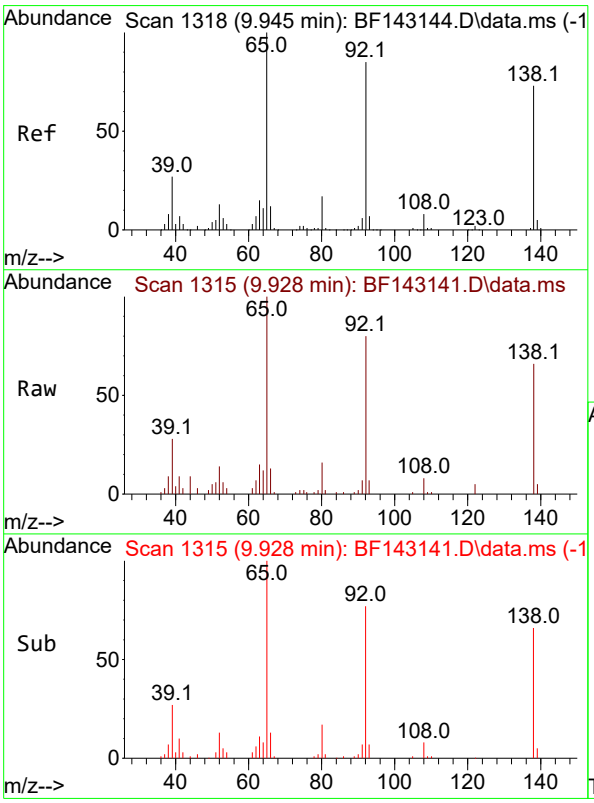
Ion	Ratio	Lower	Upper
154	100		
153	109.0	86.6	129.8
152	50.7	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

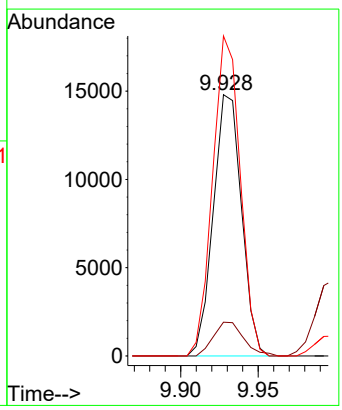
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

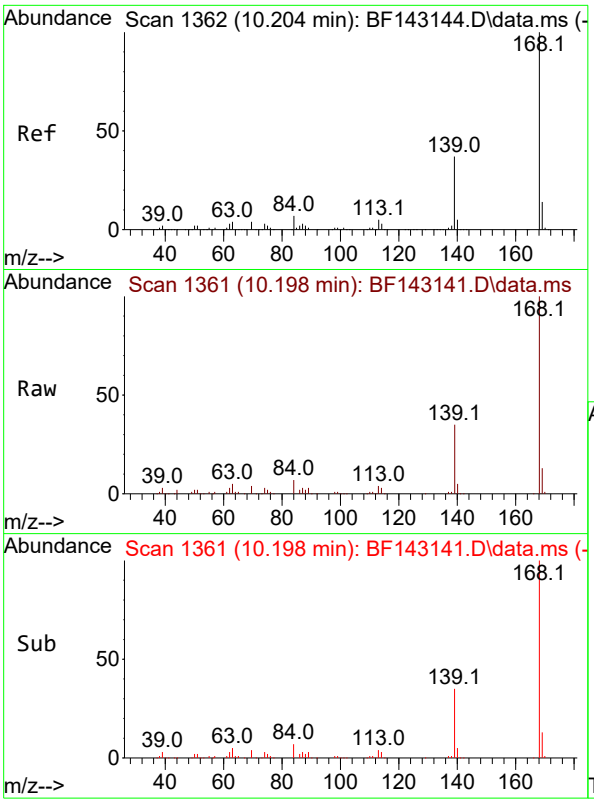


#53
3-Nitroaniline
Concen: 4.587 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 18738

Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.0	13.6
92	122.5	93.0	139.4

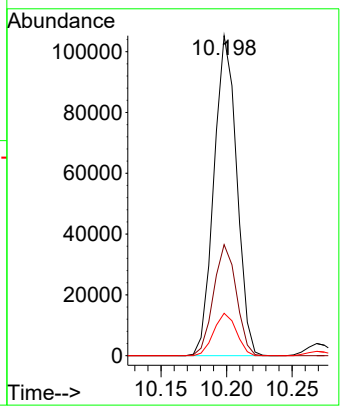




#55
Dibenzofuran
Concen: 5.681 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:168 Resp: 12703

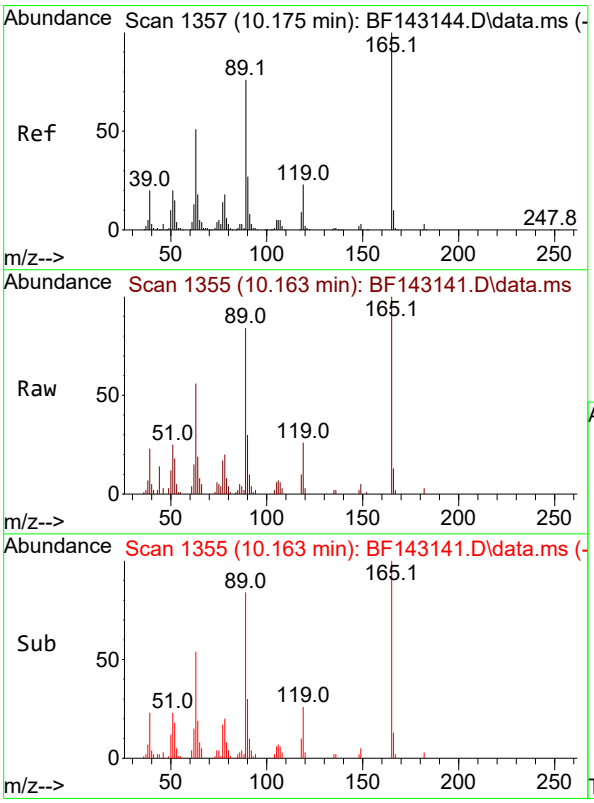
Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.5	44.3
169	13.3	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

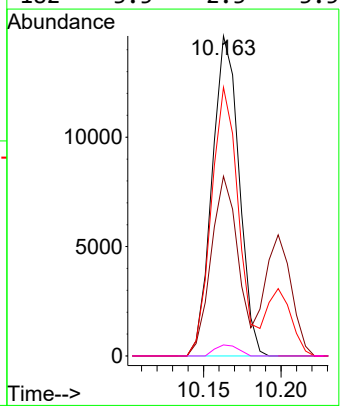
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

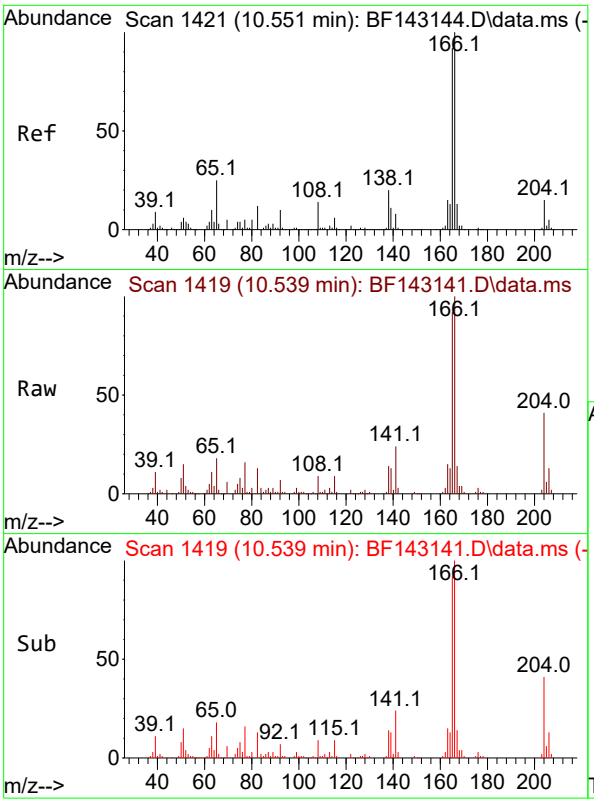


#57
2,4-Dinitrotoluene
Concen: 4.041 ng
RT: 10.163 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 17709

Ion	Ratio	Lower	Upper
165	100		
63	56.1	41.0	61.4
89	83.9	61.1	91.7
182	3.5	2.3	3.5

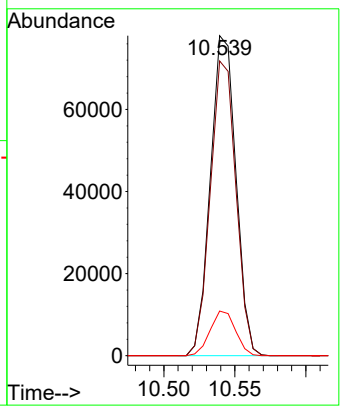




#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:166 Resp: 9747

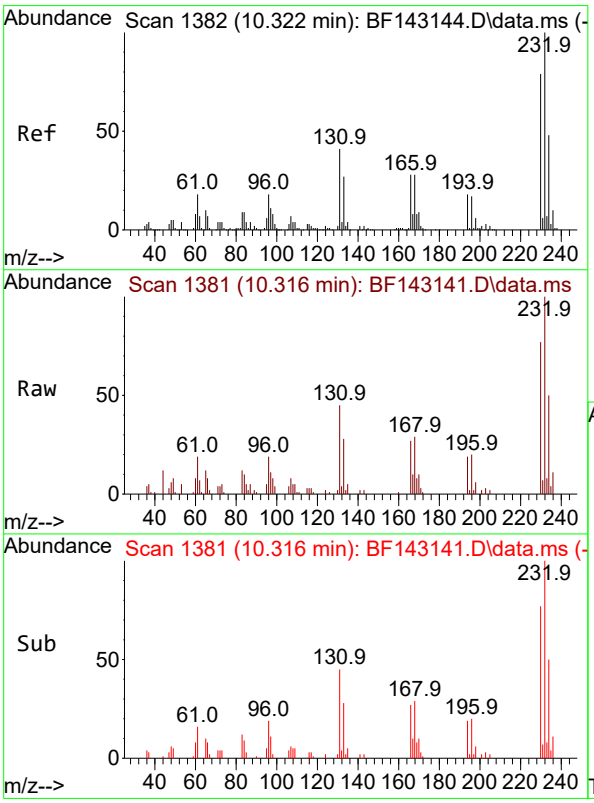
Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	14.0	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

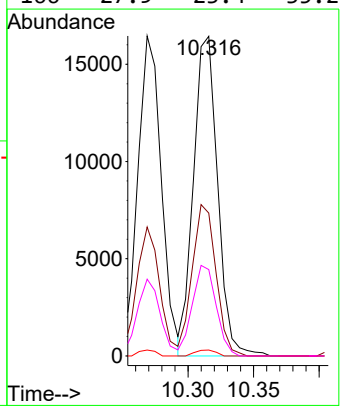
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

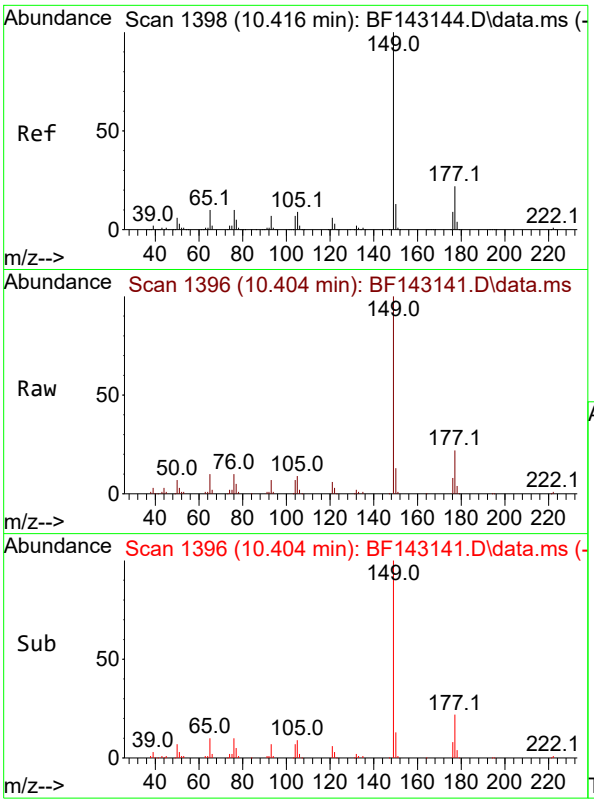


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.840 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:232 Resp: 21108

Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.3	52.9
130	1.6	1.7	2.5#
166	27.9	23.4	35.2

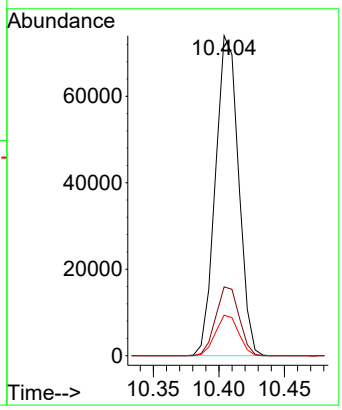




#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 9065

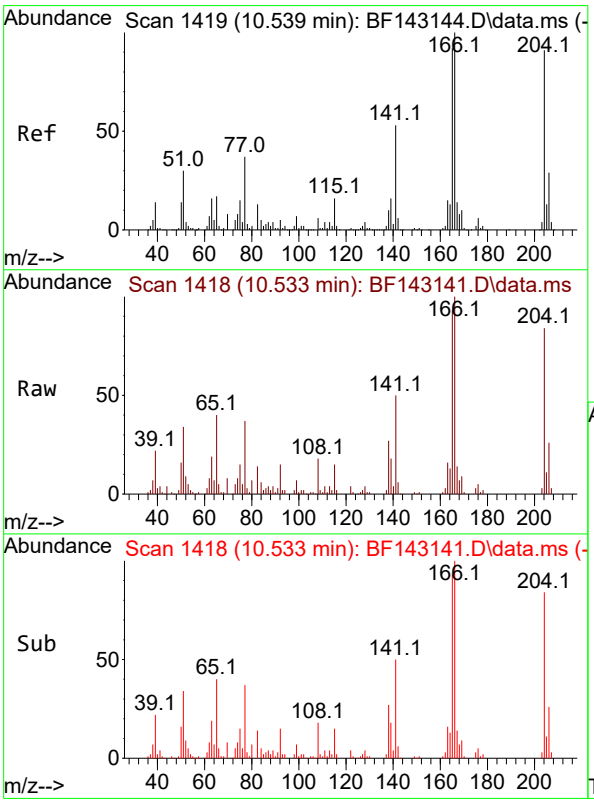
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.7	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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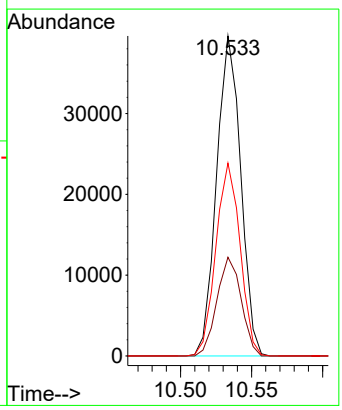
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

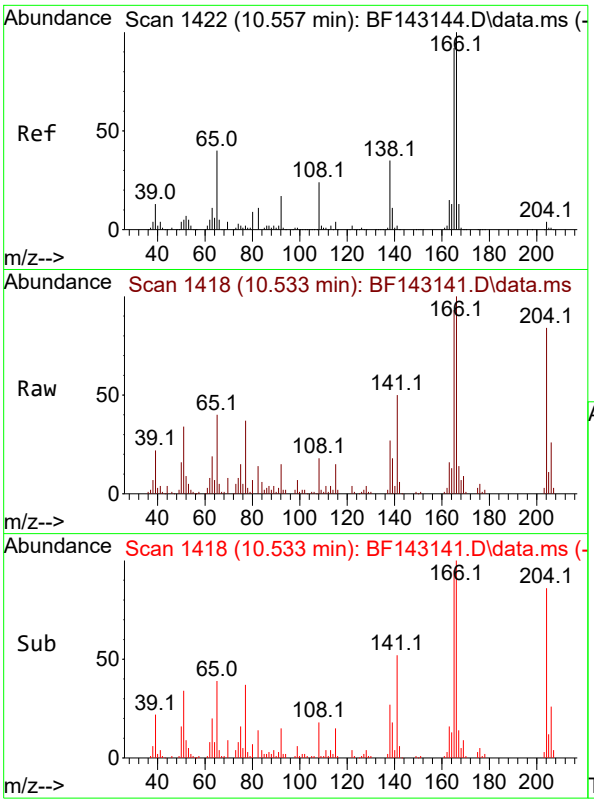


#61
4-Chlorophenyl-phenylether
Concen: 5.594 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:204 Resp: 46747

Ion	Ratio	Lower	Upper
204	100		
206	30.8	25.8	38.8
141	60.2	47.0	70.4

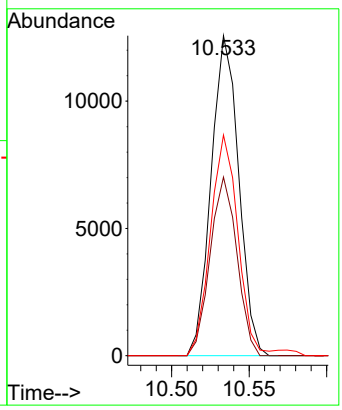




#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 1556

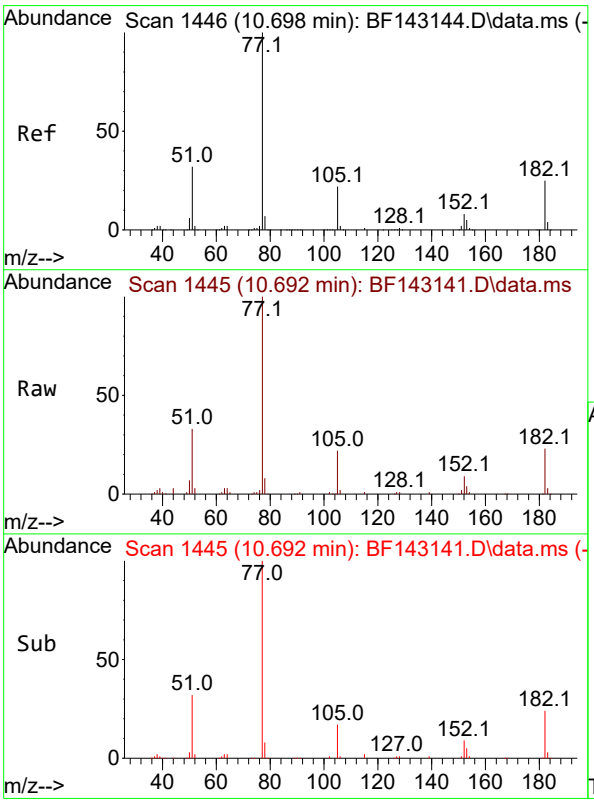
Ion	Ratio	Lower	Upper
138	100		
92	55.8	29.3	69.3
108	68.9	48.3	88.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

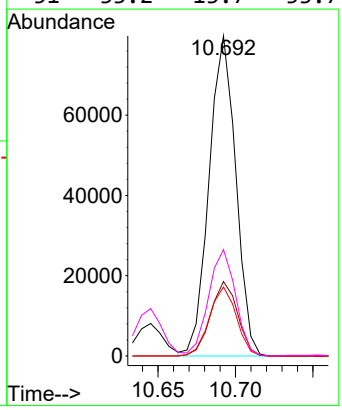
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

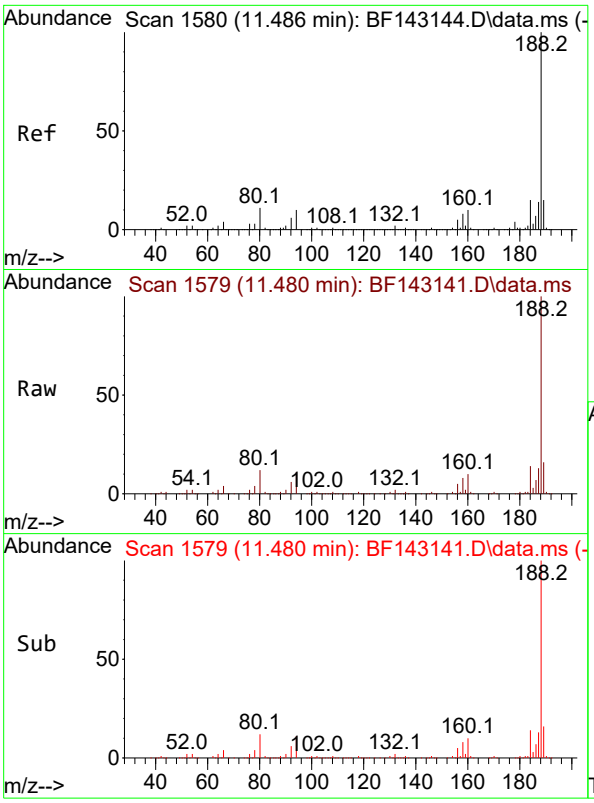


#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 95602

Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.6	44.6
105	21.5	1.4	41.4
51	33.2	13.7	53.7

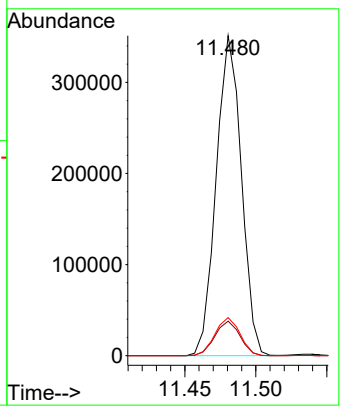




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:188 Resp: 43232

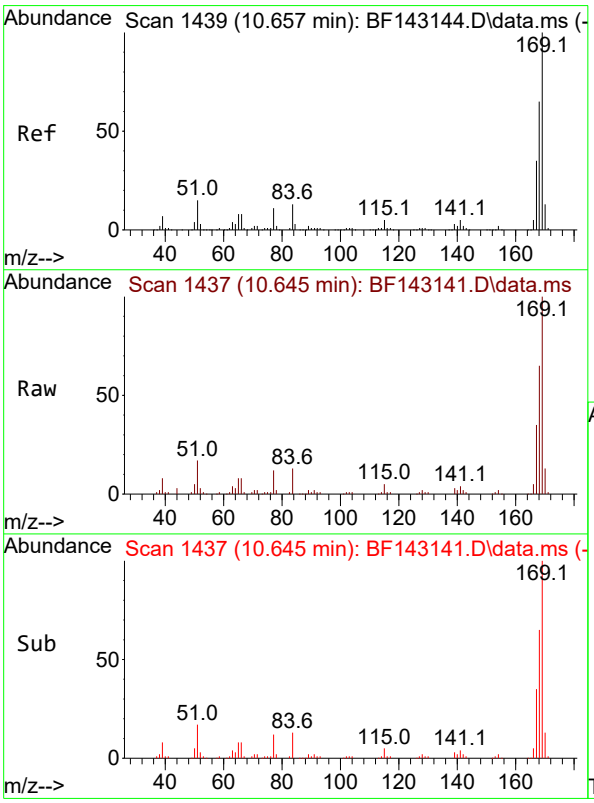
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	11.9	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

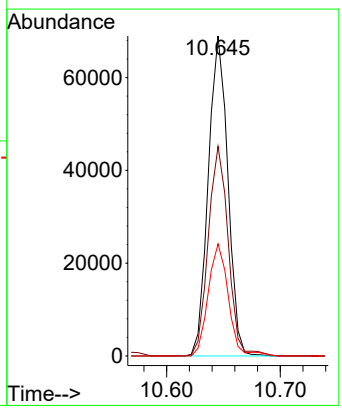
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

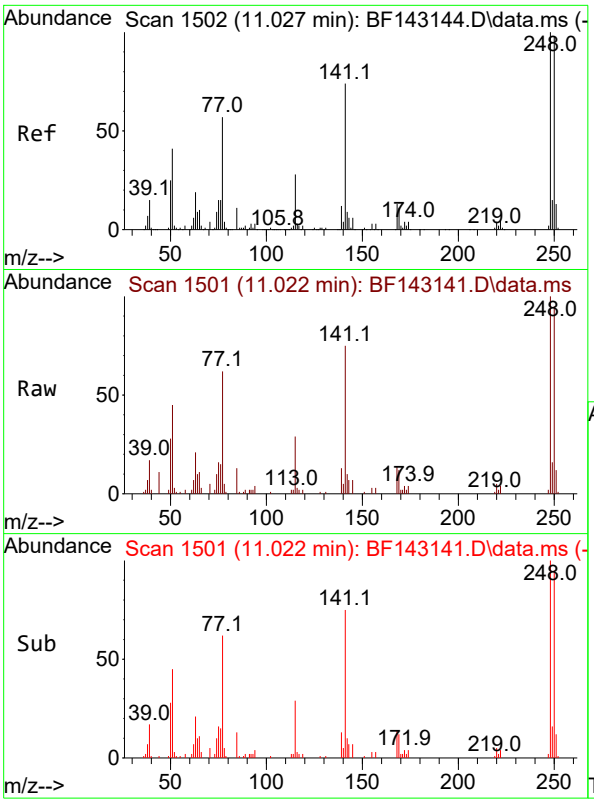


#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:169 Resp: 82281

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.1	78.1
167	35.1	28.2	42.2

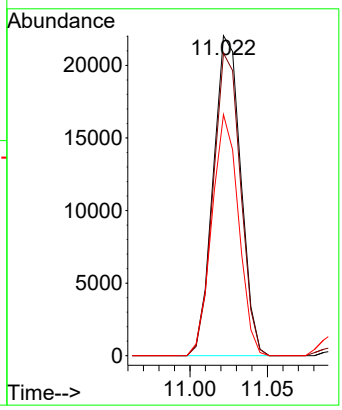




#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:248 Resp: 2725

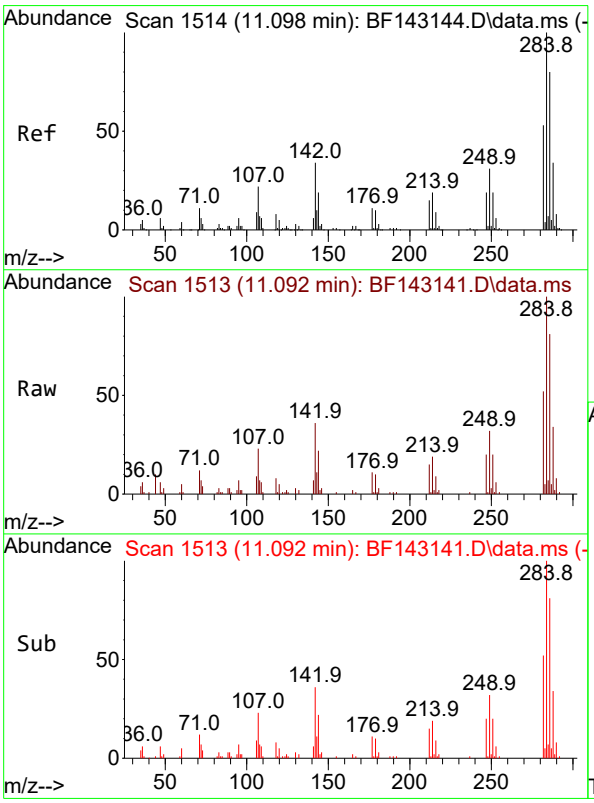
Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.3	117.5
141	75.4	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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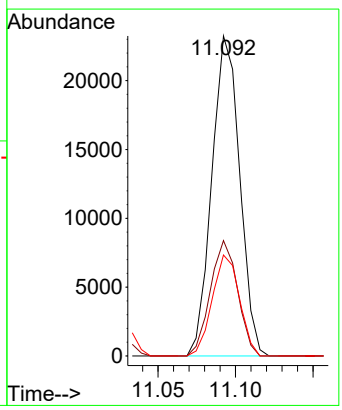
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

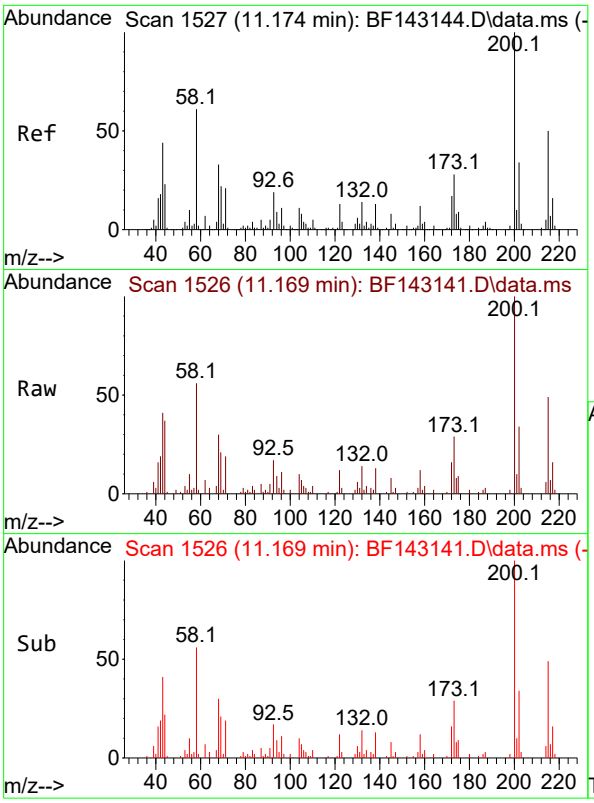


#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:284 Resp: 29052

Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.0	40.6
249	31.5	25.0	37.6





#69
Atrazine
Concen: 4.733 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

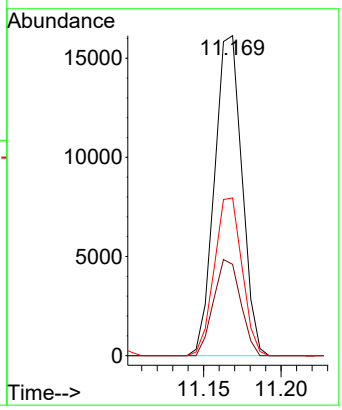
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

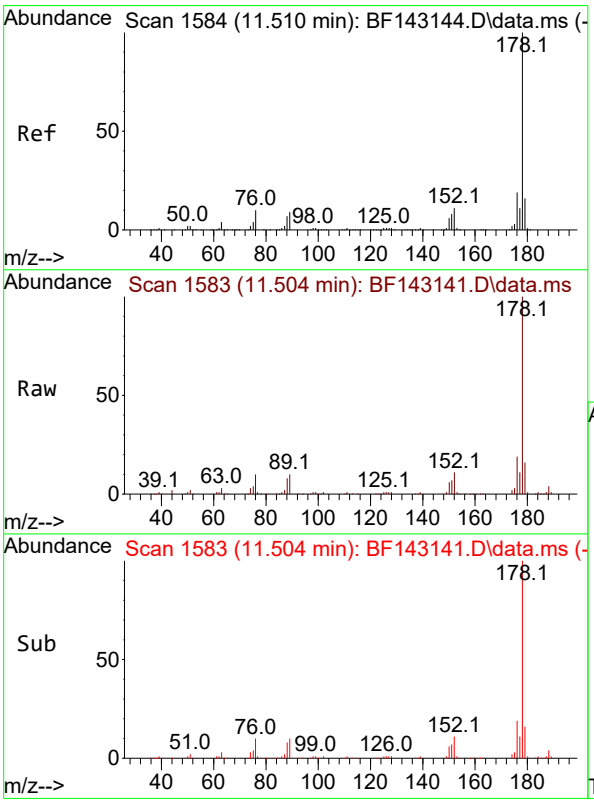
Tgt Ion:200 Resp: 1986

Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	49.3	30.1	70.1

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

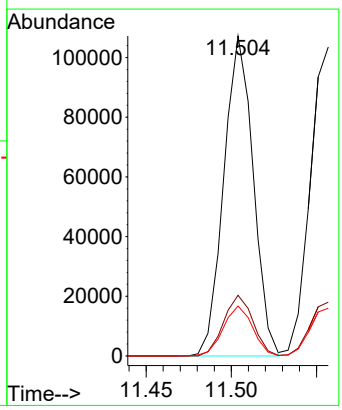


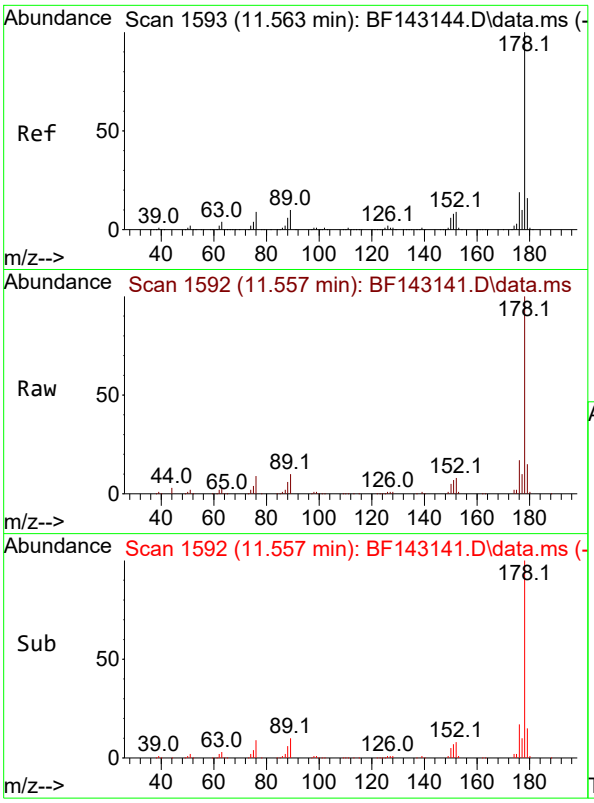


#71
Phenanthrene
Concen: 5.609 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 128762

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.6	12.5	18.7

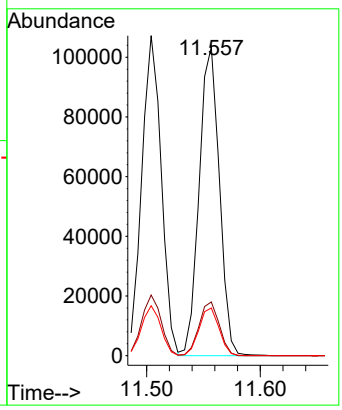




#72
Anthracene
Concen: 5.465 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 12793

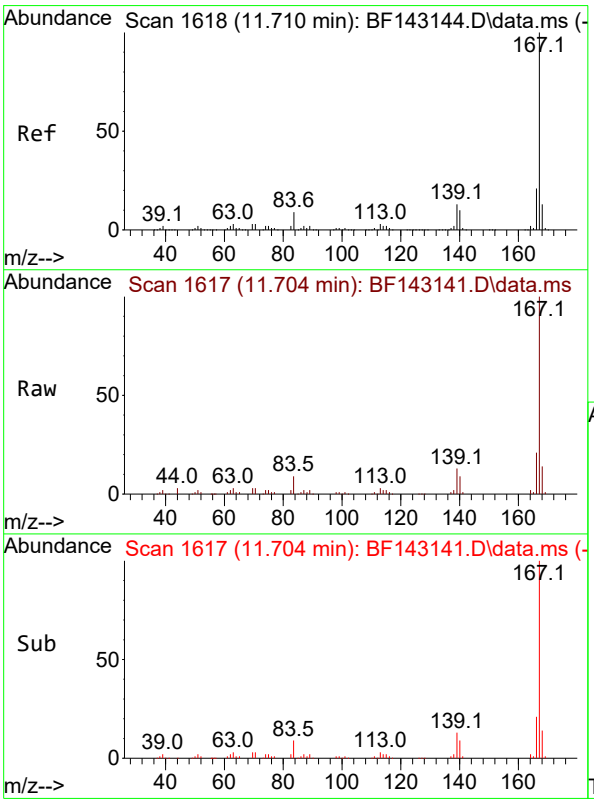
Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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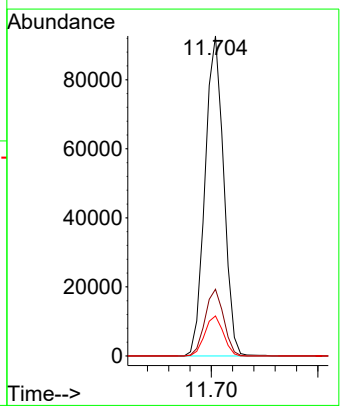
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

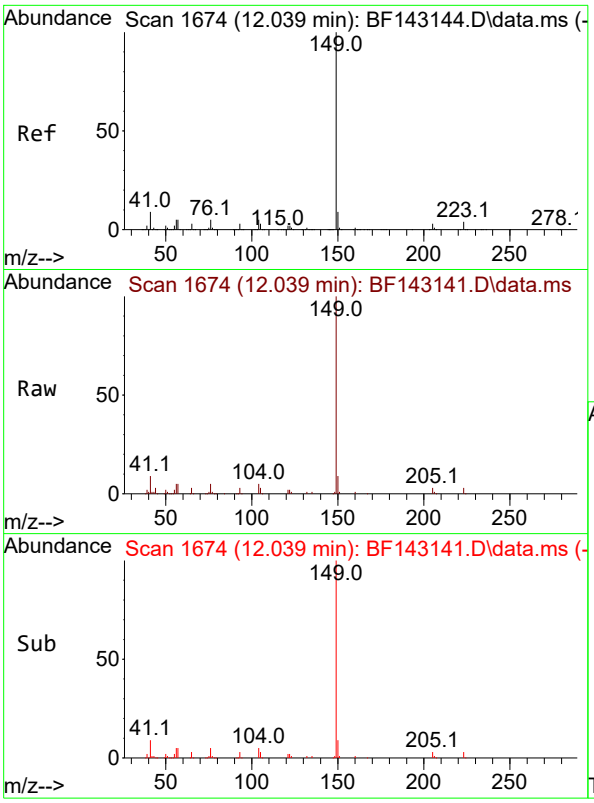


#73
Carbazole
Concen: 5.507 ng
RT: 11.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:167 Resp: 112588

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.5	10.0	15.0

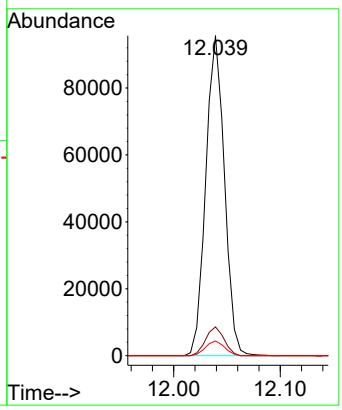




#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 11629

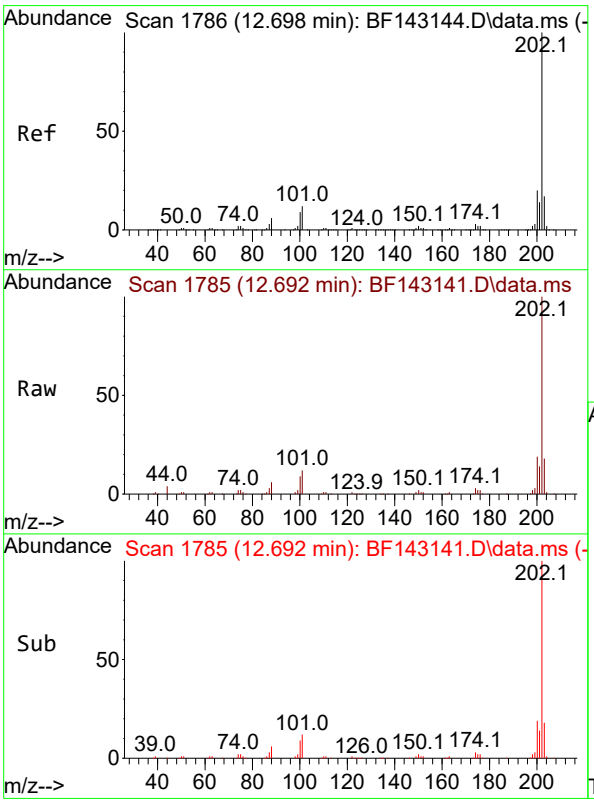
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.6	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

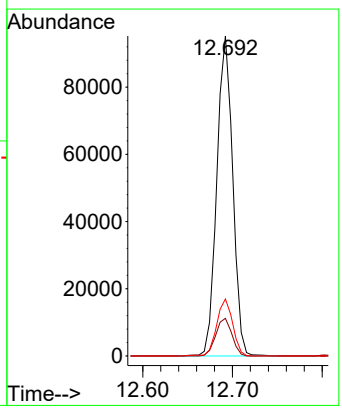
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

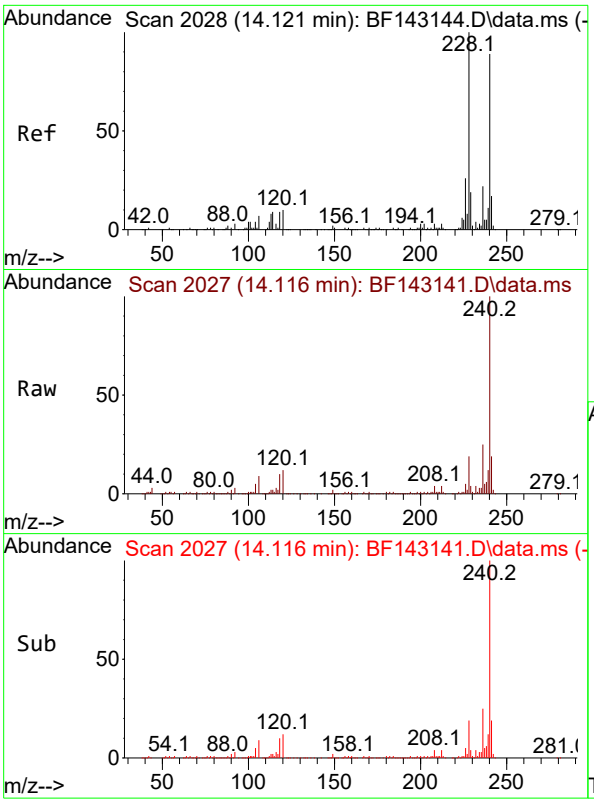


#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 117249

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.8	0.0	37.4

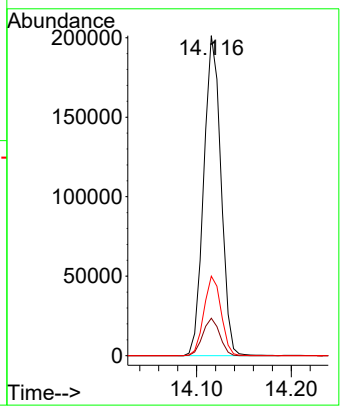




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:240 Resp: 25300

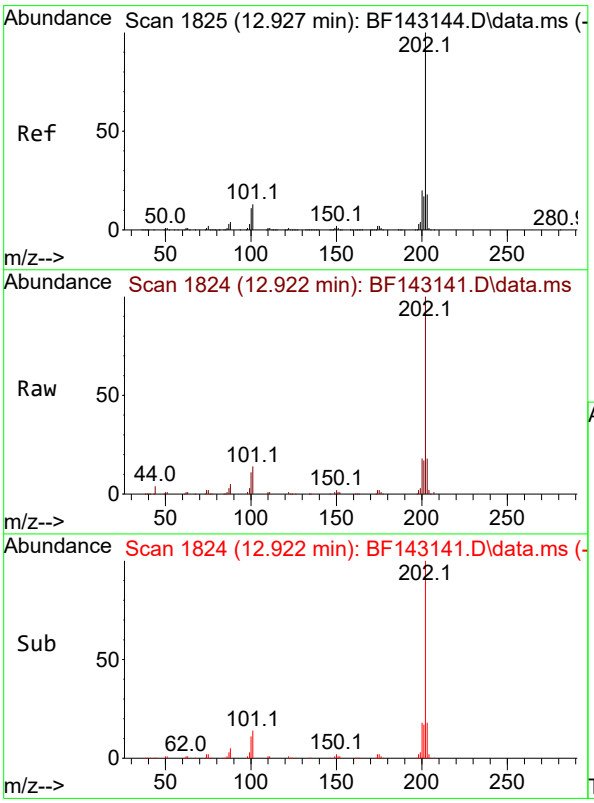
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	24.9	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

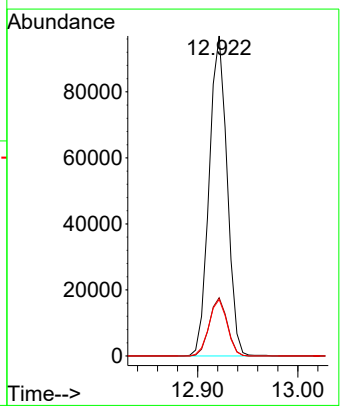
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

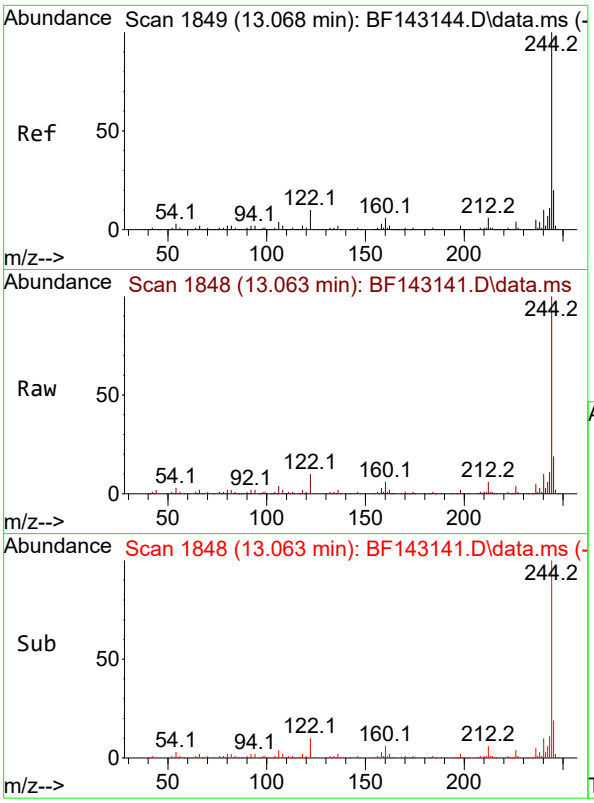


#78
Pyrene
Concen: 5.593 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 120767

Ion	Ratio	Lower	Upper
202	100		
200	18.2	15.7	23.5
203	17.6	14.2	21.2

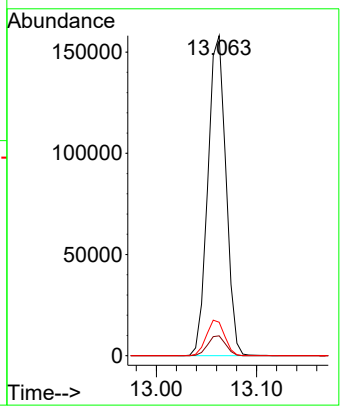




#79
Terphenyl-d14
Concen: 11.656 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:244 Resp: 19816

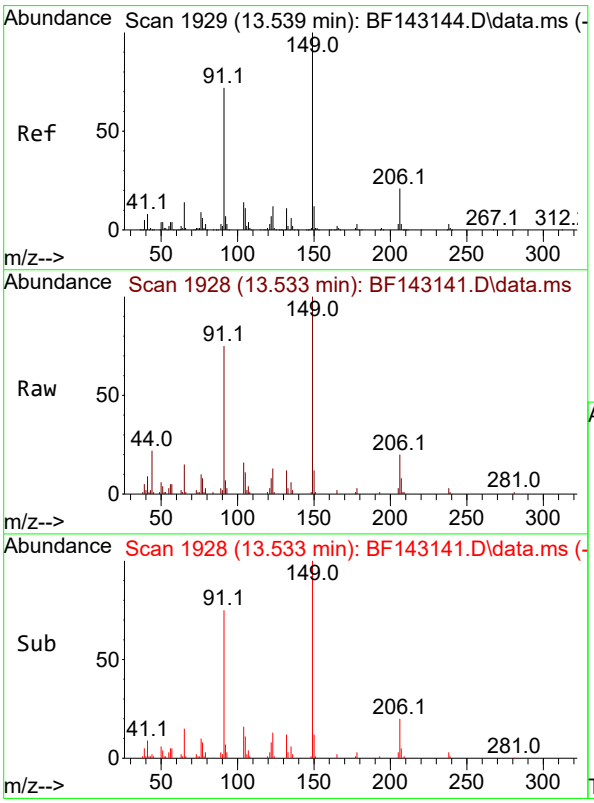
Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	10.5	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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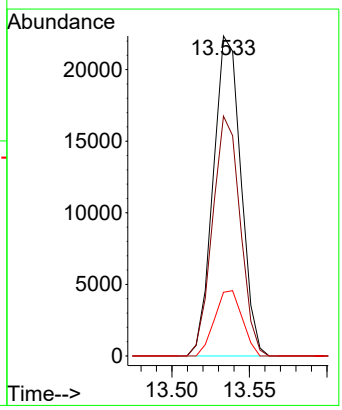
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

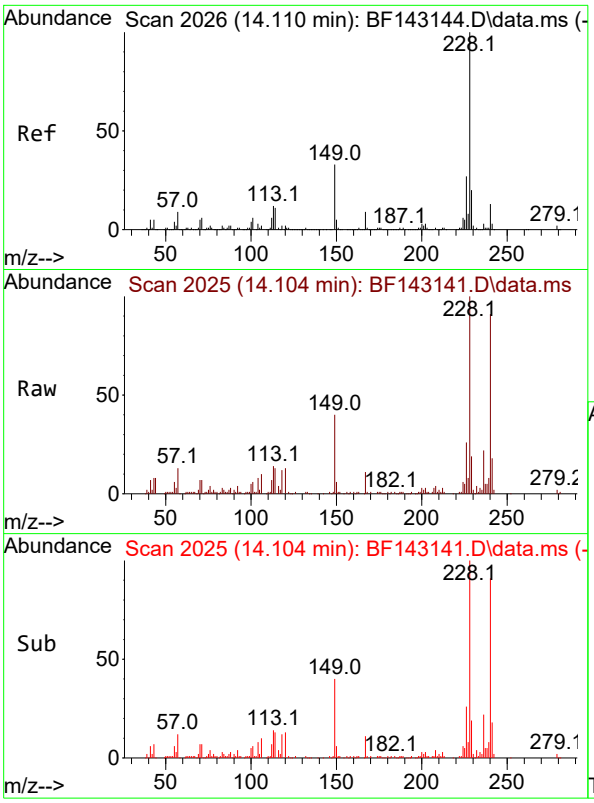


#80
Butylbenzylphthalate
Concen: 4.189 ng
RT: 13.533 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 27699

Ion	Ratio	Lower	Upper
149	100		
91	74.9	57.9	86.9
206	19.9	17.0	25.4

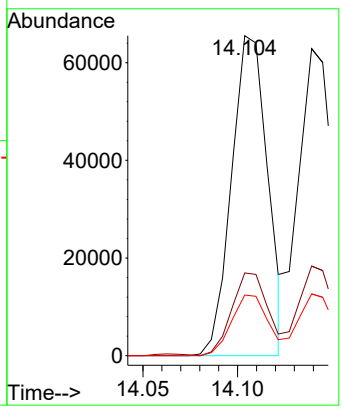




#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:228 Resp: 8692

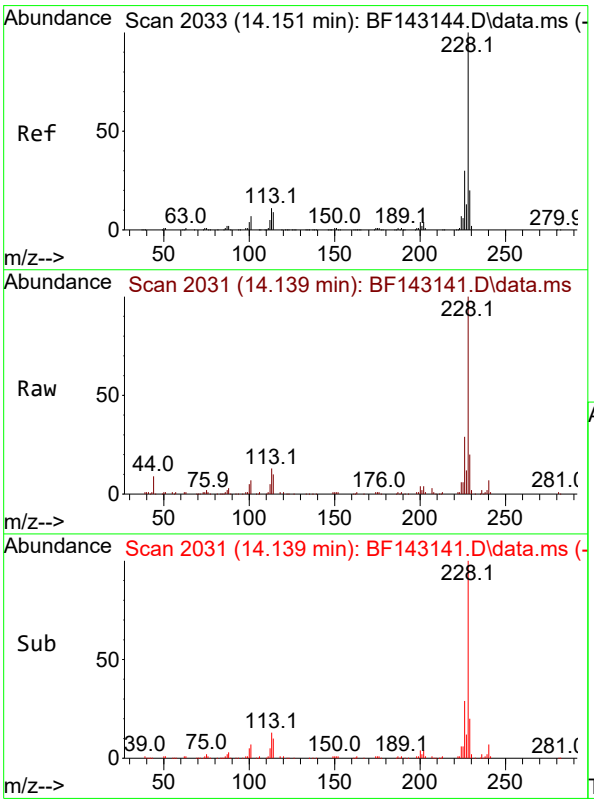
Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.7	32.5
229	19.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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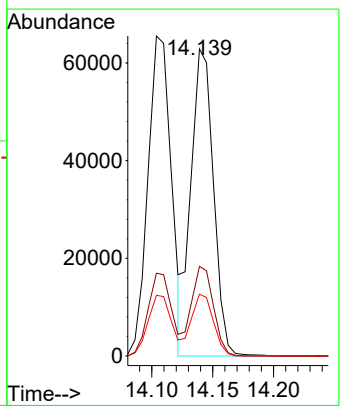
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

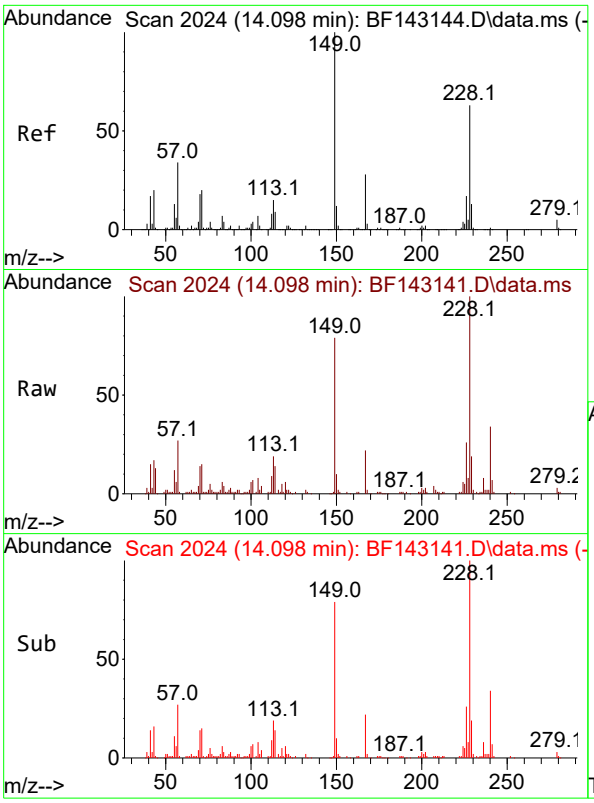


#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:228 Resp: 81091

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	20.1	15.6	23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

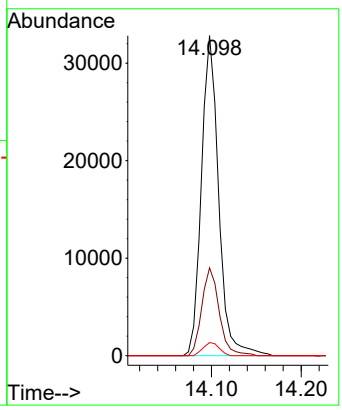
Tgt Ion:149 Resp: 4373

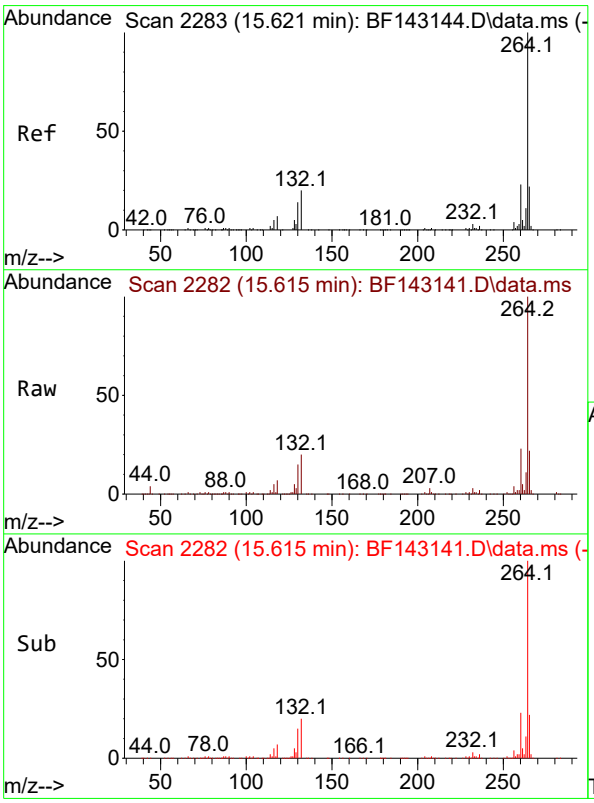
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.3	33.5
279	4.1	3.6	5.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

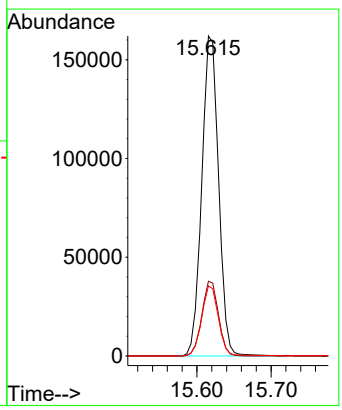


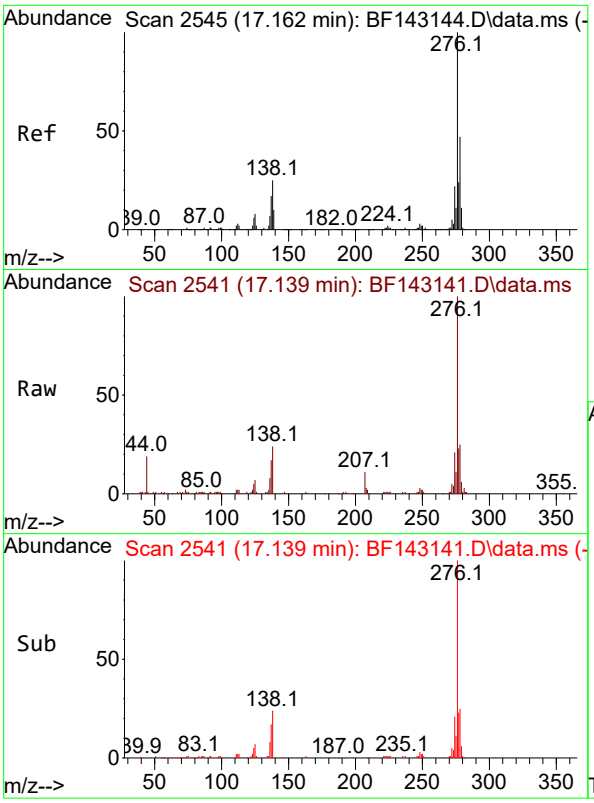


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:264 Resp: 255898

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.9	17.4	26.2

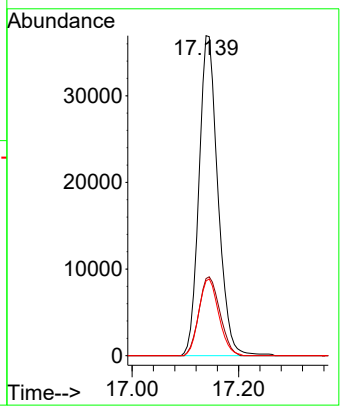




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 9107

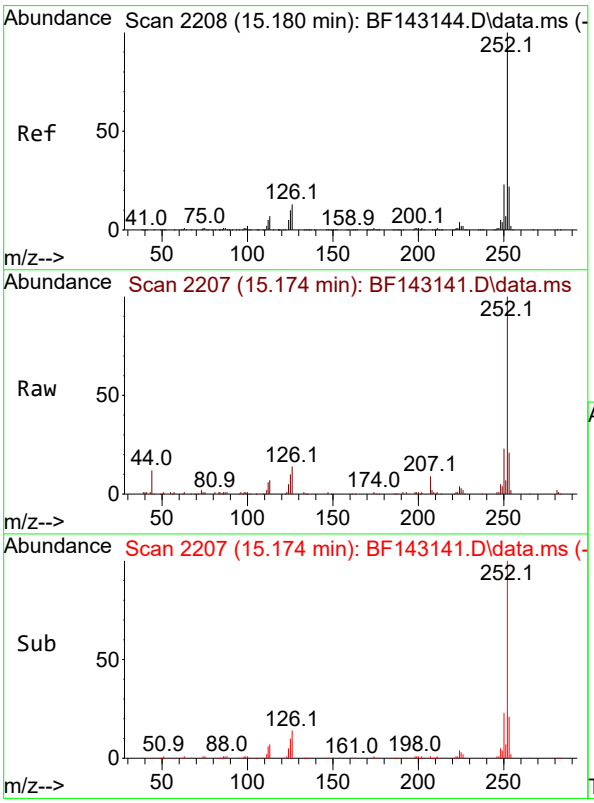
Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

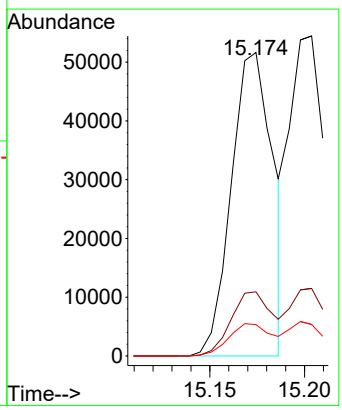
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

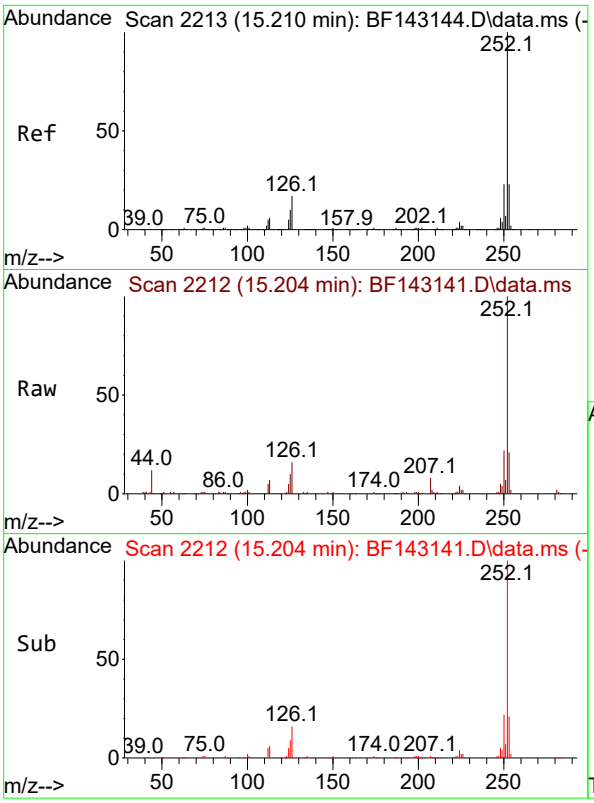


#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 78749

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	10.3	8.0	12.0

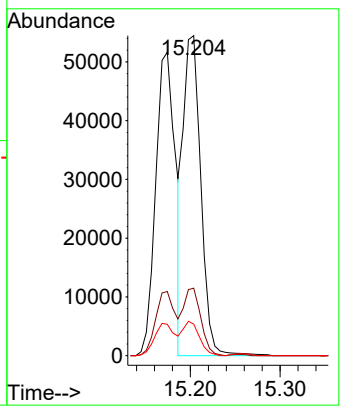




#89
Benzo(k)fluoranthene
Concen: 5.358 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 7473

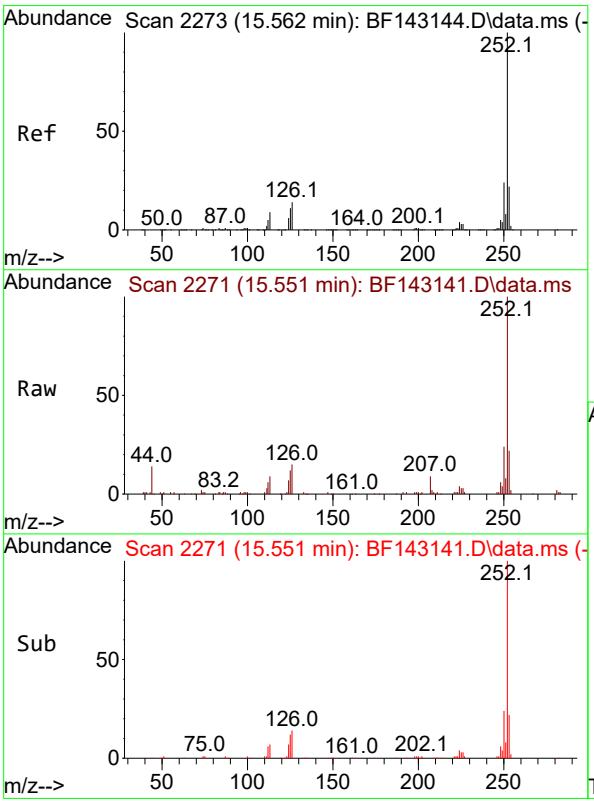
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	9.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

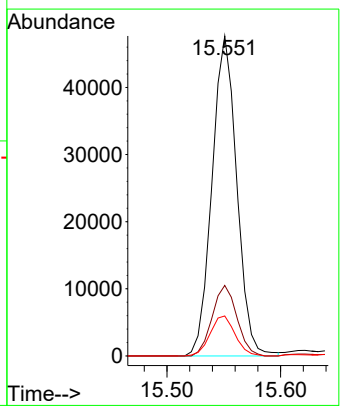
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

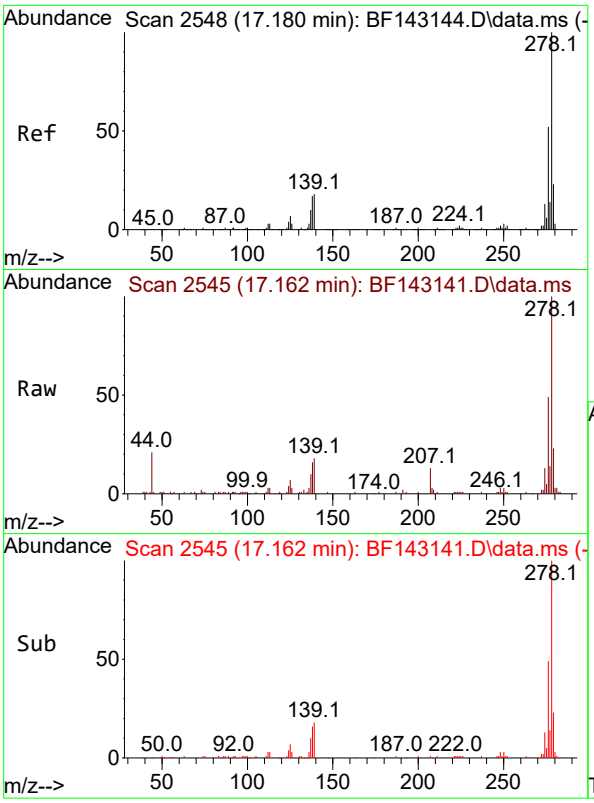


#90
Benzo(a)pyrene
Concen: 5.012 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 72196

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.5	8.6	13.0

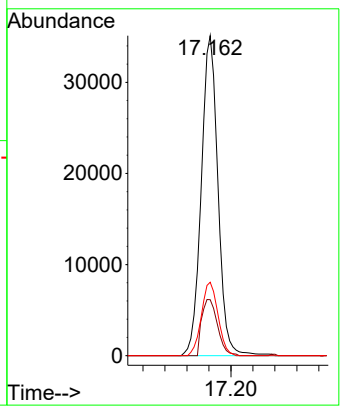




#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:278 Resp: 7412

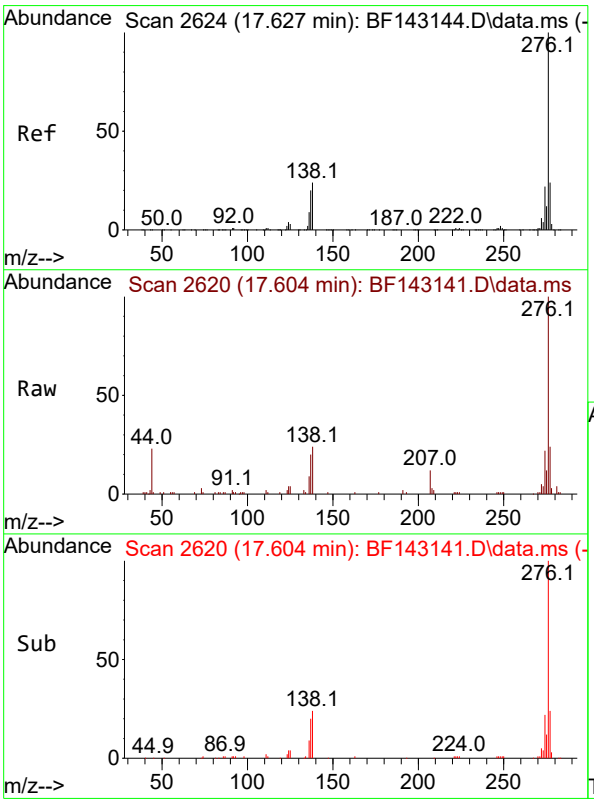
Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	22.9	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

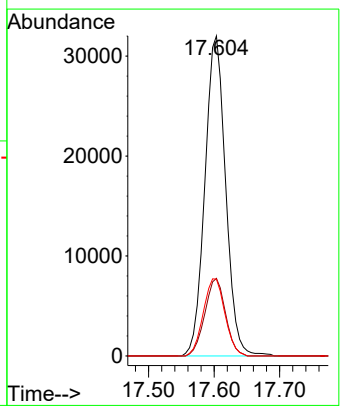
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 4.955 ng
RT: 17.604 min Scan# 2620
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 70403

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	24.0	18.9	28.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	140410	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	545730	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	282580	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	461255	20.000	ng		0.00
76) Chrysene-d12	14.116	240	254650	20.000	ng		0.00
86) Perylene-d12	15.621	264	273706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	184363	20.778	ng		0.00
7) Phenol-d6	6.569	99	230206	20.613	ng		-0.02
23) Nitrobenzene-d5	7.510	82	215086m	19.646	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	56961	19.512	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	464669	22.489	ng		0.00
79) Terphenyl-d14	13.063	244	370808	21.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	40860	9.732	ng		98
3) Pyridine	3.587	79	109317	10.032	ng		100
4) n-Nitrosodimethylamine	3.510	42	54487	9.684	ng		98
6) Aniline	6.616	93	158580	10.188	ng		99
8) 2-Chlorophenol	6.740	128	94265	10.135	ng		98
9) Benzaldehyde	6.510	77	81897	9.779	ng		100
10) Phenol	6.587	94	124080m	10.198	ng		
11) bis(2-Chloroethyl)ether	6.687	93	94260	10.119	ng		99
12) 1,3-Dichlorobenzene	6.904	146	106226	10.514	ng		97
13) 1,4-Dichlorobenzene	6.981	146	106581	10.475	ng		99
14) 1,2-Dichlorobenzene	7.134	146	99226	10.253	ng		99
15) Benzyl Alcohol	7.087	79	85240	9.996	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	179226	10.371	ng		99
17) 2-Methylphenol	7.198	107	78001	9.974	ng		99
18) Hexachloroethane	7.481	117	34985	9.932	ng		99
19) n-Nitroso-di-n-propyla...	7.357	70	73815	10.302	ng		97
20) 3+4-Methylphenols	7.345	107	103018	10.858	ng		91
22) Acetophenone	7.357	105	137532	10.645	ng	#	98
24) Nitrobenzene	7.534	77	100837	9.879	ng		98
25) Isophorone	7.769	82	192895	9.981	ng		100
26) 2-Nitrophenol	7.851	139	38451	8.680	ng		96
27) 2,4-Dimethylphenol	7.881	122	92724	10.269	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	119320	10.297	ng		98
29) 2,4-Dichlorophenol	8.087	162	76847	10.091	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	83842	10.191	ng		100
31) Naphthalene	8.263	128	283107	10.534	ng		99
32) Benzoic acid	7.928	122	28431m	10.113	ng		
33) 4-Chloroaniline	8.304	127	113797	10.369	ng		100
34) Hexachlorobutadiene	8.386	225	51715	10.290	ng		99
35) Caprolactam	8.634	113	21157	9.194	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	84647	10.227	ng		98
37) 2-Methylnaphthalene	8.951	142	172865	10.570	ng		100
38) 1-Methylnaphthalene	9.051	142	177917	10.564	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	84494	10.357	ng		99
41) Hexachlorocyclopentadiene	9.116	237	47577	8.963	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	57396	10.165	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	54716	9.688	ng		97
46) 1,1'-Biphenyl	9.416	154	235467	10.680	ng		100
47) 2-Chloronaphthalene	9.439	162	172831	10.595	ng		98
48) 2-Nitroaniline	9.528	65	47055	9.198	ng		99
49) Acenaphthylene	9.857	152	289989	10.607	ng		98
50) Dimethylphthalate	9.704	163	189399	10.283	ng		99
51) 2,6-Dinitrotoluene	9.763	165	35364	9.438	ng		93
52) Acenaphthene	10.028	154	168698	10.440	ng		99
53) 3-Nitroaniline	9.933	138	42367	9.667	ng		97
54) 2,4-Dinitrophenol	10.033	184	7147	10.522	ng	#	1
55) Dibenzofuran	10.198	168	255272	10.641	ng		99
56) 4-Nitrophenol	10.075	139	28233	8.627	ng		98
57) 2,4-Dinitrotoluene	10.169	165	41815	8.895	ng		98
58) Fluorene	10.545	166	198041	10.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	46720	9.986	ng		99
60) Diethylphthalate	10.410	149	186802	10.261	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	94685	10.561	ng		97
62) 4-Nitroaniline	10.539	138	35962	9.574	ng		98
63) Azobenzene	10.692	77	197998	10.435	ng		99
65) 4,6-Dinitro-2-methylph...	10.575	198	12541	10.014	ng		94
66) n-Nitrosodiphenylamine	10.645	169	167901	10.337	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	54849	9.978	ng		97
68) Hexachlorobenzene	11.092	284	57305	9.974	ng		97
69) Atrazine	11.169	200	43045	9.613	ng		98
70) Pentachlorophenol	11.280	266	27529	8.148	ng		99
71) Phenanthrene	11.504	178	253750	10.361	ng		99
72) Anthracene	11.557	178	261960	10.487	ng		99
73) Carbazole	11.704	167	223376	10.241	ng		100
74) Di-n-butylphthalate	12.039	149	243142	9.852	ng		100
75) Fluoranthene	12.692	202	227701	10.129	ng		99
77) Benzidine	12.804	184	96484	9.834	ng		99
78) Pyrene	12.922	202	227008	10.445	ng		100
80) Butylbenzylphthalate	13.539	149	60055	9.024	ng		98
81) Benzo(a)anthracene	14.110	228	174020	10.207	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	55694	9.802	ng		97
83) Chrysene	14.145	228	149446	9.750	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	96191	9.549	ng		97
85) Di-n-octyl phthalate	14.710	149	162156	8.881	ng		99
87) Indeno(1,2,3-cd)pyrene	17.145	276	182869	9.475	ng		99
88) Benzo(b)fluoranthene	15.174	252	155430	9.296	ng		99
89) Benzo(k)fluoranthene	15.204	252	157663	10.567	ng		100
90) Benzo(a)pyrene	15.551	252	150853	9.792	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	150977	9.611	ng		100
92) Benzo(g,h,i)perylene	17.609	276	143342	9.433	ng		99

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

ICAL Form

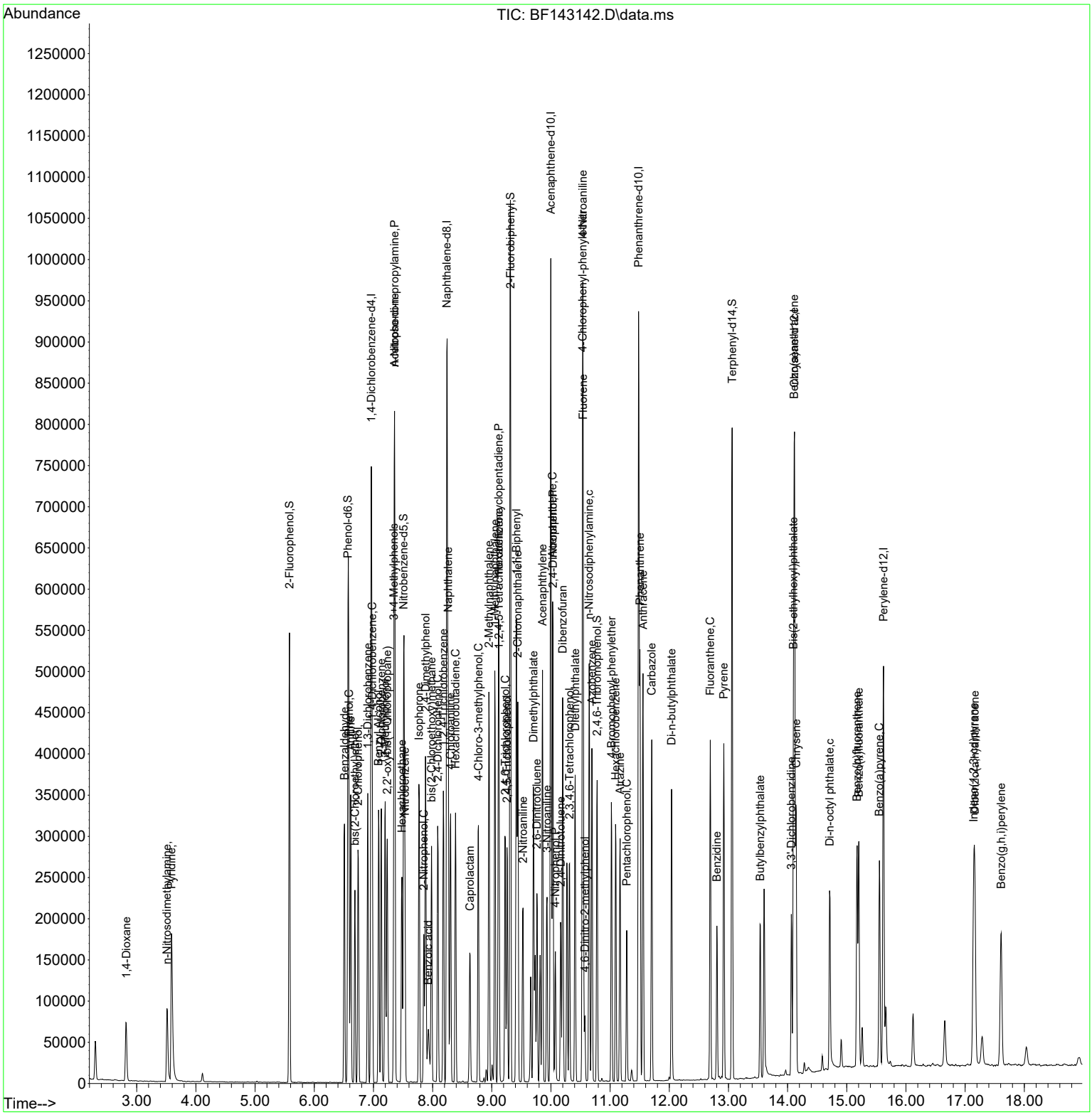
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Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

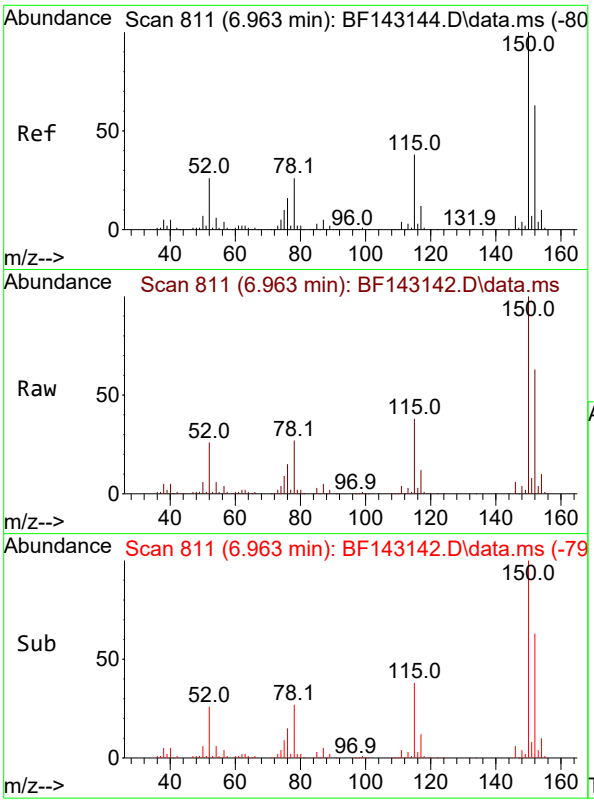
Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

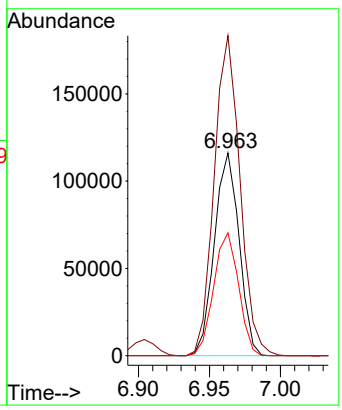




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:152 Resp: 14041

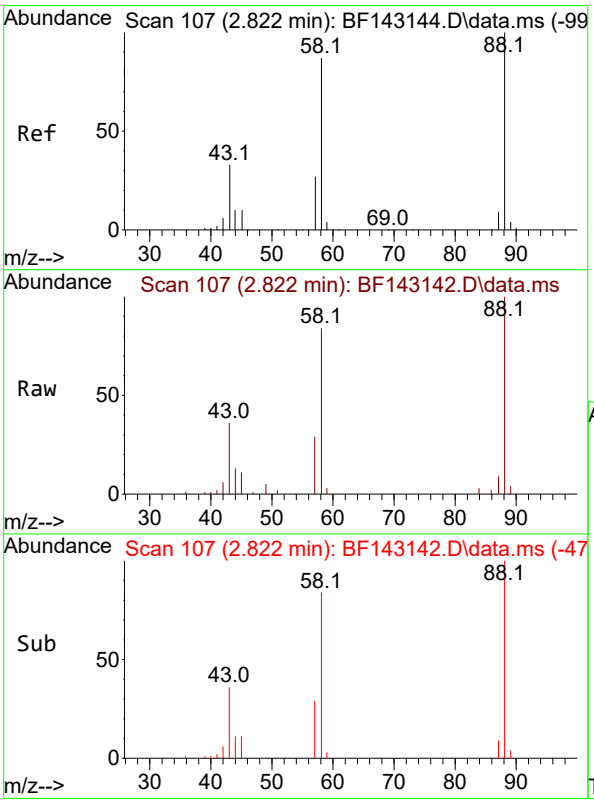
Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.2	192.4
115	60.6	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

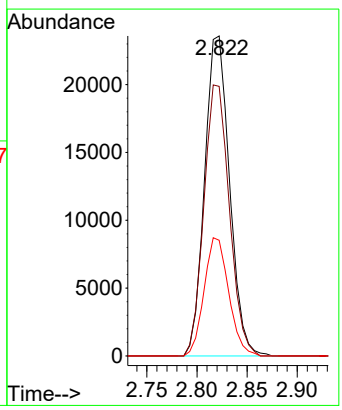
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

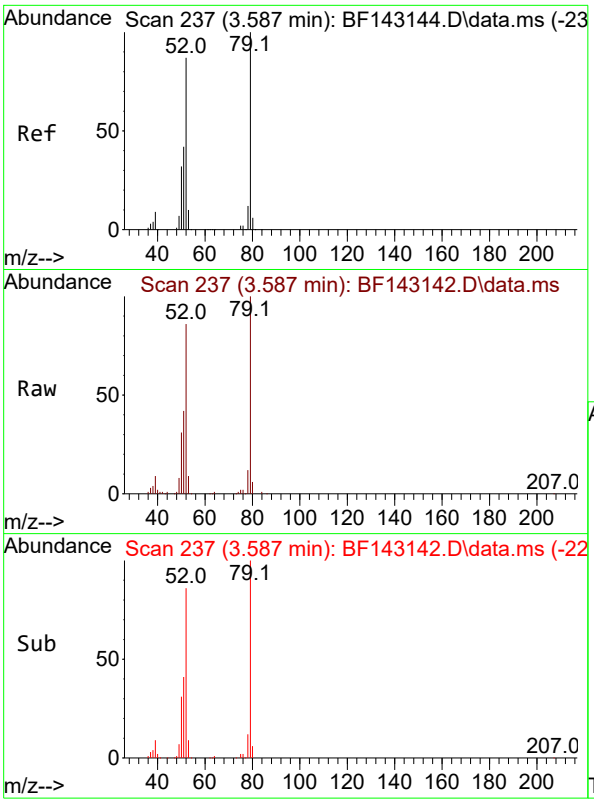


#2
1,4-Dioxane
Concen: 9.732 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 88 Resp: 40860

Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.2	105.2
43	36.5	27.1	40.7

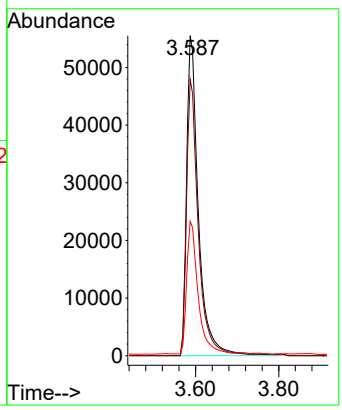




#3
Pyridine
Concen: 10.032 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 79 Resp: 10931

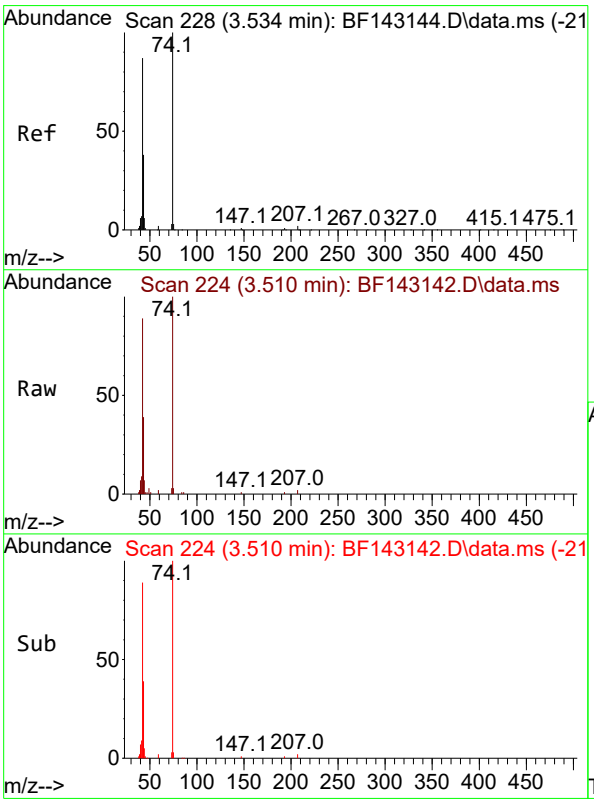
Ion	Ratio	Lower	Upper
79	100		
52	86.3	69.4	104.2
51	42.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

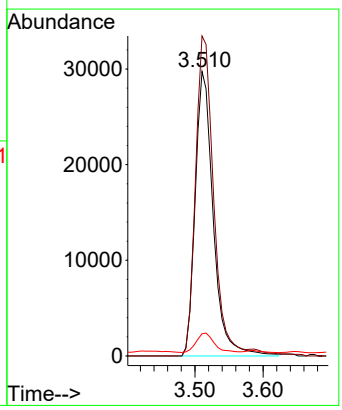
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

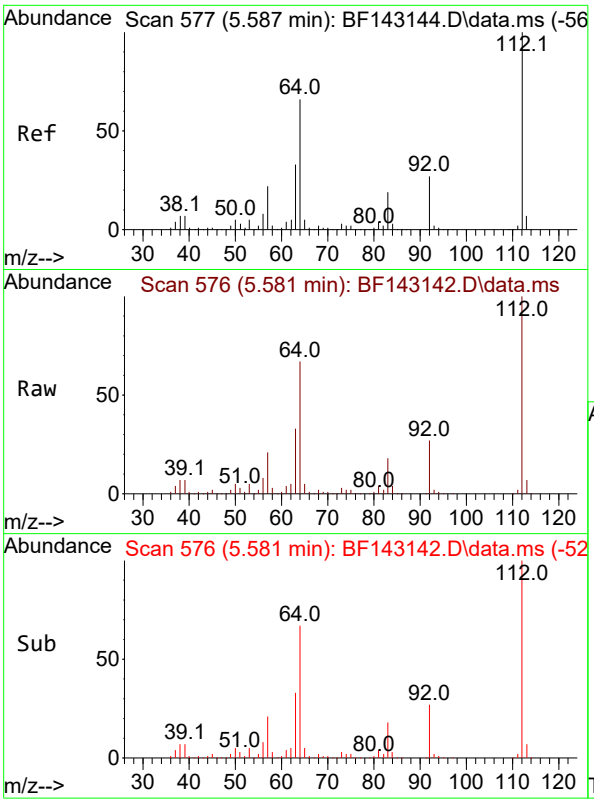


#4
n-Nitrosodimethylamine
Concen: 9.684 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 42 Resp: 54487

Ion	Ratio	Lower	Upper
42	100		
74	112.5	91.7	137.5
44	7.8	5.6	8.4

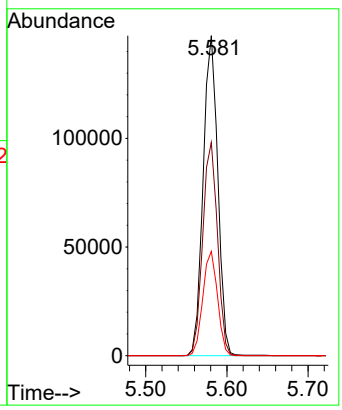




#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:112 Resp: 18436

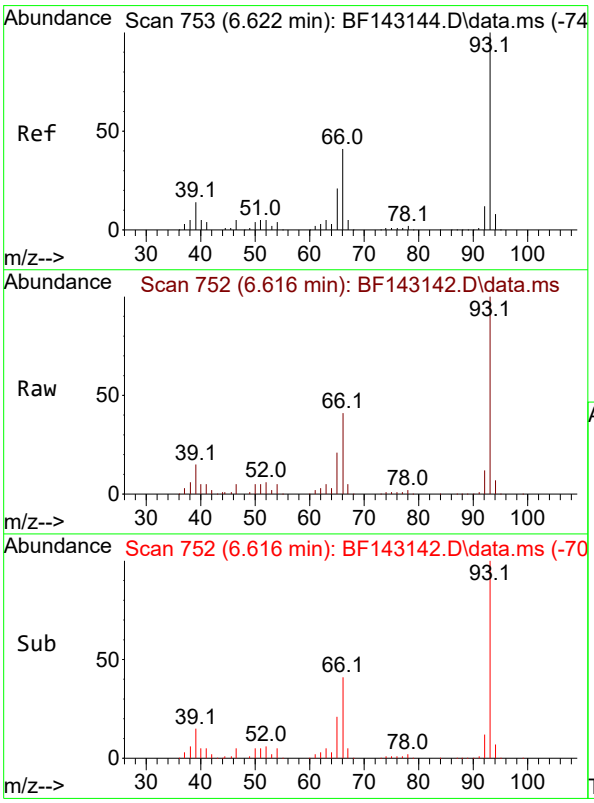
Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	32.6	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

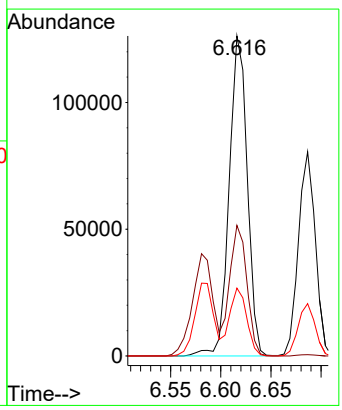
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

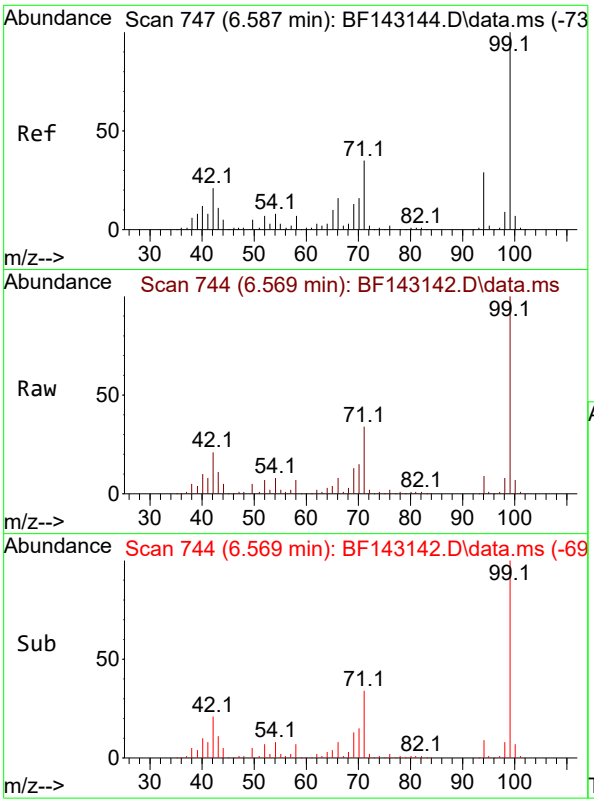


#6
Aniline
Concen: 10.188 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 158580

Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.2	49.8
65	21.2	16.9	25.3

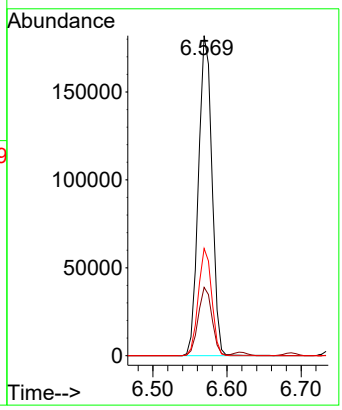




#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 99 Resp: 23020

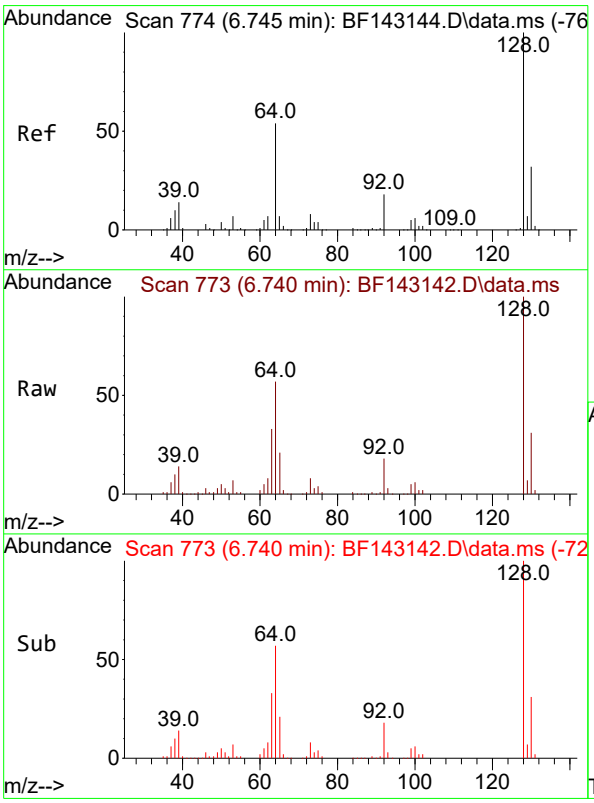
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.5	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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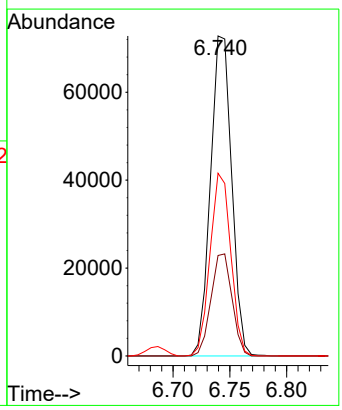
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

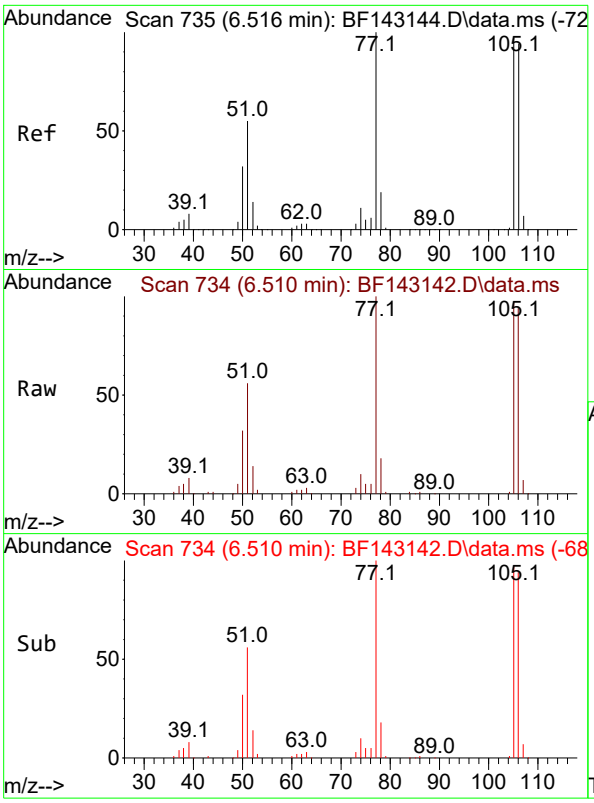


#8
2-Chlorophenol
Concen: 10.135 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 94265

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.3	52.3
64	57.1	35.9	75.9

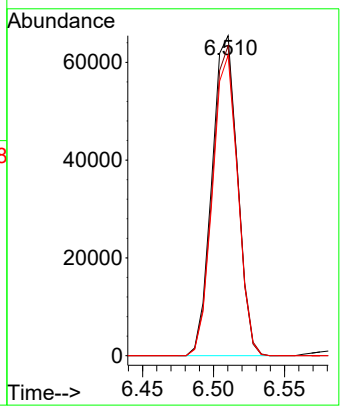




#9
Benzaldehyde
Concen: 9.779 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 8189

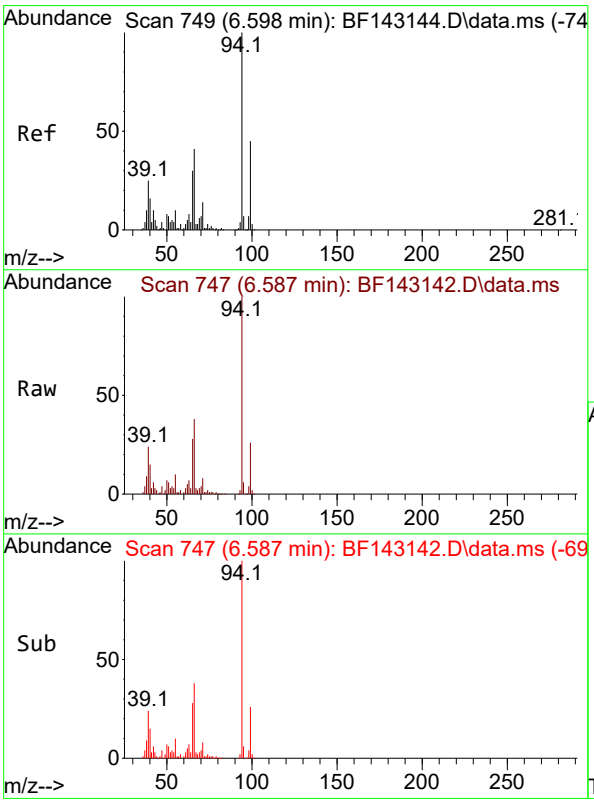
Ion	Ratio	Lower	Upper
77	100		
105	96.9	76.8	116.8
106	93.9	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

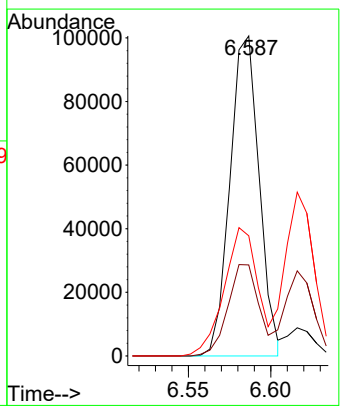
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

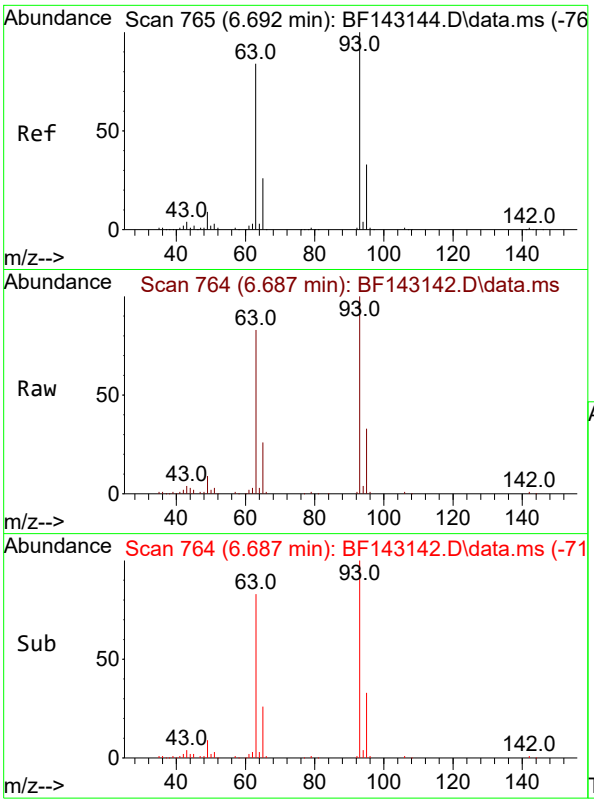


#10
Phenol
Concen: 10.198 ng m
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 94 Resp: 124080

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.0	50.0
66	37.5	20.8	60.8

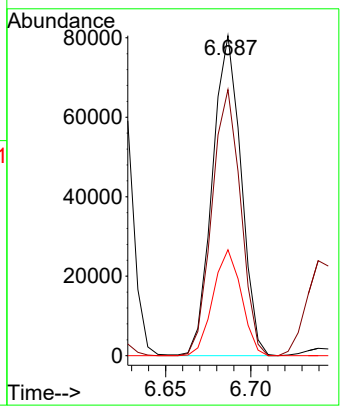




#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 9426

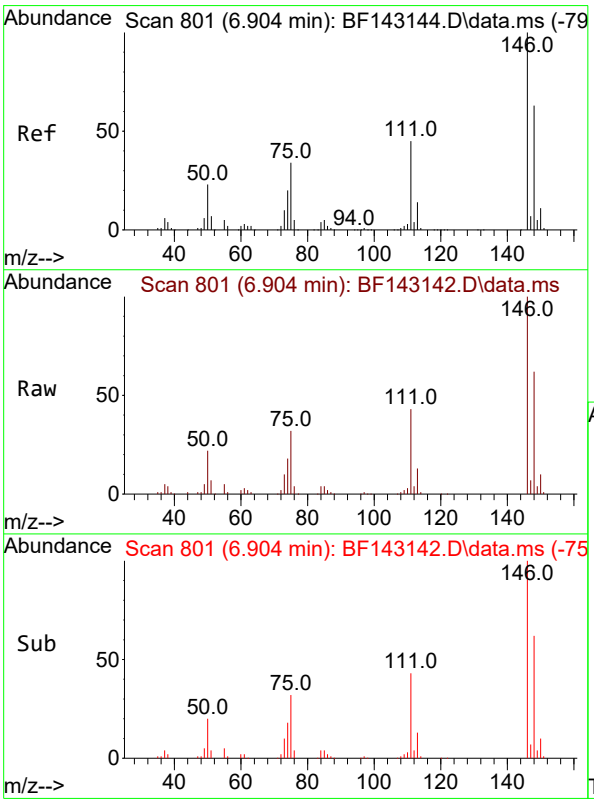
Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.4	103.4
95	33.1	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

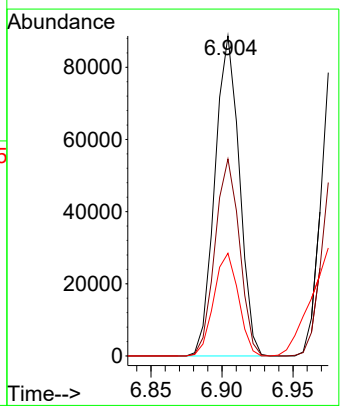
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

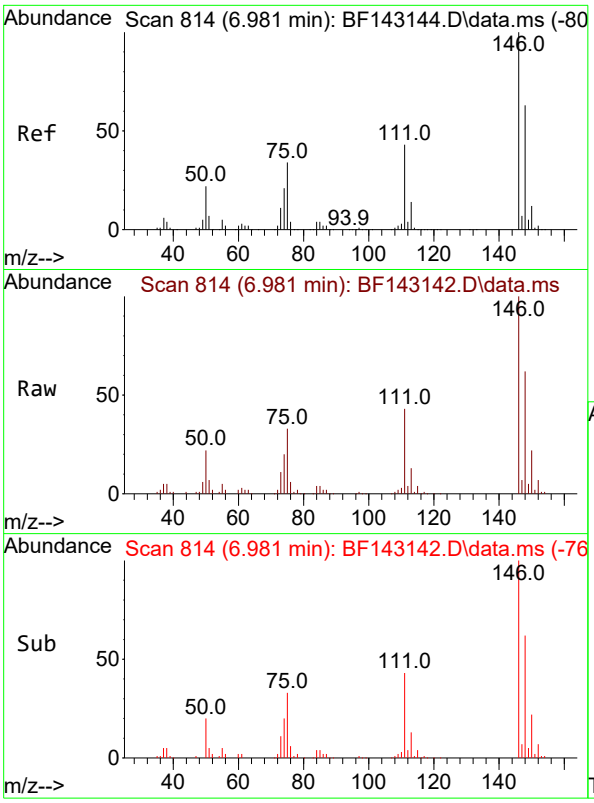


#12
1,3-Dichlorobenzene
Concen: 10.514 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 106226

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	76.0
75	32.1	27.4	41.2

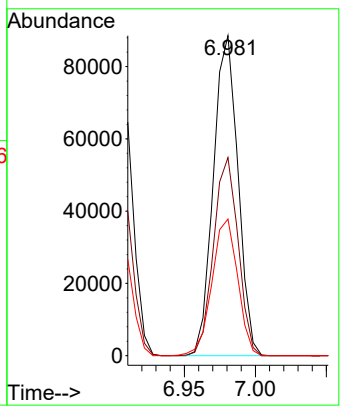




#13
1,4-Dichlorobenzene
Concen: 10.475 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 10658

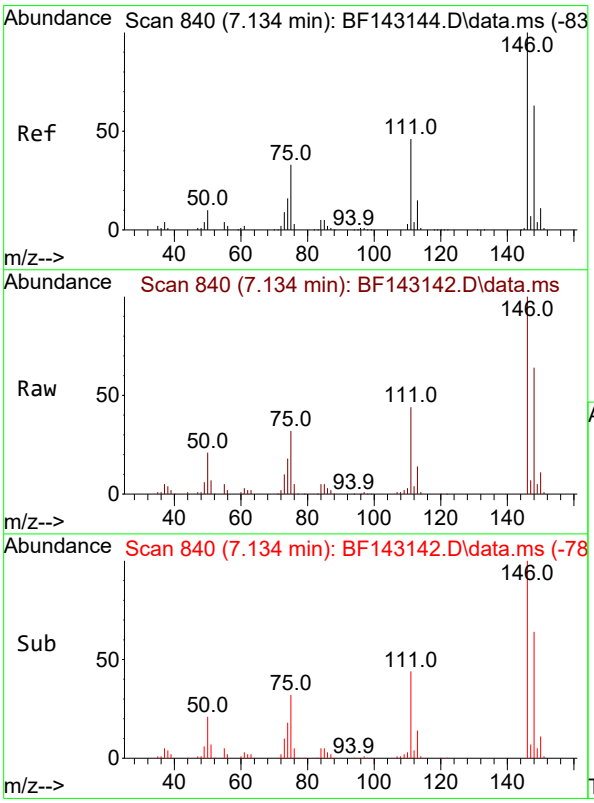
Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.3	75.5
111	42.7	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

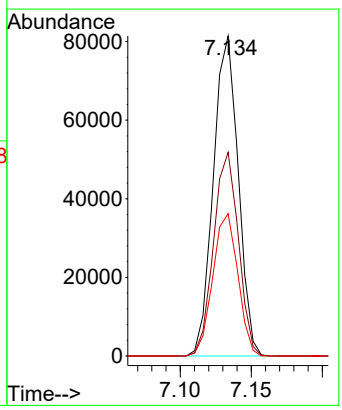
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

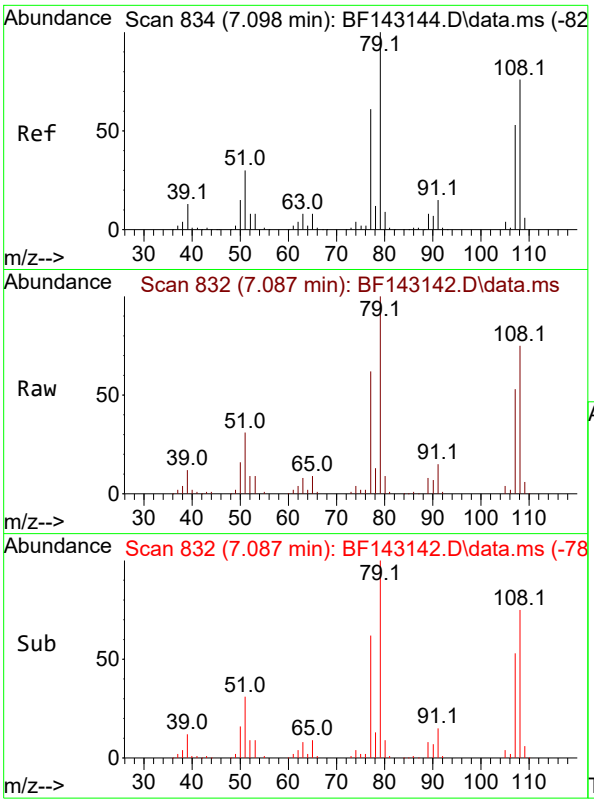


#14
1,2-Dichlorobenzene
Concen: 10.253 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 99226

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.5	36.6	54.8





#15
Benzyl Alcohol
Concen: 9.996 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

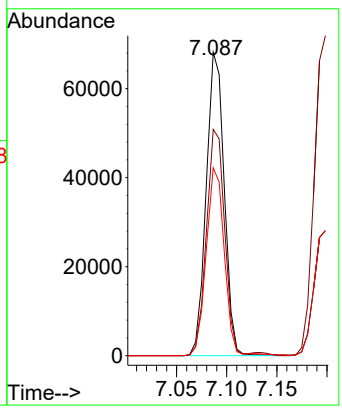
Tgt Ion: 79 Resp: 8524

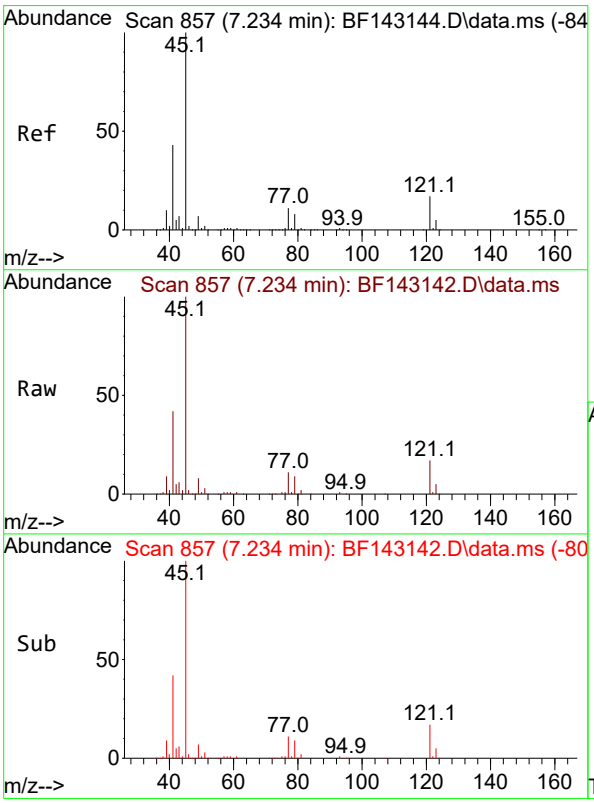
Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.1	91.7
77	61.9	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

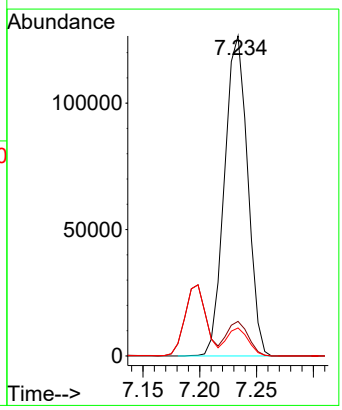


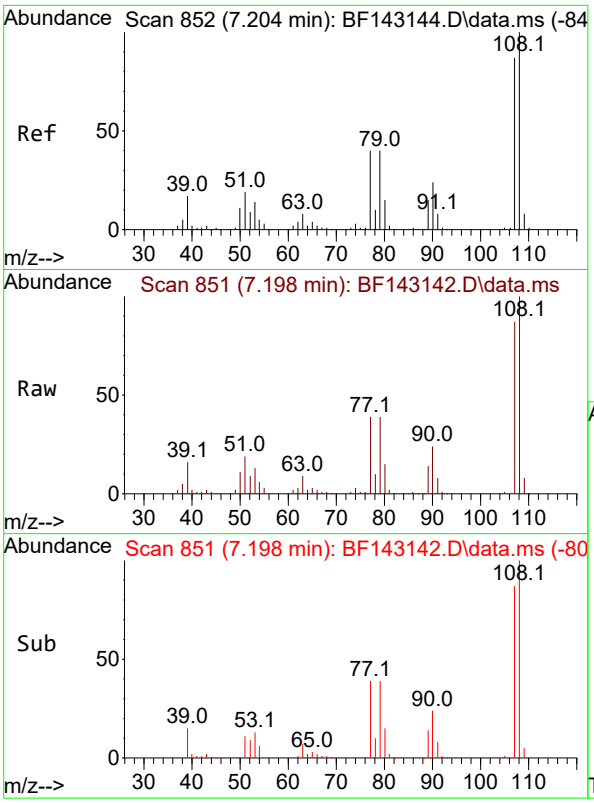


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.371 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 45 Resp: 179226

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.2
79	8.7	0.0	28.5

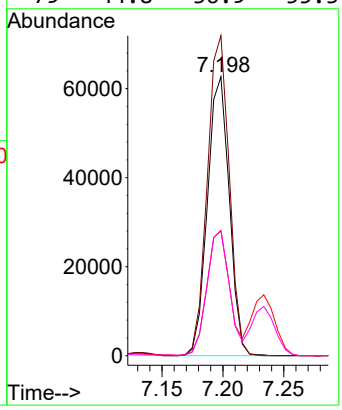




#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 7800

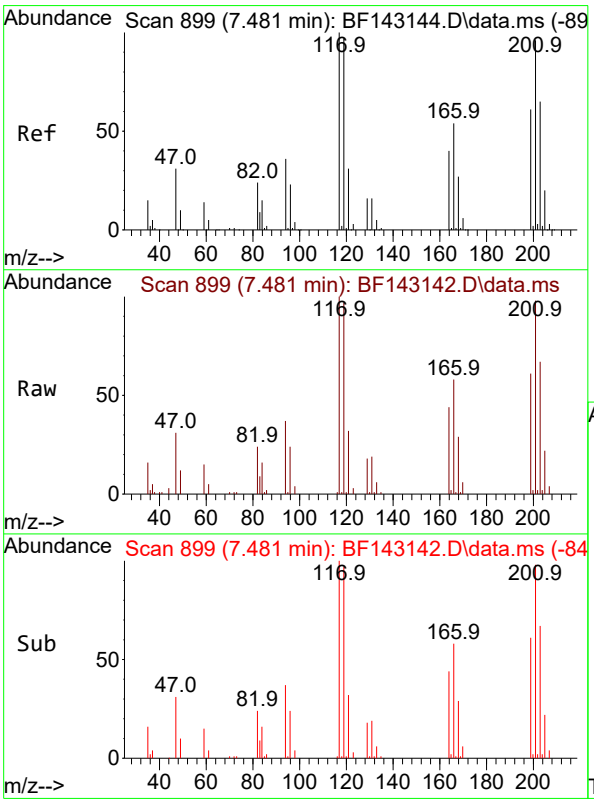
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.8	137.6
77	45.0	37.0	55.6
79	44.8	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

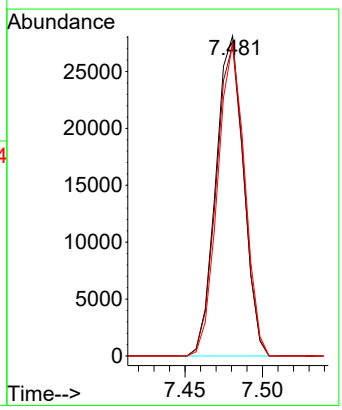
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

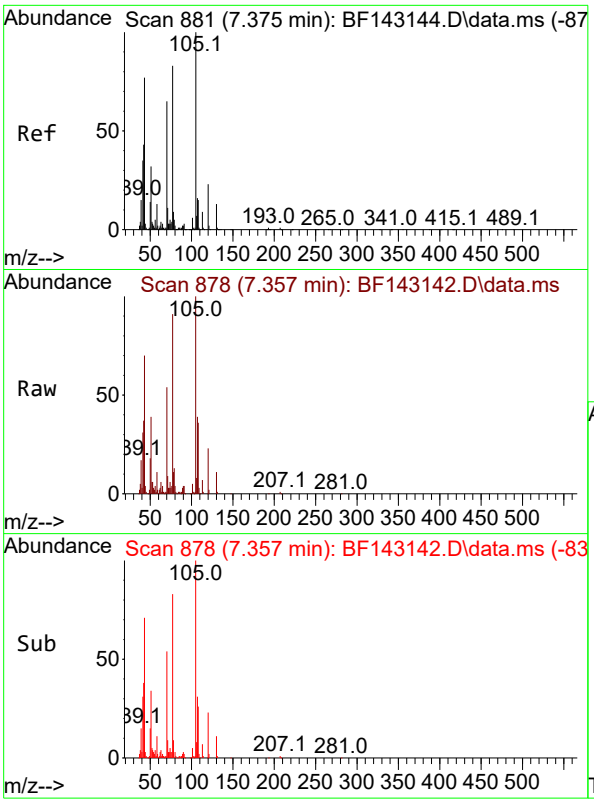


#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:117 Resp: 34985

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.8
201	97.7	77.0	115.4

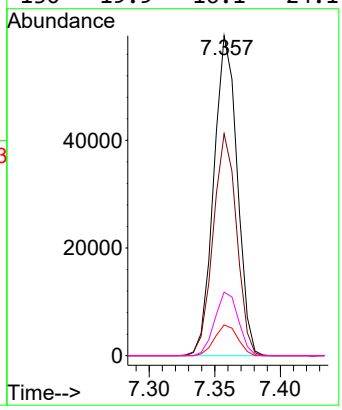




#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 70 Resp: 7381

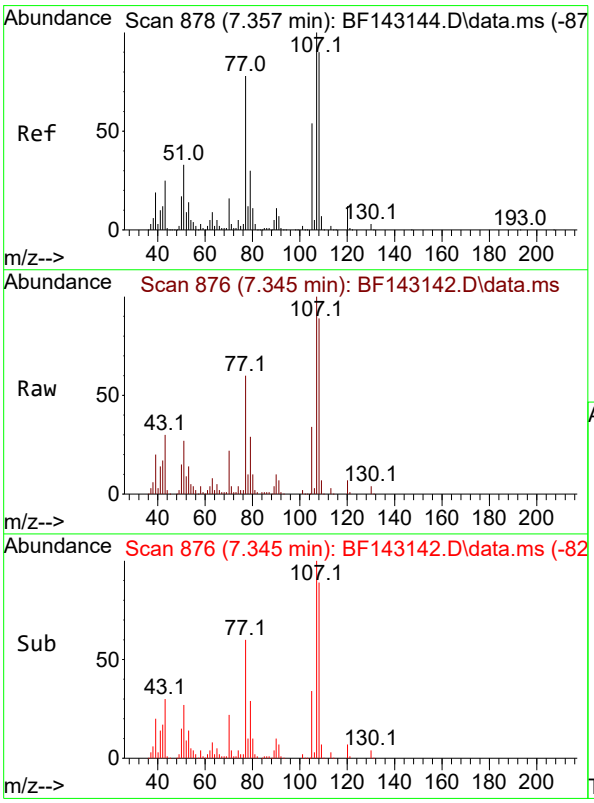
Ion	Ratio	Lower	Upper
70	100		
42	69.4	52.5	78.7
101	9.6	7.6	11.4
130	19.9	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

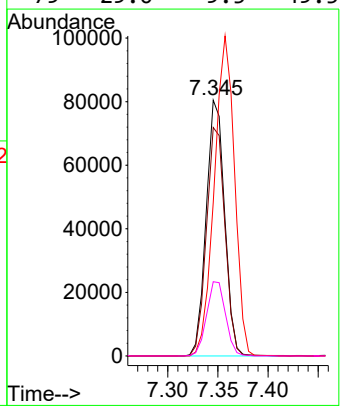
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

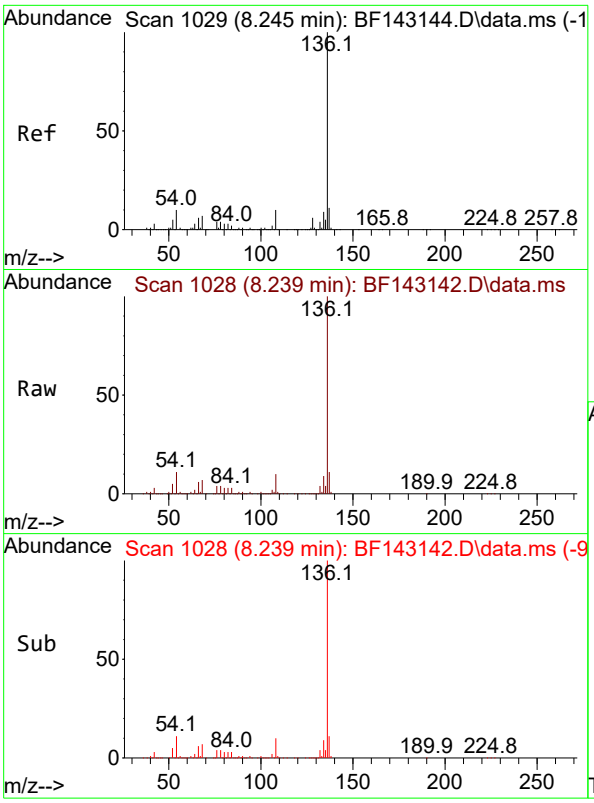


#20
3+4-Methylphenols
Concen: 10.858 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	60.0	57.8	97.8
79	29.0	9.5	49.5

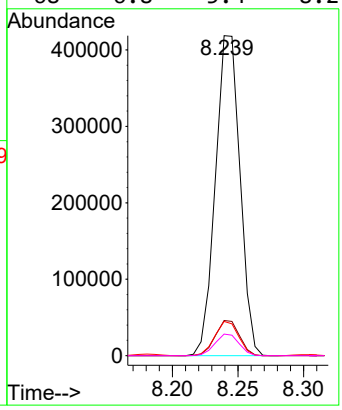




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:136 Resp: 54573

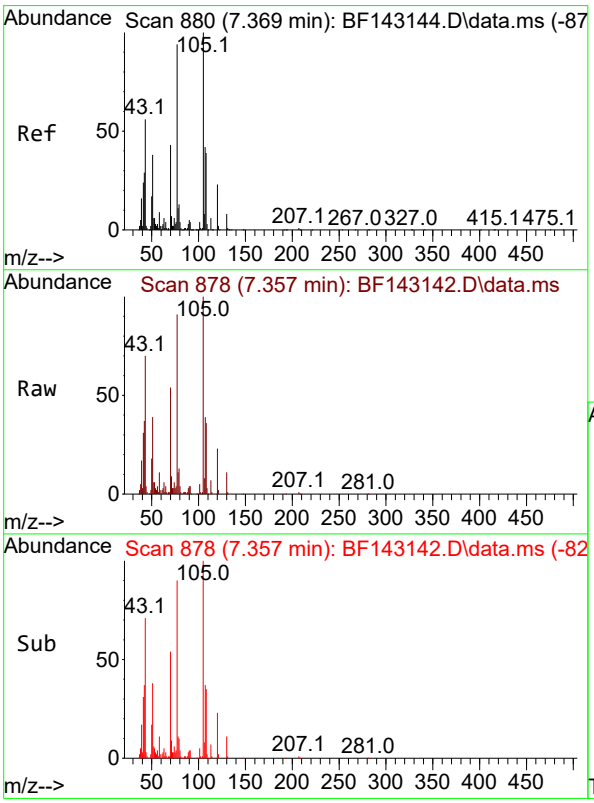
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.7	8.2	12.2
68	6.8	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

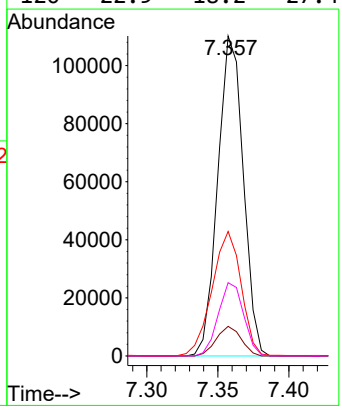
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

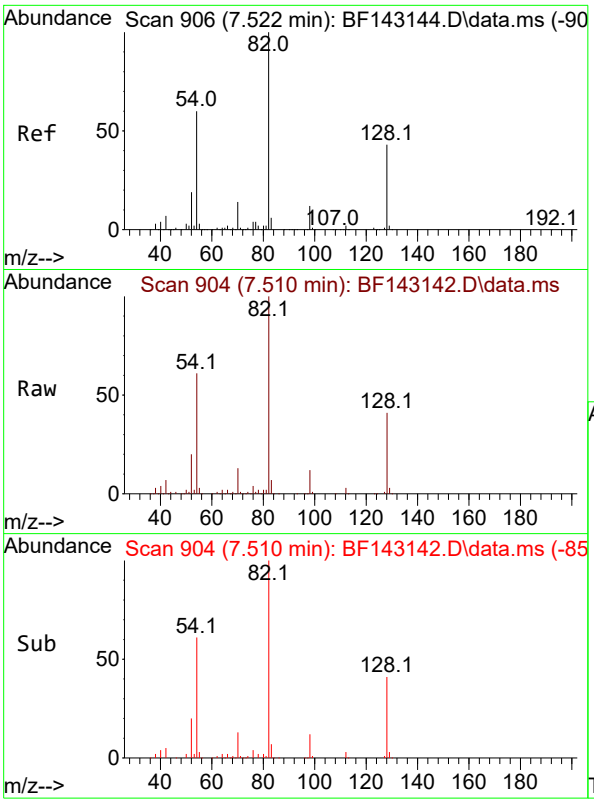


#22
Acetophenone
Concen: 10.645 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:105 Resp: 137532

Ion	Ratio	Lower	Upper
105	100		
71	9.3	5.8	8.6#
51	38.9	30.2	45.2
120	22.9	18.2	27.4

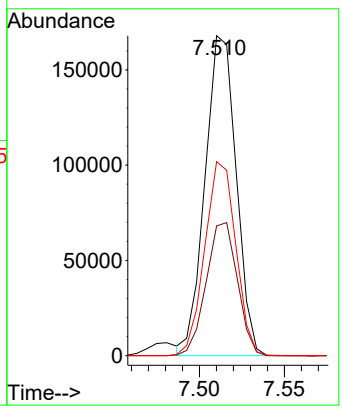




#23
Nitrobenzene-d5
Concen: 19.646 ng m
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 82 Resp: 21508

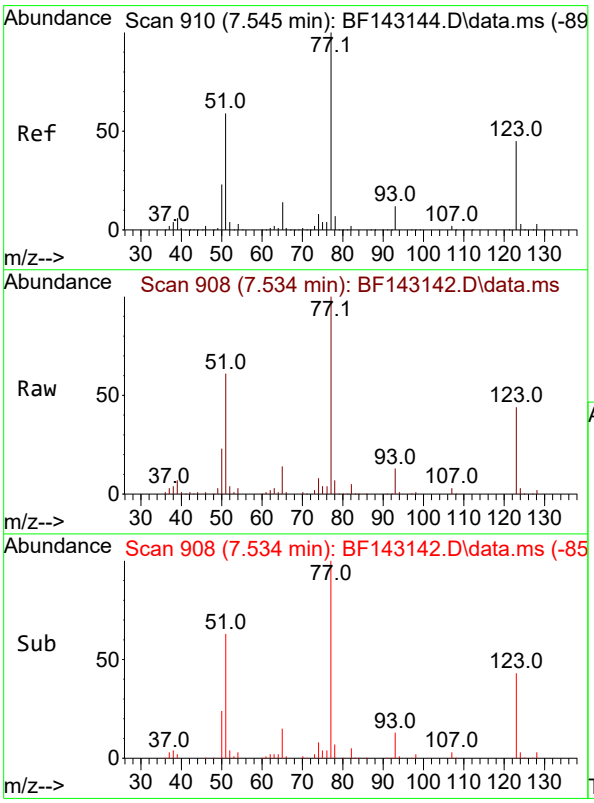
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.6	50.4
54	60.7	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

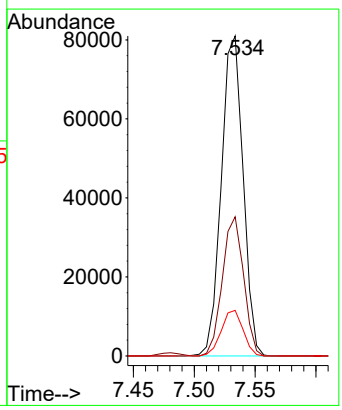
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

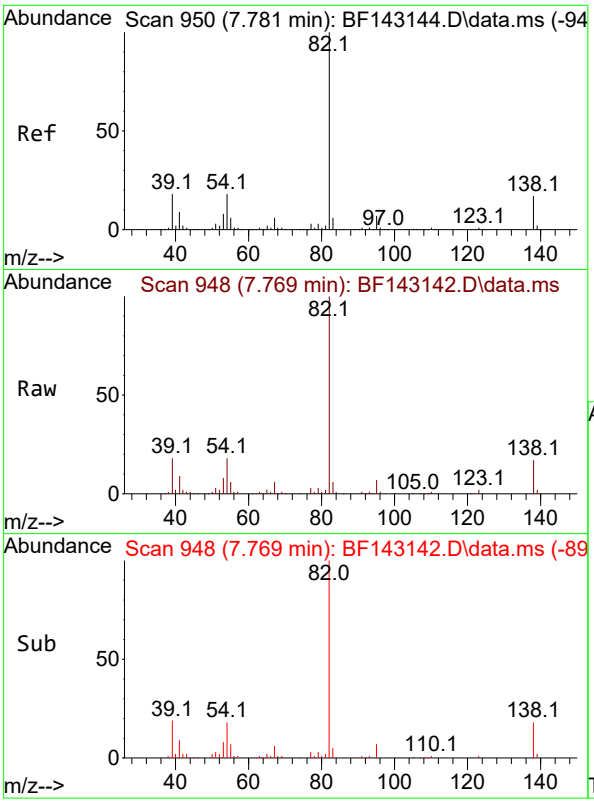


#24
Nitrobenzene
Concen: 9.879 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 100837

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.2	11.4	17.2





#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

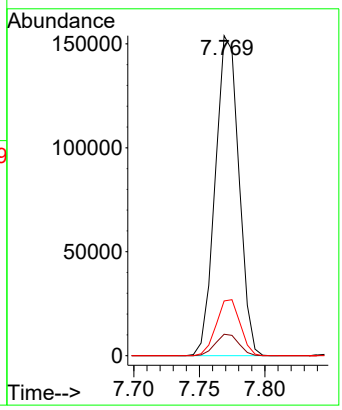
Tgt Ion: 82 Resp: 19289

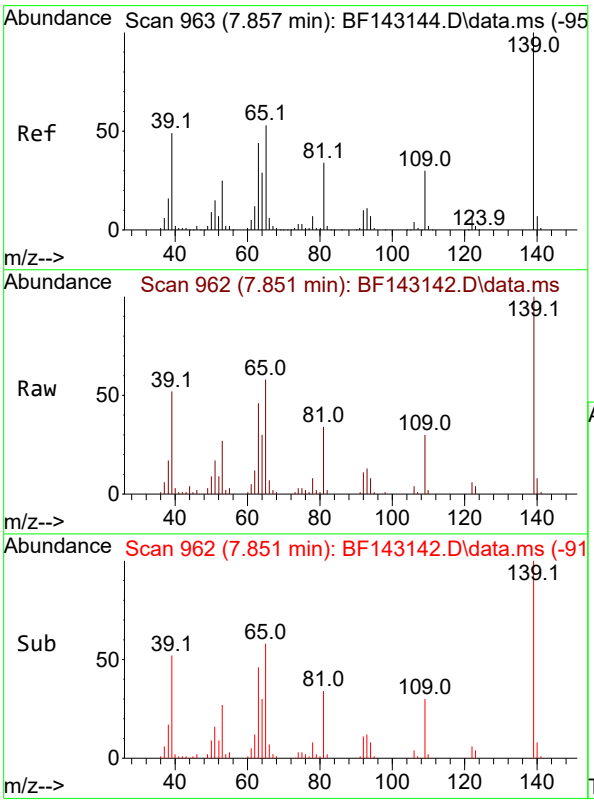
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.1	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

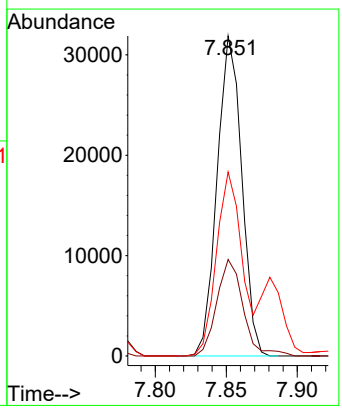


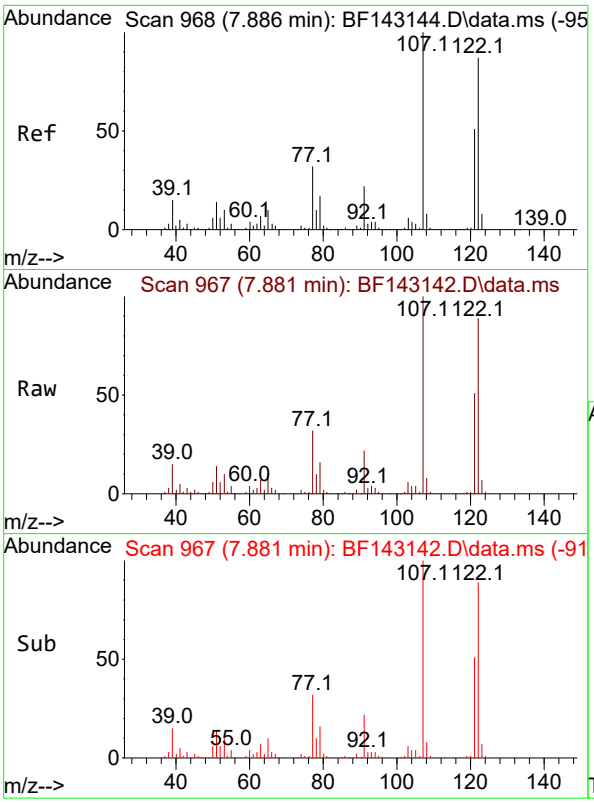


#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 38451

Ion	Ratio	Lower	Upper
139	100		
109	30.2	23.6	35.4
65	57.5	42.6	64.0

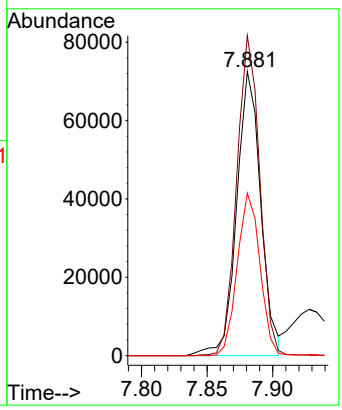




#27
2,4-Dimethylphenol
Concen: 10.269 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 9272

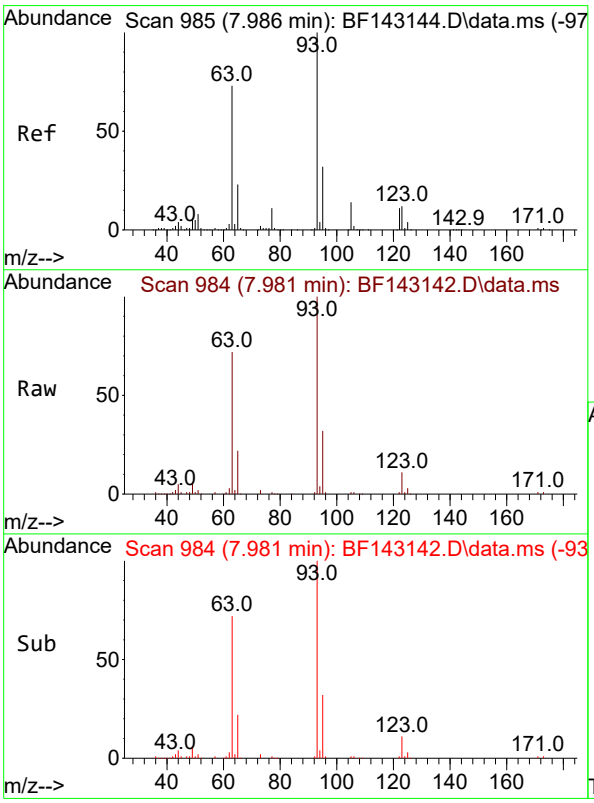
Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.8	137.6
121	57.2	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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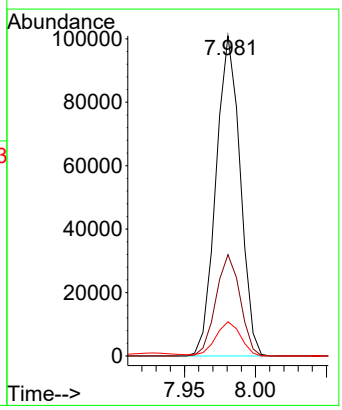
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

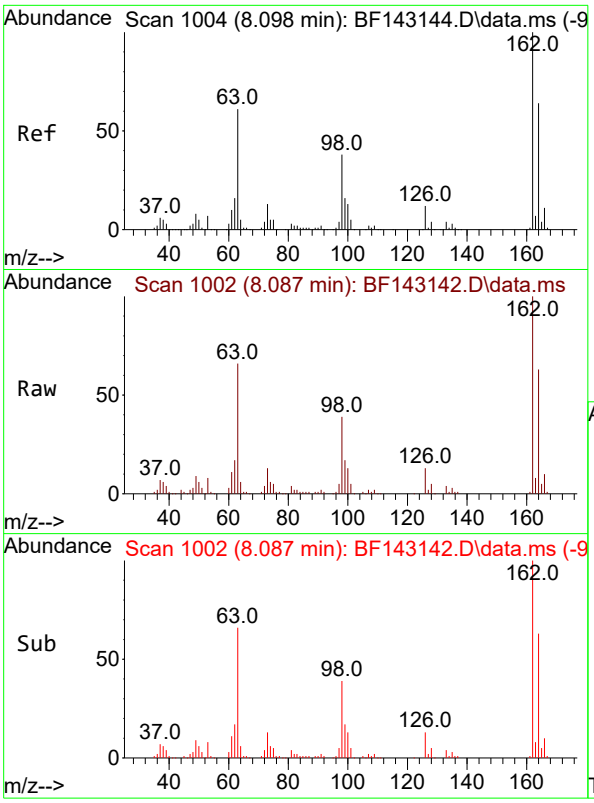


#28
bis(2-Chloroethoxy)methane
Concen: 10.297 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 119320

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.6
123	10.7	9.7	14.5

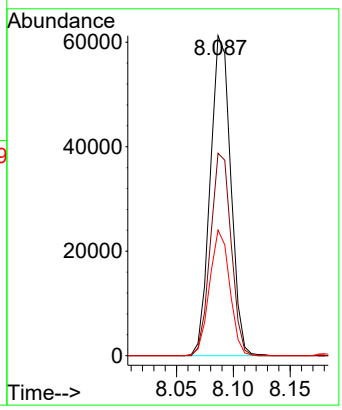




#29
2,4-Dichlorophenol
Concen: 10.091 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:162 Resp: 7684

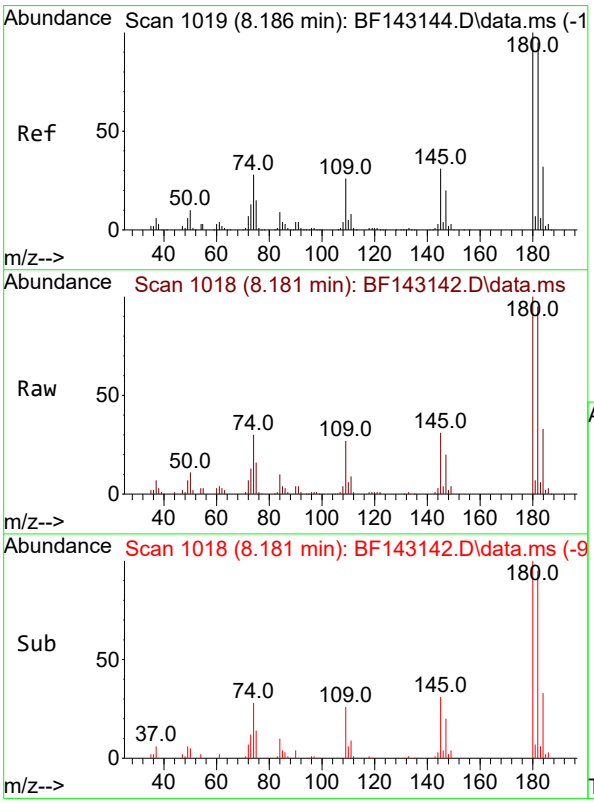
Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.2	84.2
98	39.2	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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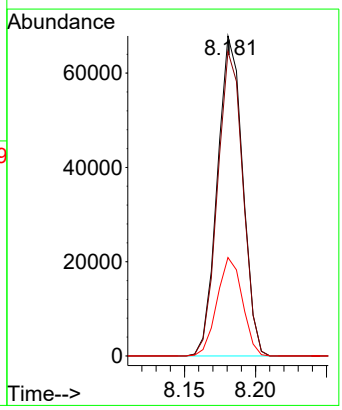
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

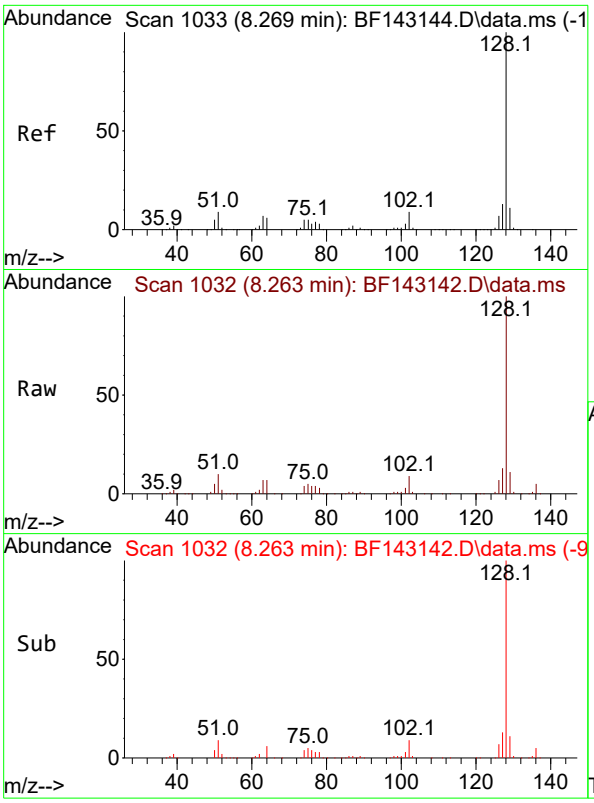


#30
1,2,4-Trichlorobenzene
Concen: 10.191 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:180 Resp: 83842

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	30.7	25.0	37.6

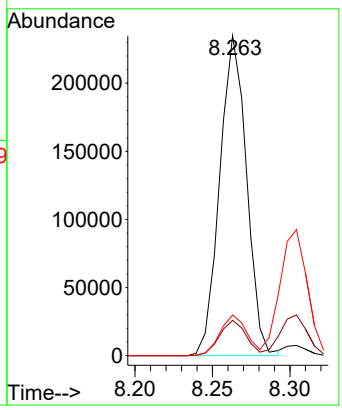




#31
Naphthalene
Concen: 10.534 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 28310

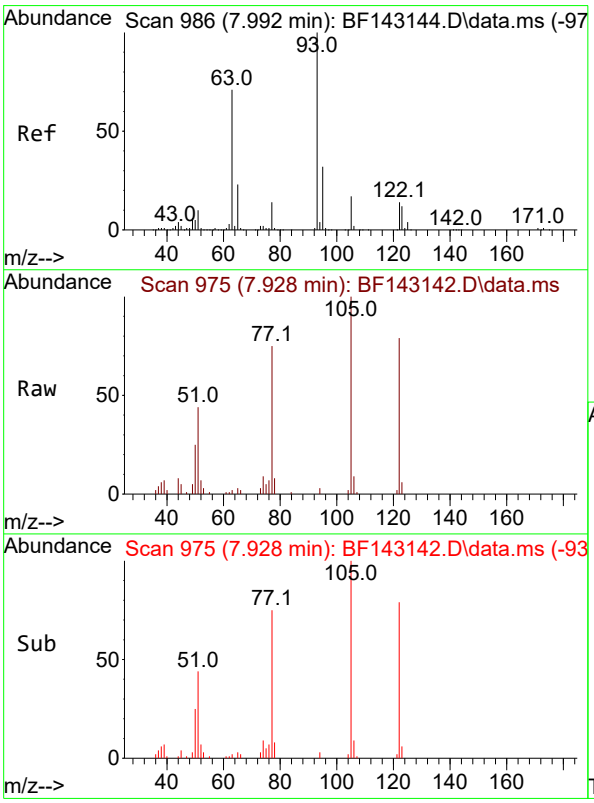
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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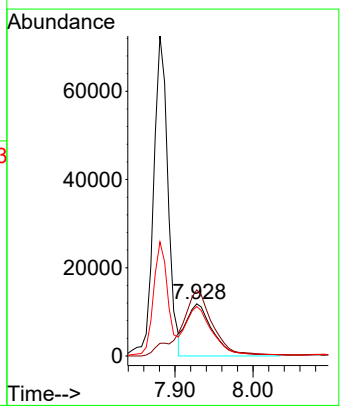
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

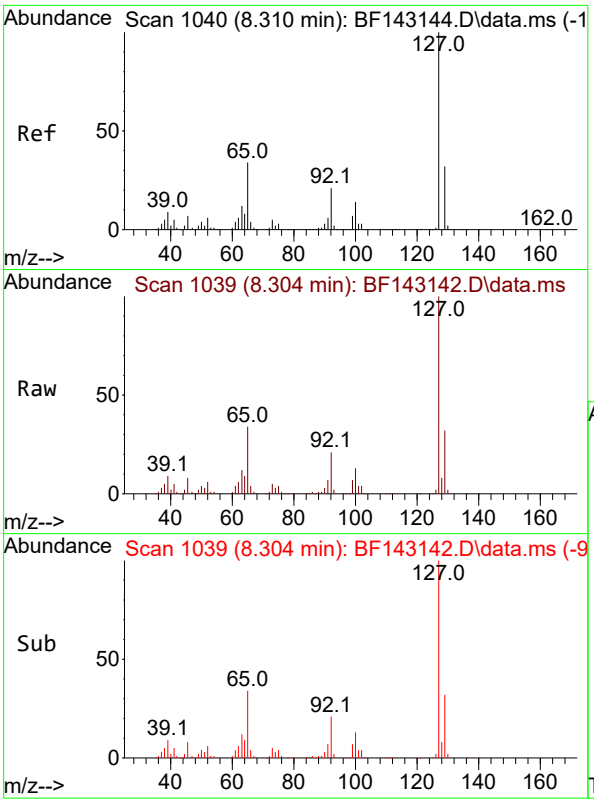


#32
Benzoic acid
Concen: 10.113 ng m
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 28431

Ion	Ratio	Lower	Upper
122	100		
105	126.6	104.8	144.8
77	94.6	77.6	117.6

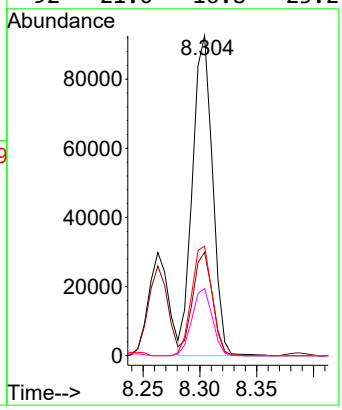




#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:127 Resp: 11379

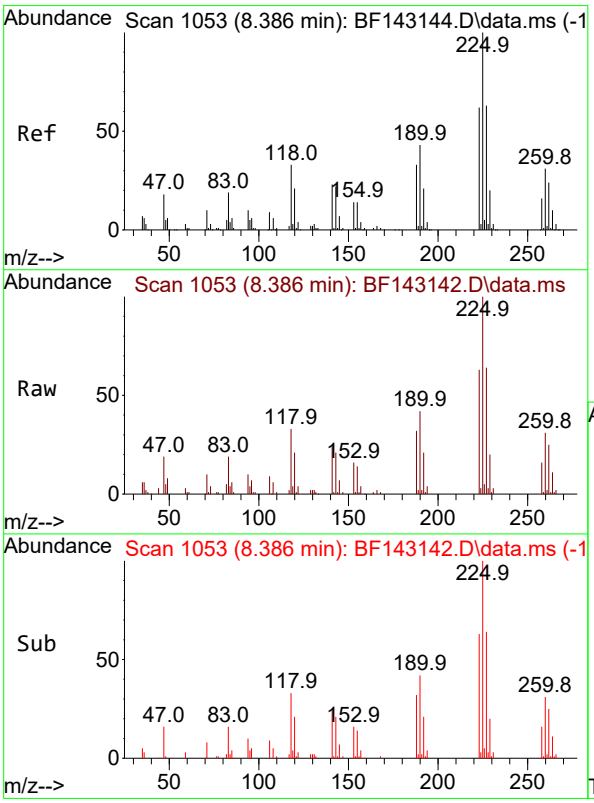
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.2	27.4	41.2
92	21.0	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

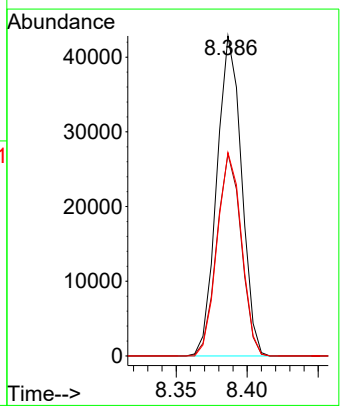
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

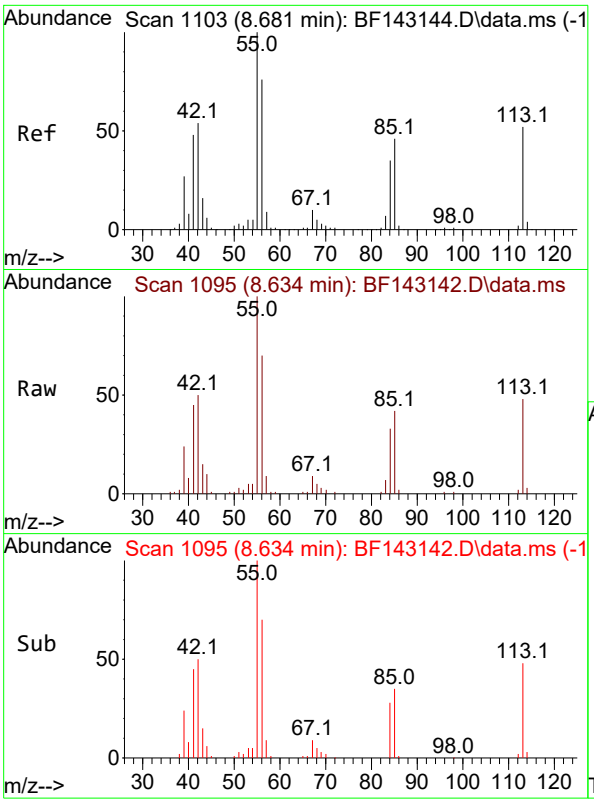


#34
Hexachlorobutadiene
Concen: 10.290 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:225 Resp: 51715

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.5	50.2	75.4

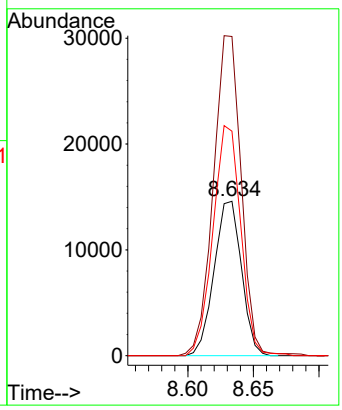




#35
Caprolactam
Concen: 9.194 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:113 Resp: 2115

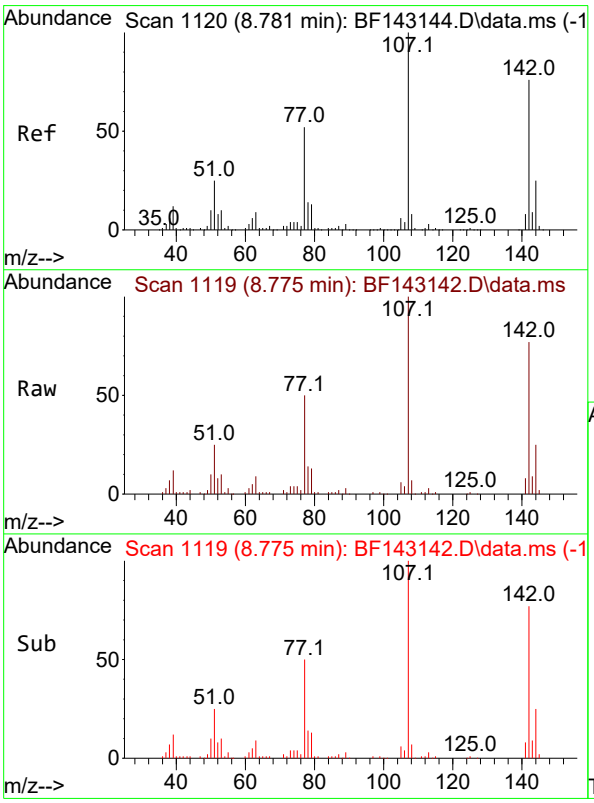
Ion	Ratio	Lower	Upper
113	100		
55	206.8	174.0	214.0
56	145.4	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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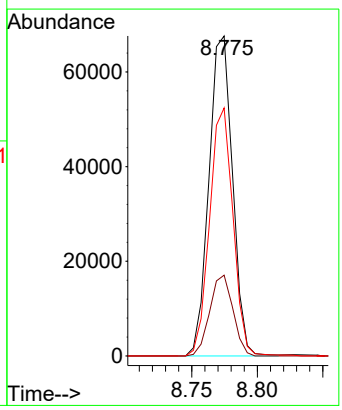
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

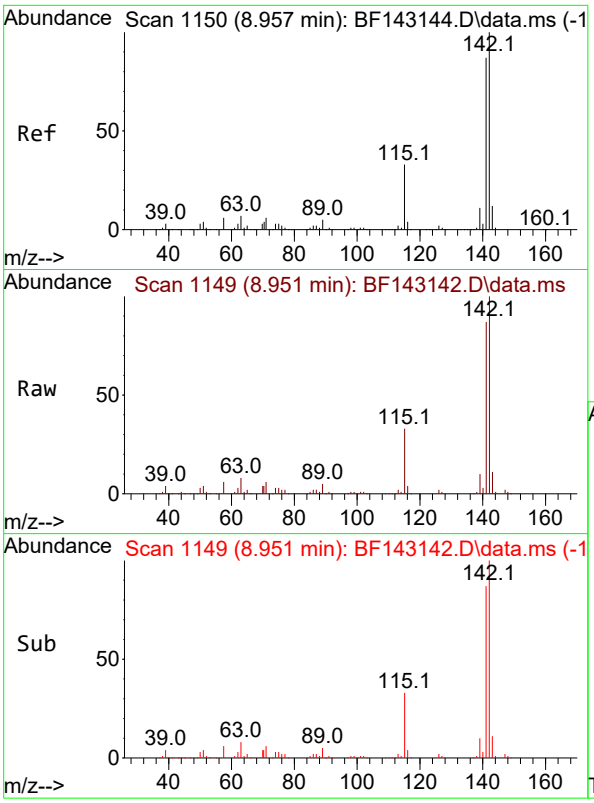


#36
4-Chloro-3-methylphenol
Concen: 10.227 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 84647

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	77.5	60.6	90.8

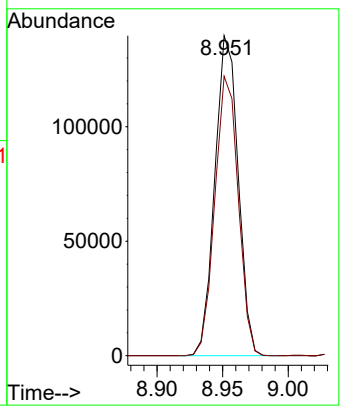




#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 17286

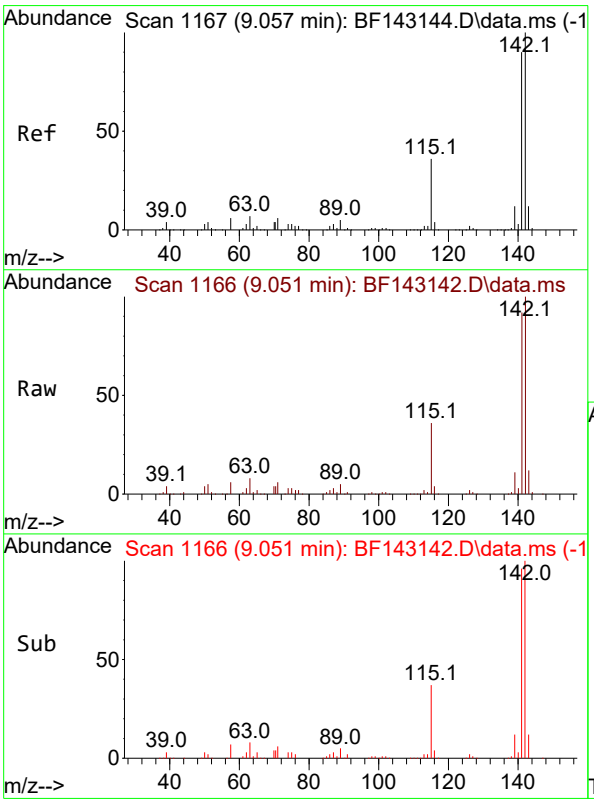
Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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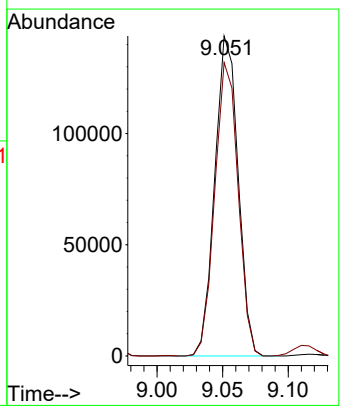
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

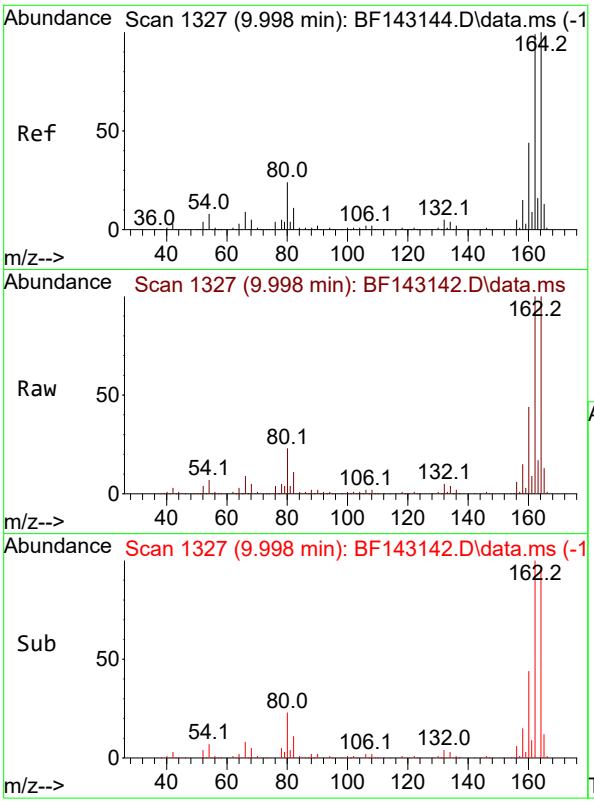


#38
1-Methylnaphthalene
Concen: 10.564 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 177917

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5

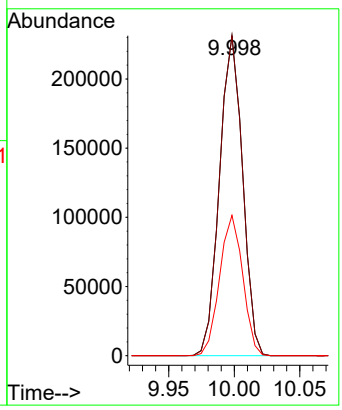




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:164 Resp: 28258

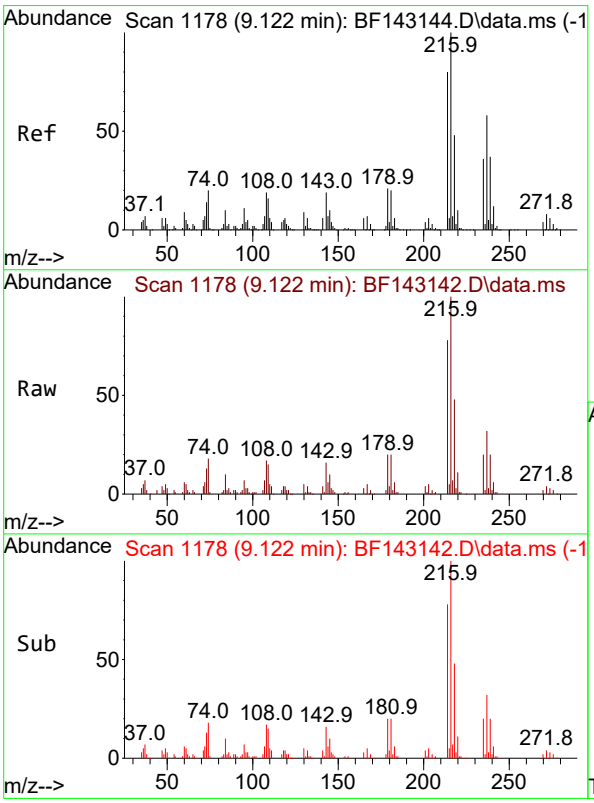
Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.0	118.6
160	43.9	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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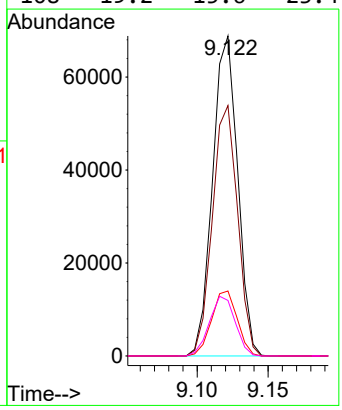
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

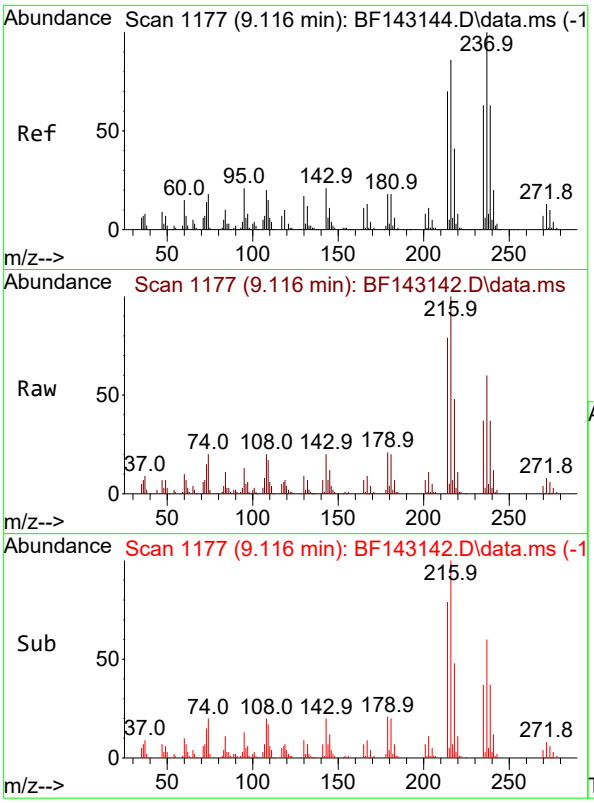


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.357 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:216 Resp: 84494

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	20.8	16.4	24.6
108	19.2	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

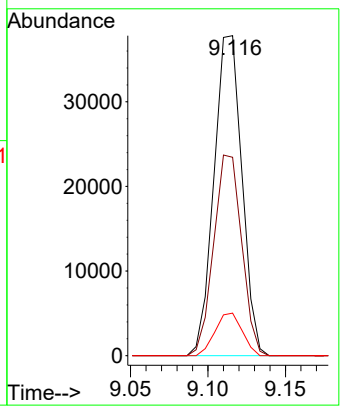
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

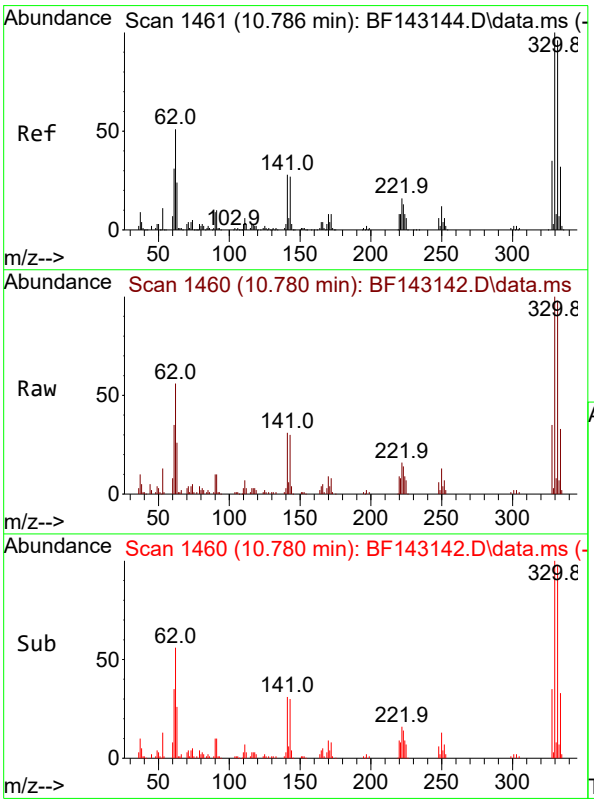
Tgt Ion:237 Resp: 4757

Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.0	83.0
272	13.3	0.0	33.3

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

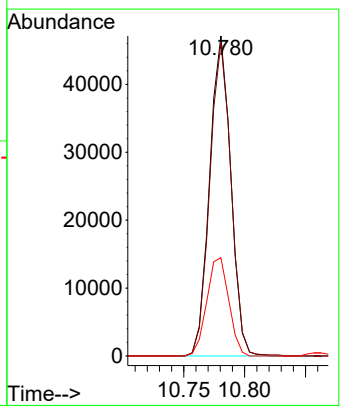


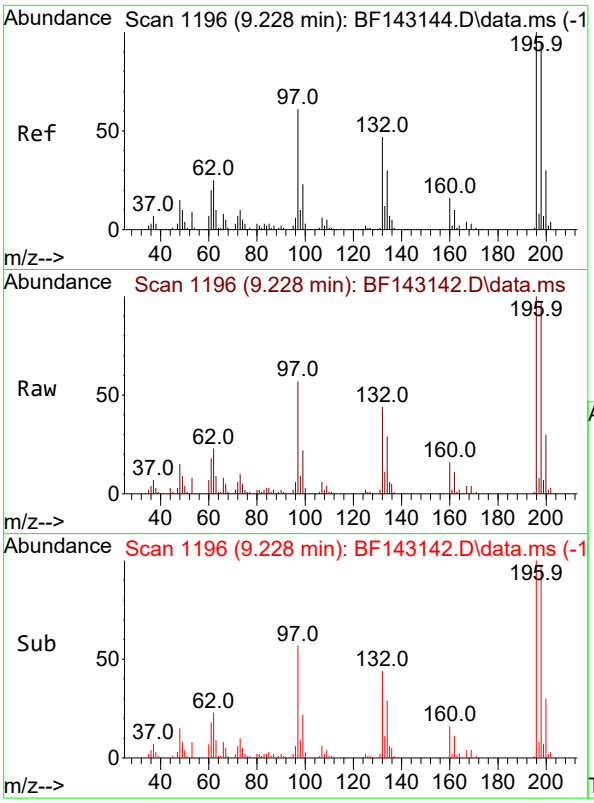


#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:330 Resp: 56961

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.7	115.1
141	32.0	23.3	34.9

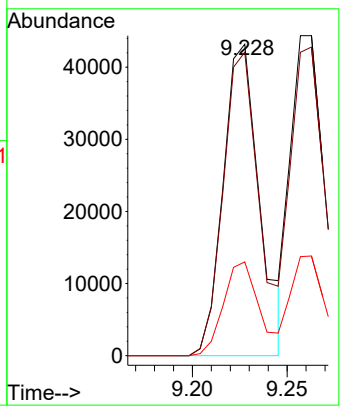




#43
2,4,6-Trichlorophenol
Concen: 10.165 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 5739

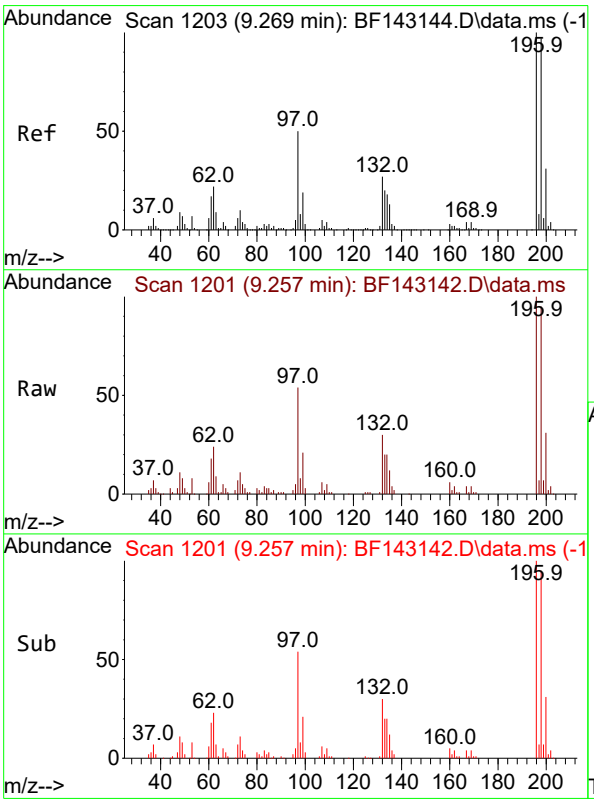
Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.2
200	30.1	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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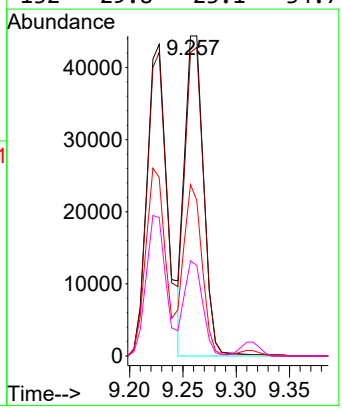
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

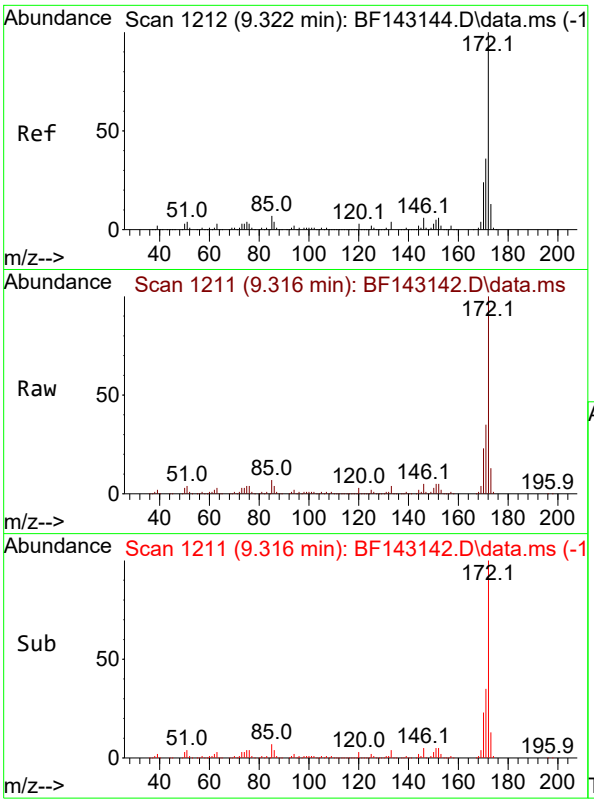


#44
2,4,5-Trichlorophenol
Concen: 9.688 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 54716

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.5	40.3	60.5
132	29.8	23.1	34.7





#45
2-Fluorobiphenyl
Concen: 22.489 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

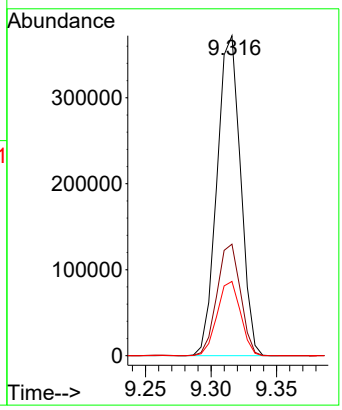
Tgt Ion:172 Resp: 46466

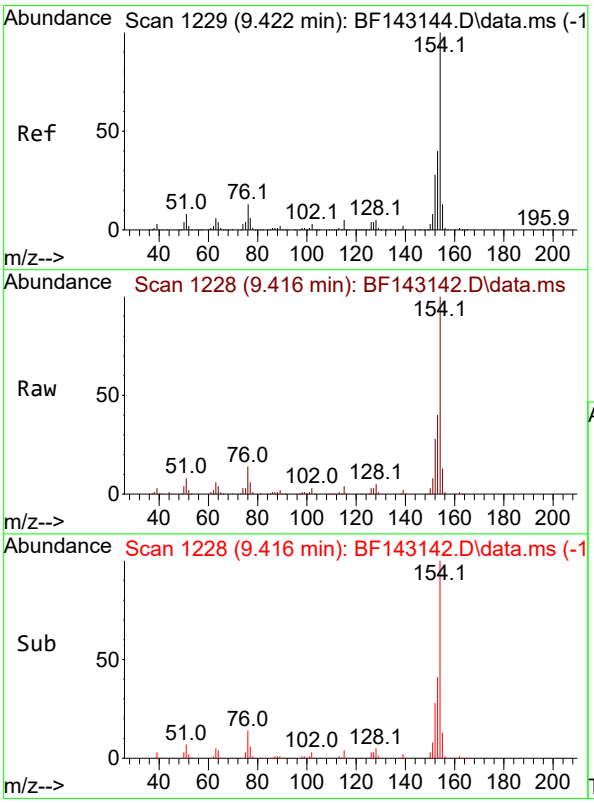
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

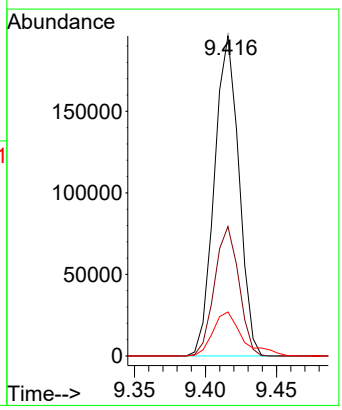


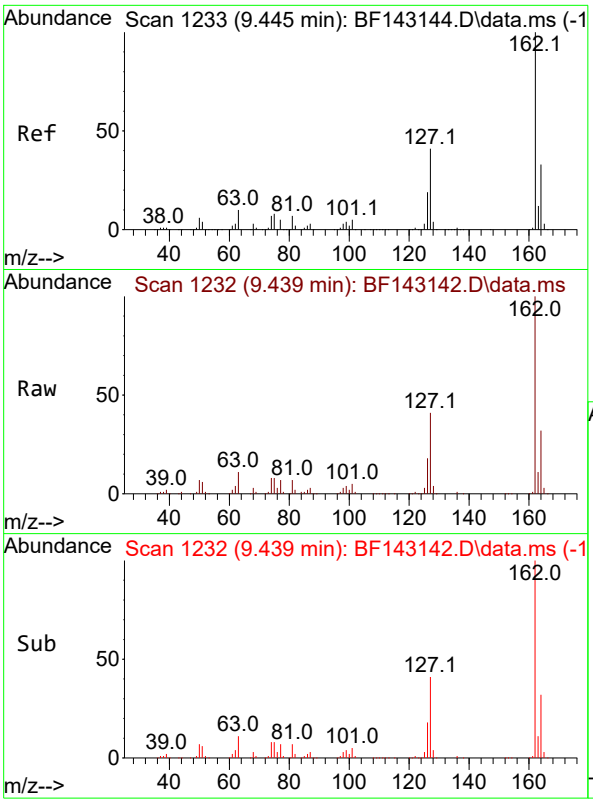


#46
1,1'-Biphenyl
Concen: 10.680 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 235467

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3

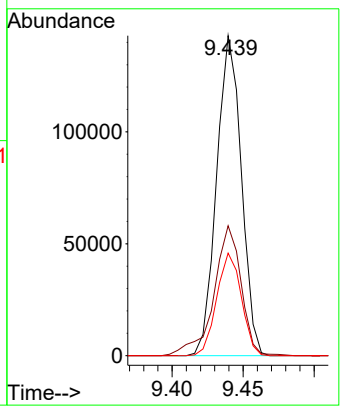




#47
2-Chloronaphthalene
Concen: 10.595 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:162 Resp: 17283

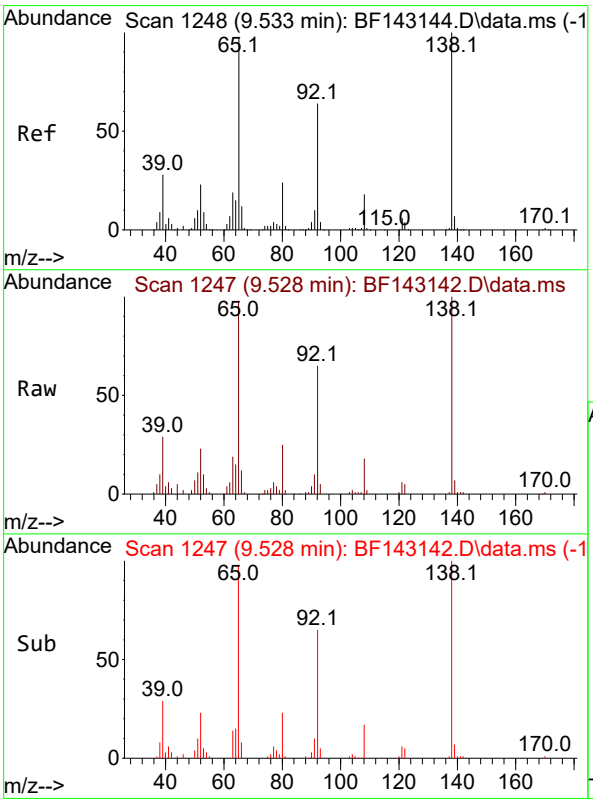
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.0	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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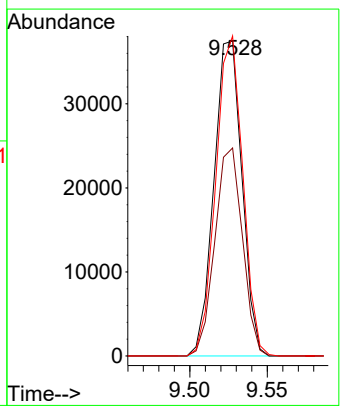
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

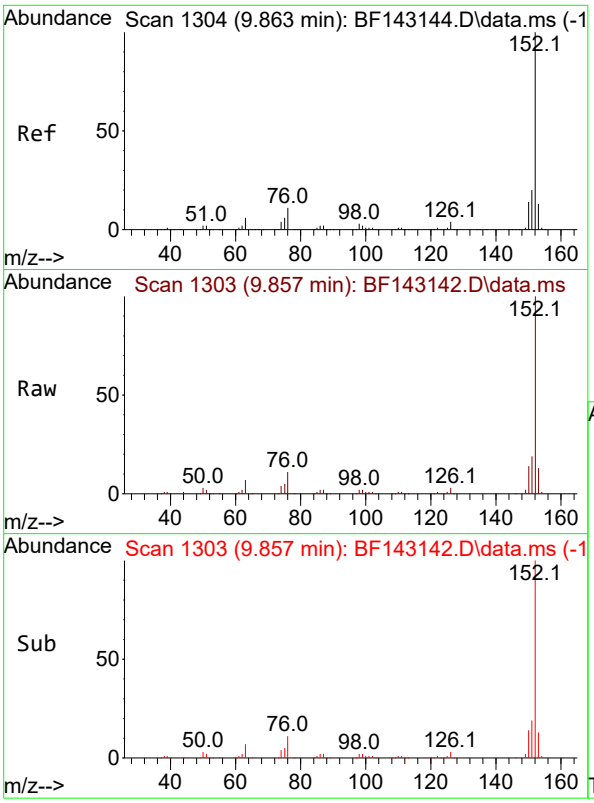


#48
2-Nitroaniline
Concen: 9.198 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 65 Resp: 47055

Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.4	78.6
138	101.6	82.3	123.5





#49
Acenaphthylene
Concen: 10.607 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

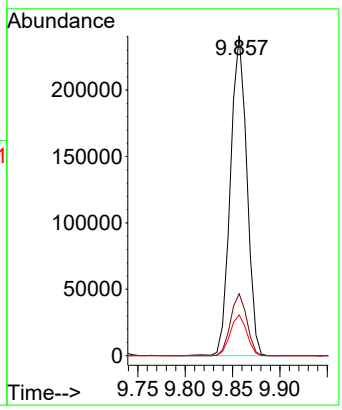
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

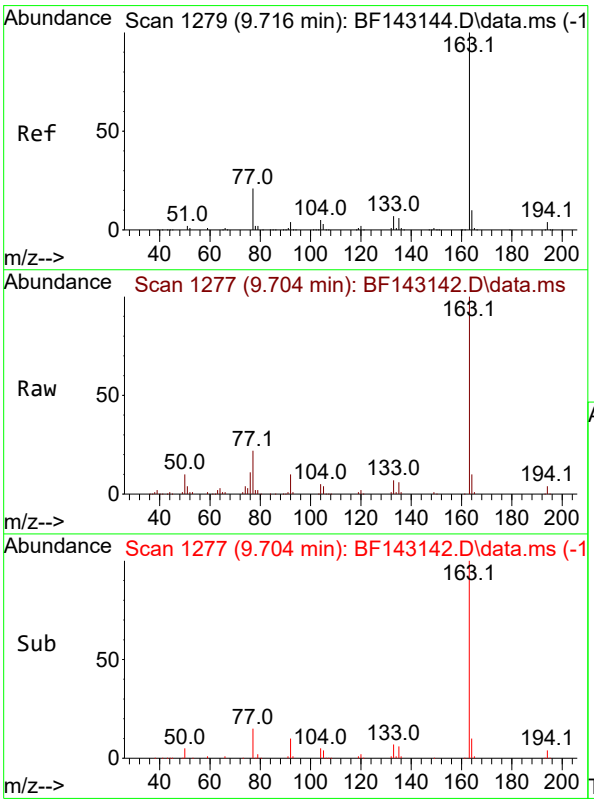
Tgt Ion:152 Resp: 28998

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	12.8	10.6	16.0

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

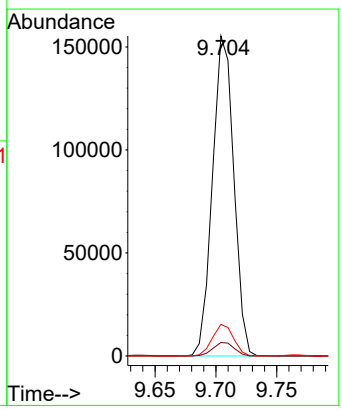


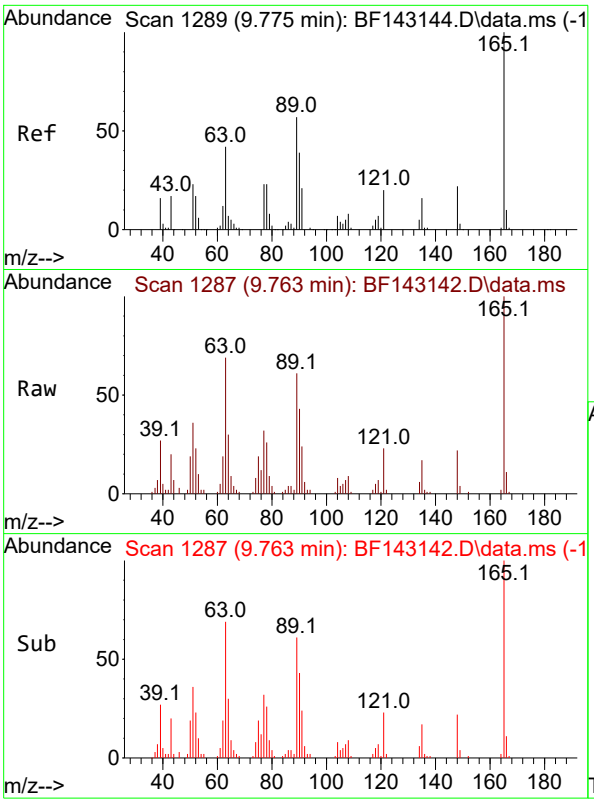


#50
Dimethylphthalate
Concen: 10.283 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:163 Resp: 189399

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

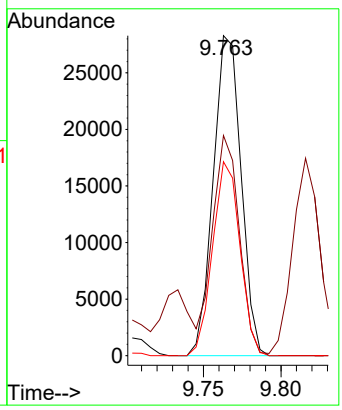
Tgt Ion:165 Resp: 3536

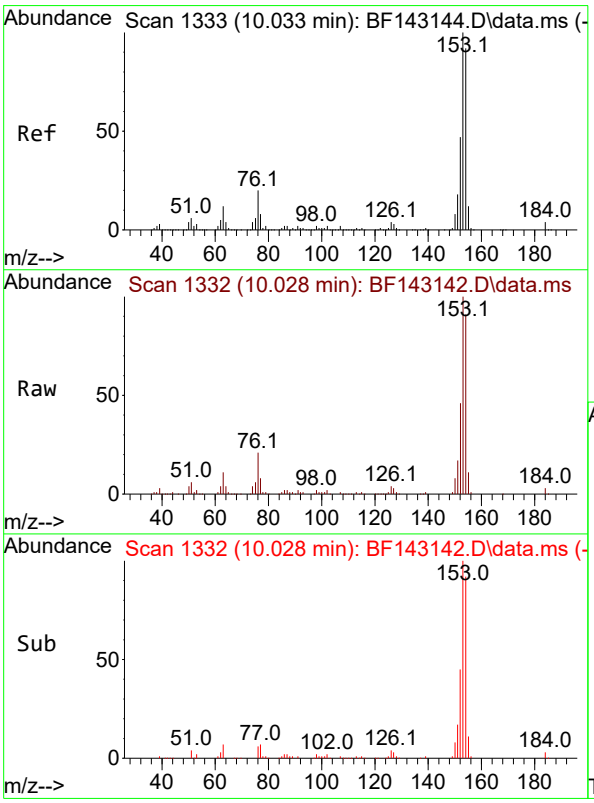
Ion	Ratio	Lower	Upper
165	100		
63	68.8	49.4	74.2
89	60.6	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

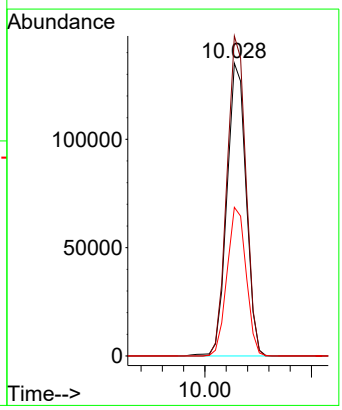


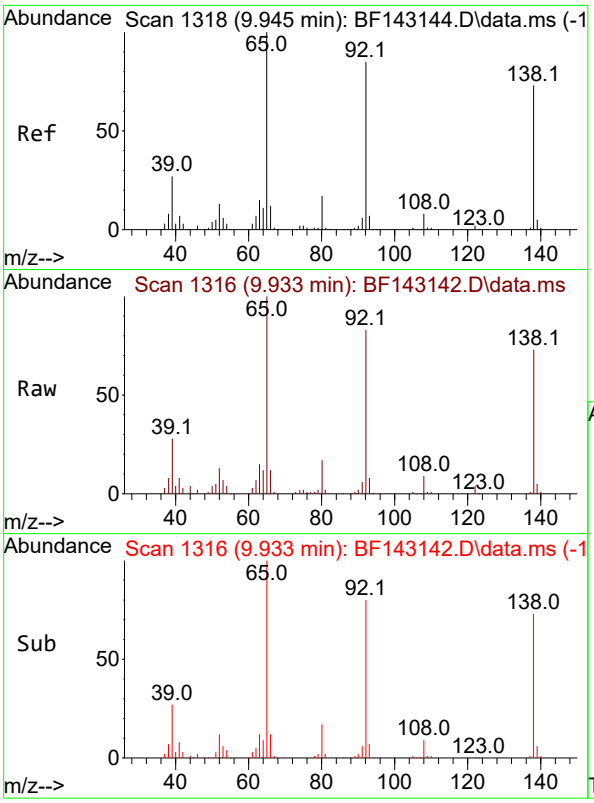


#52
Acenaphthene
Concen: 10.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 168698

Ion	Ratio	Lower	Upper
154	100		
153	109.3	86.6	129.8
152	50.8	40.4	60.6





#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

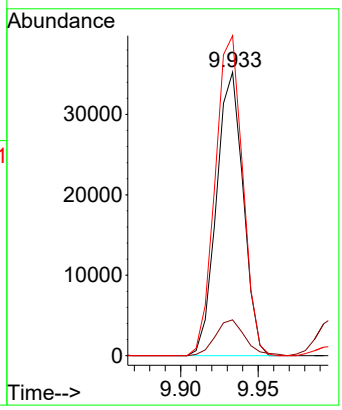
Tgt Ion:138 Resp: 4236

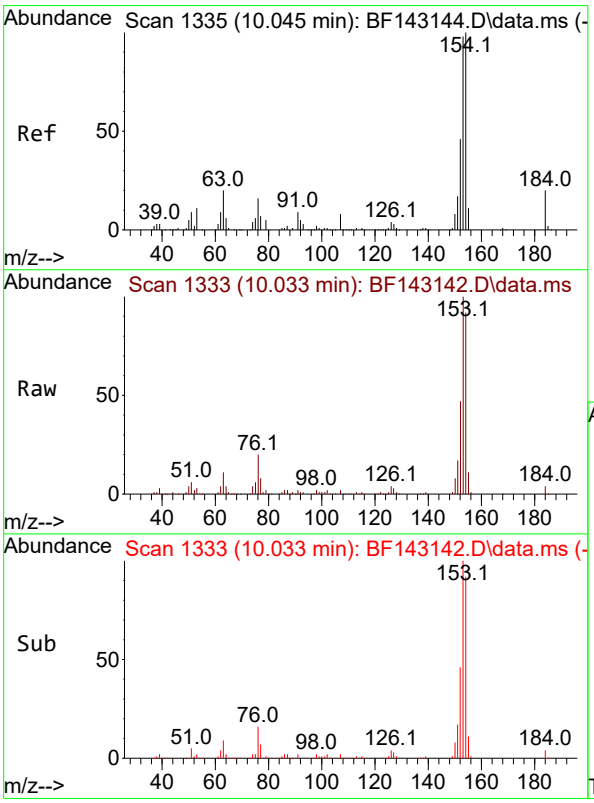
Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.0	13.6
92	112.9	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

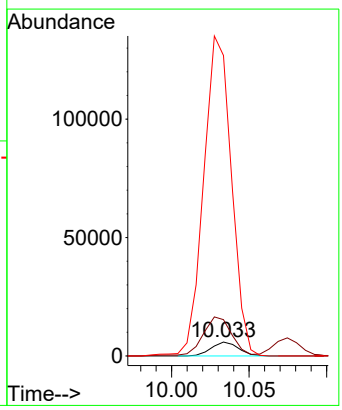


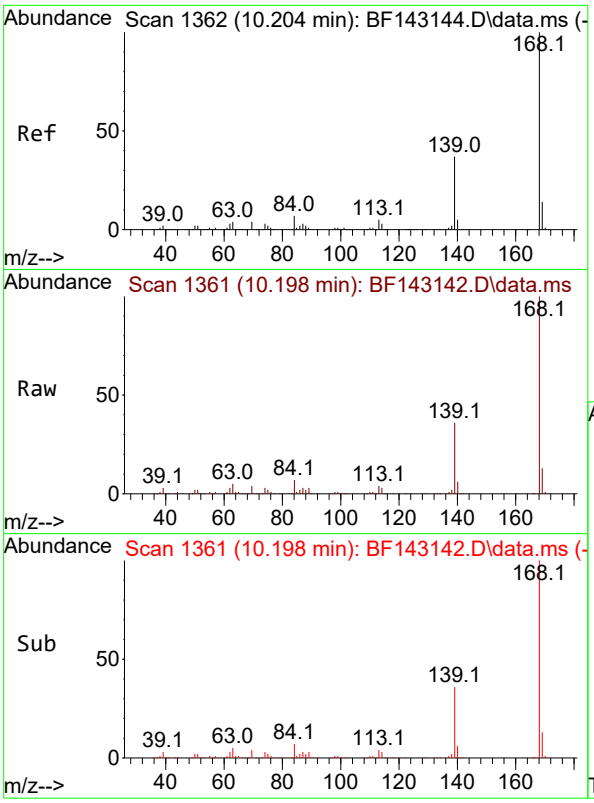


#54
2,4-Dinitrophenol
Concen: 10.522 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 7147

Ion	Ratio	Lower	Upper
184	100		
63	261.5	81.8	122.6#
154	2164.9	412.2	618.4#

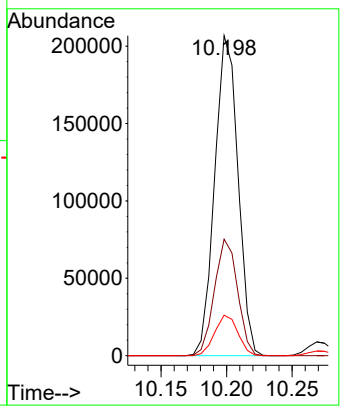




#55
Dibenzofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:168 Resp: 25527

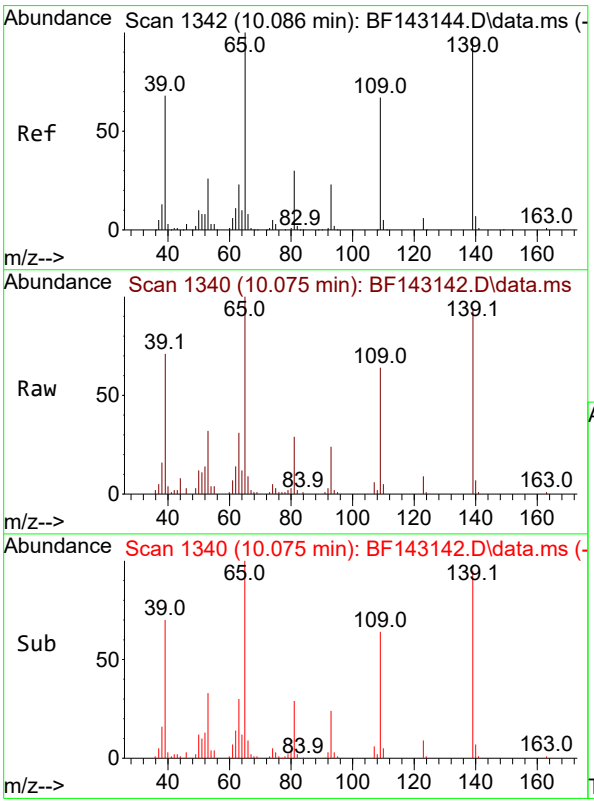
Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.5	44.3
169	12.7	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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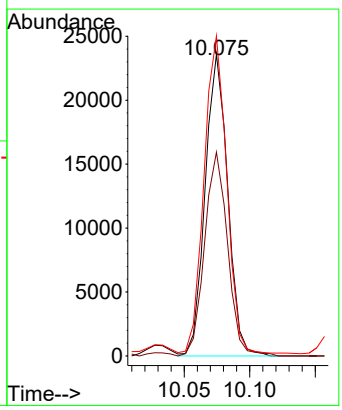
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

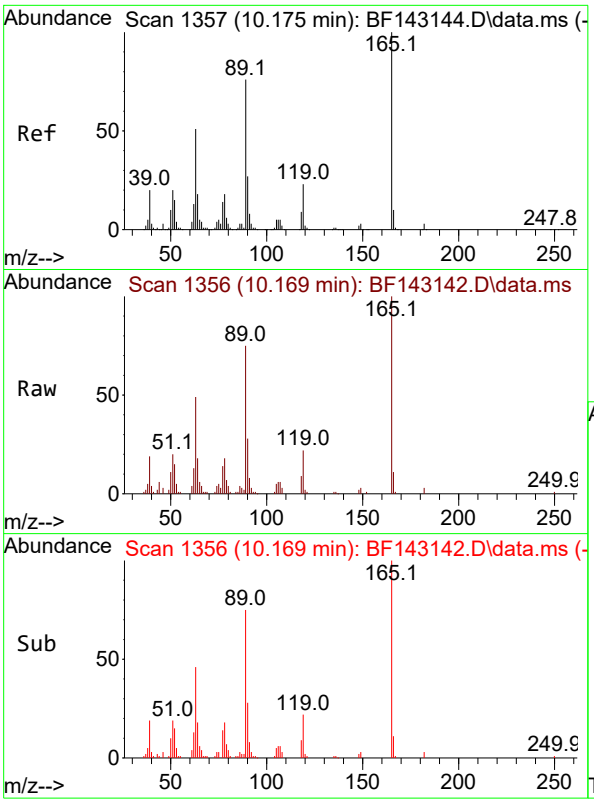


#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 28233

Ion	Ratio	Lower	Upper
139	100		
109	67.5	48.5	88.5
65	106.0	83.4	123.4

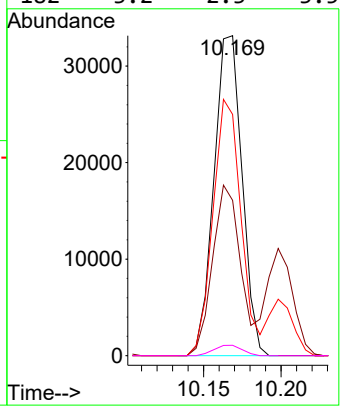




#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:165 Resp: 4181

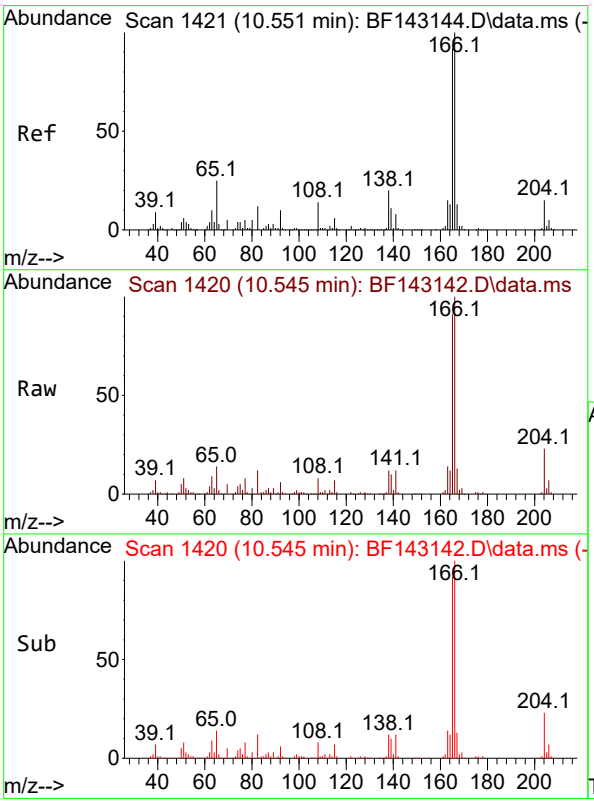
Ion	Ratio	Lower	Upper
165	100		
63	48.5	41.0	61.4
89	75.4	61.1	91.7
182	3.2	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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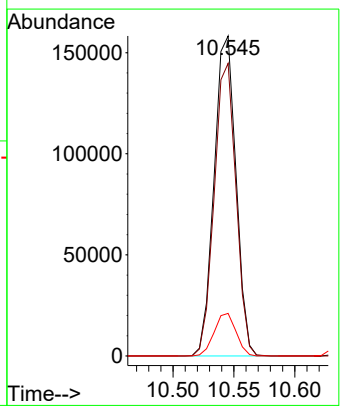
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

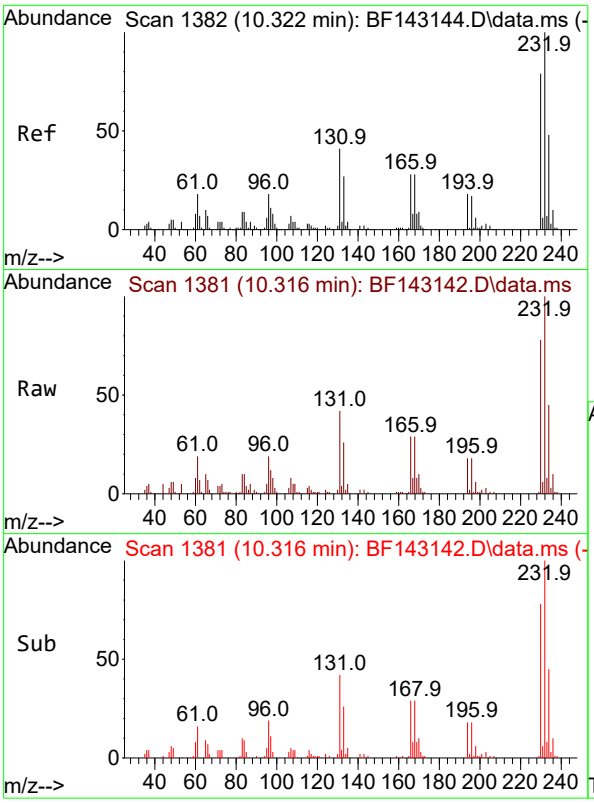


#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:166 Resp: 198041

Ion	Ratio	Lower	Upper
166	100		
165	91.4	73.7	110.5
167	13.3	10.6	16.0

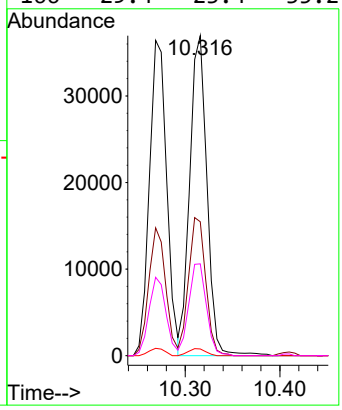




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:232 Resp: 4672

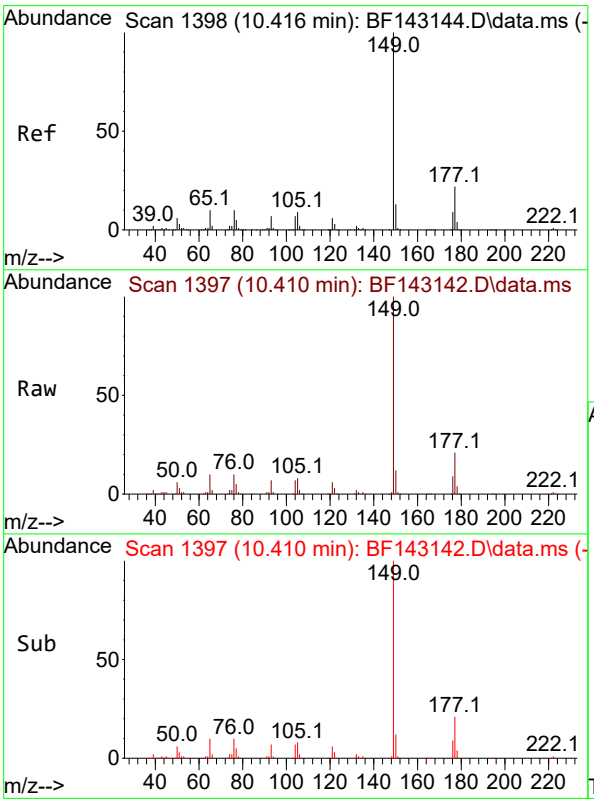
Ion	Ratio	Lower	Upper
232	100		
131	43.0	35.3	52.9
130	2.2	1.7	2.5
166	29.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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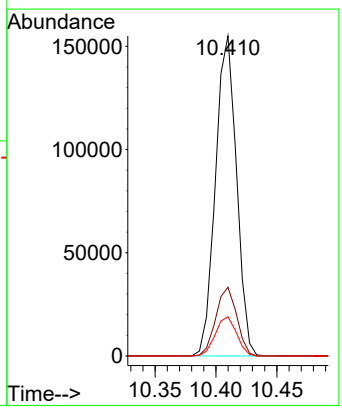
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

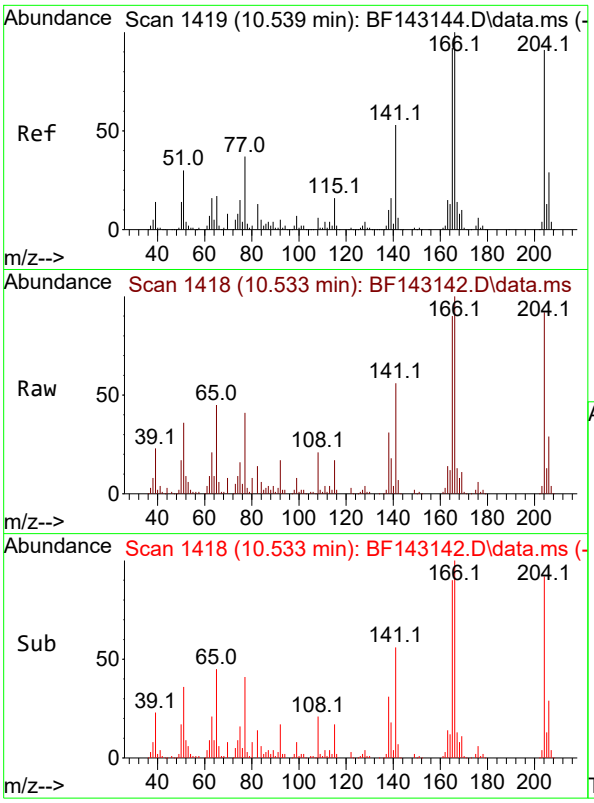


#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 186802

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.3	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

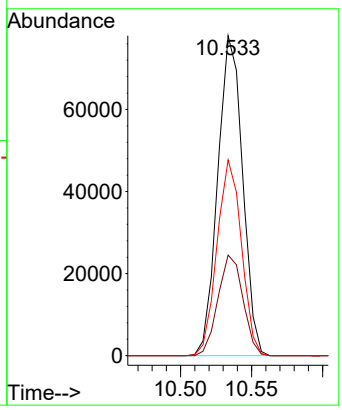
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

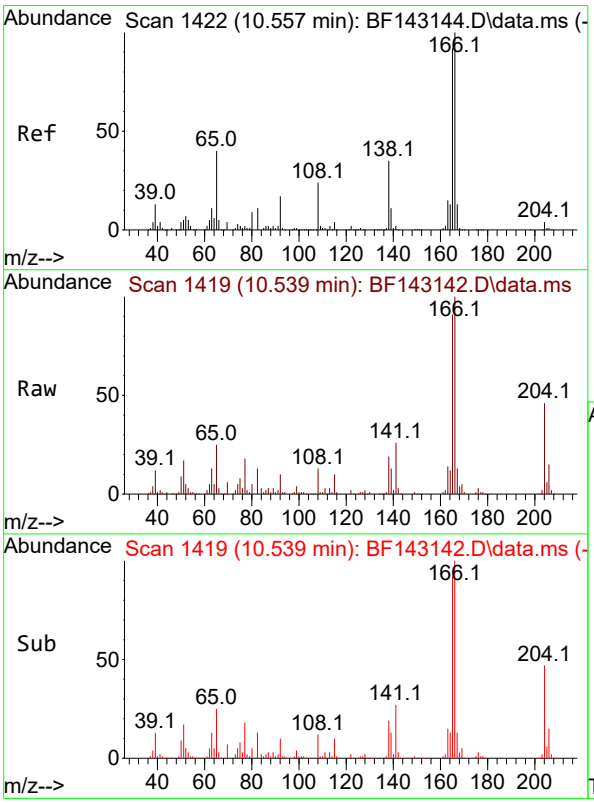
Tgt Ion:204 Resp: 9468

Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.8	38.8
141	61.2	47.0	70.4

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

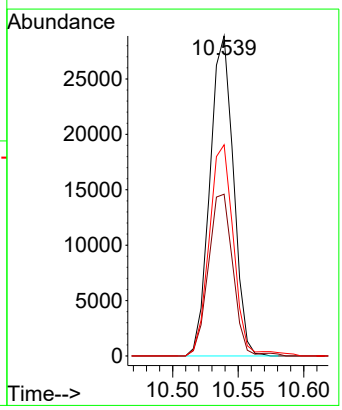


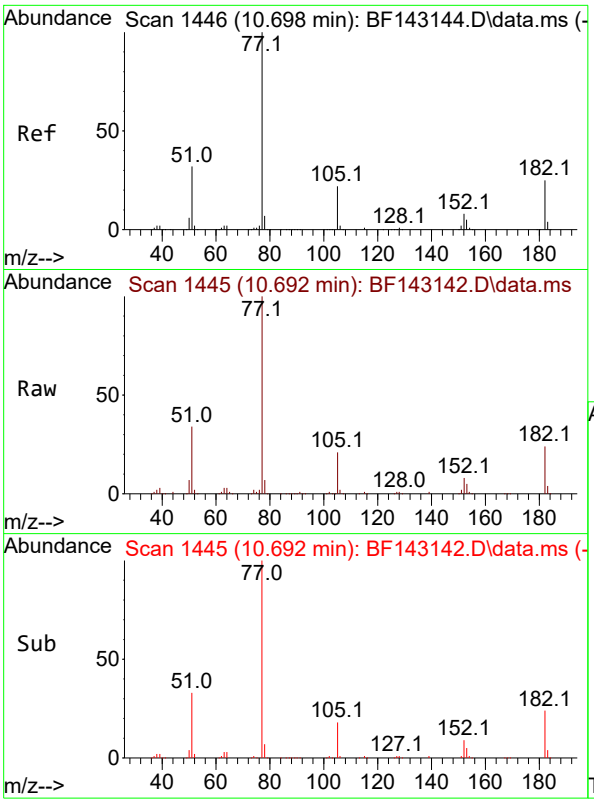


#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 35962

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.3	69.3
108	66.0	48.3	88.3





#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

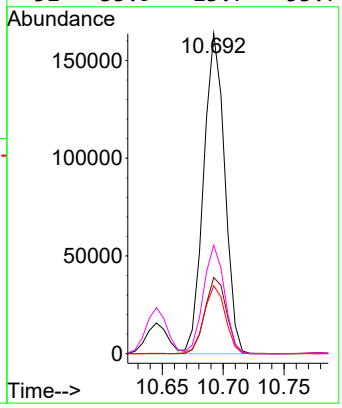
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

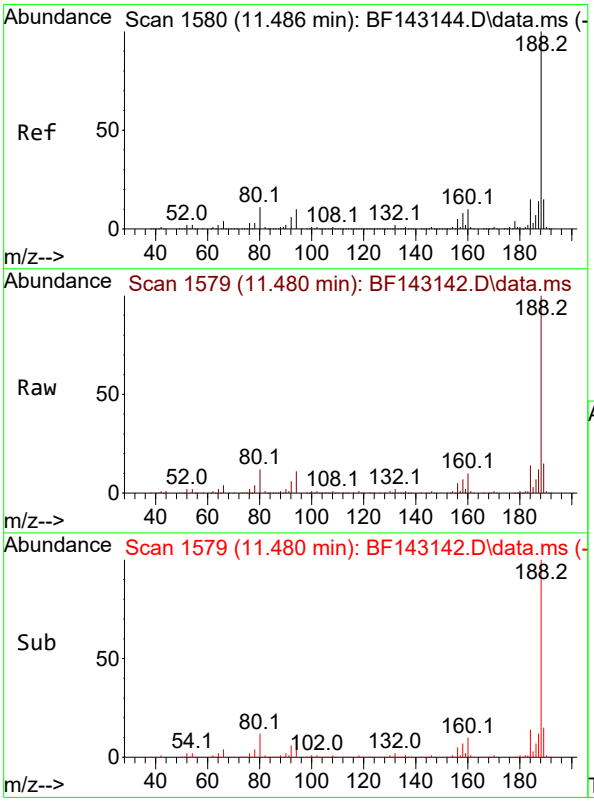
Tgt Ion: 77 Resp: 19799

Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.6	44.6
105	21.2	1.4	41.4
51	33.9	13.7	53.7

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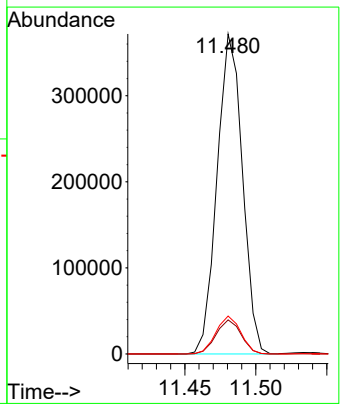


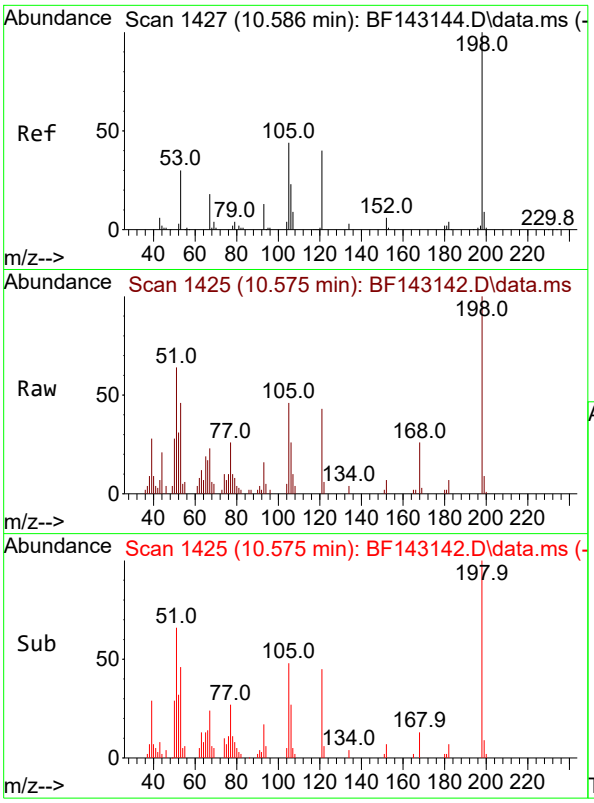


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:188 Resp: 461255

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.8	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

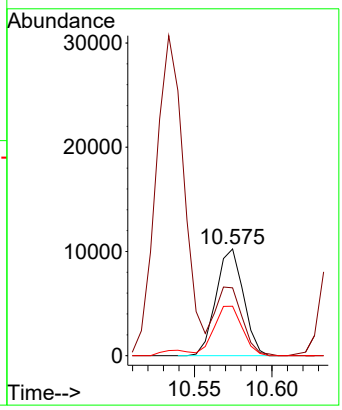
Tgt Ion:198 Resp: 1254

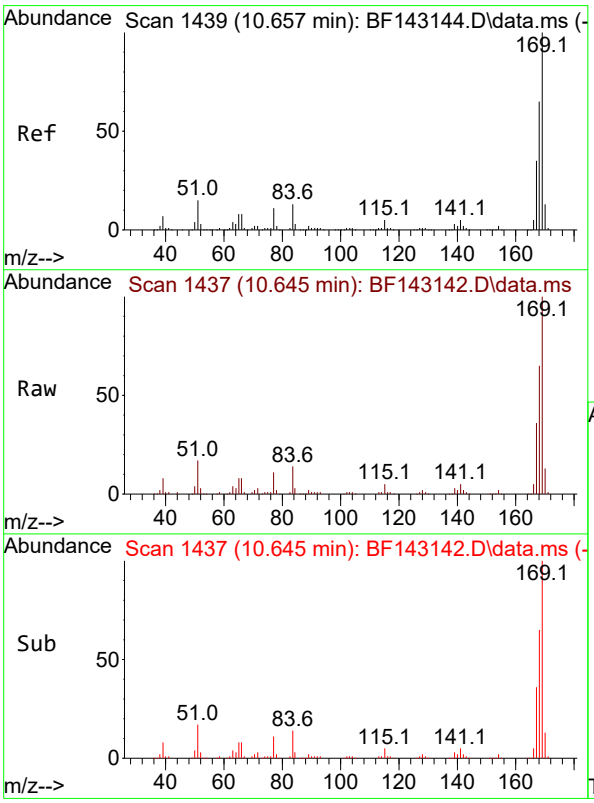
Ion	Ratio	Lower	Upper
198	100		
51	63.6	37.2	77.2
105	46.4	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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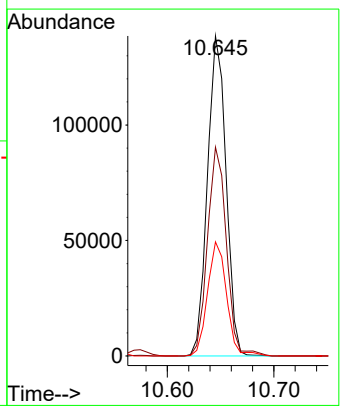


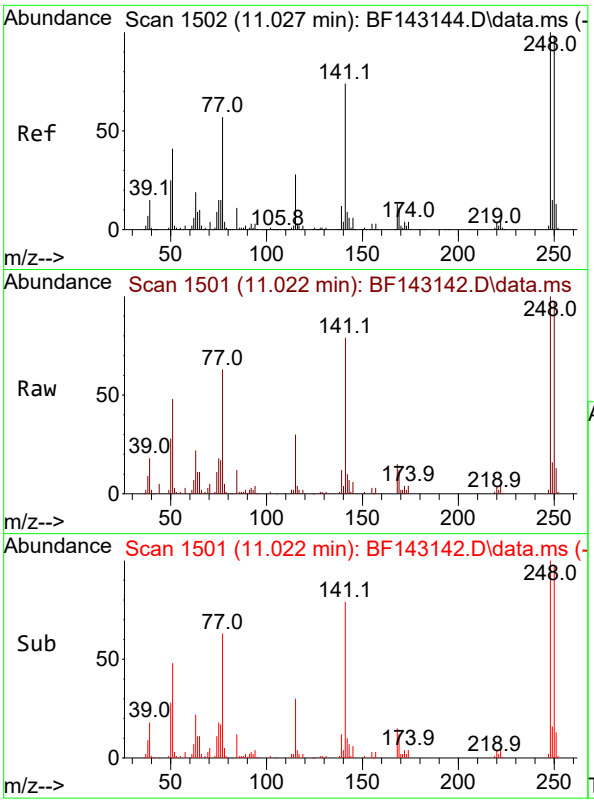


#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:169 Resp: 167901

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.6	28.2	42.2





#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

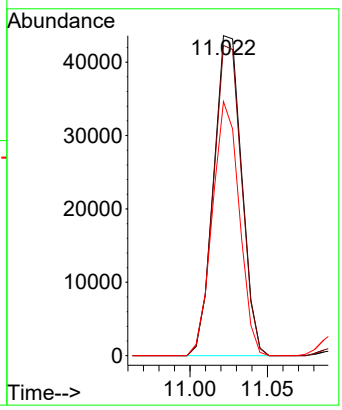
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

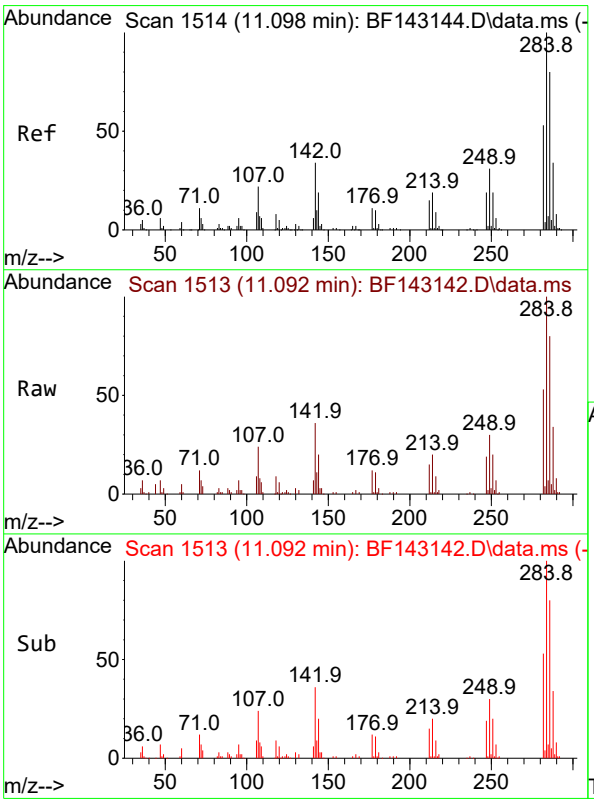
Tgt Ion:248 Resp: 5484

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.3	117.5
141	79.4	59.2	88.8

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/18/2025

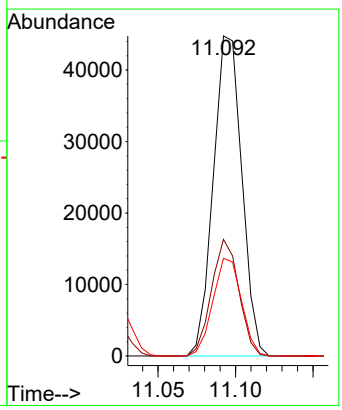


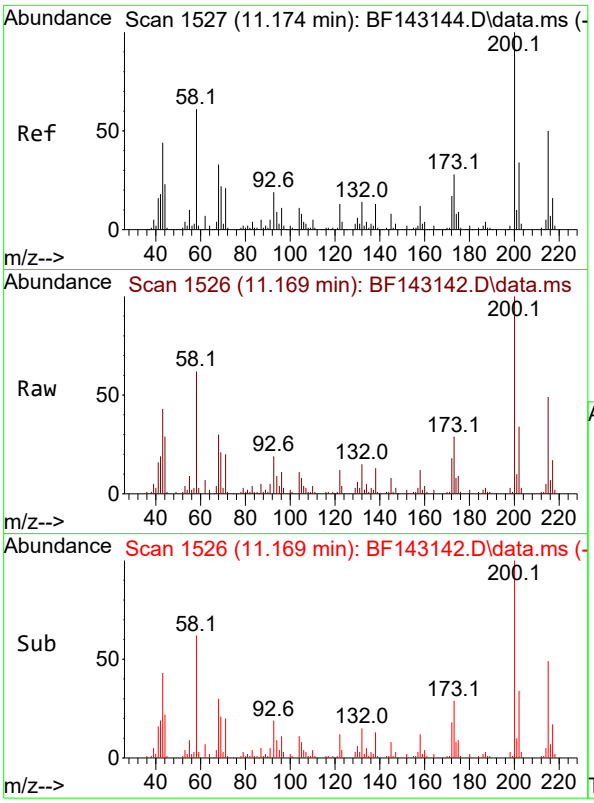


#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:284 Resp: 57305

Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.0	40.6
249	30.5	25.0	37.6

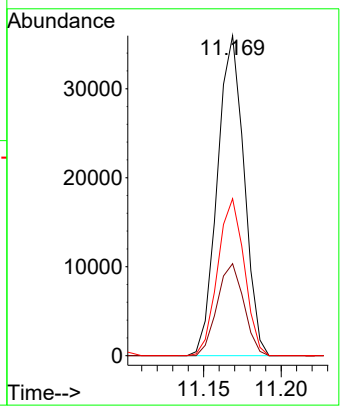




#69
Atrazine
Concen: 9.613 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:200 Resp: 4304

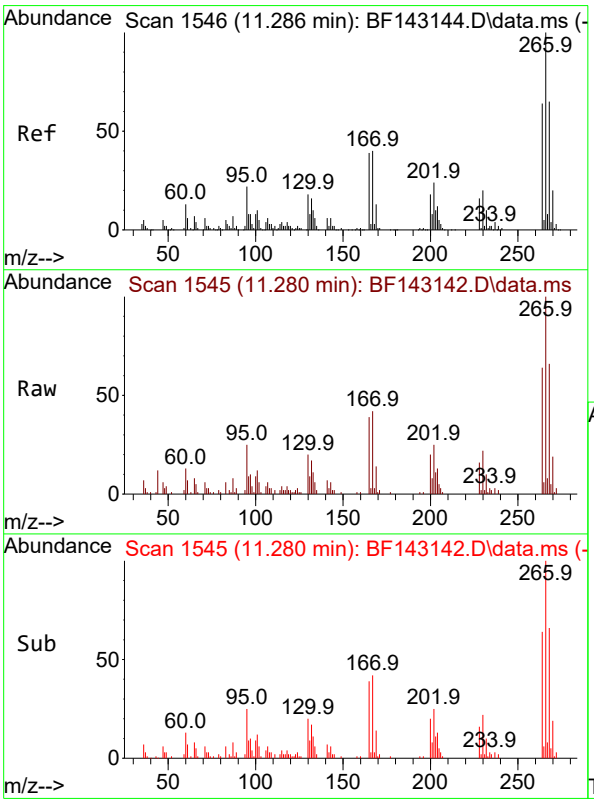
Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.9	47.9
215	49.1	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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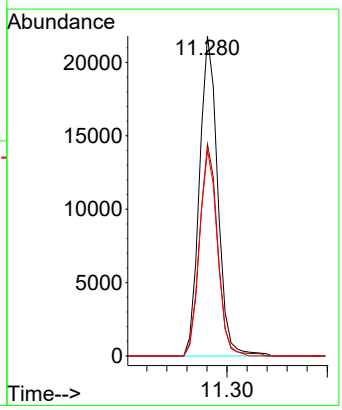
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

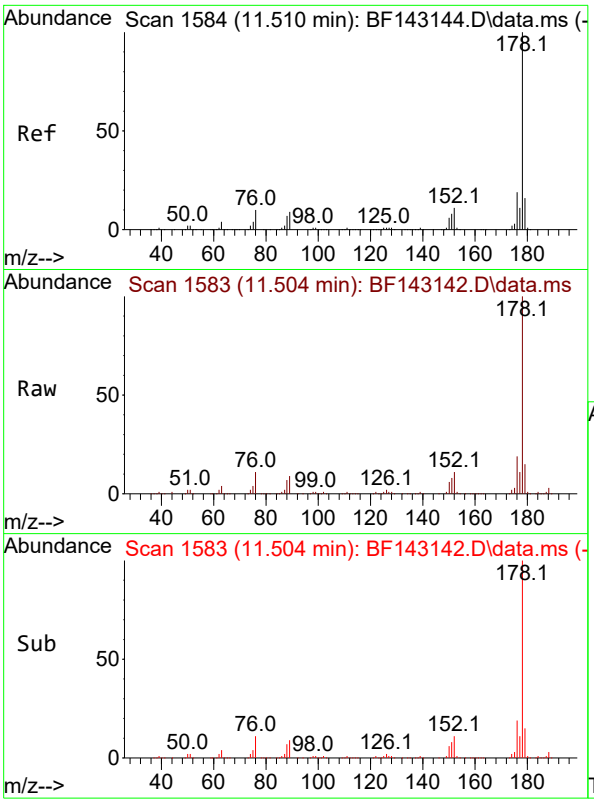


#70
Pentachlorophenol
Concen: 8.148 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:266 Resp: 27529

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	64.3	51.0	76.6

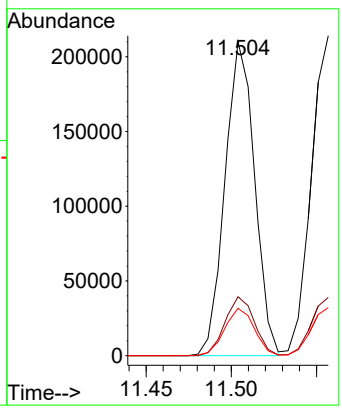




#71
Phenanthrene
Concen: 10.361 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 25375

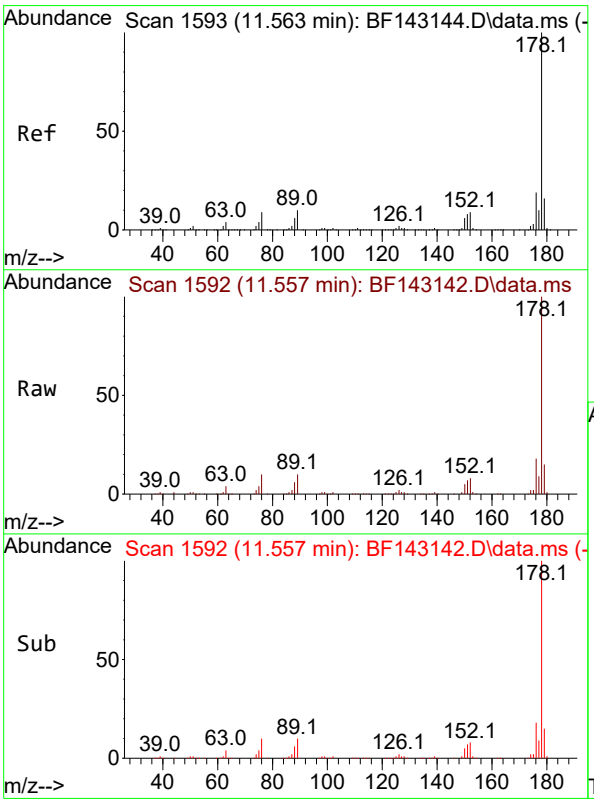
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.1	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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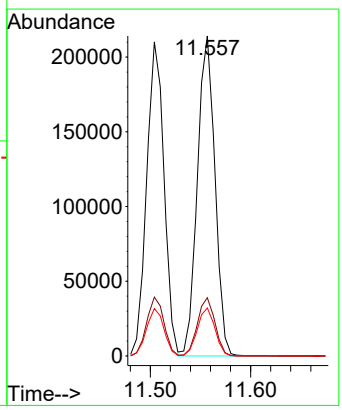
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

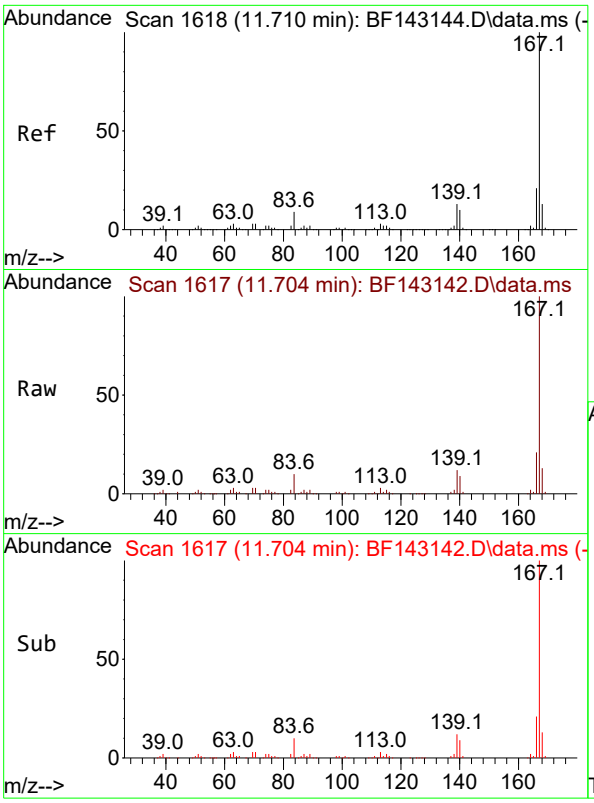


#72
Anthracene
Concen: 10.487 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 261960

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.0	12.5	18.7

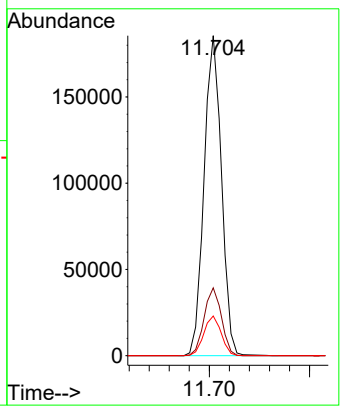




#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:167 Resp: 22337

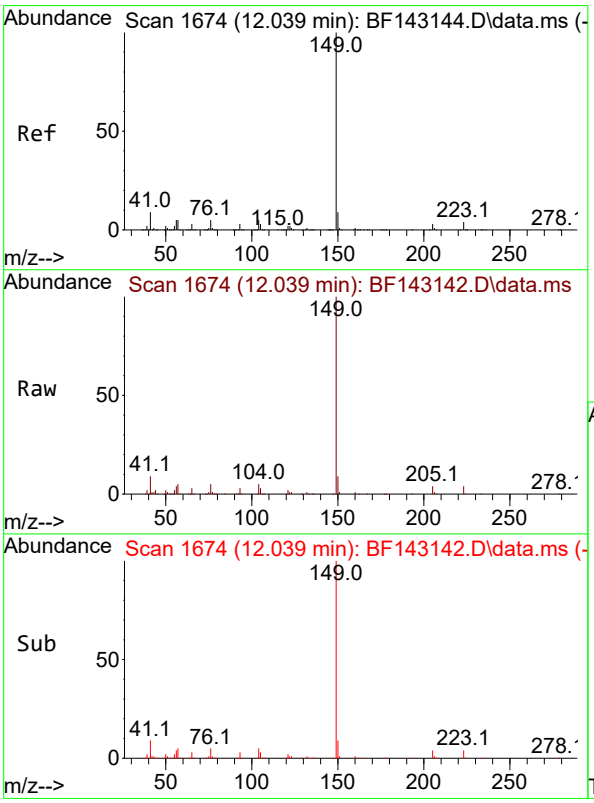
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.4	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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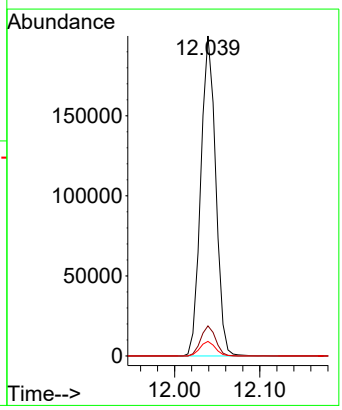
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

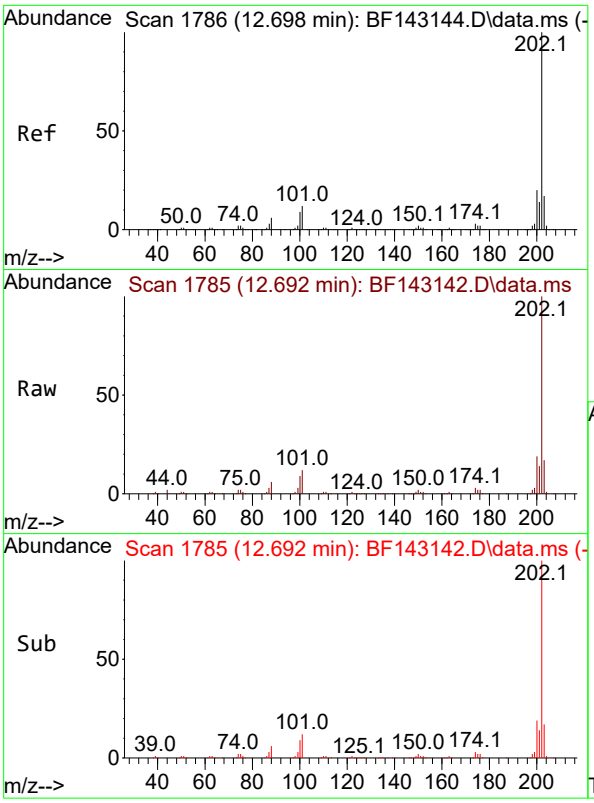


#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 243142

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.6	3.8	5.8





#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

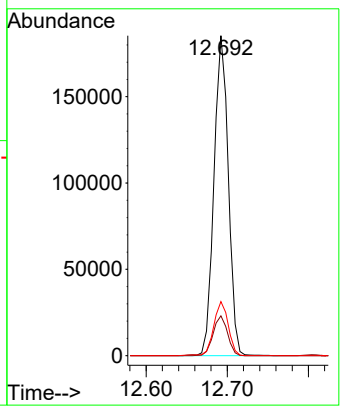
Tgt Ion:202 Resp: 22770

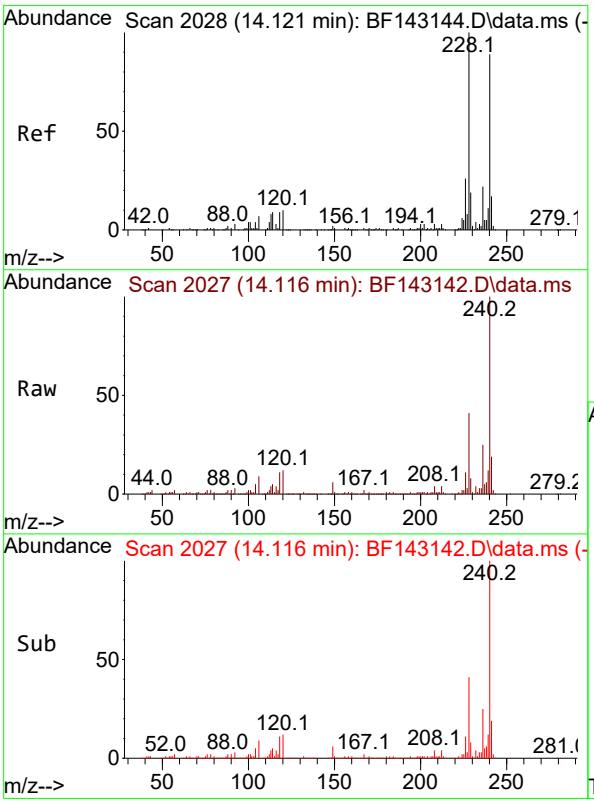
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.7
203	16.9	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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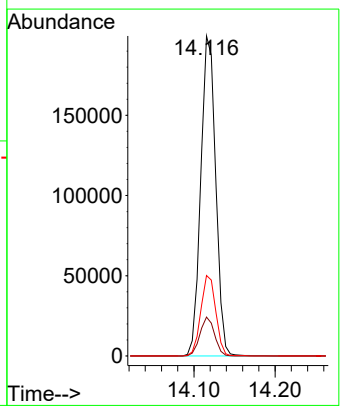


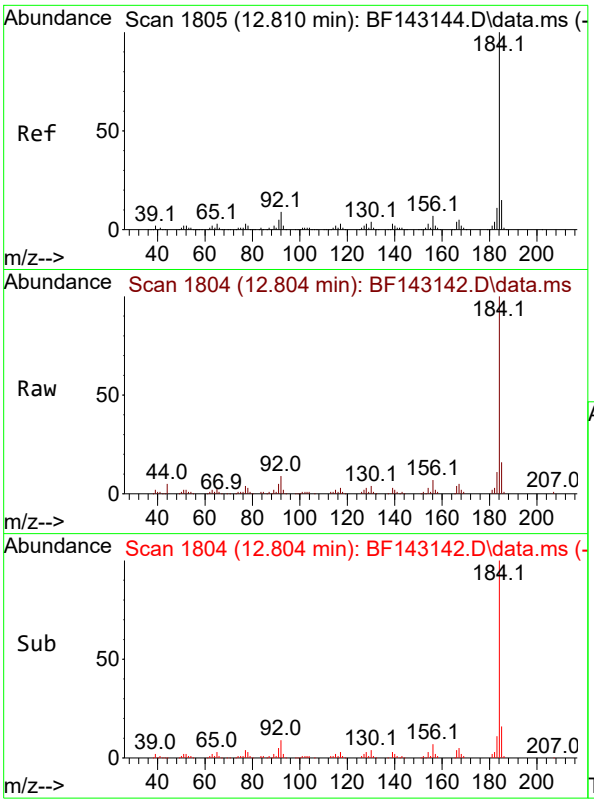


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:240 Resp: 254650

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	25.1	20.2	30.4

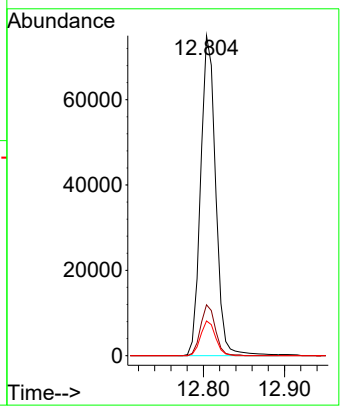




#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 9648

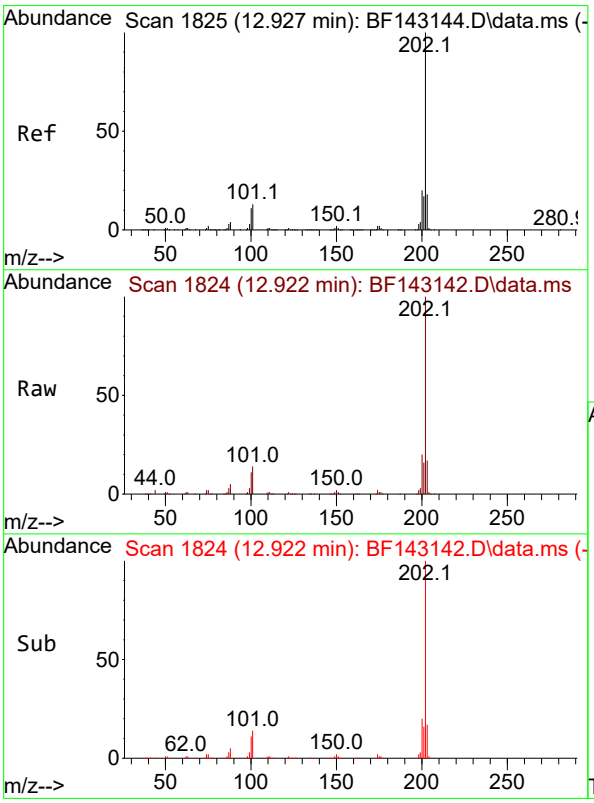
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.4
183	10.9	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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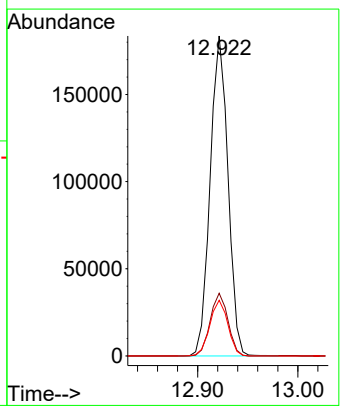
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

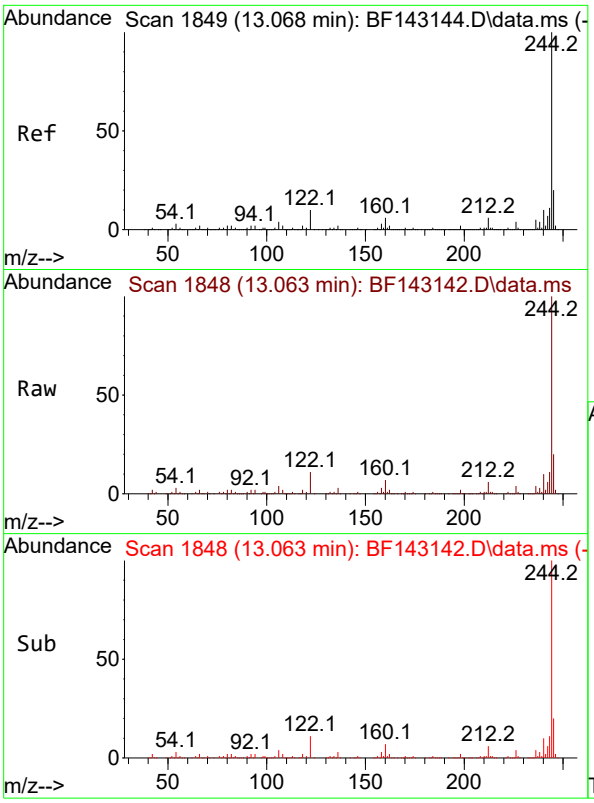


#78
Pyrene
Concen: 10.445 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 227008

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.4	14.2	21.2

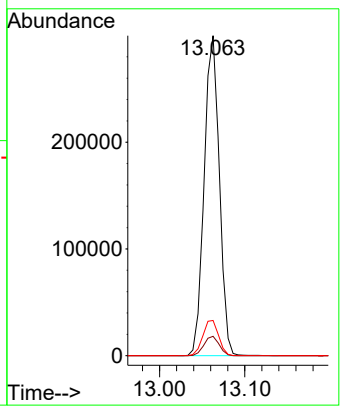




#79
Terphenyl-d14
Concen: 21.669 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:244 Resp: 37080

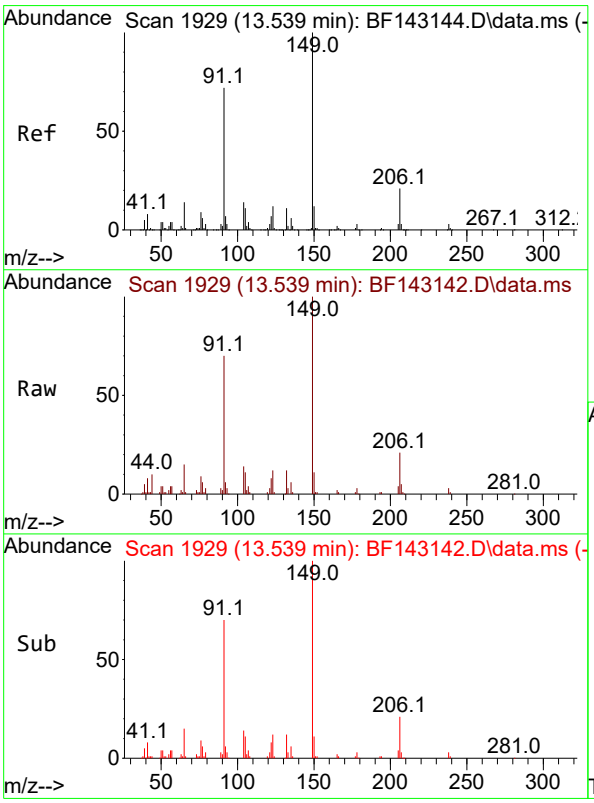
Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	11.0	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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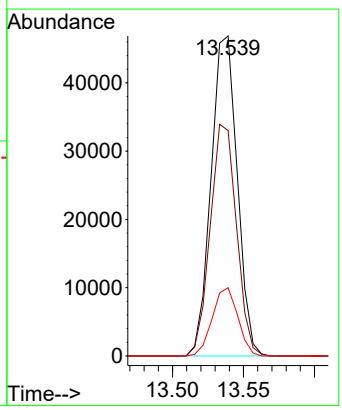
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

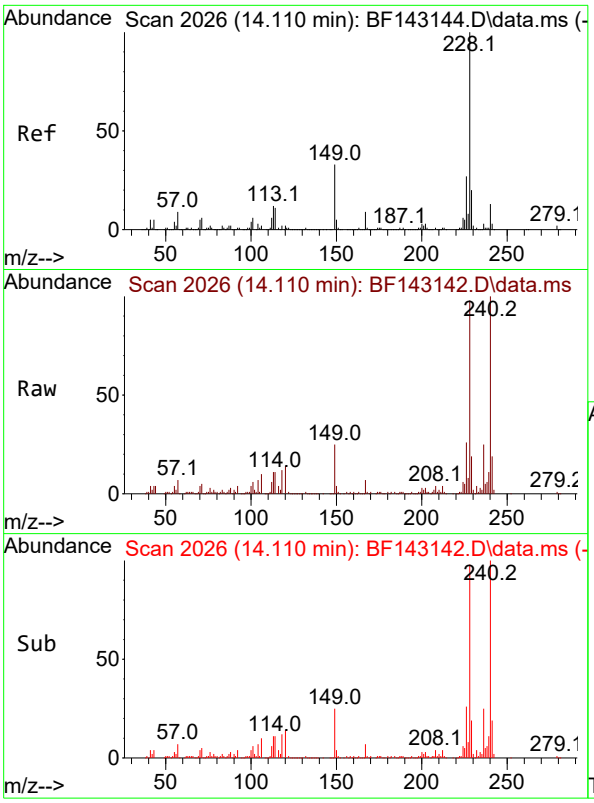


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 60055

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.9	86.9
206	21.3	17.0	25.4





#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

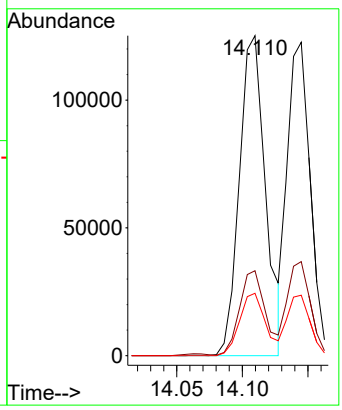
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

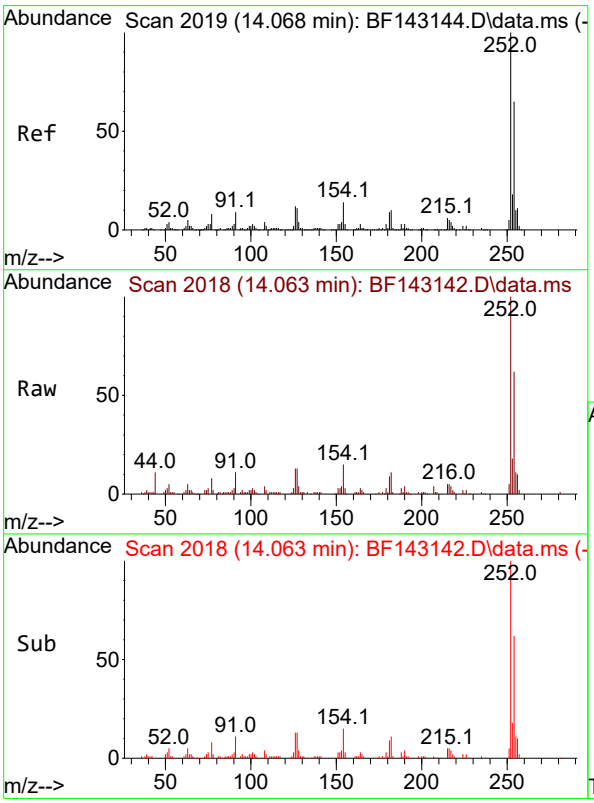
Tgt Ion:228 Resp: 17402

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.8	23.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

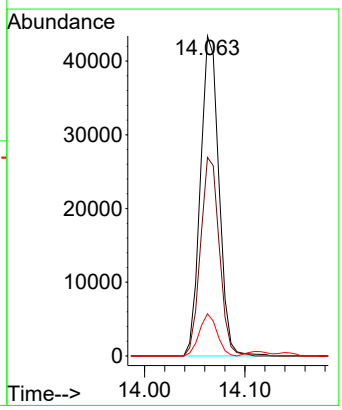


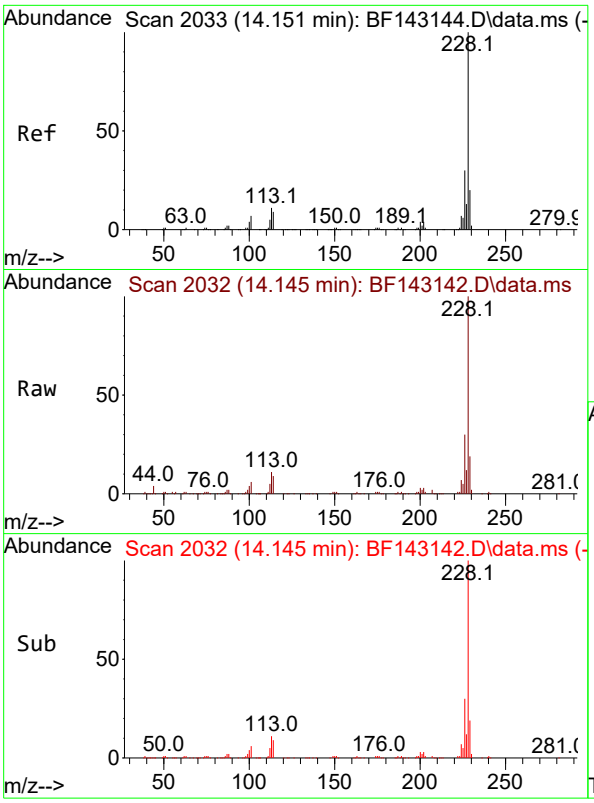


#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 55694

Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.7	77.5
126	13.2	9.4	14.0

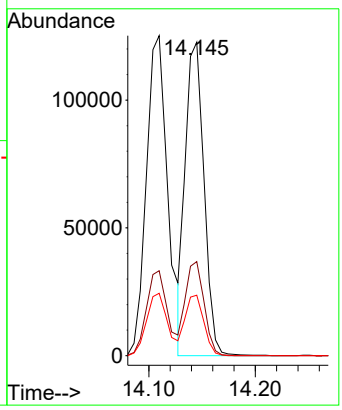




#83
Chrysene
Concen: 9.750 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:228 Resp: 14944(

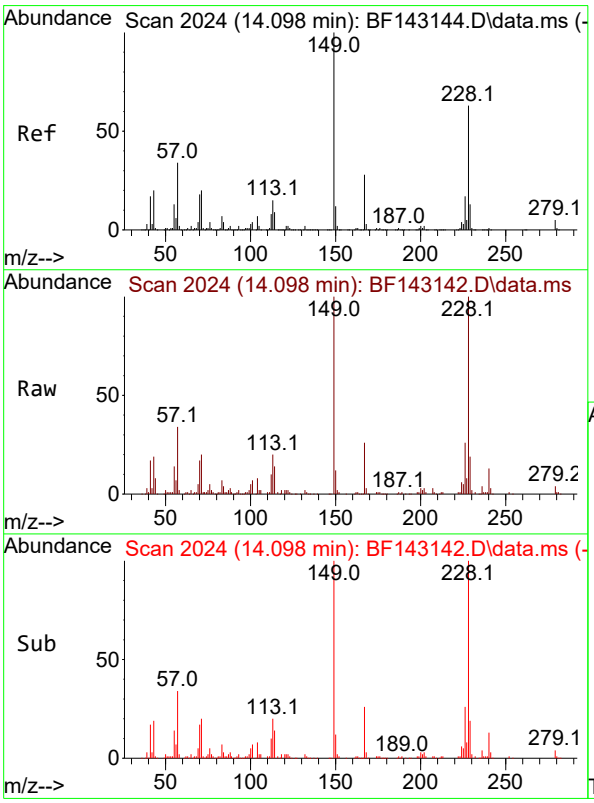
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.3	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

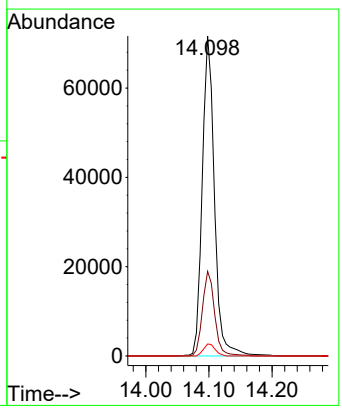
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

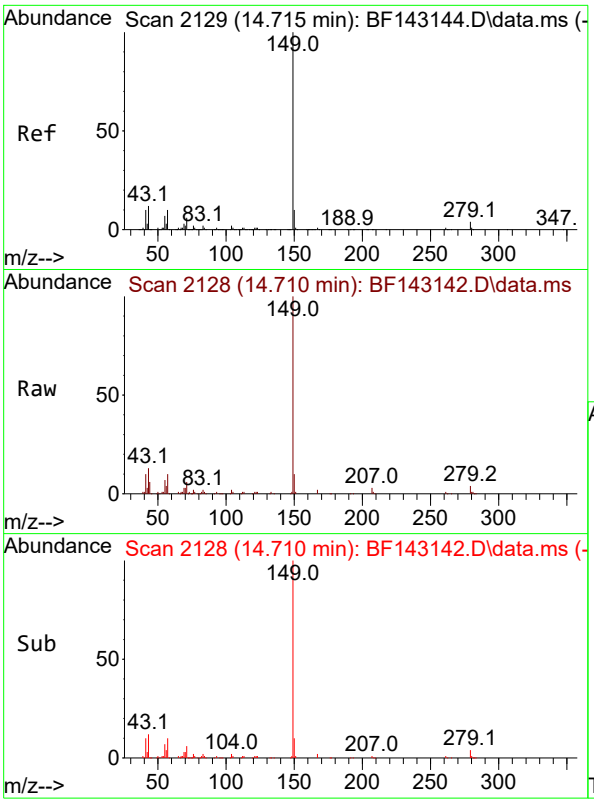


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.549 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 96191

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.3	33.5
279	3.7	3.6	5.4

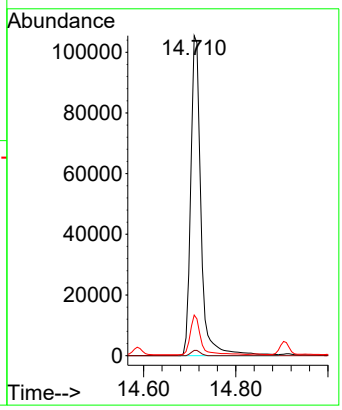




#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 16215

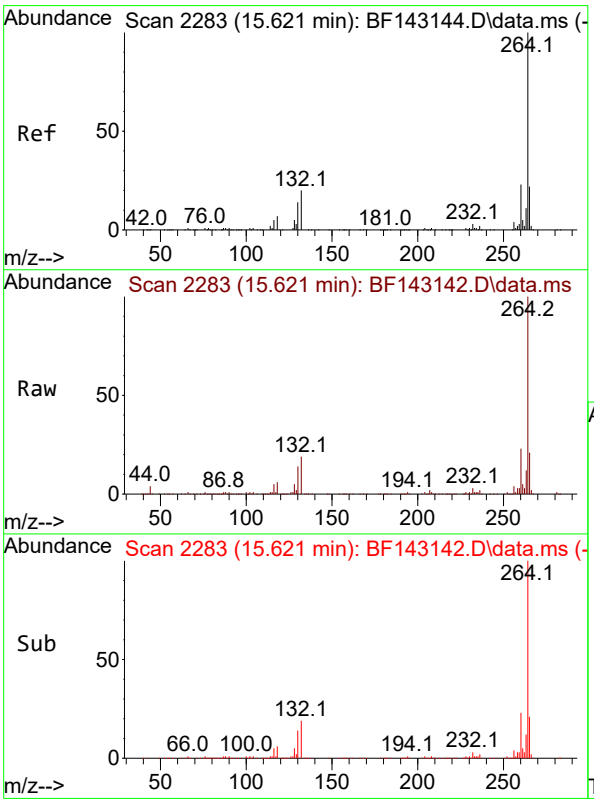
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.7	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

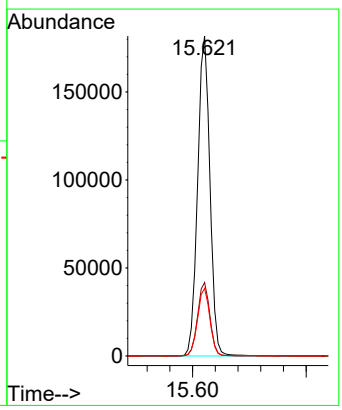
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

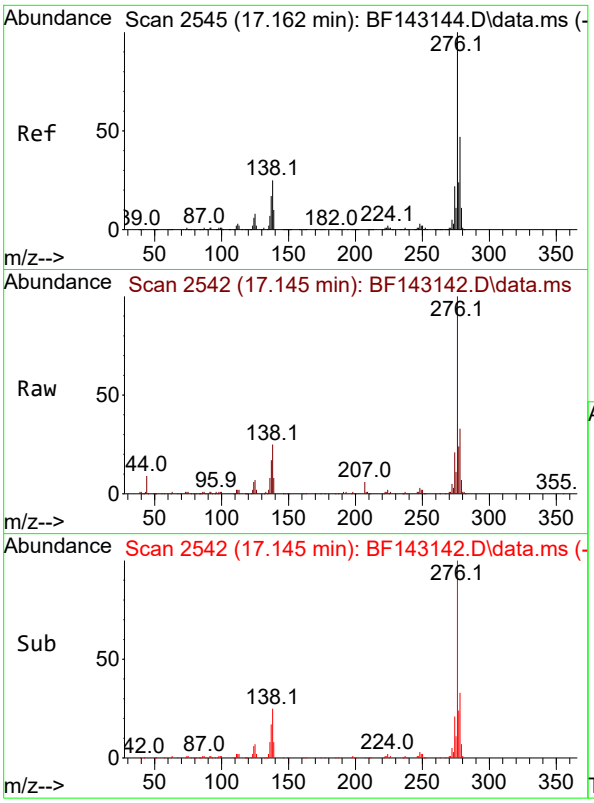


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:264 Resp: 273706

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.1	17.4	26.2

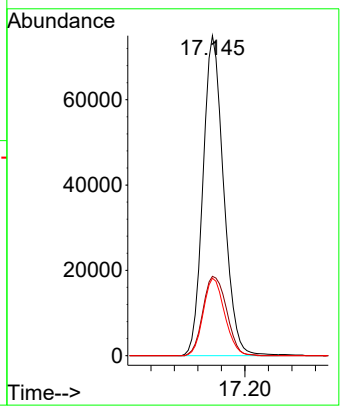




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 18286

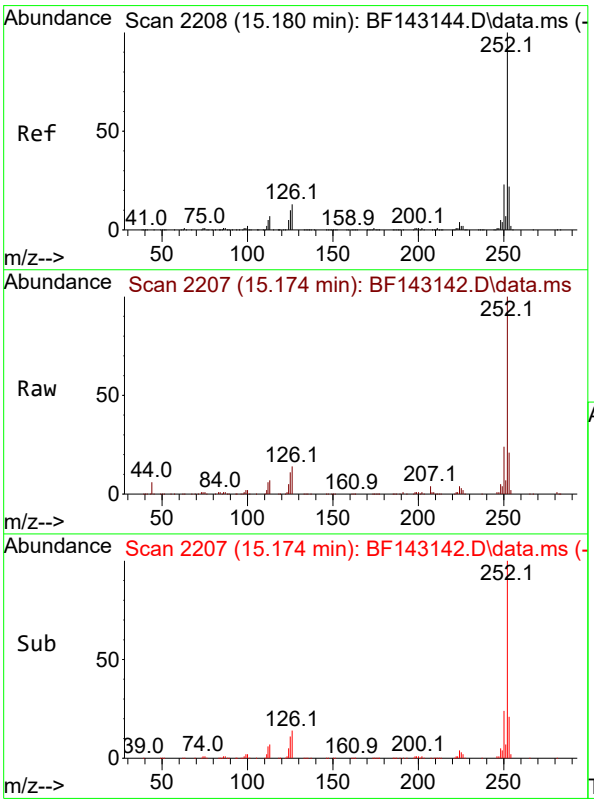
Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.6
277	25.1	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

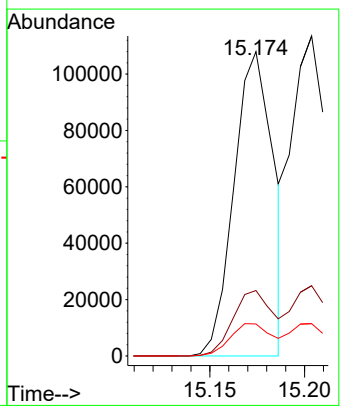
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

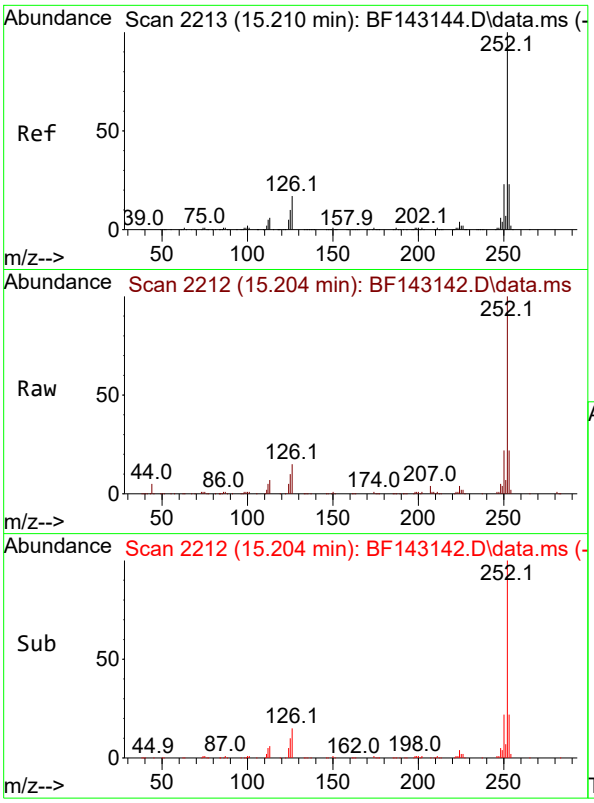


#88
Benzo(b)fluoranthene
Concen: 9.296 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 155430

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.5	8.0	12.0

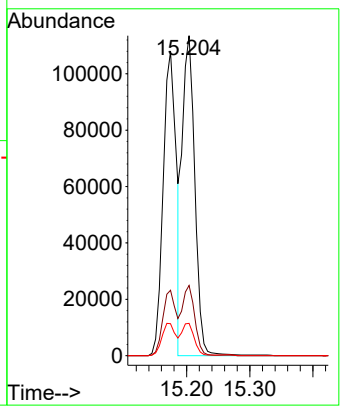




#89
Benzo(k)fluoranthene
Concen: 10.567 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 15766

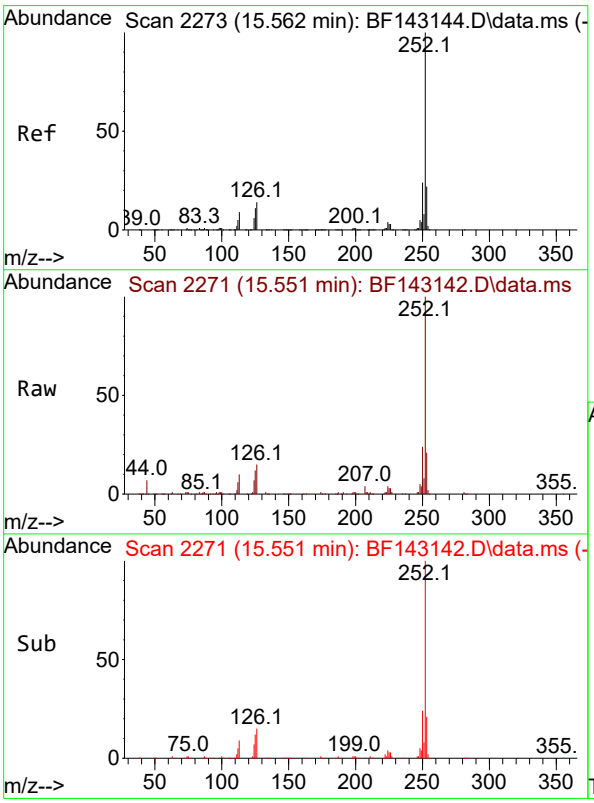
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

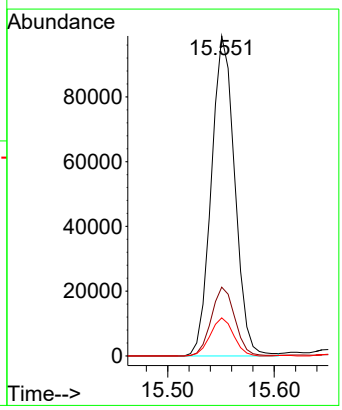
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

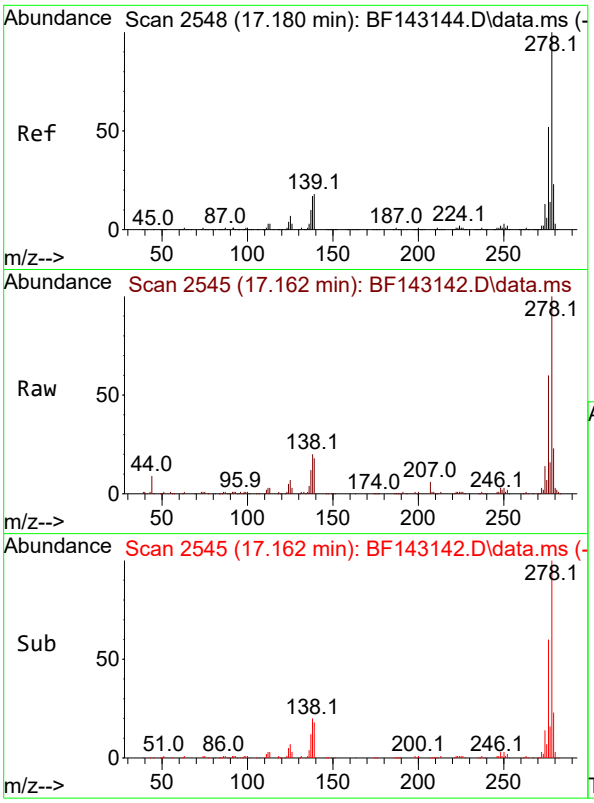


#90
Benzo(a)pyrene
Concen: 9.792 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 150853

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.9	8.6	13.0

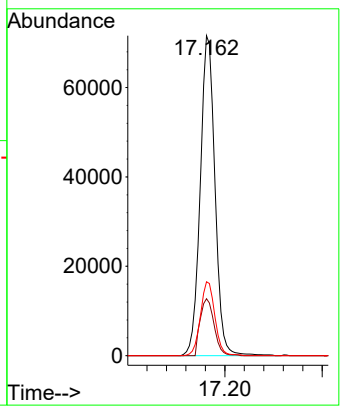




#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:278 Resp: 15097

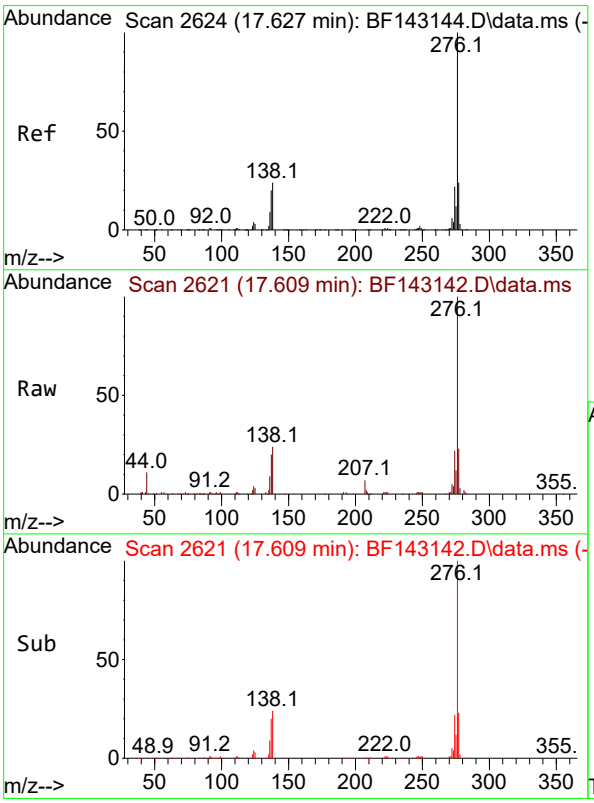
Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.1	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

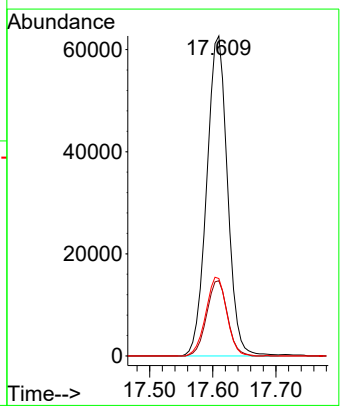
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 9.433 ng
RT: 17.609 min Scan# 2621
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 143342

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	24.2	18.9	28.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	168491	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	642580	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	329670	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	532921	20.000	ng		0.00
76) Chrysene-d12	14.121	240	305398	20.000	ng		0.00
86) Perylene-d12	15.621	264	338518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	444546	41.752	ng		0.00
7) Phenol-d6	6.575	99	558427	41.668	ng		-0.01
23) Nitrobenzene-d5	7.516	82	535581m	41.547	ng		0.00
42) 2,4,6-Tribromophenol	10.780	330	139748	41.034	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1019688	42.301	ng		0.00
79) Terphenyl-d14	13.063	244	866830	42.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	103481	20.540	ng		99
3) Pyridine	3.581	79	261405	19.990	ng		99
4) n-Nitrosodimethylamine	3.510	42	134638	19.942	ng		99
6) Aniline	6.622	93	382991	20.505	ng		99
8) 2-Chlorophenol	6.745	128	231044	20.702	ng		98
9) Benzaldehyde	6.510	77	196003	19.504	ng		98
10) Phenol	6.593	94	299259m	20.497	ng		
11) bis(2-Chloroethyl)ether	6.692	93	232425	20.792	ng		98
12) 1,3-Dichlorobenzene	6.904	146	251734	20.763	ng		99
13) 1,4-Dichlorobenzene	6.981	146	253137	20.733	ng		100
14) 1,2-Dichlorobenzene	7.134	146	243437	20.963	ng		99
15) Benzyl Alcohol	7.092	79	210016	20.524	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	428827	20.680	ng		100
17) 2-Methylphenol	7.198	107	192172	20.479	ng		99
18) Hexachloroethane	7.481	117	88036	20.828	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	173142	20.137	ng		97
20) 3+4-Methylphenols	7.351	107	247578	21.745	ng		96
22) Acetophenone	7.363	105	321774	21.151	ng	#	99
24) Nitrobenzene	7.534	77	249251	20.739	ng		98
25) Isophorone	7.775	82	457146	20.088	ng		99
26) 2-Nitrophenol	7.851	139	105681	20.261	ng		98
27) 2,4-Dimethylphenol	7.887	122	218960	20.594	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	283946	20.811	ng		100
29) 2,4-Dichlorophenol	8.092	162	184432	20.569	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	204103	21.070	ng		98
31) Naphthalene	8.263	128	662968	20.949	ng		100
32) Benzoic acid	7.957	122	95515m	19.382	ng		
33) 4-Chloroaniline	8.304	127	269101	20.825	ng		99
34) Hexachlorobutadiene	8.386	225	122624	20.722	ng		98
35) Caprolactam	8.651	113	53950	19.911	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	197317	20.246	ng		99
37) 2-Methylnaphthalene	8.957	142	403298	20.943	ng		100
38) 1-Methylnaphthalene	9.057	142	417629	21.060	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	198009	20.804	ng		99
41) Hexachlorocyclopentadiene	9.116	237	122922	19.848	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	135703	20.601	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng		99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng		100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng		99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng		99
49) Acenaphthylene	9.857	152	663048	20.789	ng		100
50) Dimethylphthalate	9.710	163	441768	20.558	ng		100
51) 2,6-Dinitrotoluene	9.769	165	89742	20.529	ng		97
52) Acenaphthene	10.033	154	390249	20.702	ng		99
53) 3-Nitroaniline	9.933	138	103870	20.314	ng		94
54) 2,4-Dinitrophenol	10.039	184	26820	19.073	ng	#	1
55) Dibenzofuran	10.204	168	582320	20.806	ng		98
56) 4-Nitrophenol	10.081	139	75275	19.715	ng		99
57) 2,4-Dinitrotoluene	10.169	165	112851	20.577	ng		99
58) Fluorene	10.545	166	435866	20.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	113851	20.859	ng		100
60) Diethylphthalate	10.410	149	440058	20.719	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	216496	20.699	ng		99
62) 4-Nitroaniline	10.545	138	87666	20.005	ng		99
63) Azobenzene	10.698	77	458013	20.690	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	46122	20.060	ng		95
66) n-Nitrosodiphenylamine	10.651	169	384467	20.488	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	128663	20.259	ng		99
68) Hexachlorobenzene	11.098	284	134031	20.191	ng		99
69) Atrazine	11.169	200	105386	20.370	ng		99
70) Pentachlorophenol	11.280	266	77906	19.957	ng		99
71) Phenanthrene	11.510	178	595411	21.042	ng		99
72) Anthracene	11.557	178	604416	20.944	ng		99
73) Carbazole	11.704	167	523365	20.769	ng		100
74) Di-n-butylphthalate	12.039	149	601867	21.108	ng		100
75) Fluoranthene	12.692	202	542662	20.894	ng		99
77) Benzidine	12.810	184	257904	21.919	ng		99
78) Pyrene	12.922	202	544650	20.897	ng		99
80) Butylbenzylphthalate	13.539	149	163546	20.491	ng		99
81) Benzo(a)anthracene	14.110	228	421791	20.629	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	151153	22.181	ng		100
83) Chrysene	14.145	228	380799	20.714	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	251739	20.839	ng		99
85) Di-n-octyl phthalate	14.716	149	436102	19.916	ng		99
87) Indeno(1,2,3-cd)pyrene	17.151	276	484240	20.286	ng		99
88) Benzo(b)fluoranthene	15.174	252	435747	21.071	ng		99
89) Benzo(k)fluoranthene	15.204	252	369899	20.044	ng		100
90) Benzo(a)pyrene	15.557	252	388136	20.371	ng		99
91) Dibenzo(a,h)anthracene	17.168	278	398949	20.534	ng		99
92) Benzo(g,h,i)perylene	17.615	276	385915	20.534	ng		99

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

ICAL Form

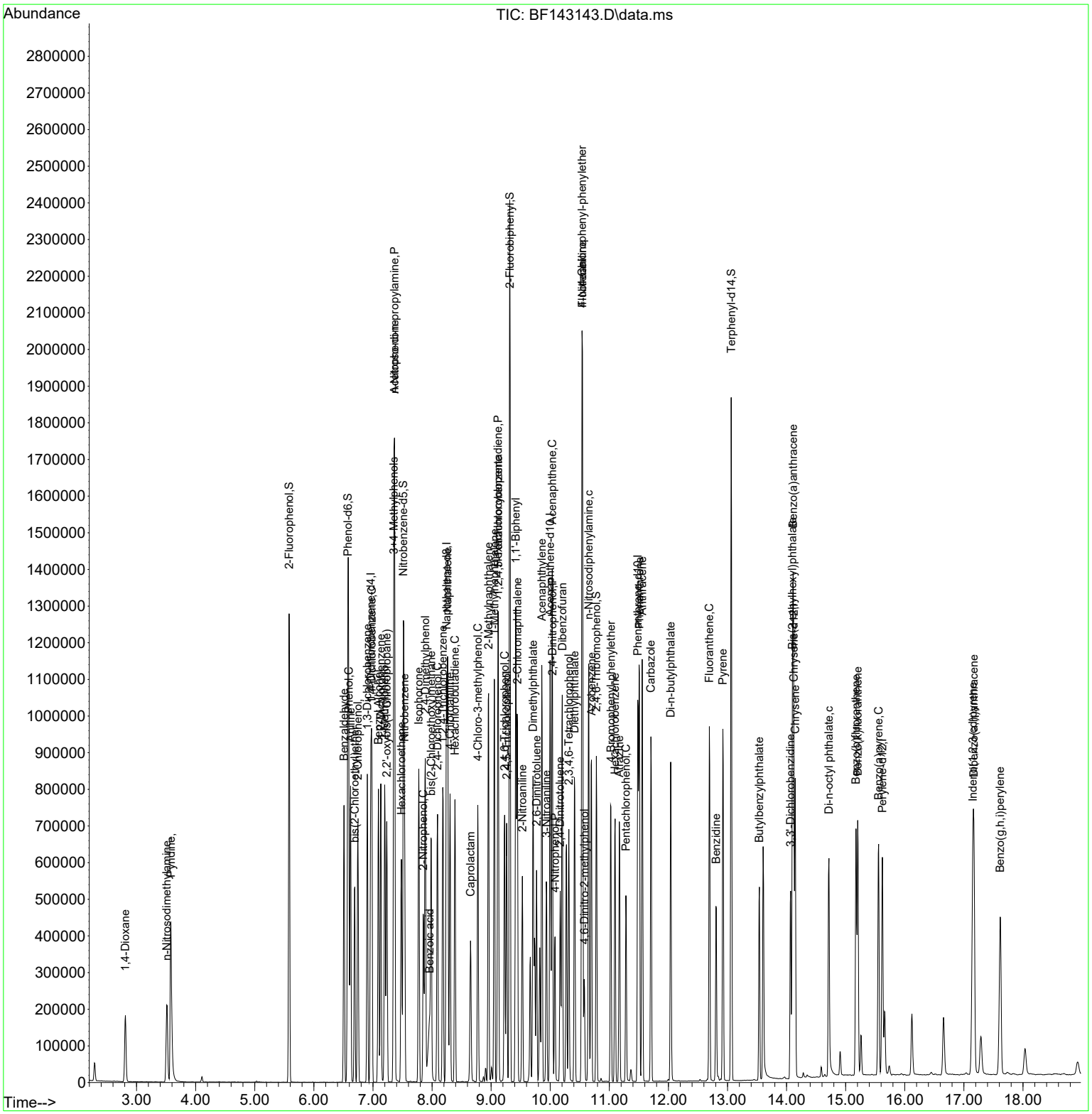
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

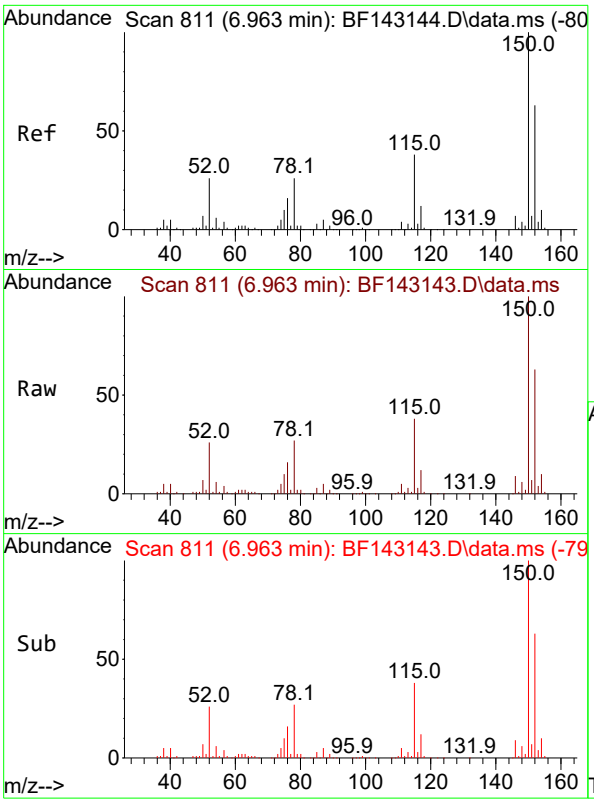
Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

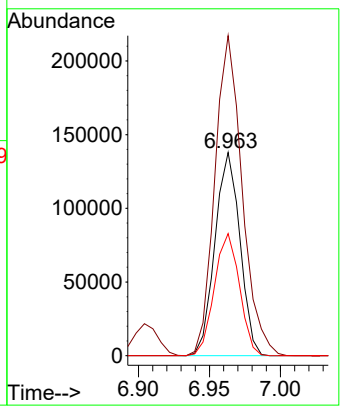




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:152 Resp: 16849

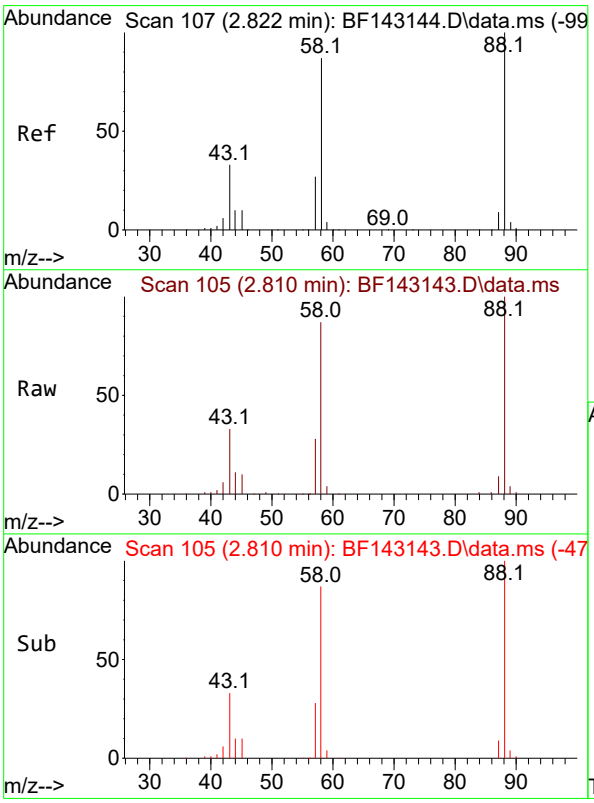
Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.2	192.4
115	60.1	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

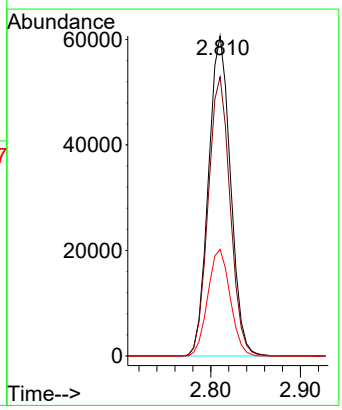
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

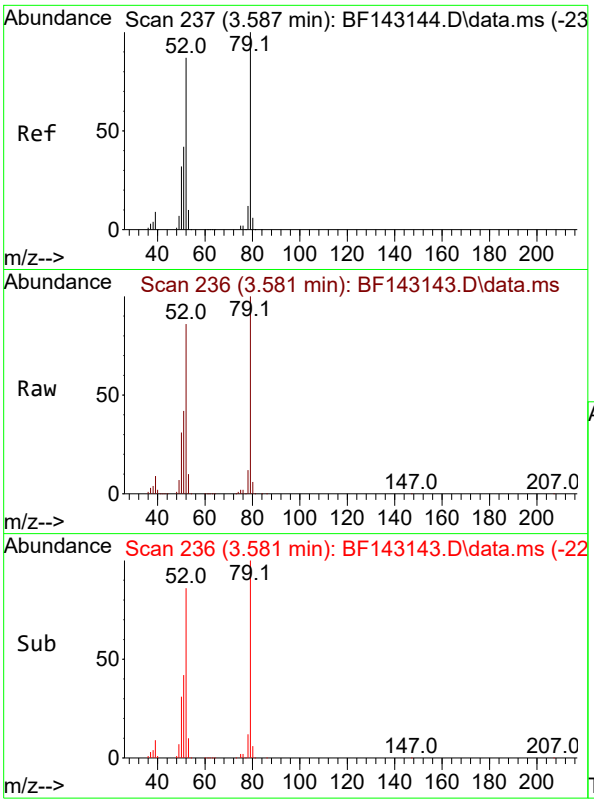


#2
1,4-Dioxane
Concen: 20.540 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 88 Resp: 103481

Ion	Ratio	Lower	Upper
88	100		
58	86.7	70.2	105.2
43	33.8	27.1	40.7

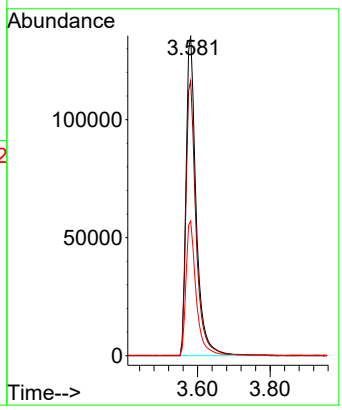




#3
Pyridine
Concen: 19.990 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 79 Resp: 26140

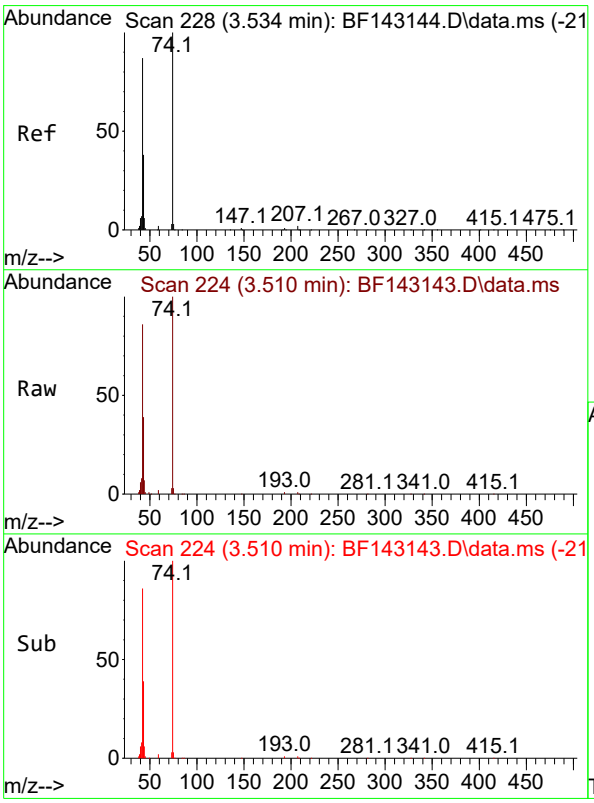
Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.4	104.2
51	42.1	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

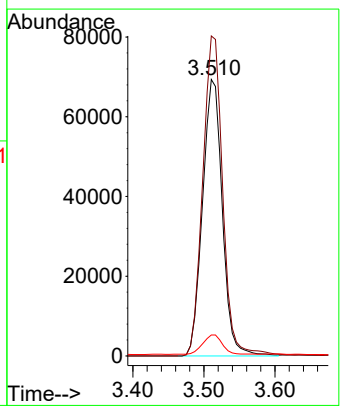
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

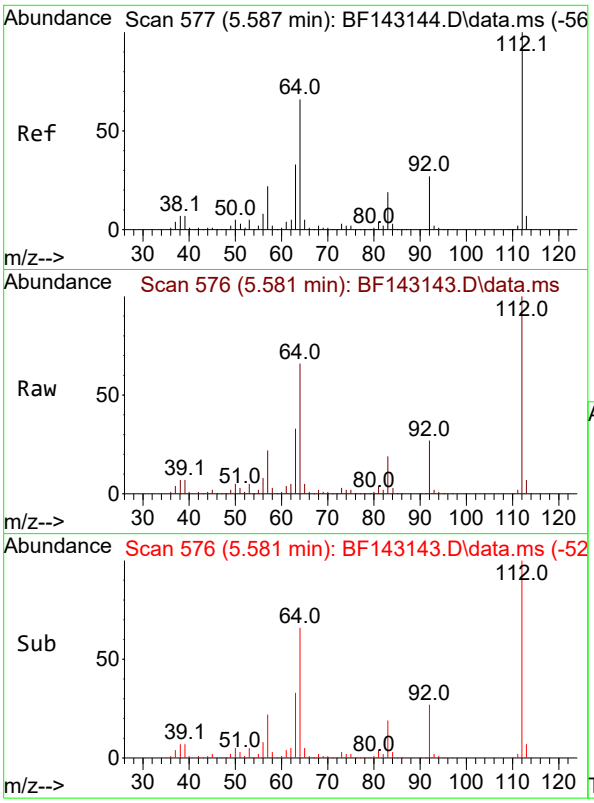


#4
n-Nitrosodimethylamine
Concen: 19.942 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 42 Resp: 134638

Ion	Ratio	Lower	Upper
42	100		
74	115.7	91.7	137.5
44	7.6	5.6	8.4

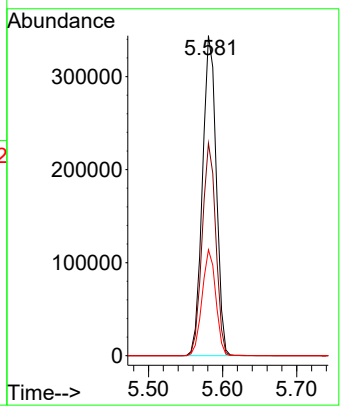




#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:112 Resp: 44454

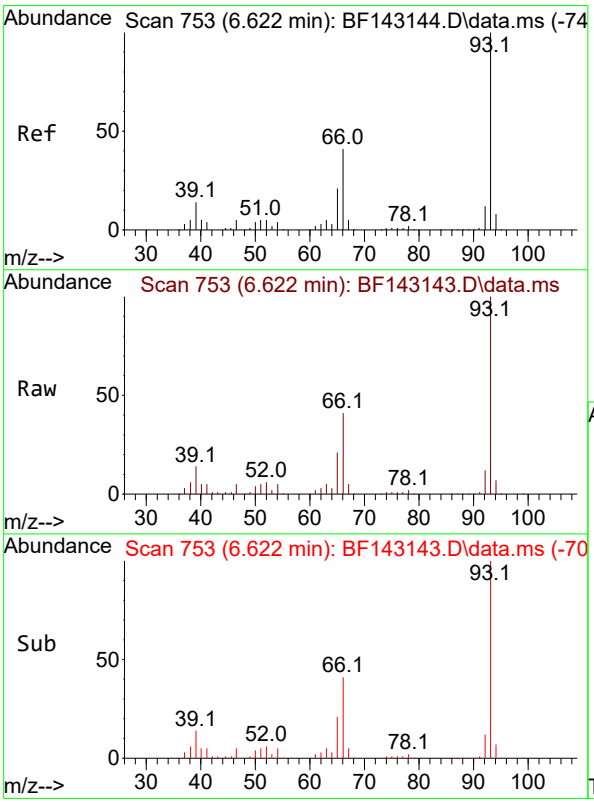
Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.1	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

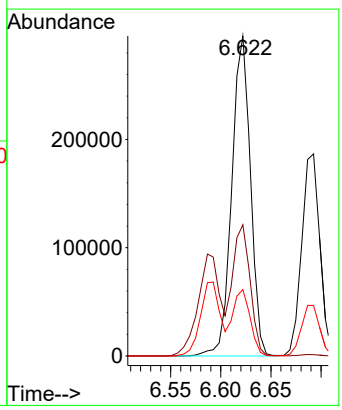
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

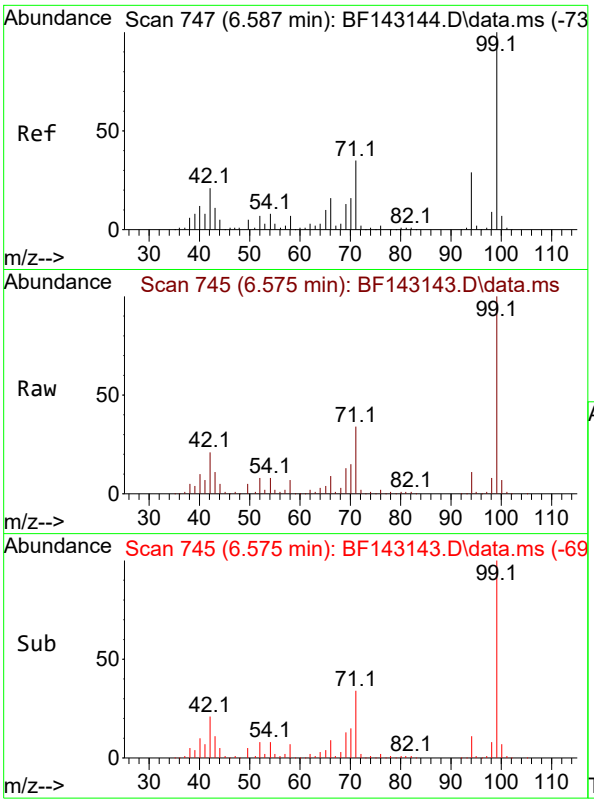


#6
Aniline
Concen: 20.505 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 382991

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.7	16.9	25.3





#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

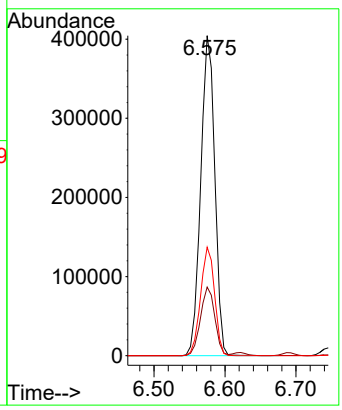
Tgt Ion: 99 Resp: 55842

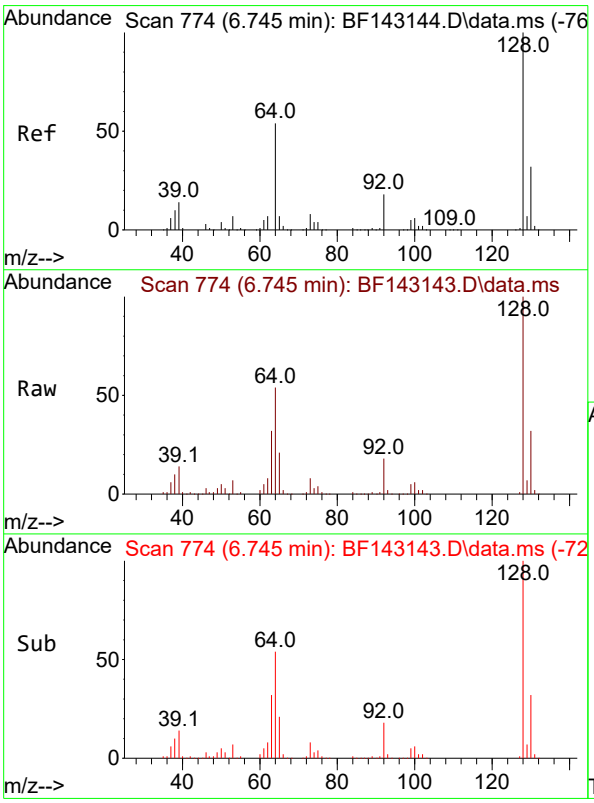
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	33.9	27.7	41.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

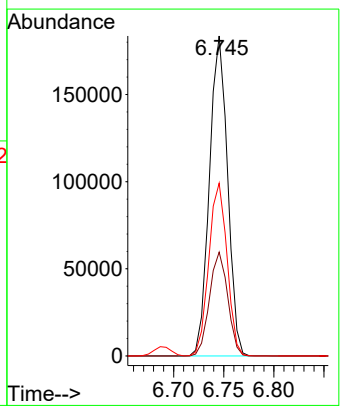


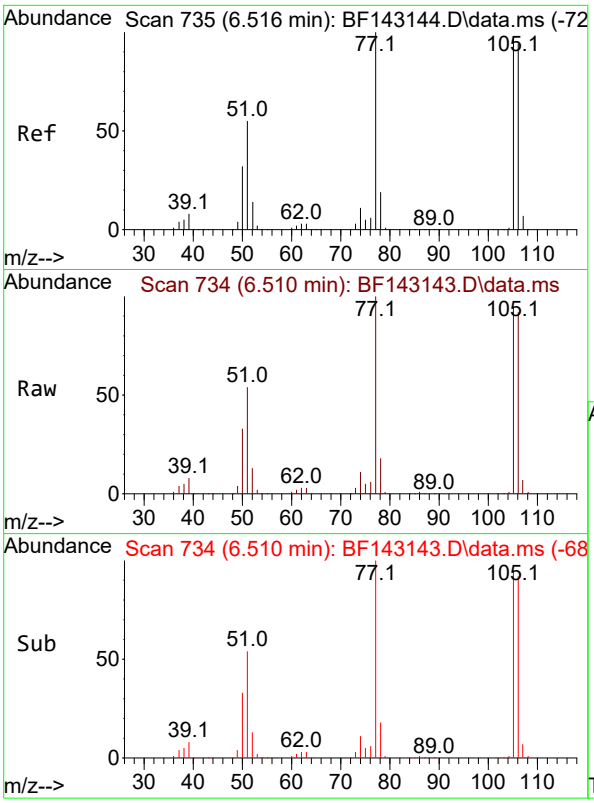


#8
2-Chlorophenol
Concen: 20.702 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 231044

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	54.0	35.9	75.9

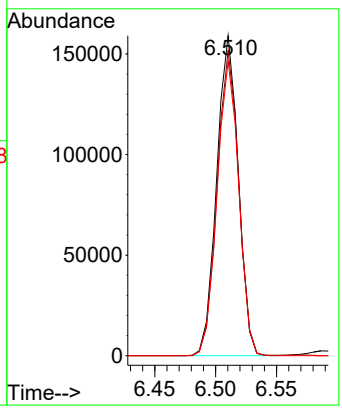




#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 19600

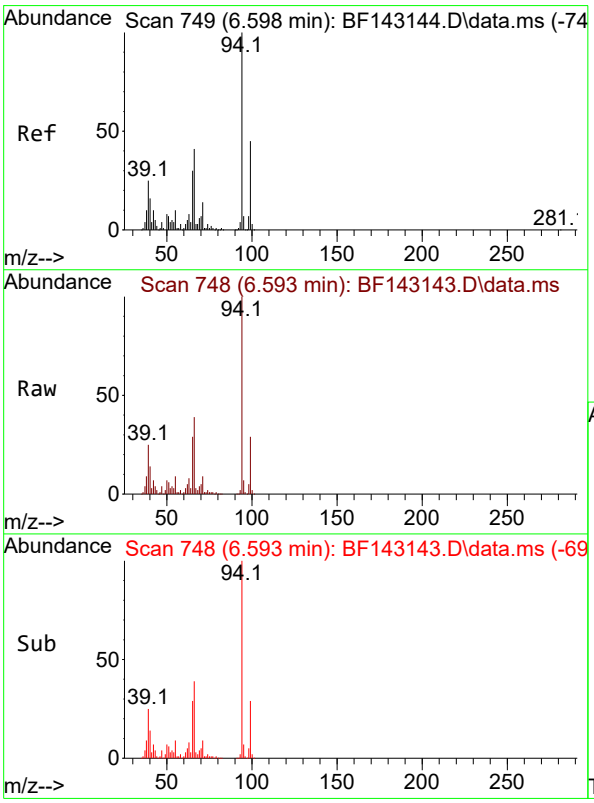
Ion	Ratio	Lower	Upper
77	100		
105	95.3	76.8	116.8
106	92.0	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

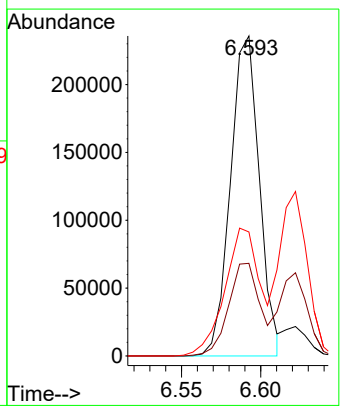
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

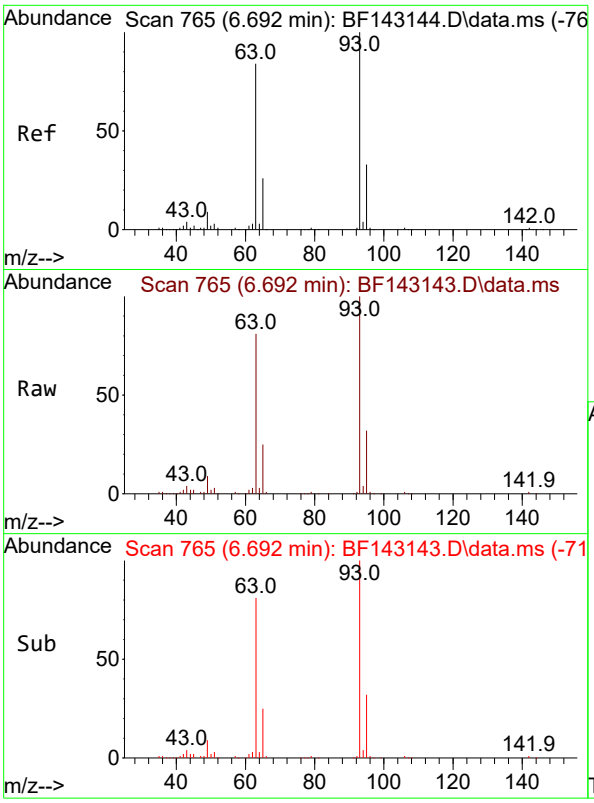


#10
Phenol
Concen: 20.497 ng m
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 94 Resp: 299259

Ion	Ratio	Lower	Upper
94	100		
65	29.0	10.0	50.0
66	38.8	20.8	60.8

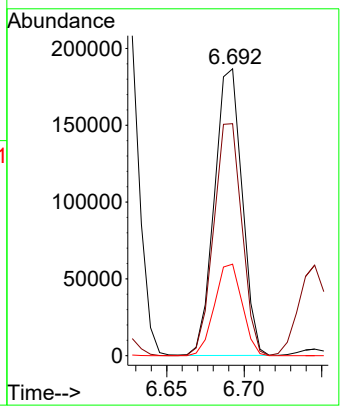




#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 23242

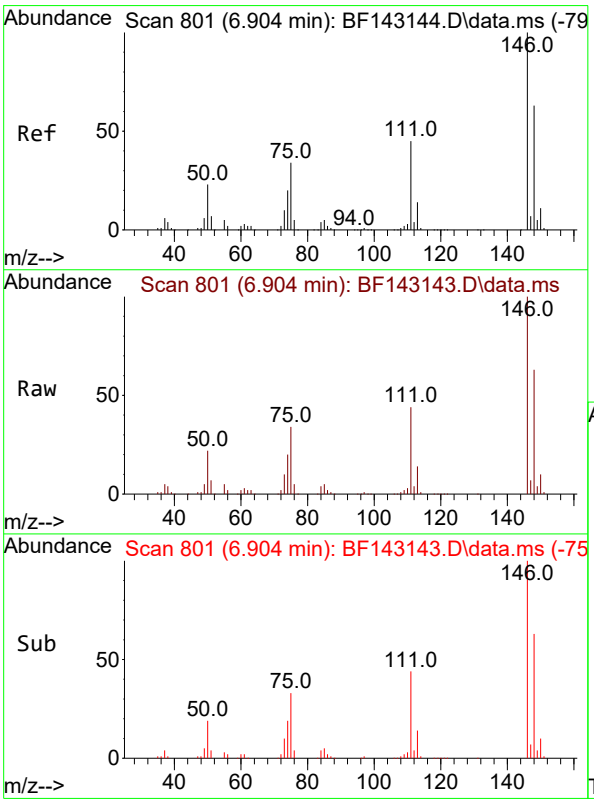
Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.4	103.4
95	31.9	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

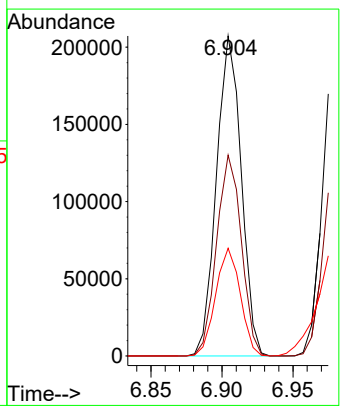
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

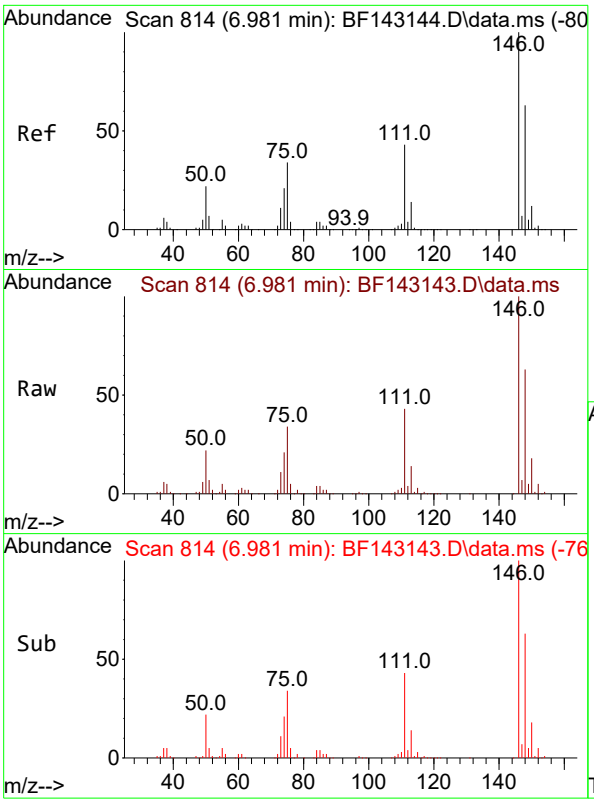


#12
1,3-Dichlorobenzene
Concen: 20.763 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 251734

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
75	33.7	27.4	41.2

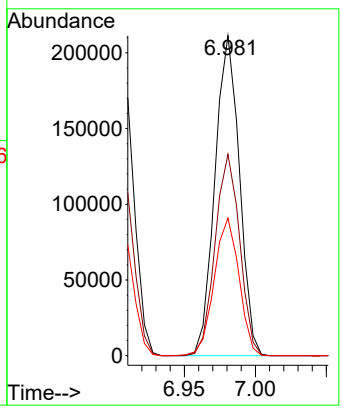




#13
1,4-Dichlorobenzene
Concen: 20.733 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 25313

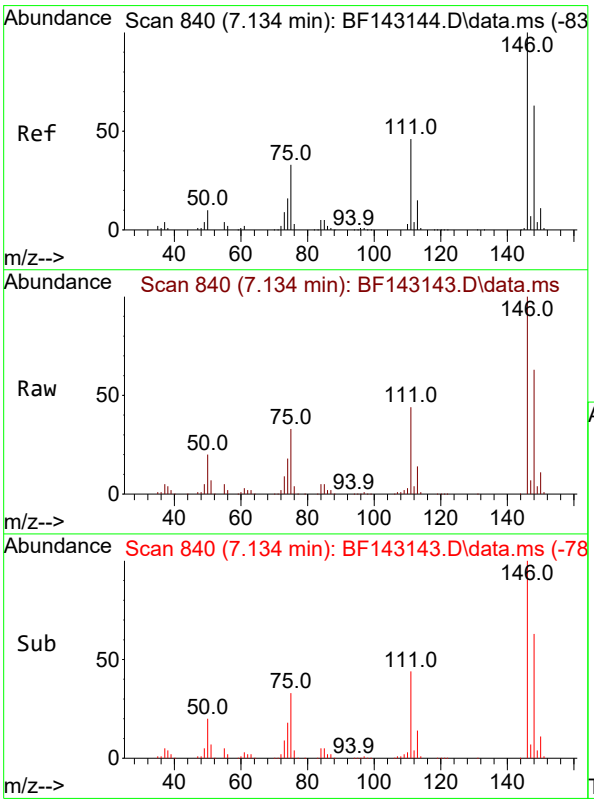
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

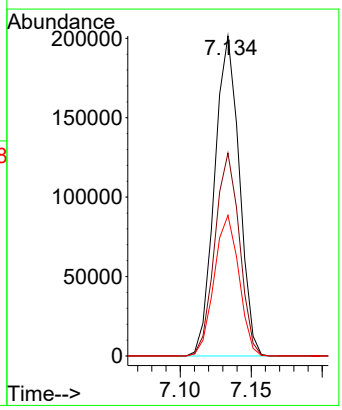
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

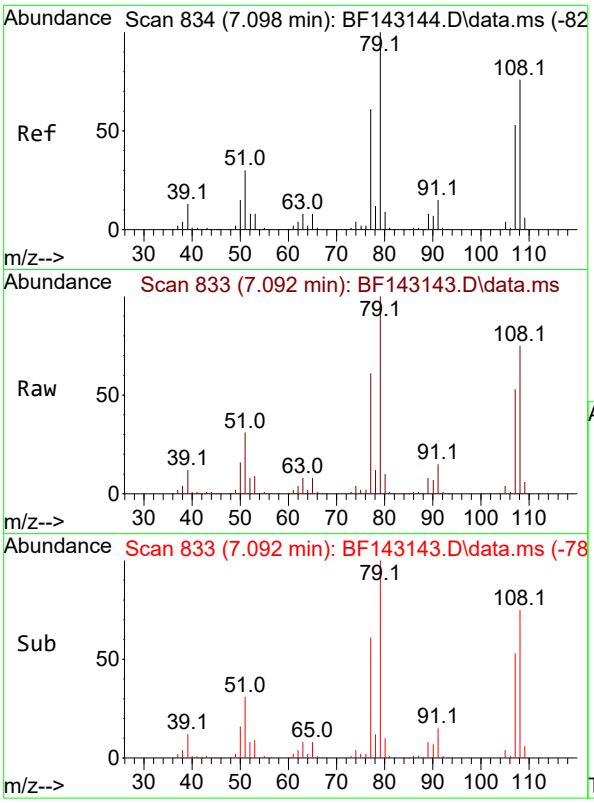


#14
1,2-Dichlorobenzene
Concen: 20.963 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 243437

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	44.0	36.6	54.8





#15
Benzyl Alcohol
Concen: 20.524 ng
RT: 7.092 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

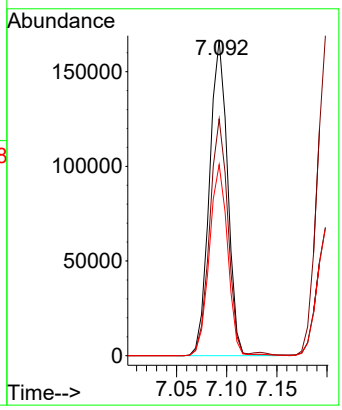
Tgt Ion: 79 Resp: 21001

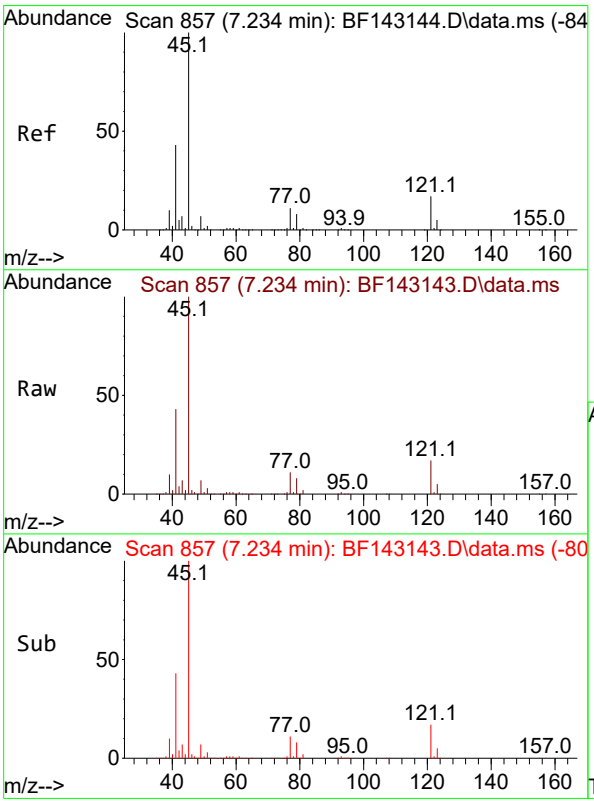
Ion	Ratio	Lower	Upper
79	100		
108	75.0	61.1	91.7
77	60.5	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

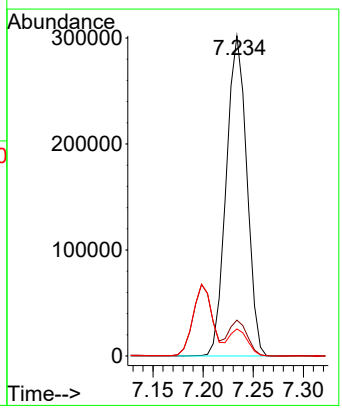


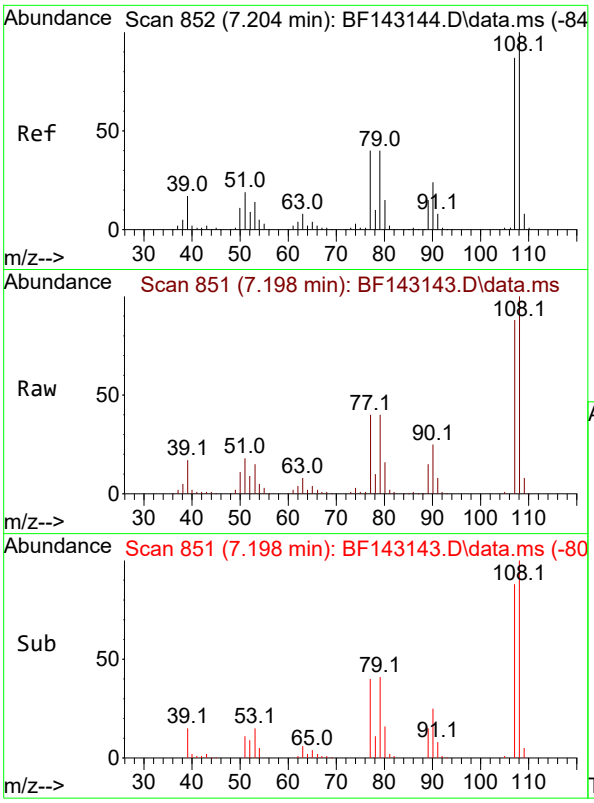


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.680 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 45 Resp: 428827

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.4	0.0	28.5

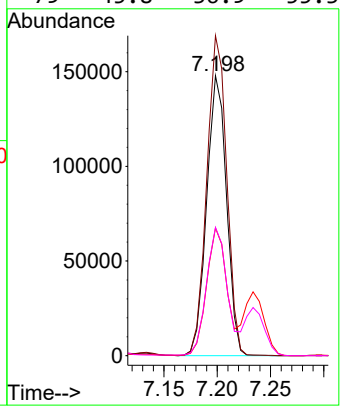




#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 19217

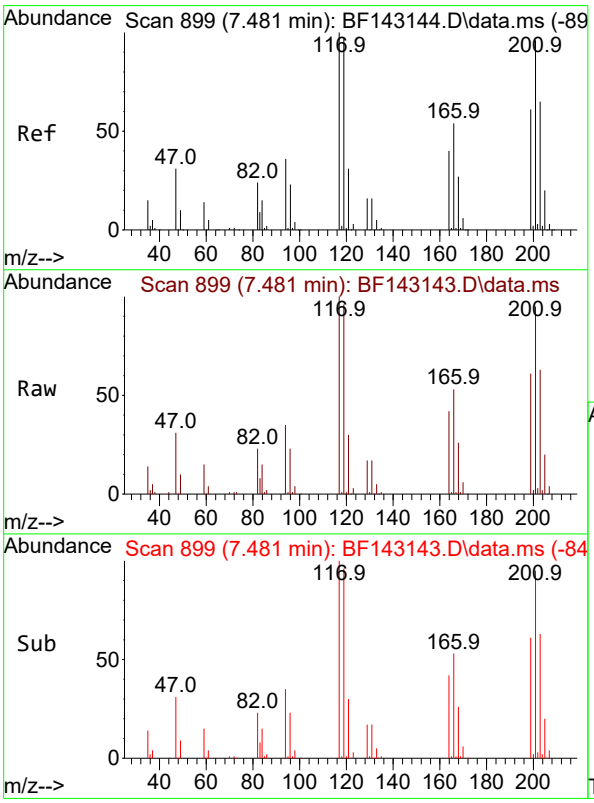
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.8	137.6
77	45.6	37.0	55.6
79	45.8	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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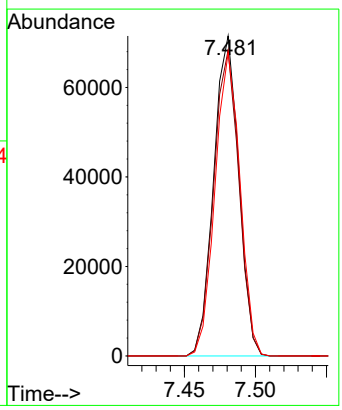
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

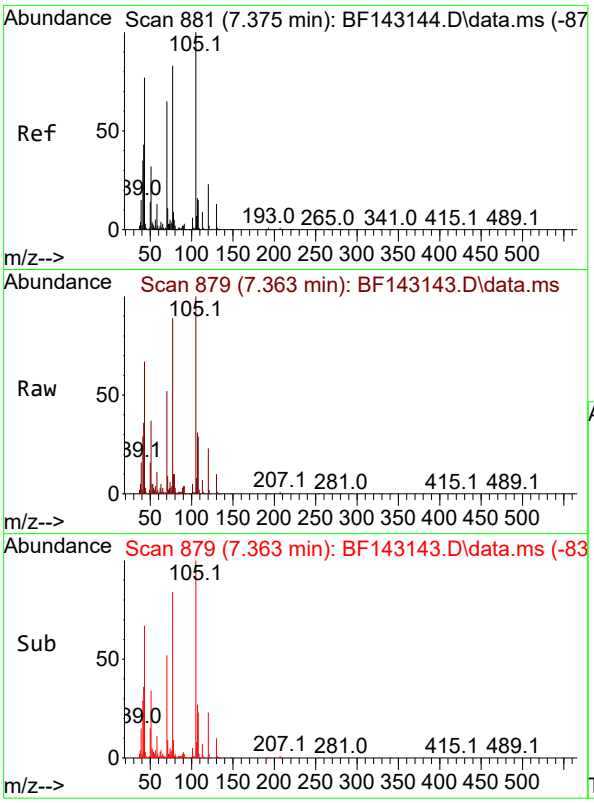


#18
Hexachloroethane
Concen: 20.828 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:117 Resp: 88036

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	94.8	77.0	115.4

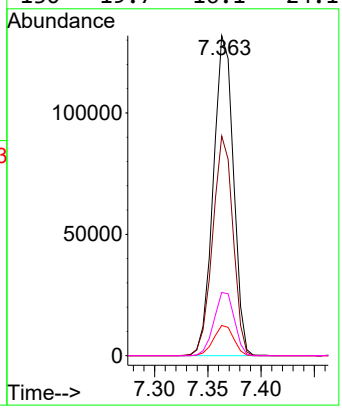




#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 70 Resp: 17314

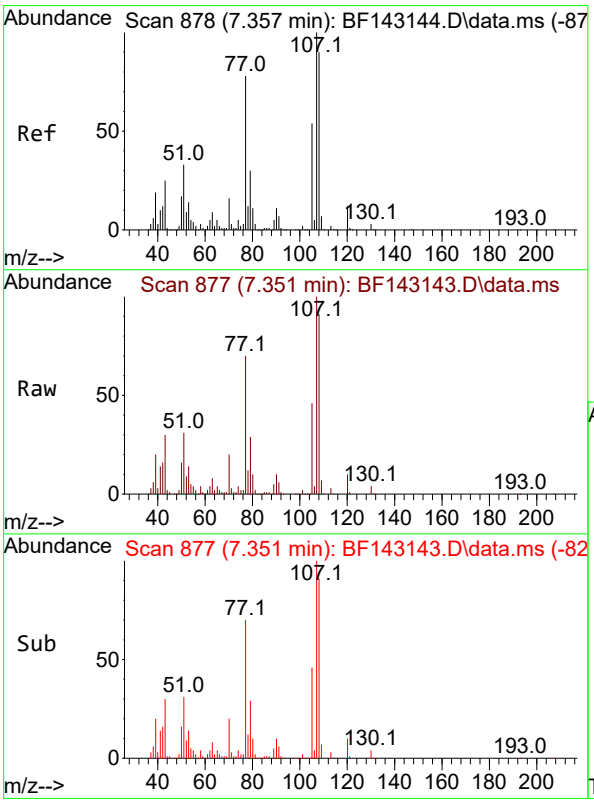
Ion	Ratio	Lower	Upper
70	100		
42	68.6	52.5	78.7
101	9.4	7.6	11.4
130	19.7	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

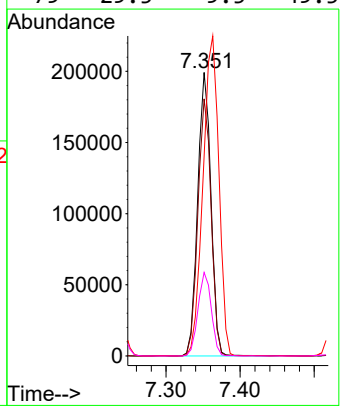
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

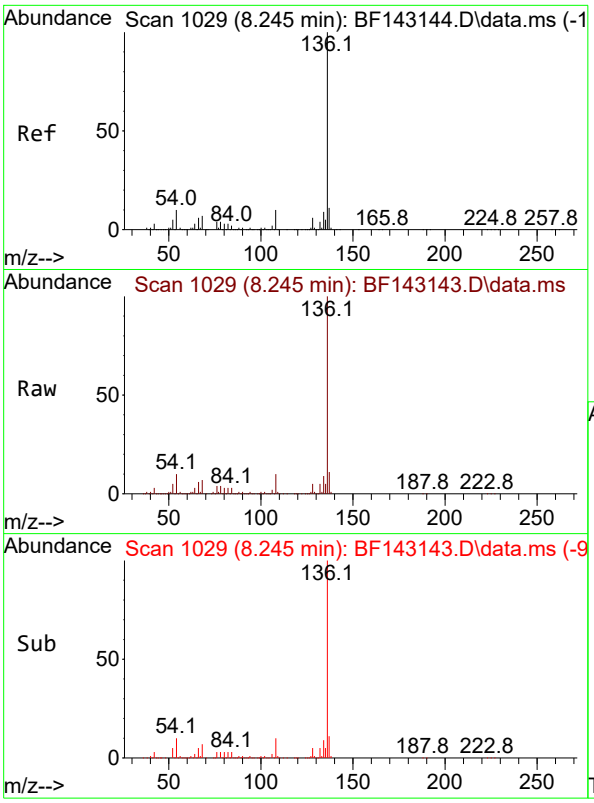


#20
3+4-Methylphenols
Concen: 21.745 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	70.4	57.8	97.8
79	29.5	9.5	49.5

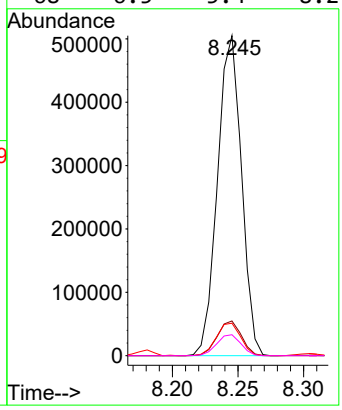




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:136 Resp: 64258

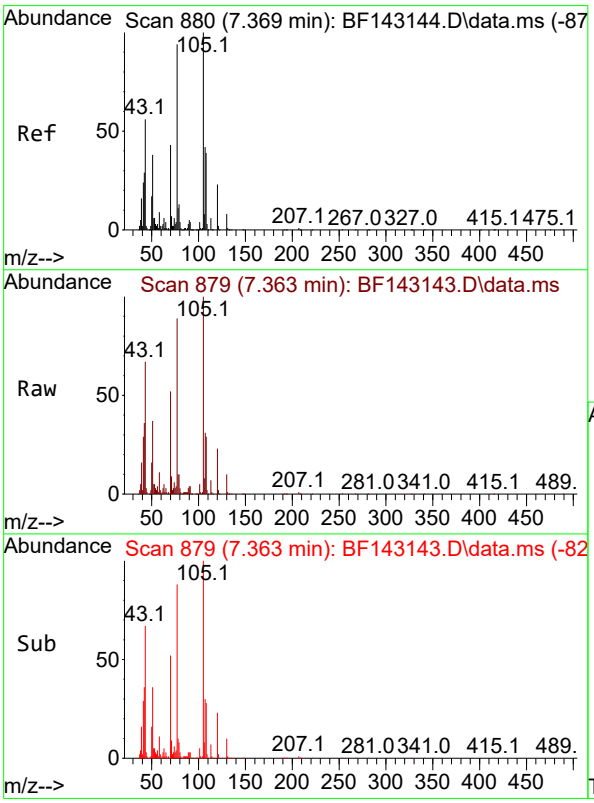
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.2	8.2	12.2
68	6.5	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

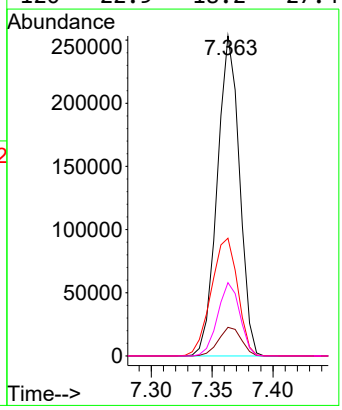
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

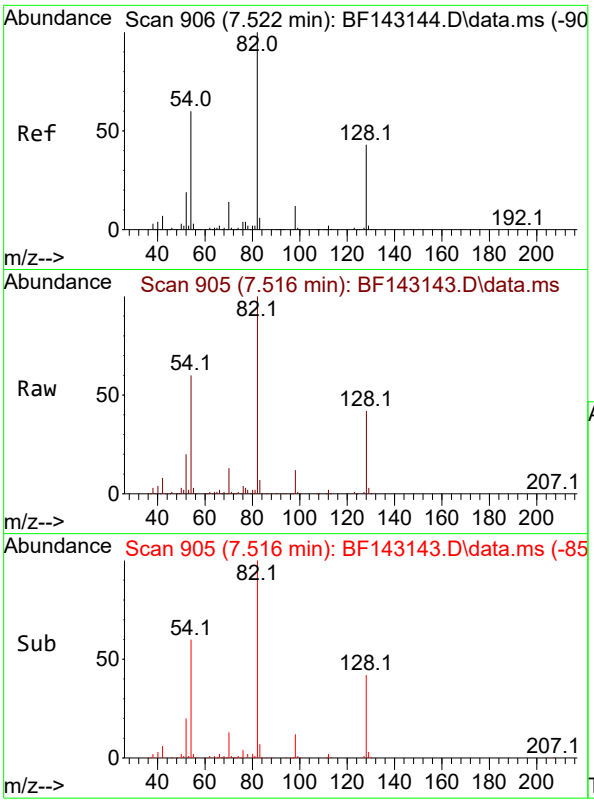


#22
Acetophenone
Concen: 21.151 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:105 Resp: 321774

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6#
51	36.8	30.2	45.2
120	22.9	18.2	27.4

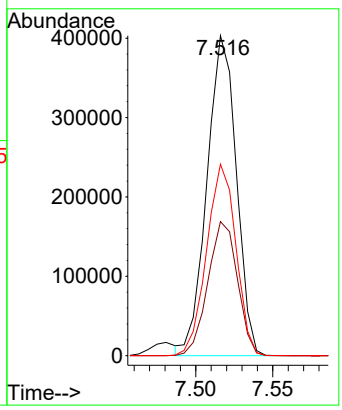




#23
Nitrobenzene-d5
Concen: 41.547 ng m
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 82 Resp: 53558

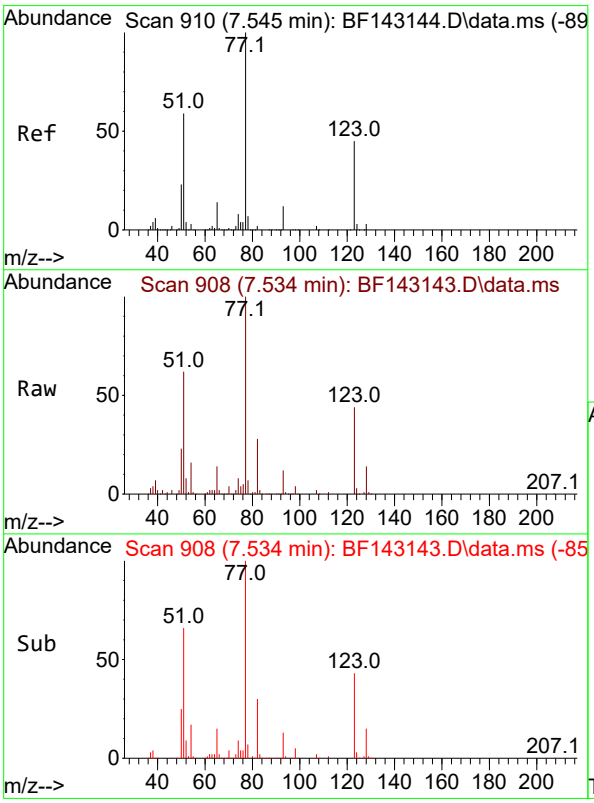
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.6	50.4
54	59.8	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

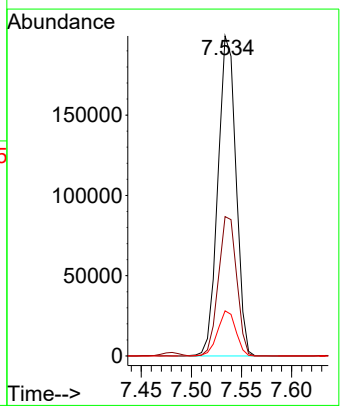
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

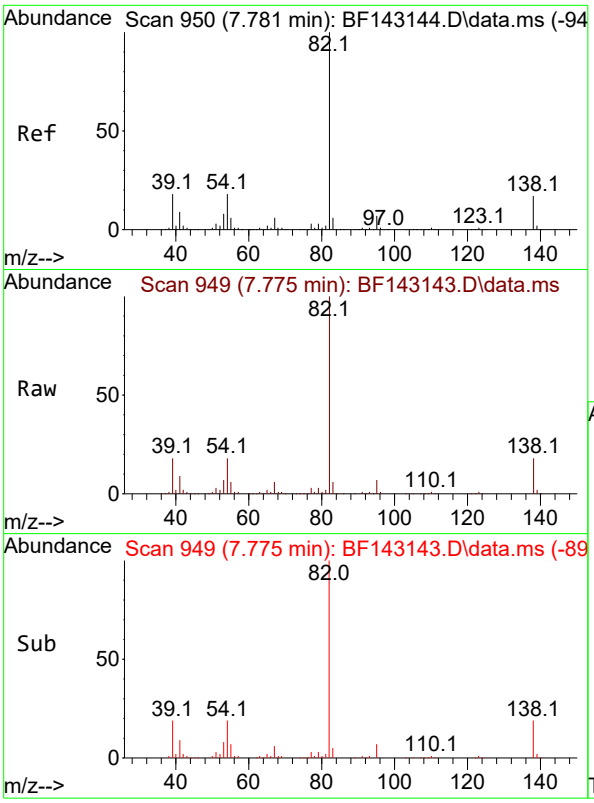


#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 249251

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.1	11.4	17.2

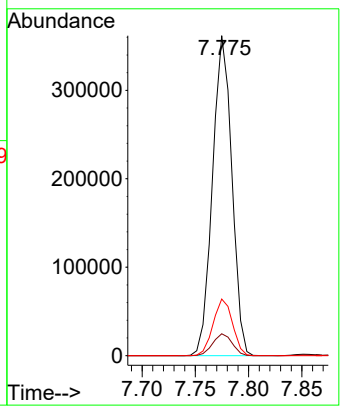




#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 82 Resp: 45714

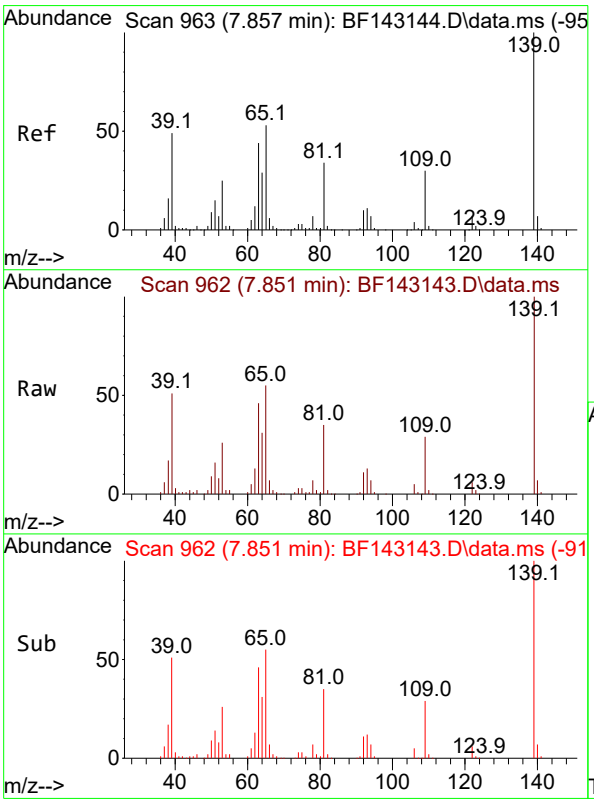
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.7	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

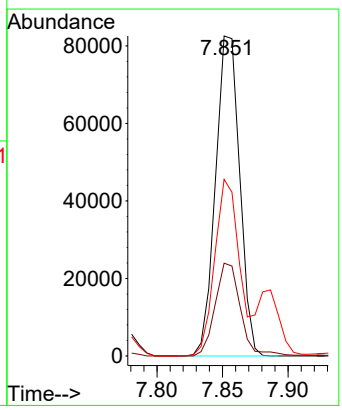
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

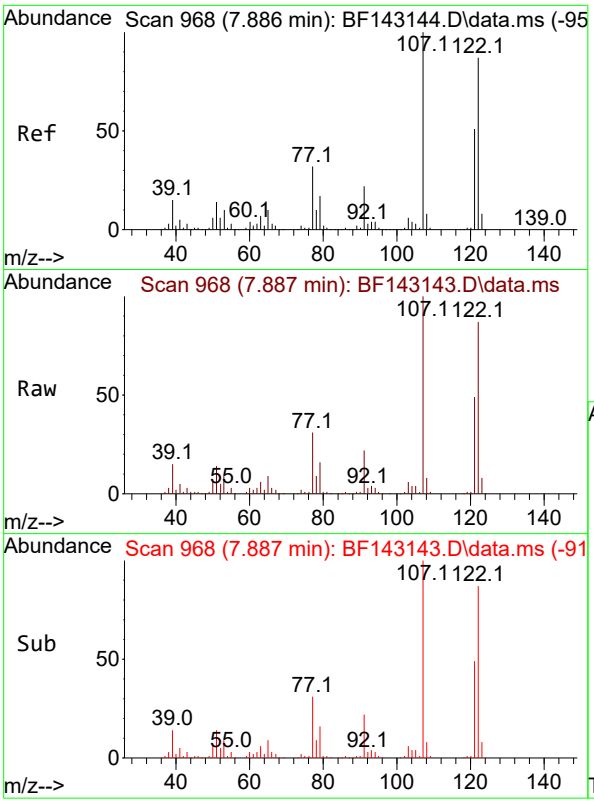


#26
2-Nitrophenol
Concen: 20.261 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 105681

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.2	42.6	64.0

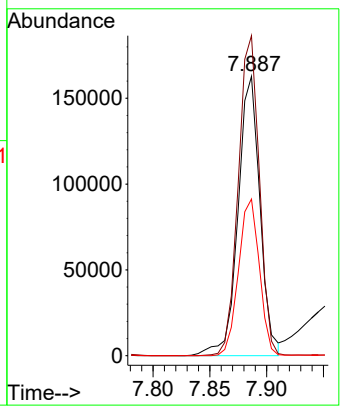




#27
2,4-Dimethylphenol
Concen: 20.594 ng
RT: 7.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 21896

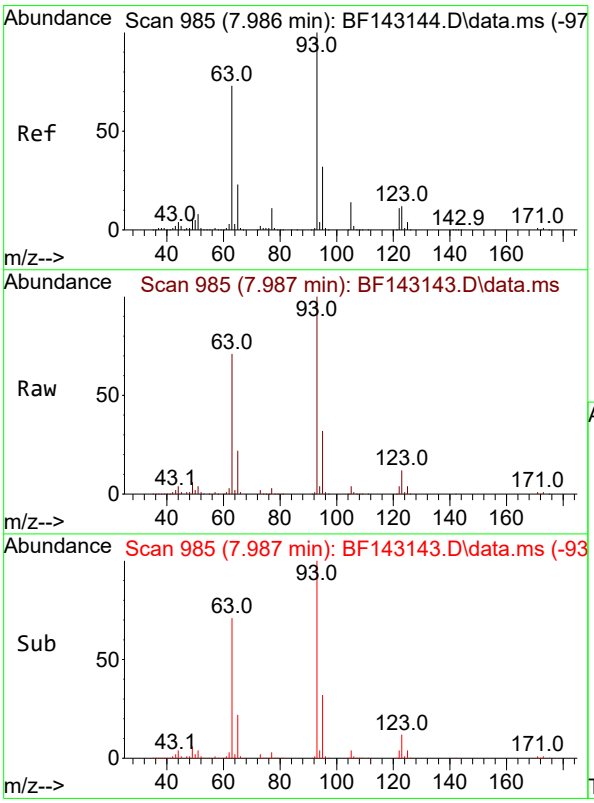
Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.8	137.6
121	56.1	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

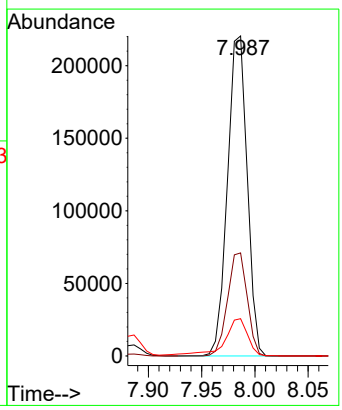
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

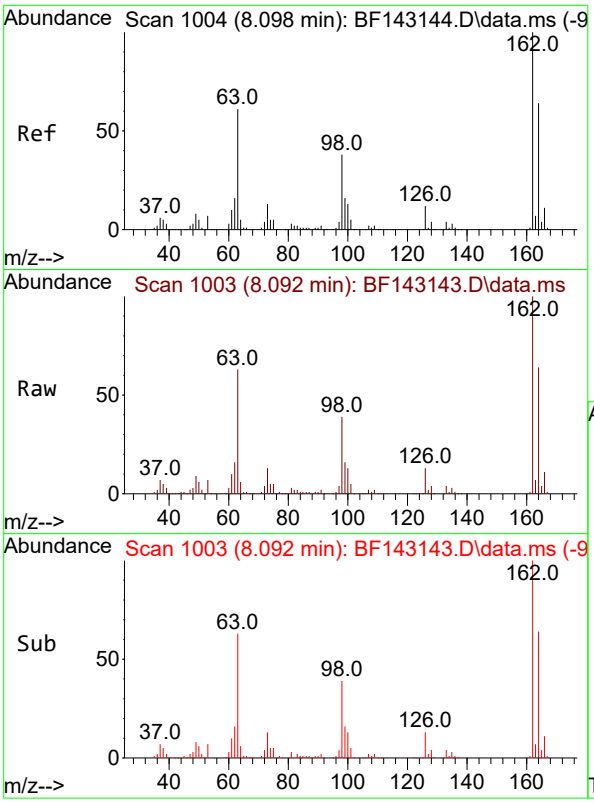


#28
bis(2-Chloroethoxy)methane
Concen: 20.811 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 283946

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.6	9.7	14.5

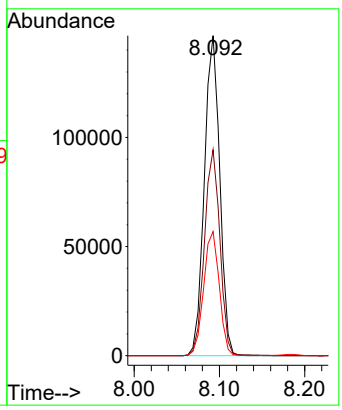




#29
2,4-Dichlorophenol
Concen: 20.569 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:162 Resp: 18443

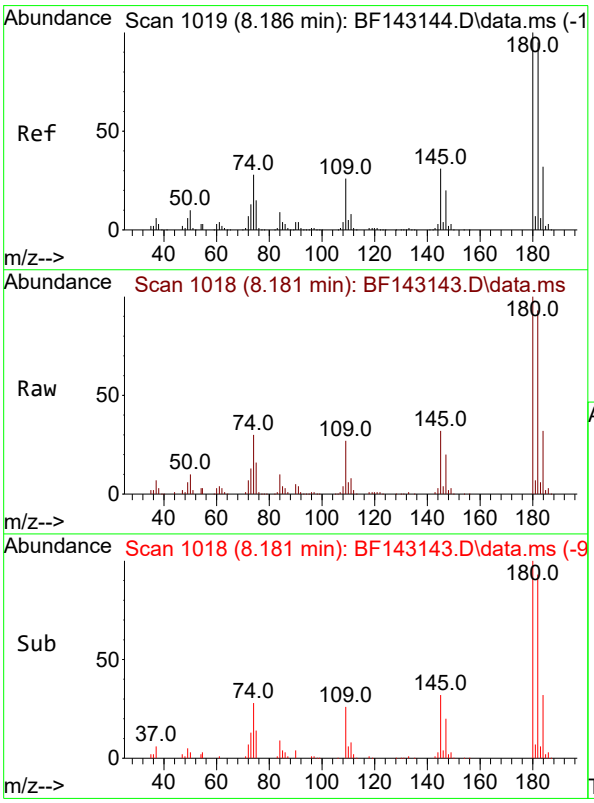
Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	38.8	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

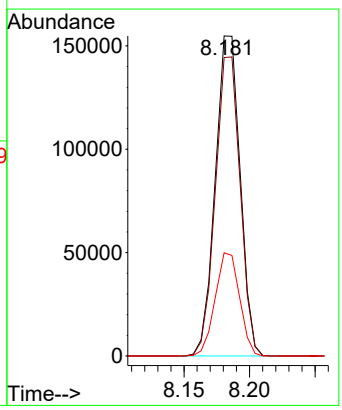
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

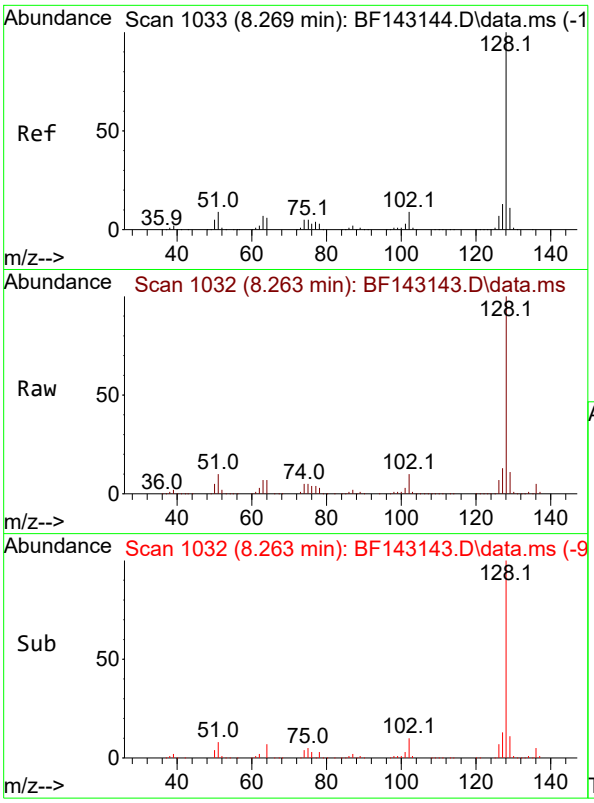


#30
1,2,4-Trichlorobenzene
Concen: 21.070 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:180 Resp: 204103

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.2	114.2
145	32.2	25.0	37.6

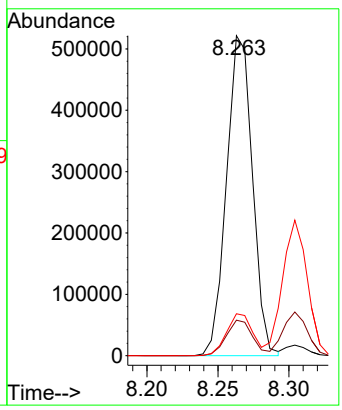




#31
Naphthalene
Concen: 20.949 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 66296

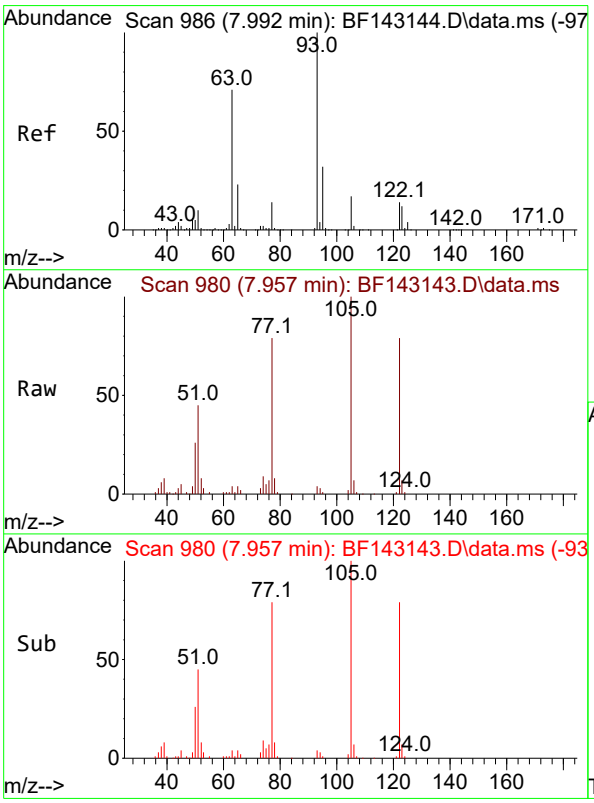
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

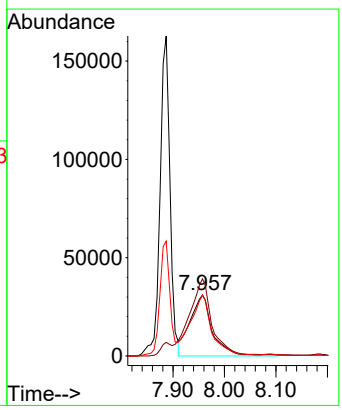
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

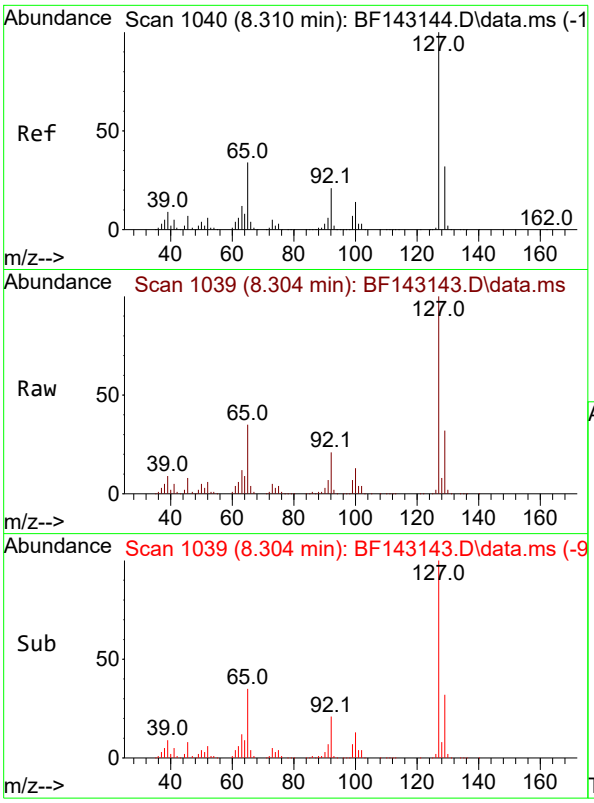


#32
Benzoic acid
Concen: 19.382 ng m
RT: 7.957 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 95515

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	99.7	77.6	117.6

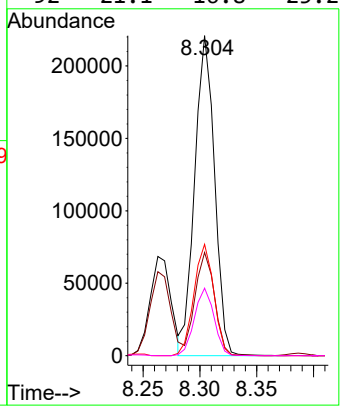




#33
4-Chloroaniline
Concen: 20.825 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:127 Resp: 26910

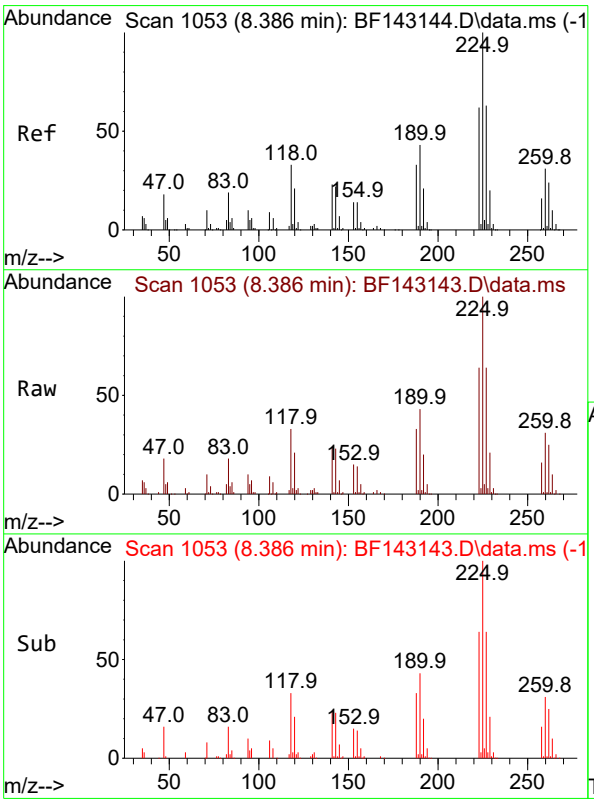
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	34.8	27.4	41.2
92	21.1	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

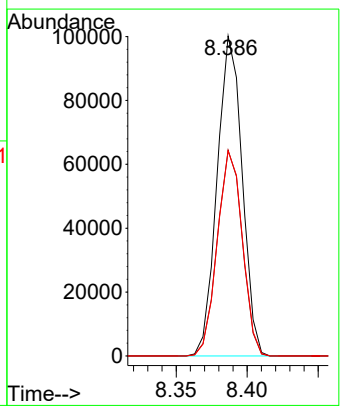
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

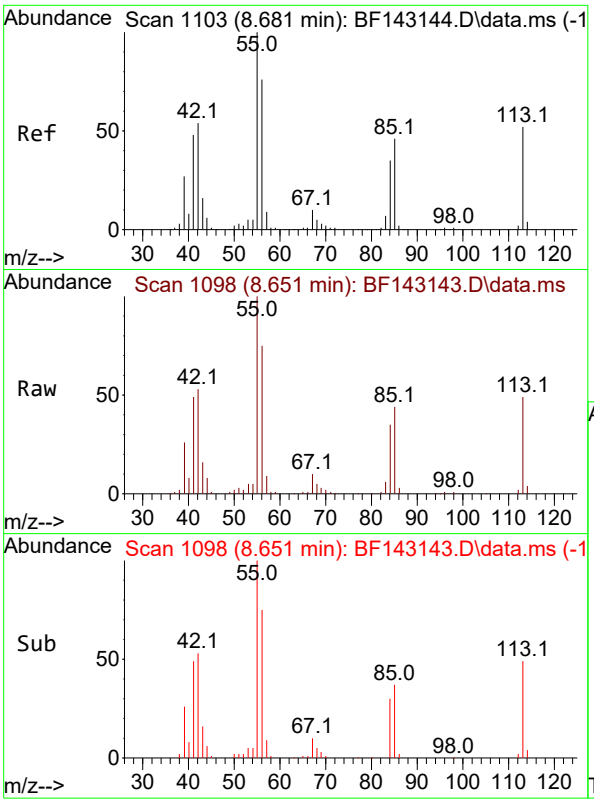


#34
Hexachlorobutadiene
Concen: 20.722 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:225 Resp: 122624

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	64.1	50.2	75.4





#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

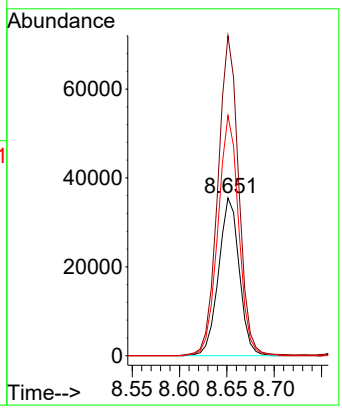
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

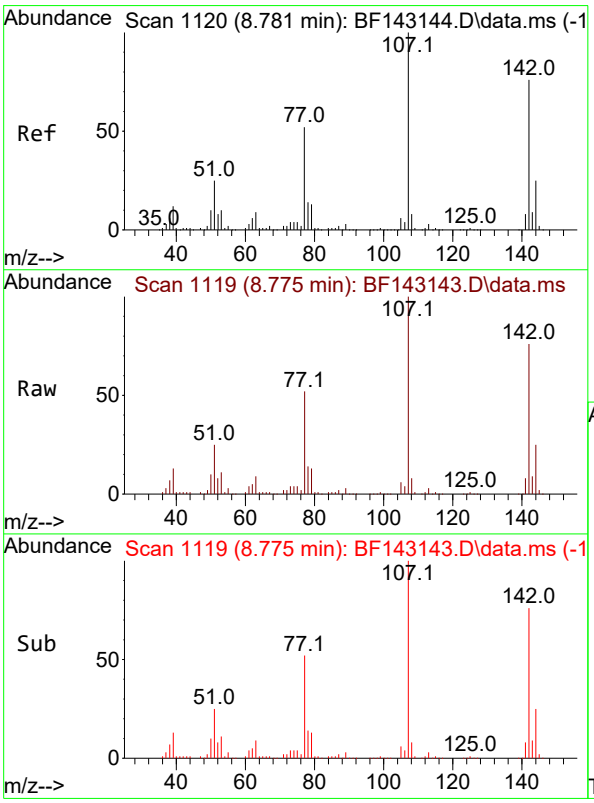
Tgt Ion:113 Resp: 5395

Ion	Ratio	Lower	Upper
113	100		
55	202.9	174.0	214.0
56	152.2	126.6	166.6

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Supervised By :Jagrut Upadhyay 07/18/2025

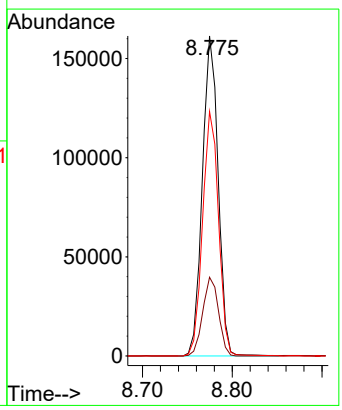


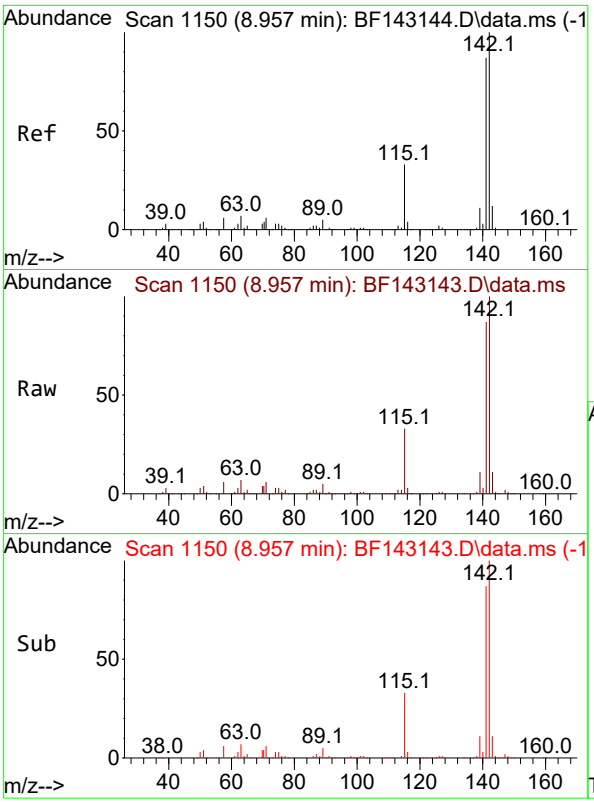


#36
4-Chloro-3-methylphenol
Concen: 20.246 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 197317

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	76.4	60.6	90.8





#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

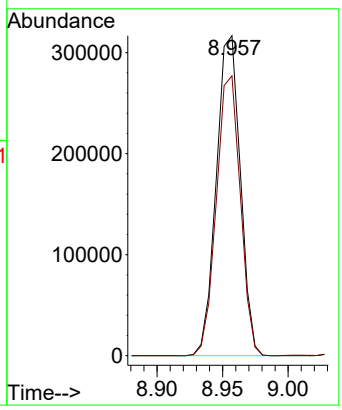
Tgt Ion:142 Resp: 40329

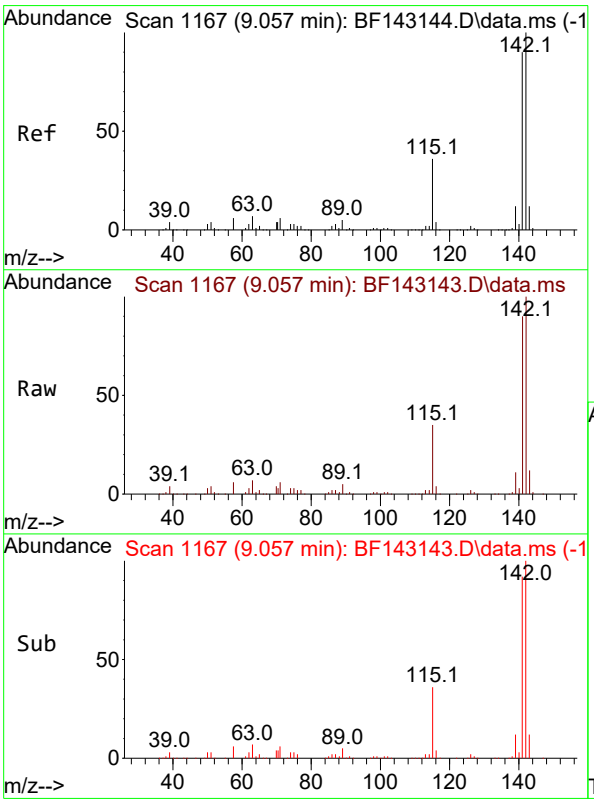
Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
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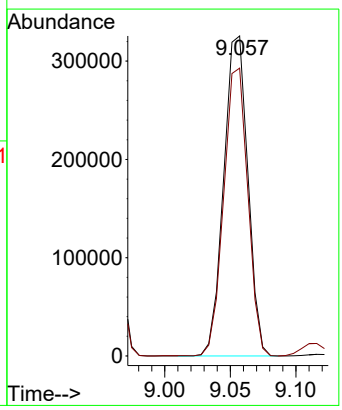


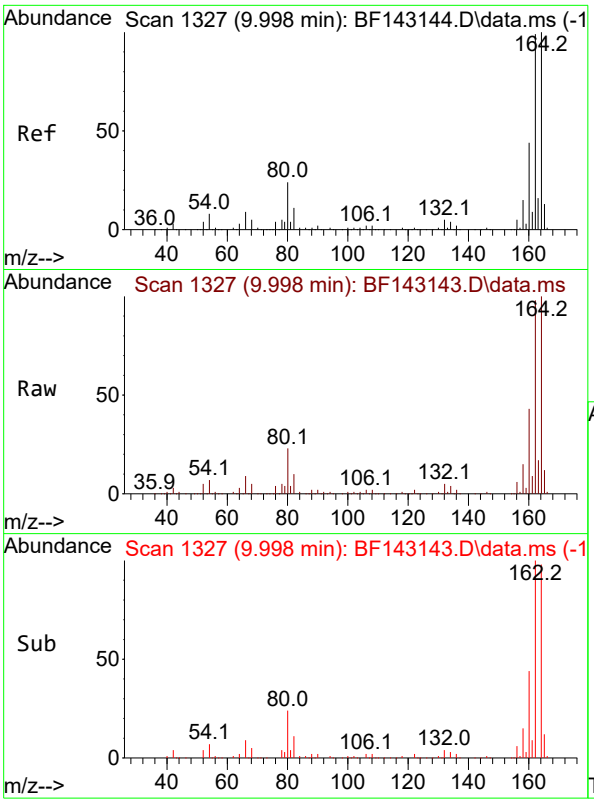


#38
1-Methylnaphthalene
Concen: 21.060 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 417629

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5

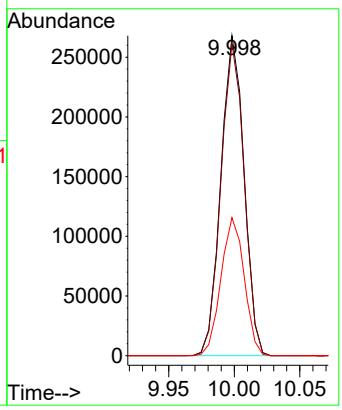




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:164 Resp: 32967

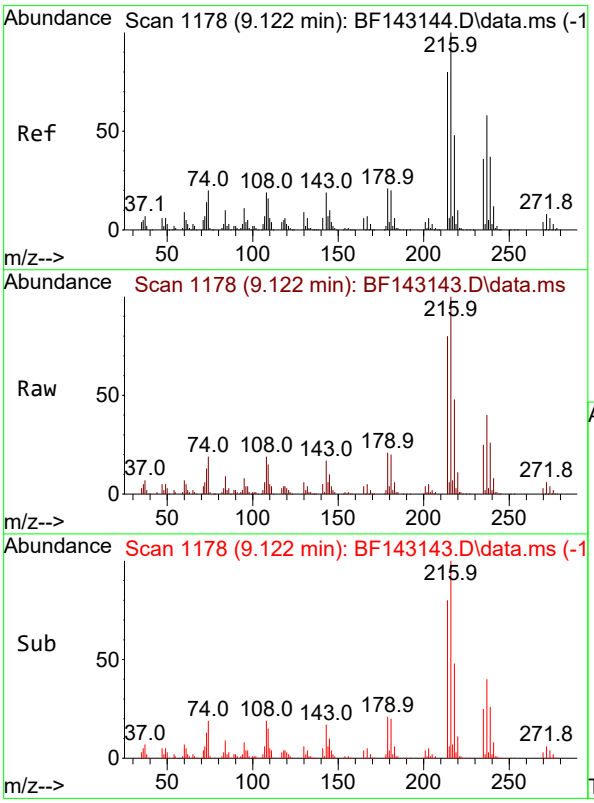
Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.2	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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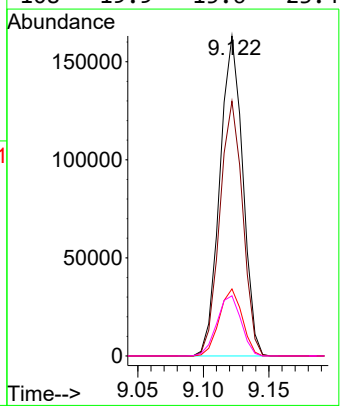
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

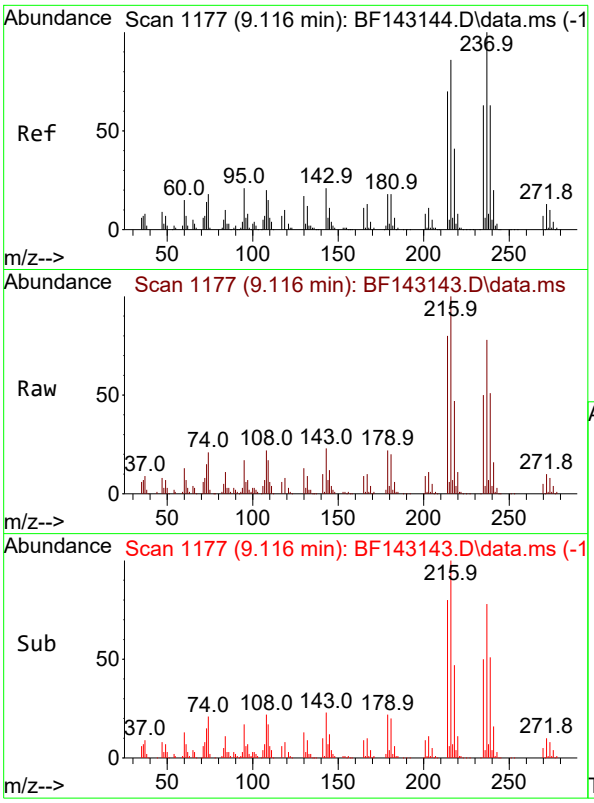


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.804 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:216 Resp: 198009

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	21.0	16.4	24.6
108	19.9	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 19.848 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

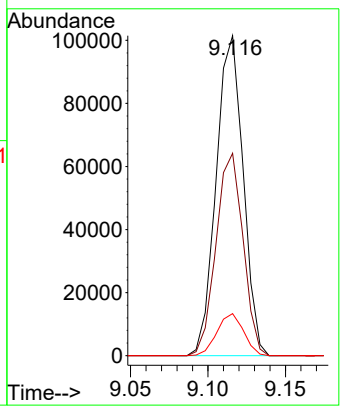
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

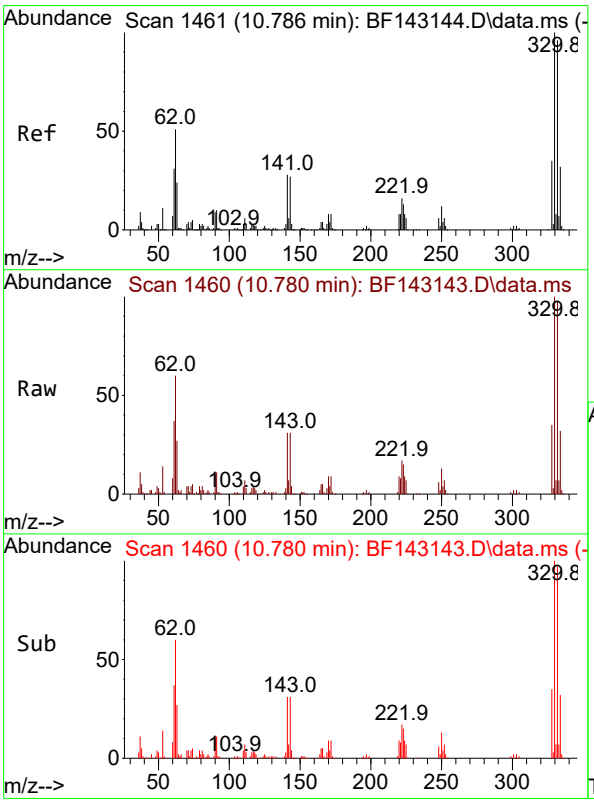
Tgt Ion:237 Resp: 12292

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.2	0.0	33.3

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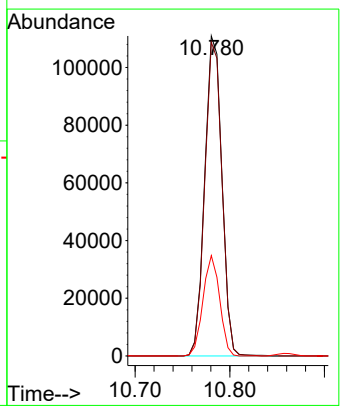


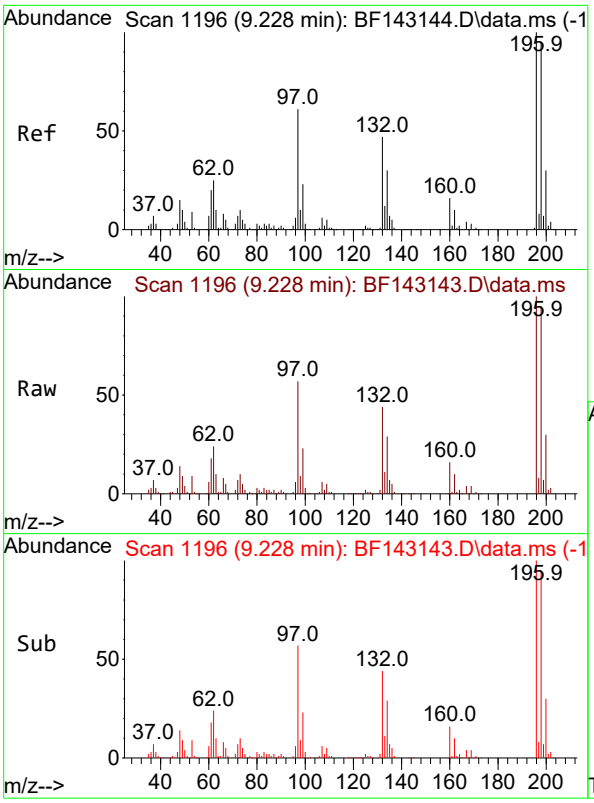


#42
2,4,6-Tribromophenol
Concen: 41.034 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:330 Resp: 139748

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	30.4	23.3	34.9

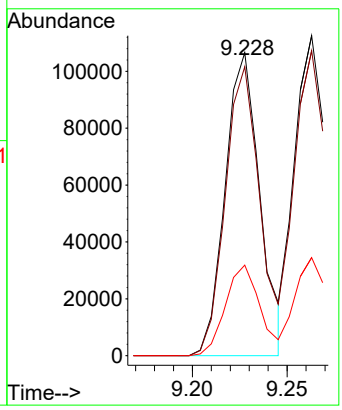




#43
2,4,6-Trichlorophenol
Concen: 20.601 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 13570

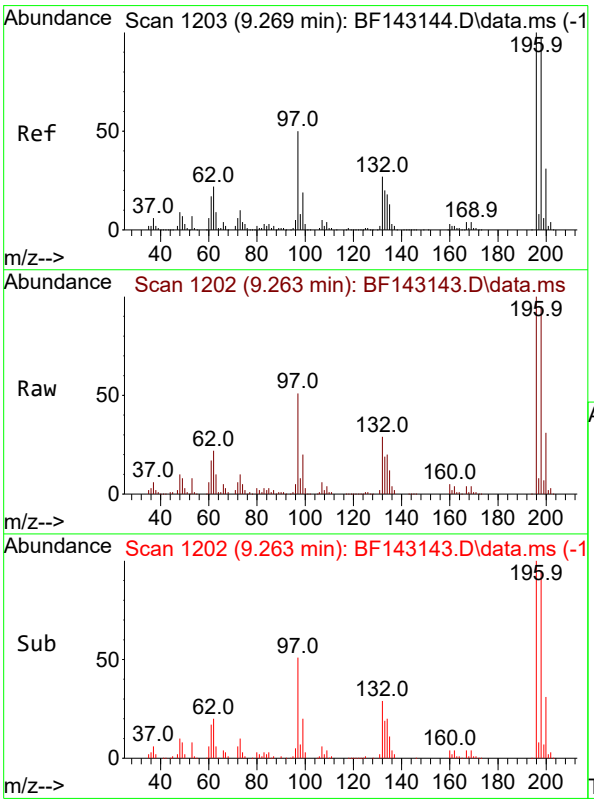
Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.2
200	29.9	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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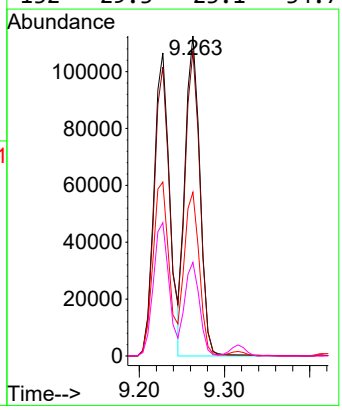
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Supervised By :Jagrut Upadhyay 07/18/2025

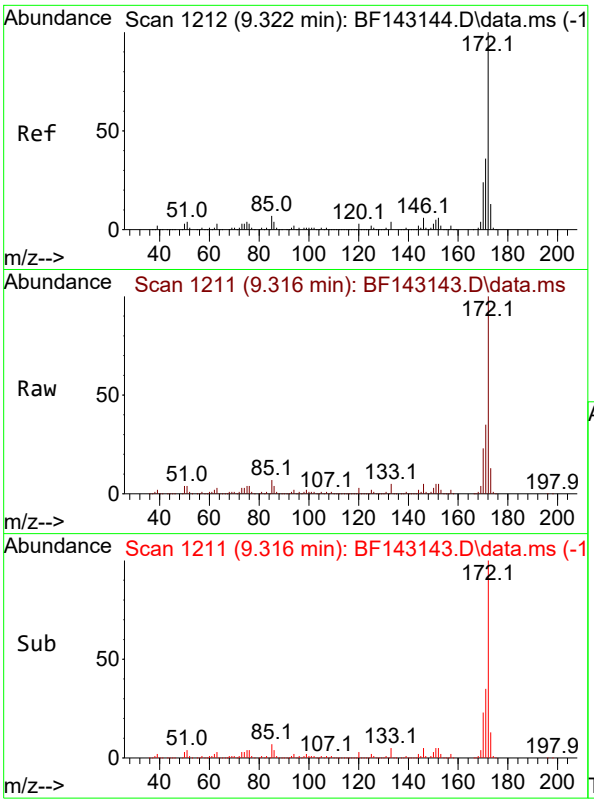


#44
2,4,5-Trichlorophenol
Concen: 20.584 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 135634

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.3	115.9
97	51.2	40.3	60.5
132	29.3	23.1	34.7

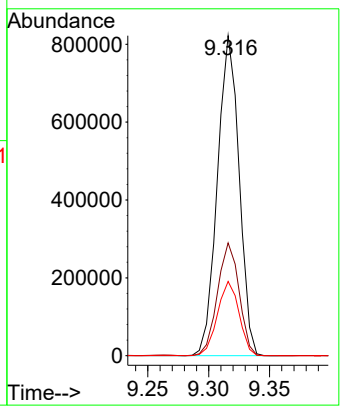




#45
2-Fluorobiphenyl
Concen: 42.301 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:172 Resp: 101968

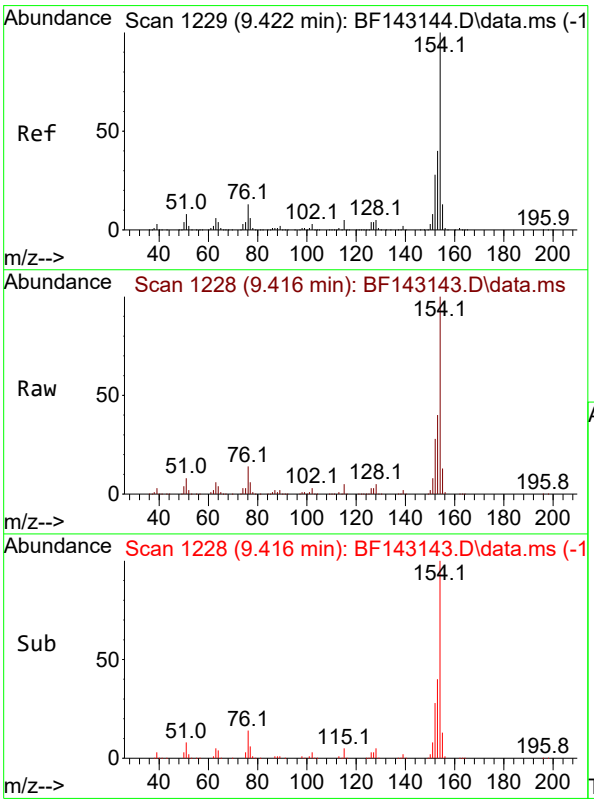
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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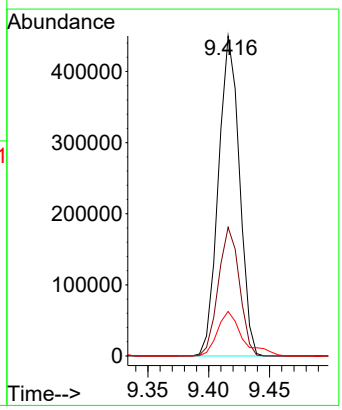
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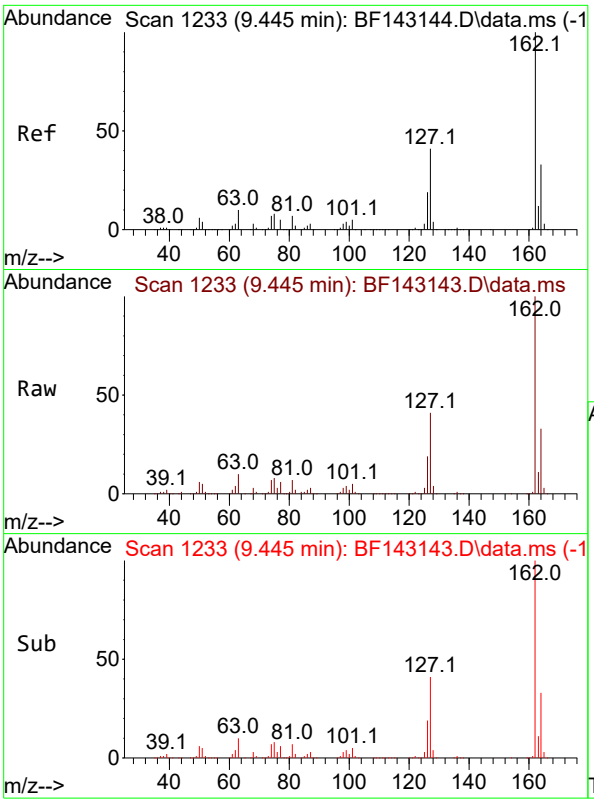


#46
1,1'-Biphenyl
Concen: 21.019 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 540637

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.9	0.0	33.3

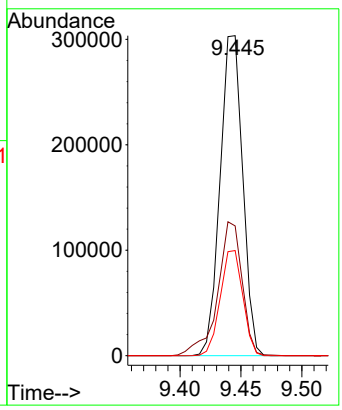




#47
2-Chloronaphthalene
Concen: 20.650 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:162 Resp: 39300

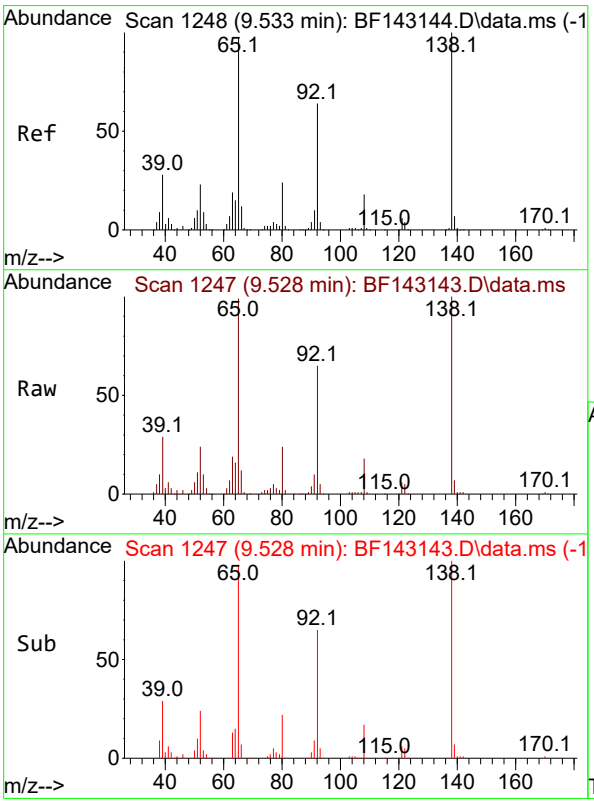
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.9	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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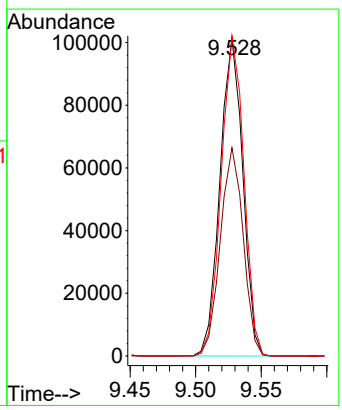
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

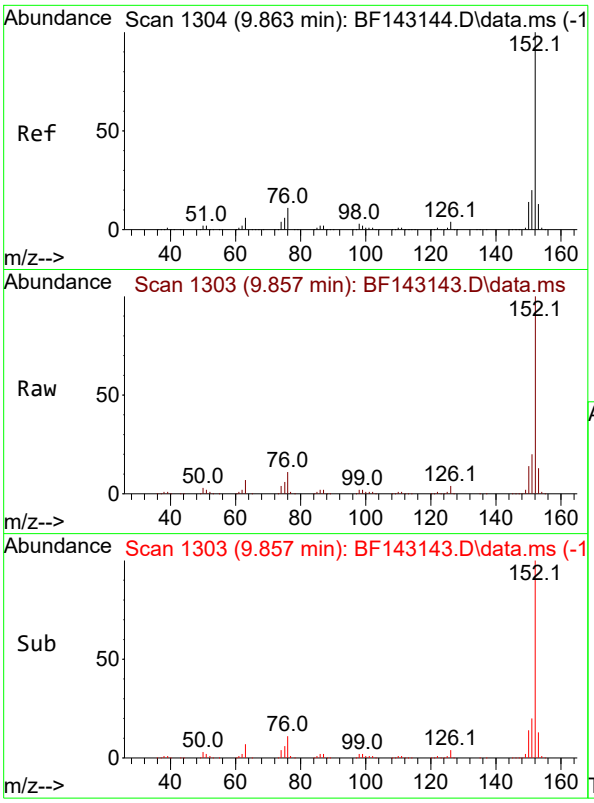


#48
2-Nitroaniline
Concen: 20.528 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 65 Resp: 122517

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.4	78.6
138	100.8	82.3	123.5

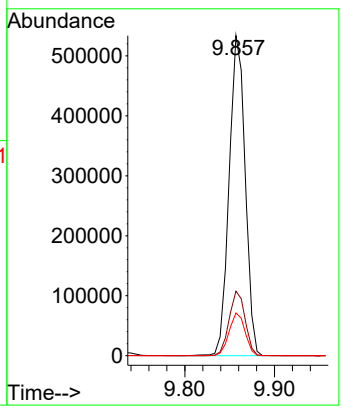




#49
Acenaphthylene
Concen: 20.789 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:152 Resp: 66304

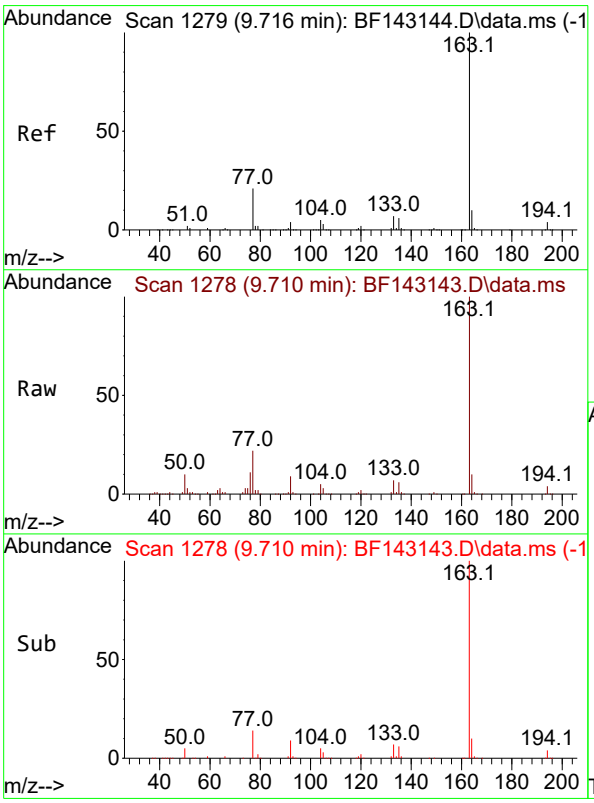
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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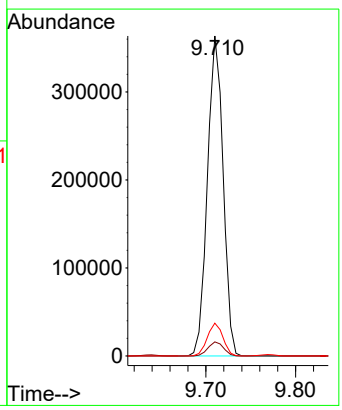
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

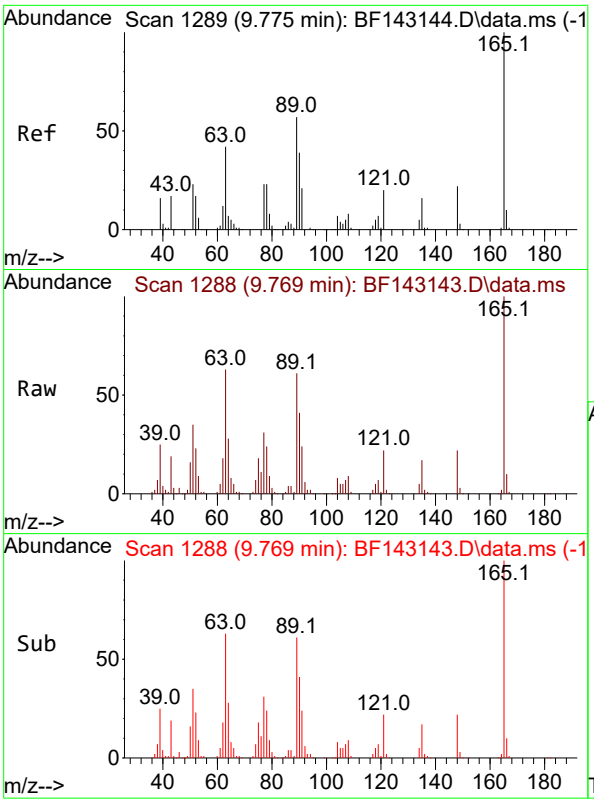


#50
Dimethylphthalate
Concen: 20.558 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:163 Resp: 441768

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

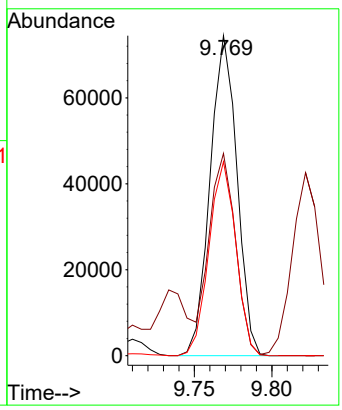
Tgt Ion:165 Resp: 8974

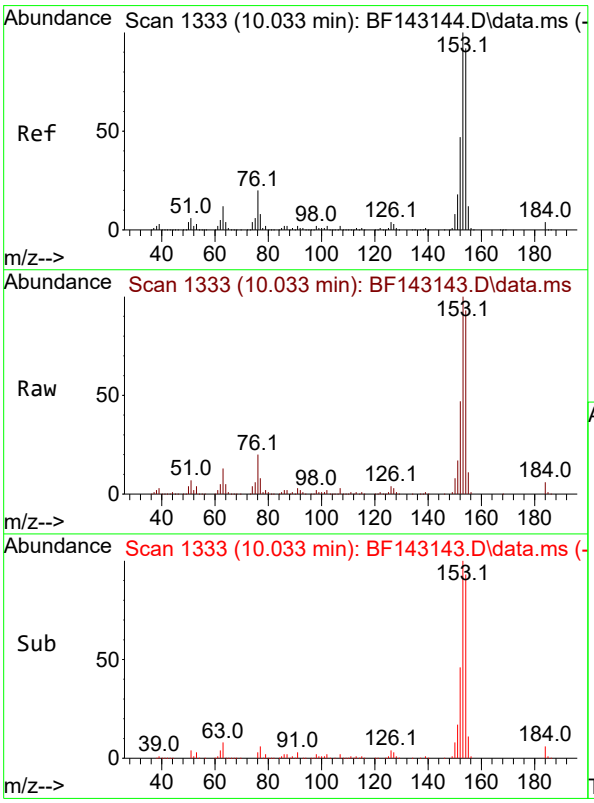
Ion	Ratio	Lower	Upper
165	100		
63	63.2	49.4	74.2
89	60.6	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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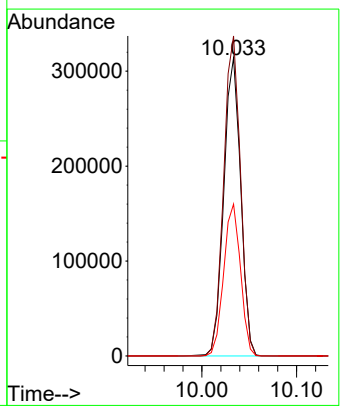


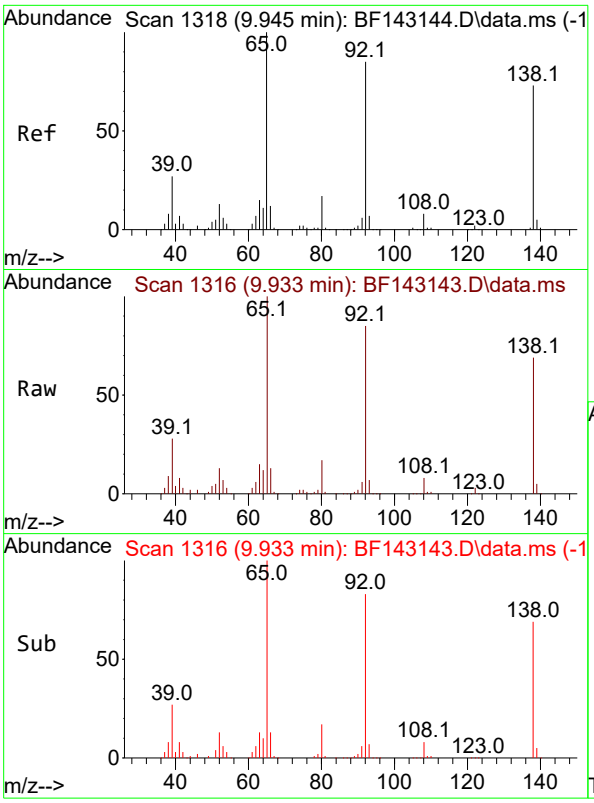


#52
Acenaphthene
Concen: 20.702 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 390249

Ion	Ratio	Lower	Upper
154	100		
153	107.3	86.6	129.8
152	50.9	40.4	60.6

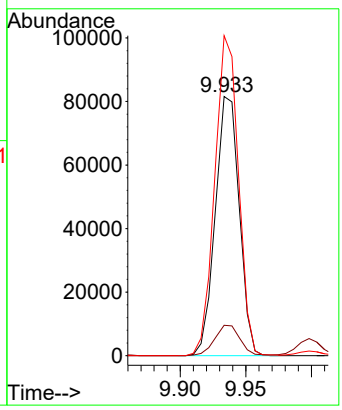




#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 10387

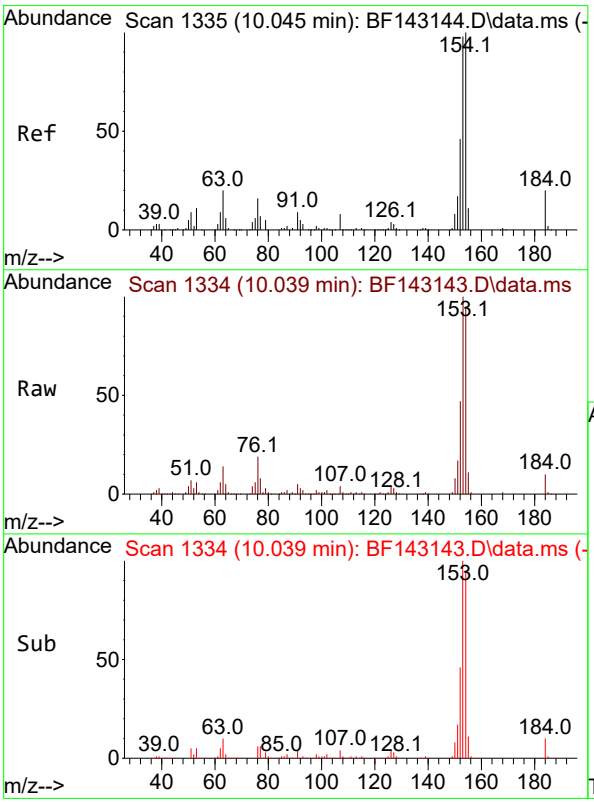
Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.6
92	123.4	93.0	139.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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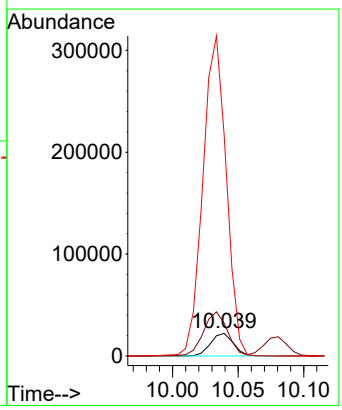
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

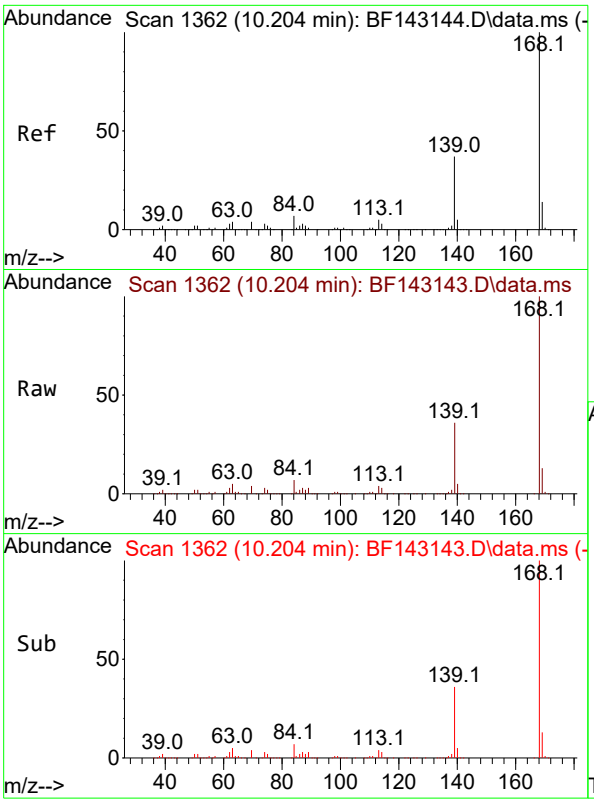


#54
2,4-Dinitrophenol
Concen: 19.073 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 26820

Ion	Ratio	Lower	Upper
184	100		
63	145.3	81.8	122.6#
154	980.0	412.2	618.4#

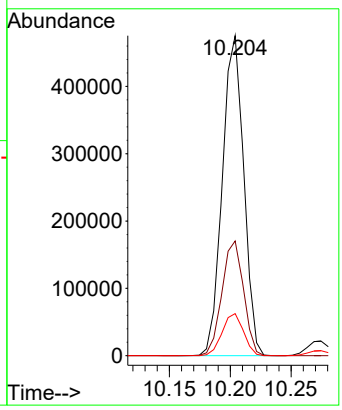




#55
Dibenzofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:168 Resp: 58232

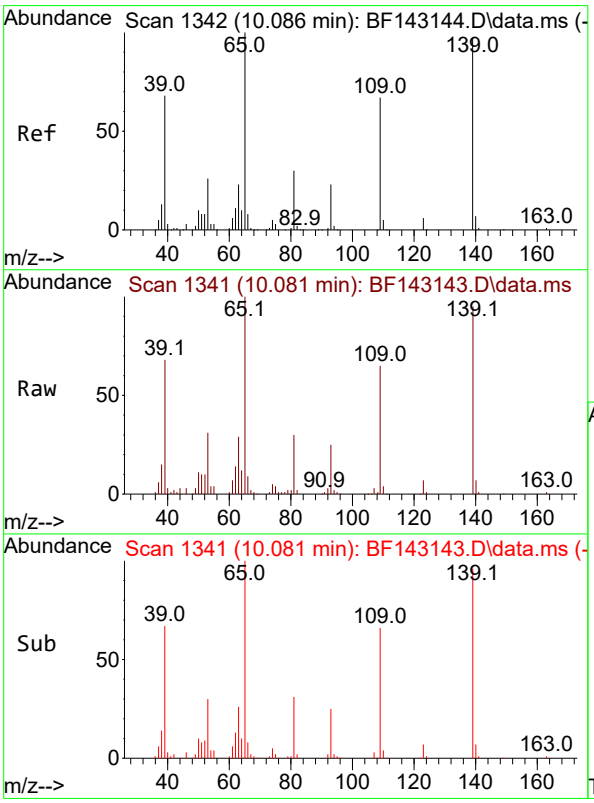
Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.5	44.3
169	13.1	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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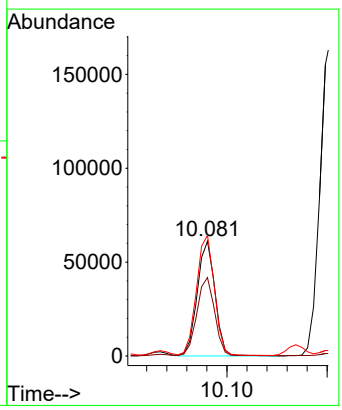
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

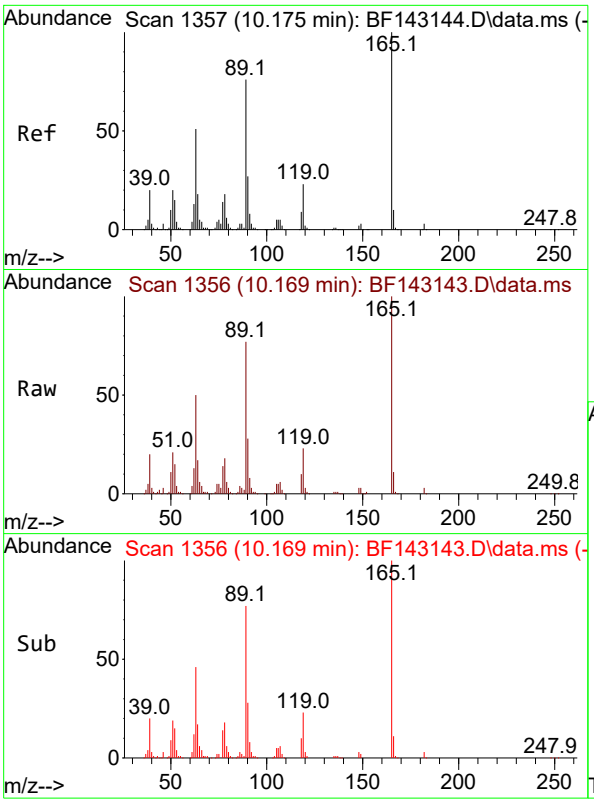


#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 75275

Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.5	88.5
65	105.1	83.4	123.4

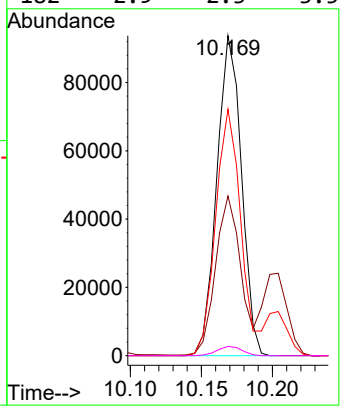




#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:165 Resp: 11285

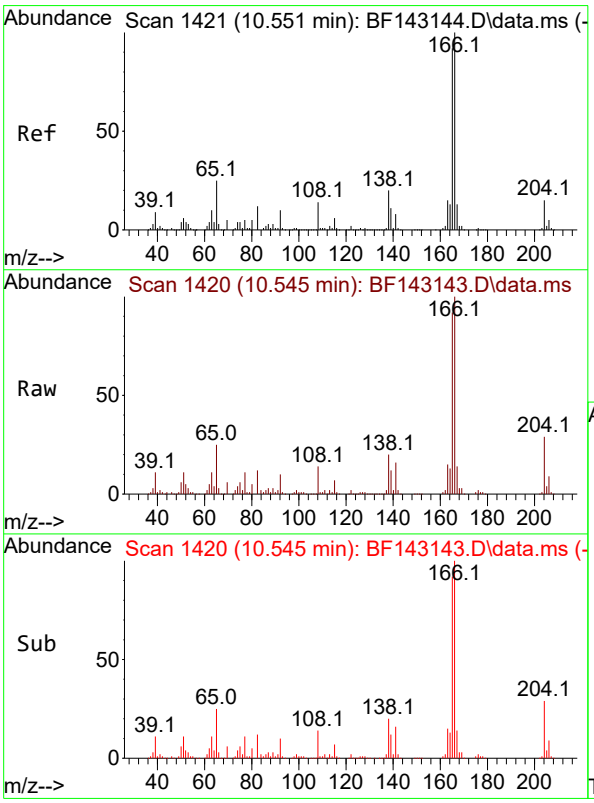
Ion	Ratio	Lower	Upper
165	100		
63	49.9	41.0	61.4
89	77.0	61.1	91.7
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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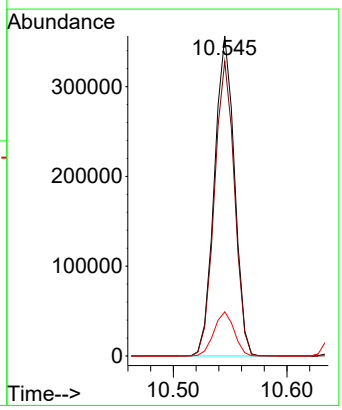
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

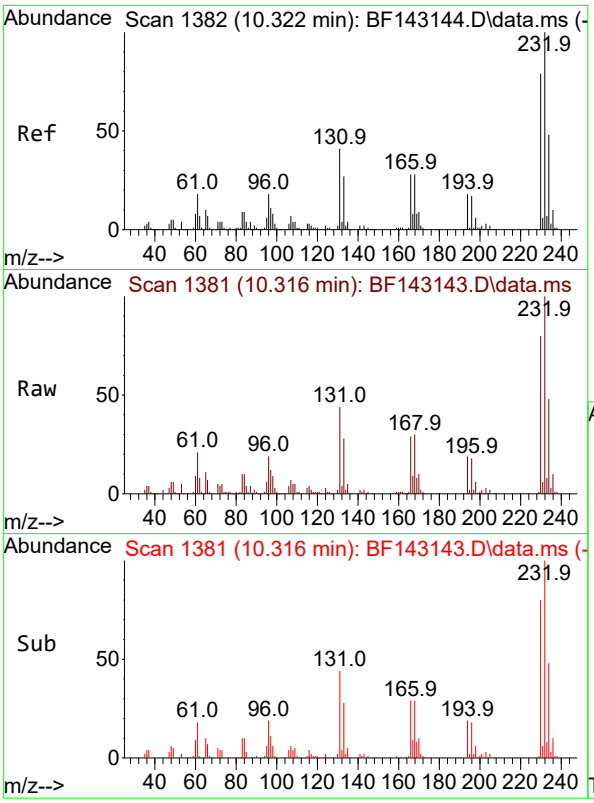


#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:166 Resp: 435866

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.8	10.6	16.0

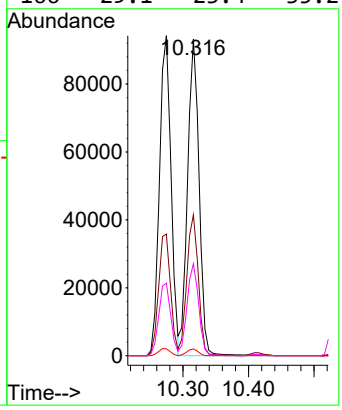




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:232 Resp: 11385

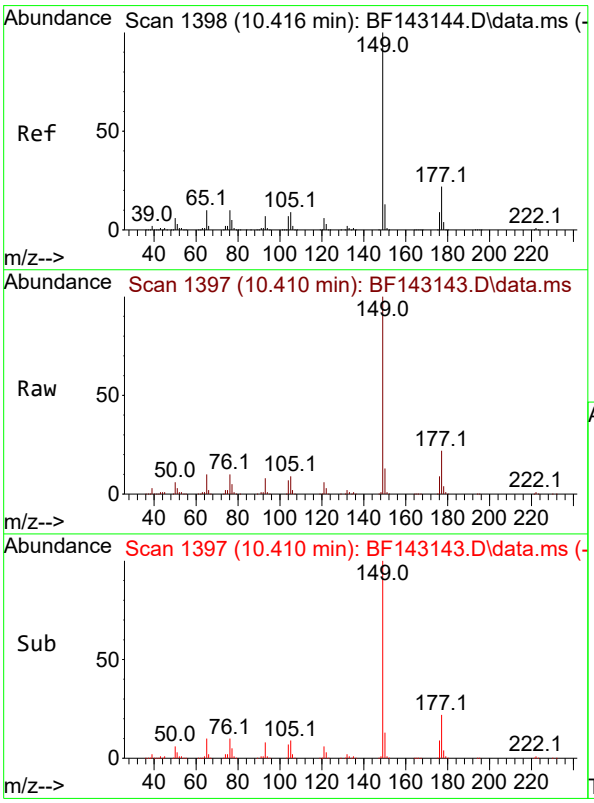
Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	29.1	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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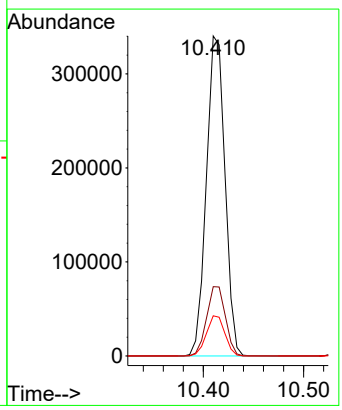
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

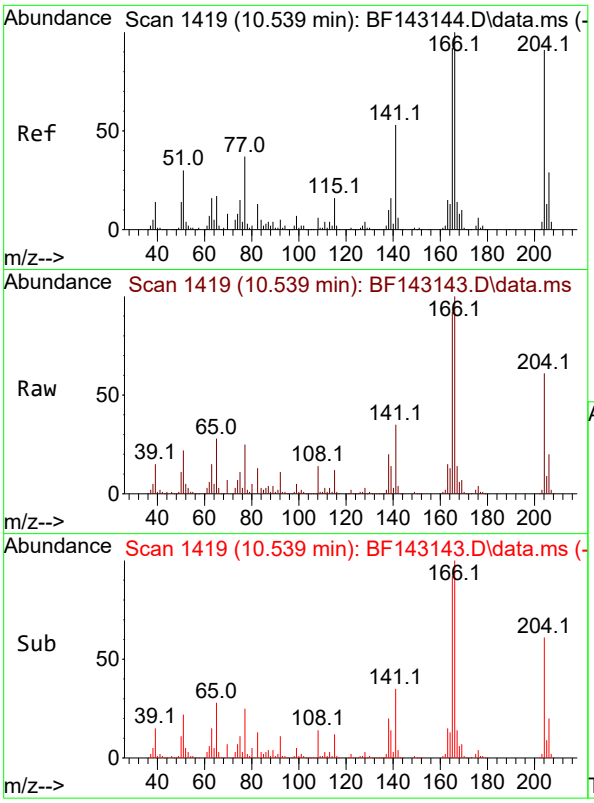


#60
Diethylphthalate
Concen: 20.719 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 440058

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.5	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

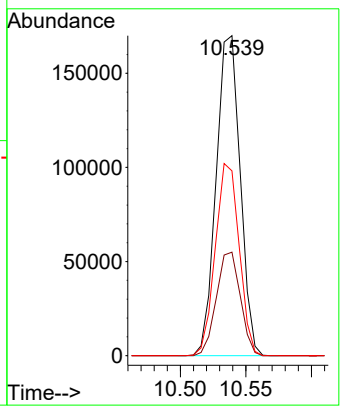
Tgt Ion:204 Resp: 21649

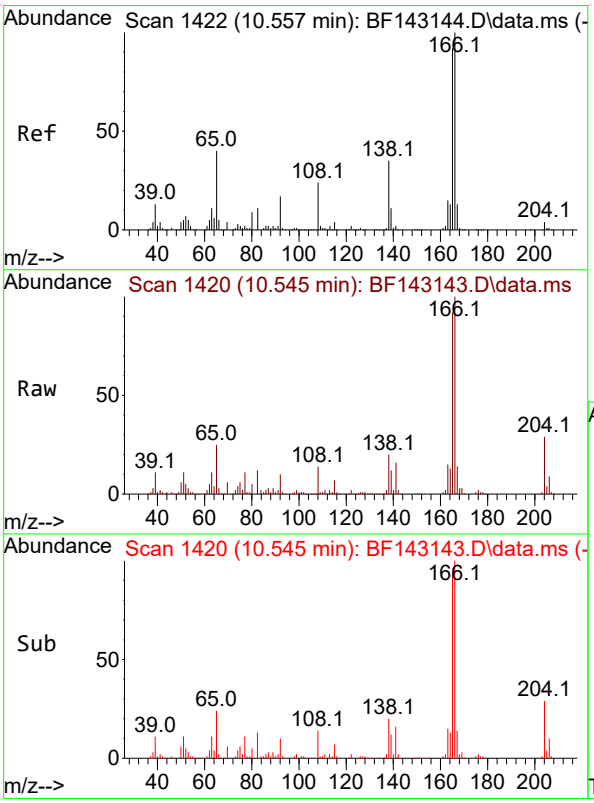
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	57.8	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

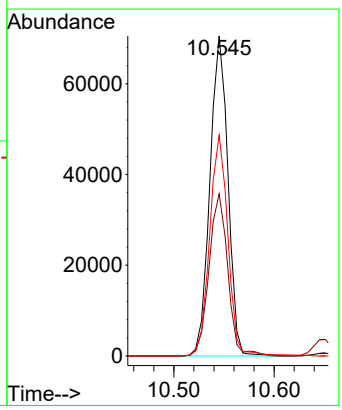


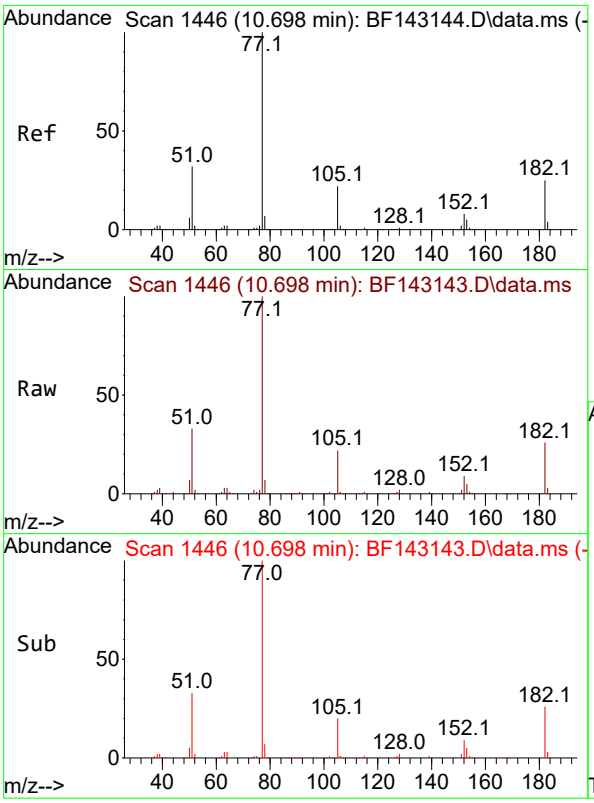


#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 87666

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.0	48.3	88.3

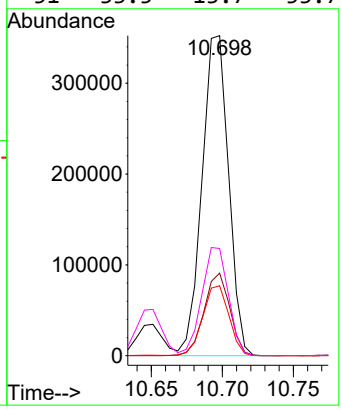




#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 45801

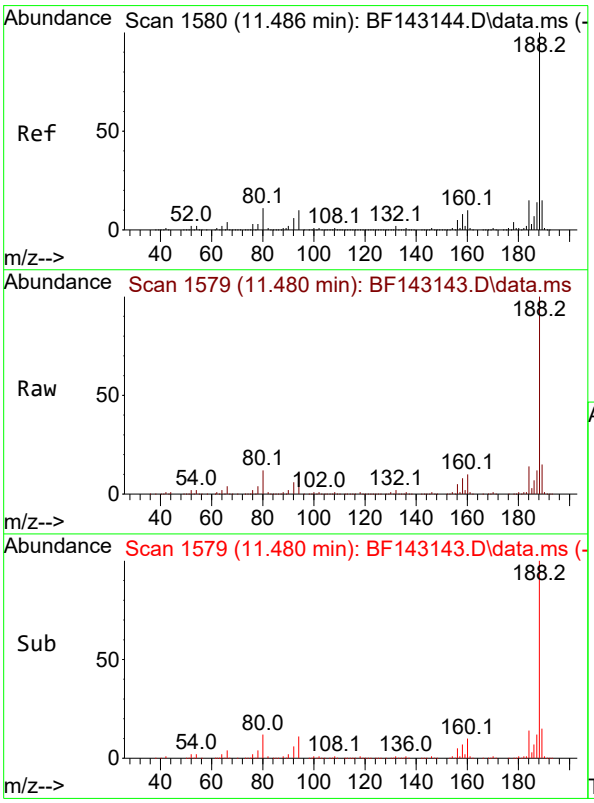
Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.6	44.6
105	21.8	1.4	41.4
51	33.5	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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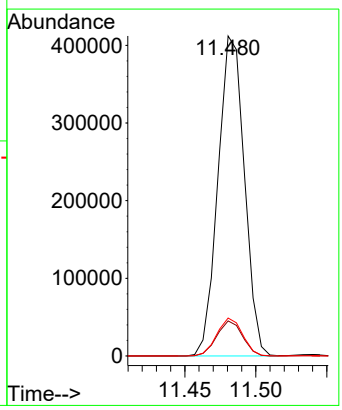
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

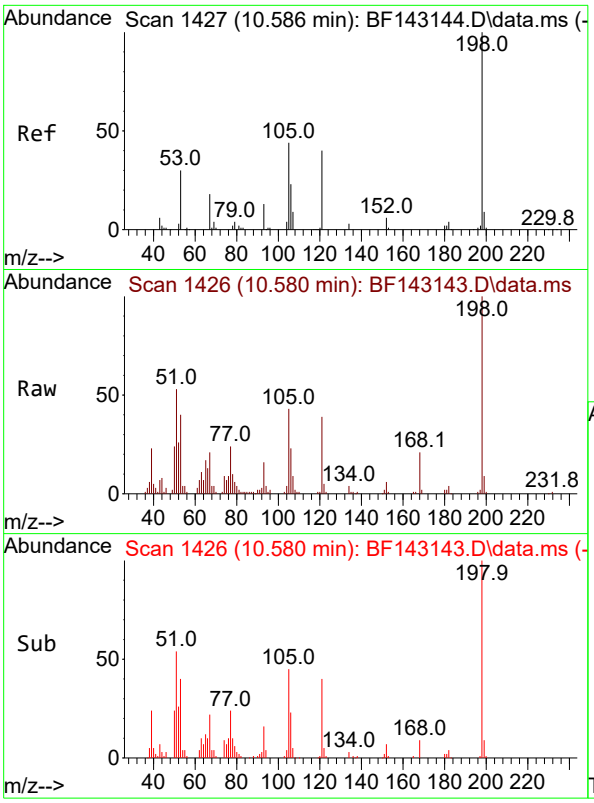


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:188 Resp: 532921

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.3	12.5
80	11.9	9.0	13.6

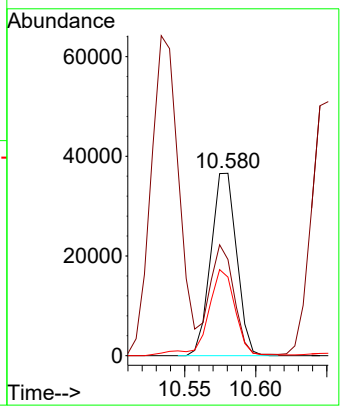




#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:198 Resp: 4612

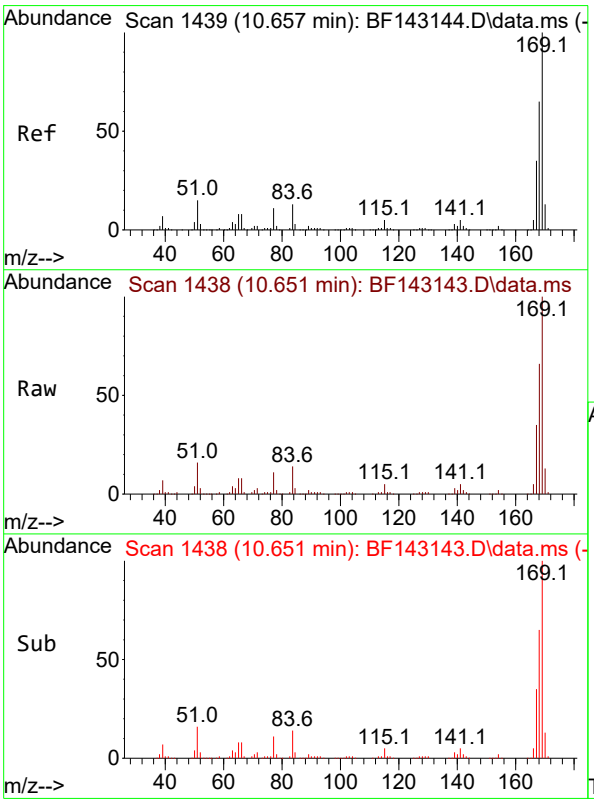
Ion	Ratio	Lower	Upper
198	100		
51	52.7	37.2	77.2
105	43.1	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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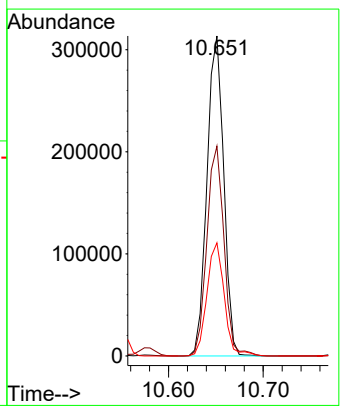
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

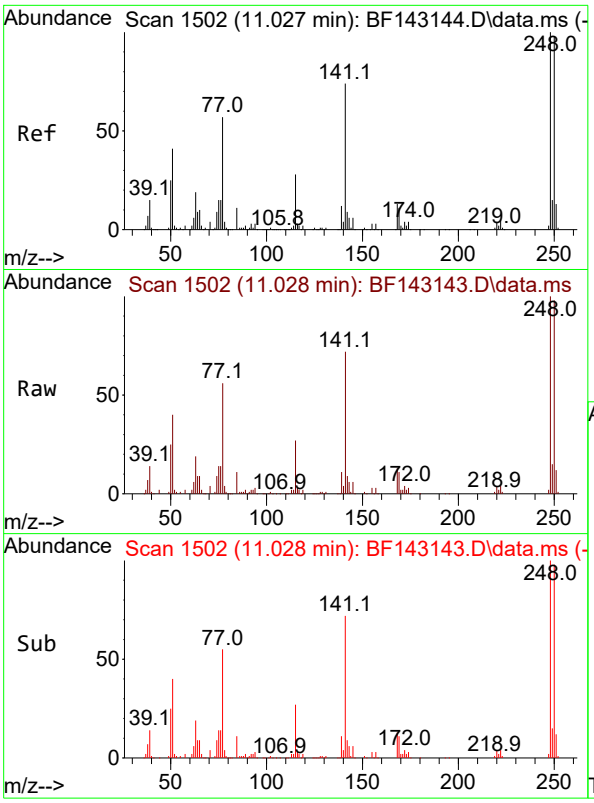


#66
n-Nitrosodiphenylamine
Concen: 20.488 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:169 Resp: 384467

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.4	28.2	42.2

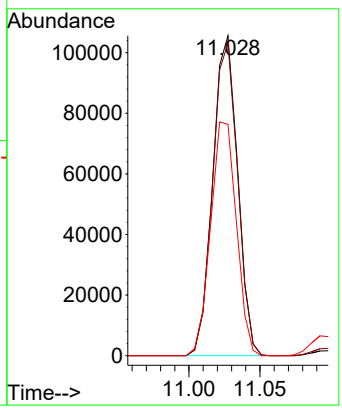




#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:248 Resp: 12866

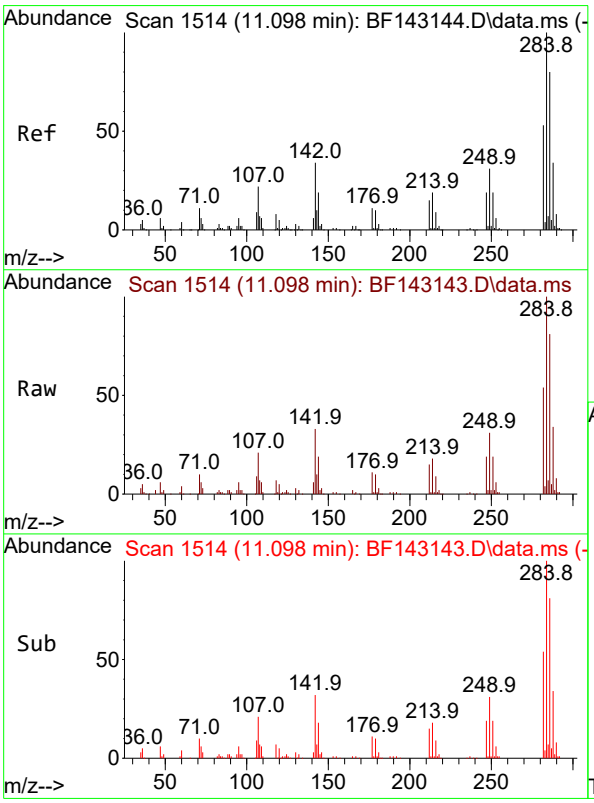
Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	72.3	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

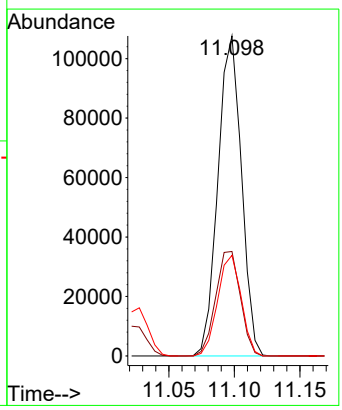
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

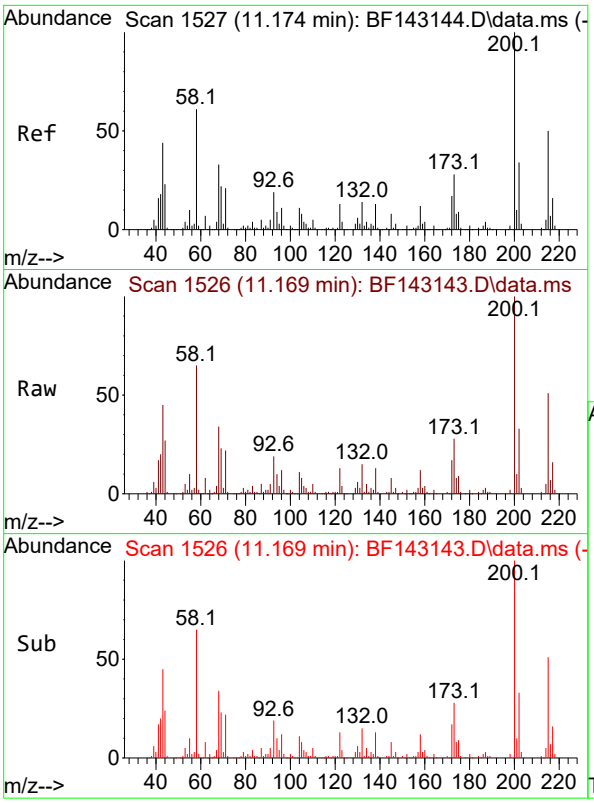


#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:284 Resp: 134031

Ion	Ratio	Lower	Upper
284	100		
142	32.7	27.0	40.6
249	31.5	25.0	37.6

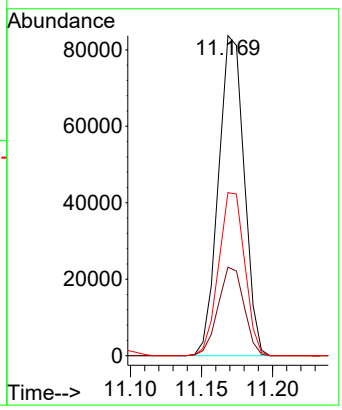




#69
Atrazine
Concen: 20.370 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:200 Resp: 10538

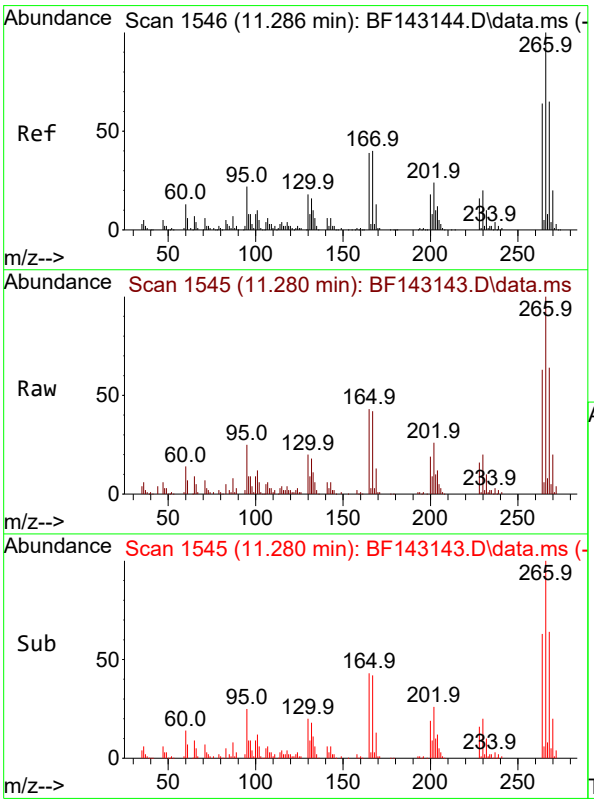
Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.9	47.9
215	51.0	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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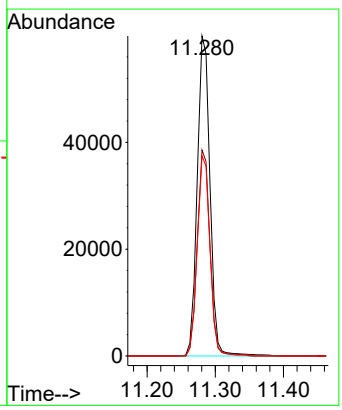
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

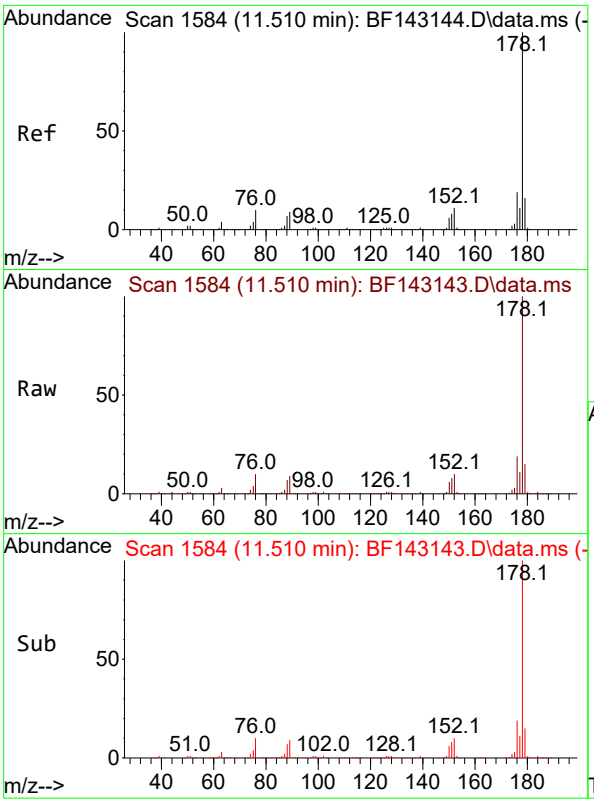


#70
Pentachlorophenol
Concen: 19.957 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:266 Resp: 77906

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.9	77.9
264	62.6	51.0	76.6

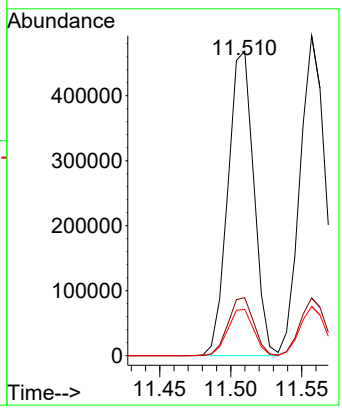




#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 59541

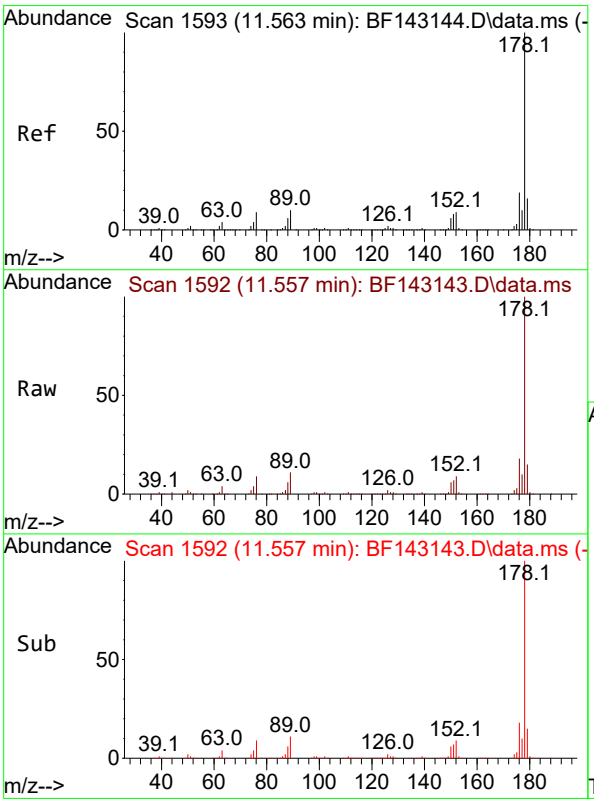
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

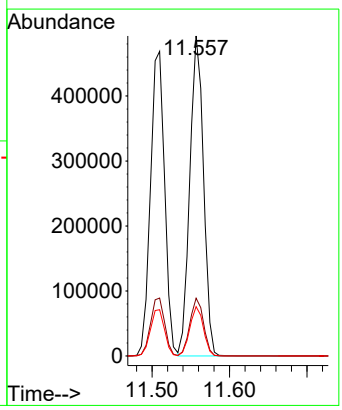
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

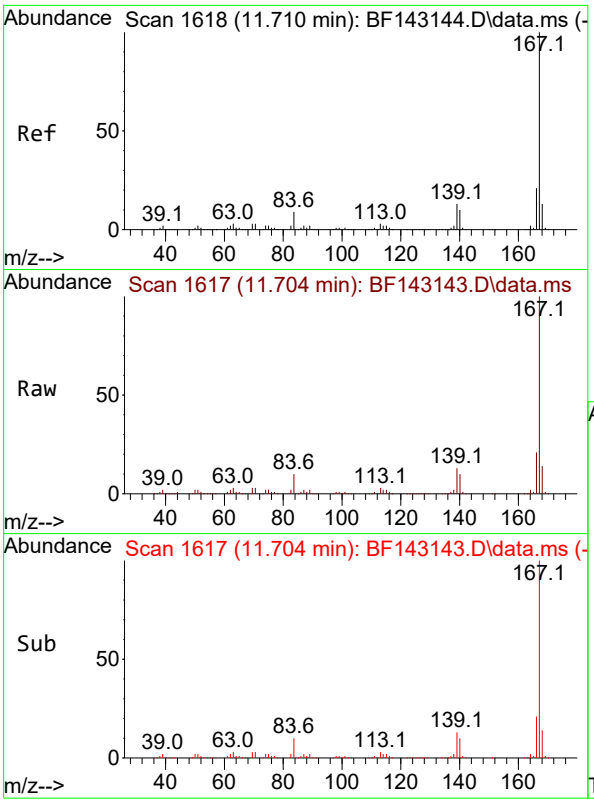


#72
Anthracene
Concen: 20.944 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 604416

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.4	12.5	18.7

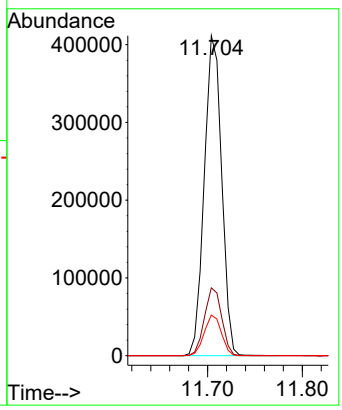




#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:167 Resp: 52336

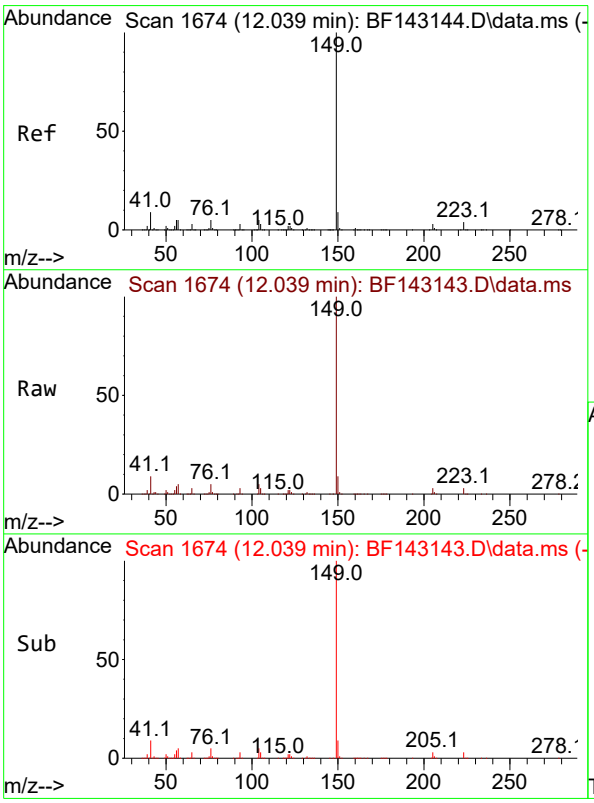
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.7	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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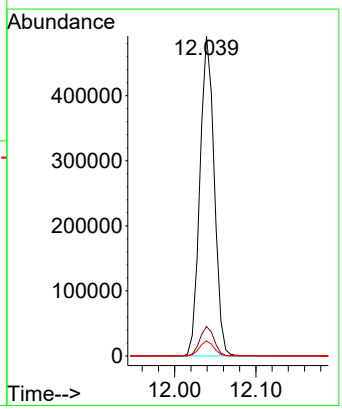
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

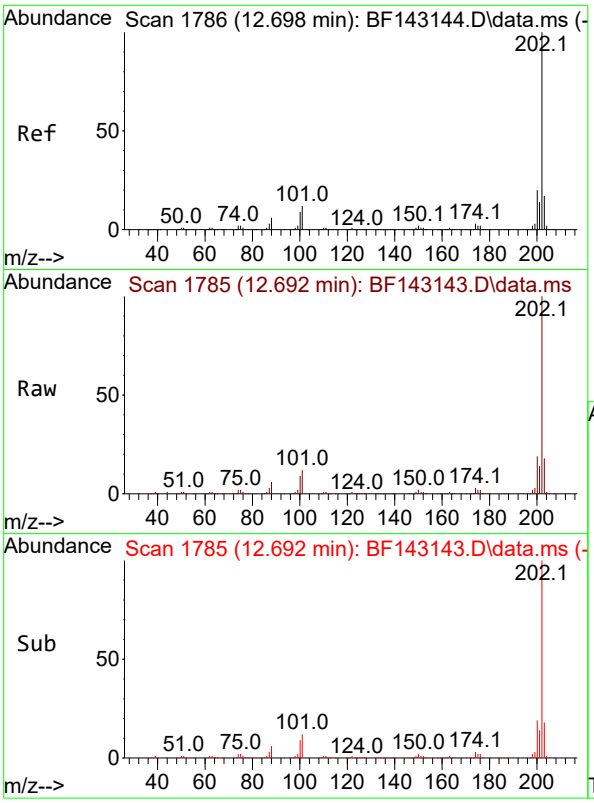


#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 601867

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8





#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

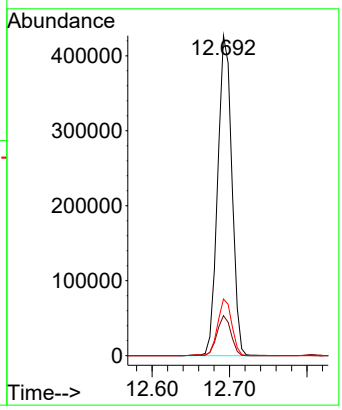
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

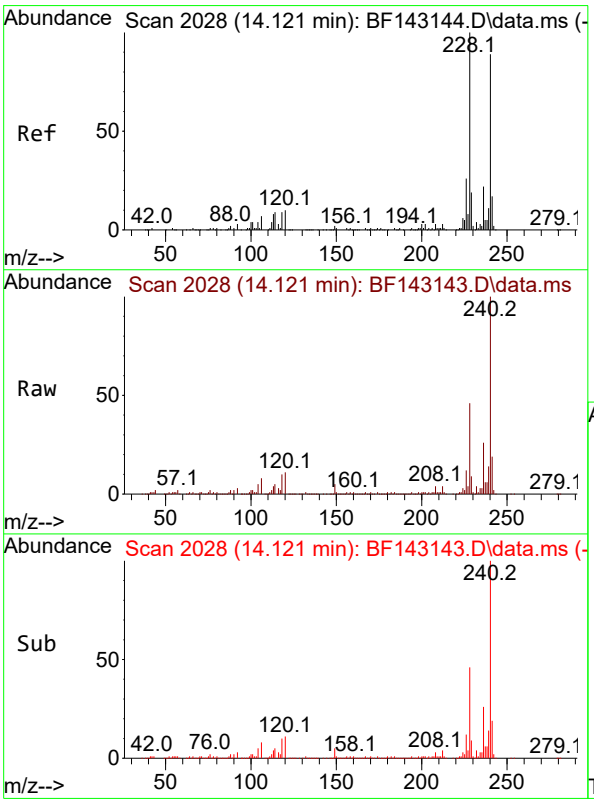
Tgt Ion:202 Resp: 54266

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.7
203	17.7	0.0	37.4

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

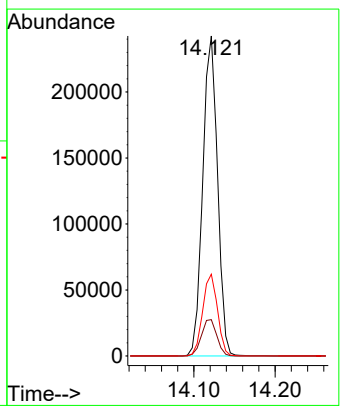


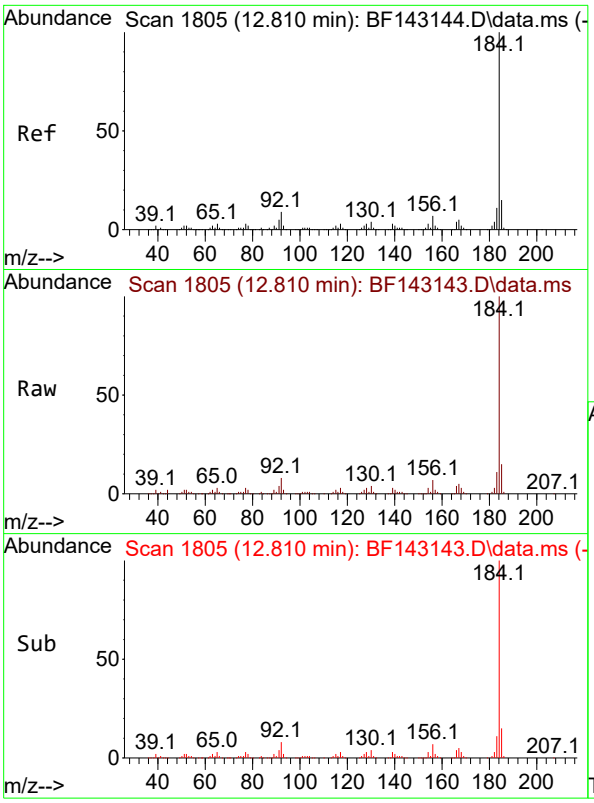


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:240 Resp: 305398

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	25.5	20.2	30.4

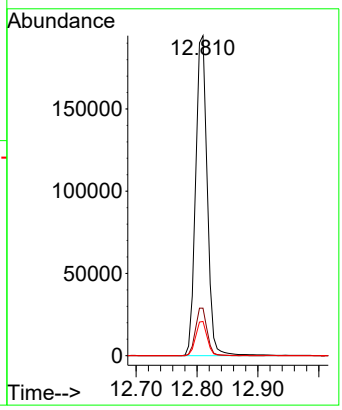




#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 25790

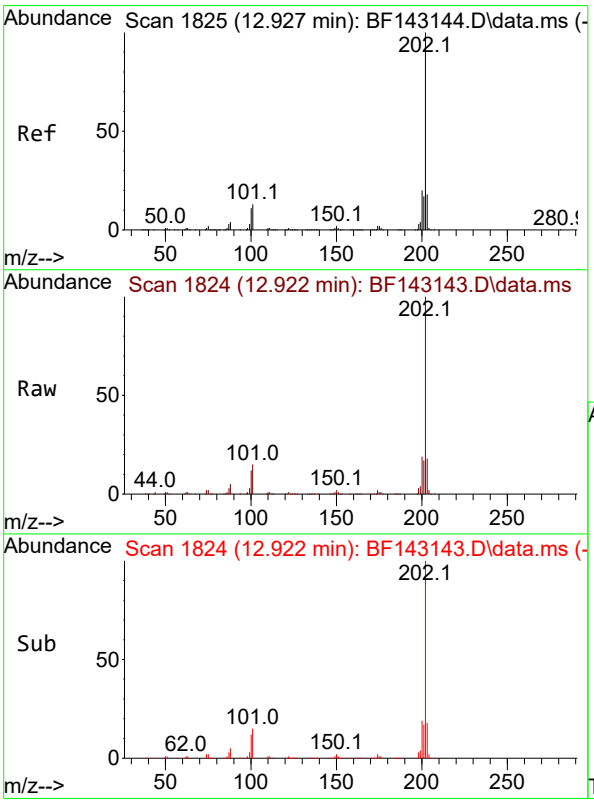
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.4
183	10.7	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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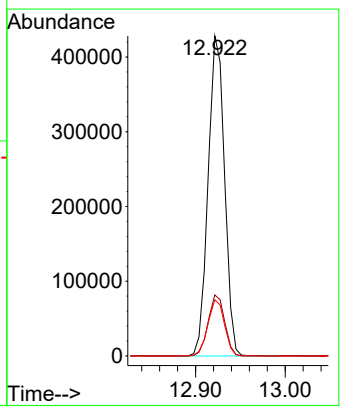
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

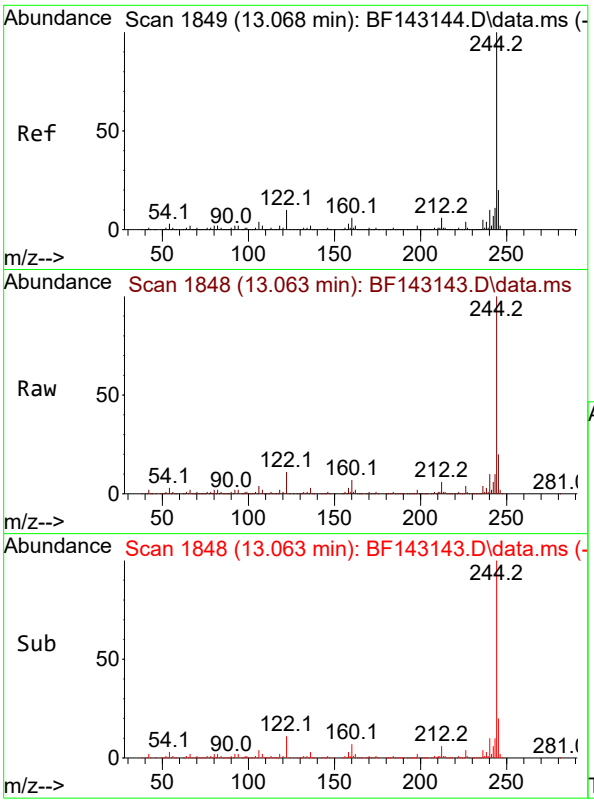


#78
Pyrene
Concen: 20.897 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 544650

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.7	23.5
203	17.6	14.2	21.2

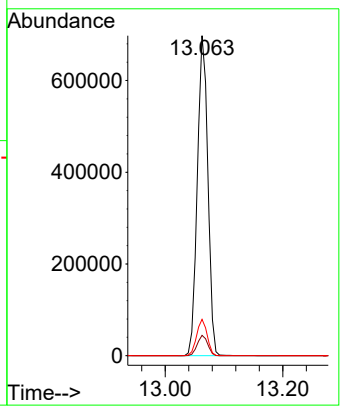




#79
Terphenyl-d14
Concen: 42.238 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:244 Resp: 86683

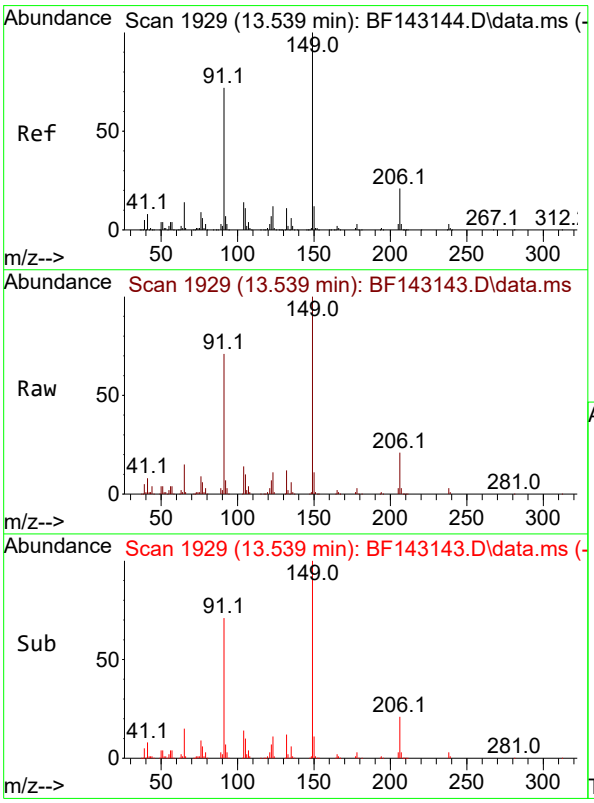
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

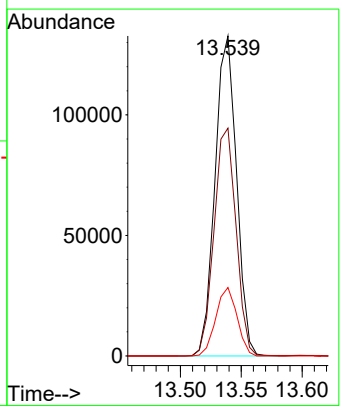
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

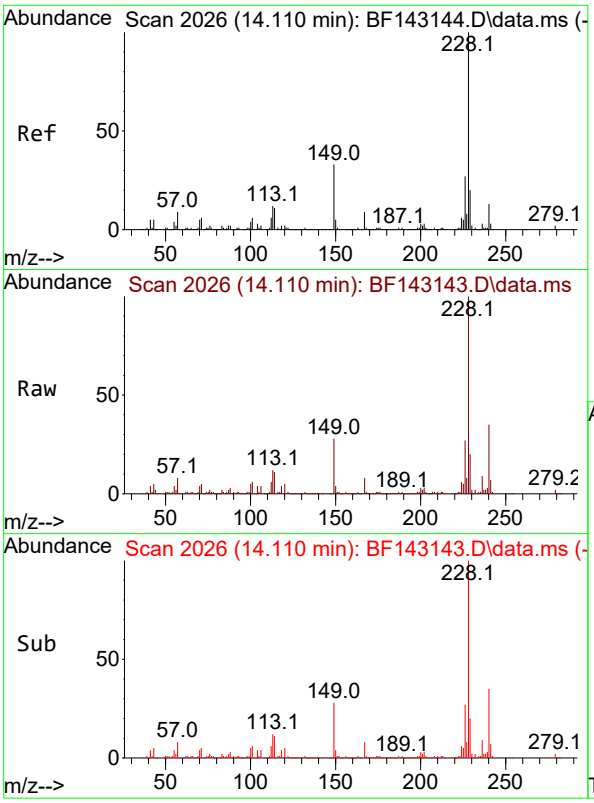


#80
Butylbenzylphthalate
Concen: 20.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 163546

Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.9	86.9
206	21.4	17.0	25.4





#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

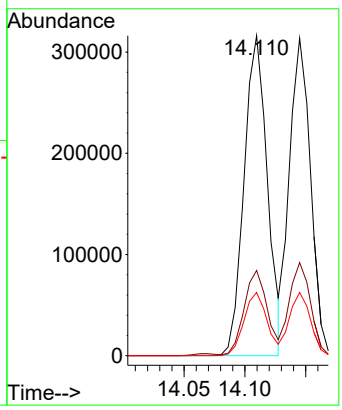
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

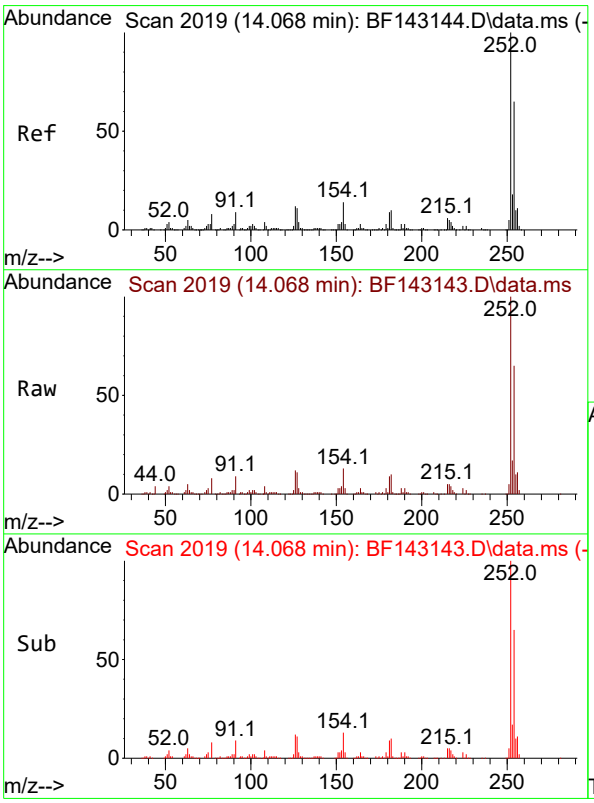
Tgt Ion:228 Resp: 42179

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.8	23.6

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

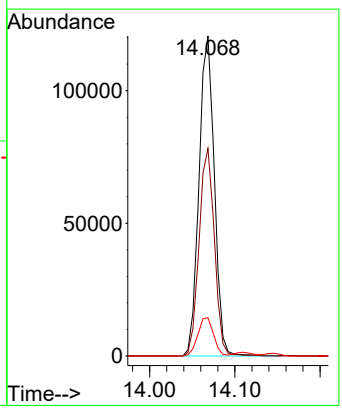


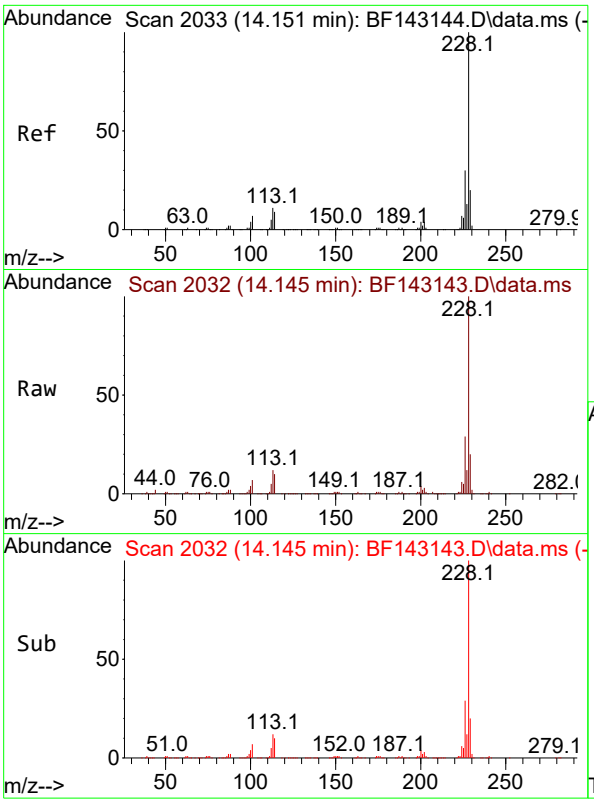


#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 151153

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.7	77.5
126	12.0	9.4	14.0

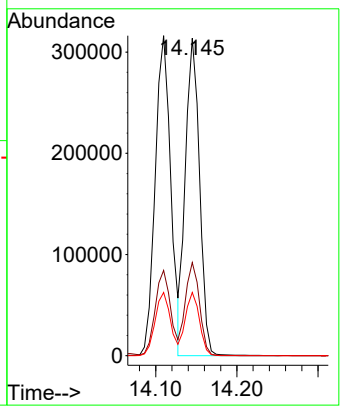




#83
Chrysene
Concen: 20.714 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:228 Resp: 380799

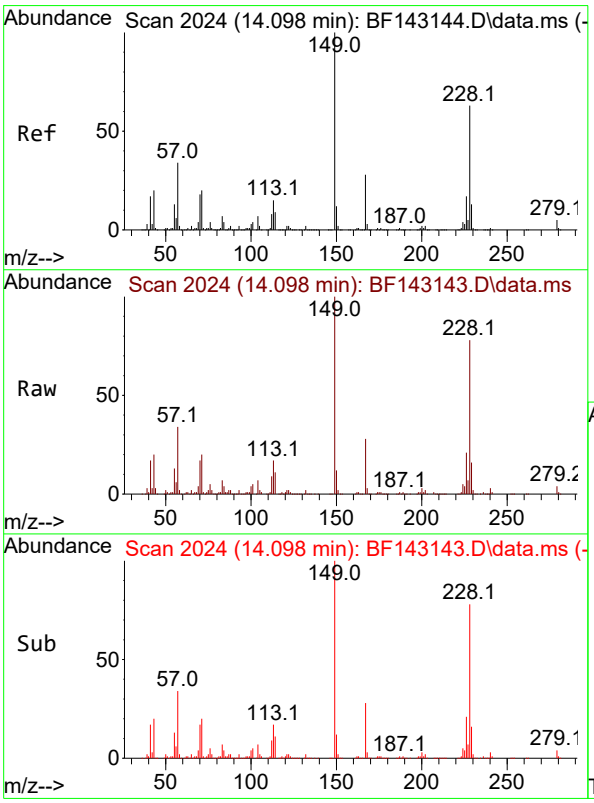
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	19.9	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

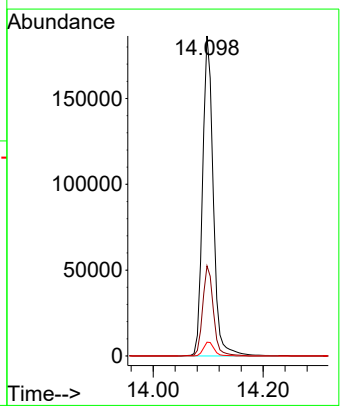
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

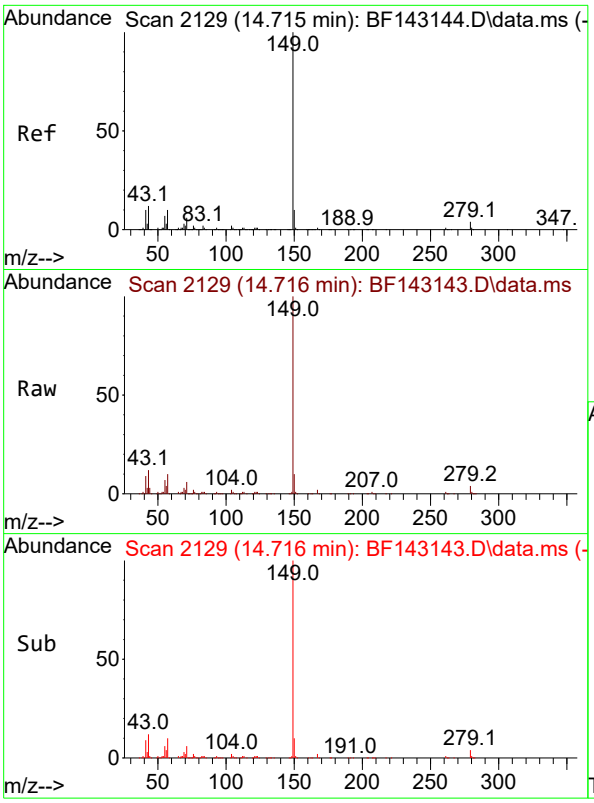


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.839 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 251739

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.3	3.6	5.4

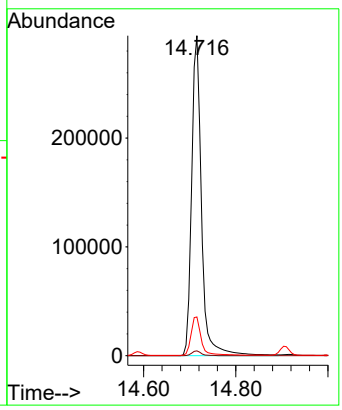




#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 43610

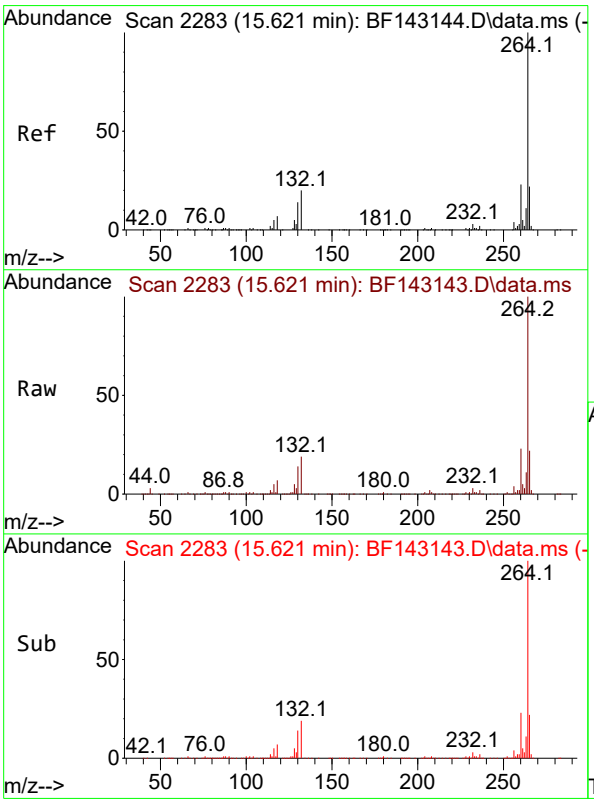
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.4	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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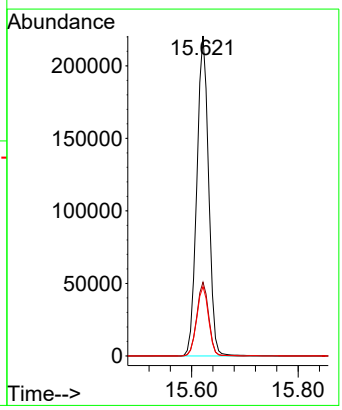
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

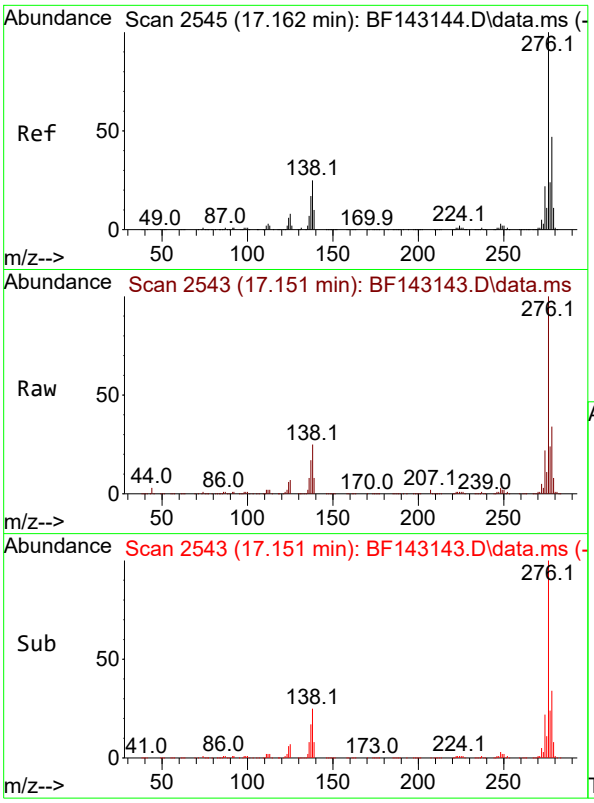


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:264 Resp: 338518

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.7	17.4	26.2

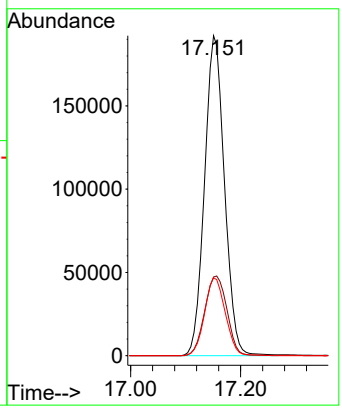




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 48424

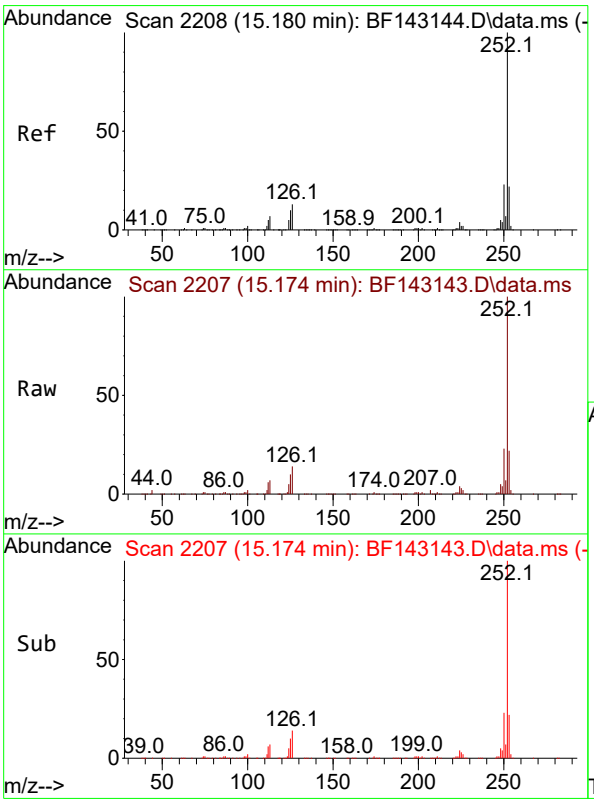
Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.6
277	25.3	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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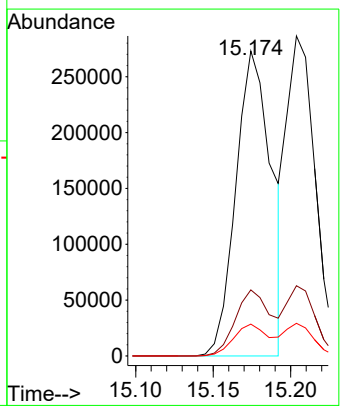
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

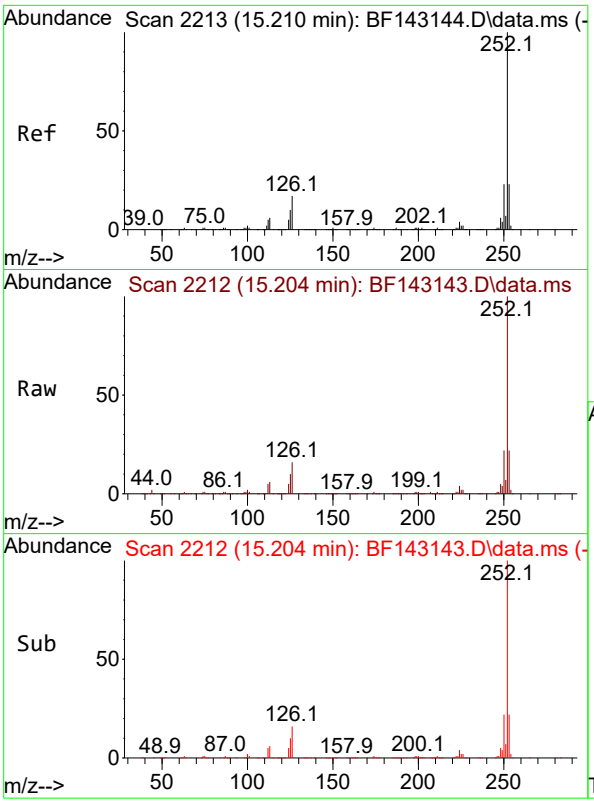


#88
Benzo(b)fluoranthene
Concen: 21.071 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 435747

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.4	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 20.044 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

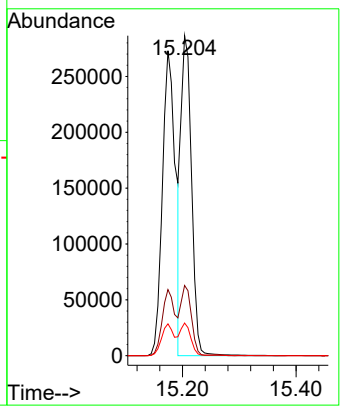
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

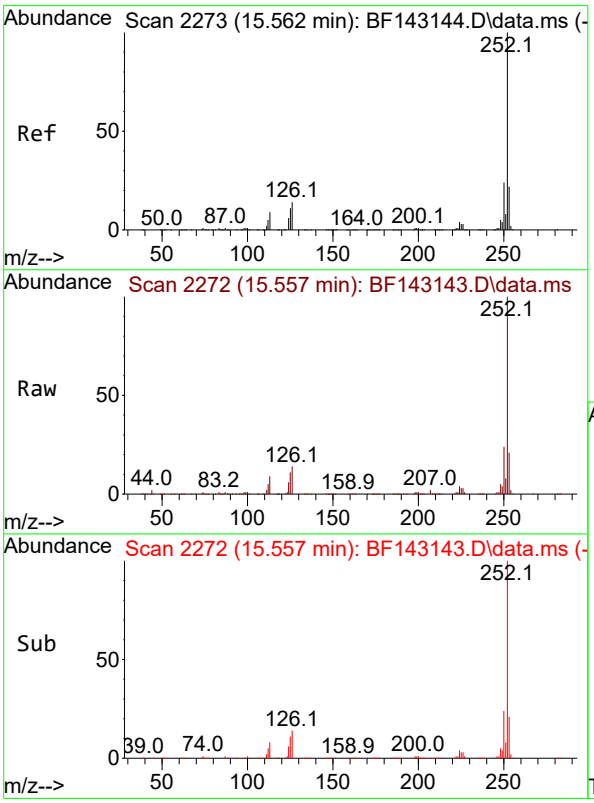
Tgt Ion:252 Resp: 369899

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	8.1	12.1

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

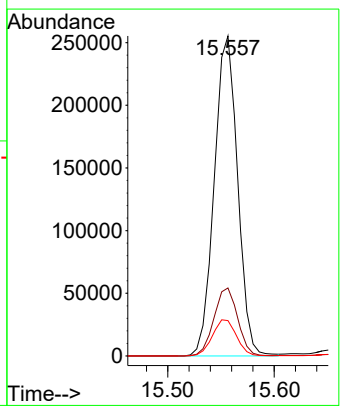


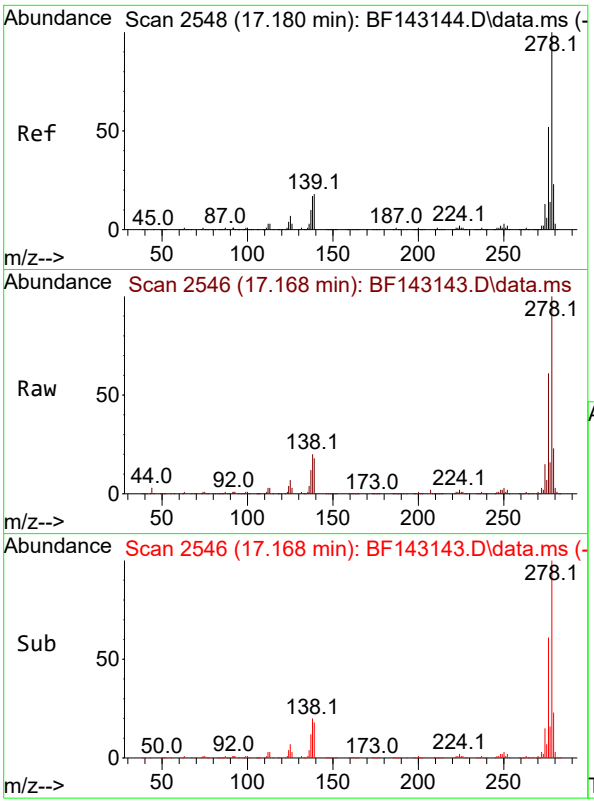


#90
Benzo(a)pyrene
Concen: 20.371 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 388136

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	11.0	8.6	13.0

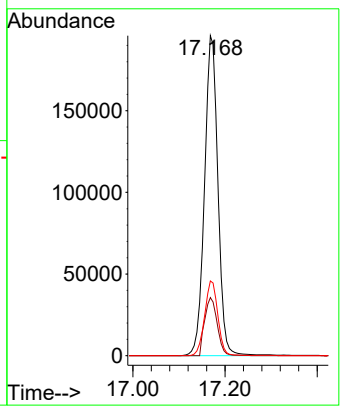




#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:278 Resp: 39894

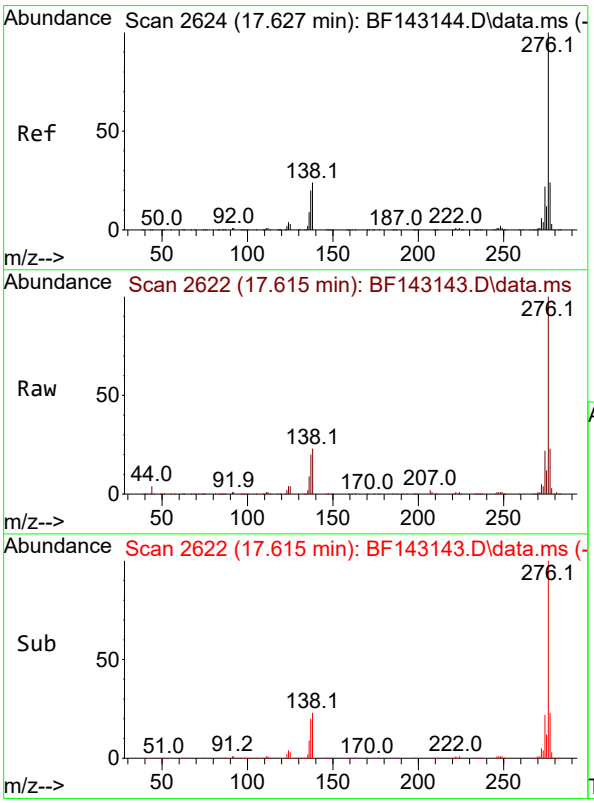
Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.1	21.1
279	23.4	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

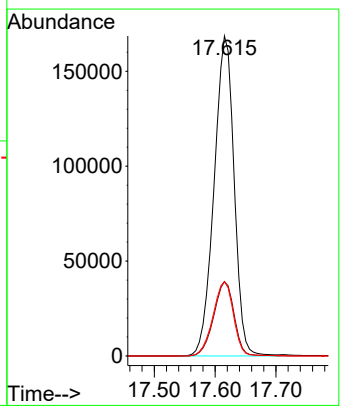
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 20.534 ng
RT: 17.615 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 385915

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	23.3	18.9	28.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	167098	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	641413	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	331881	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	542726	20.000	ng	0.00
76) Chrysene-d12	14.121	240	296414	20.000	ng	0.00
86) Perylene-d12	15.621	264	323574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	823062	77.946	ng	0.00
7) Phenol-d6	6.587	99	1038821	78.160	ng	0.00
23) Nitrobenzene-d5	7.522	82	1023138	79.512	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	279373	81.485	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1802398	74.274	ng	0.00
79) Terphenyl-d14	13.068	244	1554923	78.063	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	200396	40.108	ng	100
3) Pyridine	3.587	79	511417	39.435	ng	100
4) n-Nitrosodimethylamine	3.534	42	270676	40.426	ng	100
6) Aniline	6.622	93	736668	39.770	ng	100
8) 2-Chlorophenol	6.745	128	437914	39.565	ng	100
9) Benzaldehyde	6.516	77	482238	48.387	ng	100
10) Phenol	6.598	94	571741m	39.487	ng	
11) bis(2-Chloroethyl)ether	6.692	93	435450	39.279	ng	100
12) 1,3-Dichlorobenzene	6.904	146	468194	38.939	ng	100
13) 1,4-Dichlorobenzene	6.981	146	474015	39.147	ng	100
14) 1,2-Dichlorobenzene	7.134	146	448808	38.970	ng	100
15) Benzyl Alcohol	7.098	79	406107	40.017	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	808980	39.337	ng	100
17) 2-Methylphenol	7.204	107	366495	39.381	ng	100
18) Hexachloroethane	7.481	117	165263	39.425	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	329619	38.656	ng	100
20) 3+4-Methylphenols	7.357	107	448100	39.685	ng	100
22) Acetophenone	7.369	105	583796	38.444	ng	100
24) Nitrobenzene	7.545	77	481500	40.136	ng	100
25) Isophorone	7.781	82	888017	39.093	ng	100
26) 2-Nitrophenol	7.857	139	220354	42.323	ng	100
27) 2,4-Dimethylphenol	7.886	122	416128	39.210	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	529258	38.860	ng	100
29) 2,4-Dichlorophenol	8.098	162	353866	39.537	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	376590	38.947	ng	100
31) Naphthalene	8.269	128	1224033	38.749	ng	100
32) Benzoic acid	7.992	122	230958m	39.680	ng	
33) 4-Chloroaniline	8.310	127	500402	38.796	ng	100
34) Hexachlorobutadiene	8.386	225	231609	39.211	ng	100
35) Caprolactam	8.681	113	111733	41.312	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	385507	39.628	ng	100
37) 2-Methylnaphthalene	8.957	142	744295	38.720	ng	100
38) 1-Methylnaphthalene	9.057	142	768508	38.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	365234	38.118	ng	100
41) Hexachlorocyclopentadiene	9.116	237	247480	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	255115	38.471	ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	268615	40.494	ng	100
46) 1,1'-Biphenyl	9.422	154	988537	38.177	ng	100
47) 2-Chloronaphthalene	9.445	162	731879	38.200	ng	100
48) 2-Nitroaniline	9.533	65	249908	41.594	ng	100
49) Acenaphthylene	9.863	152	1234789	38.458	ng	100
50) Dimethylphthalate	9.716	163	848828	39.238	ng	100
51) 2,6-Dinitrotoluene	9.775	165	184242	41.866	ng	100
52) Acenaphthene	10.033	154	727386	38.330	ng	100
53) 3-Nitroaniline	9.945	138	210179	40.832	ng	100
54) 2,4-Dinitrophenol	10.045	184	69157	38.449	ng	100
55) Dibenzofuran	10.204	168	1083678	38.462	ng	100
56) 4-Nitrophenol	10.086	139	163009	42.408	ng	100
57) 2,4-Dinitrotoluene	10.175	165	235101	42.581	ng	100
58) Fluorene	10.551	166	804336	38.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	220872	40.196	ng	100
60) Diethylphthalate	10.416	149	842184	39.387	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	406477	38.604	ng	100
62) 4-Nitroaniline	10.557	138	185530	42.055	ng	100
63) Azobenzene	10.698	77	876387	39.326	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	105533	38.322	ng	100
66) n-Nitrosodiphenylamine	10.657	169	731532	38.278	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	247764	38.307	ng	100
68) Hexachlorobenzene	11.098	284	259758	38.424	ng	100
69) Atrazine	11.174	200	212970	40.421	ng	100
70) Pentachlorophenol	11.286	266	161013	40.500	ng	100
71) Phenanthrene	11.510	178	1107412	38.429	ng	100
72) Anthracene	11.563	178	1126710	38.336	ng	100
73) Carbazole	11.710	167	1008669	39.304	ng	100
74) Di-n-butylphthalate	12.039	149	1165443	40.135	ng	100
75) Fluoranthene	12.698	202	1034509	39.111	ng	100
77) Benzidine	12.810	184	564732	49.451	ng	100
78) Pyrene	12.927	202	1016822	40.195	ng	100
80) Butylbenzylphthalate	13.539	149	322273	41.603	ng	100
81) Benzo(a)anthracene	14.110	228	759726	38.283	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	254099	38.418	ng	100
83) Chrysene	14.151	228	715222	40.085	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	467892	39.906	ng	100
85) Di-n-octyl phthalate	14.715	149	820264	38.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	914626	40.086	ng	100
88) Benzo(b)fluoranthene	15.180	252	742346	37.554	ng	100
89) Benzo(k)fluoranthene	15.210	252	733635	41.591	ng	100
90) Benzo(a)pyrene	15.562	252	725344	39.826	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	742180	39.964	ng	100
92) Benzo(g,h,i)perylene	17.627	276	717648	39.949	ng	100

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

ICAL Form

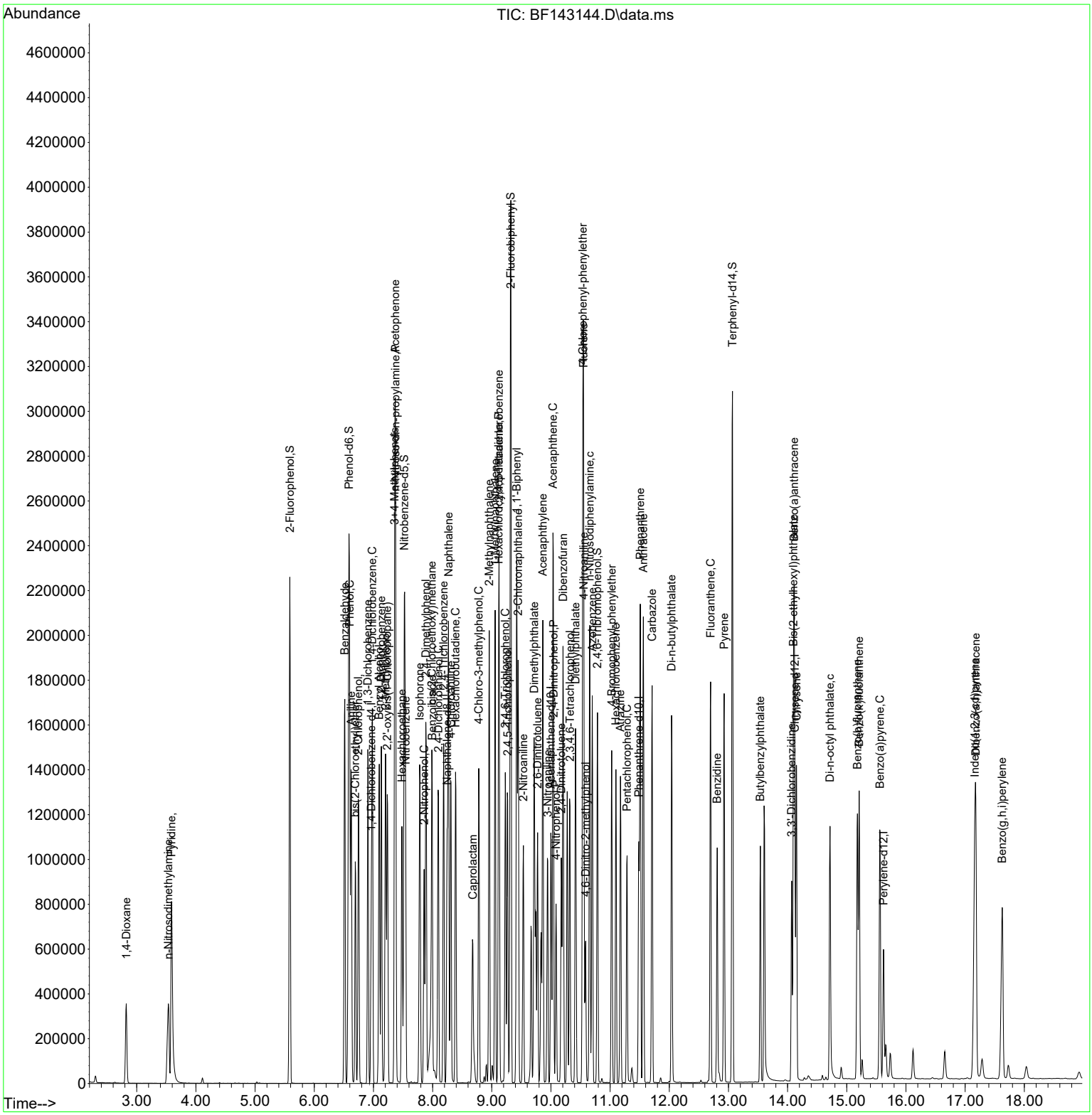
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

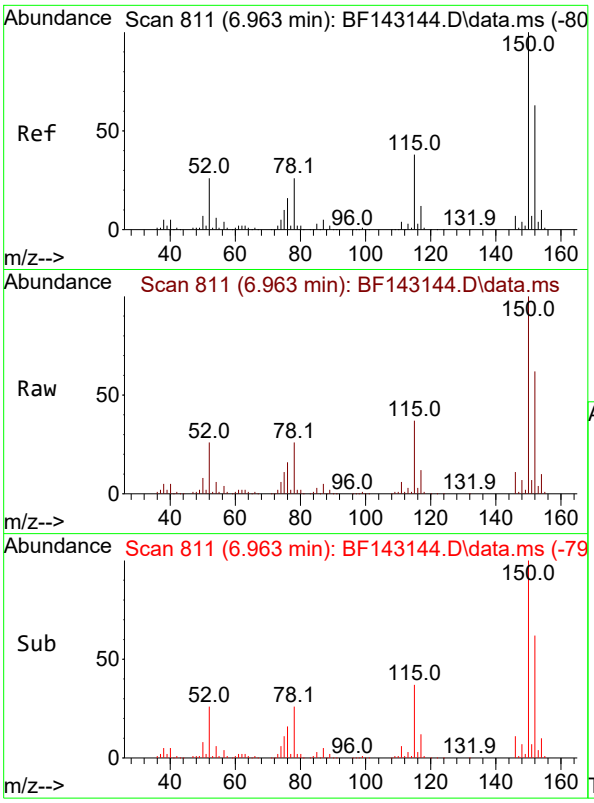
Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

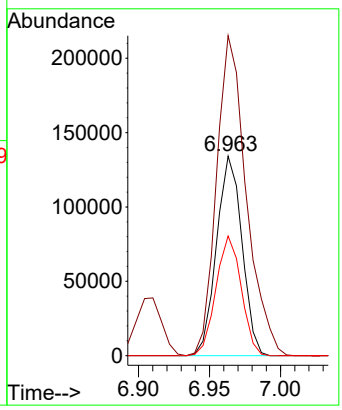




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:152 Resp: 16709

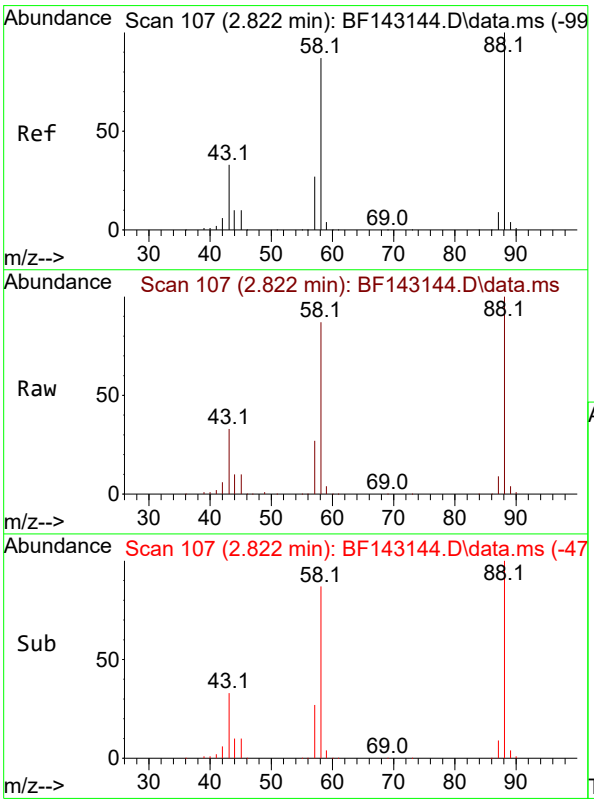
Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	59.9	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

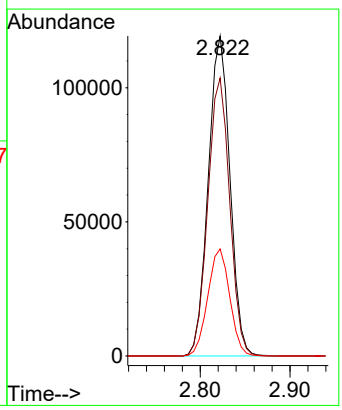
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

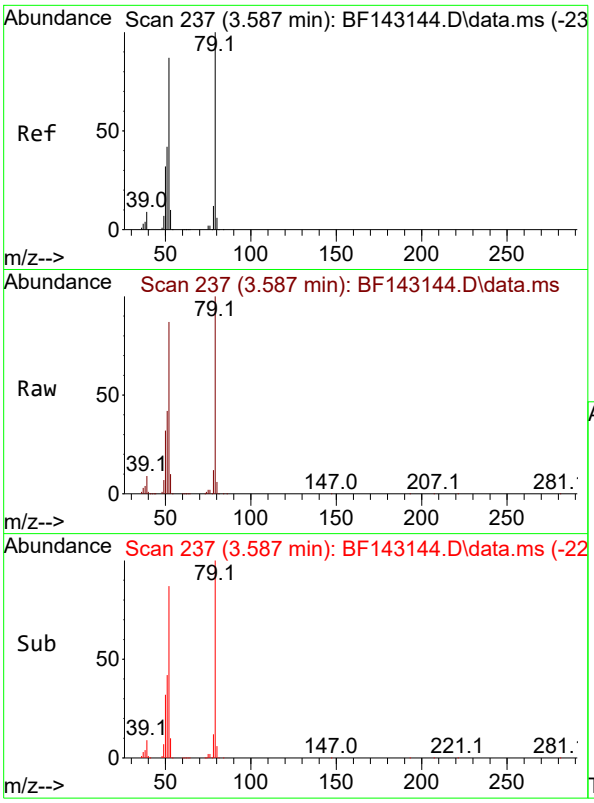


#2
1,4-Dioxane
Concen: 40.108 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 88 Resp: 200396

Ion	Ratio	Lower	Upper
88	100		
58	87.7	70.2	105.2
43	33.9	27.1	40.7

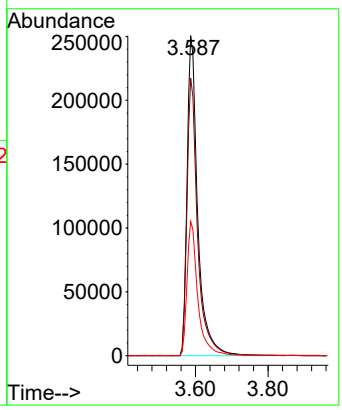




#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 79 Resp: 51141

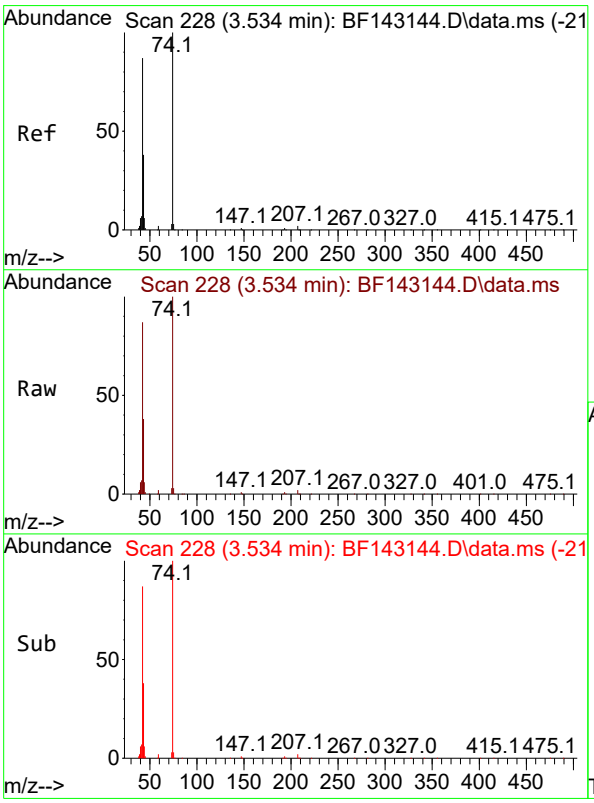
Ion	Ratio	Lower	Upper
79	100		
52	86.8	69.4	104.2
51	41.9	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

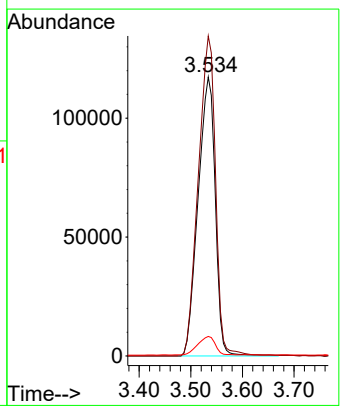
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

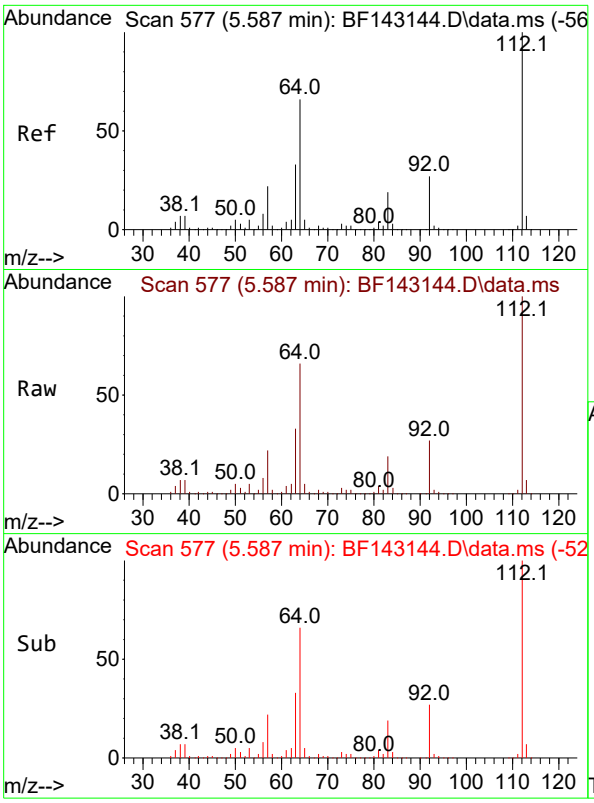


#4
n-Nitrosodimethylamine
Concen: 40.426 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 42 Resp: 270676

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	7.0	5.6	8.4

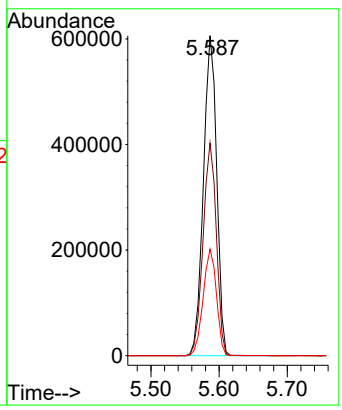




#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:112 Resp: 82306

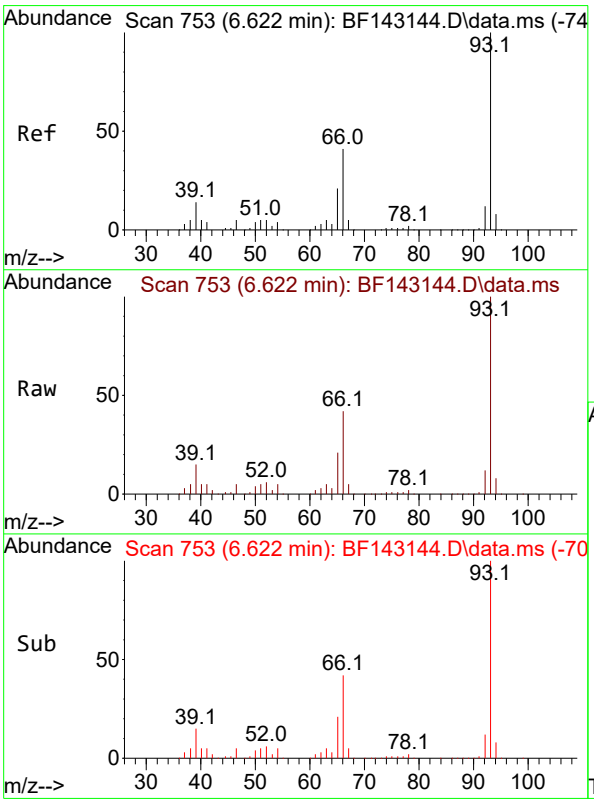
Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.3	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

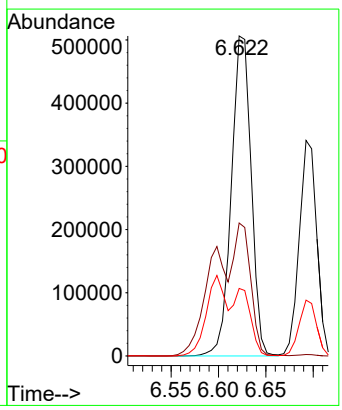
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

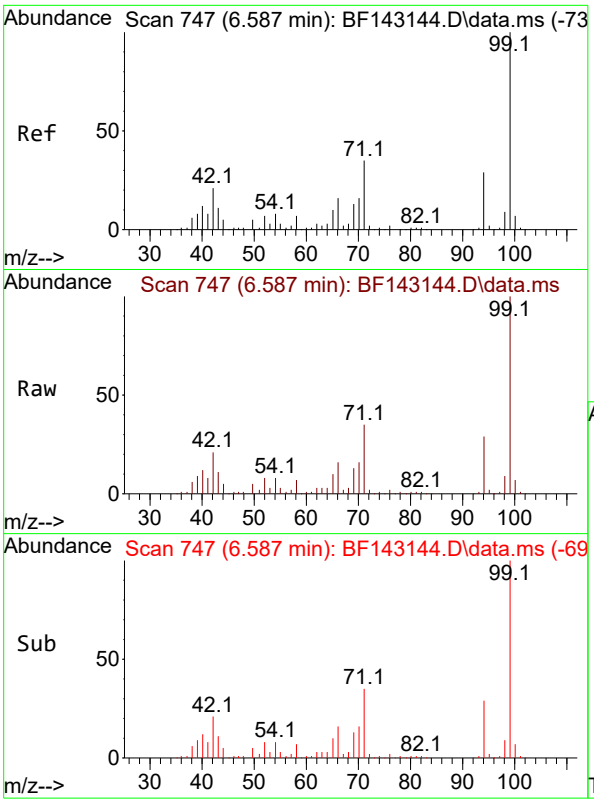


#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668

Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.2	49.8
65	21.1	16.9	25.3

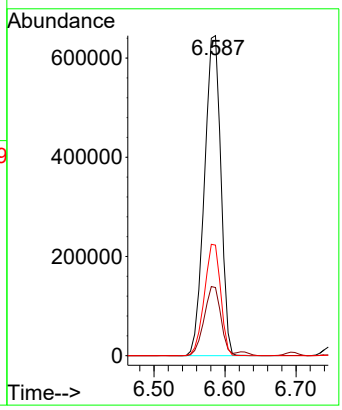




#7
Phenol-d6
Concen: 78.160 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 99 Resp: 103882

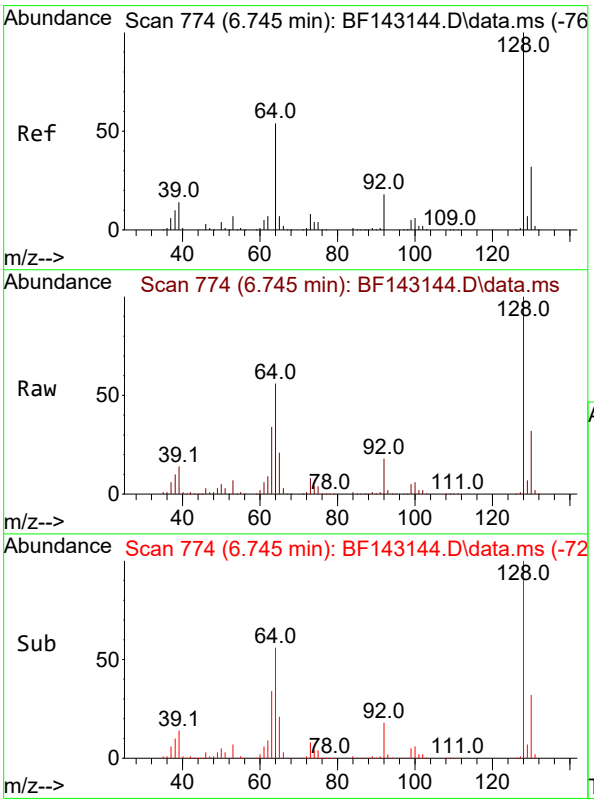
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	34.6	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

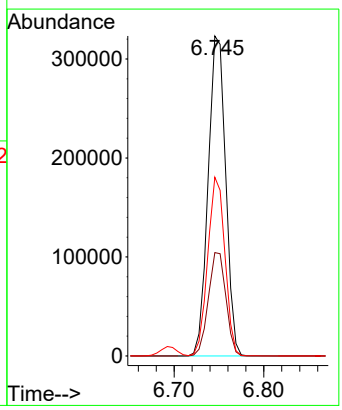
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

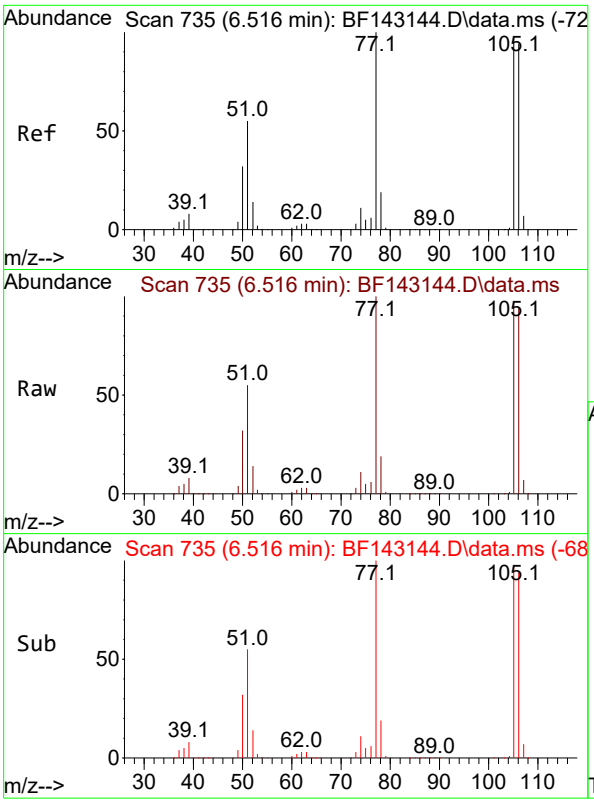


#8
2-Chlorophenol
Concen: 39.565 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 437914

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	55.9	35.9	75.9

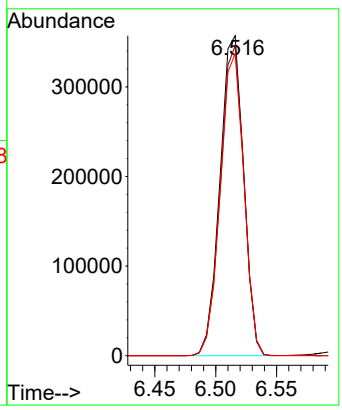




#9
Benzaldehyde
Concen: 48.387 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 48223

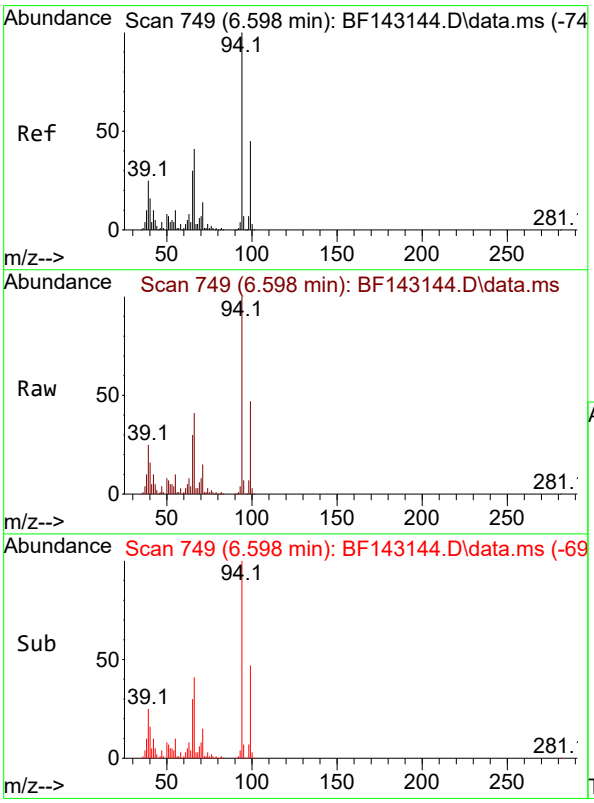
Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.8	116.8
106	94.4	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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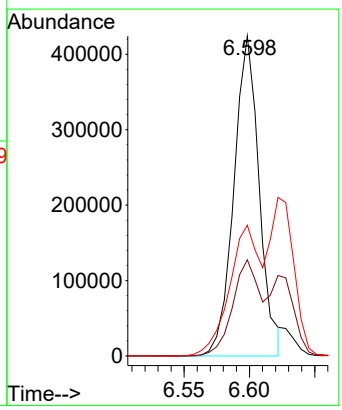
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

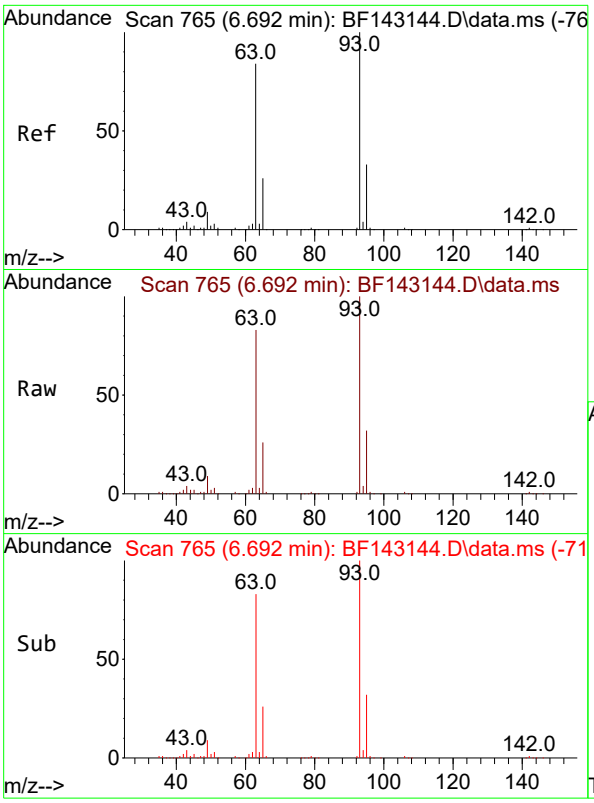


#10
Phenol
Concen: 39.487 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 94 Resp: 571741

Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.0	50.0
66	40.8	20.8	60.8

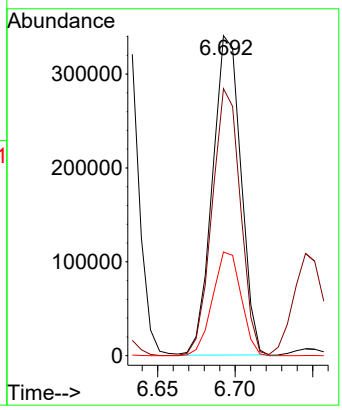




#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 43545

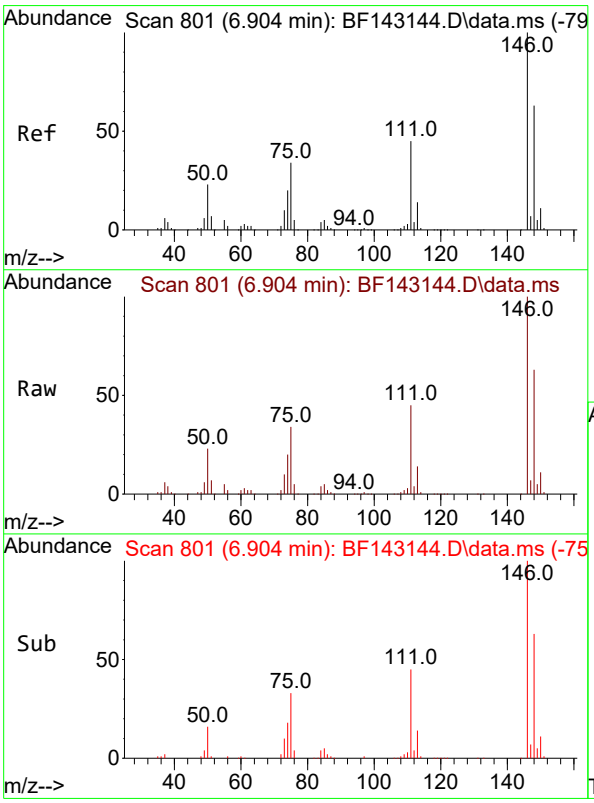
Ion	Ratio	Lower	Upper
93	100		
63	83.4	63.4	103.4
95	32.4	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

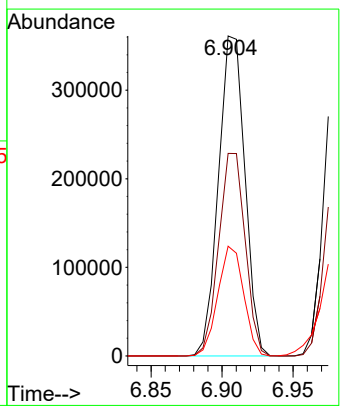
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

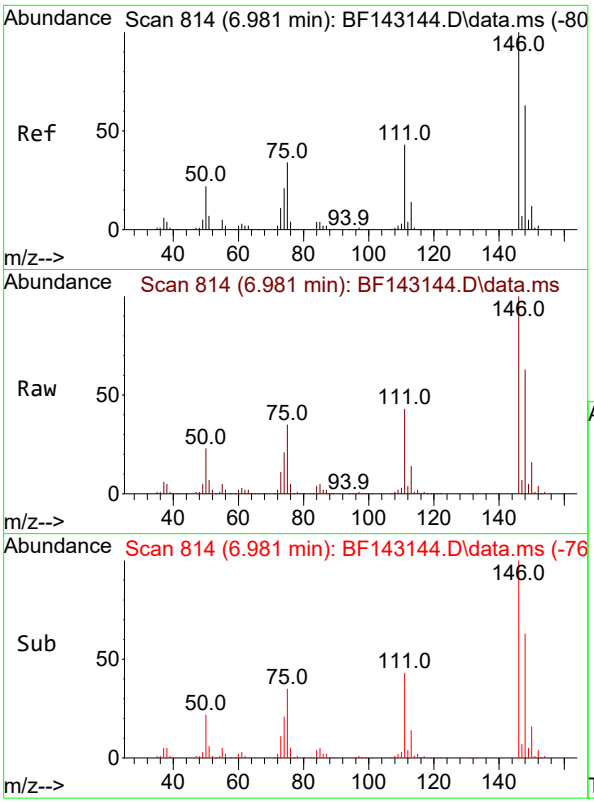


#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	34.3	27.4	41.2

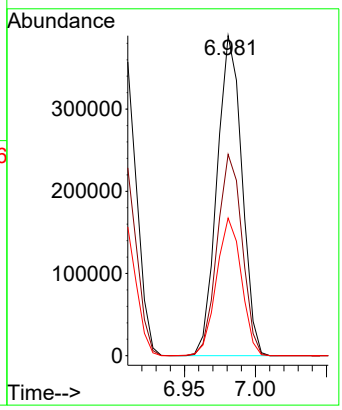




#13
1,4-Dichlorobenzene
Concen: 39.147 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 47401

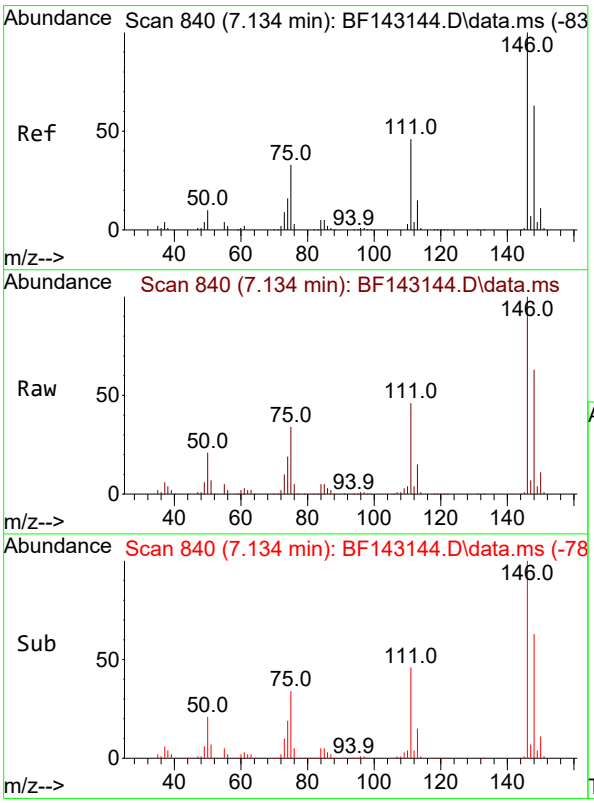
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

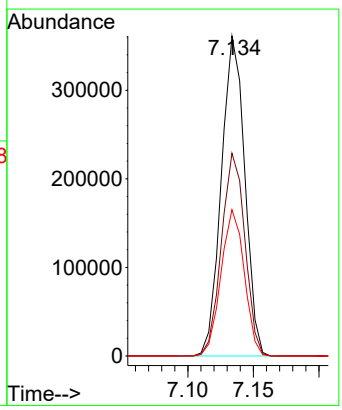
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

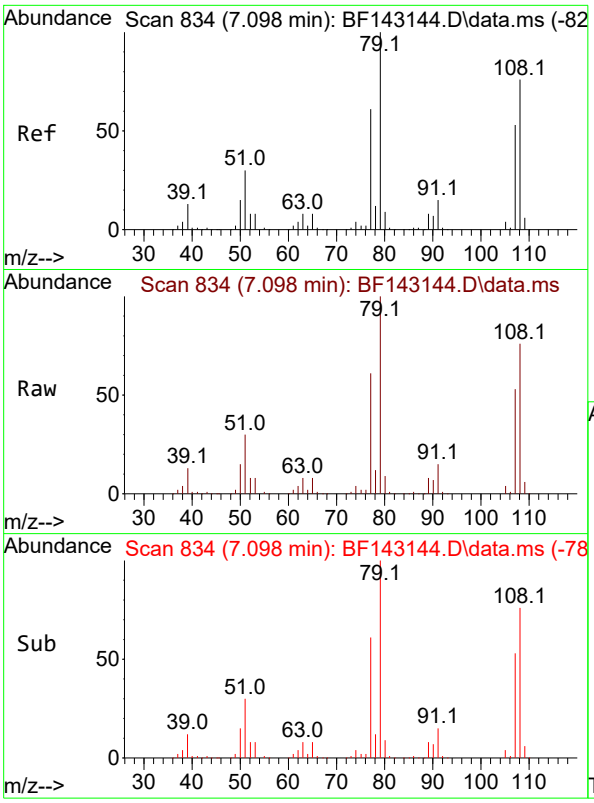


#14
1,2-Dichlorobenzene
Concen: 38.970 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 448808

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	45.7	36.6	54.8





#15
Benzyl Alcohol
Concen: 40.017 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

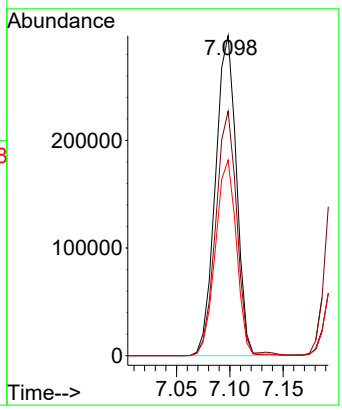
Tgt Ion: 79 Resp: 40610

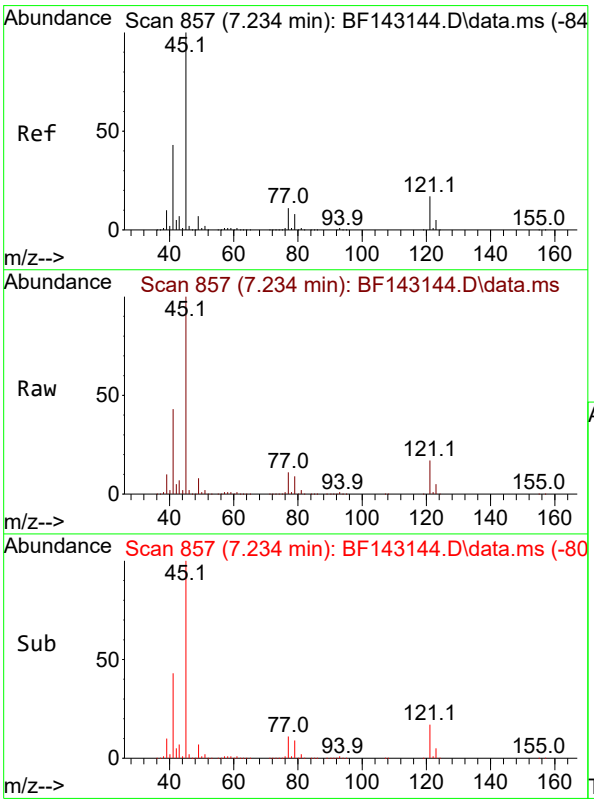
Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.1	91.7
77	61.1	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

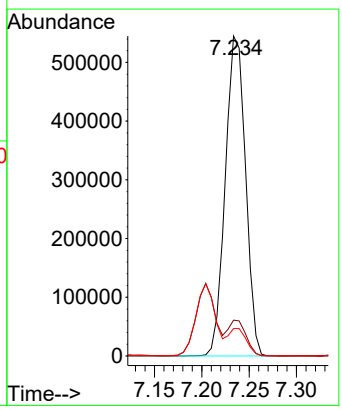


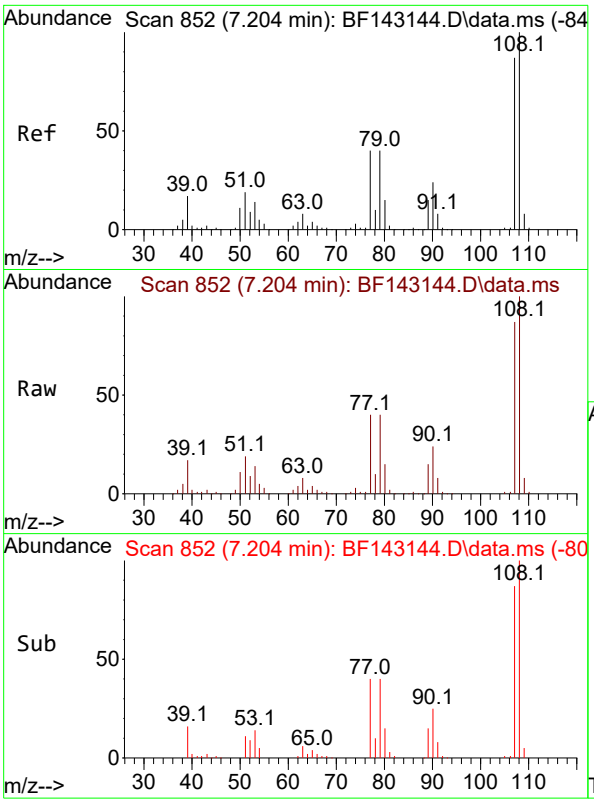


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 45 Resp: 808980

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.5	0.0	28.5

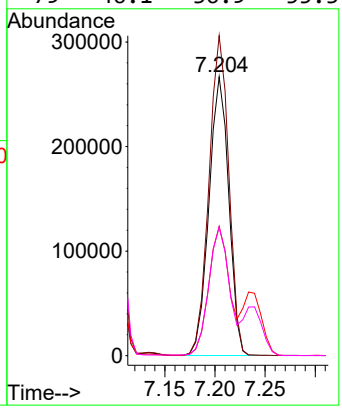




#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 36649

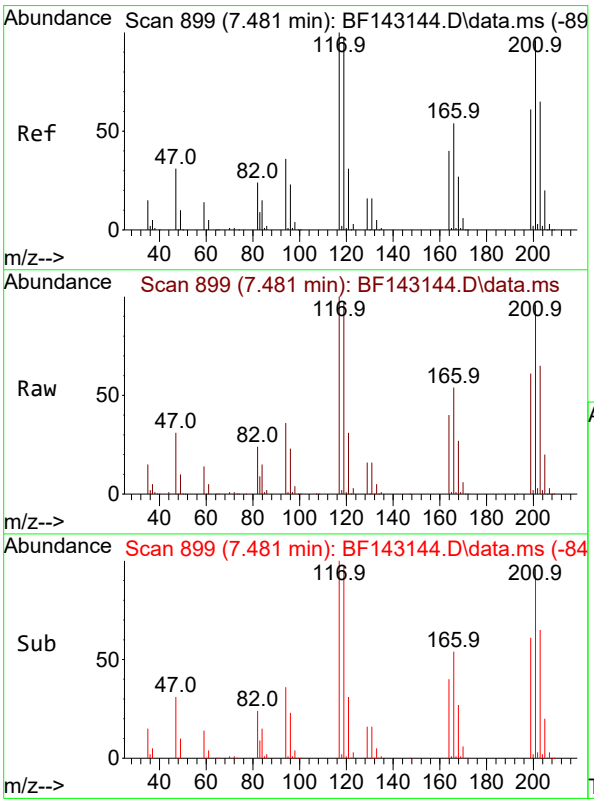
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.8	137.6
77	46.3	37.0	55.6
79	46.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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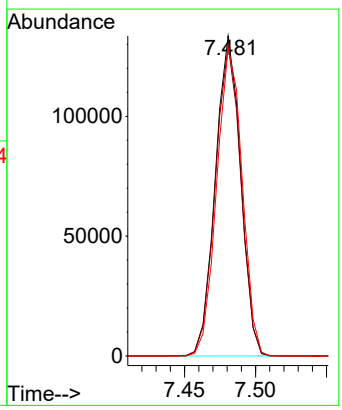
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

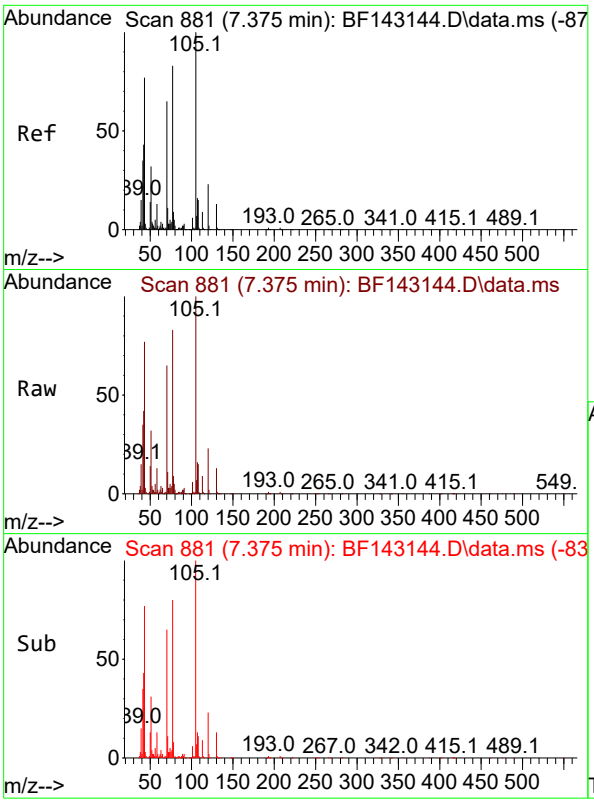


#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:117 Resp: 165263

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
201	96.2	77.0	115.4

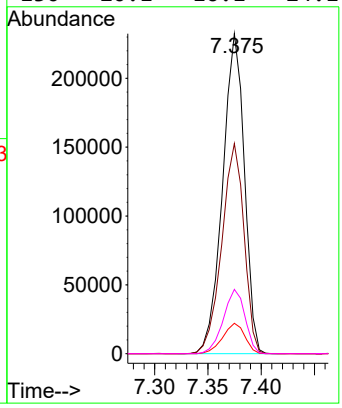




#19
n-Nitroso-di-n-propylamine
Concen: 38.656 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 70 Resp: 32961

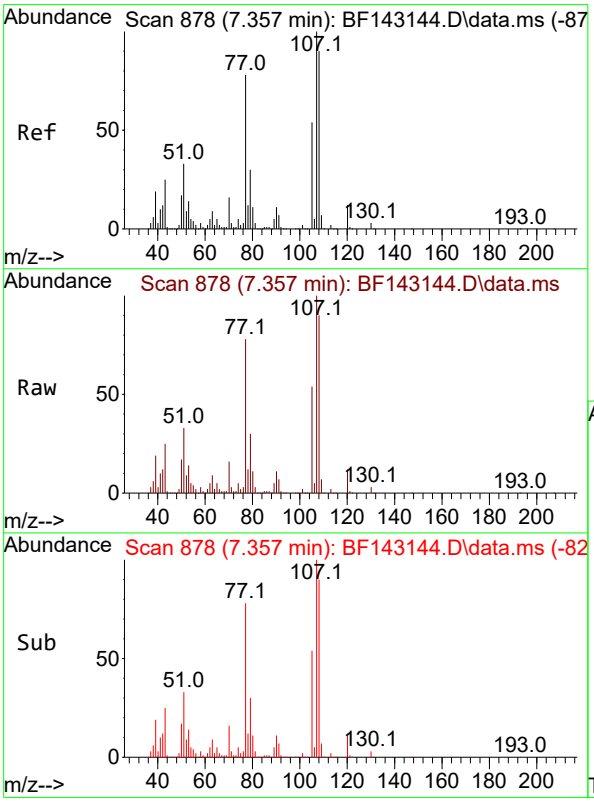
Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.5	7.6	11.4
130	20.1	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

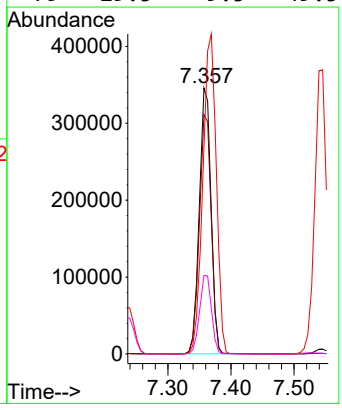
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

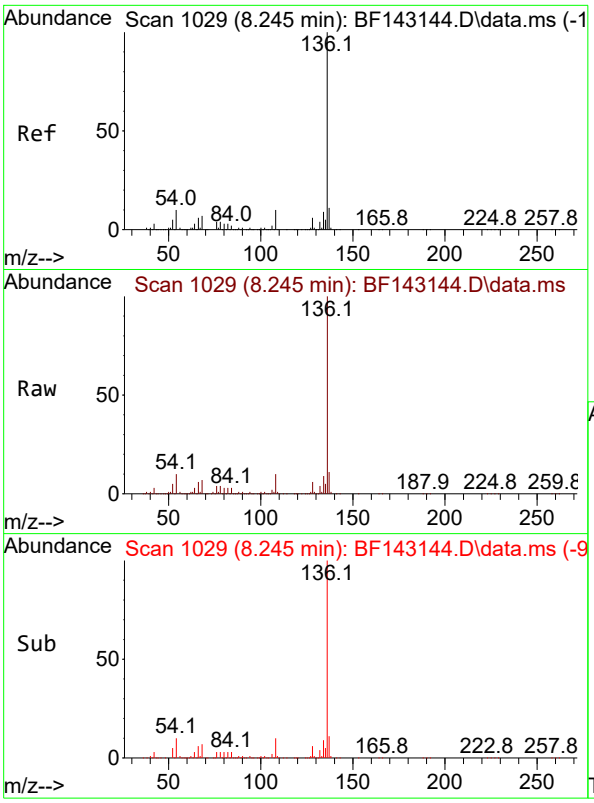


#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 448100

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	77.8	57.8	97.8
79	29.5	9.5	49.5

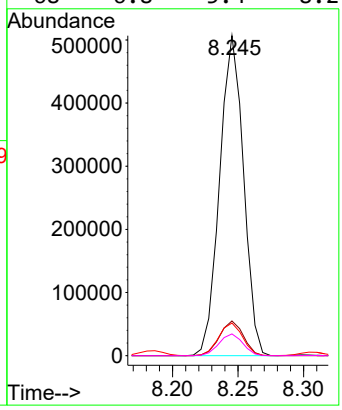




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:136 Resp: 64141

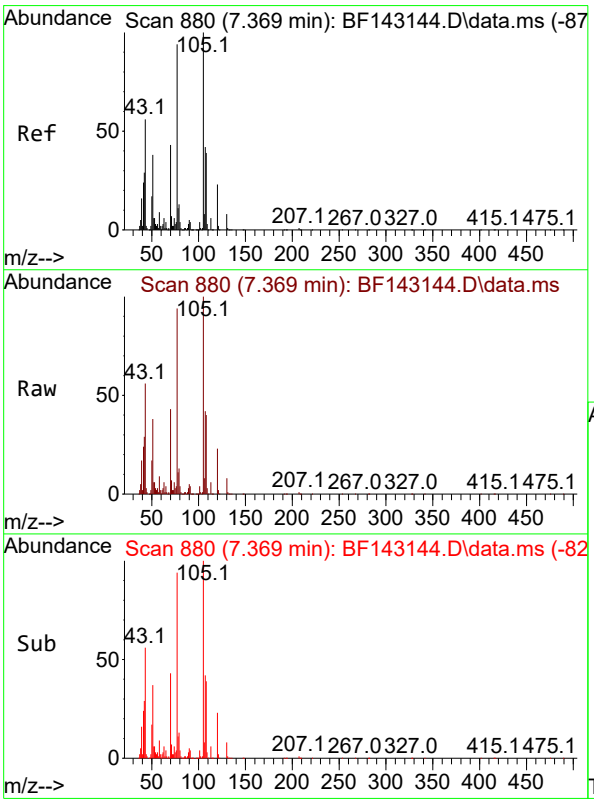
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.2	8.2	12.2
68	6.8	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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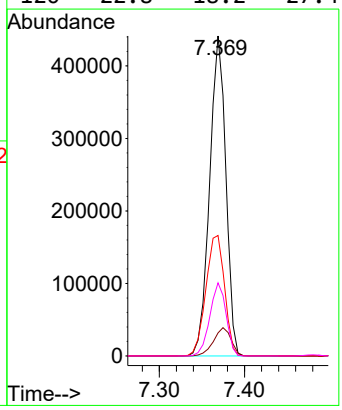
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

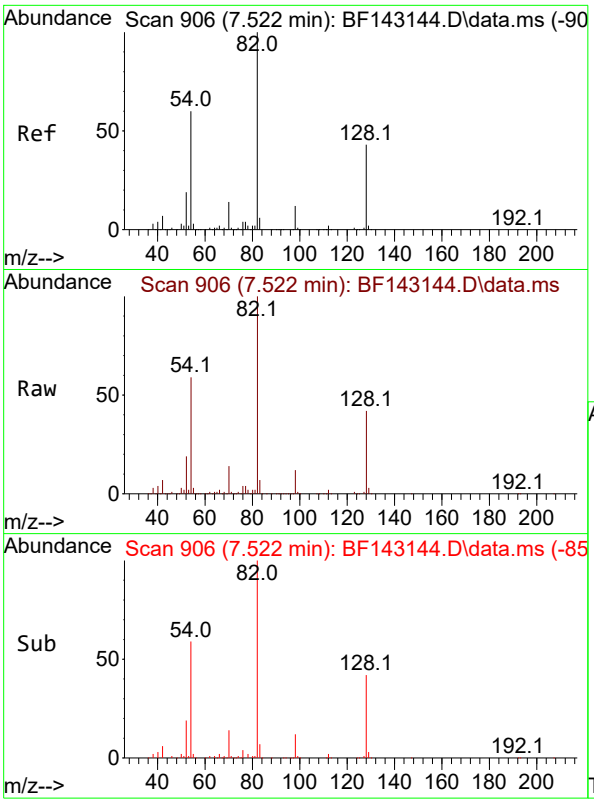


#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.6
51	37.7	30.2	45.2
120	22.8	18.2	27.4





#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

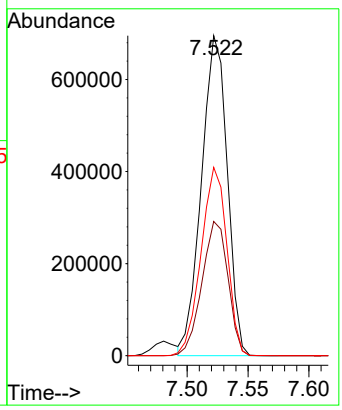
Tgt Ion: 82 Resp: 102313

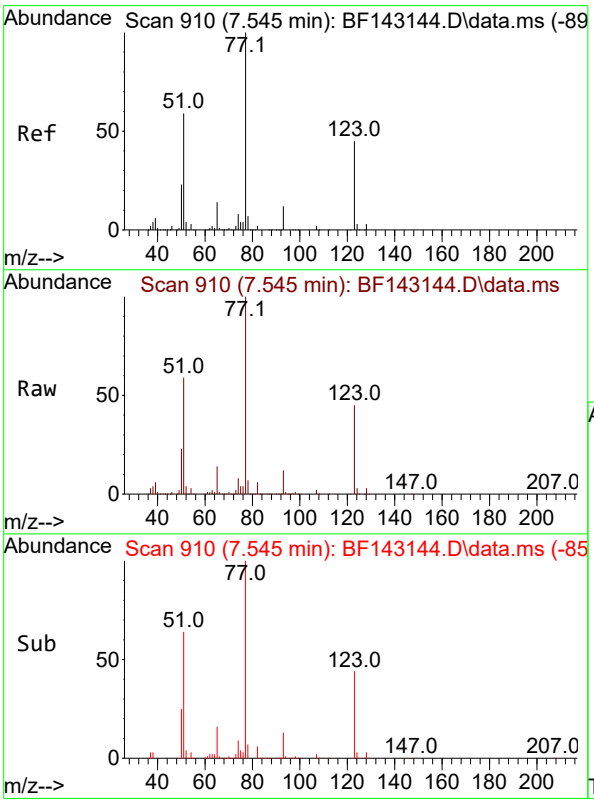
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	58.9	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

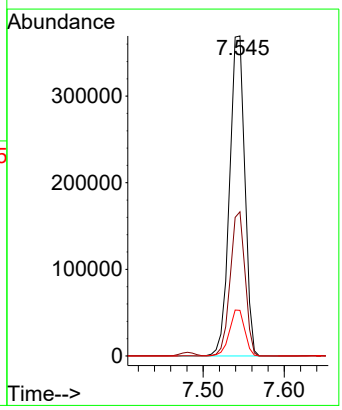


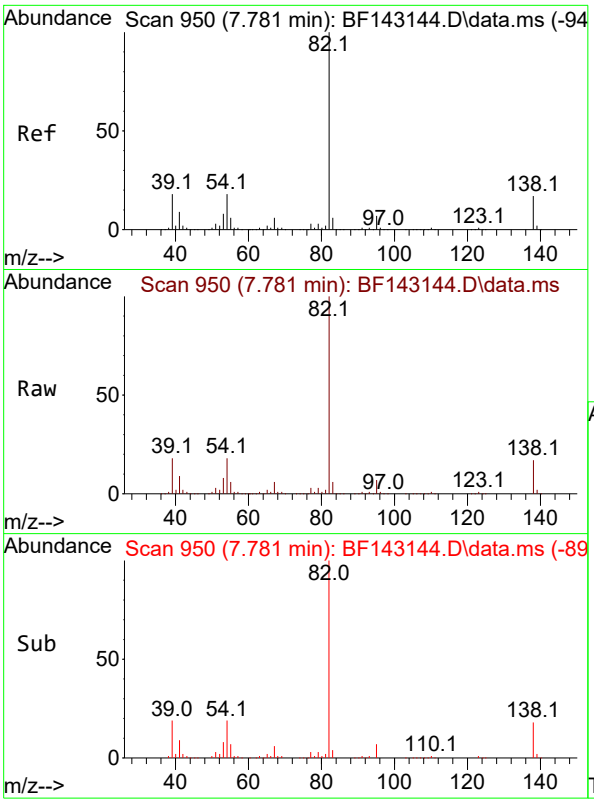


#24
Nitrobenzene
Concen: 40.136 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 481500

Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.1	54.1
65	14.3	11.4	17.2





#25
Isophorone
Concen: 39.093 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

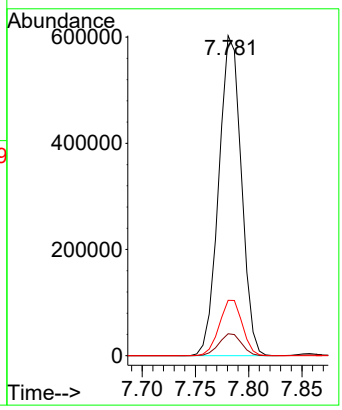
Tgt Ion: 82 Resp: 88801

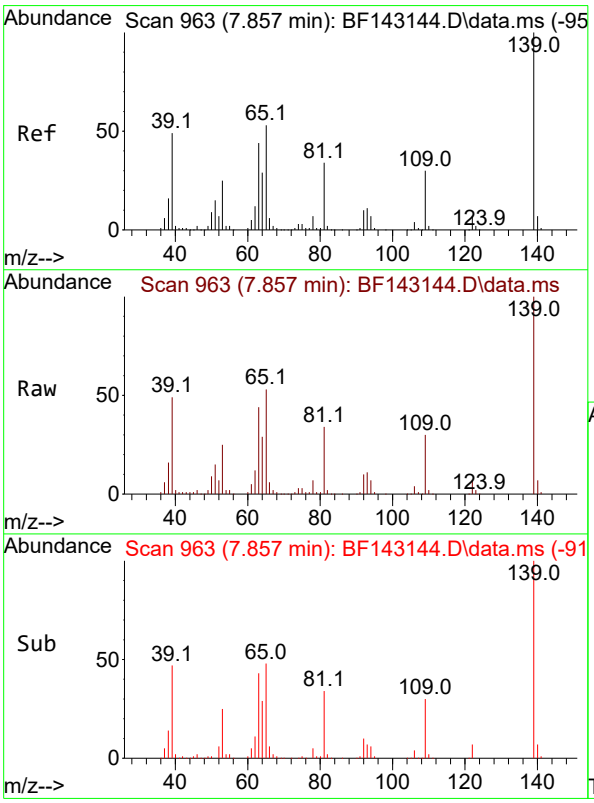
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.3	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

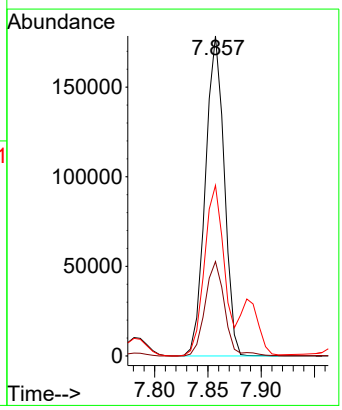


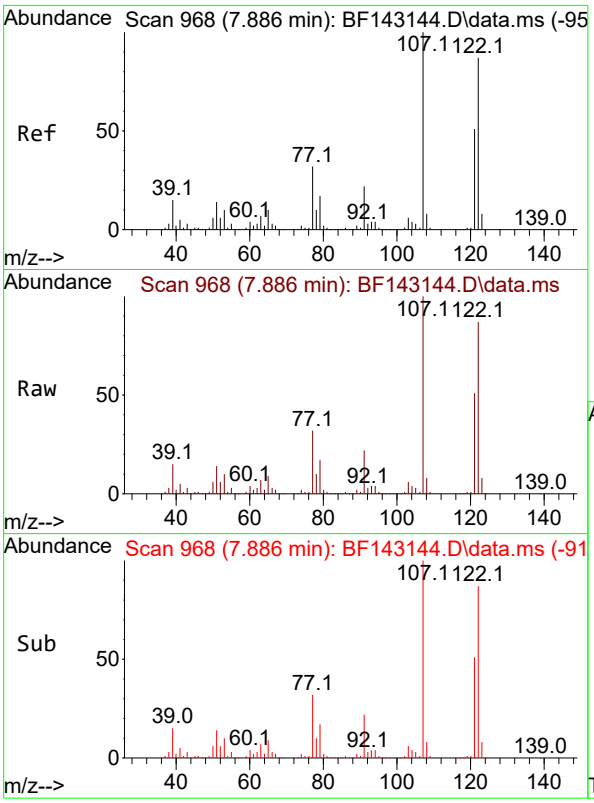


#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	53.3	42.6	64.0

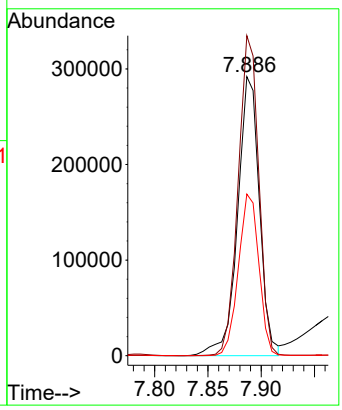




#27
2,4-Dimethylphenol
Concen: 39.210 ng
RT: 7.886 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 41612

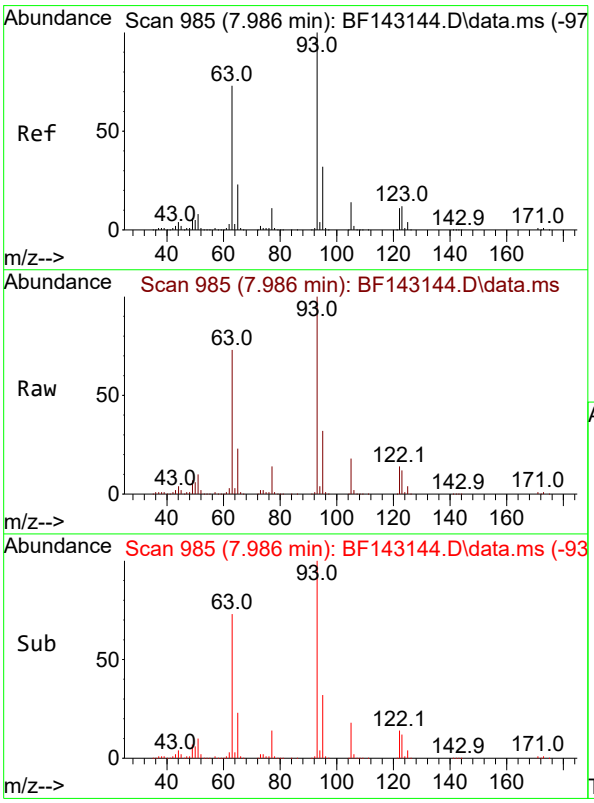
Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.8	137.6
121	57.9	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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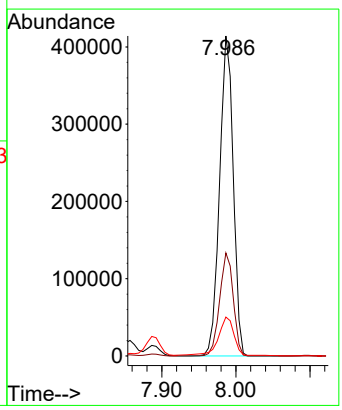
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

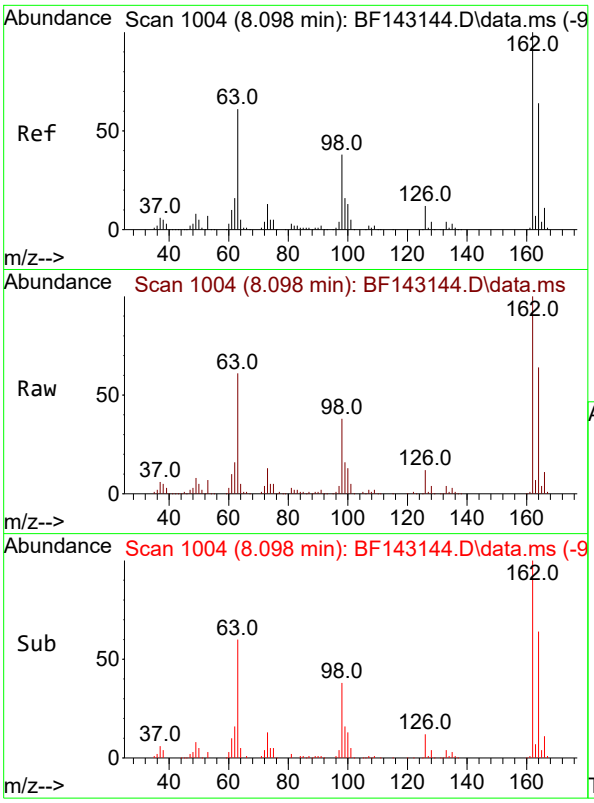


#28
bis(2-Chloroethoxy)methane
Concen: 38.860 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 529258

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.1	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 39.537 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

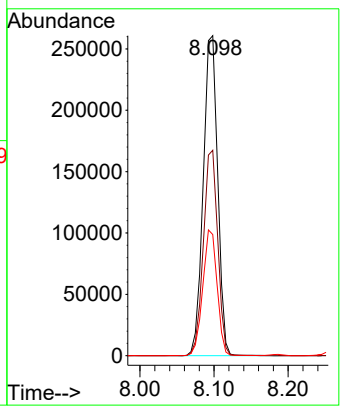
Tgt Ion:162 Resp: 35386

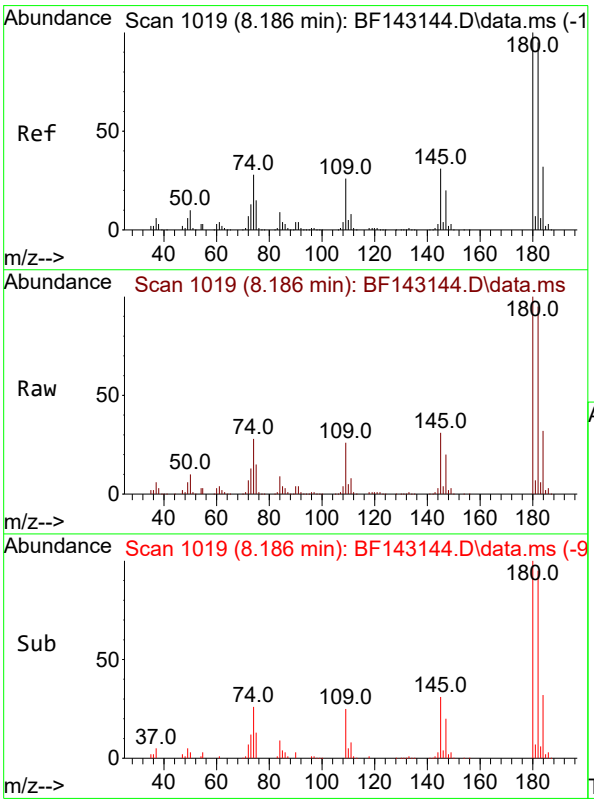
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	37.9	17.9	57.9

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

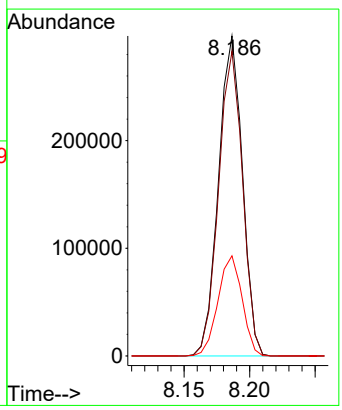


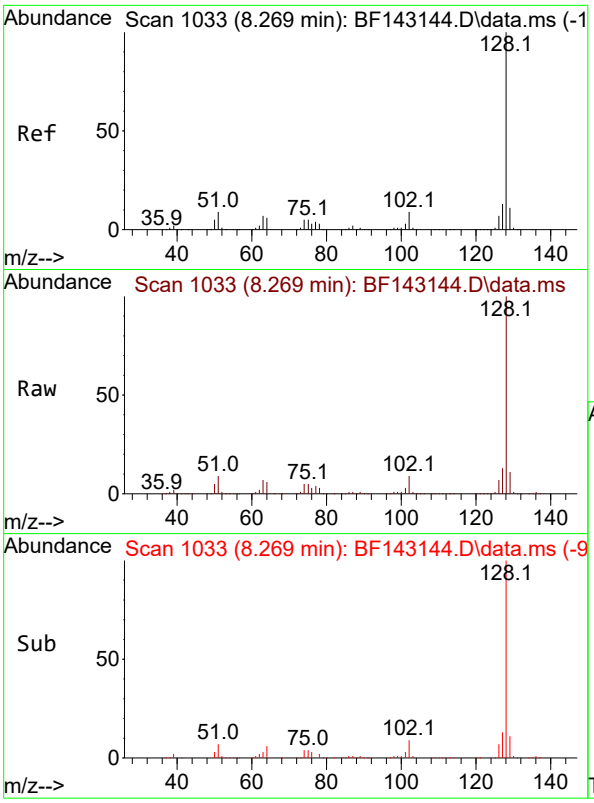


#30
1,2,4-Trichlorobenzene
Concen: 38.947 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:180 Resp: 376590

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	31.3	25.0	37.6





#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

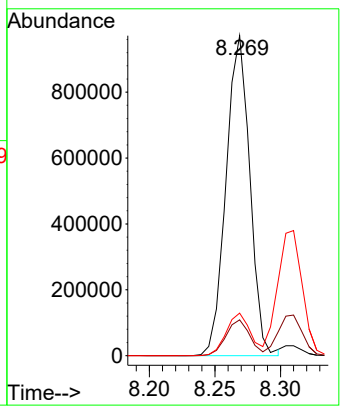
Tgt Ion:128 Resp: 122403

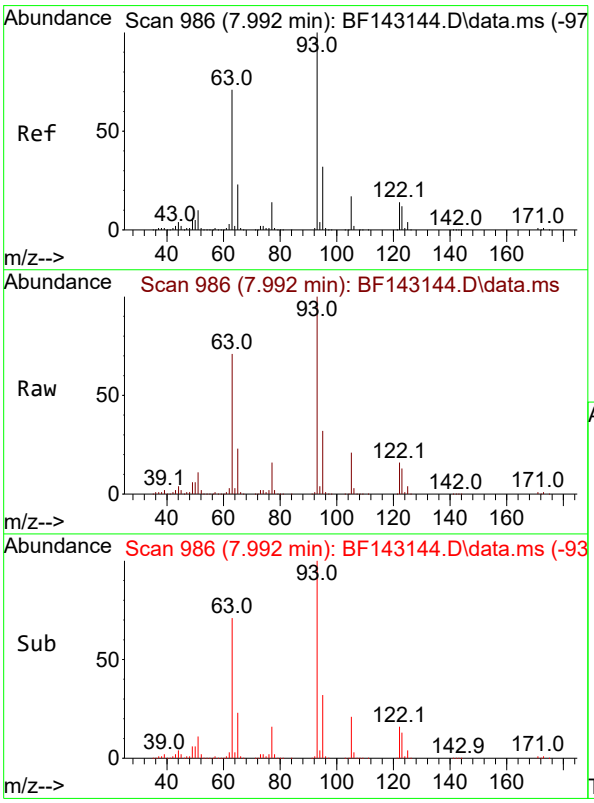
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

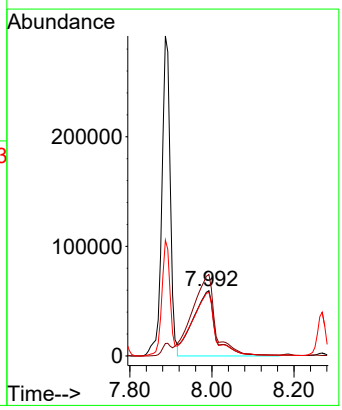


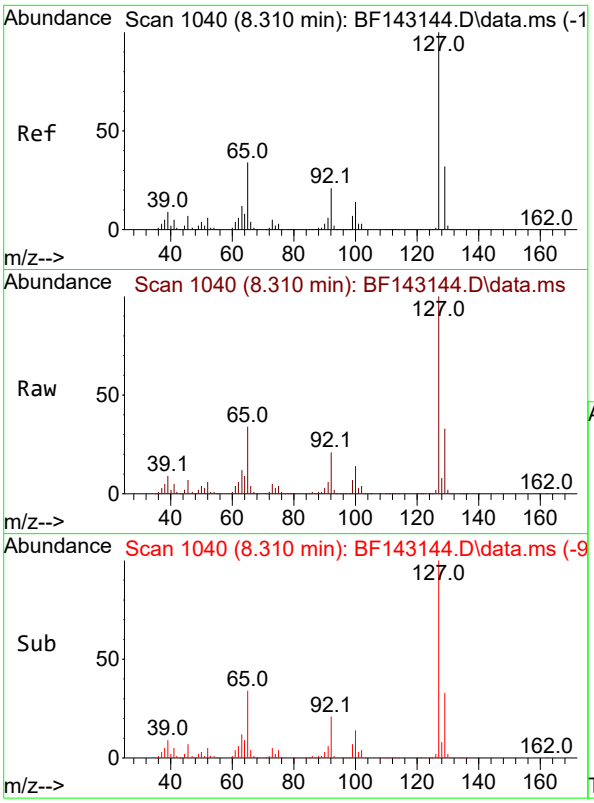


#32
Benzoic acid
Concen: 39.680 ng m
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 230958

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	97.6	77.6	117.6

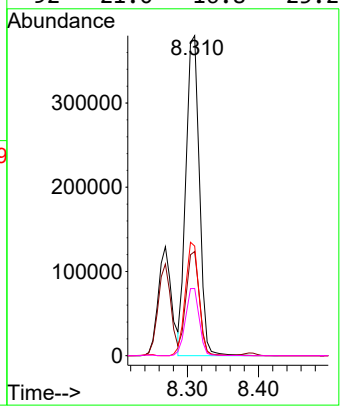




#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:127 Resp: 50040

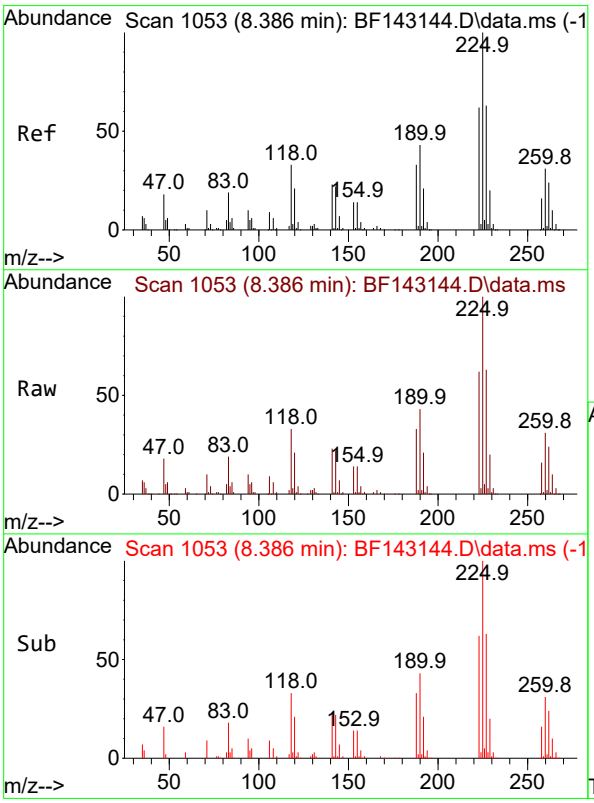
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	34.3	27.4	41.2
92	21.0	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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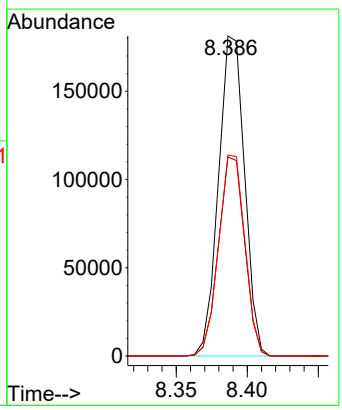
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

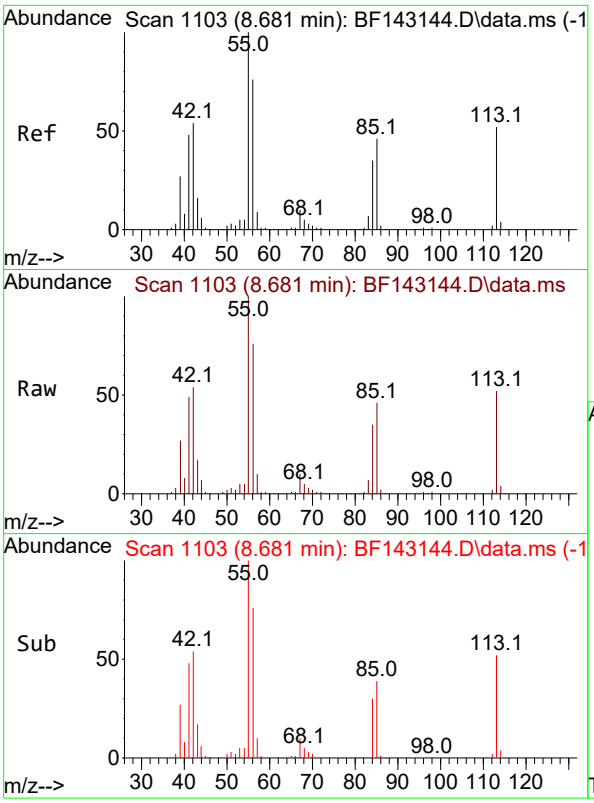


#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	62.8	50.2	75.4





#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

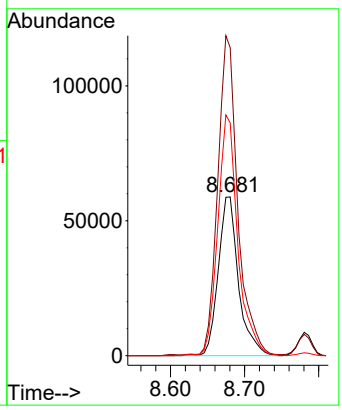
Tgt Ion:113 Resp: 11173

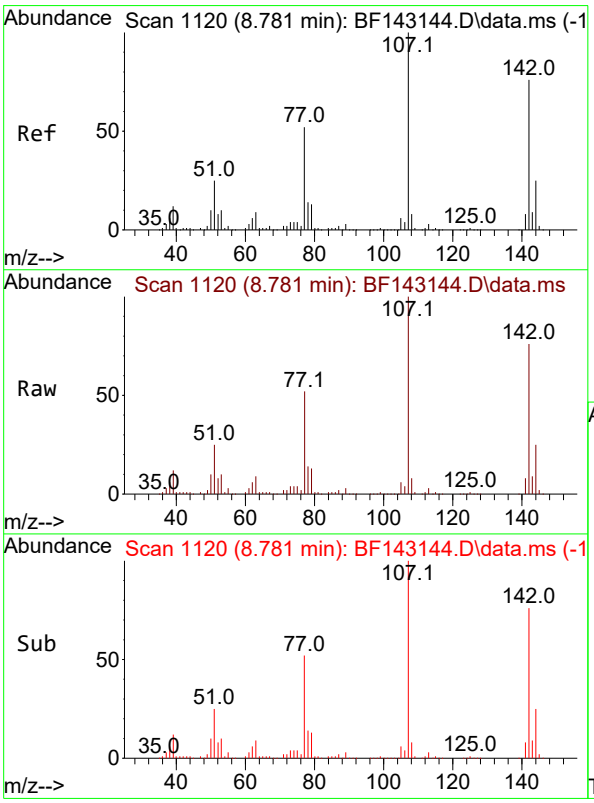
Ion	Ratio	Lower	Upper
113	100		
55	194.0	174.0	214.0
56	146.6	126.6	166.6

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

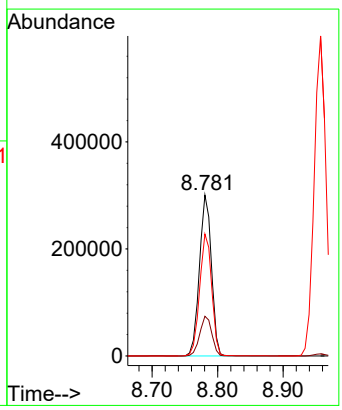


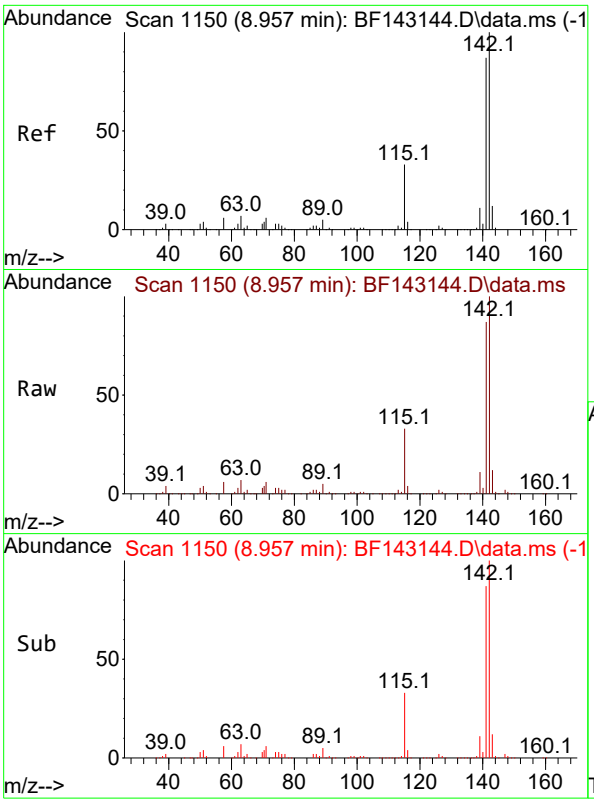


#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 385507

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	75.7	60.6	90.8

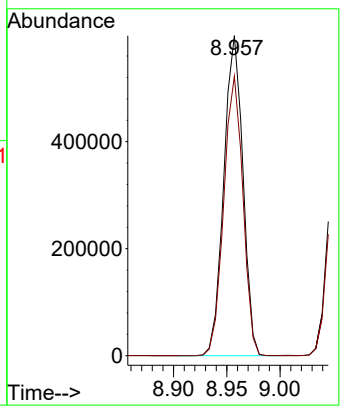




#37
2-Methylnaphthalene
Concen: 38.720 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 74429

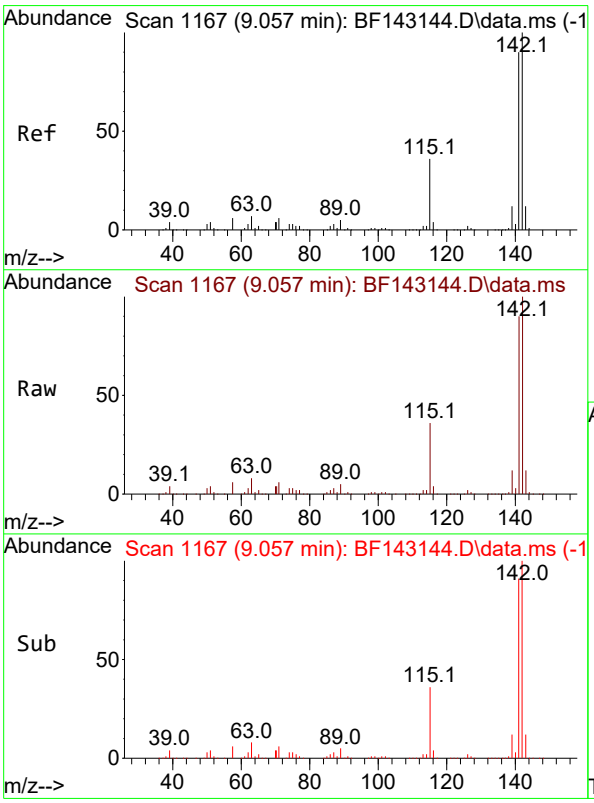
Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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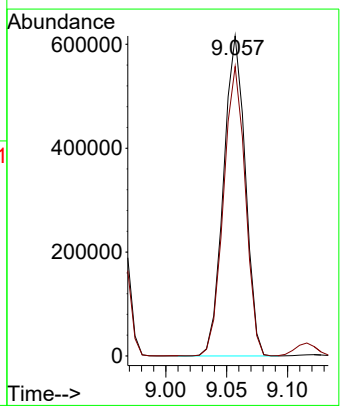
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

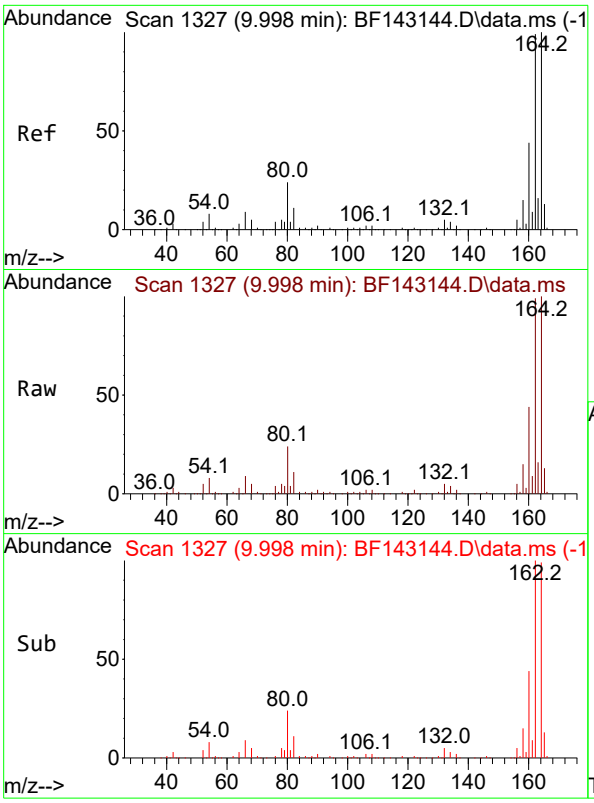


#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 768508

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

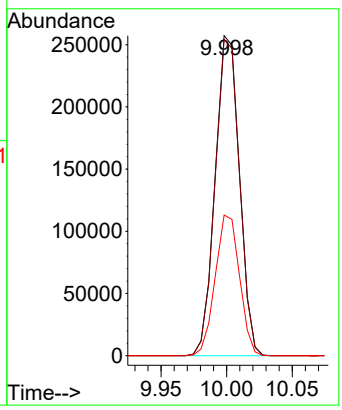




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:164 Resp: 33188

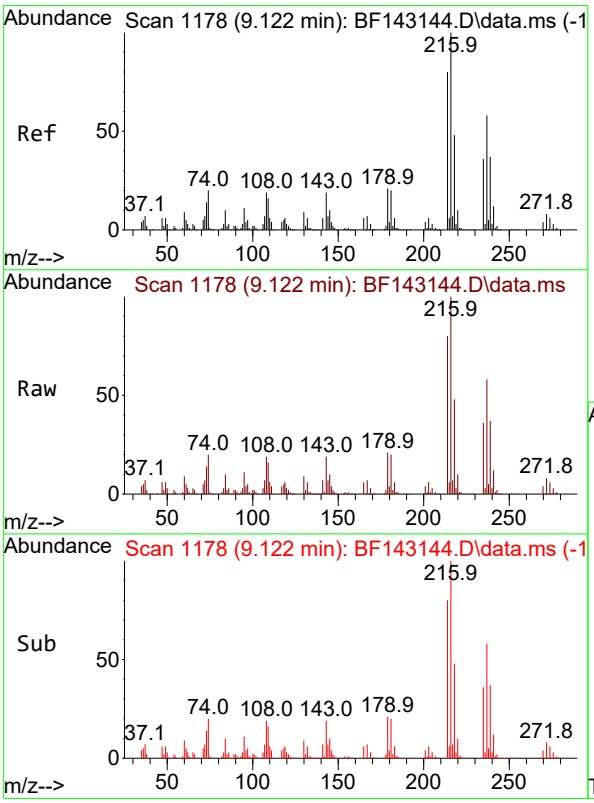
Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.0	118.6
160	43.9	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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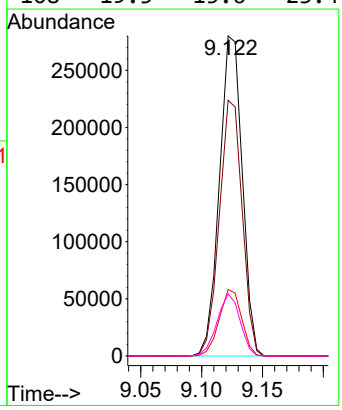
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

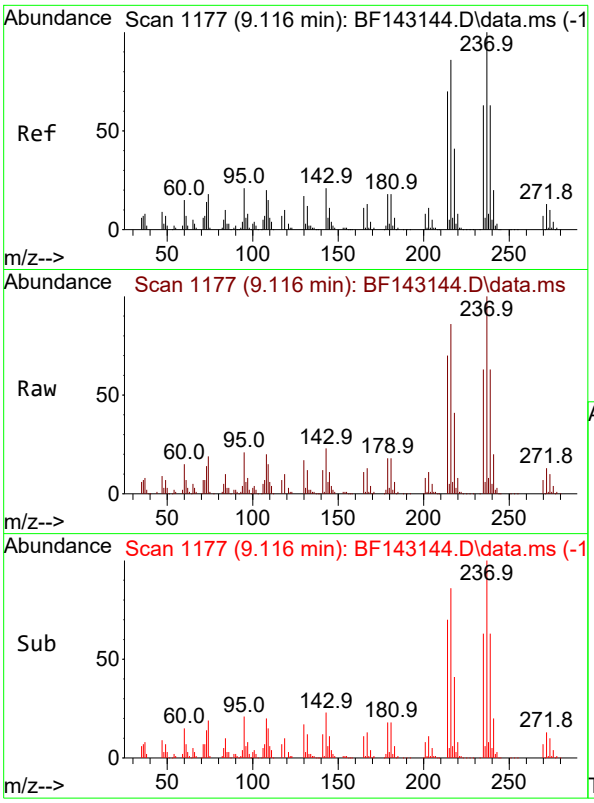


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.118 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	20.5	16.4	24.6
108	19.5	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

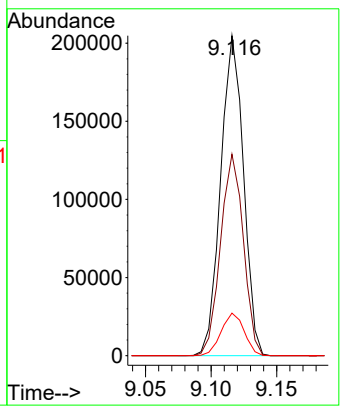
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

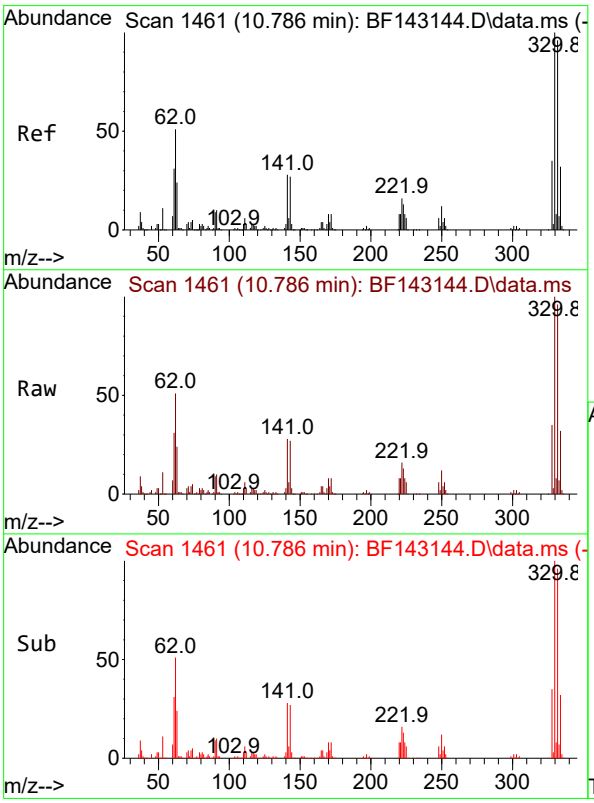
Tgt Ion:237 Resp: 24748

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.0	83.0
272	13.3	0.0	33.3

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

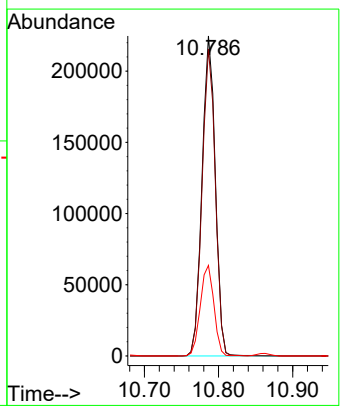


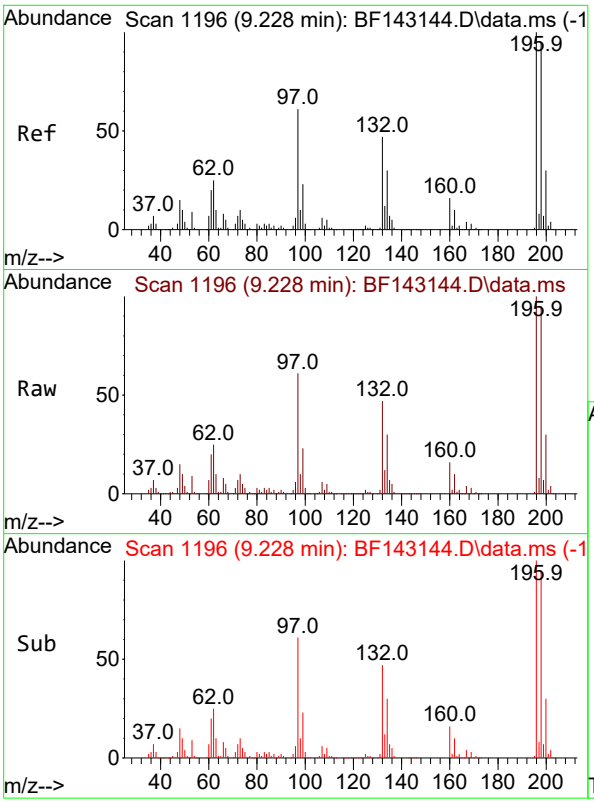


#42
2,4,6-Tribromophenol
Concen: 81.485 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:330 Resp: 279373

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	29.1	23.3	34.9





#43
2,4,6-Trichlorophenol
Concen: 38.471 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

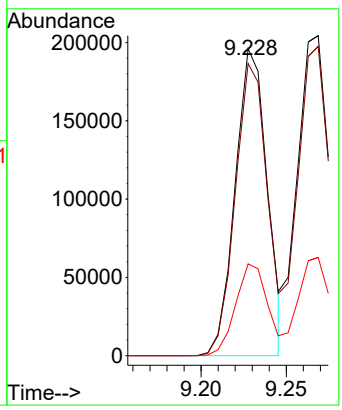
Tgt Ion:196 Resp: 25511

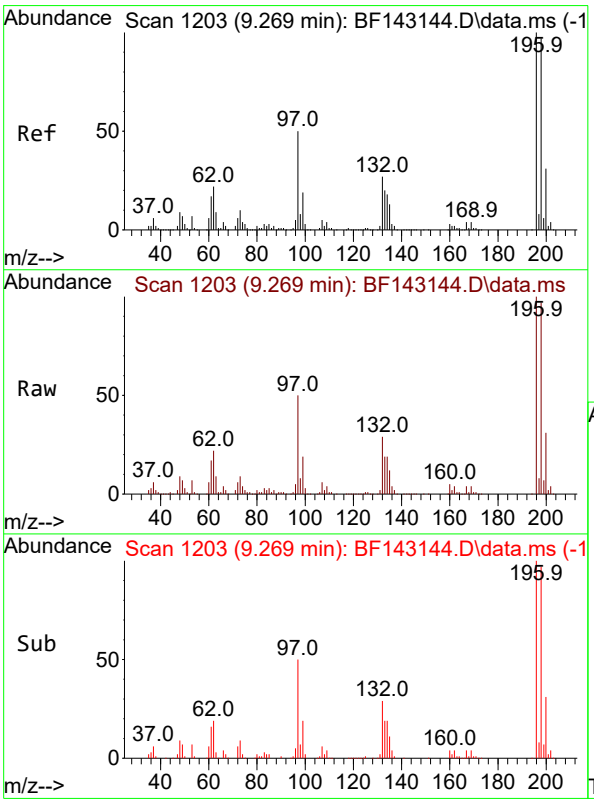
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	29.9	23.9	35.9

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

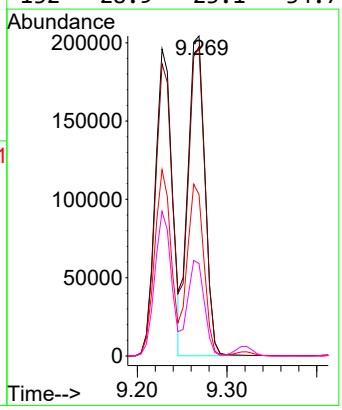


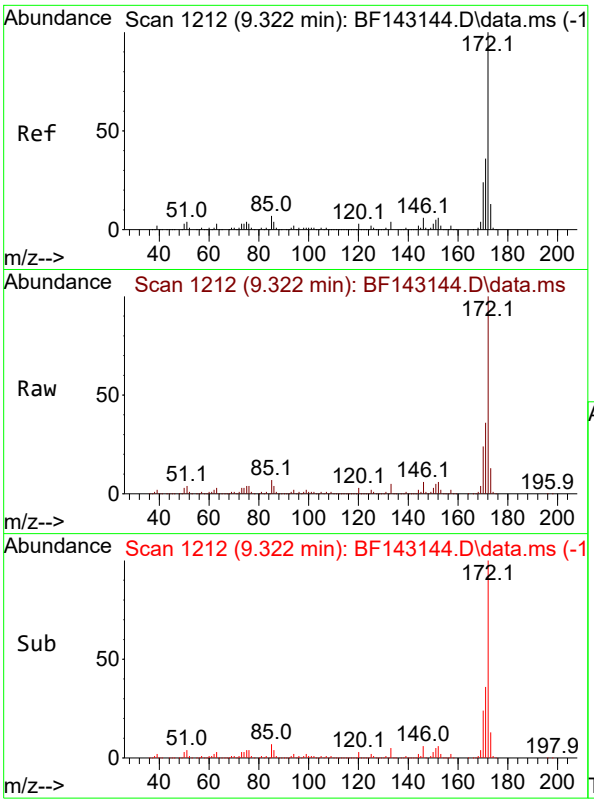


#44
2,4,5-Trichlorophenol
Concen: 40.494 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 268615

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.4	40.3	60.5
132	28.9	23.1	34.7

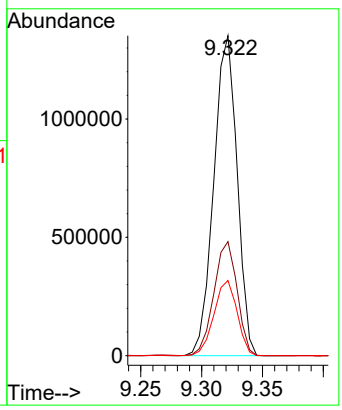




#45
2-Fluorobiphenyl
Concen: 74.274 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:172 Resp: 180239

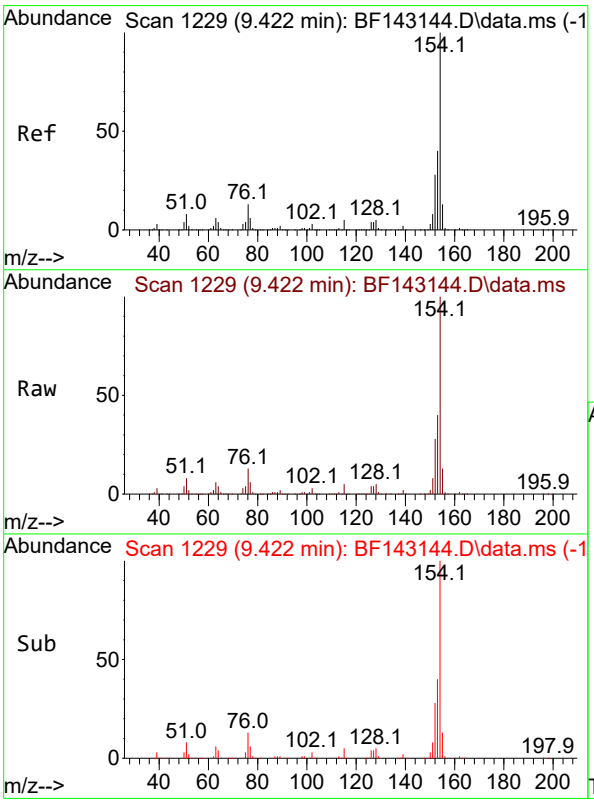
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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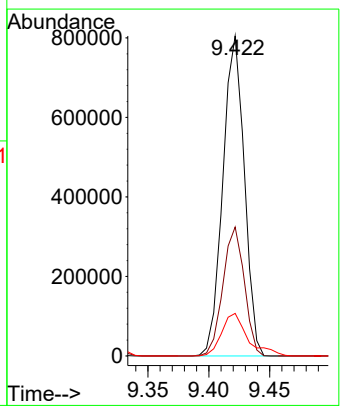
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

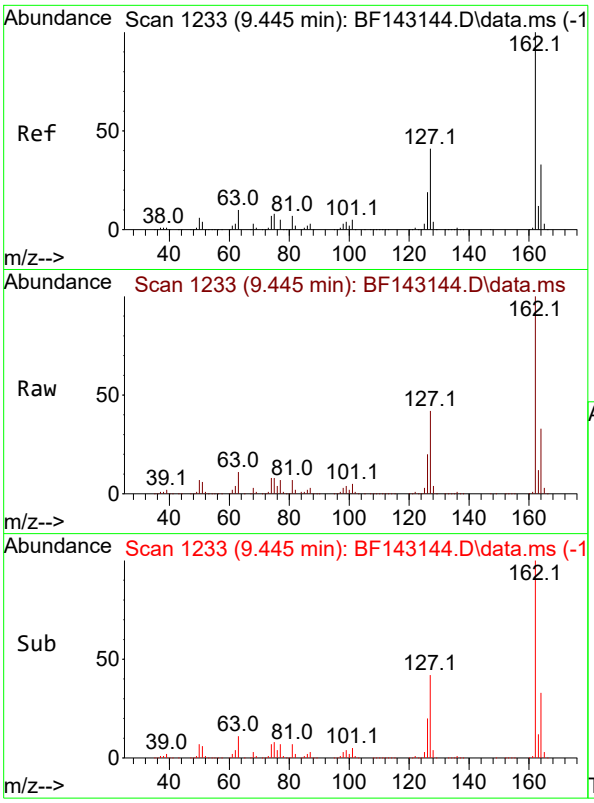


#46
1,1'-Biphenyl
Concen: 38.177 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 988537

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.3	0.0	33.3

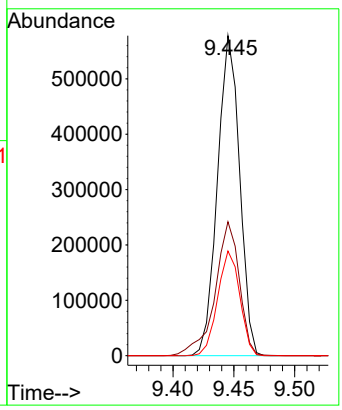




#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:162 Resp: 731879

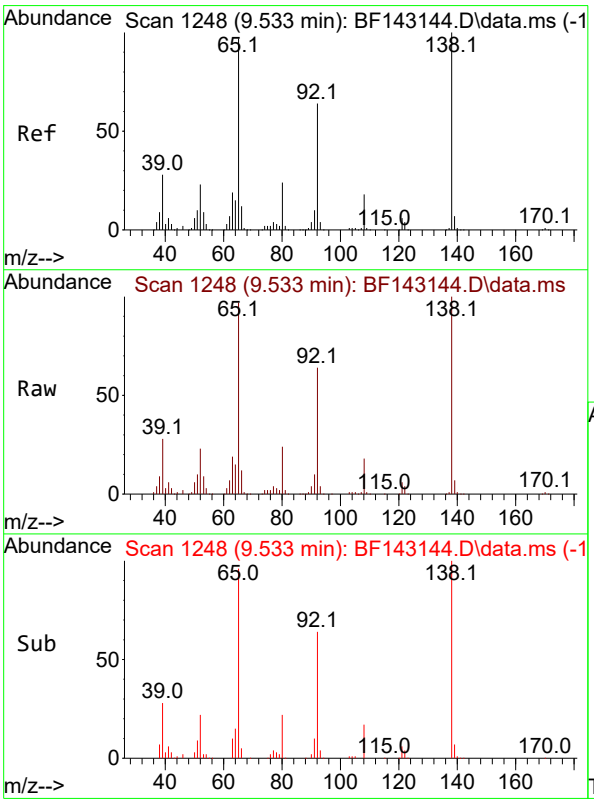
Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	32.7	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

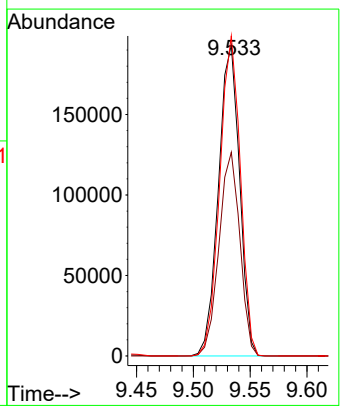
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

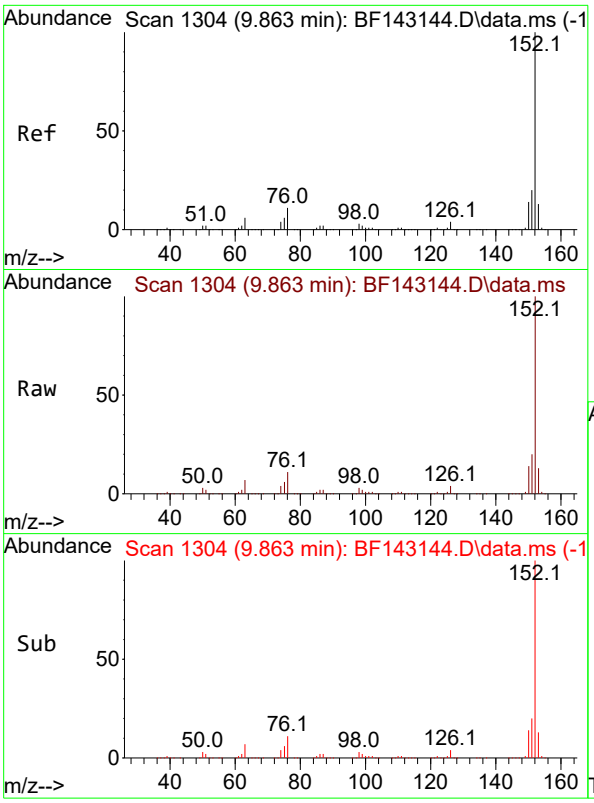


#48
2-Nitroaniline
Concen: 41.594 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 65 Resp: 249908

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.4	78.6
138	102.9	82.3	123.5

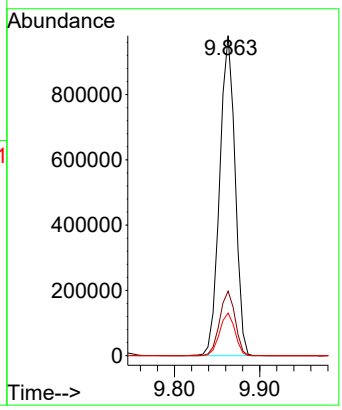




#49
Acenaphthylene
Concen: 38.458 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:152 Resp: 123478

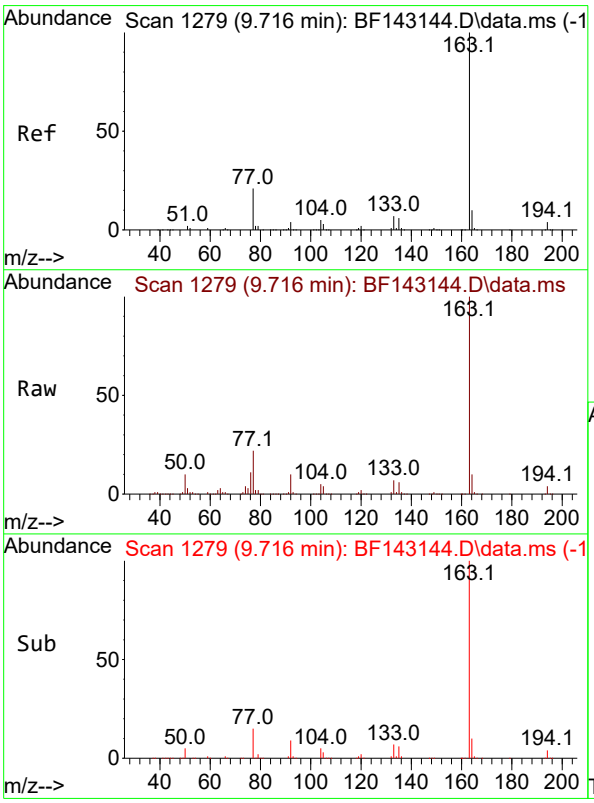
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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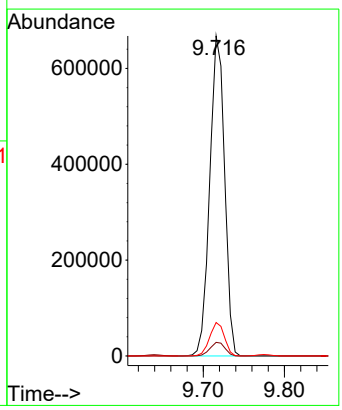
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

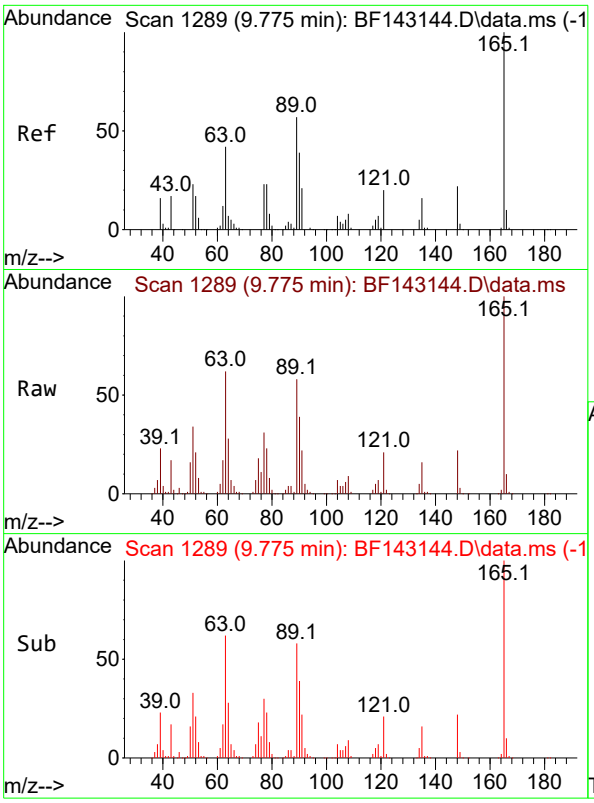


#50
Dimethylphthalate
Concen: 39.238 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:163 Resp: 848828

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

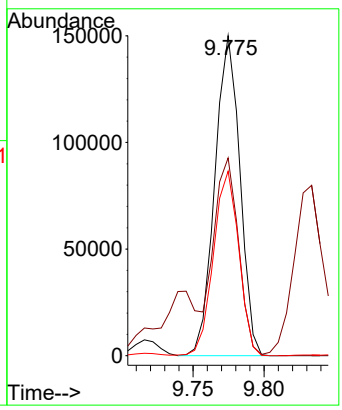
Tgt Ion:165 Resp: 18424

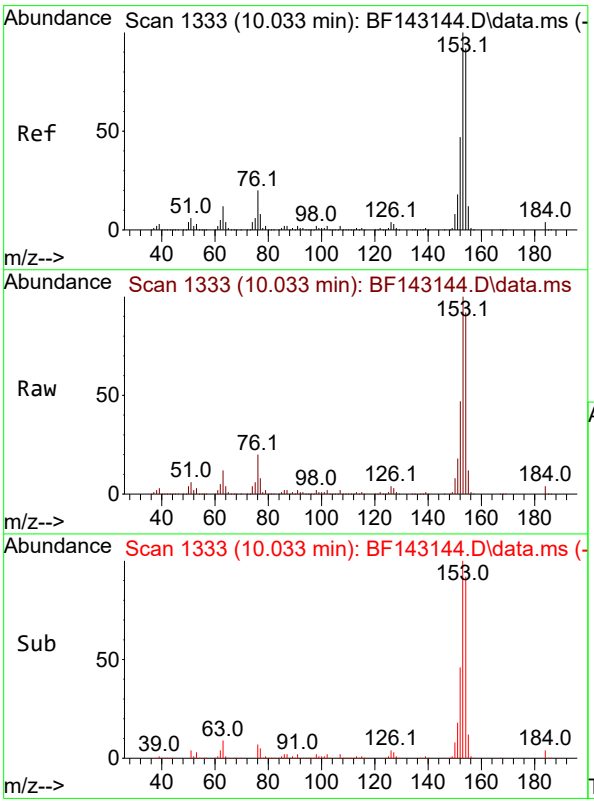
Ion	Ratio	Lower	Upper
165	100		
63	61.8	49.4	74.2
89	57.7	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

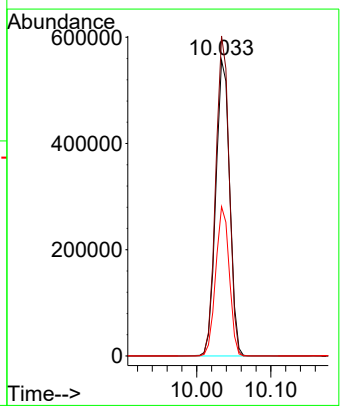


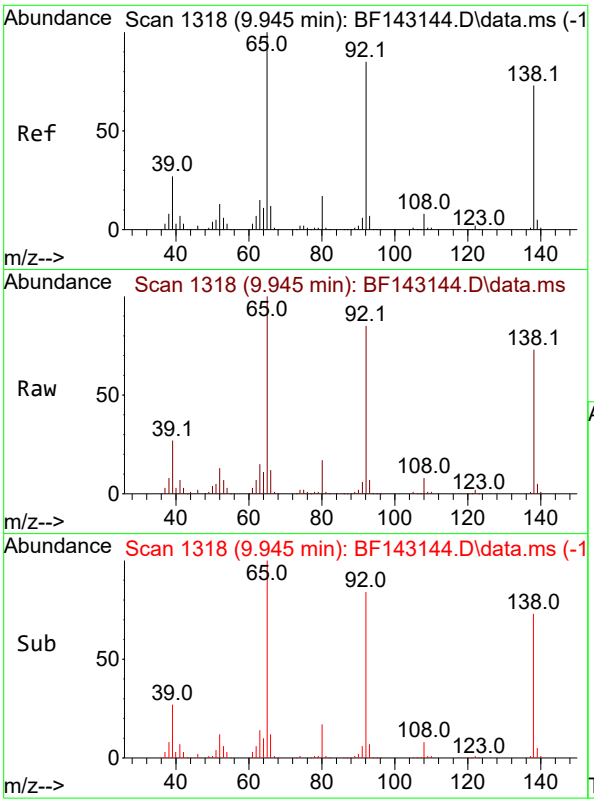


#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 727386

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	50.5	40.4	60.6





#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

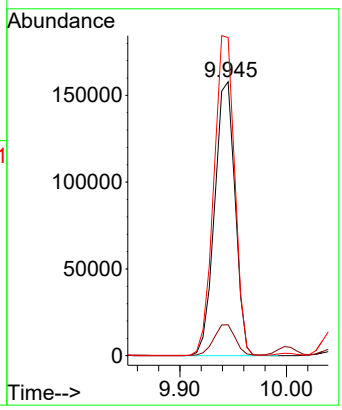
Tgt Ion:138 Resp: 21017

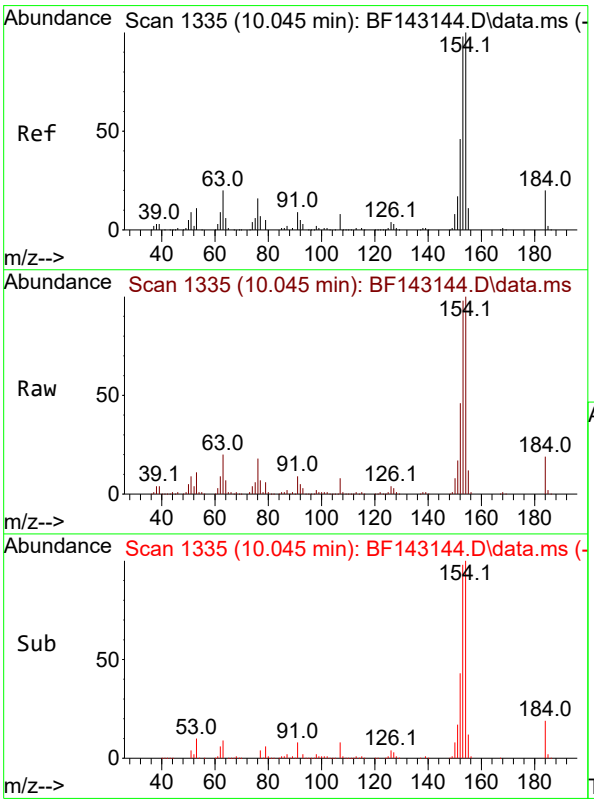
Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.6
92	116.2	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

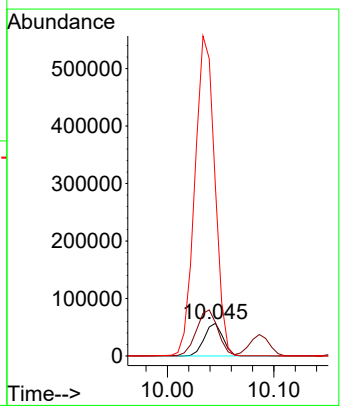


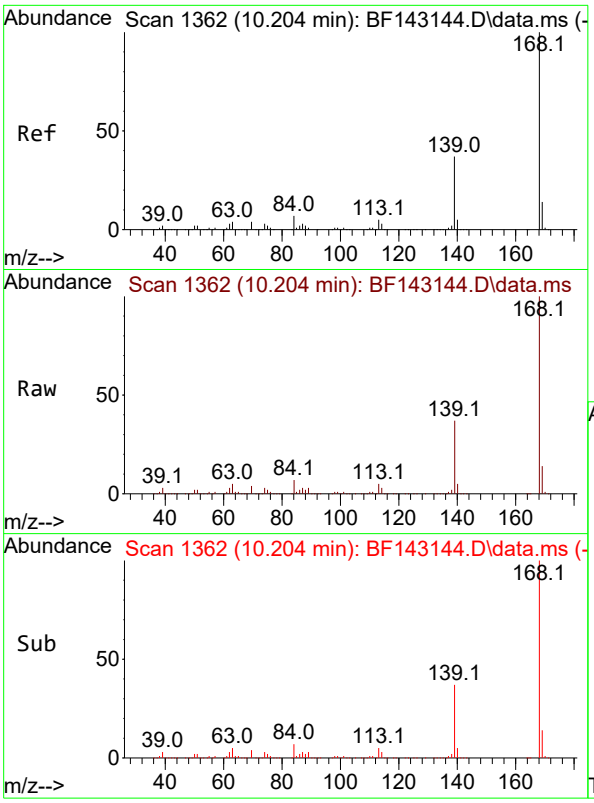


#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 69157

Ion	Ratio	Lower	Upper
184	100		
63	102.2	81.8	122.6
154	515.3	412.2	618.4

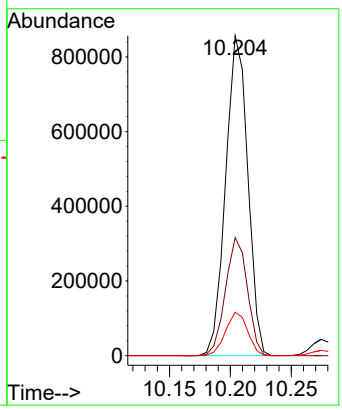




#55
Dibenzofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:168 Resp: 108367

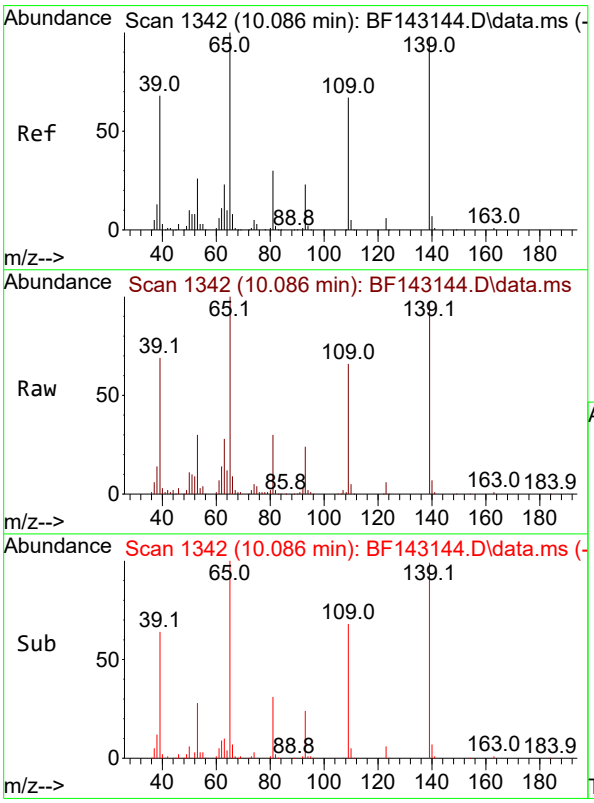
Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.6	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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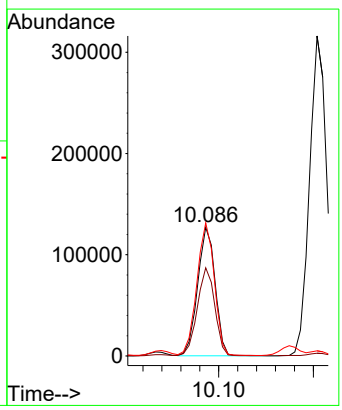
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

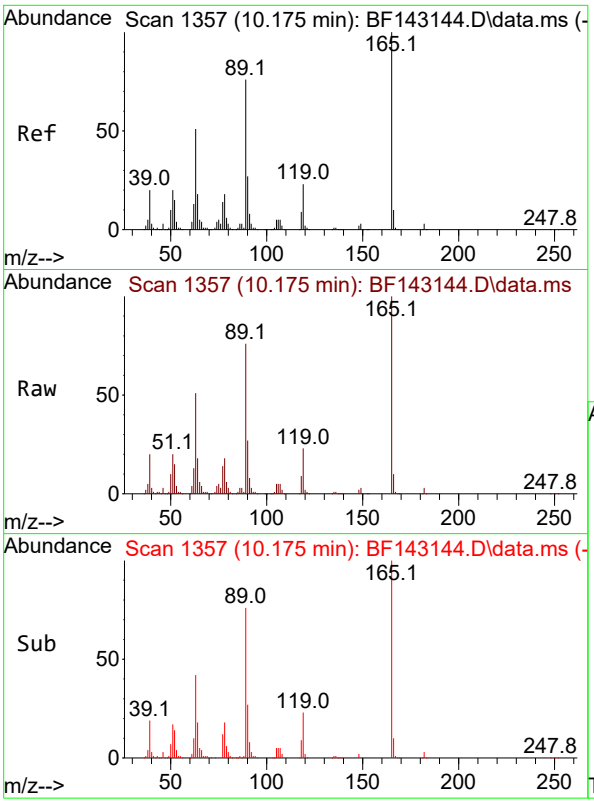


#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 163009

Ion	Ratio	Lower	Upper
139	100		
109	68.5	48.5	88.5
65	103.4	83.4	123.4

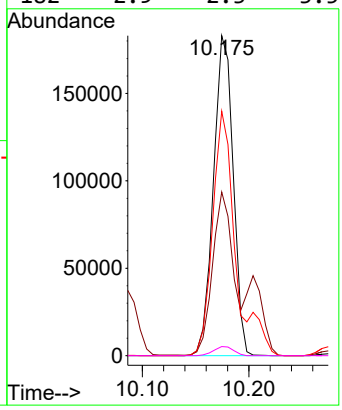




#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:165 Resp: 23510

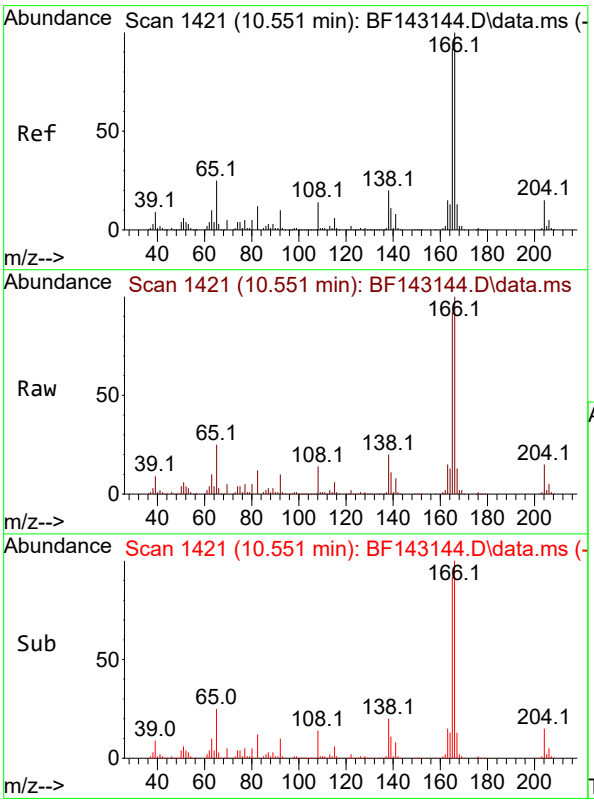
Ion	Ratio	Lower	Upper
165	100		
63	51.2	41.0	61.4
89	76.4	61.1	91.7
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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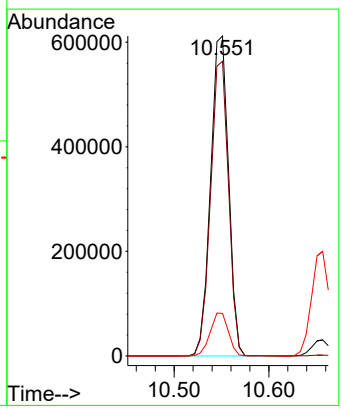
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

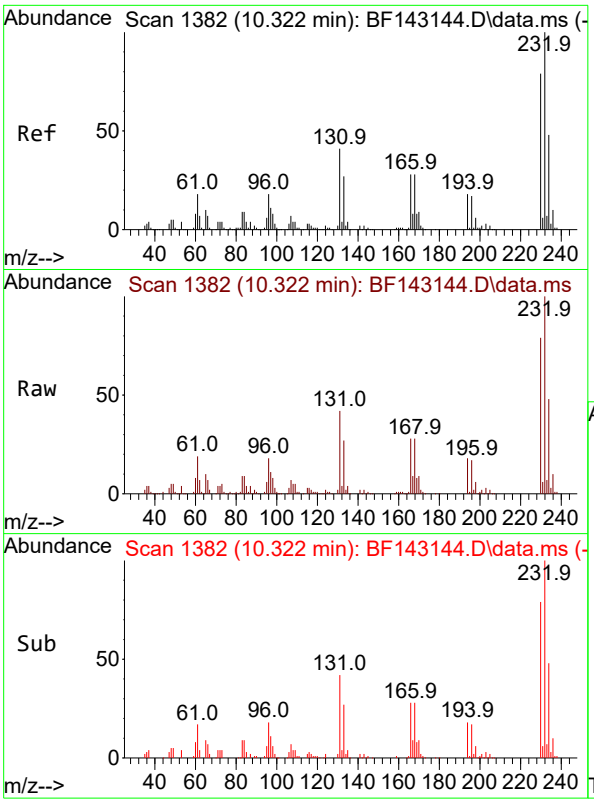


#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:166 Resp: 804336

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.3	10.6	16.0

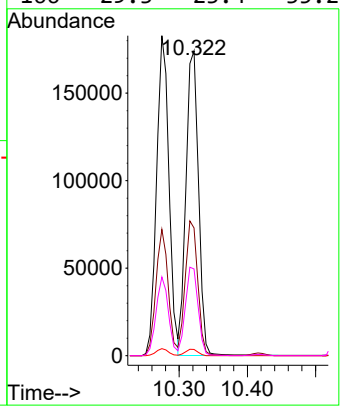




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:232 Resp: 22087

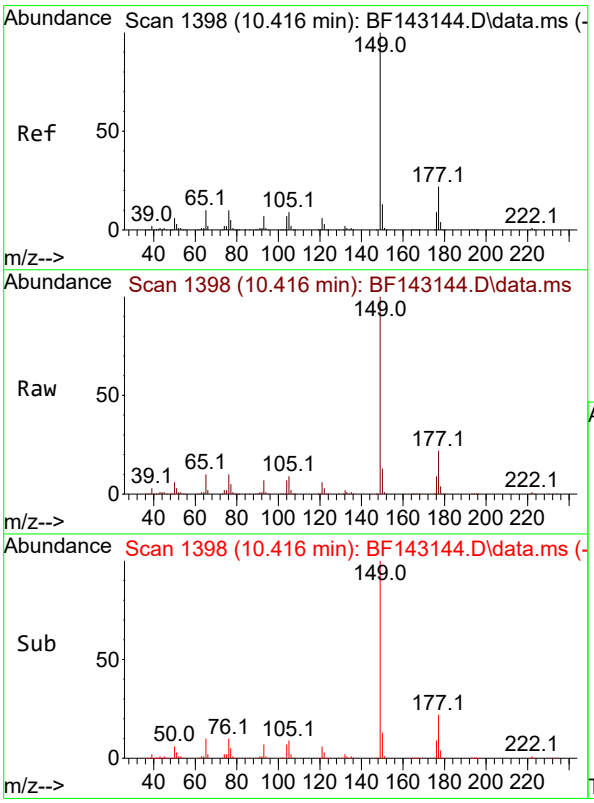
Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.3	52.9
130	2.1	1.7	2.5
166	29.3	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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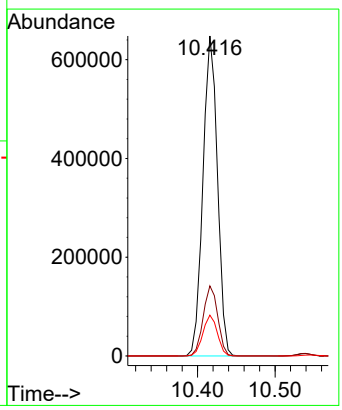
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

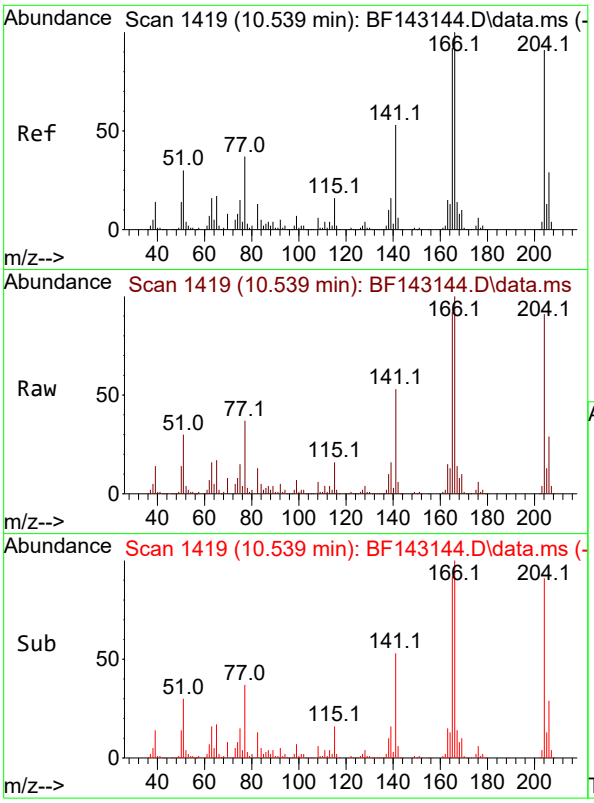


#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 842184

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.7	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

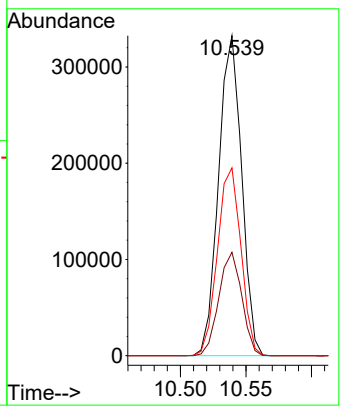
Tgt Ion:204 Resp: 40647

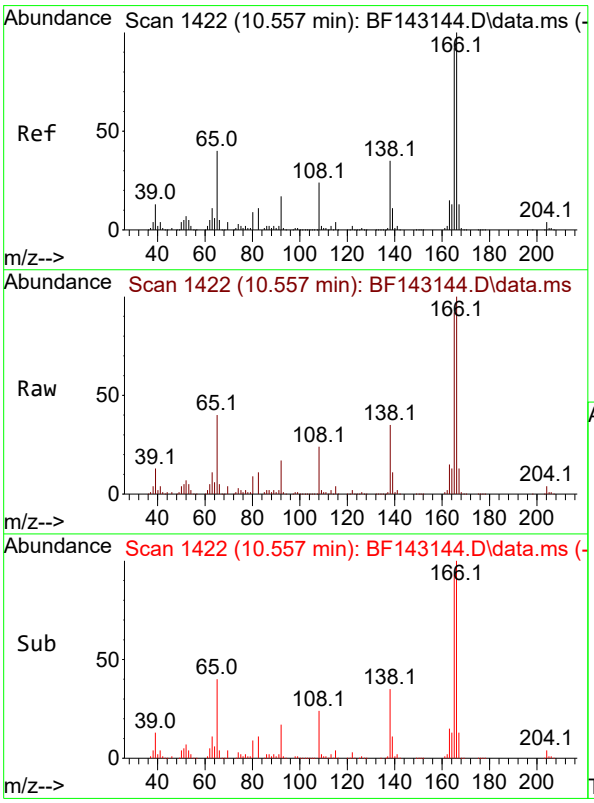
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	58.7	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

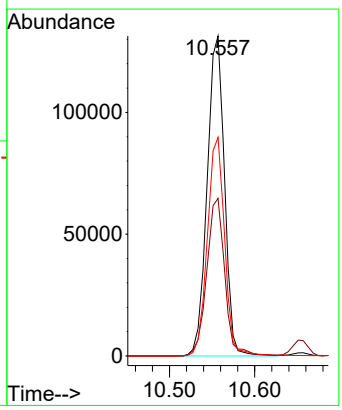


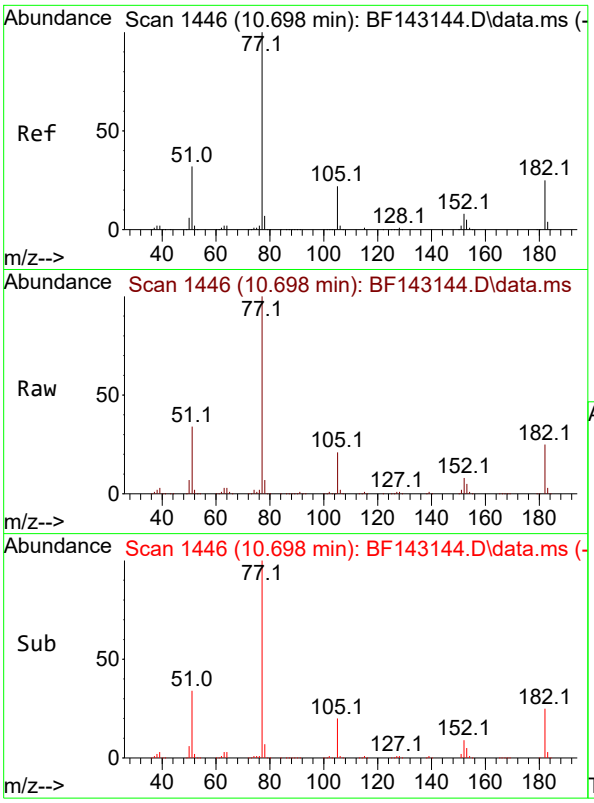


#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 185530

Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	68.3	48.3	88.3





#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

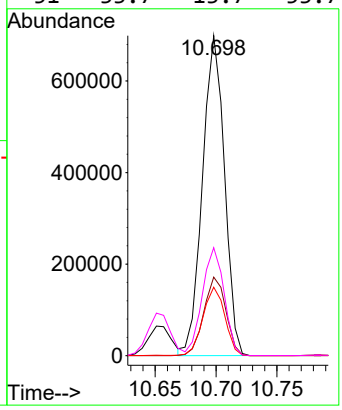
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

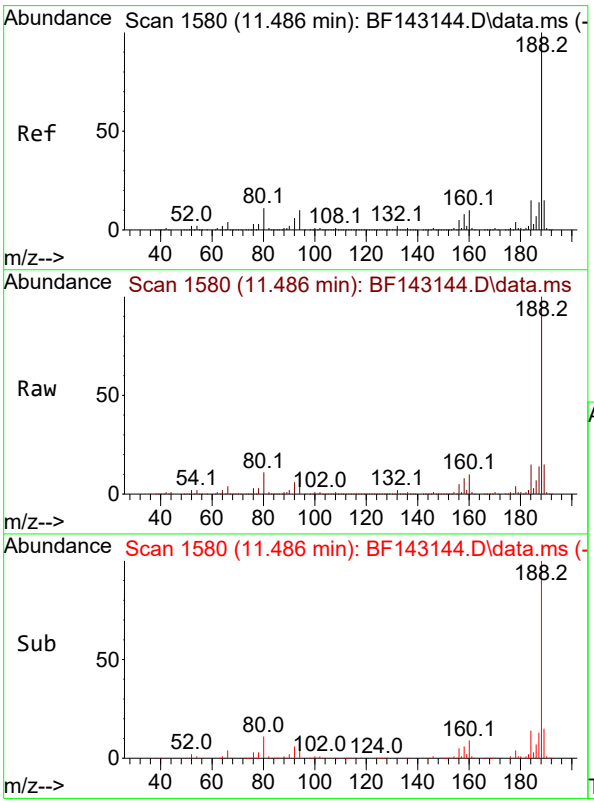
Tgt Ion: 77 Resp: 87638

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.4	1.4	41.4
51	33.7	13.7	53.7

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

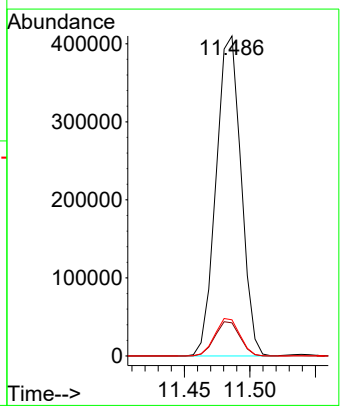


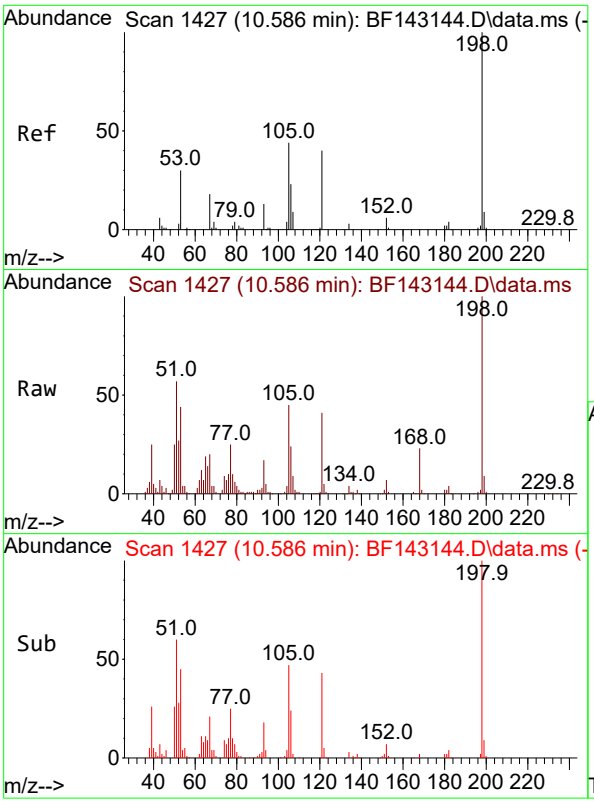


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:188 Resp: 542726

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.3	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

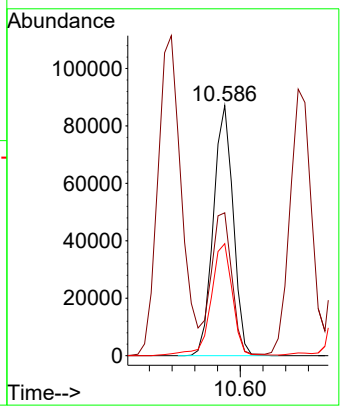
Tgt Ion:198 Resp: 10553

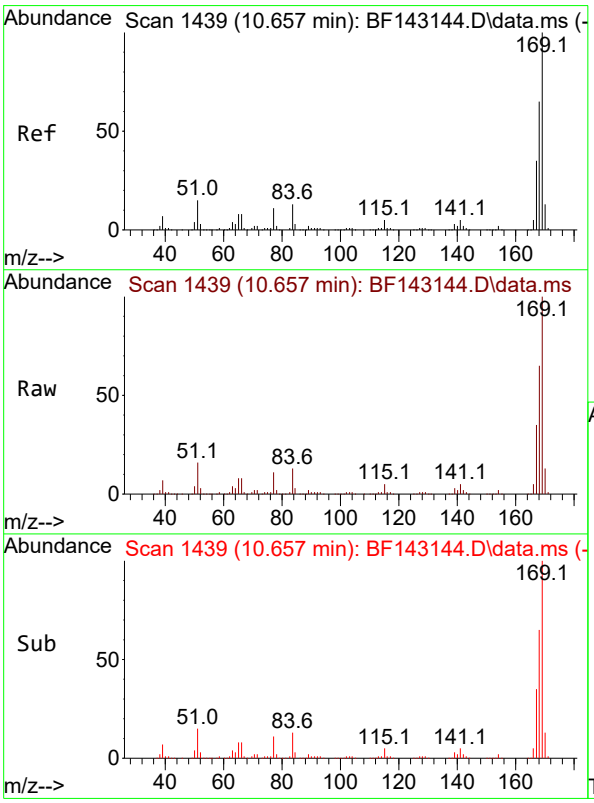
Ion	Ratio	Lower	Upper
198	100		
51	57.2	37.2	77.2
105	44.8	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

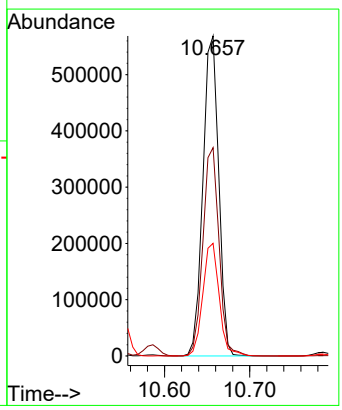


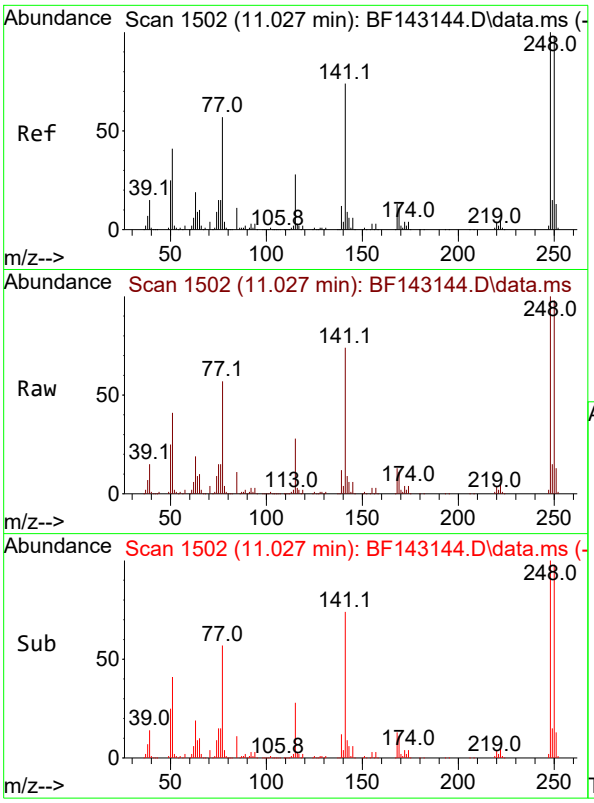


#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:169 Resp: 731532

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.2	28.2	42.2

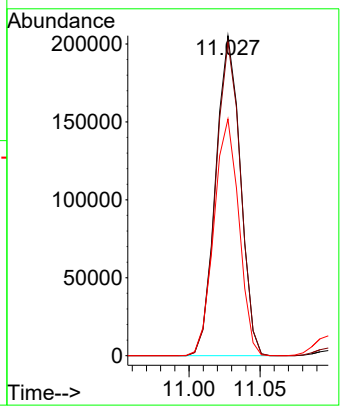




#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:248 Resp: 24776

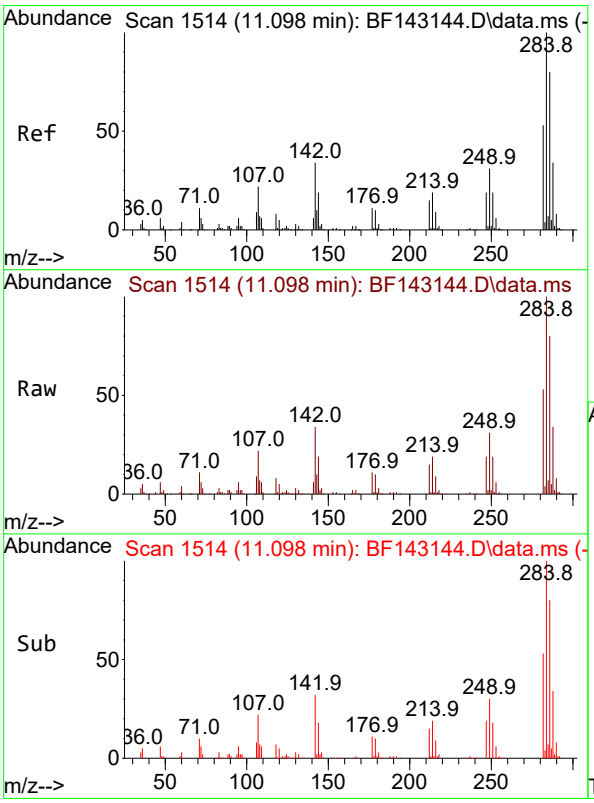
Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	74.0	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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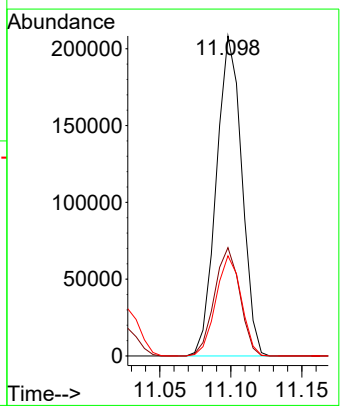
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

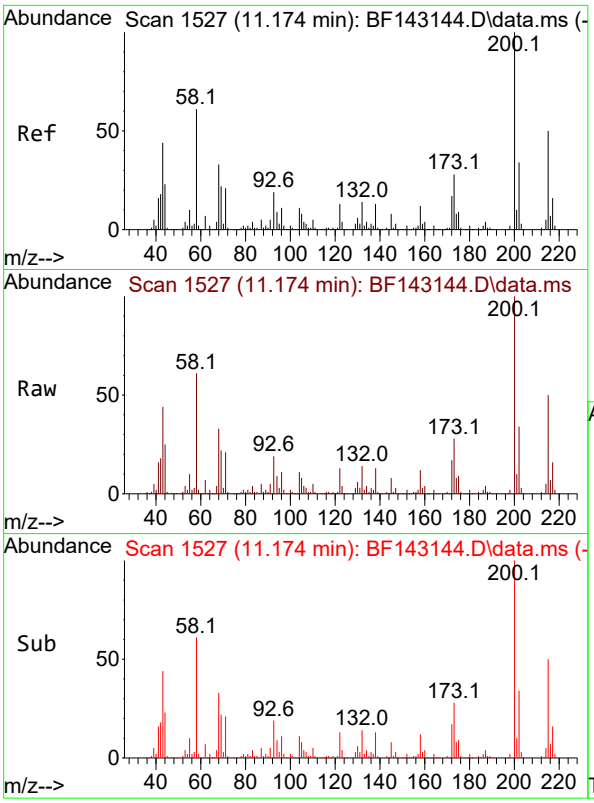


#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:284 Resp: 259758

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	31.3	25.0	37.6

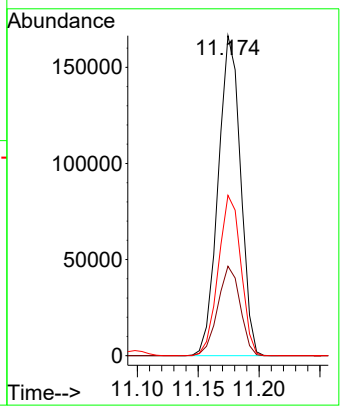




#69
Atrazine
Concen: 40.421 ng
RT: 11.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:200 Resp: 21297

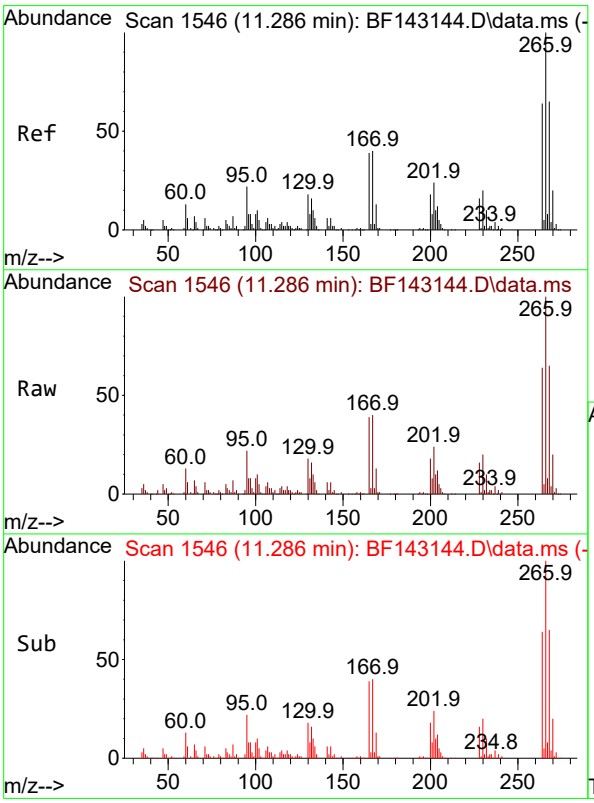
Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.1	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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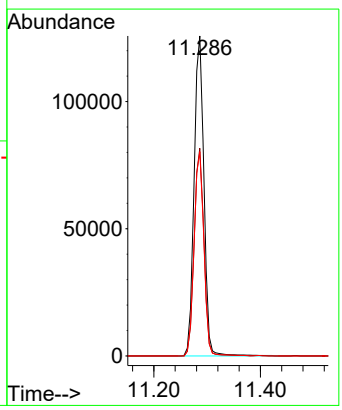
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

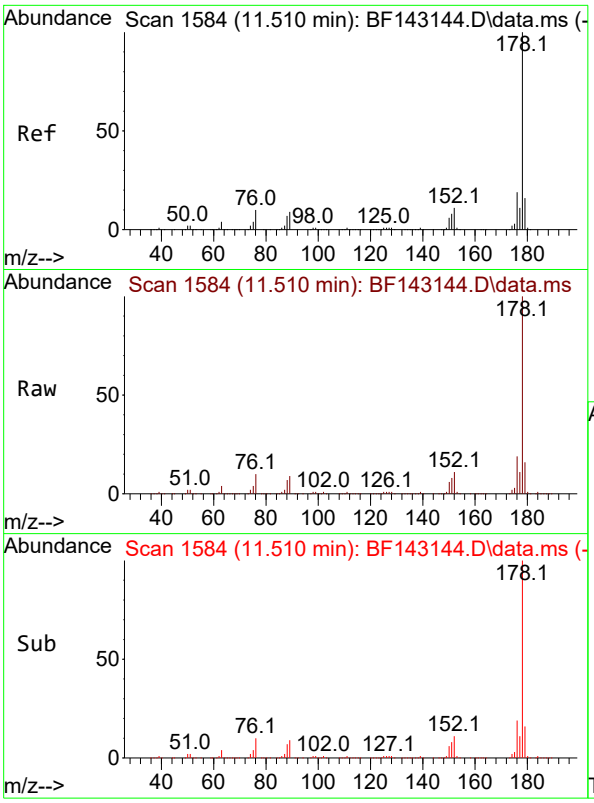


#70
Pentachlorophenol
Concen: 40.500 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:266 Resp: 161013

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	63.8	51.0	76.6

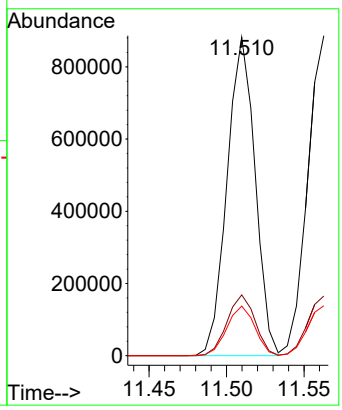




#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 110741

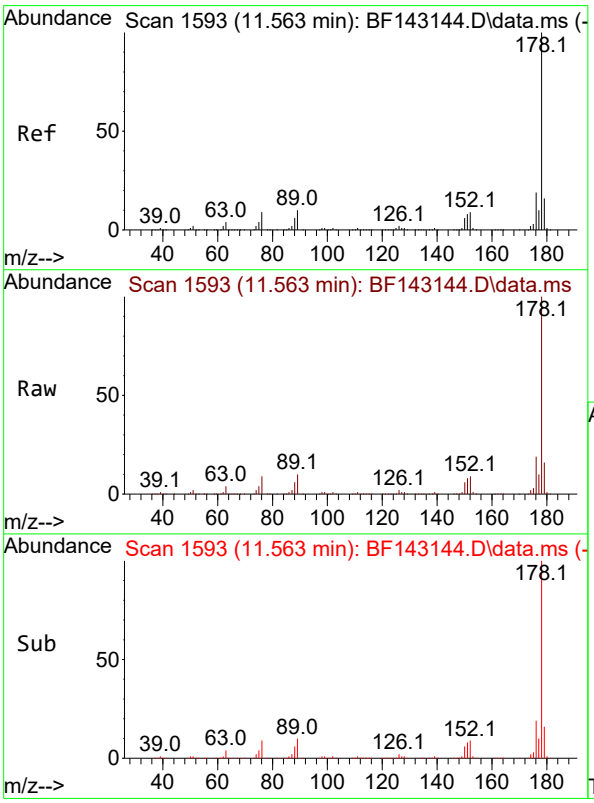
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

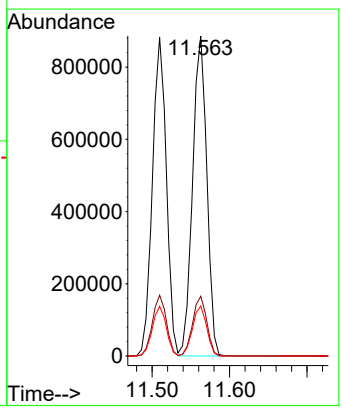
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

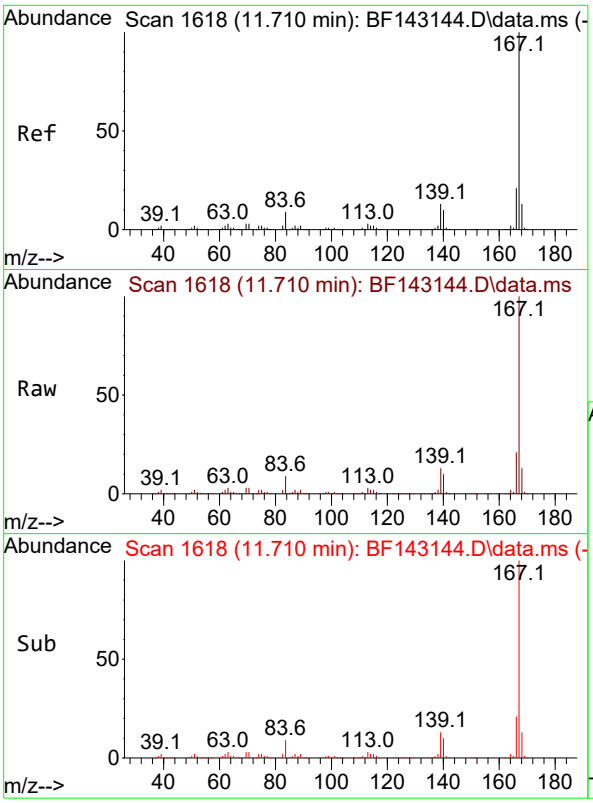


#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 1126710

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7

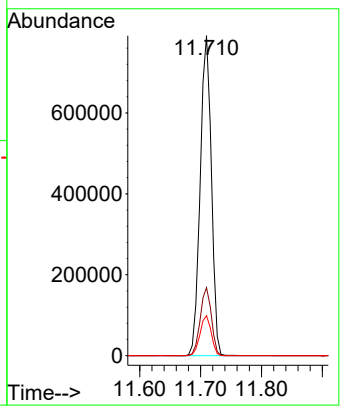




#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:167 Resp: 100866

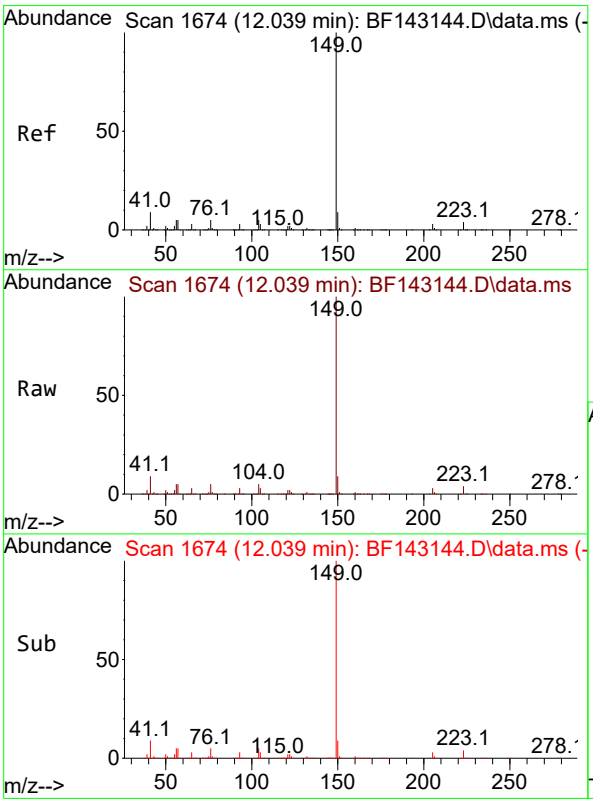
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.5	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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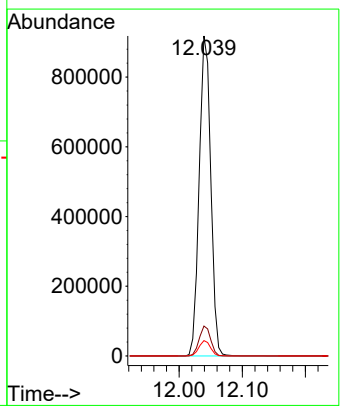
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

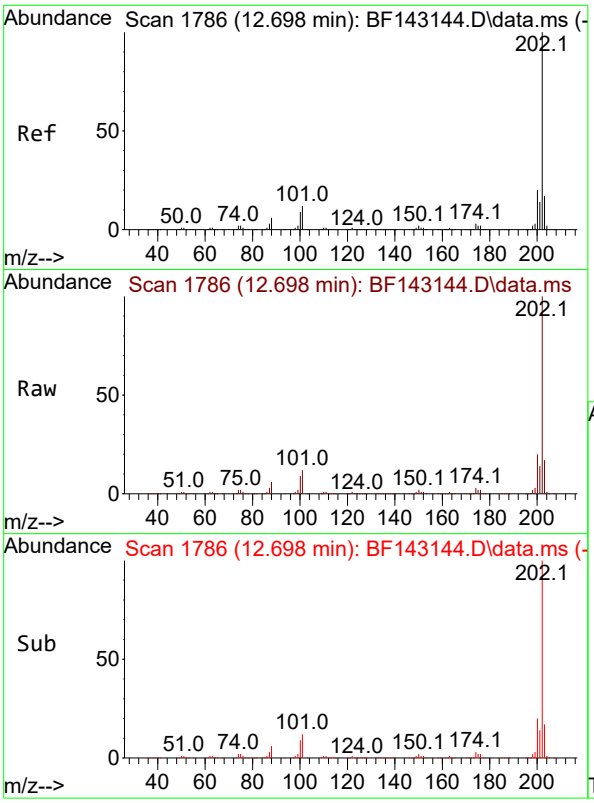


#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 1165443

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.8	5.8

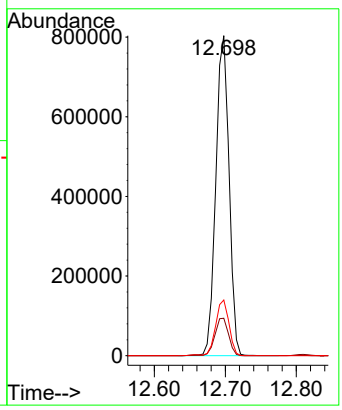




#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 103450

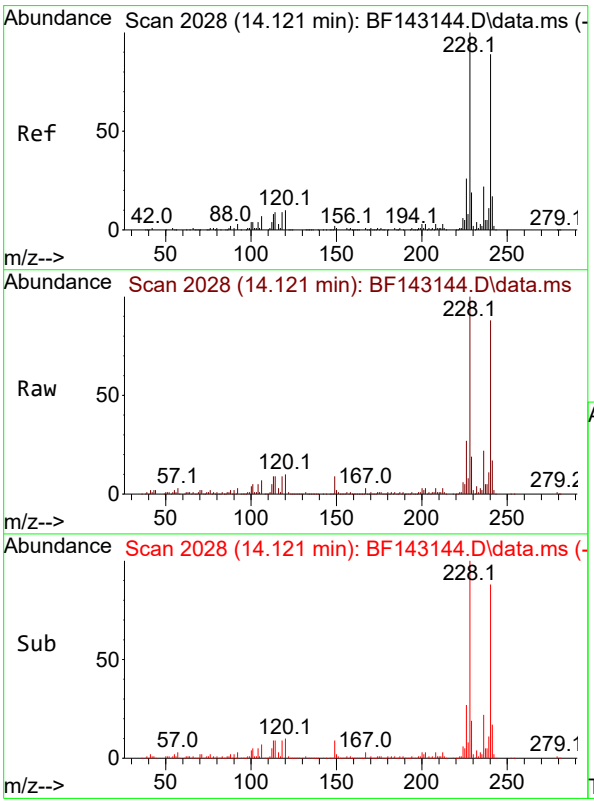
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.4	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

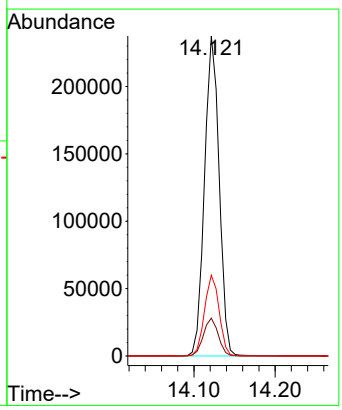
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

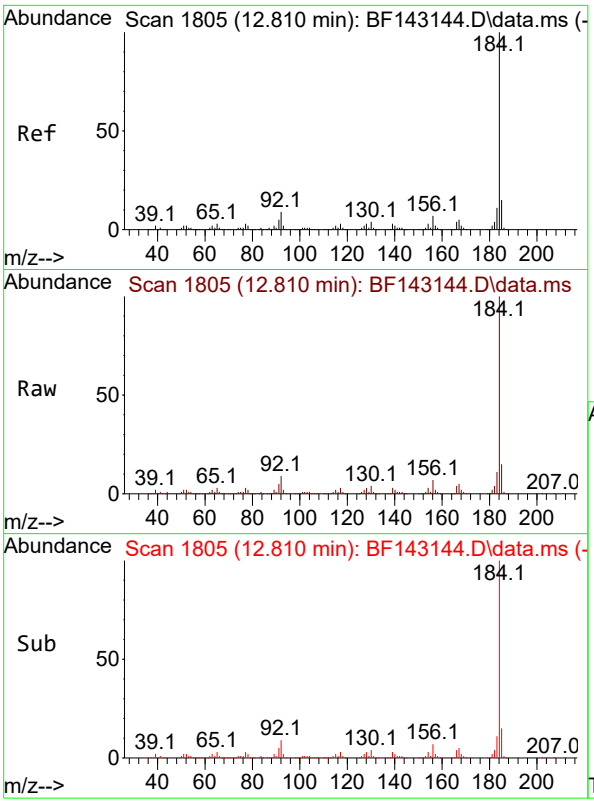


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:240 Resp: 296414

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	25.3	20.2	30.4





#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

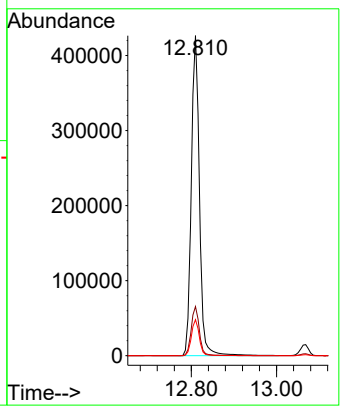
Tgt Ion:184 Resp: 56473

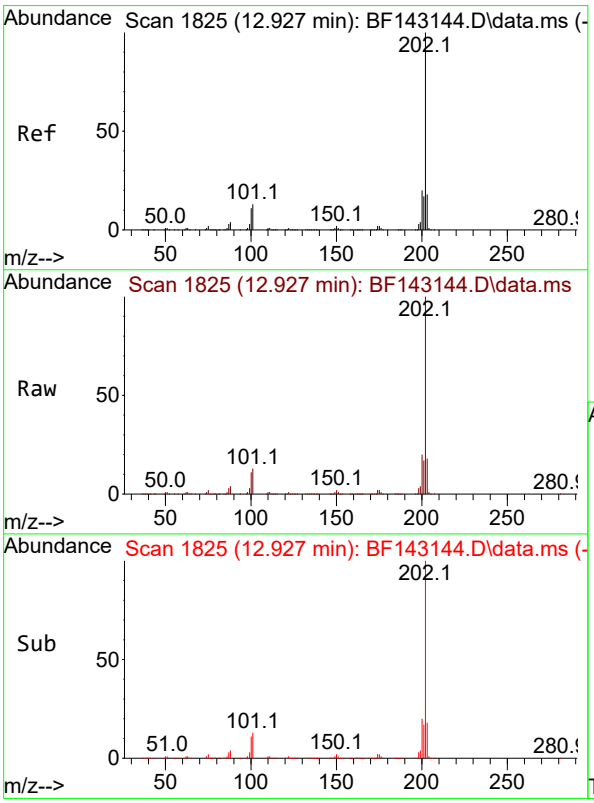
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

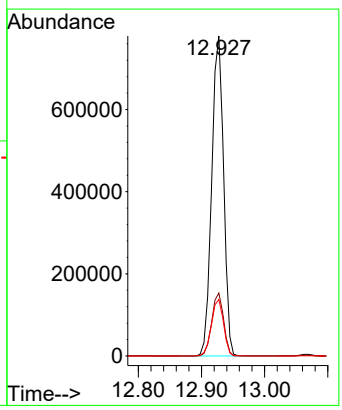


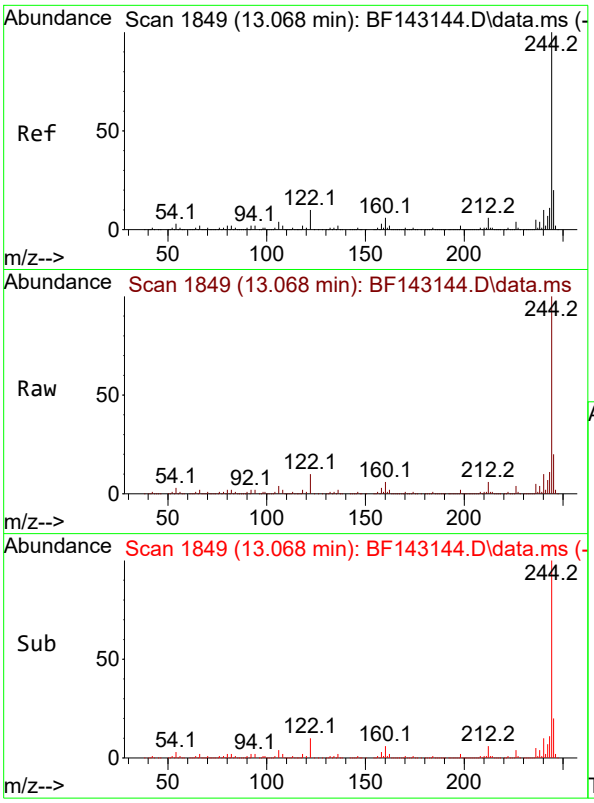


#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.7	14.2	21.2

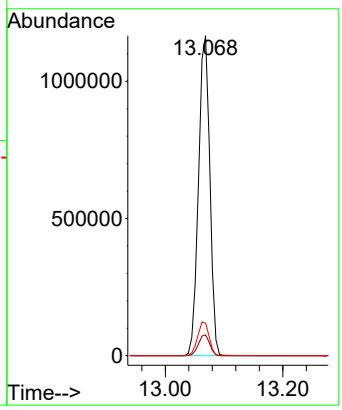




#79
Terphenyl-d14
Concen: 78.063 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:244 Resp: 155492

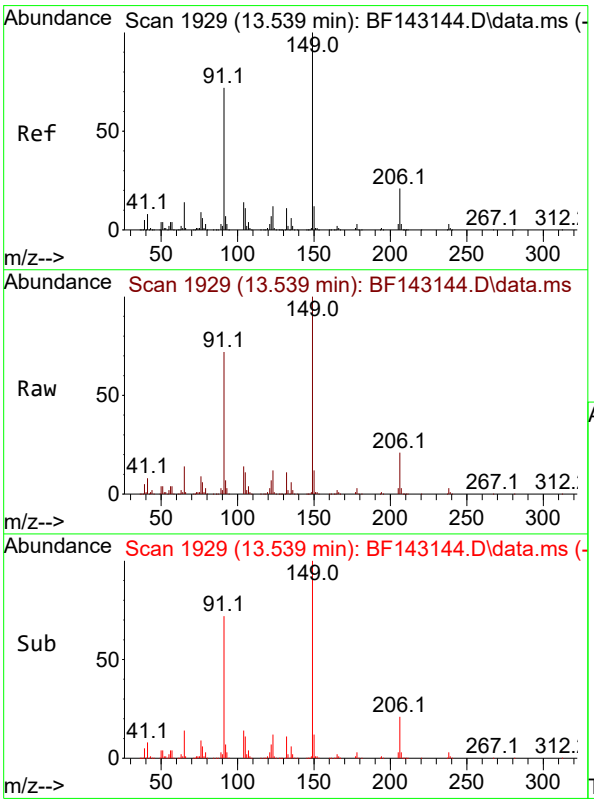
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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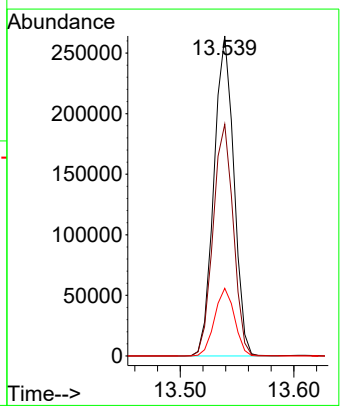
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

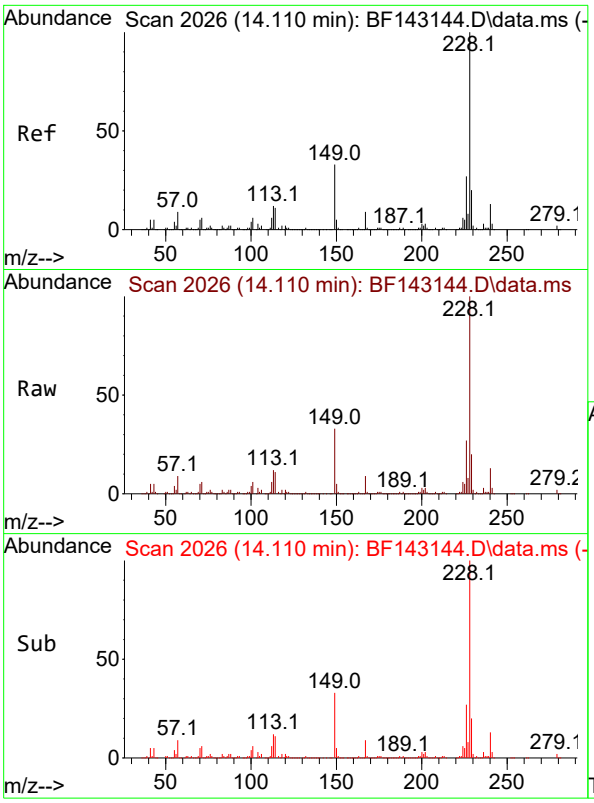


#80
Butylbenzylphthalate
Concen: 41.603 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 322273

Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.9	86.9
206	21.2	17.0	25.4





#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

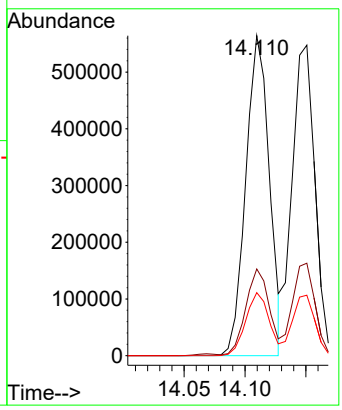
Tgt Ion:228 Resp: 75972

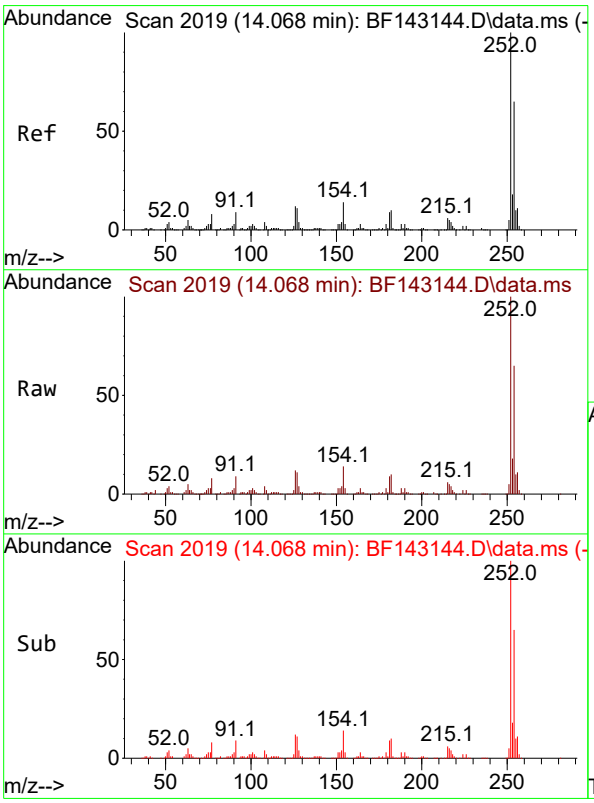
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.7	15.8	23.6

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

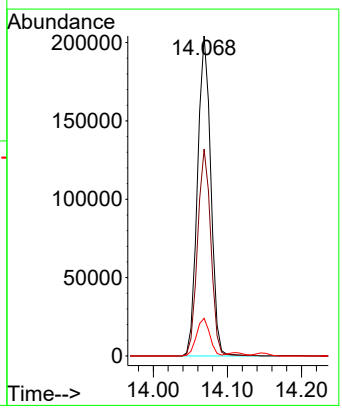


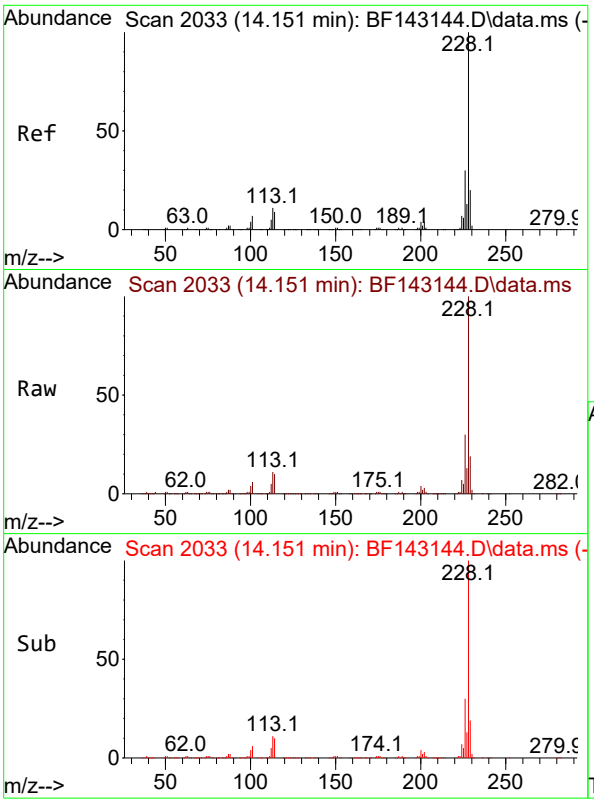


#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 254099

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.7	9.4	14.0





#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

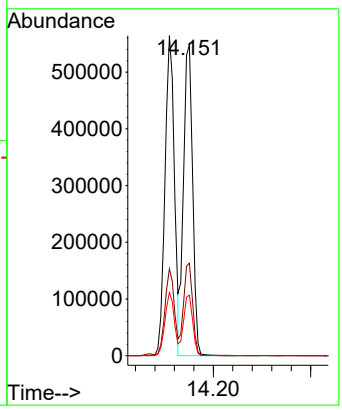
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

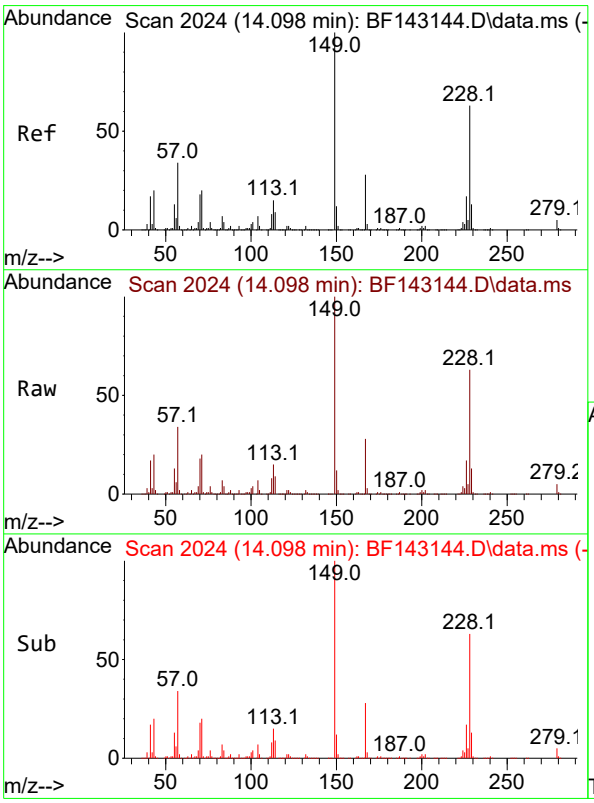
Tgt Ion:228 Resp: 71522

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.6	23.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

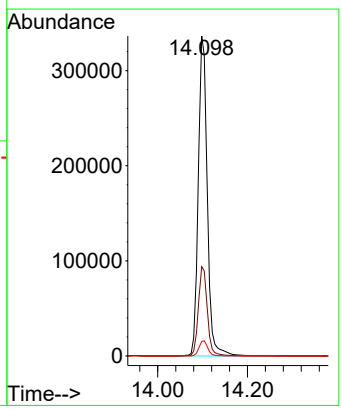


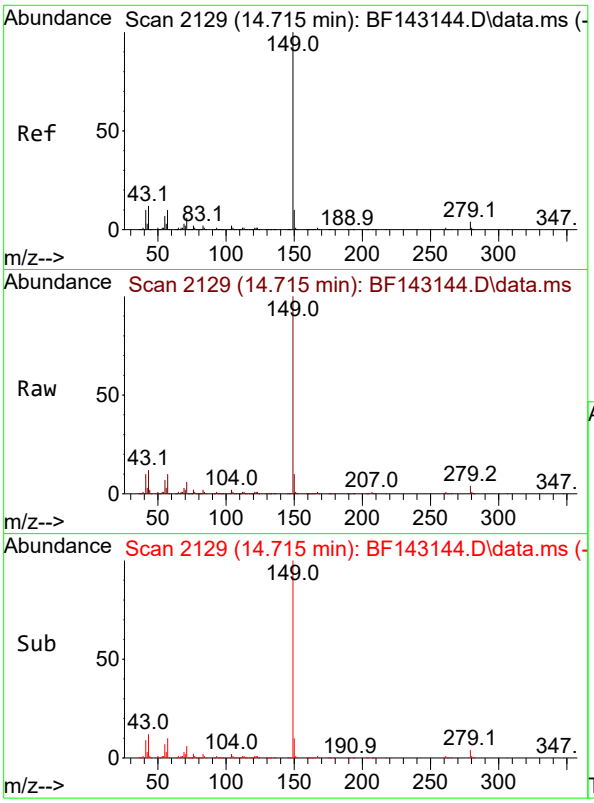


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 467892

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.5	3.6	5.4

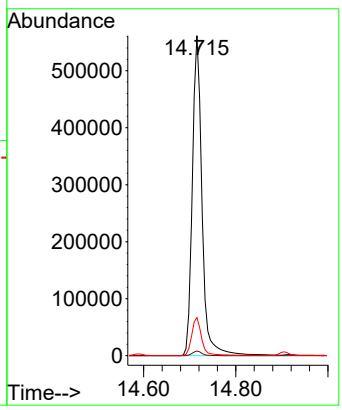




#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 82026

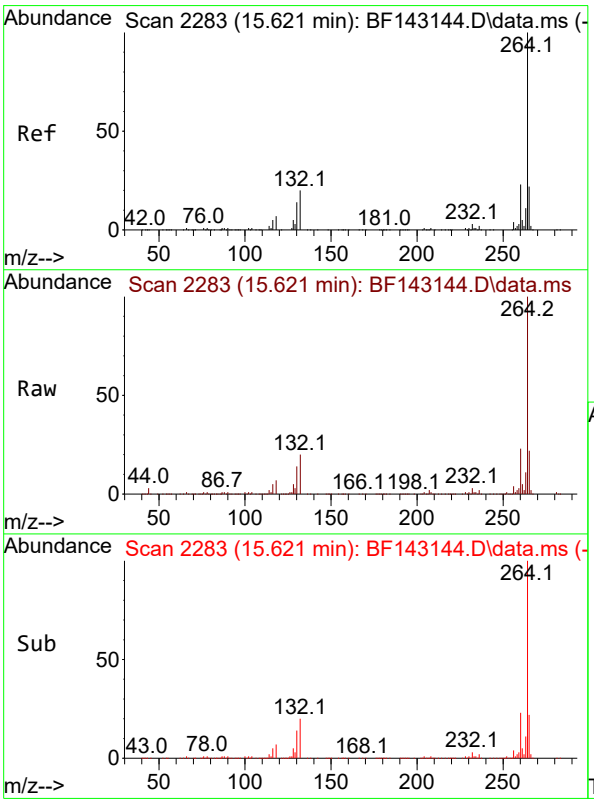
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	12.1	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

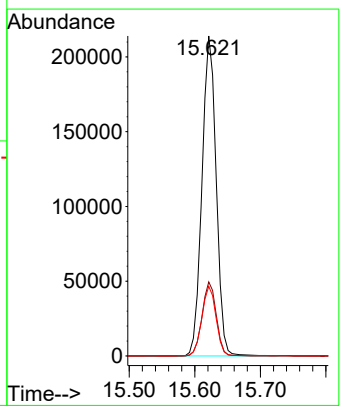
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

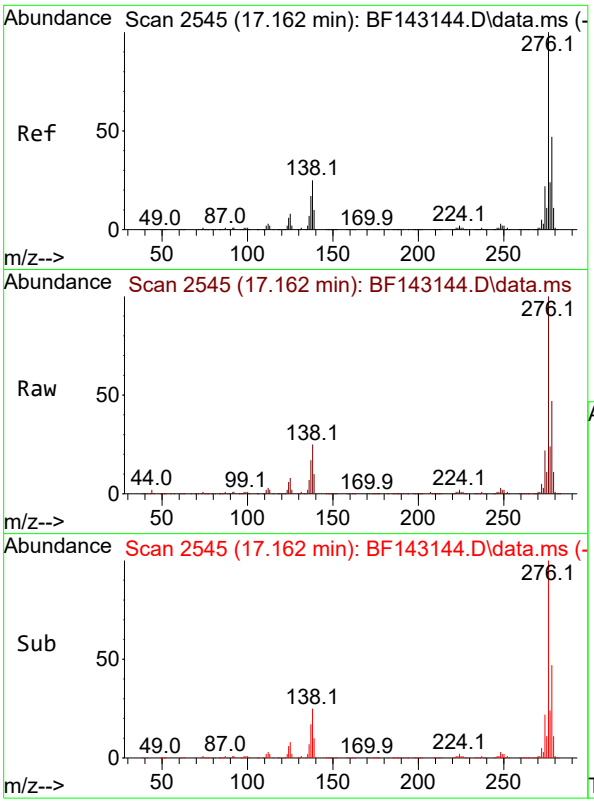


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:264 Resp: 323574

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.8	17.4	26.2

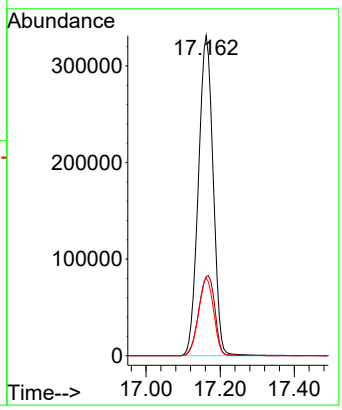




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 91462

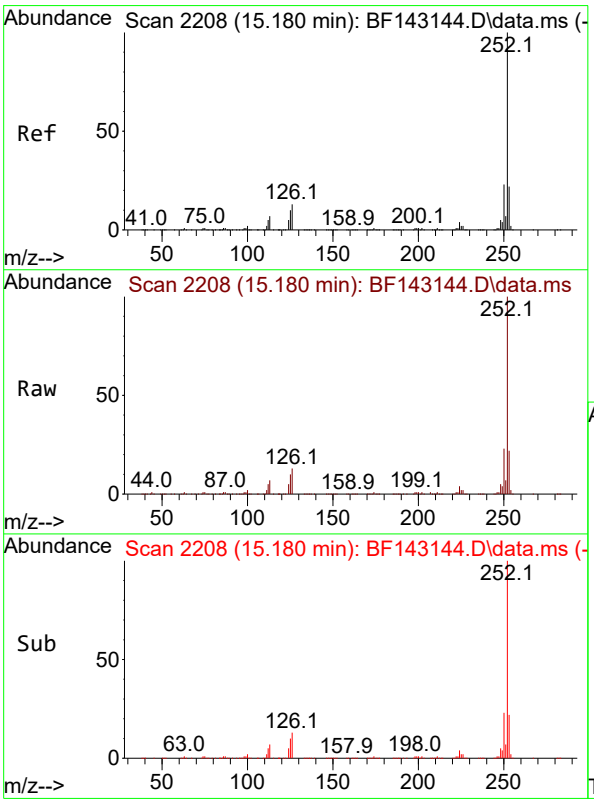
Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.0	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

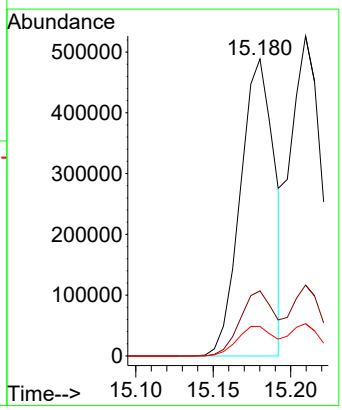
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

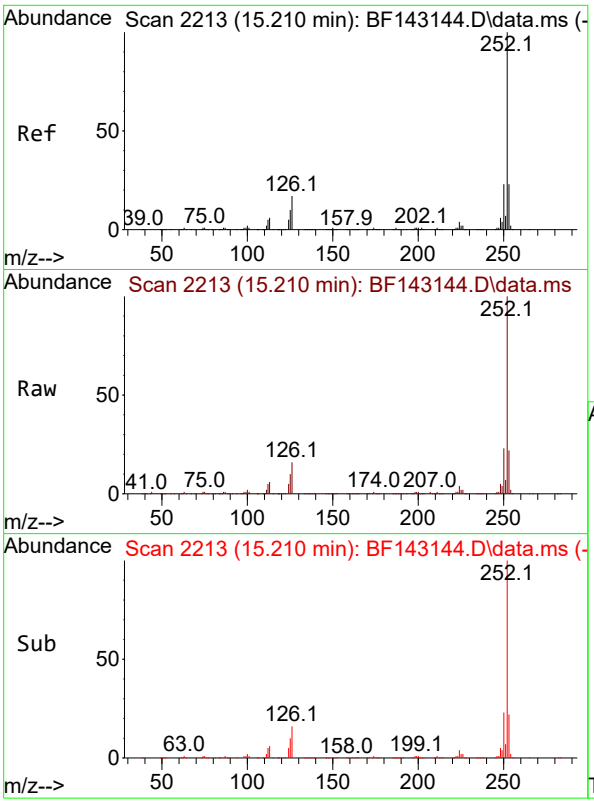


#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.0	8.0	12.0

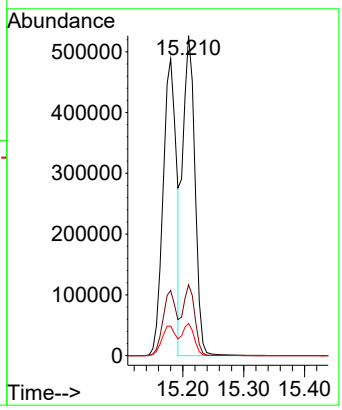




#89
Benzo(k)fluoranthene
Concen: 41.591 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 73363

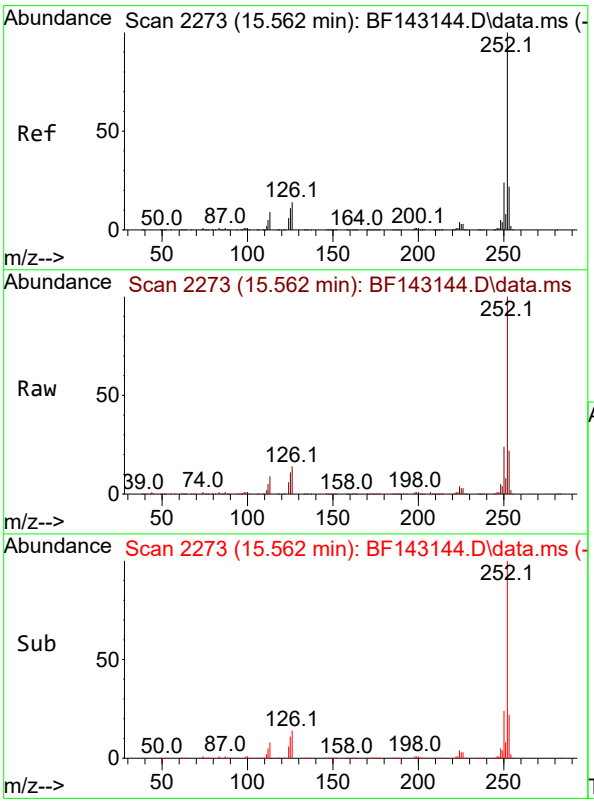
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

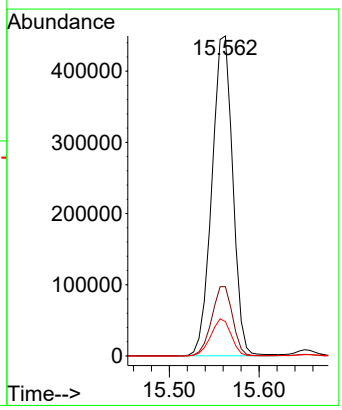
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

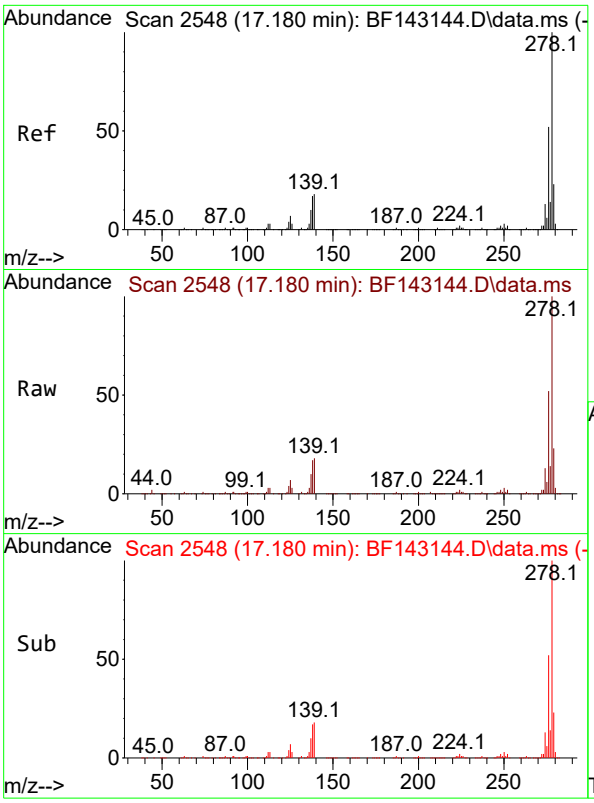


#90
Benzo(a)pyrene
Concen: 39.826 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 725344

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.8	8.6	13.0





#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

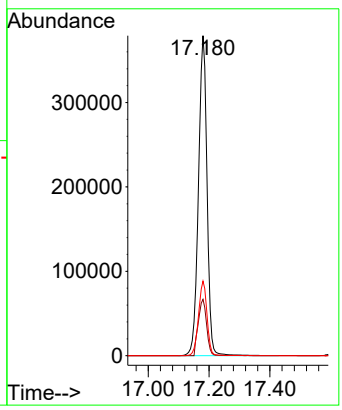
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

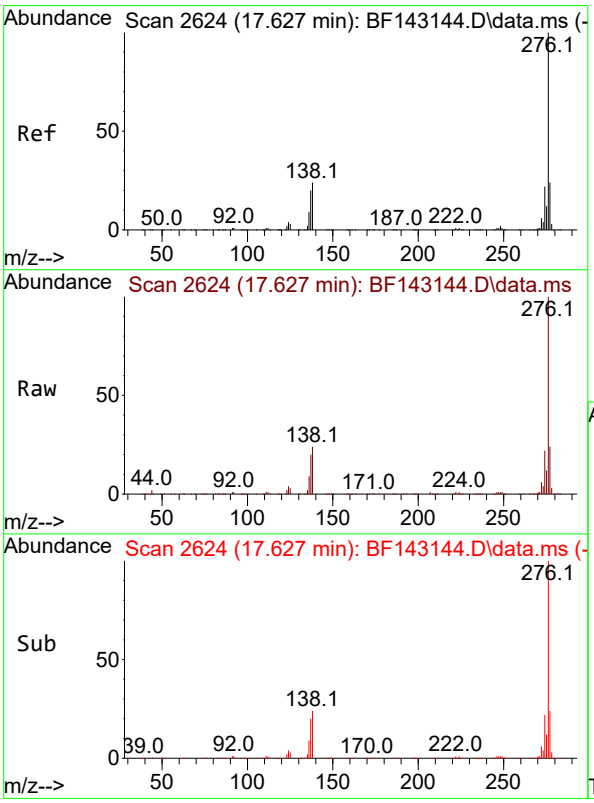
Tgt Ion:278 Resp: 74218

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.1	21.1
279	23.3	18.6	28.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

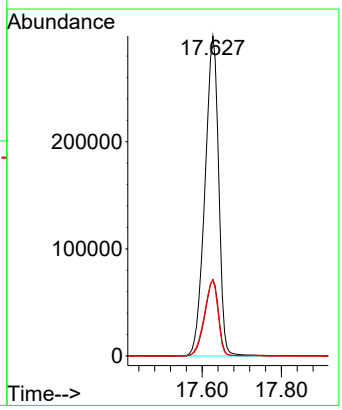




#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 717648

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.6	18.9	28.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	144385	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	555536	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	283657	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	447089	20.000	ng		0.00
76) Chrysene-d12	14.121	240	247878	20.000	ng		0.00
86) Perylene-d12	15.621	264	282289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	927268	101.629	ng		0.00
7) Phenol-d6	6.587	99	1178468	102.615	ng		0.00
23) Nitrobenzene-d5	7.528	82	1158494	103.949	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	309465	105.607	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2005894	96.712	ng		0.00
79) Terphenyl-d14	13.068	244	1663033	99.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	225749	52.289	ng		100
3) Pyridine	3.587	79	584060	52.122	ng		99
4) n-Nitrosodimethylamine	3.534	42	307202	53.098	ng		100
6) Aniline	6.628	93	827275	51.687	ng		100
8) 2-Chlorophenol	6.751	128	493989	51.652	ng		98
9) Benzaldehyde	6.516	77	509476	59.162	ng		99
10) Phenol	6.598	94	645540m	51.598	ng		
11) bis(2-Chloroethyl)ether	6.698	93	491371	51.295	ng		99
12) 1,3-Dichlorobenzene	6.910	146	529202	50.937	ng		99
13) 1,4-Dichlorobenzene	6.981	146	531696	50.818	ng		99
14) 1,2-Dichlorobenzene	7.134	146	510140	51.264	ng		100
15) Benzyl Alcohol	7.098	79	461379	52.616	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	908530	51.128	ng		99
17) 2-Methylphenol	7.204	107	418793	52.079	ng		100
18) Hexachloroethane	7.481	117	189394	52.289	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	369367	50.131	ng		99
20) 3+4-Methylphenols	7.363	107	506069	51.870	ng	#	89
22) Acetophenone	7.369	105	661017	50.258	ng		98
24) Nitrobenzene	7.545	77	538666	51.843	ng		100
25) Isophorone	7.786	82	1018783	51.783	ng		99
26) 2-Nitrophenol	7.857	139	252169	55.920	ng		98
27) 2,4-Dimethylphenol	7.892	122	469819	51.112	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	597241	50.631	ng		100
29) 2,4-Dichlorophenol	8.098	162	401336	51.773	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	420763	50.242	ng		99
31) Naphthalene	8.269	128	1369627	50.060	ng		100
32) Benzoic acid	7.998	122	273361m	52.352	ng		
33) 4-Chloroaniline	8.310	127	566422	50.703	ng		99
34) Hexachlorobutadiene	8.392	225	260787	50.976	ng		99
35) Caprolactam	8.680	113	126050	53.811	ng		96
36) 4-Chloro-3-methylphenol	8.786	107	431745	51.242	ng		98
37) 2-Methylnaphthalene	8.957	142	837820	50.324	ng		100
38) 1-Methylnaphthalene	9.057	142	862300	50.298	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	412916	50.420	ng		100
41) Hexachlorocyclopentadiene	9.116	237	286805	53.823	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	304466	53.718	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	100
50) Dimethylphthalate	9.716	163	939863	50.832	ng	100
51) 2,6-Dinitrotoluene	9.775	165	205147	54.541	ng	98
52) Acenaphthene	10.033	154	818783	50.481	ng	100
53) 3-Nitroaniline	9.945	138	236959	53.861	ng	99
54) 2,4-Dinitrophenol	10.045	184	81983	50.750	ng	98
55) Dibenzofuran	10.204	168	1204088	50.001	ng	99
56) 4-Nitrophenol	10.086	139	177408	54.001	ng	98
57) 2,4-Dinitrotoluene	10.180	165	264045	55.954	ng	95
58) Fluorene	10.551	166	891646	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	248745	52.965	ng	100
60) Diethylphthalate	10.416	149	942625	51.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	449168	49.911	ng	99
62) 4-Nitroaniline	10.557	138	205210	54.424	ng	99
63) Azobenzene	10.698	77	966931	50.766	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	122876	51.927	ng	100
66) n-Nitrosodiphenylamine	10.657	169	811422	51.540	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	275679	51.741	ng	98
68) Hexachlorobenzene	11.098	284	288405	51.788	ng	100
69) Atrazine	11.180	200	232907	53.662	ng	99
70) Pentachlorophenol	11.286	266	178753	54.581	ng	99
71) Phenanthrene	11.510	178	1194582	50.321	ng	100
72) Anthracene	11.563	178	1223920	50.552	ng	100
73) Carbazole	11.710	167	1076803	50.934	ng	100
74) Di-n-butylphthalate	12.045	149	1250841	52.290	ng	100
75) Fluoranthene	12.698	202	1093890	50.203	ng	100
77) Benzidine	12.810	184	431944	45.229	ng	100
78) Pyrene	12.927	202	1078520	50.982	ng	100
80) Butylbenzylphthalate	13.539	149	360698	55.681	ng	98
81) Benzo(a)anthracene	14.110	228	880975	53.085	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	294836	53.305	ng	99
83) Chrysene	14.151	228	754953	50.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	534128	54.475	ng	100
85) Di-n-octyl phthalate	14.715	149	960309	54.032	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	1061877	53.347	ng	99
88) Benzo(b)fluoranthene	15.180	252	953990	55.319	ng	100
89) Benzo(k)fluoranthene	15.209	252	754417	49.024	ng	99
90) Benzo(a)pyrene	15.562	252	840968	52.928	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	861467	53.172	ng	99
92) Benzo(g,h,i)perylene	17.633	276	843865	53.845	ng	100

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

ICAL Form

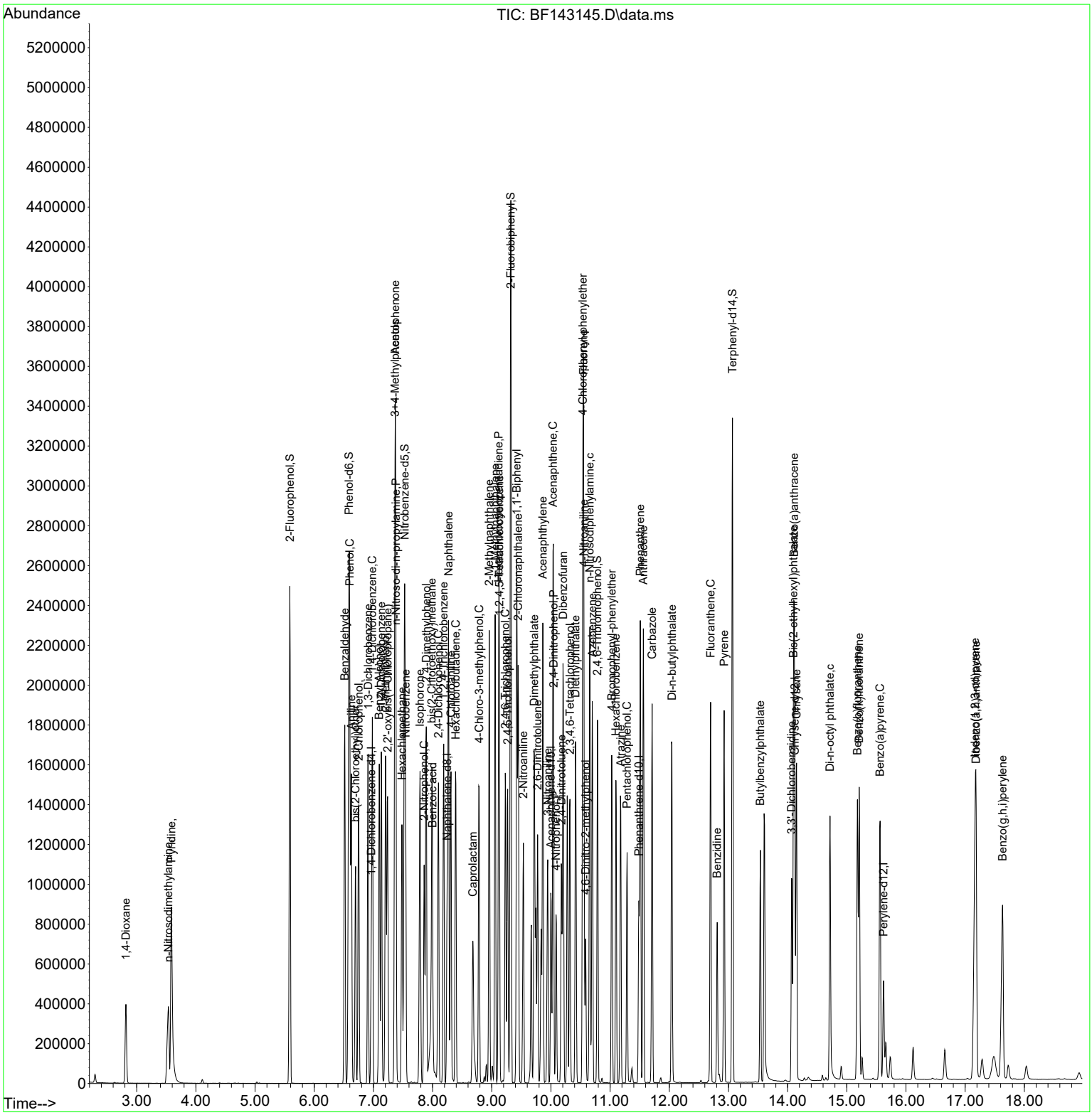
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Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

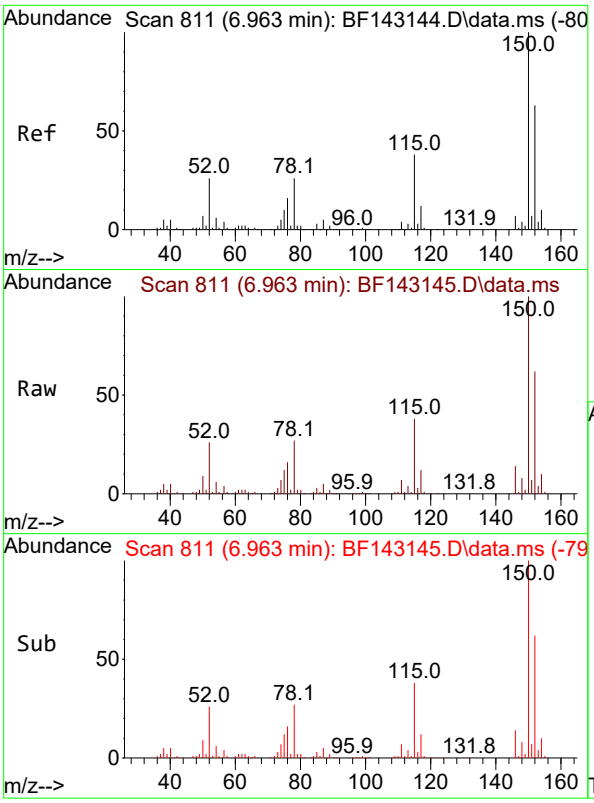
Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

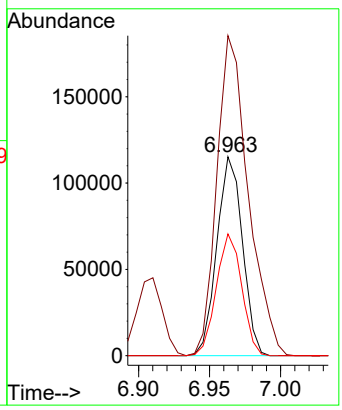




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:152 Resp: 14438

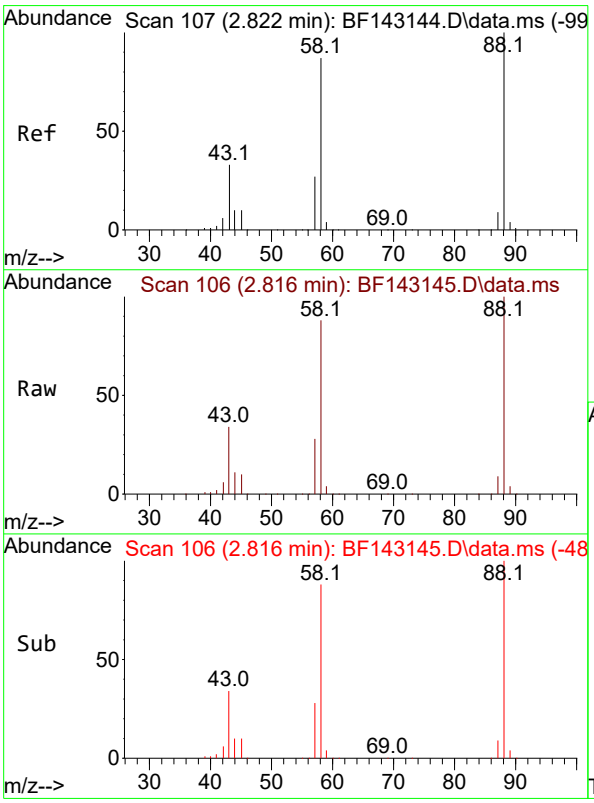
Ion	Ratio	Lower	Upper
152	100		
150	160.9	128.2	192.4
115	61.2	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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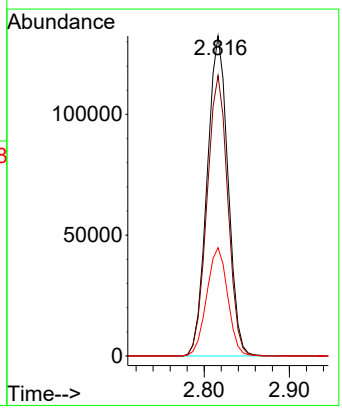
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

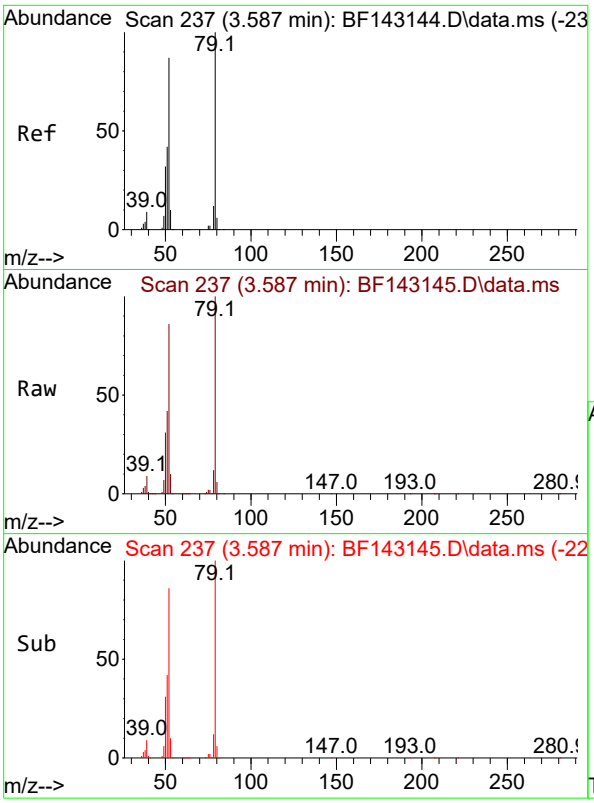


#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 88 Resp: 225749

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.2	105.2
43	34.0	27.1	40.7

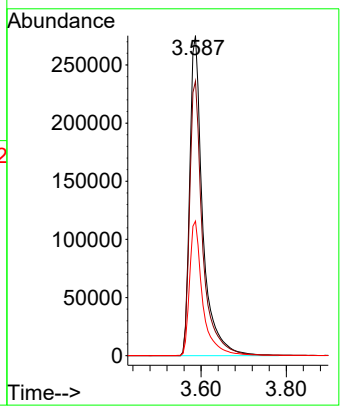




#3
Pyridine
Concen: 52.122 ng
RT: 3.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 79 Resp: 58406

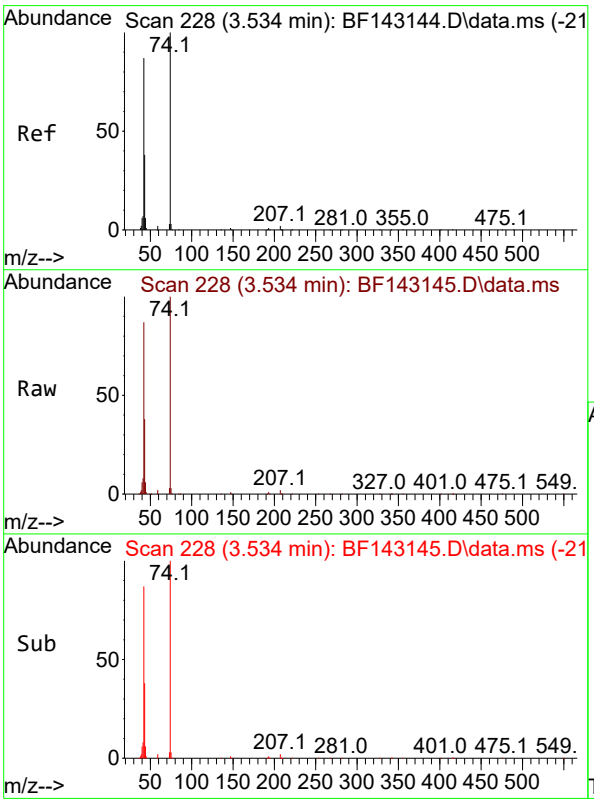
Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.4	104.2
51	42.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

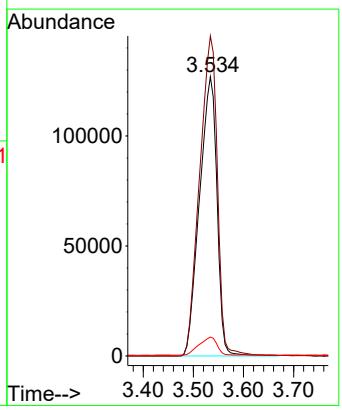
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

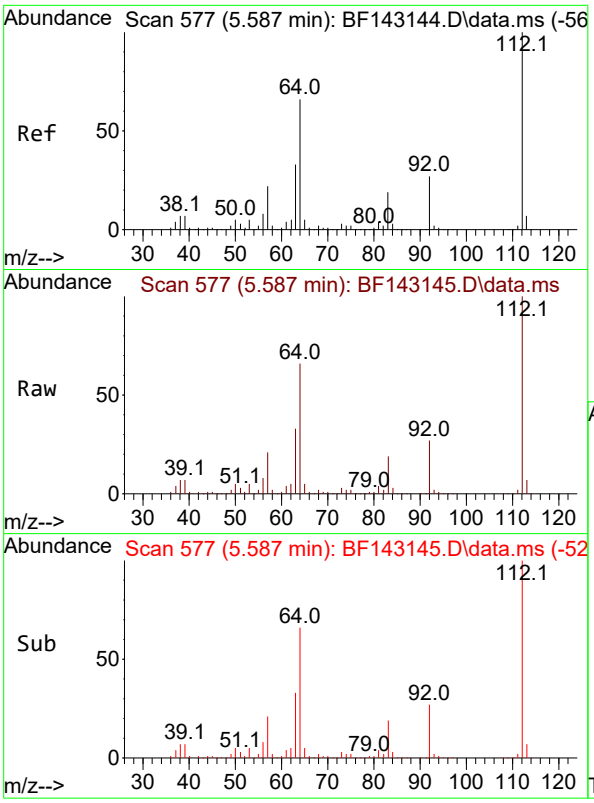


#4
n-Nitrosodimethylamine
Concen: 53.098 ng
RT: 3.534 min Scan# 228
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 42 Resp: 307202

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	6.8	5.6	8.4

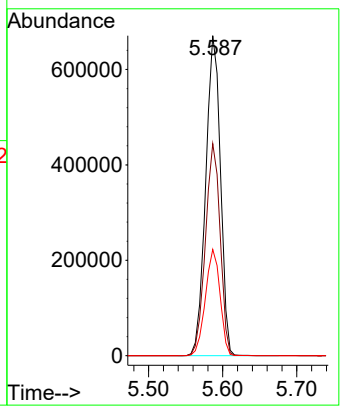




#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:112 Resp: 92726

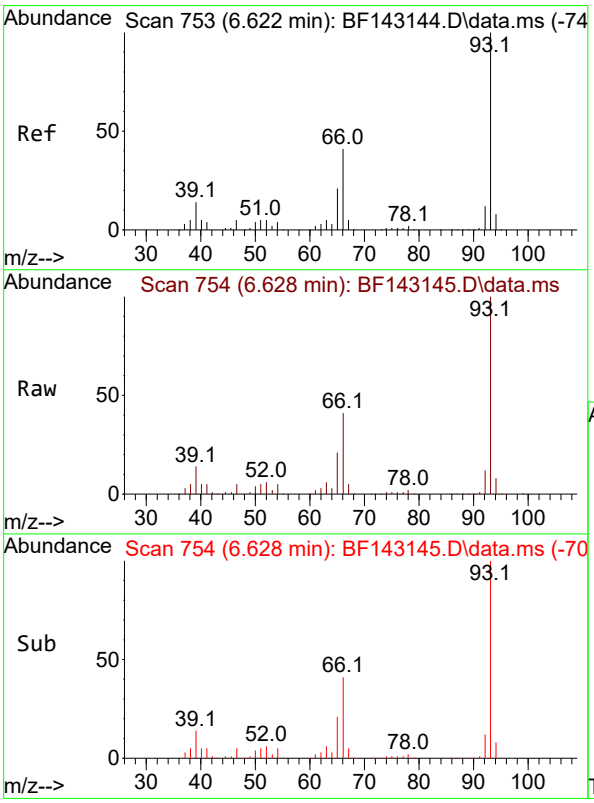
Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	33.2	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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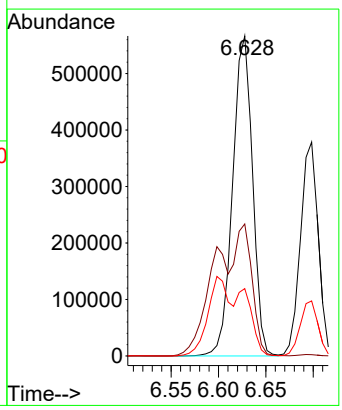
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

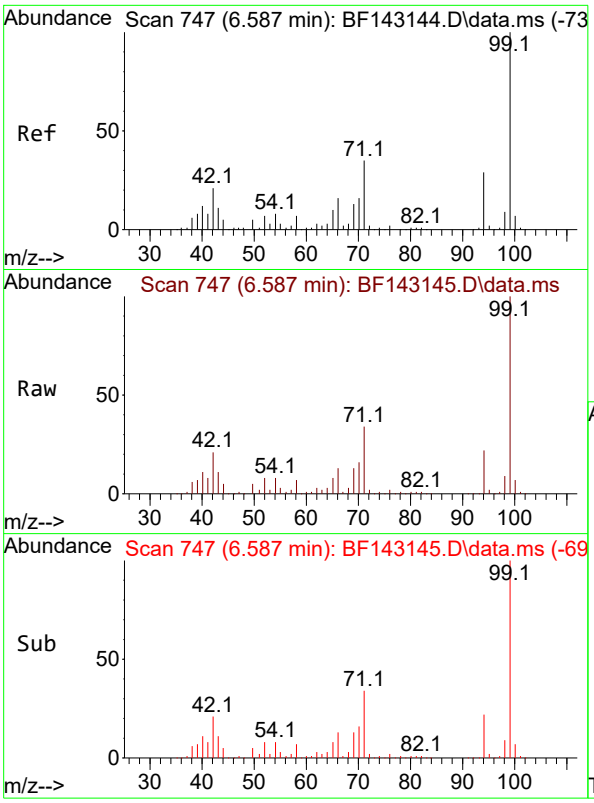


#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 827275

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.2	49.8
65	21.1	16.9	25.3

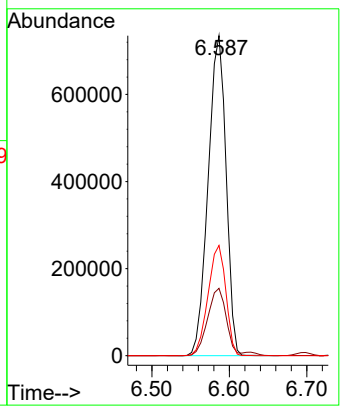




#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 99 Resp: 117846

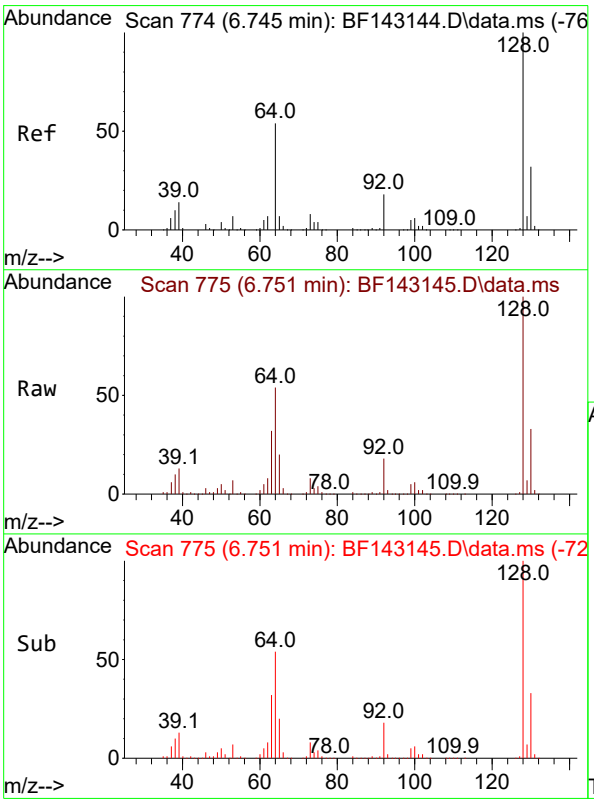
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	34.4	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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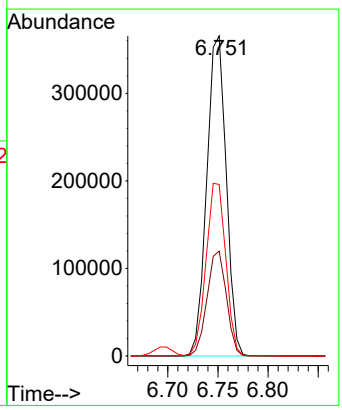
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

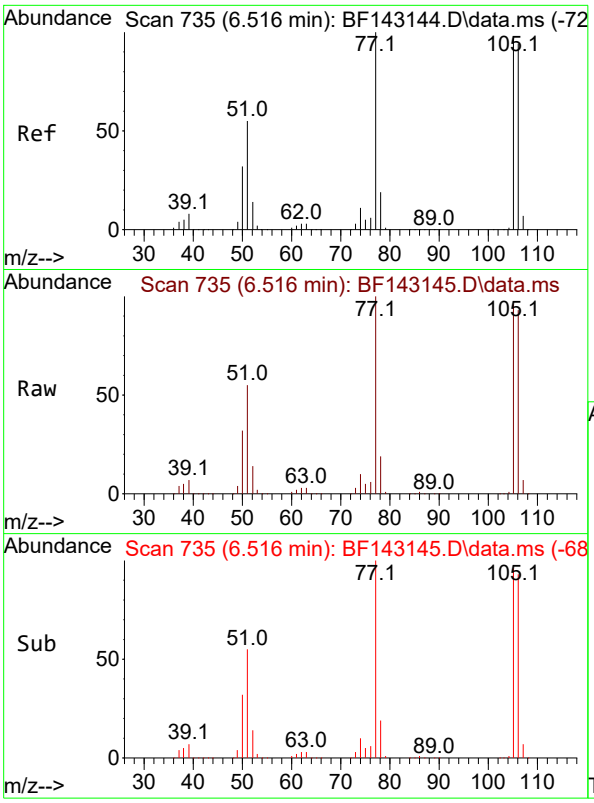


#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	53.6	35.9	75.9

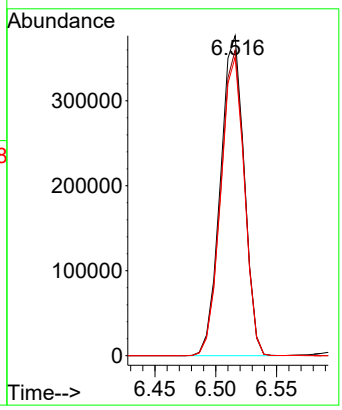




#9
Benzaldehyde
Concen: 59.162 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 50947

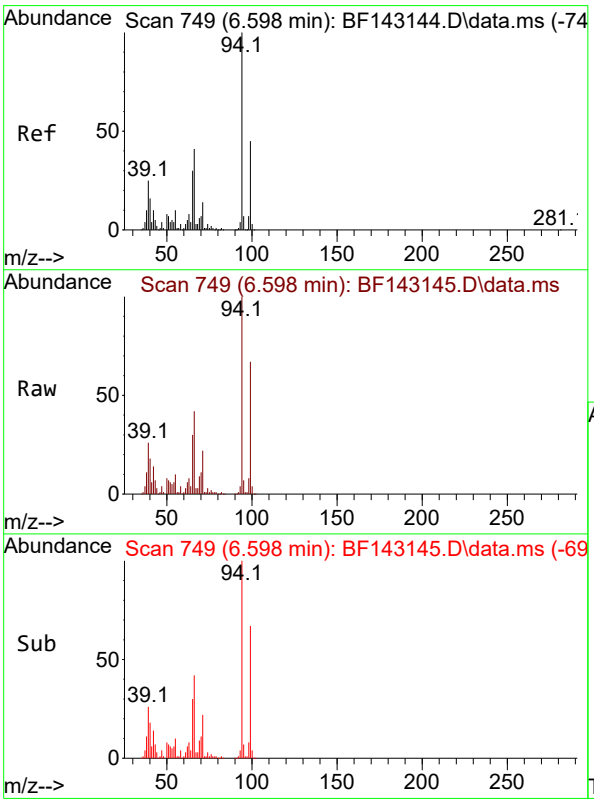
Ion	Ratio	Lower	Upper
77	100		
105	95.5	76.8	116.8
106	93.3	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

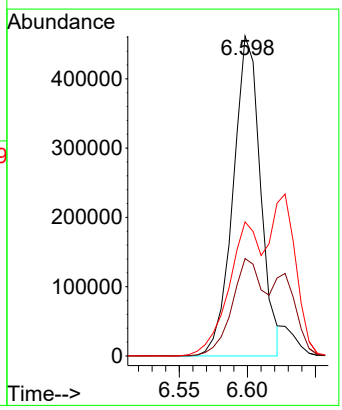
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

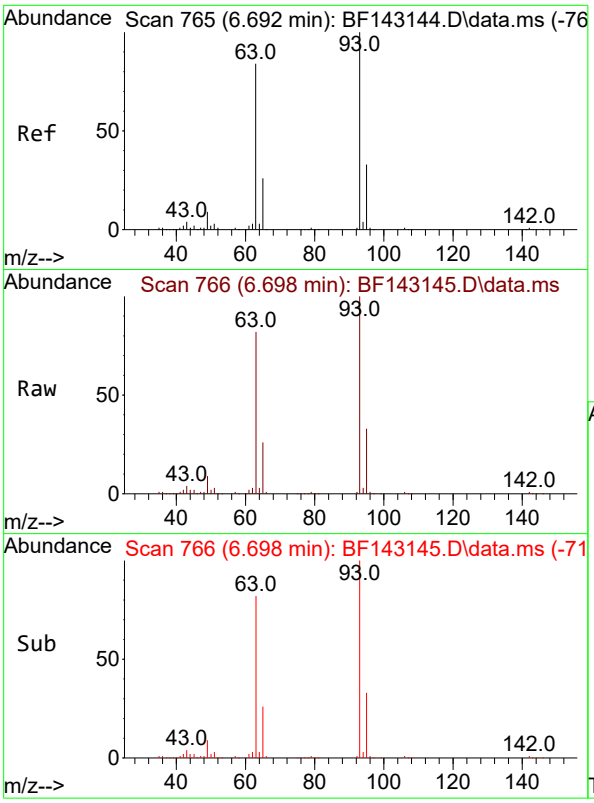


#10
Phenol
Concen: 51.598 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 94 Resp: 645540

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.0	50.0
66	41.9	20.8	60.8

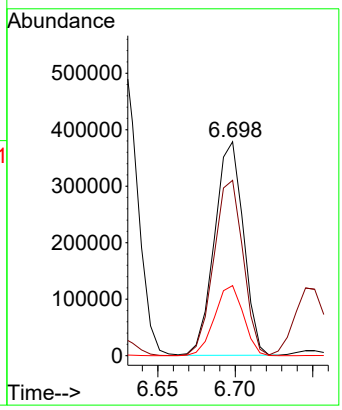




#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 49137

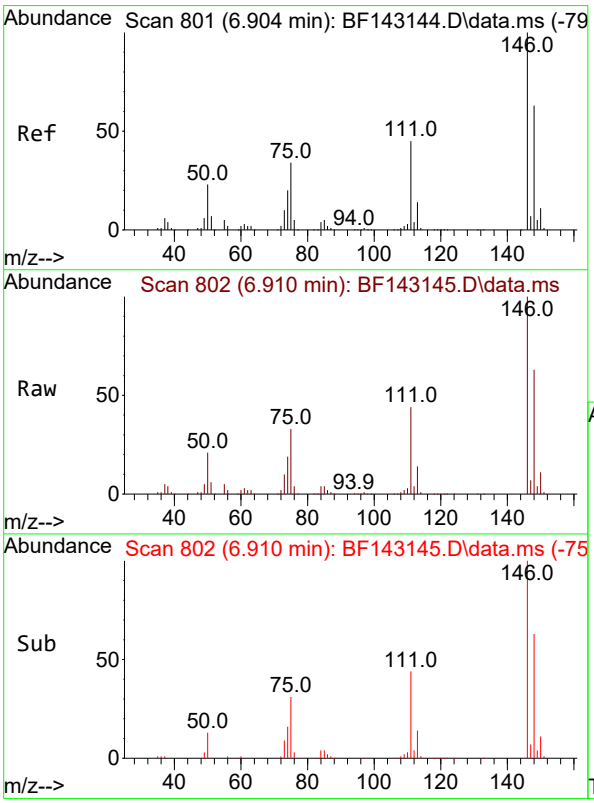
Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.4	103.4
95	32.8	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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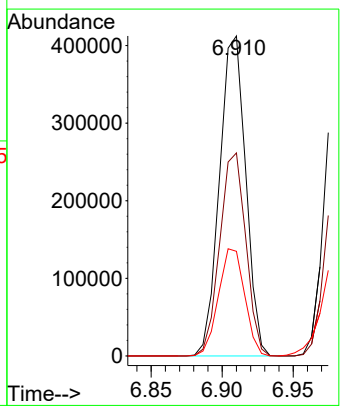
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

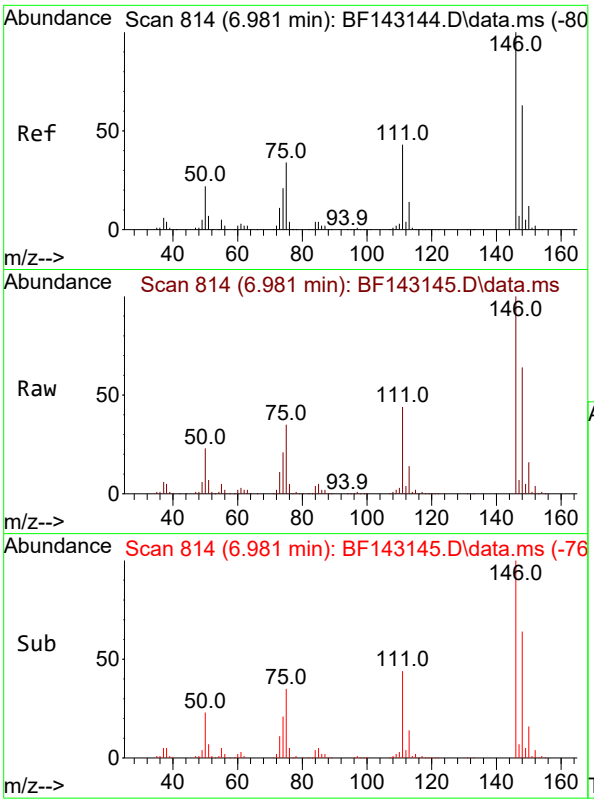


#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
75	32.7	27.4	41.2

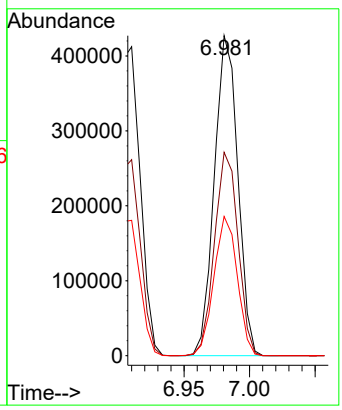




#13
1,4-Dichlorobenzene
Concen: 50.818 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 53169

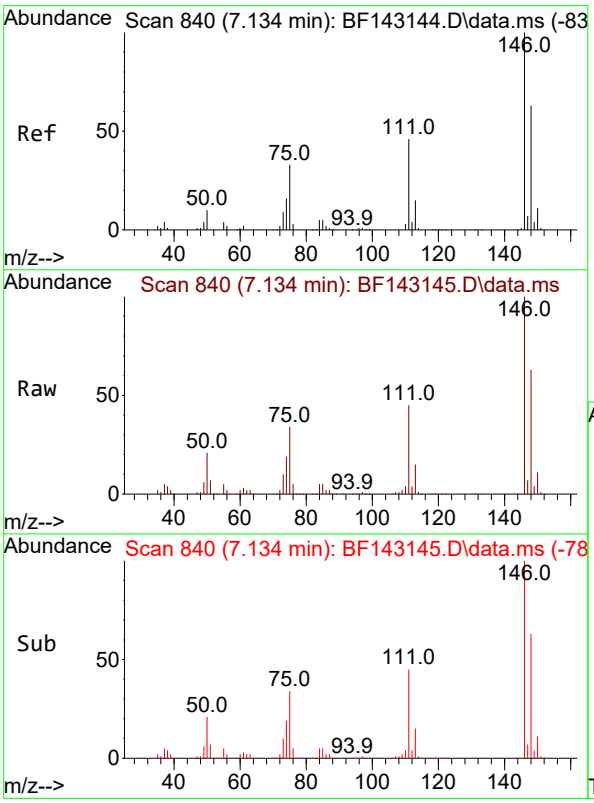
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	43.5	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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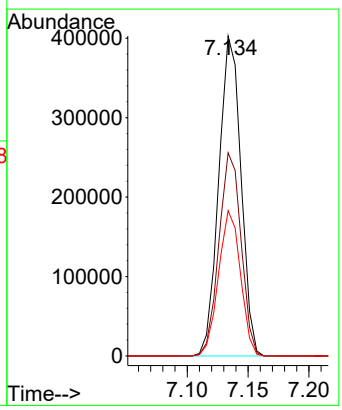
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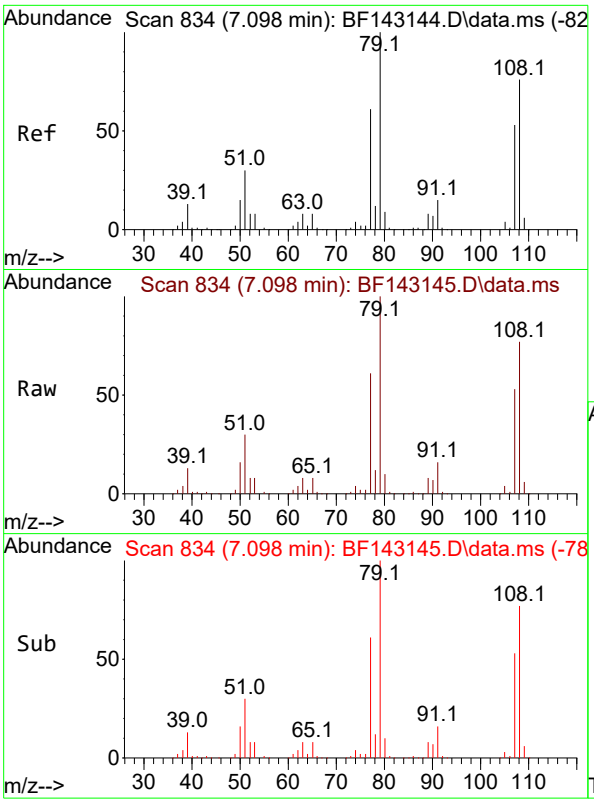


#14
1,2-Dichlorobenzene
Concen: 51.264 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 510140

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	45.4	36.6	54.8

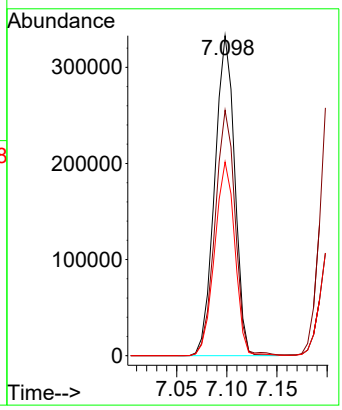




#15
Benzyl Alcohol
Concen: 52.616 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 79 Resp: 46137

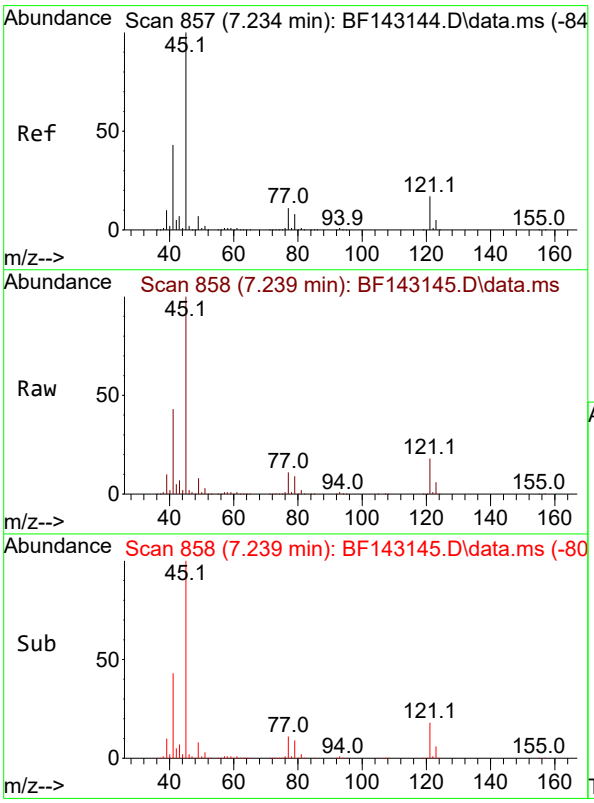
Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.1	91.7
77	60.6	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

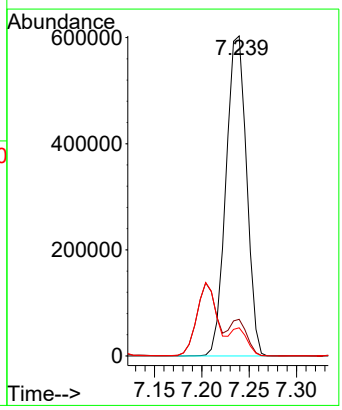
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

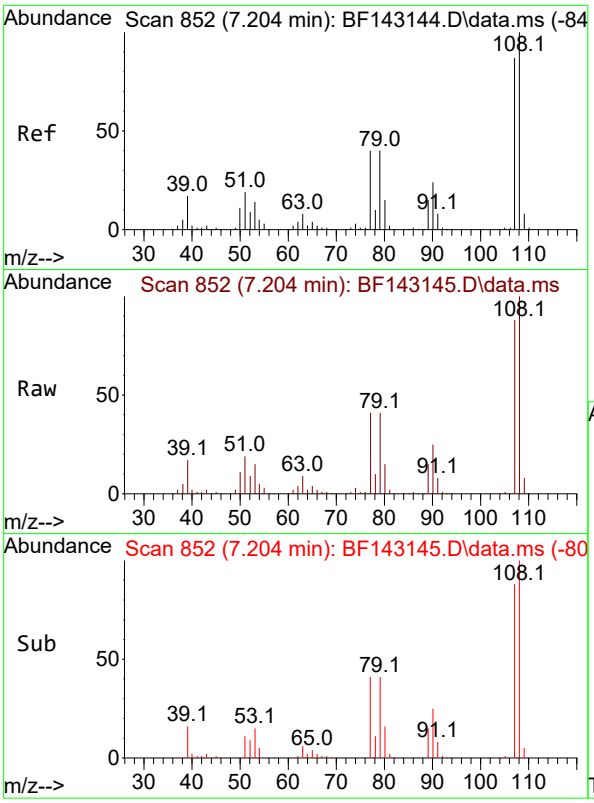


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.128 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 45 Resp: 908530

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.8	0.0	28.5

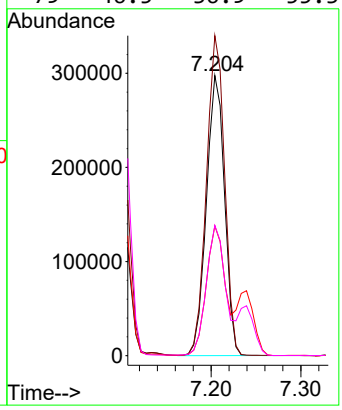




#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 41879

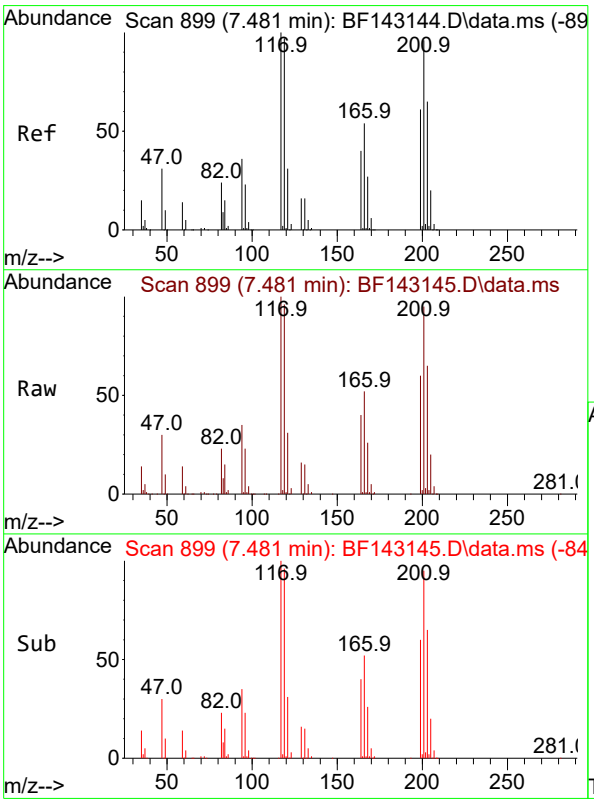
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	46.3	37.0	55.6
79	46.5	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

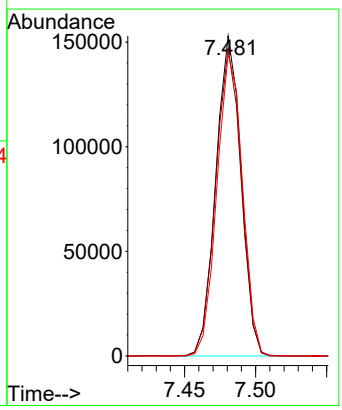
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

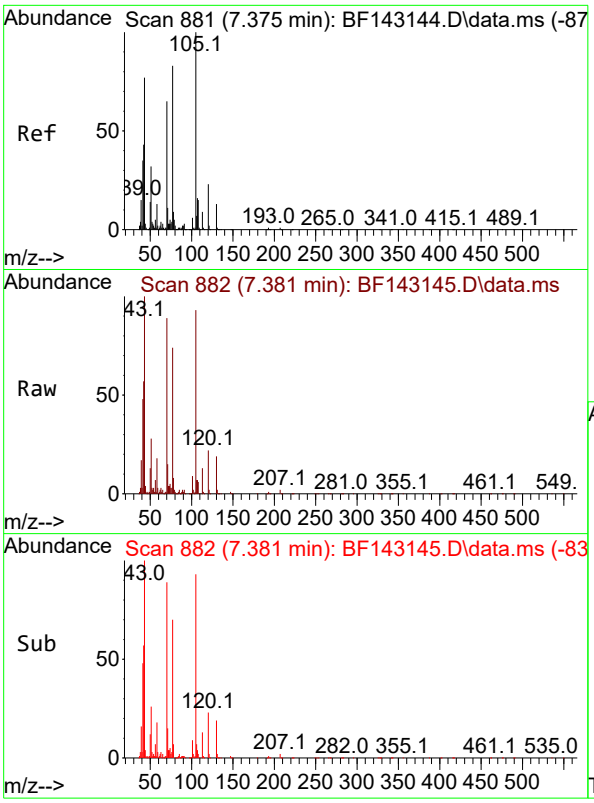


#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:117 Resp: 189394

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	94.5	77.0	115.4

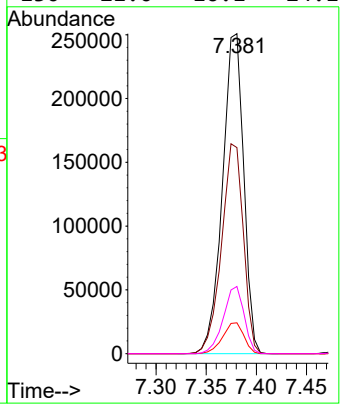




#19
n-Nitroso-di-n-propylamine
Concen: 50.131 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 70 Resp: 36936

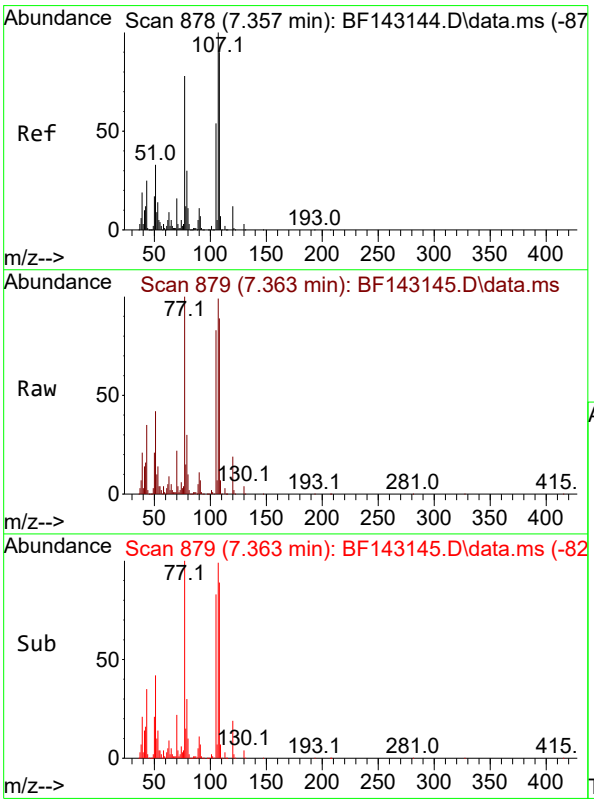
Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.7	7.6	11.4
130	21.0	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

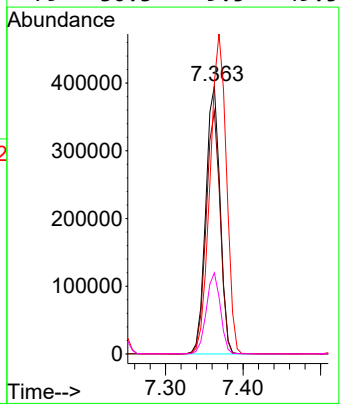
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

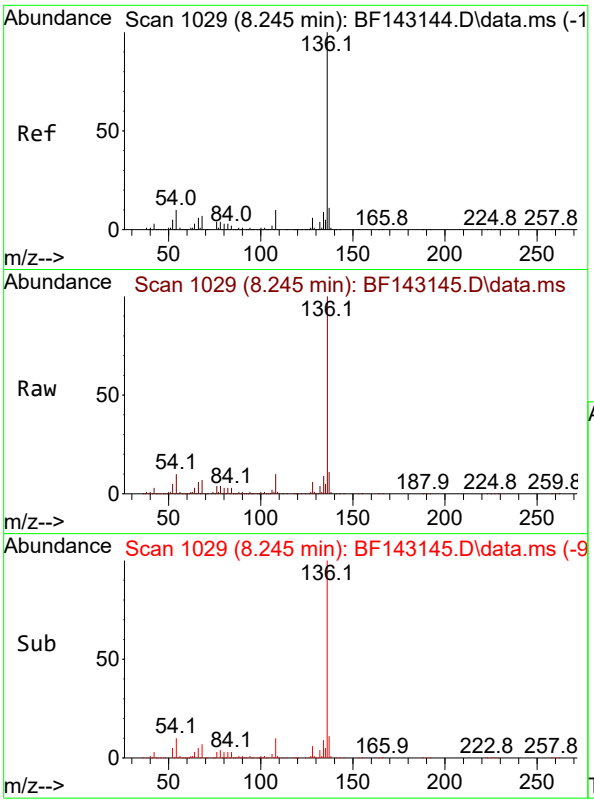


#20
3+4-Methylphenols
Concen: 51.870 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	101.5	57.8	97.8#
79	30.3	9.5	49.5

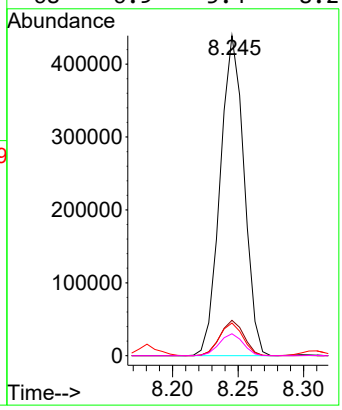




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:136 Resp: 55553

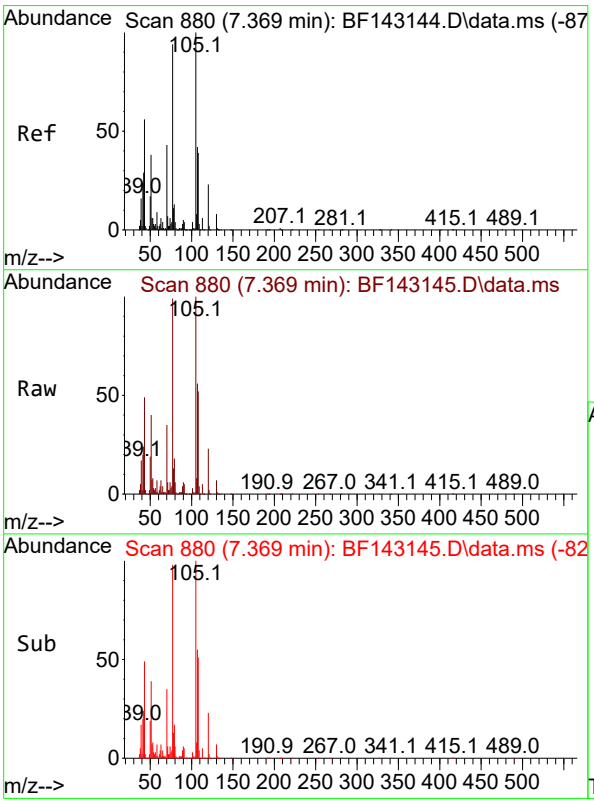
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.2	8.2	12.2
68	6.9	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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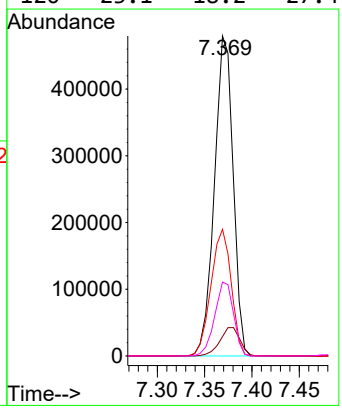
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

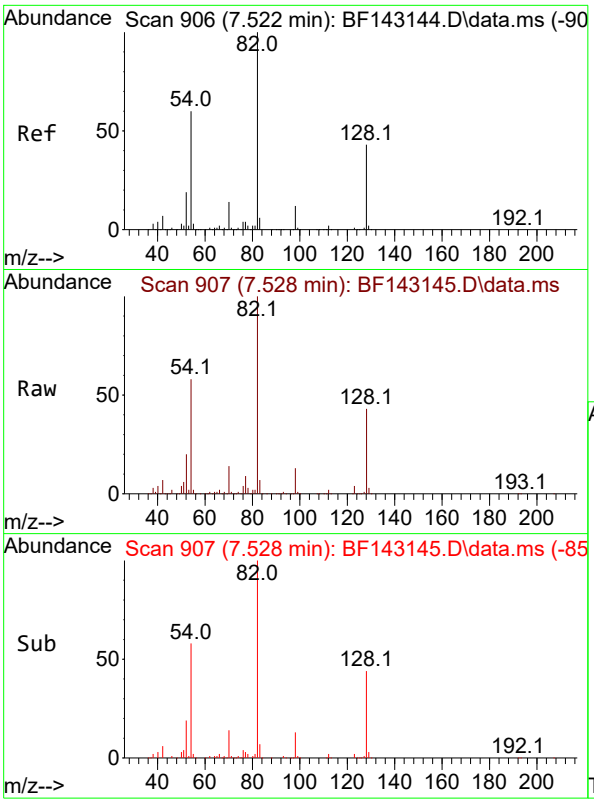


#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:105 Resp: 661017

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.8	8.6
51	39.6	30.2	45.2
120	23.1	18.2	27.4

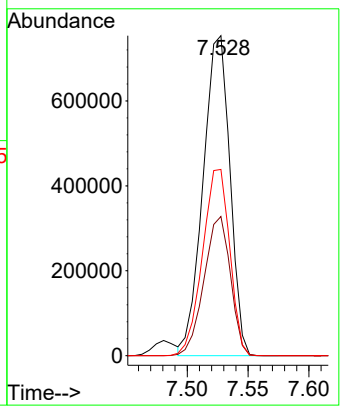




#23
Nitrobenzene-d5
Concen: 103.949 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 82 Resp: 115849

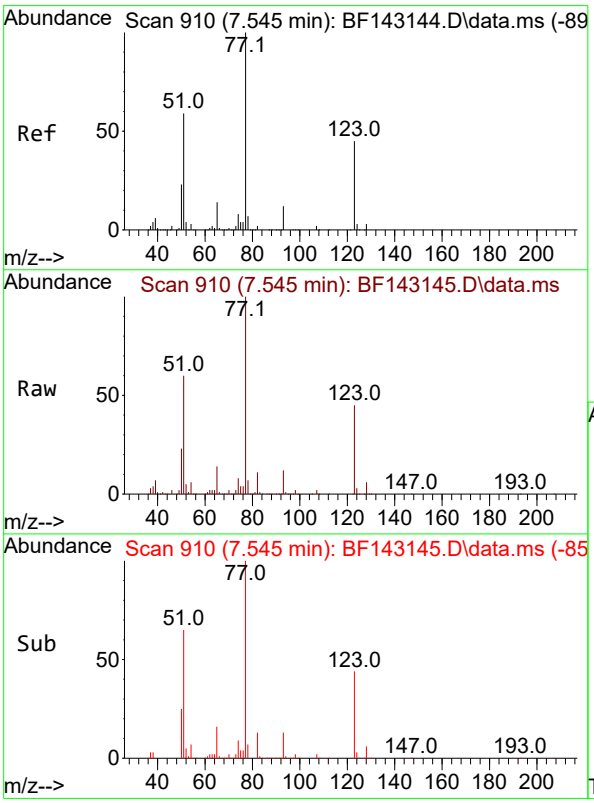
Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	58.2	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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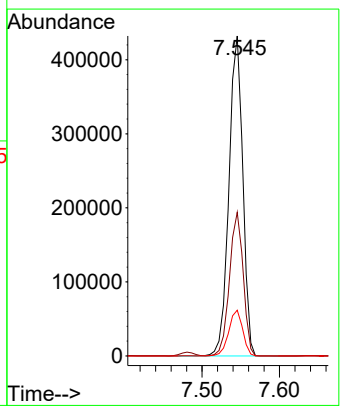
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

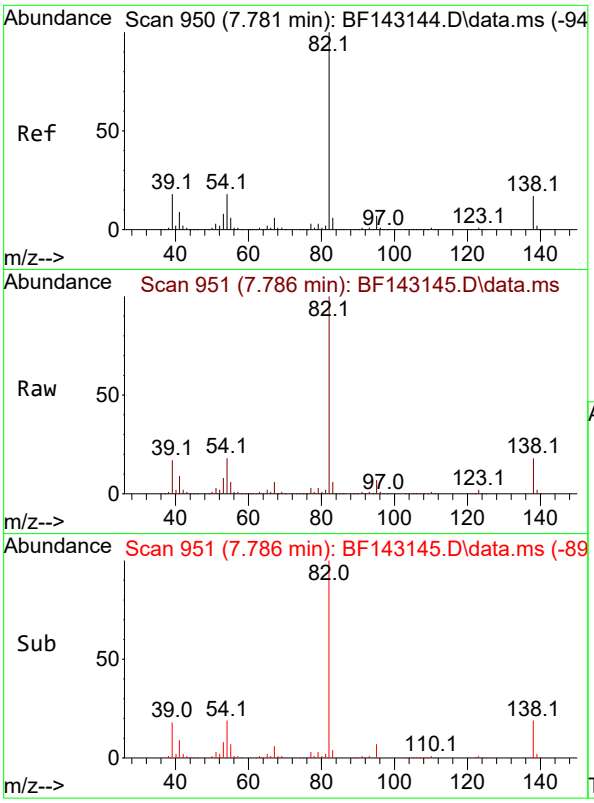


#24
Nitrobenzene
Concen: 51.843 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 538666

Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.1	54.1
65	14.3	11.4	17.2

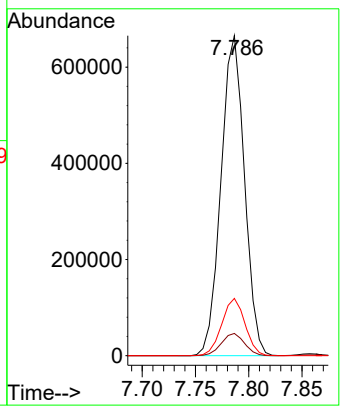




#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 82 Resp: 101878

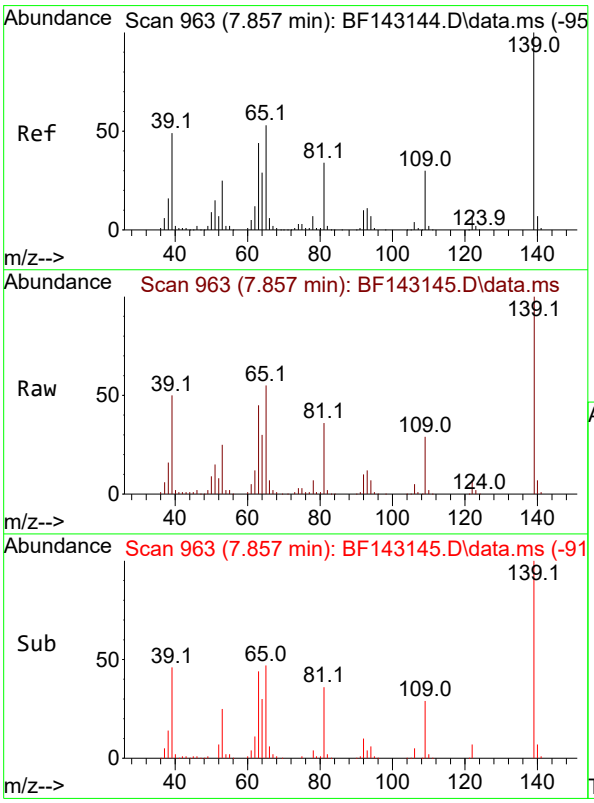
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.9	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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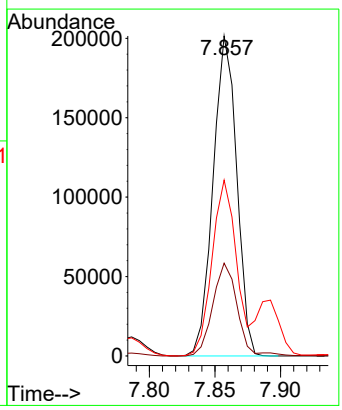
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

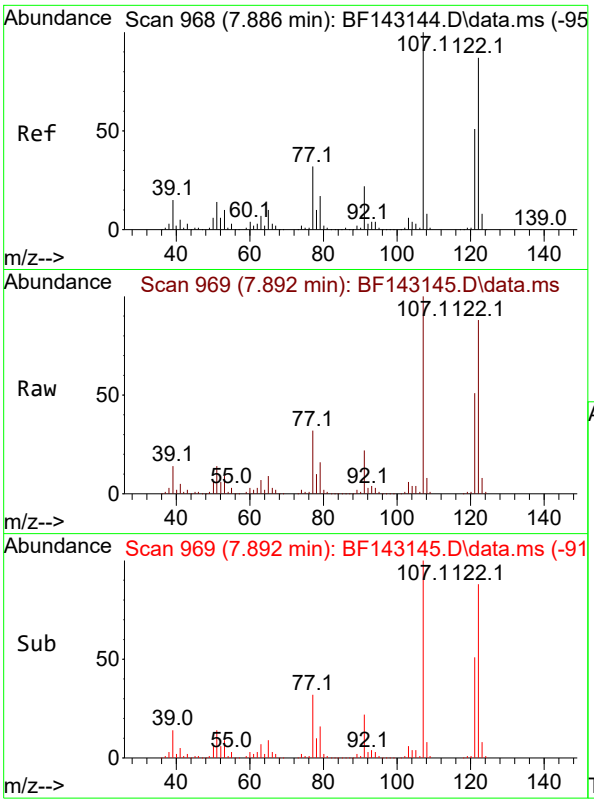


#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.0	42.6	64.0

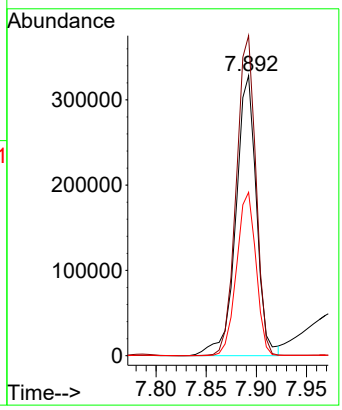




#27
2,4-Dimethylphenol
Concen: 51.112 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 46981

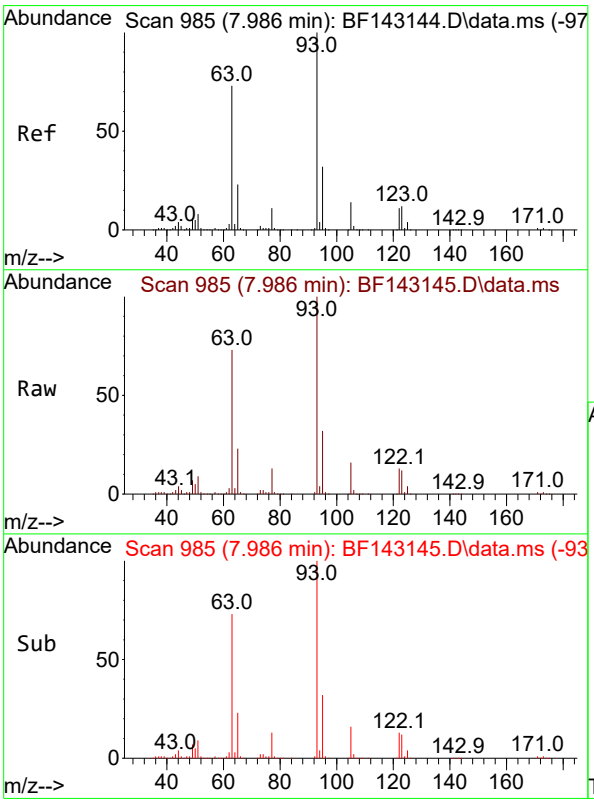
Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.8	137.6
121	58.4	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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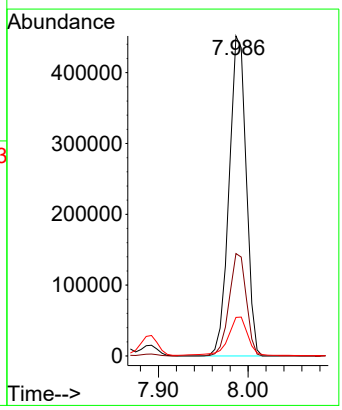
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

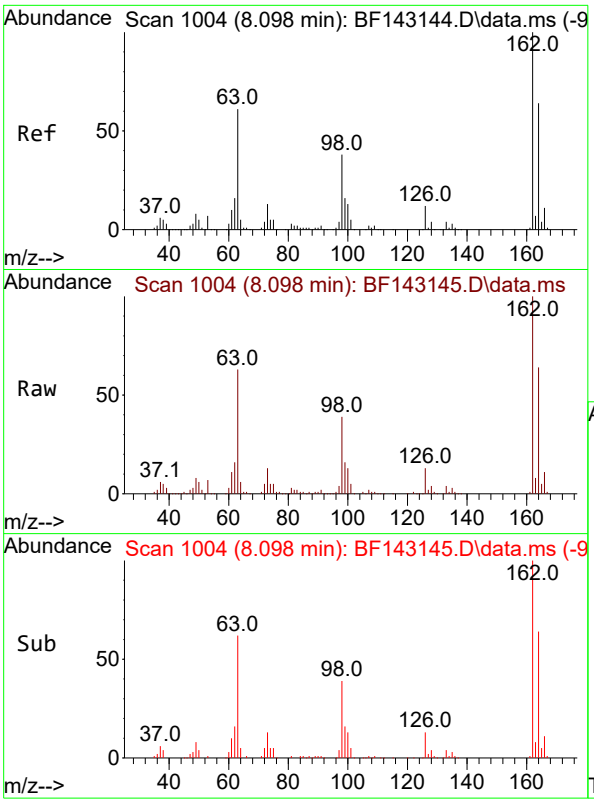


#28
bis(2-Chloroethoxy)methane
Concen: 50.631 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 597241

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.6
123	12.1	9.7	14.5

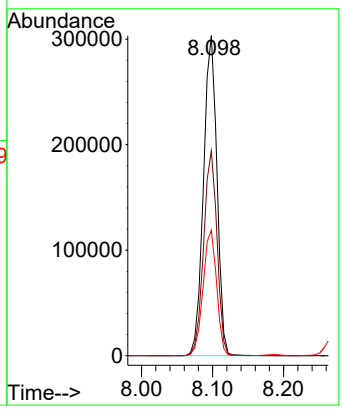




#29
2,4-Dichlorophenol
Concen: 51.773 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:162 Resp: 40133

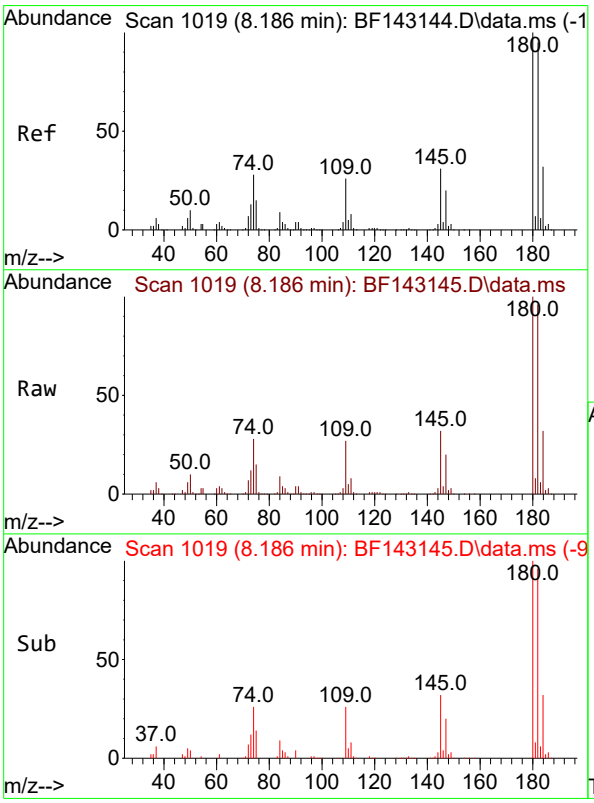
Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.2	84.2
98	39.2	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

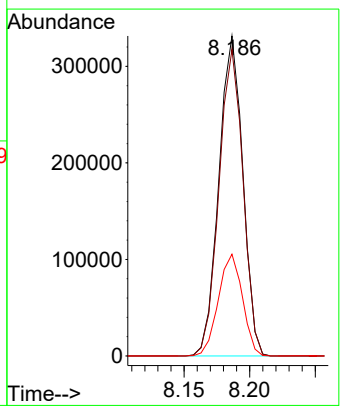
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

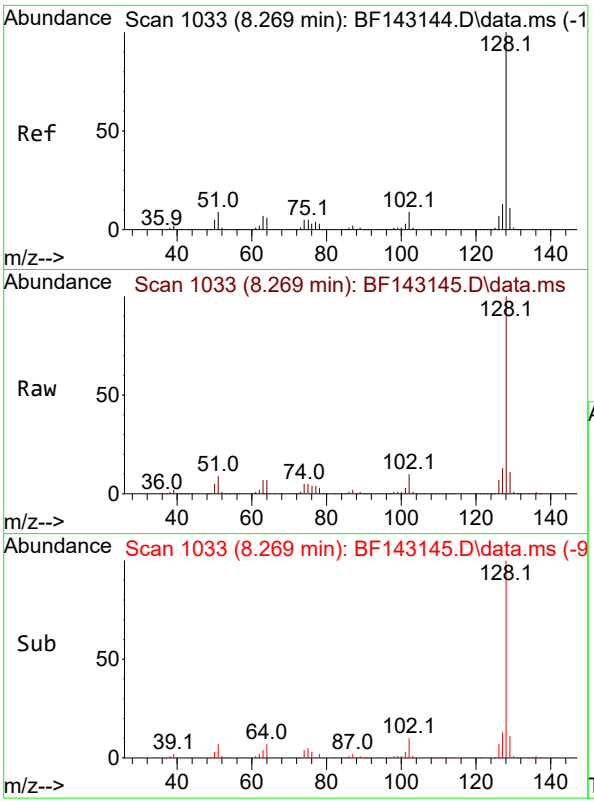


#30
1,2,4-Trichlorobenzene
Concen: 50.242 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:180 Resp: 420763

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	31.8	25.0	37.6

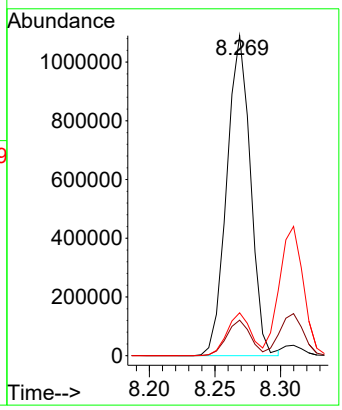




#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 136962

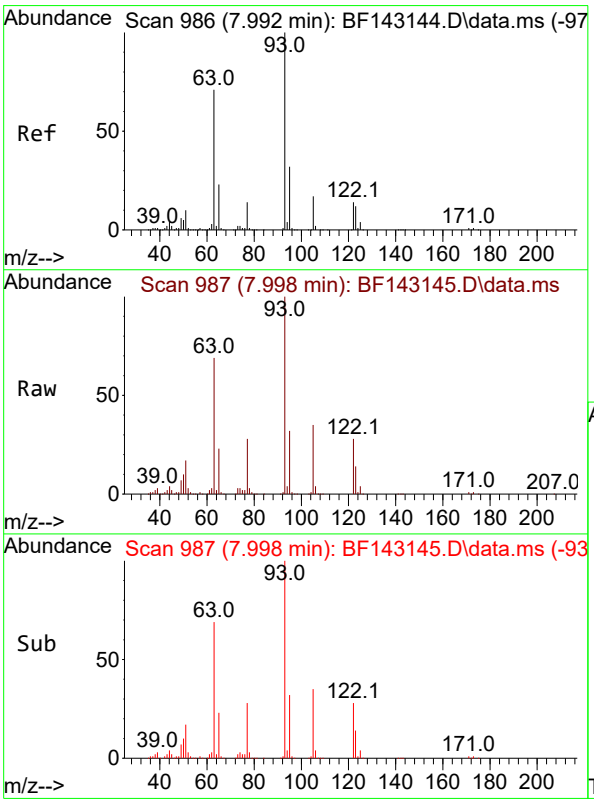
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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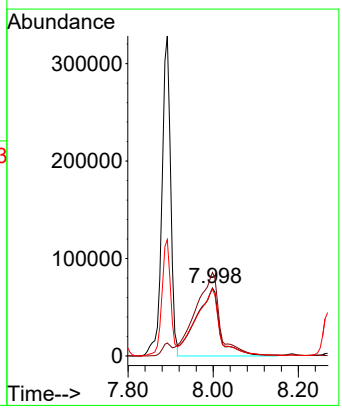
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

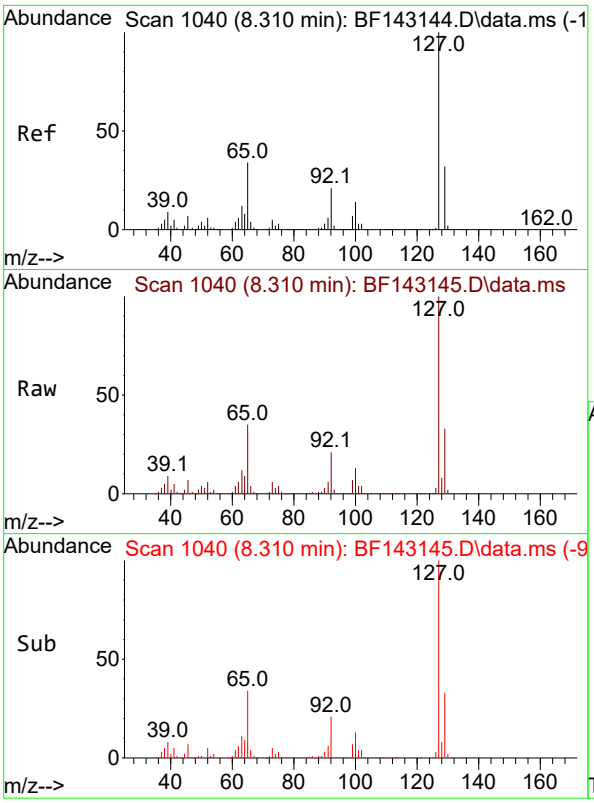


#32
Benzoic acid
Concen: 52.352 ng m
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 273361

Ion	Ratio	Lower	Upper
122	100		
105	123.0	104.8	144.8
77	98.4	77.6	117.6

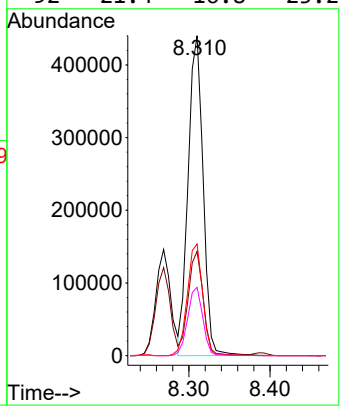




#33
4-Chloroaniline
Concen: 50.703 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:127 Resp: 56642

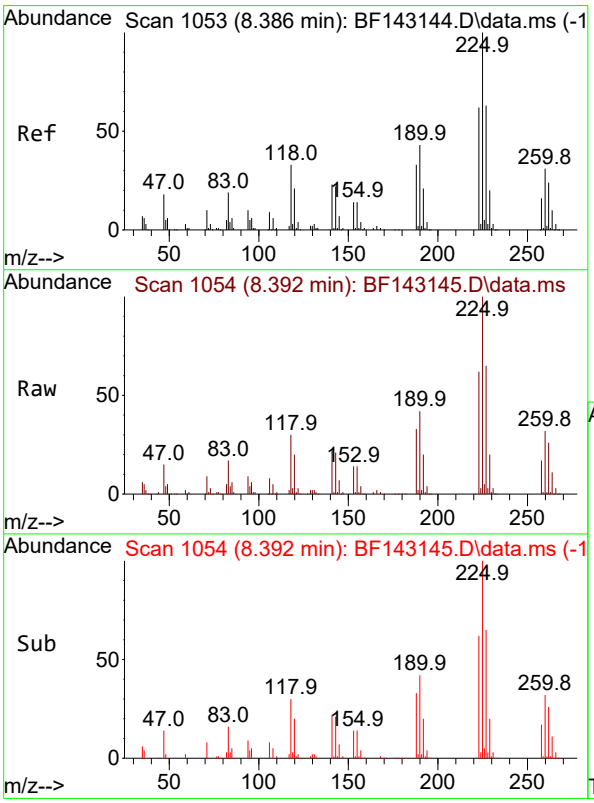
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	34.9	27.4	41.2
92	21.4	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

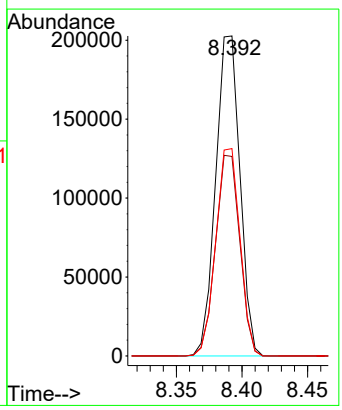
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

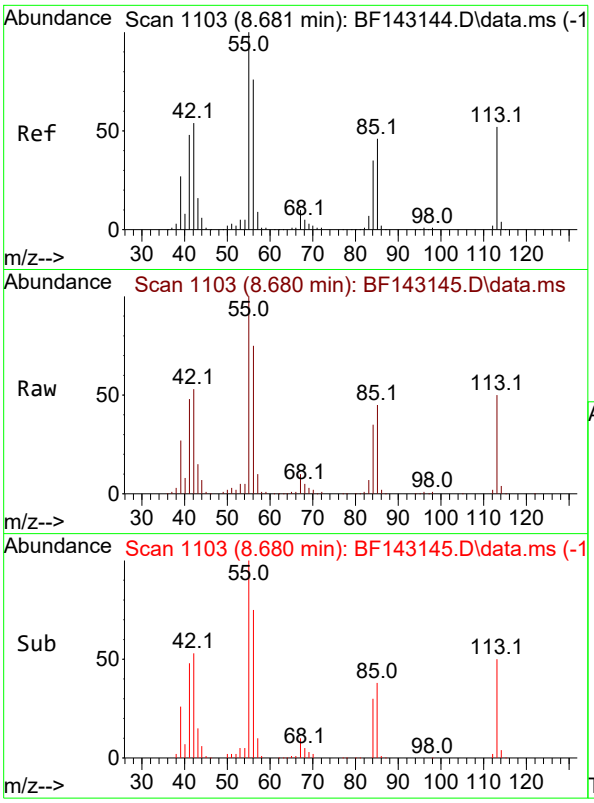


#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:225 Resp: 260787

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.8	50.2	75.4

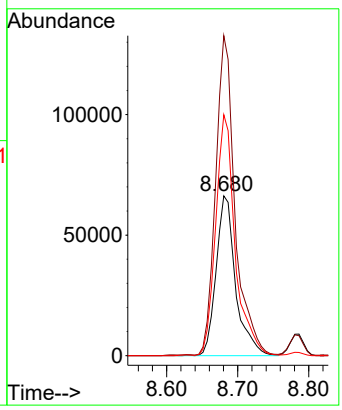




#35
Caprolactam
Concen: 53.811 ng
RT: 8.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:113 Resp: 12605

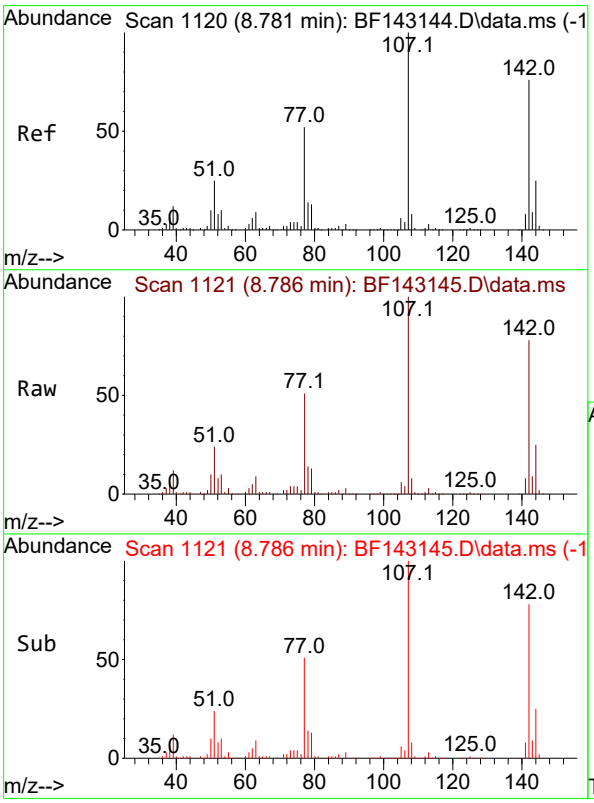
Ion	Ratio	Lower	Upper
113	100		
55	200.3	174.0	214.0
56	150.8	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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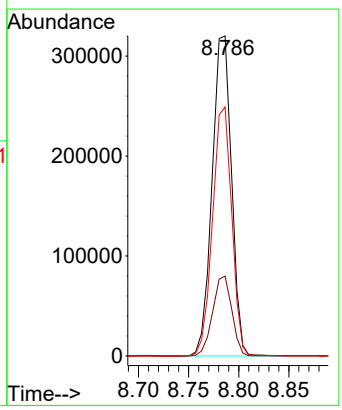
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

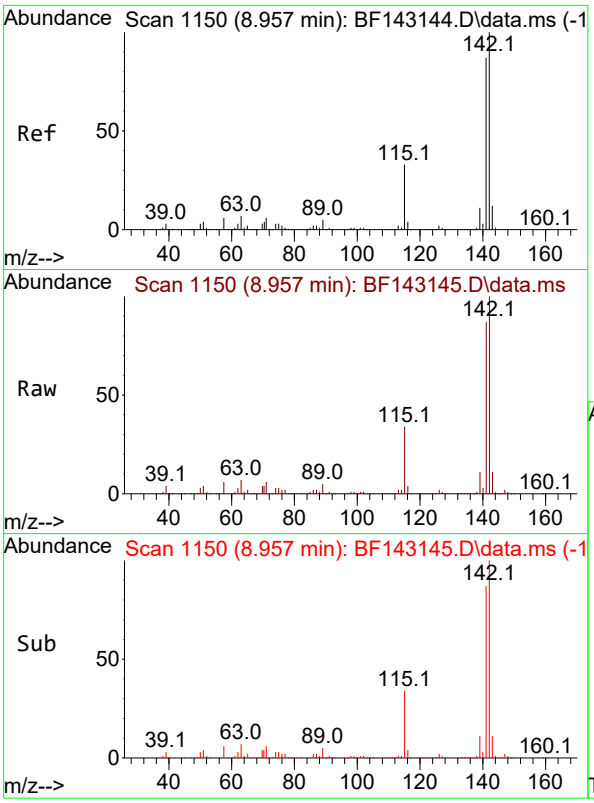


#36
4-Chloro-3-methylphenol
Concen: 51.242 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 431745

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	77.8	60.6	90.8

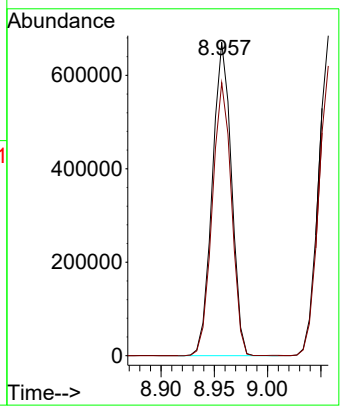




#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 83782

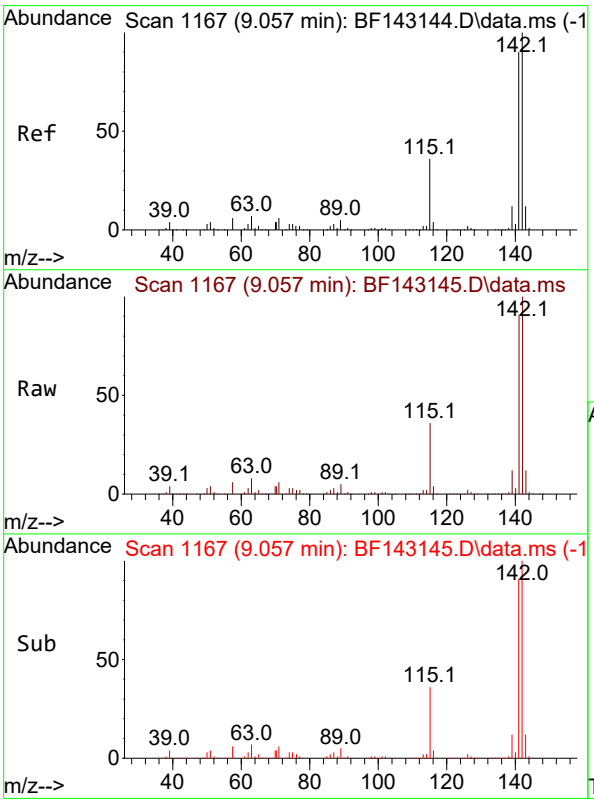
Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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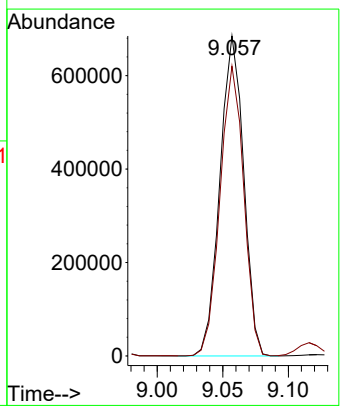
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

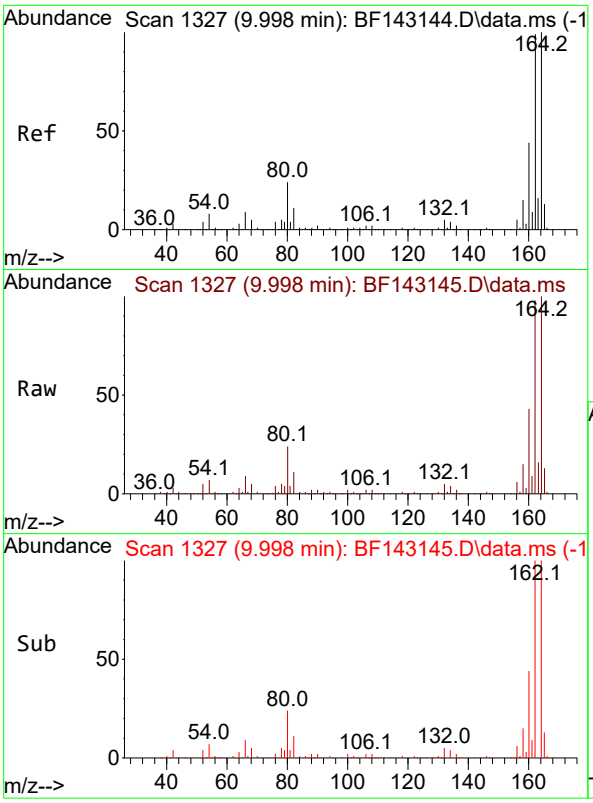


#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5

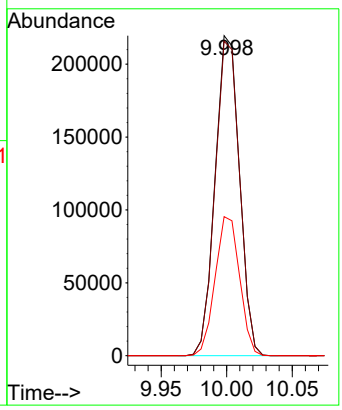




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:164 Resp: 28365

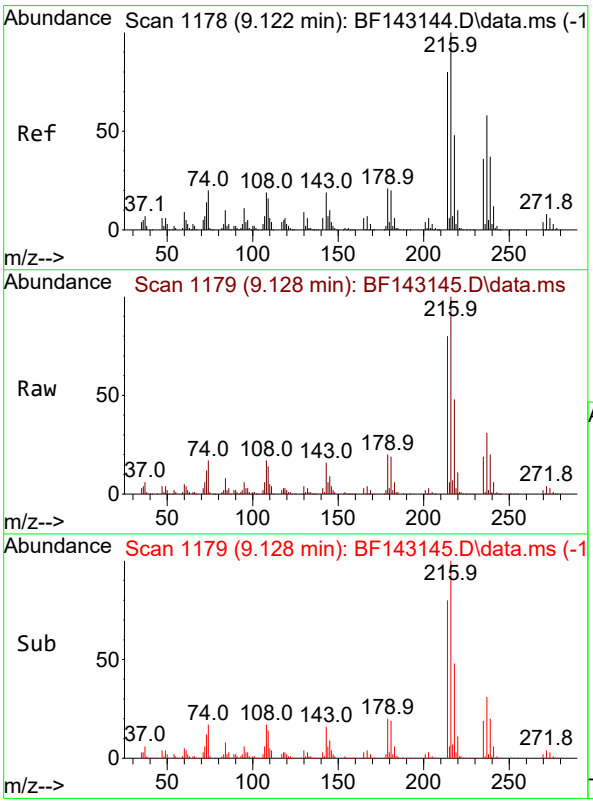
Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.0	118.6
160	43.5	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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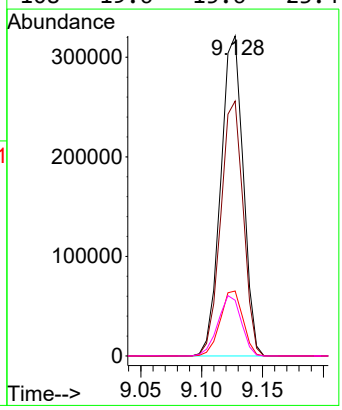
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

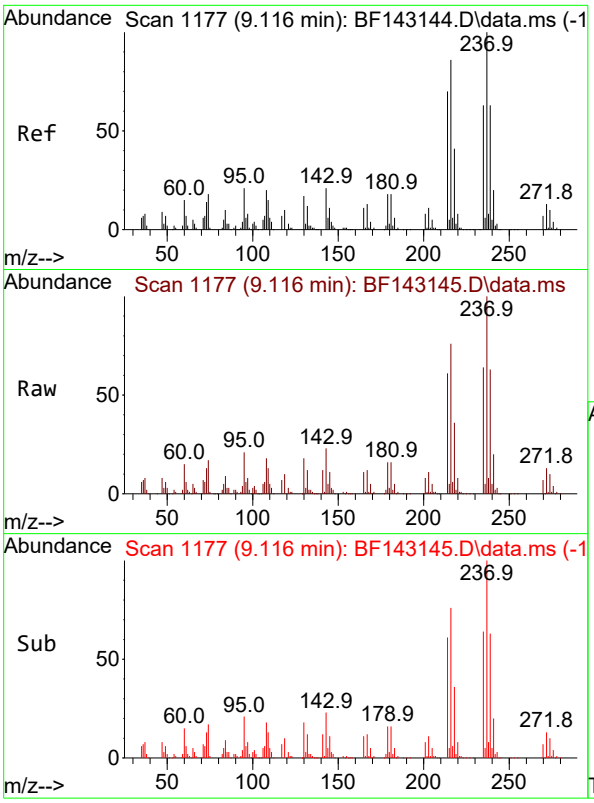


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.420 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	20.5	16.4	24.6
108	19.6	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 53.823 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

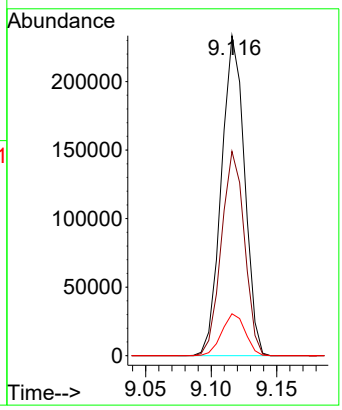
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

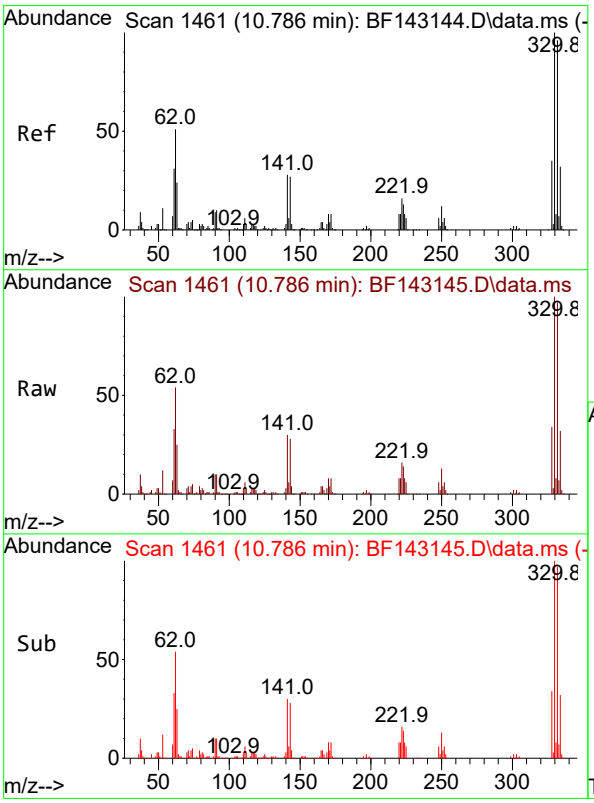
Tgt Ion:237 Resp: 28680

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.0	83.0
272	13.1	0.0	33.3

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Supervised By :Jagrut Upadhyay 07/18/2025

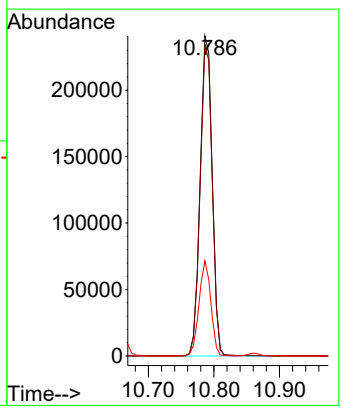


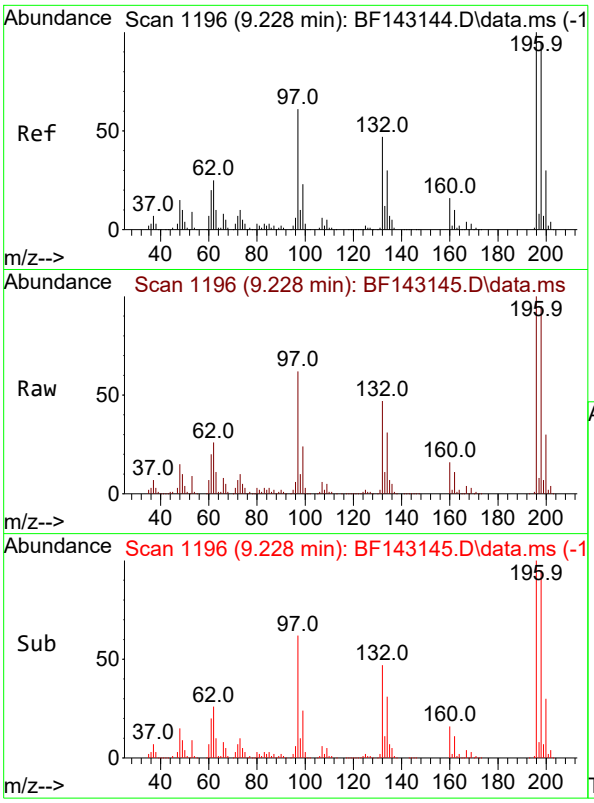


#42
2,4,6-Tribromophenol
Concen: 105.607 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:330 Resp: 309465

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	29.0	23.3	34.9

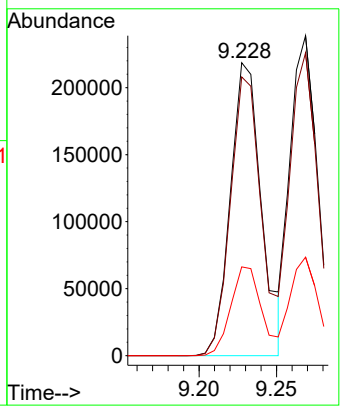




#43
2,4,6-Trichlorophenol
Concen: 53.718 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 30446

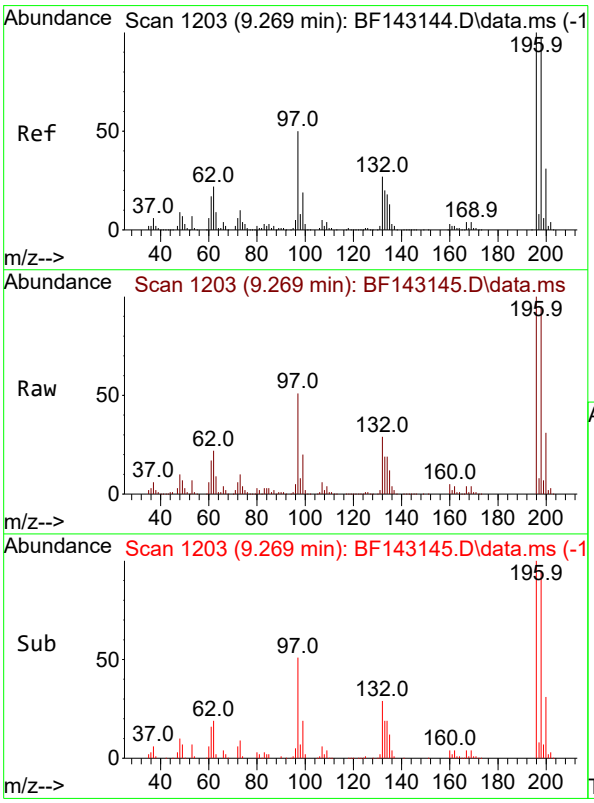
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.3	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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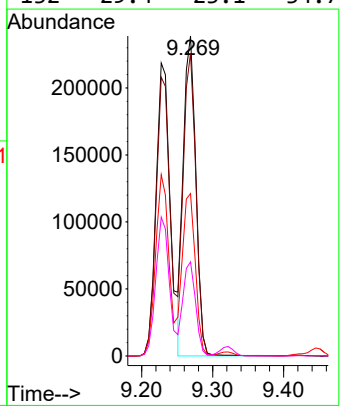
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

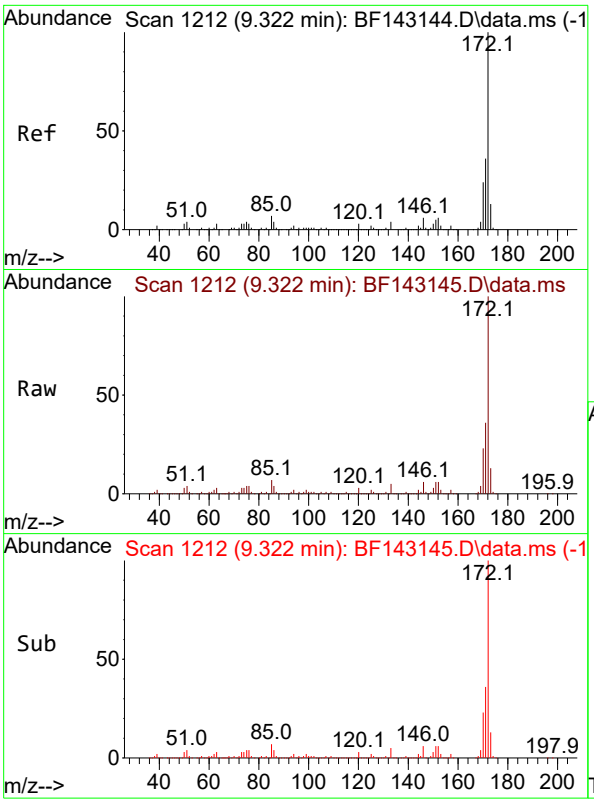


#44
2,4,5-Trichlorophenol
Concen: 51.434 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 291607

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.3	115.9
97	50.8	40.3	60.5
132	29.4	23.1	34.7





#45
2-Fluorobiphenyl
Concen: 96.712 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

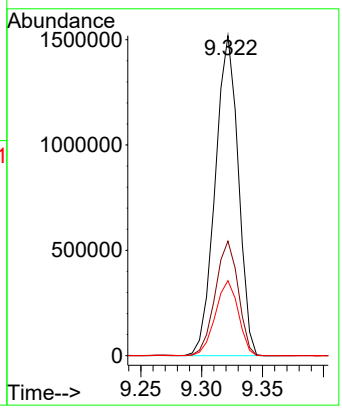
Tgt Ion:172 Resp: 200589

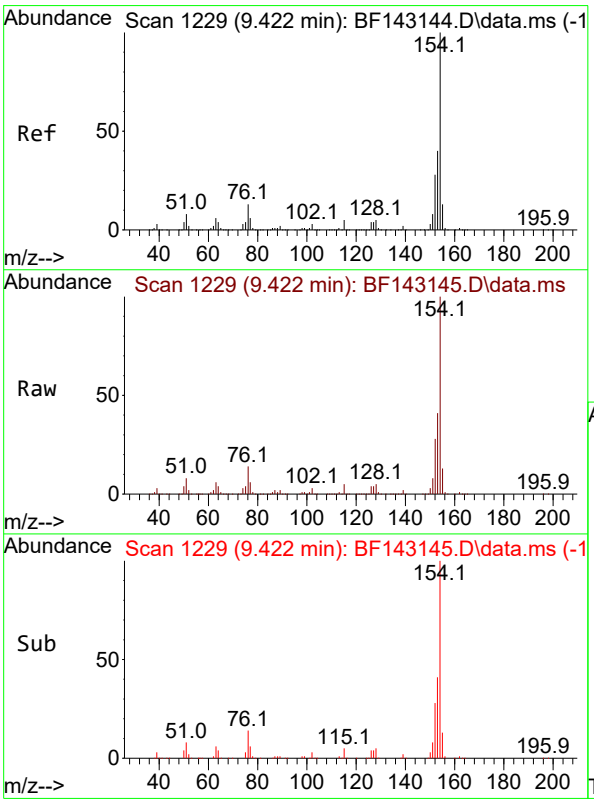
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.5	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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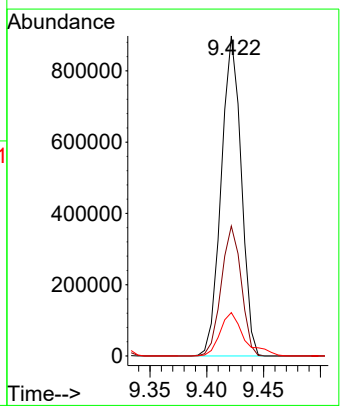


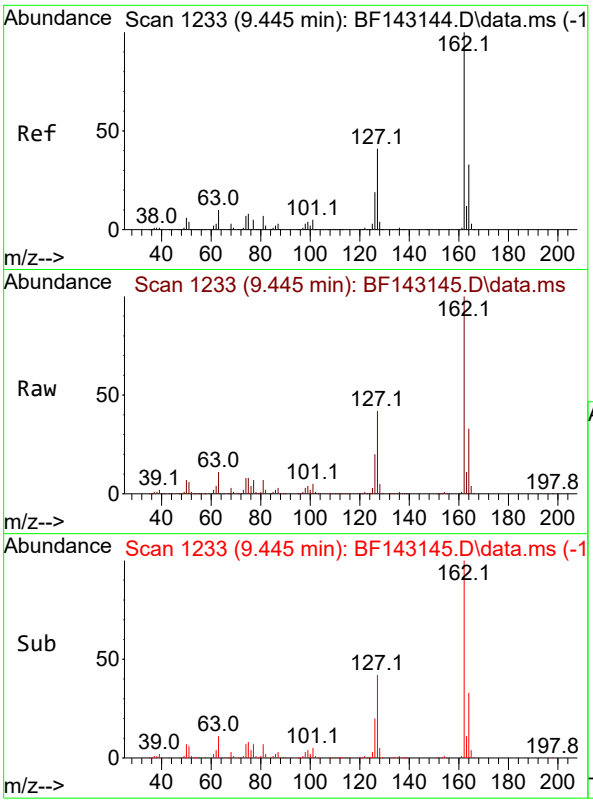


#46
1,1'-Biphenyl
Concen: 49.764 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 1101317

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.5	0.0	33.3

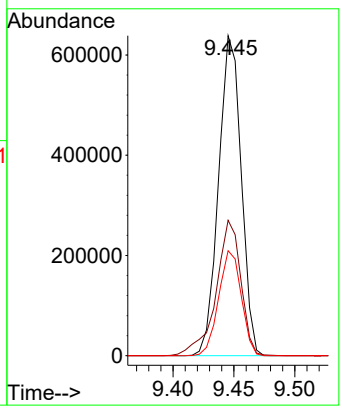




#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:162 Resp: 82674

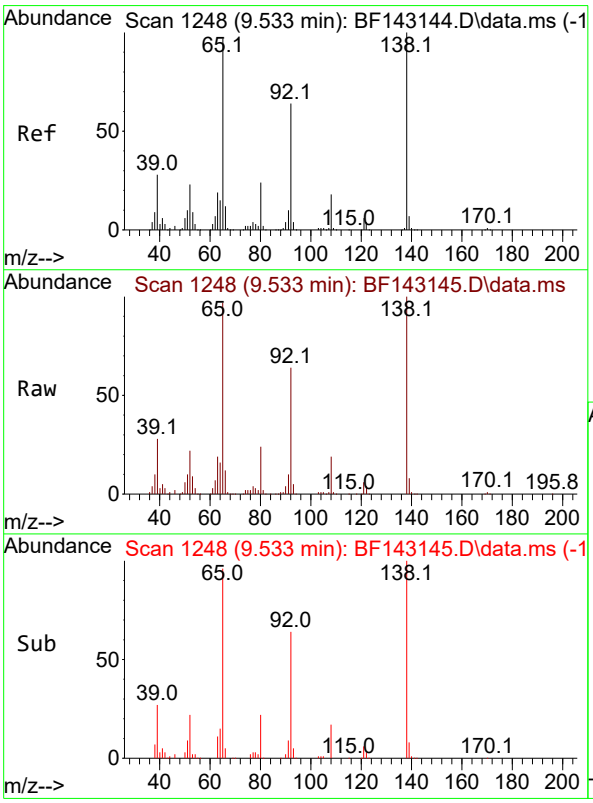
Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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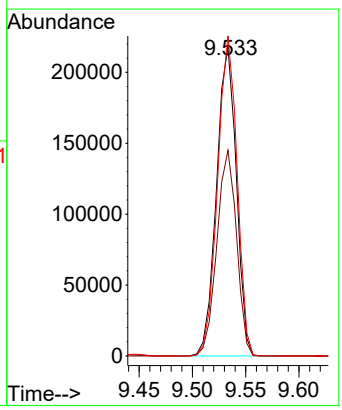
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

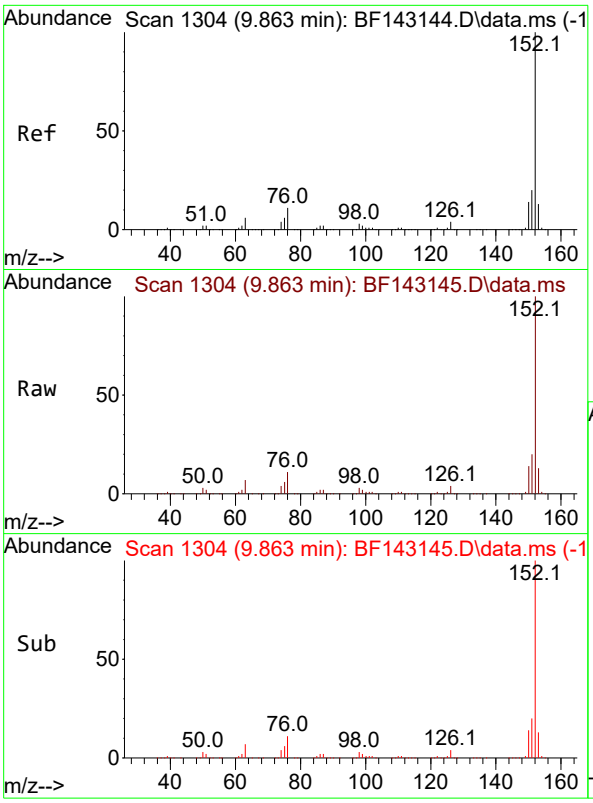


#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082

Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.4	78.6
138	103.5	82.3	123.5

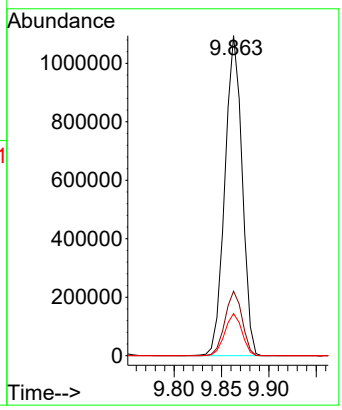




#49
Acenaphthylene
Concen: 50.605 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:152 Resp: 138872

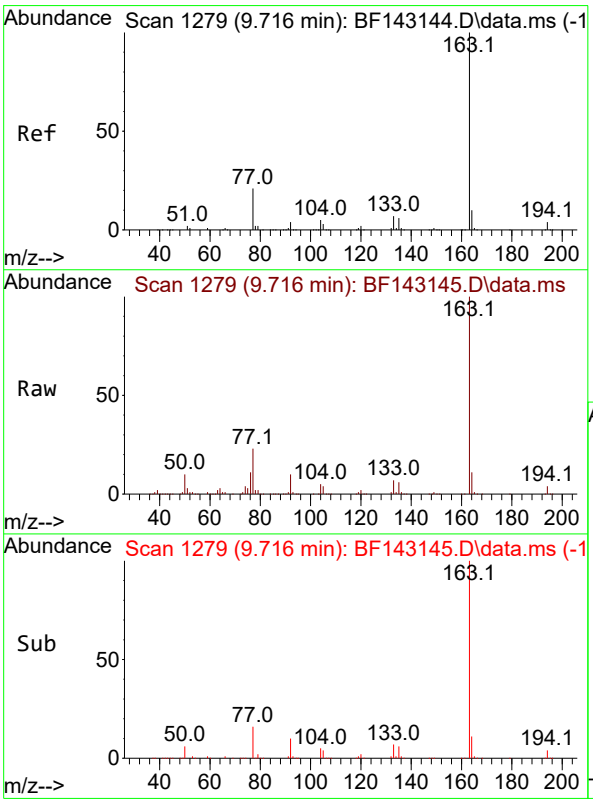
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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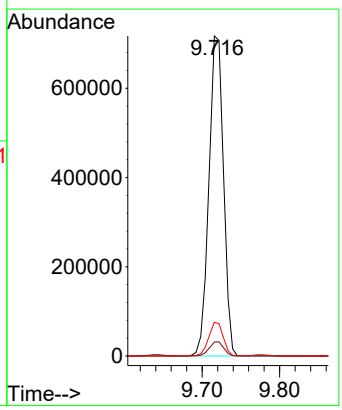
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

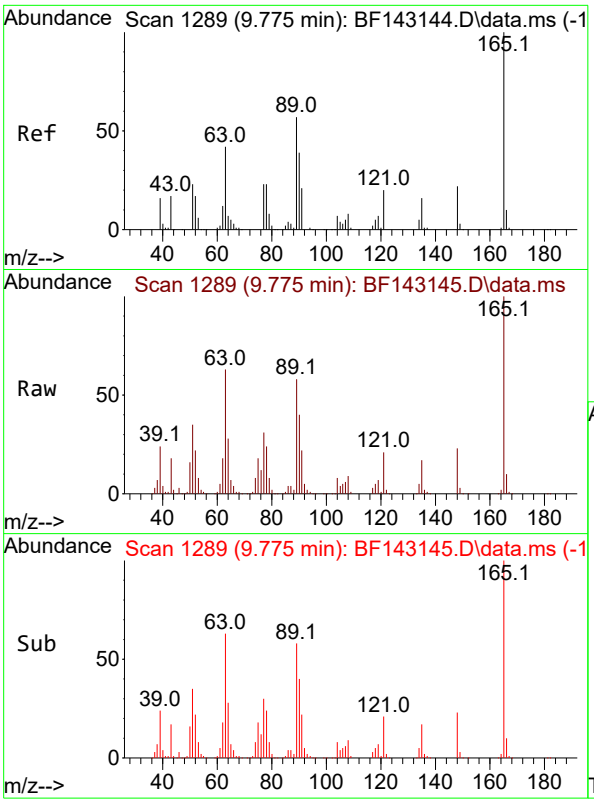


#50
Dimethylphthalate
Concen: 50.832 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:163 Resp: 939863

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

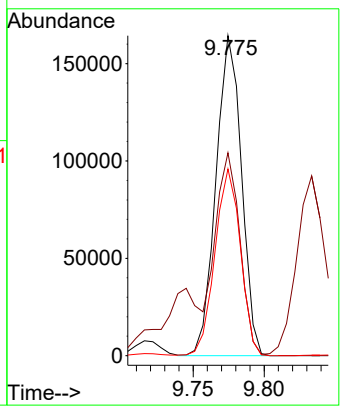
Tgt Ion:165 Resp: 20514

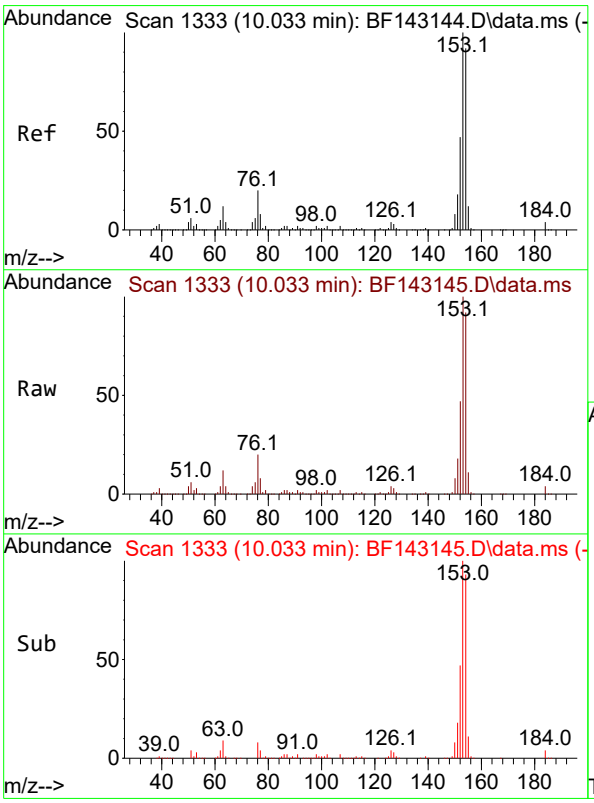
Ion	Ratio	Lower	Upper
165	100		
63	63.4	49.4	74.2
89	58.4	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

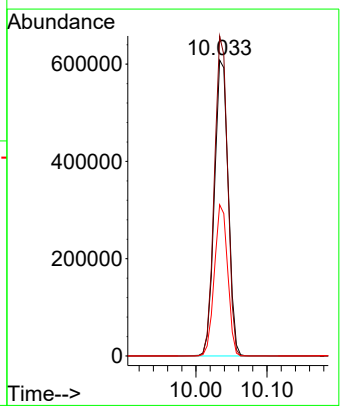


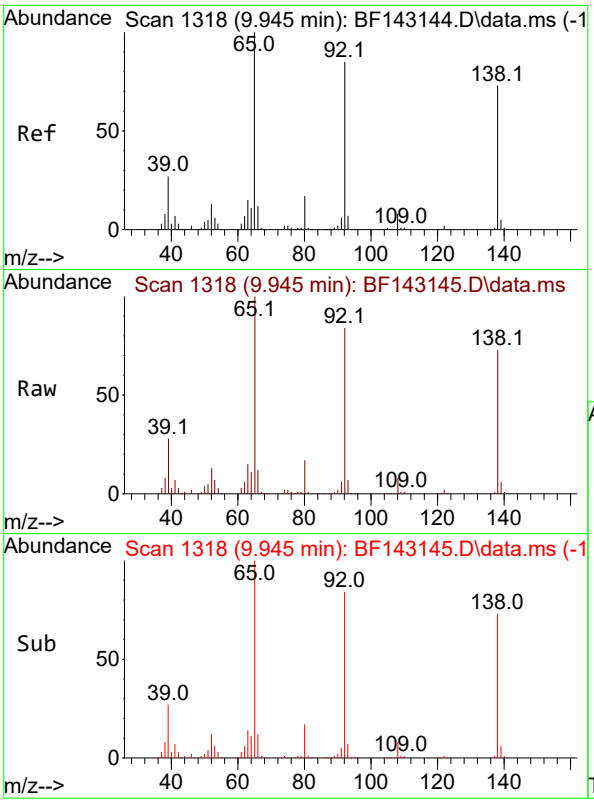


#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 818783

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	51.1	40.4	60.6





#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

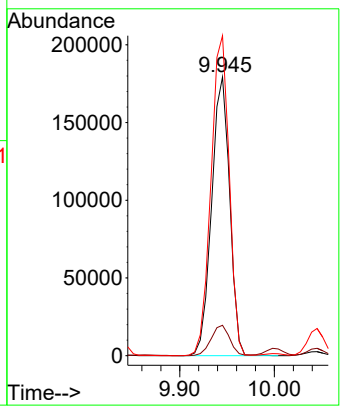
Tgt Ion:138 Resp: 23695

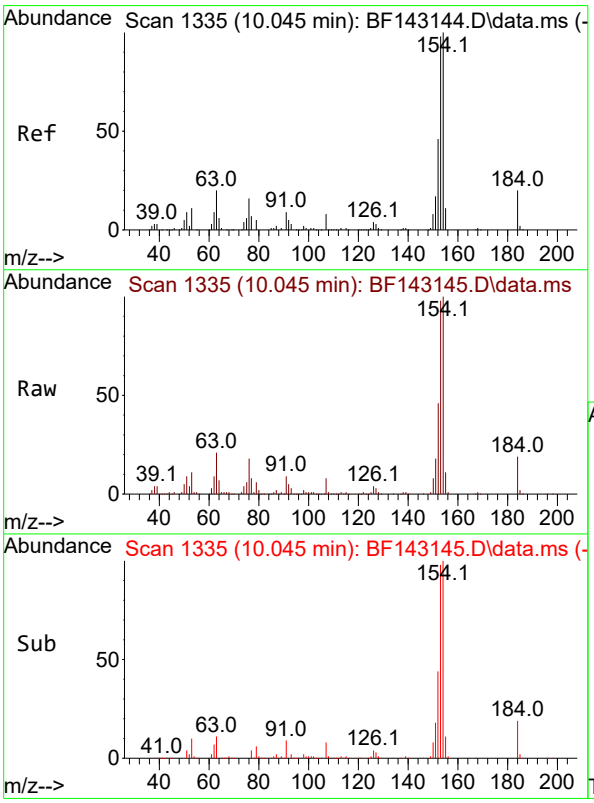
Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.8	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

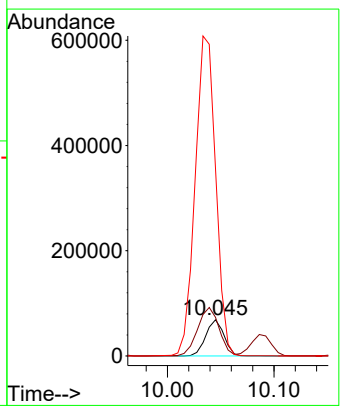


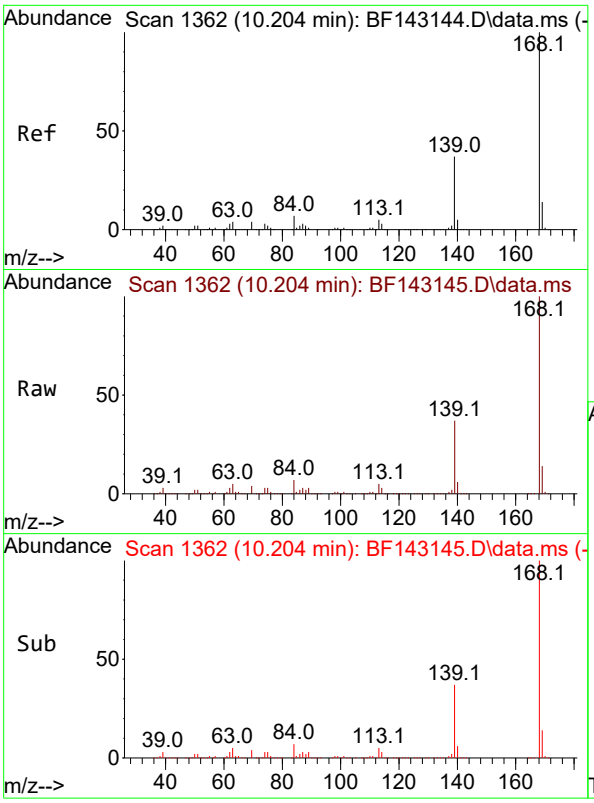


#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 81983

Ion	Ratio	Lower	Upper
184	100		
63	106.9	81.8	122.6
154	519.2	412.2	618.4

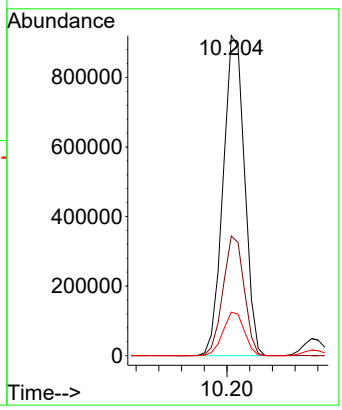




#55
Dibenzofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:168 Resp: 120408

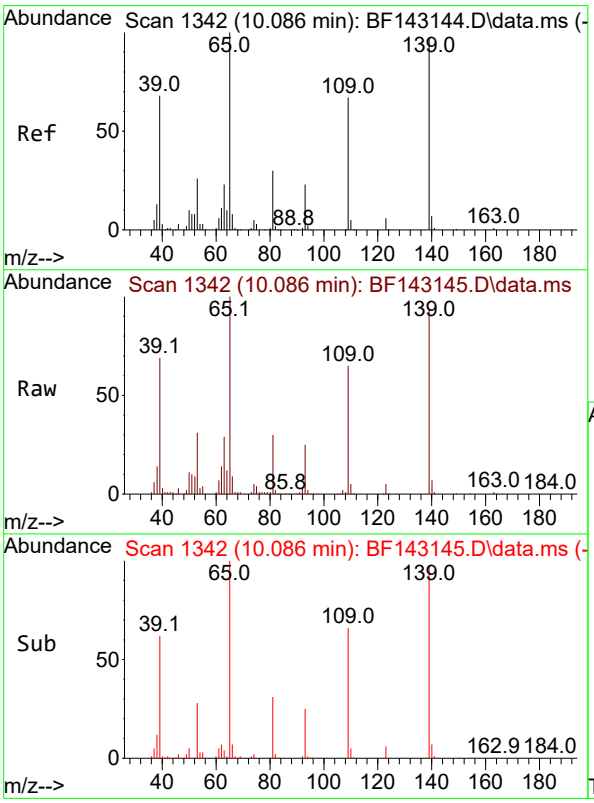
Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.6	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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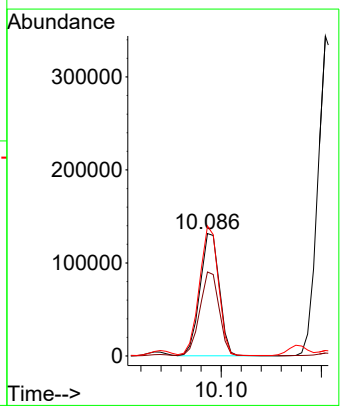
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

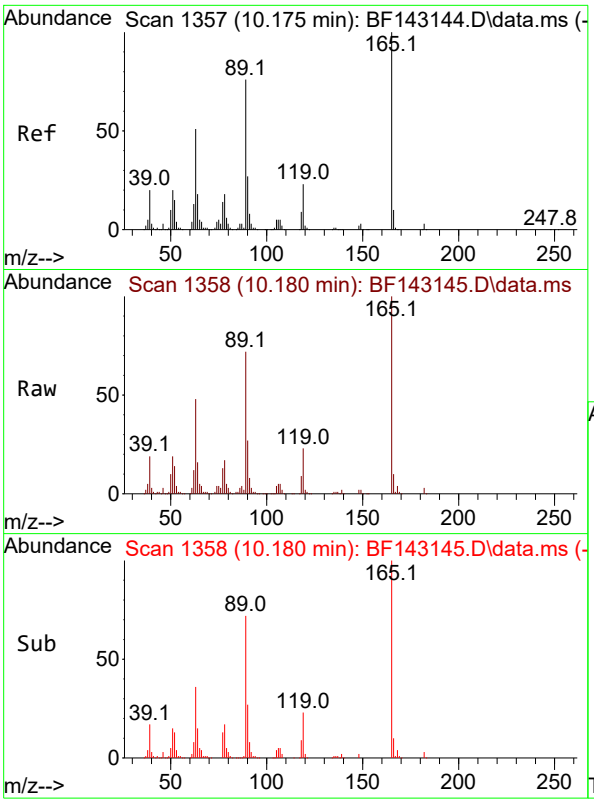


#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 177408

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	106.2	83.4	123.4

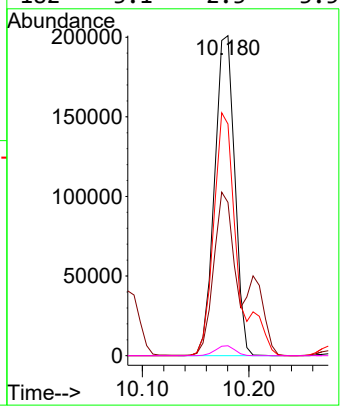




#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:165 Resp: 26404

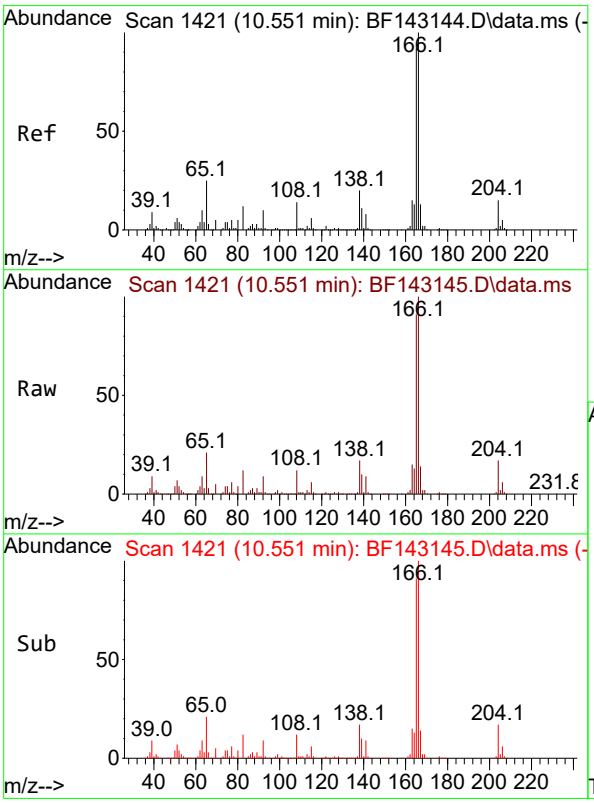
Ion	Ratio	Lower	Upper
165	100		
63	47.9	41.0	61.4
89	72.4	61.1	91.7
182	3.1	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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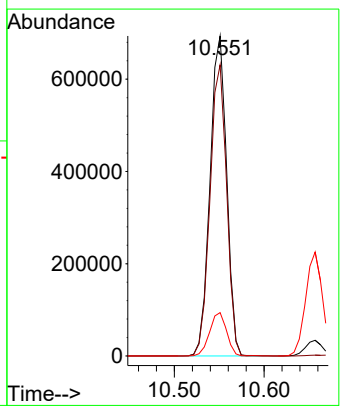
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

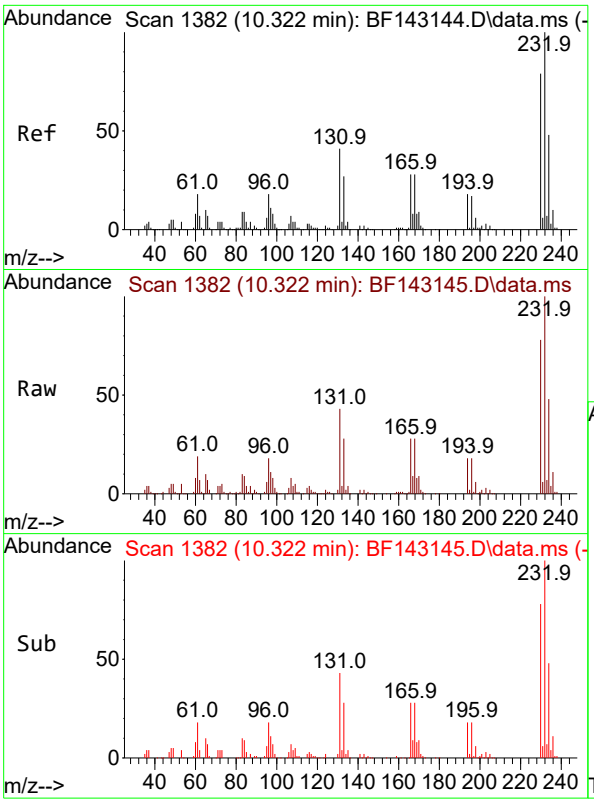


#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:166 Resp: 891646

Ion	Ratio	Lower	Upper
166	100		
165	91.0	73.7	110.5
167	13.6	10.6	16.0

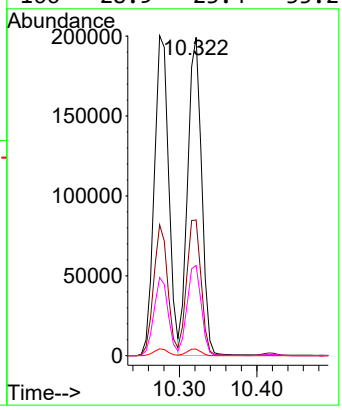




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:232 Resp: 24874

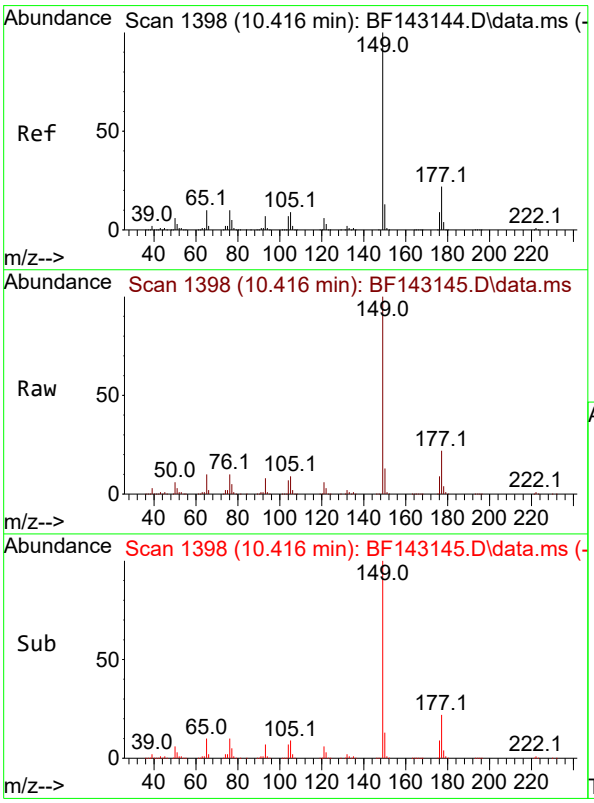
Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	28.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

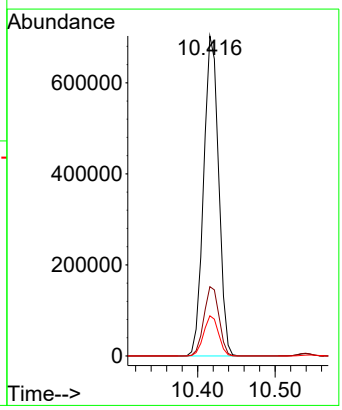
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

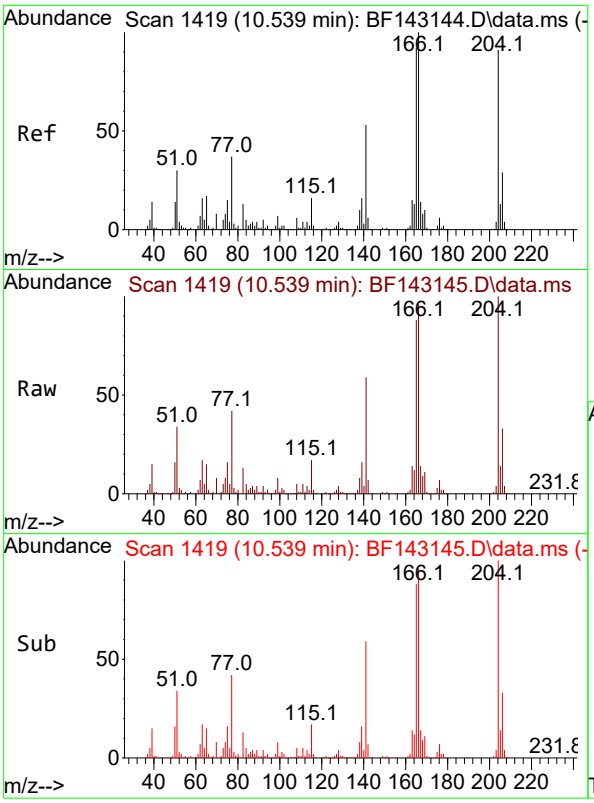


#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 942625

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.6	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

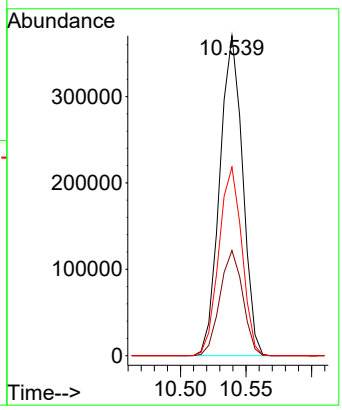
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

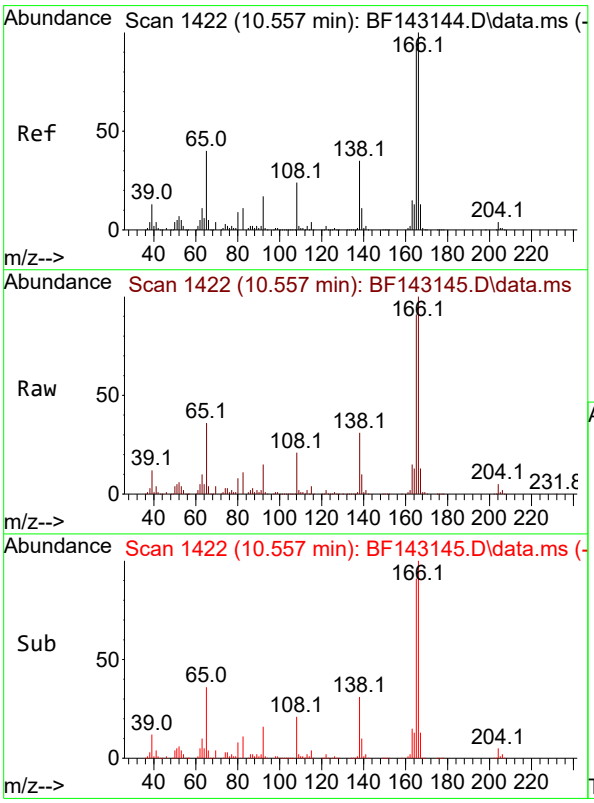
Tgt Ion:204 Resp: 44916

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	58.9	47.0	70.4

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Reviewed By :Rahul Chavli 07/18/2025
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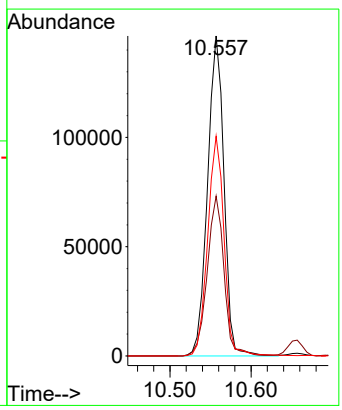


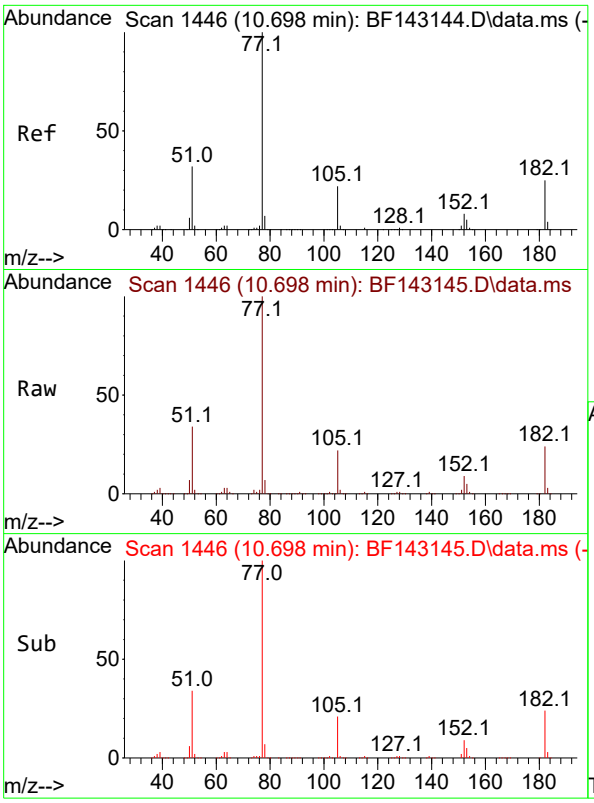


#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 205210

Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.3	69.3
108	68.7	48.3	88.3

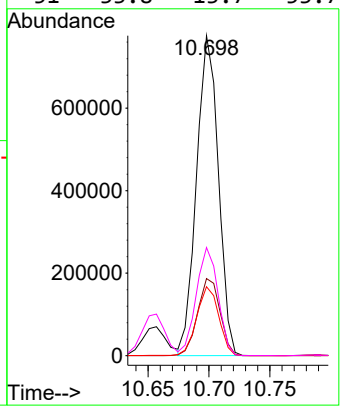




#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 96693

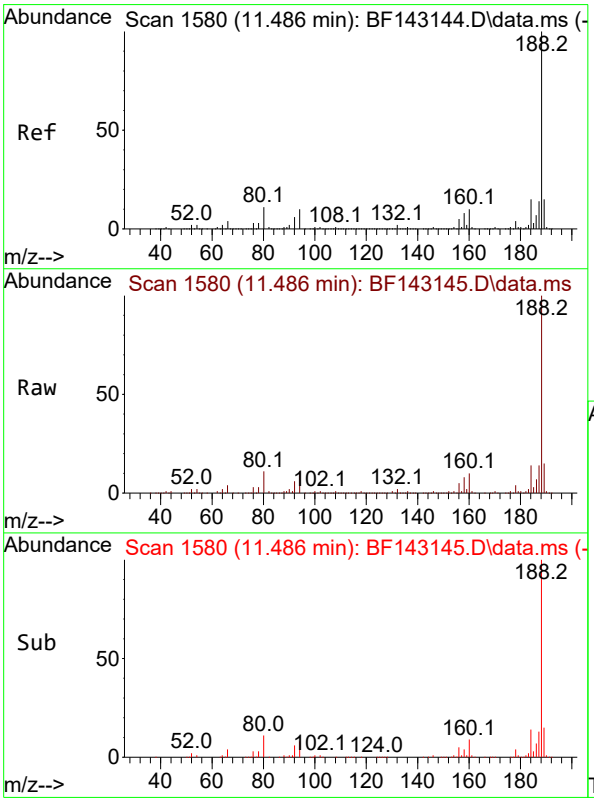
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.6	44.6
105	21.6	1.4	41.4
51	33.8	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

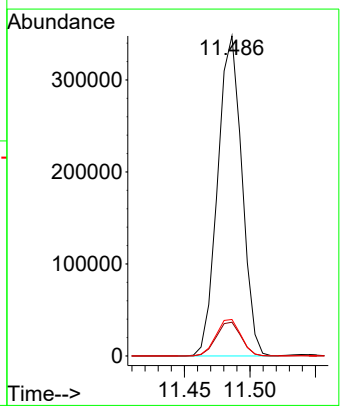
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

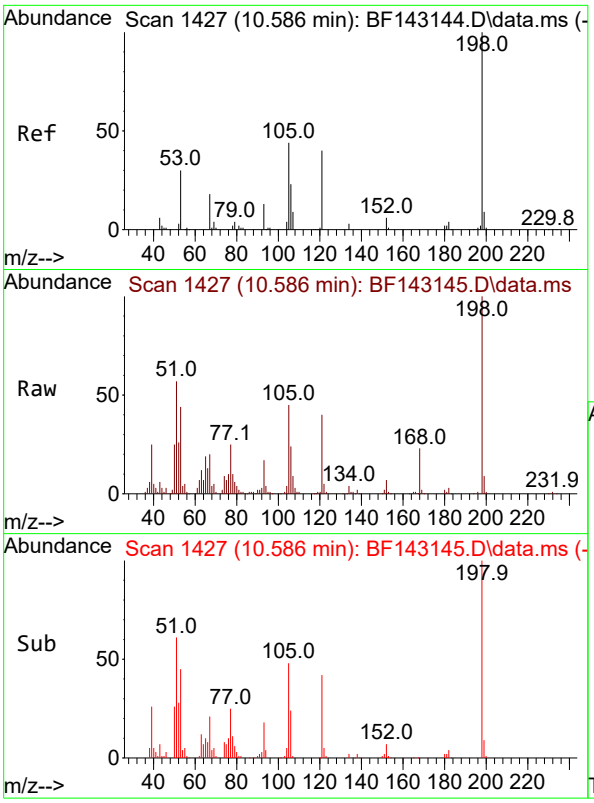


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:188 Resp: 447089

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.4	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

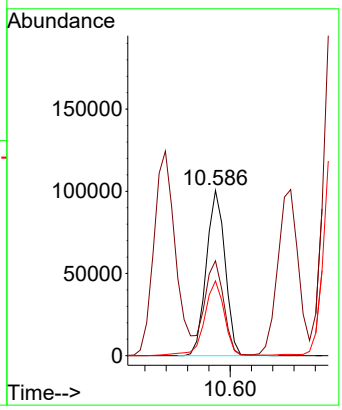
Tgt Ion:198 Resp: 12287

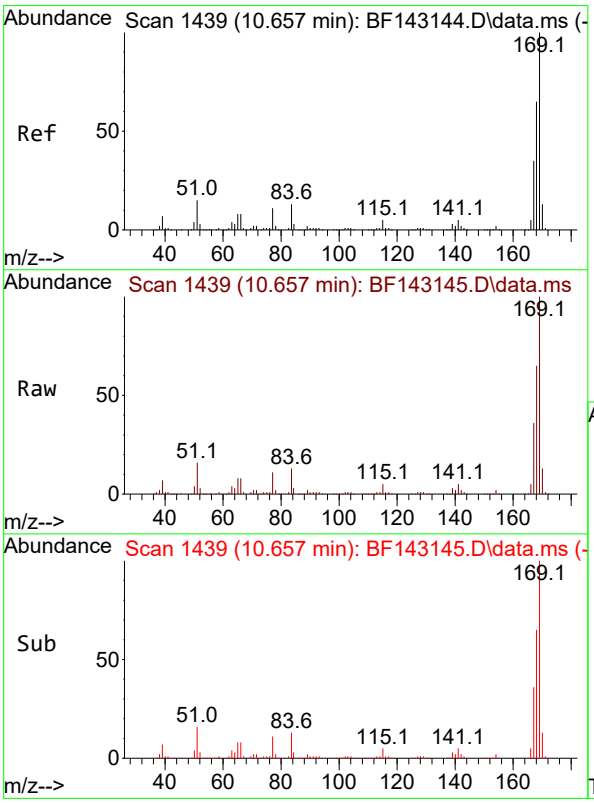
Ion	Ratio	Lower	Upper
198	100		
51	57.3	37.2	77.2
105	45.1	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

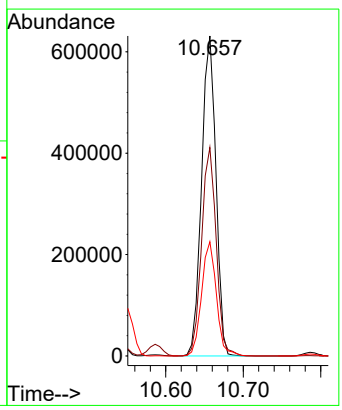


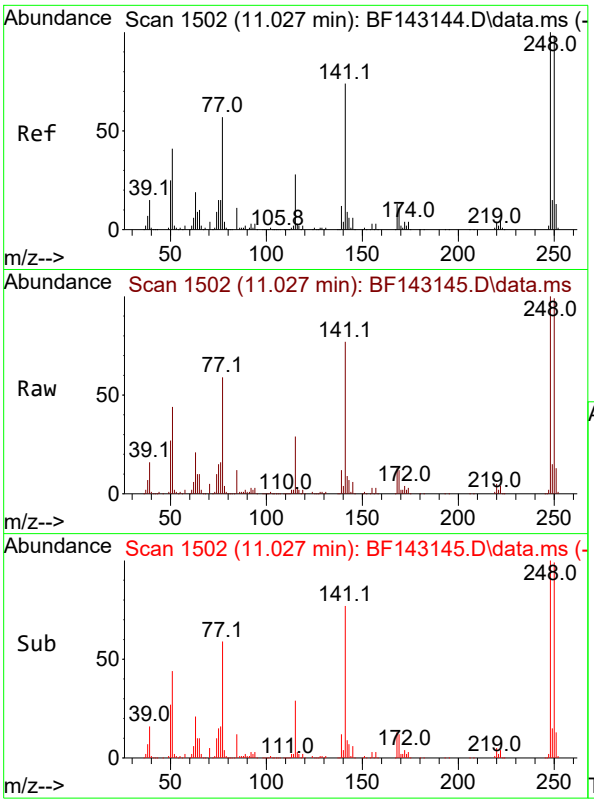


#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:169 Resp: 811422

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.7	28.2	42.2

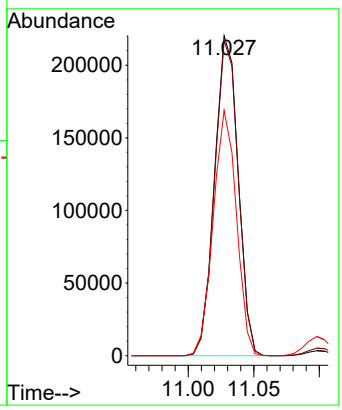




#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:248 Resp: 27567

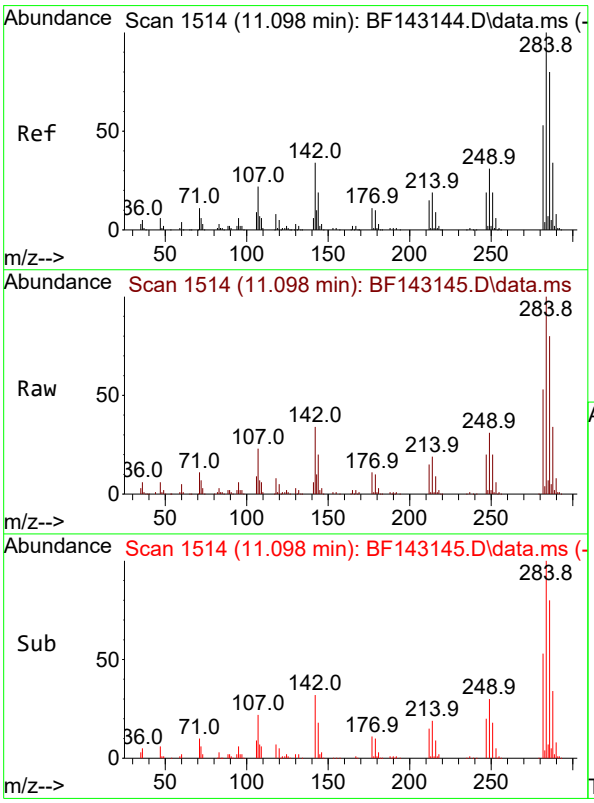
Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.3	117.5
141	76.6	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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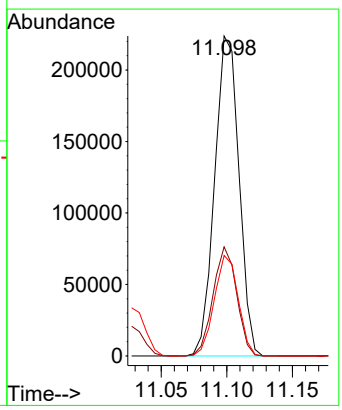
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

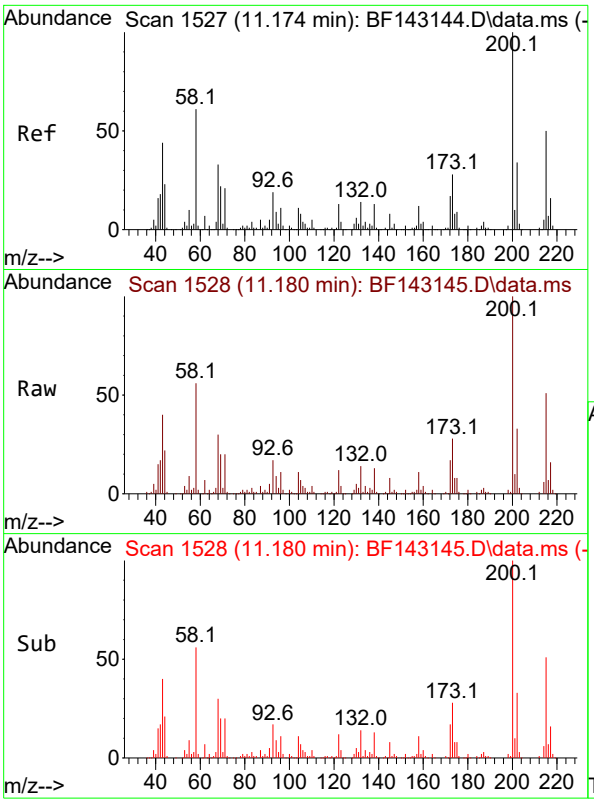


#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:284 Resp: 288405

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.0	40.6
249	31.4	25.0	37.6

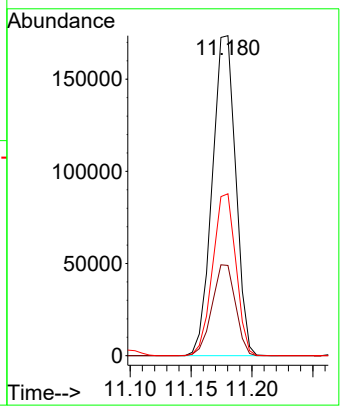




#69
Atrazine
Concen: 53.662 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:200 Resp: 23290

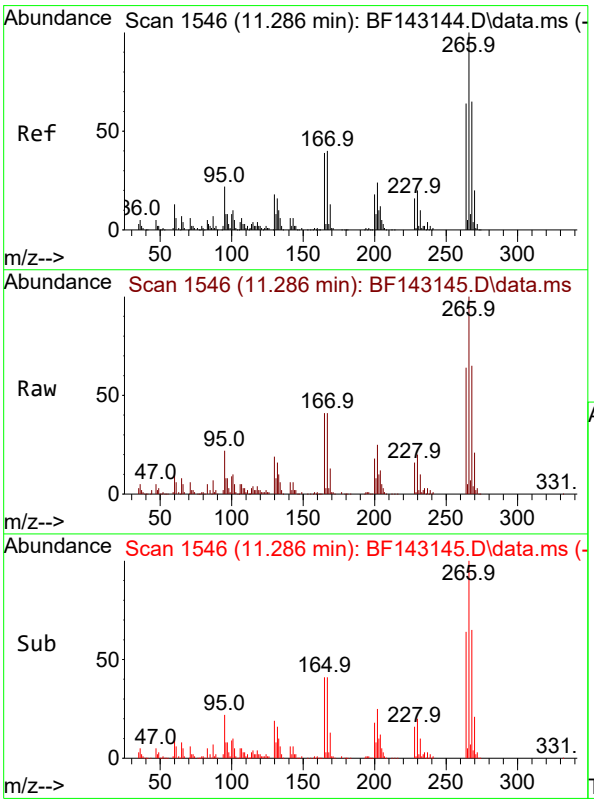
Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.9	47.9
215	50.6	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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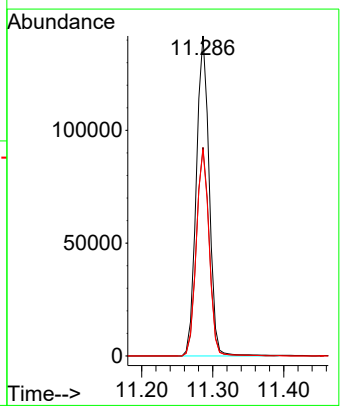
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

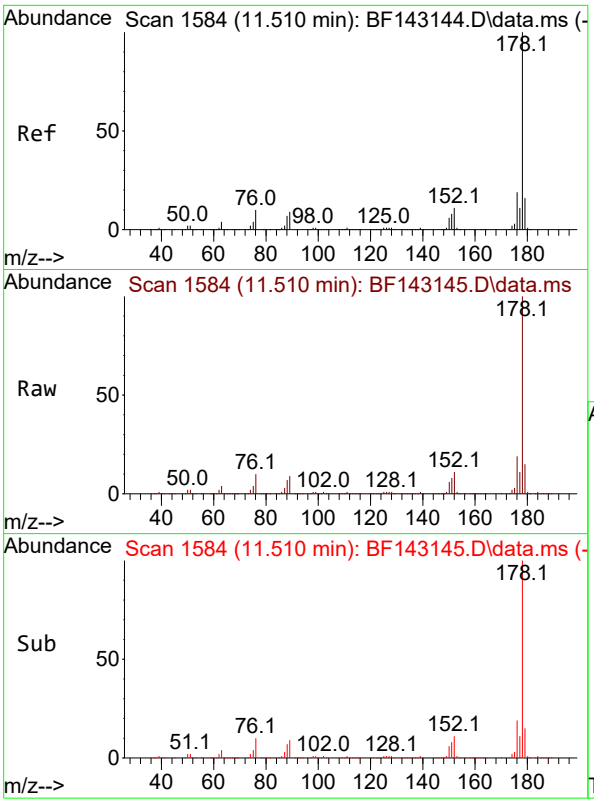


#70
Pentachlorophenol
Concen: 54.581 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:266 Resp: 178753

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.9	77.9
264	64.5	51.0	76.6





#71
Phenanthrene
Concen: 50.321 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

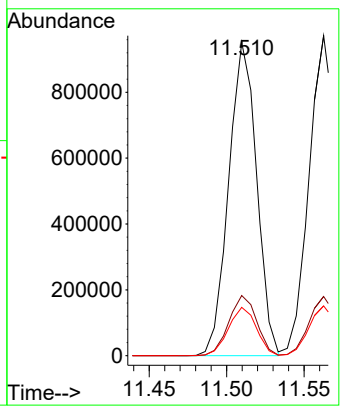
Tgt Ion:178 Resp: 119458

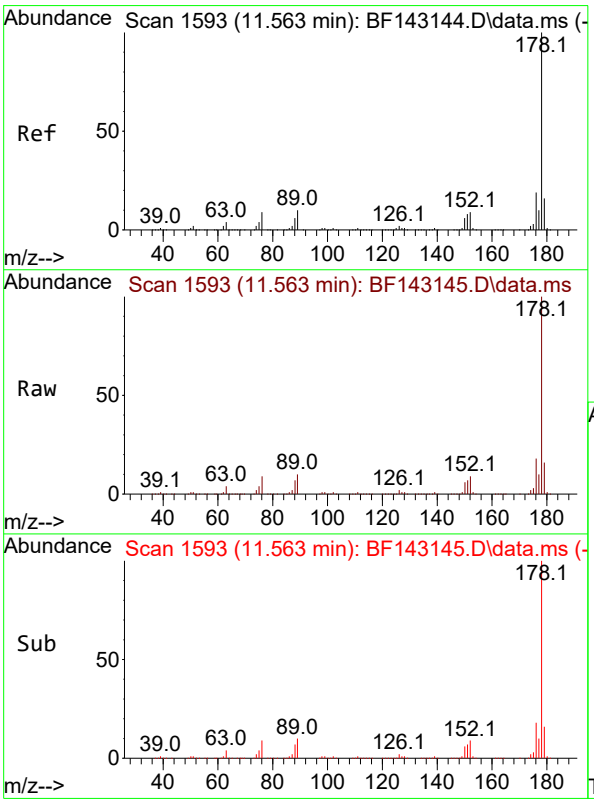
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.5	18.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

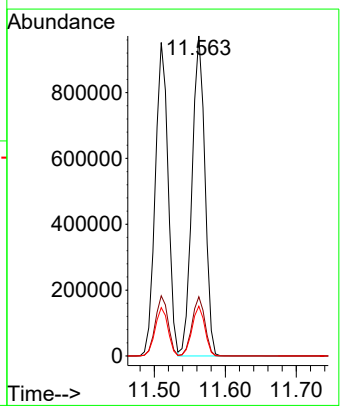


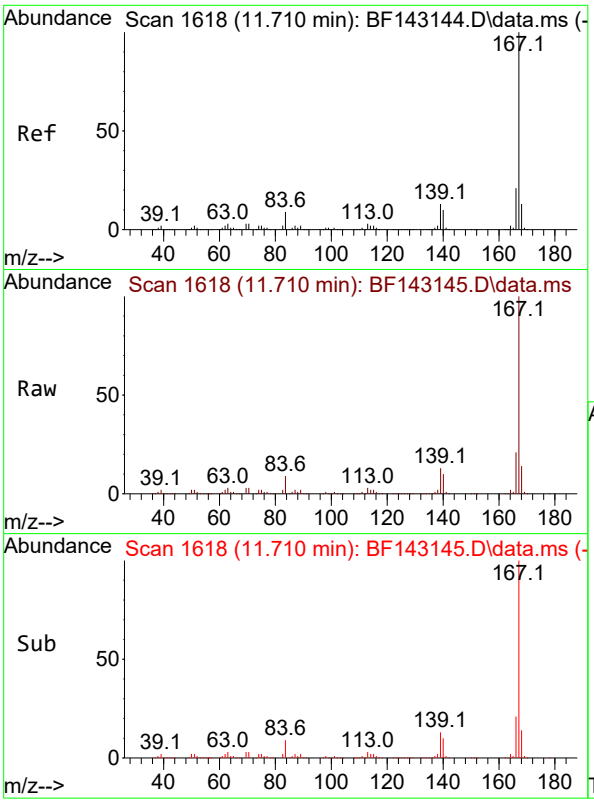


#72
Anthracene
Concen: 50.552 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 1223920

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.5	18.7

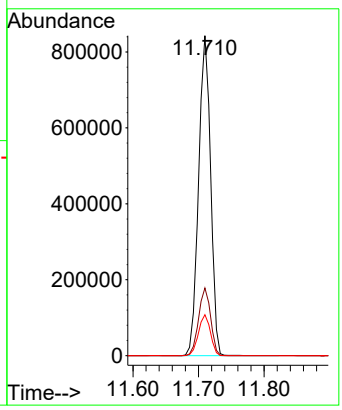




#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:167 Resp: 107680

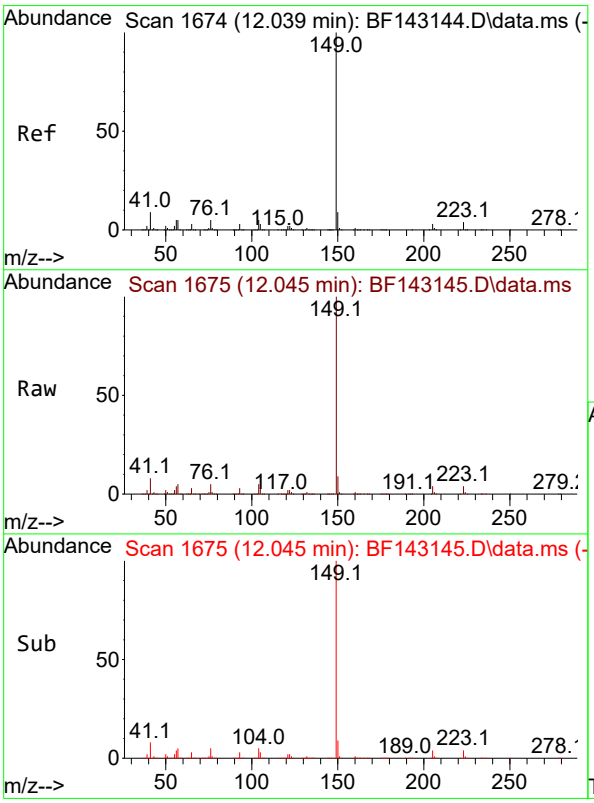
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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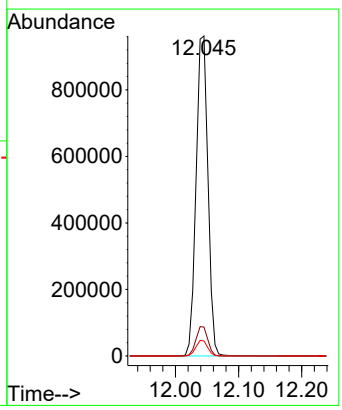
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

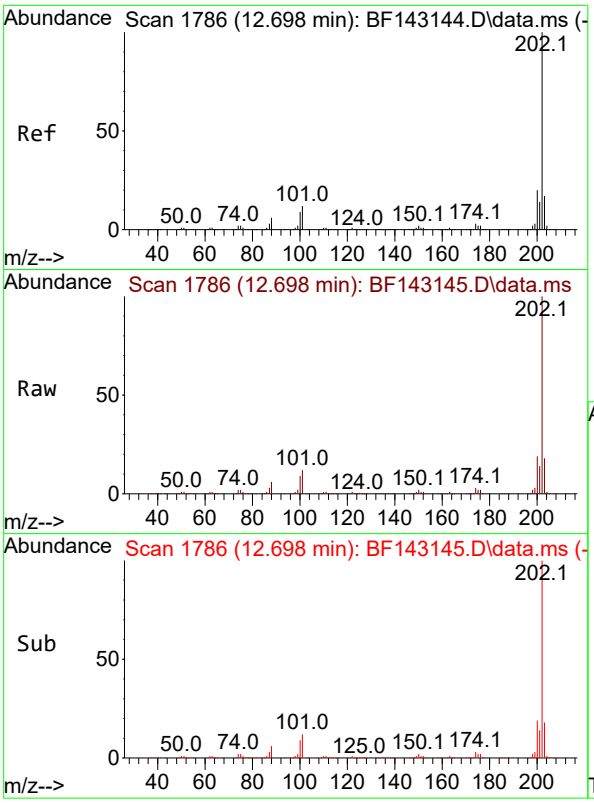


#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 1250841

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.7	3.8	5.8

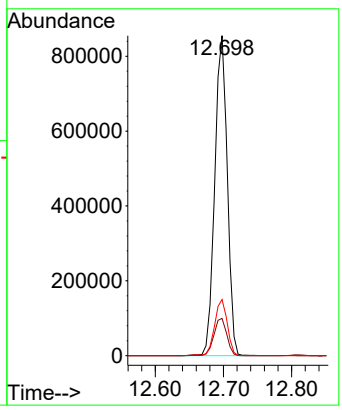




#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 109389

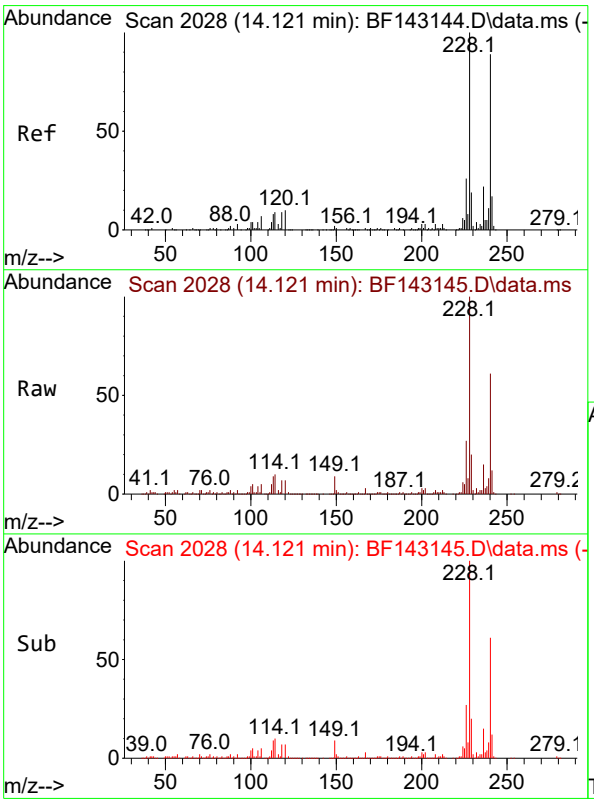
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.6	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

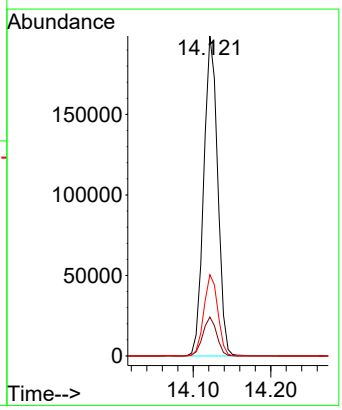
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

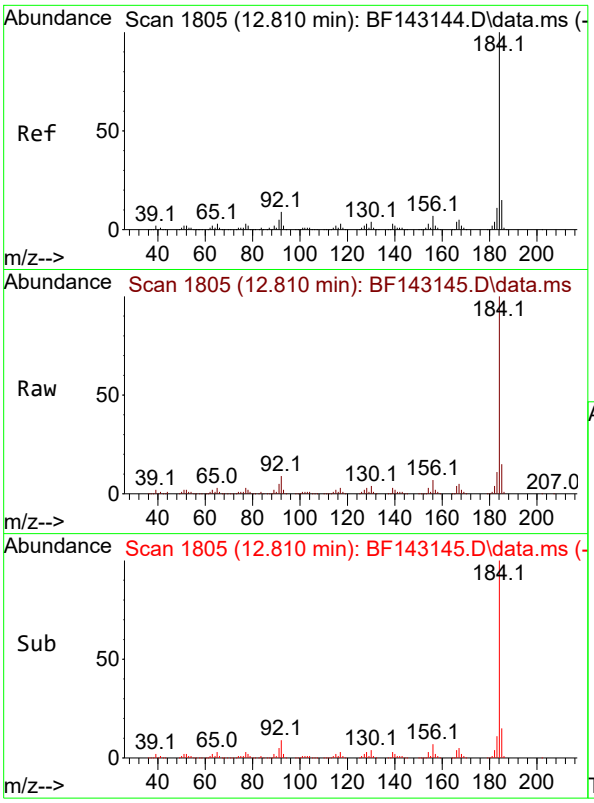


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:240 Resp: 247878

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	25.4	20.2	30.4

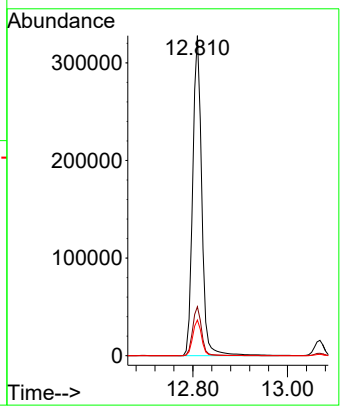




#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 43194

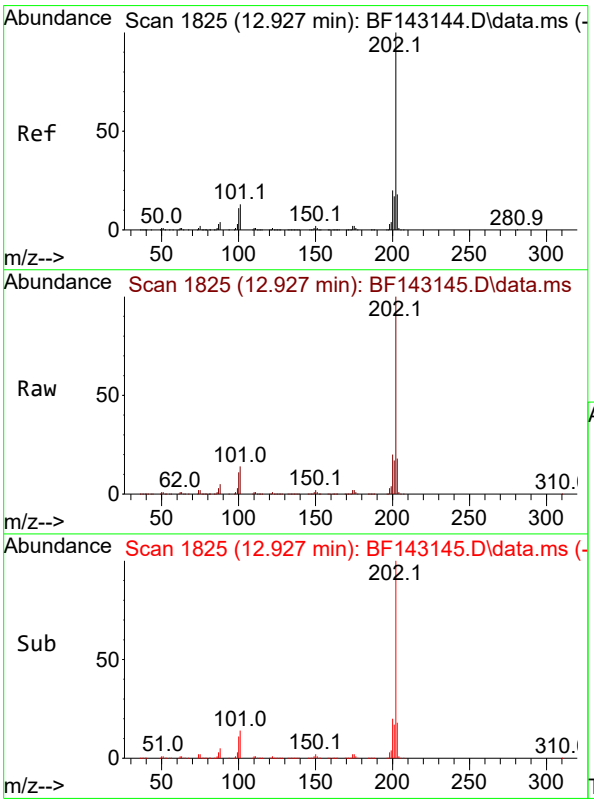
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

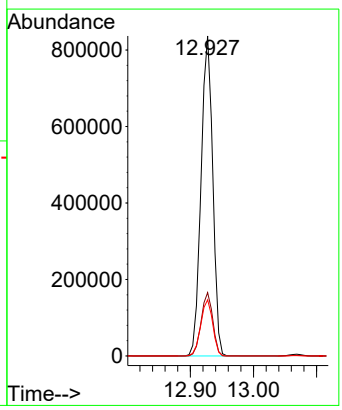
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

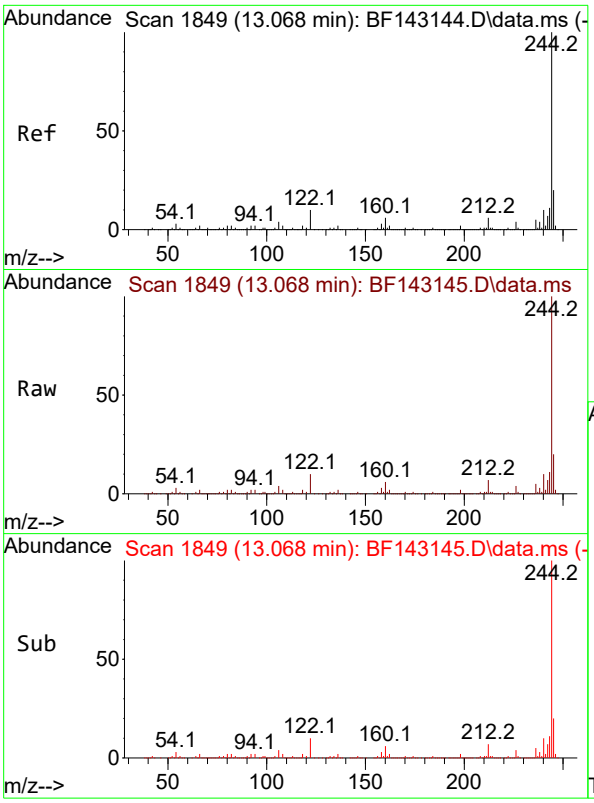


#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	14.2	21.2

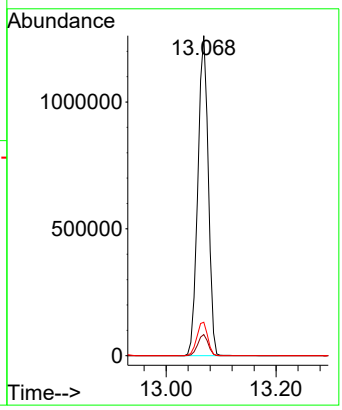




#79
Terphenyl-d14
Concen: 99.838 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:244 Resp: 166303

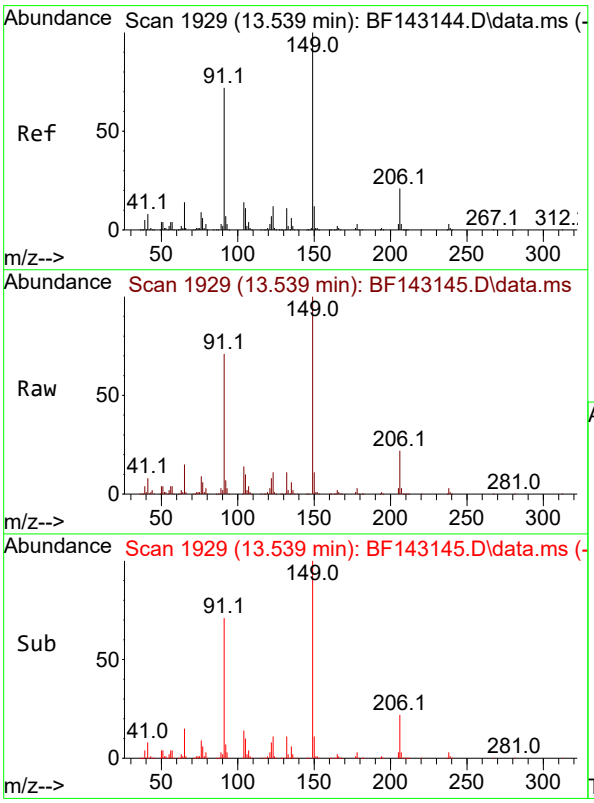
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

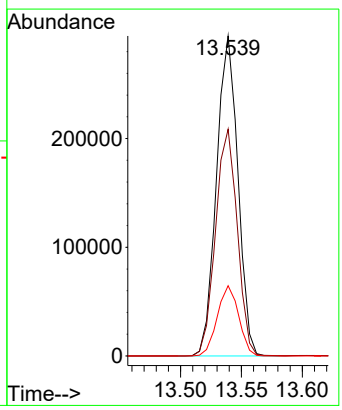
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

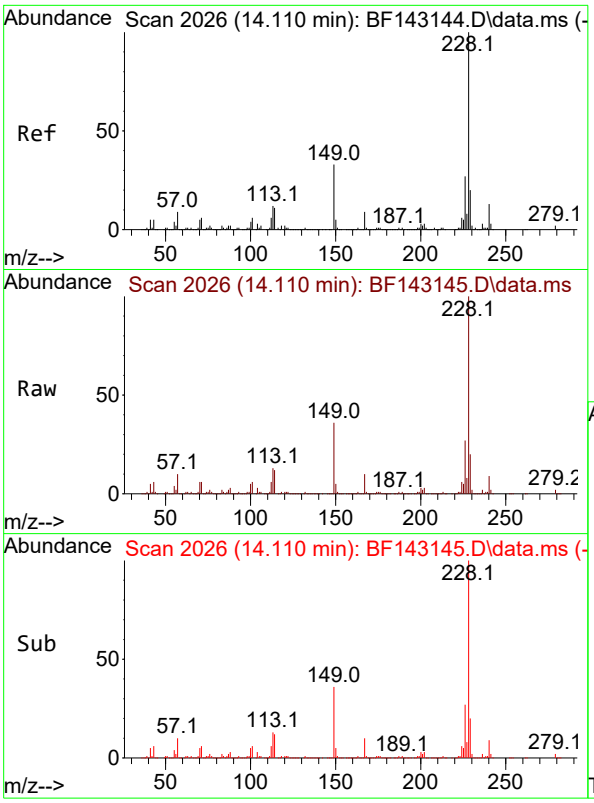


#80
Butylbenzylphthalate
Concen: 55.681 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 360698

Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.9	86.9
206	22.0	17.0	25.4

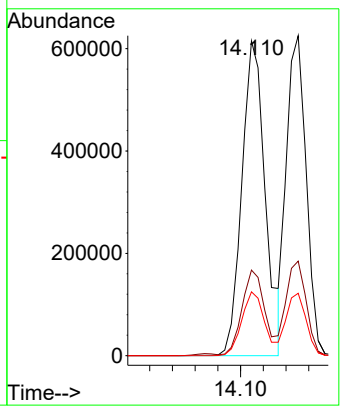




#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:228 Resp: 88097

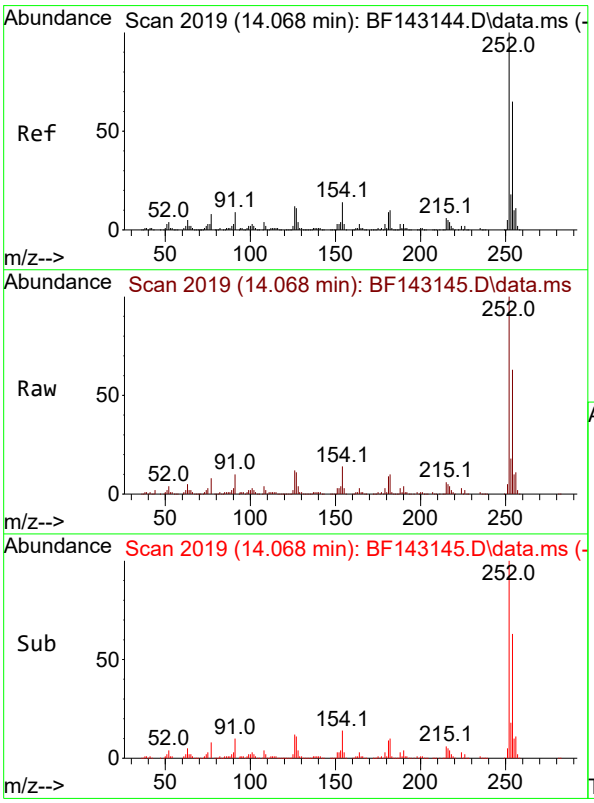
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

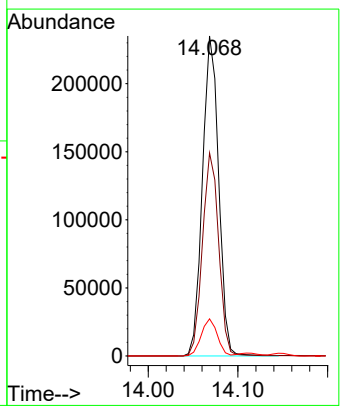
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

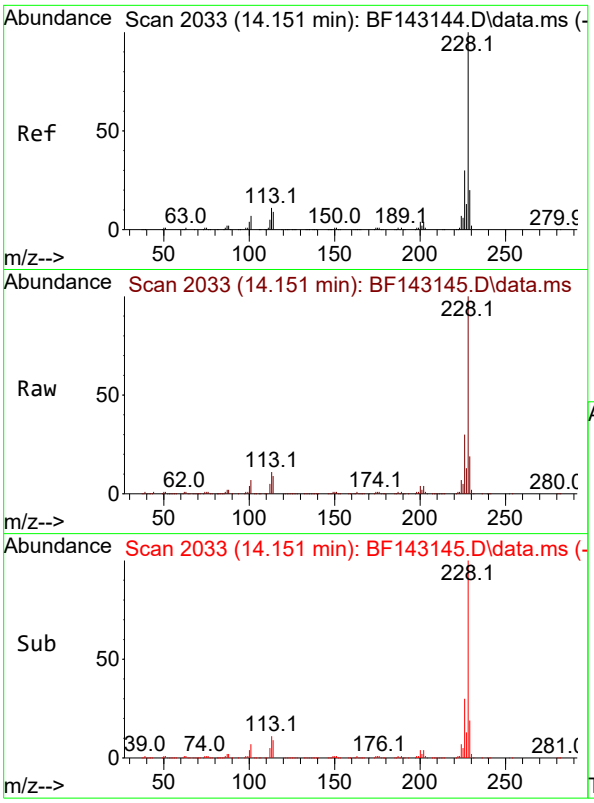


#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 294836

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.7	77.5
126	11.6	9.4	14.0

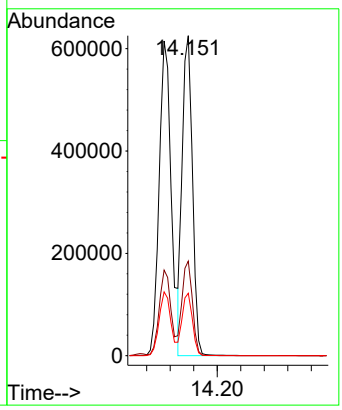




#83
Chrysene
Concen: 50.597 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:228 Resp: 75495

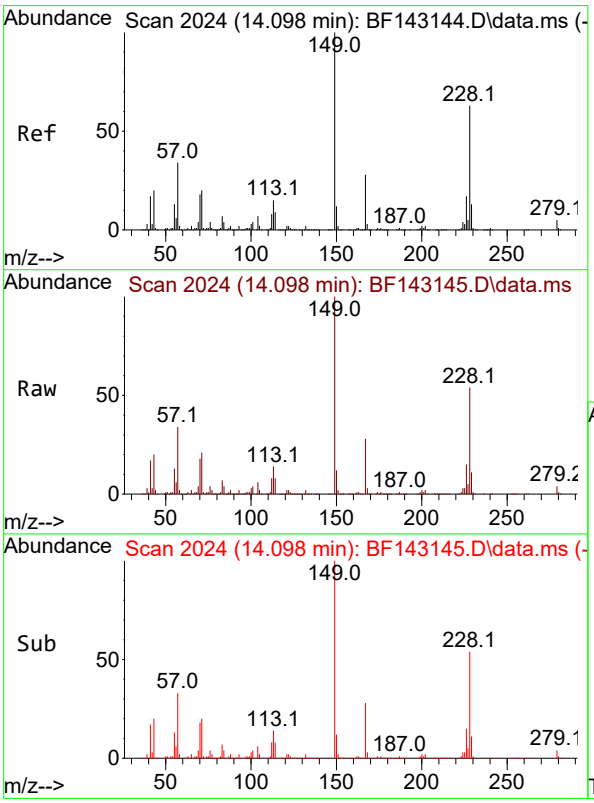
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.5	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

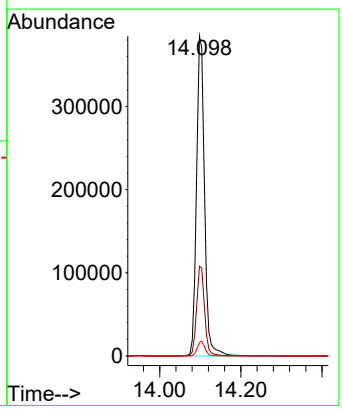
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

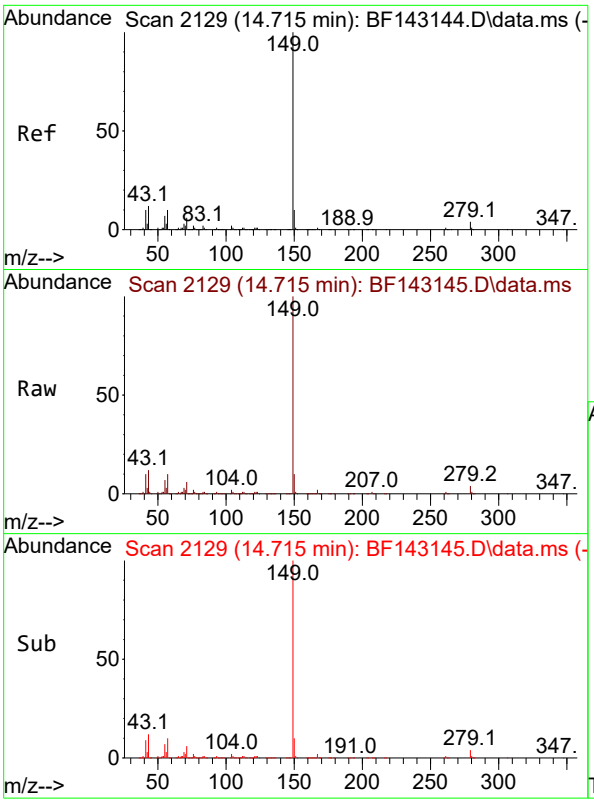


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.475 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 534128

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.3	3.6	5.4

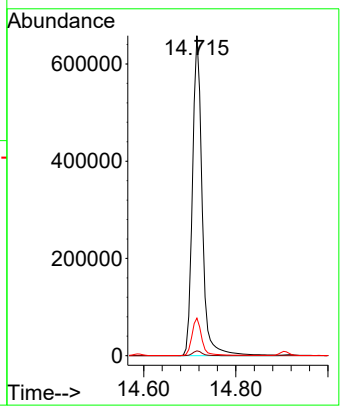




#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 960309

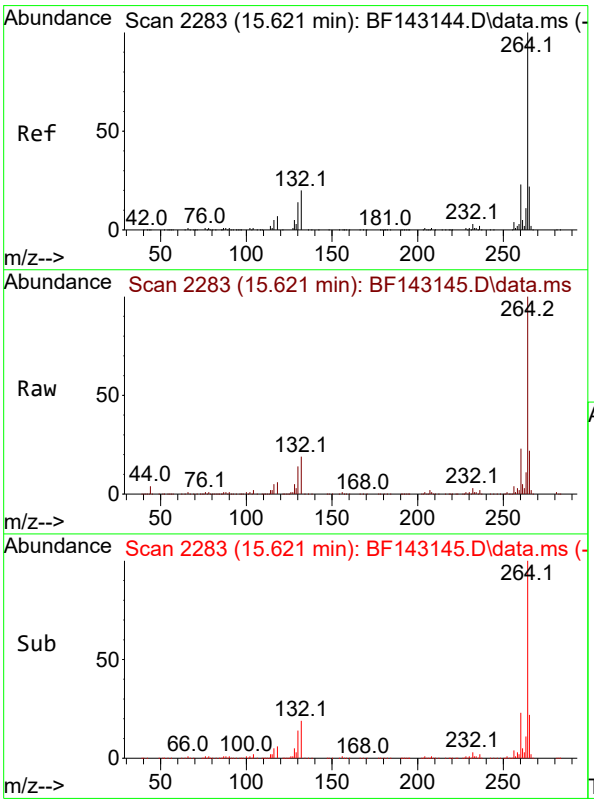
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.9	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

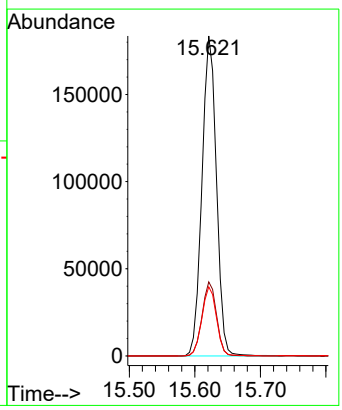
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

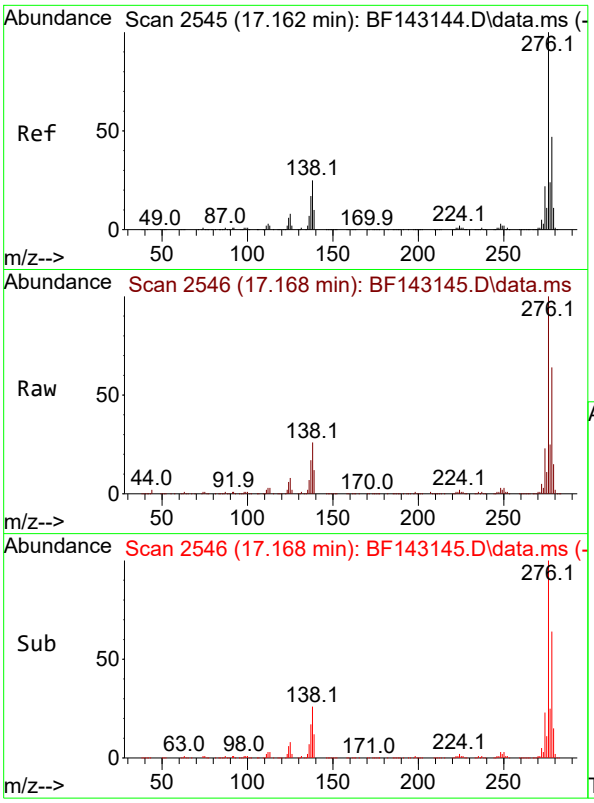


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.6	17.4	26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

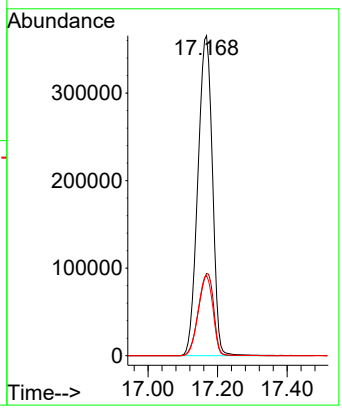
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

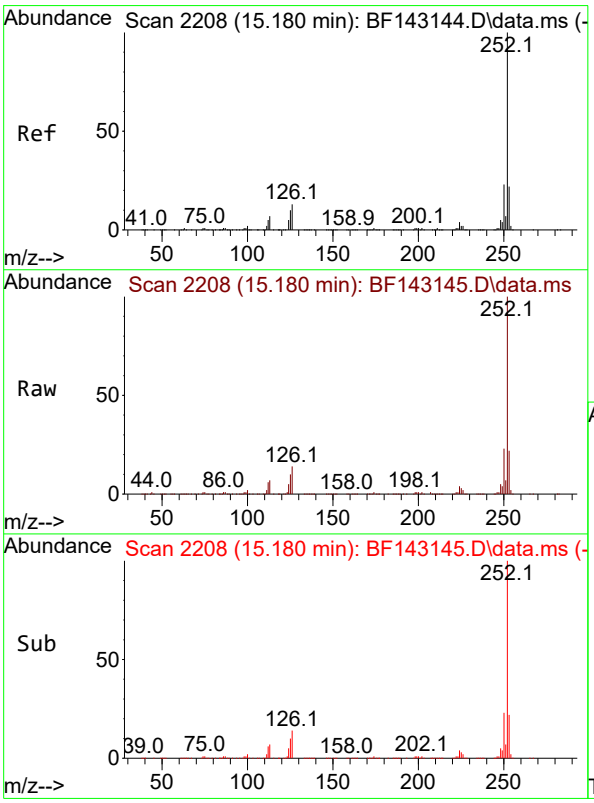
Tgt Ion:276 Resp: 106187

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.4	20.0	30.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

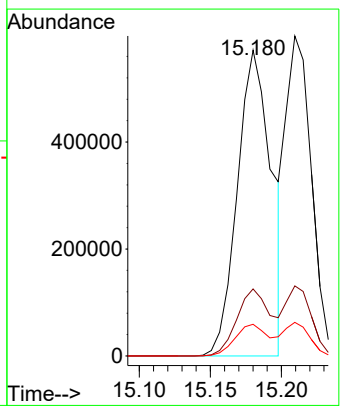


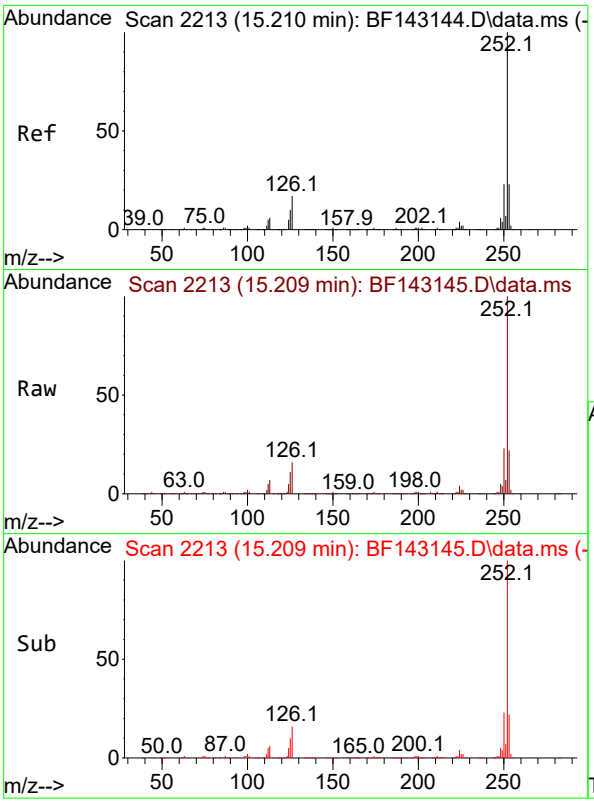


#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 953990

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	8.0	12.0

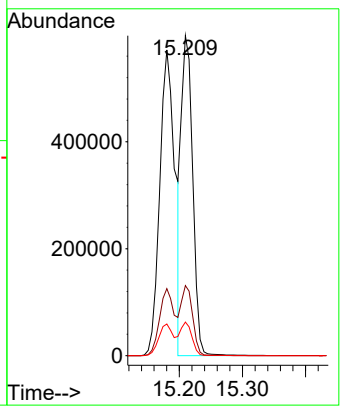




#89
Benzo(k)fluoranthene
Concen: 49.024 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 75441

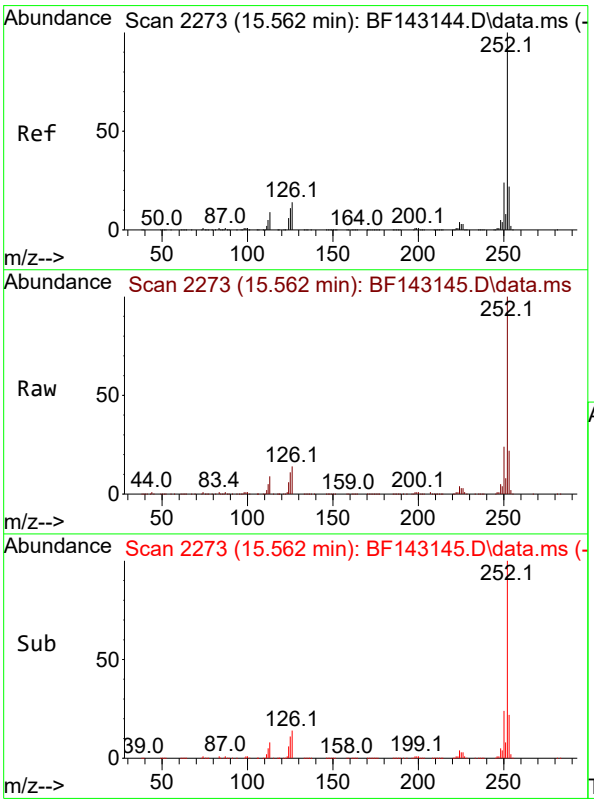
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

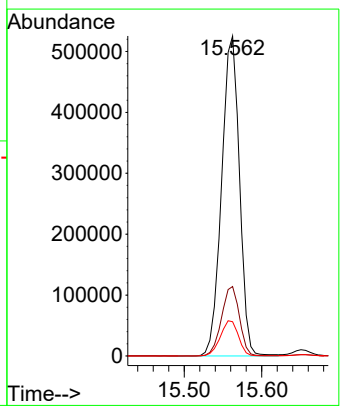
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

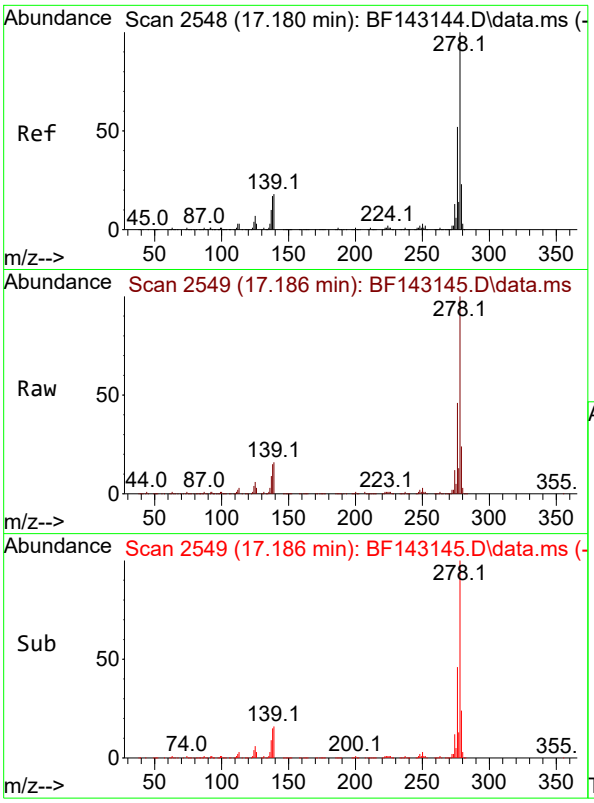


#90
Benzo(a)pyrene
Concen: 52.928 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 840968

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.7	8.6	13.0

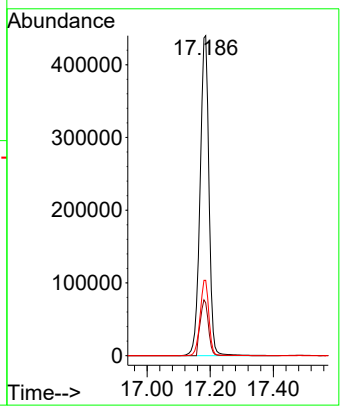




#91
Dibenzo(a,h)anthracene
Concen: 53.172 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:278 Resp: 86146

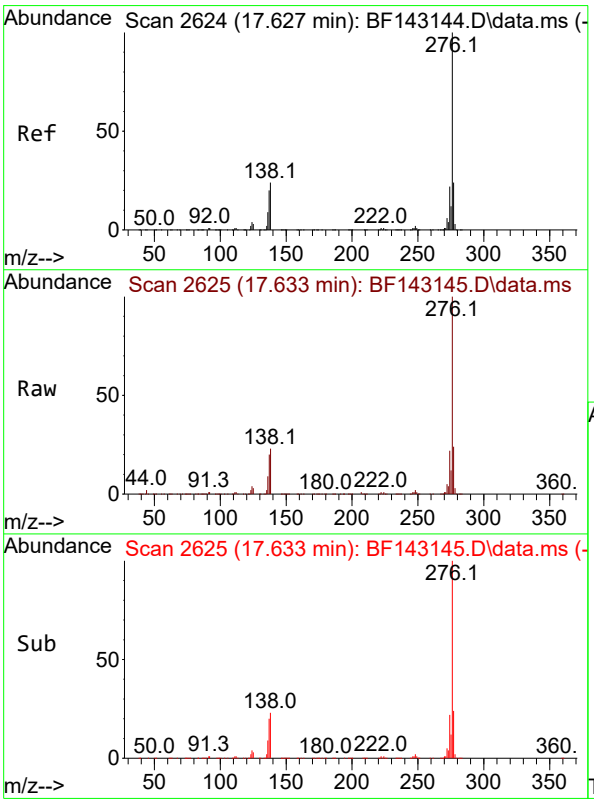
Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.1	21.1
279	23.5	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

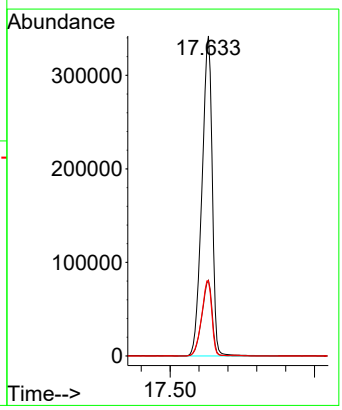
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 53.845 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 843865

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	23.5	18.9	28.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	153150	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	573541	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	286544	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	442888	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264384	20.000	ng	0.00
86) Perylene-d12	15.621	264	315904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1096776	113.327	ng	0.00
7) Phenol-d6	6.587	99	1384010	113.616	ng	0.00
23) Nitrobenzene-d5	7.528	82	1367018	118.809	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	354678	119.817	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2274500	108.558	ng	0.00
79) Terphenyl-d14	13.069	244	1888544	106.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	268511	58.635	ng	99
3) Pyridine	3.581	79	700860	58.965	ng	99
4) n-Nitrosodimethylamine	3.534	42	369452	60.203	ng	99
6) Aniline	6.628	93	982918	57.896	ng	100
8) 2-Chlorophenol	6.751	128	589870	58.147	ng	98
9) Benzaldehyde	6.516	77	515585	56.445	ng	99
10) Phenol	6.604	94	769713m	58.002	ng	
11) bis(2-Chloroethyl)ether	6.698	93	588491	57.918	ng	99
12) 1,3-Dichlorobenzene	6.910	146	625605	56.769	ng	99
13) 1,4-Dichlorobenzene	6.981	146	623375	56.171	ng	98
14) 1,2-Dichlorobenzene	7.140	146	598571	56.708	ng	99
15) Benzyl Alcohol	7.098	79	548155	58.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1076628	57.120	ng	98
17) 2-Methylphenol	7.210	107	498077	58.393	ng	99
18) Hexachloroethane	7.481	117	225488	58.691	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	437750	56.012	ng	100
20) 3+4-Methylphenols	7.363	107	582354	56.273	ng	96
22) Acetophenone	7.375	105	760969	56.041	ng	99
24) Nitrobenzene	7.545	77	641832	59.832	ng	99
25) Isophorone	7.787	82	1202506	59.202	ng	99
26) 2-Nitrophenol	7.857	139	304218	65.345	ng	97
27) 2,4-Dimethylphenol	7.892	122	548823	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	696403	57.184	ng	99
29) 2,4-Dichlorophenol	8.098	162	466809	58.329	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	498478	57.653	ng	99
31) Naphthalene	8.269	128	1575696	55.784	ng	99
32) Benzoic acid	8.010	122	321703	58.961	ng	99
33) 4-Chloroaniline	8.310	127	659467	57.178	ng	99
34) Hexachlorobutadiene	8.392	225	307552	58.230	ng	99
35) Caprolactam	8.692	113	145894	60.327	ng	100
36) 4-Chloro-3-methylphenol	8.787	107	506142	58.186	ng	99
37) 2-Methylnaphthalene	8.957	142	966031	56.203	ng	99
38) 1-Methylnaphthalene	9.057	142	997009	56.329	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	479450	57.955	ng	99
41) Hexachlorocyclopentadiene	9.116	237	337833	62.761	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	344941	60.246	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	339656	59.305	ng	99
46) 1,1'-Biphenyl	9.422	154	1265588	56.610	ng	100
47) 2-Chloronaphthalene	9.451	162	948912	57.364	ng	100
48) 2-Nitroaniline	9.534	65	331501	63.904	ng	99
49) Acenaphthylene	9.863	152	1576240	56.860	ng	100
50) Dimethylphthalate	9.722	163	1075052	57.558	ng	100
51) 2,6-Dinitrotoluene	9.775	165	238103	62.665	ng	97
52) Acenaphthene	10.039	154	930883	56.814	ng	98
53) 3-Nitroaniline	9.945	138	273506	61.542	ng	100
54) 2,4-Dinitrophenol	10.045	184	101491	60.690	ng	72
55) Dibenzofuran	10.210	168	1364531	56.093	ng	100
56) 4-Nitrophenol	10.092	139	203477	61.312	ng	99
57) 2,4-Dinitrotoluene	10.181	165	304460	63.868	ng	97
58) Fluorene	10.551	166	997710	54.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	283124	59.678	ng	99
60) Diethylphthalate	10.422	149	1057851	57.301	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	516980	56.867	ng	99
62) 4-Nitroaniline	10.563	138	232488	61.037	ng	98
63) Azobenzene	10.698	77	1098772	57.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	144751	60.728	ng	98
66) n-Nitrosodiphenylamine	10.657	169	910468	58.380	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	318085	60.266	ng	99
68) Hexachlorobenzene	11.104	284	325779	59.054	ng	96
69) Atrazine	11.181	200	262374	61.024	ng	100
70) Pentachlorophenol	11.286	266	206417	63.625	ng	98
71) Phenanthrene	11.510	178	1331485	56.620	ng	100
72) Anthracene	11.563	178	1379601	57.522	ng	100
73) Carbazole	11.710	167	1194026	57.015	ng	100
74) Di-n-butylphthalate	12.045	149	1392335	58.757	ng	100
75) Fluoranthene	12.698	202	1232952	57.122	ng	99
77) Benzidine	12.810	184	476553	46.785	ng	100
78) Pyrene	12.927	202	1207978	53.536	ng	99
80) Butylbenzylphthalate	13.539	149	441334	63.875	ng	99
81) Benzo(a)anthracene	14.110	228	1041236	58.825	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	348979	59.155	ng	100
83) Chrysene	14.151	228	930545	58.472	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	655482	62.678	ng	100
85) Di-n-octyl phthalate	14.716	149	1196044	63.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1337361	60.037	ng	99
88) Benzo(b)fluoranthene	15.180	252	1125667	58.328	ng	100
89) Benzo(k)fluoranthene	15.216	252	1023132	59.411	ng	99
90) Benzo(a)pyrene	15.563	252	1062049	59.730	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1080768	59.610	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1055168	60.163	ng	99

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

ICAL Form

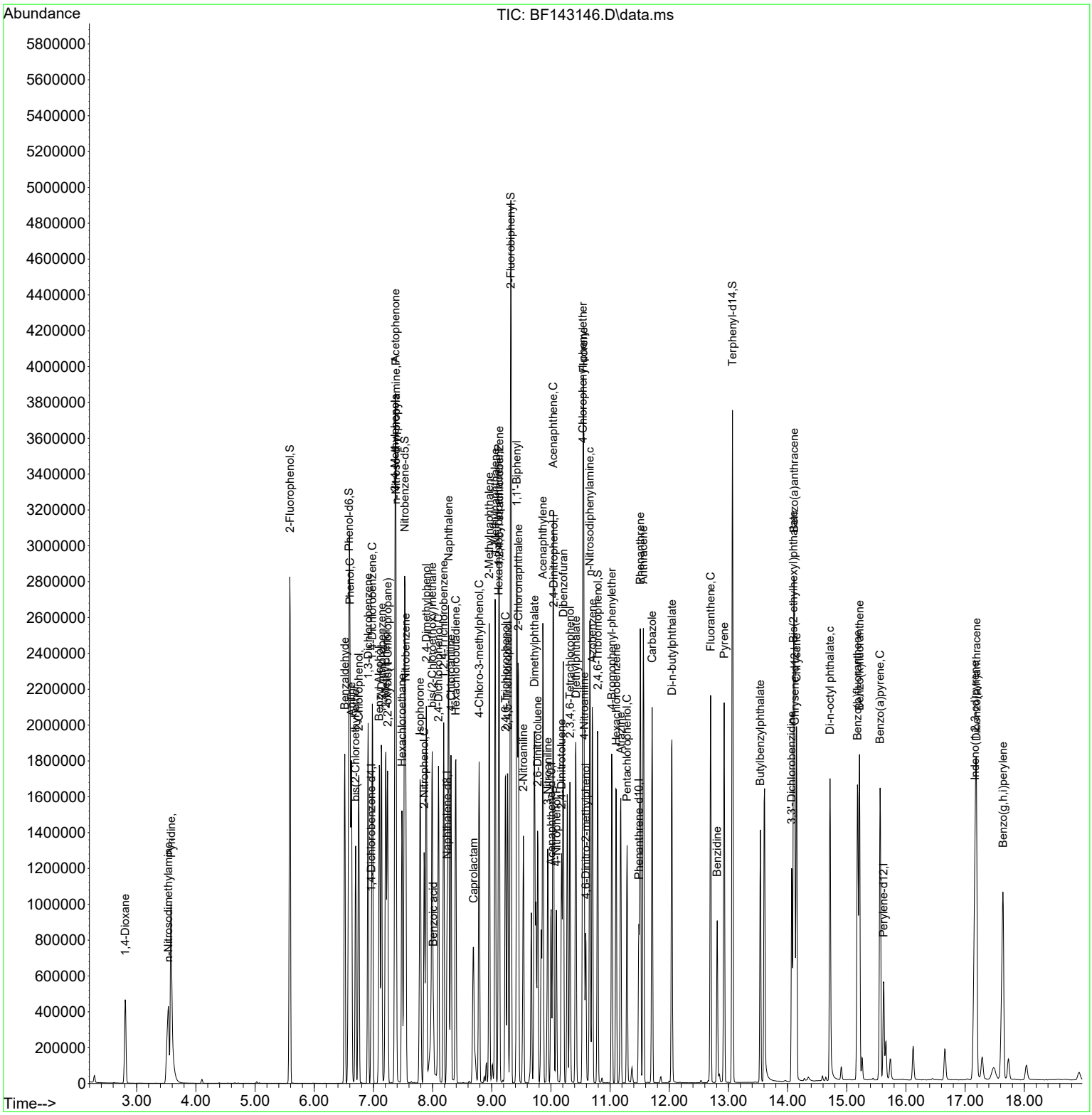
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Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

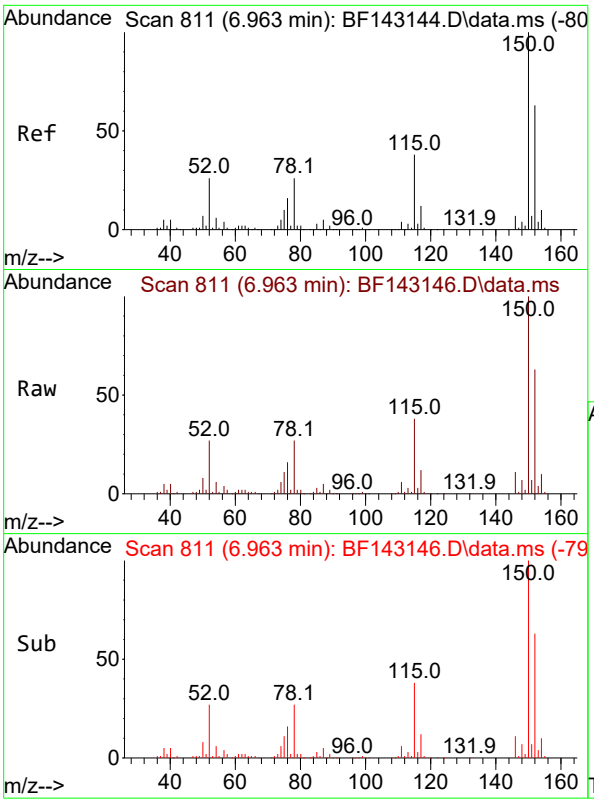
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

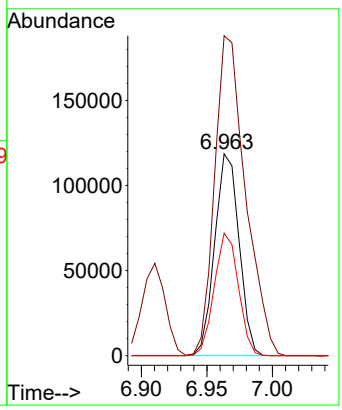




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:152 Resp: 15315

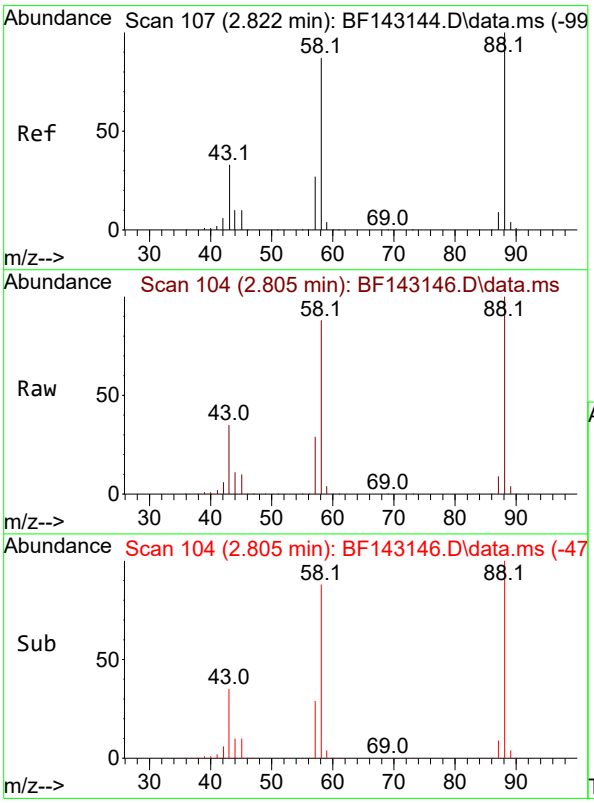
Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.2	192.4
115	60.7	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

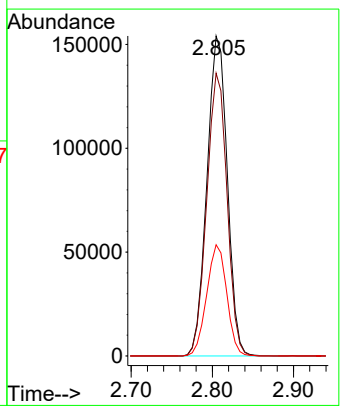
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

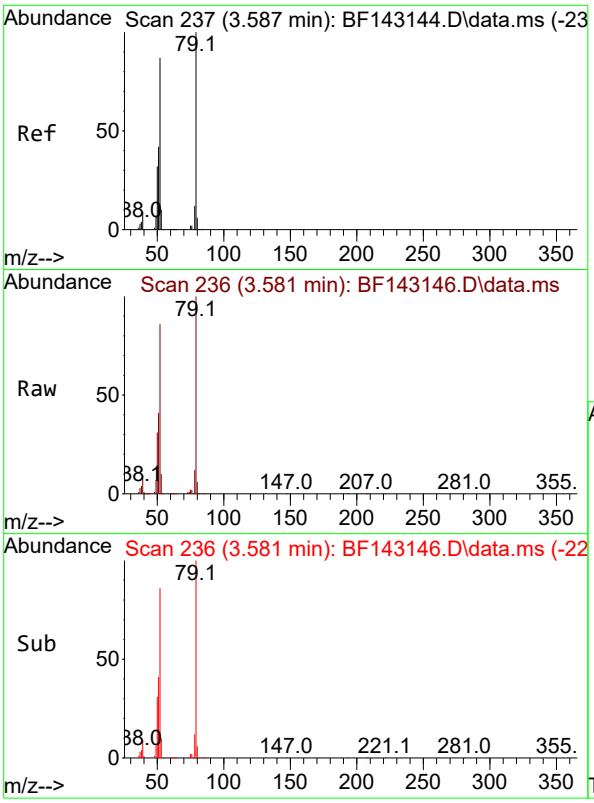


#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 88 Resp: 268511

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.2	105.2
43	34.2	27.1	40.7

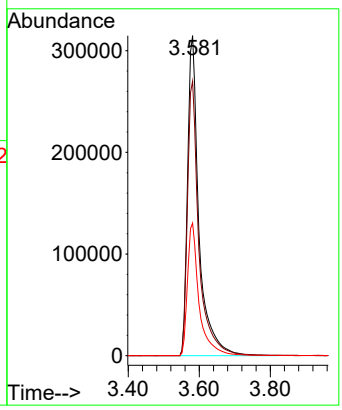




#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 79 Resp: 70086

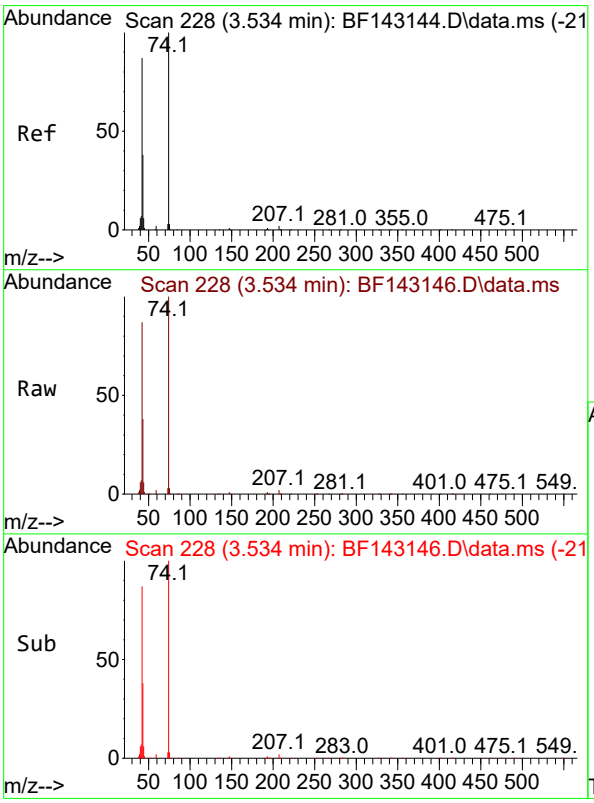
Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.4	104.2
51	41.4	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

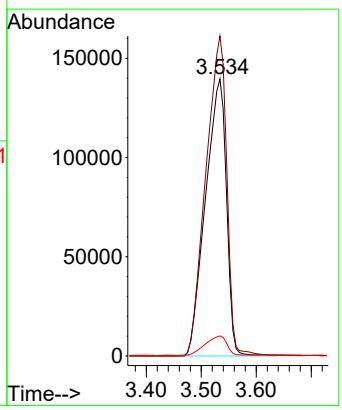
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

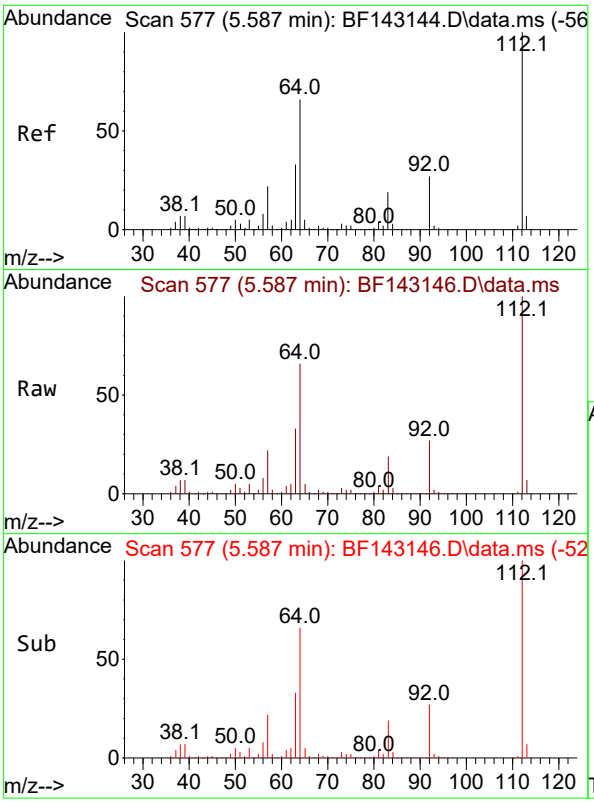


#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 42 Resp: 369452

Ion	Ratio	Lower	Upper
42	100		
74	115.5	91.7	137.5
44	7.2	5.6	8.4





#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

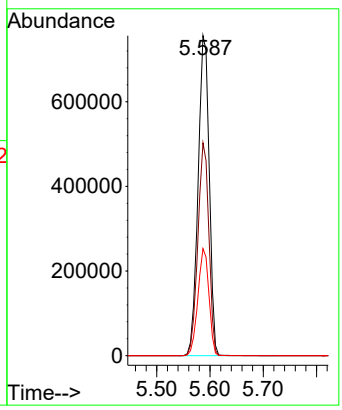
Tgt Ion:112 Resp: 109677

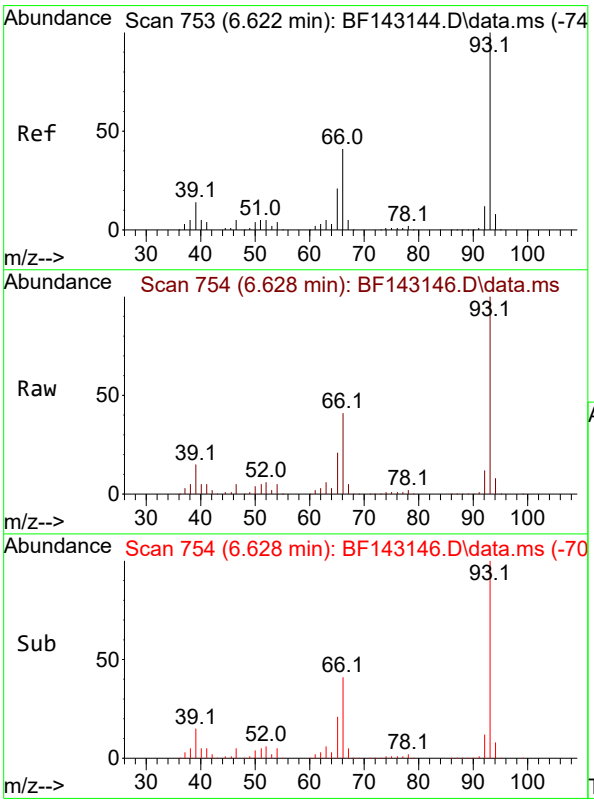
Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	33.4	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

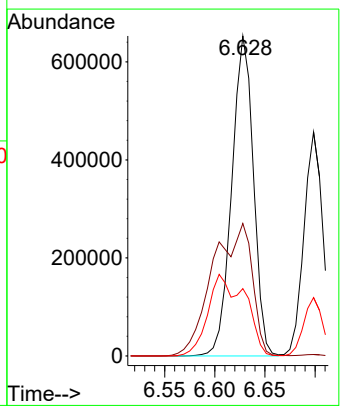


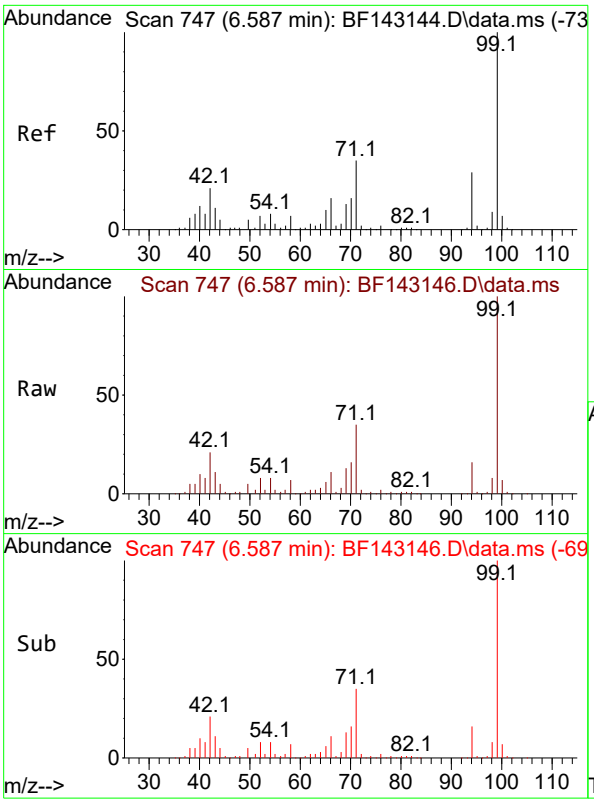


#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918

Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.2	49.8
65	21.0	16.9	25.3

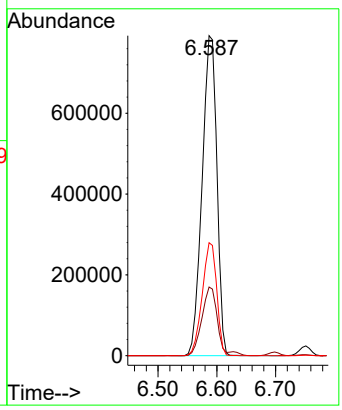




#7
Phenol-d6
Concen: 113.616 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 99 Resp: 138401

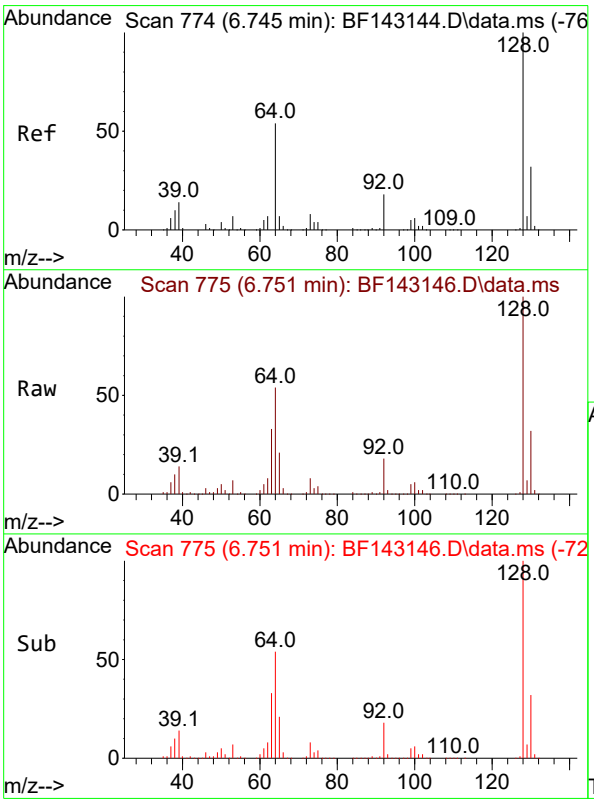
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	35.3	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

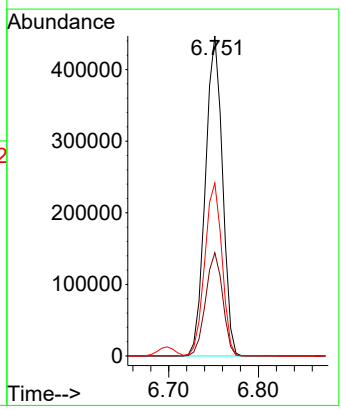
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

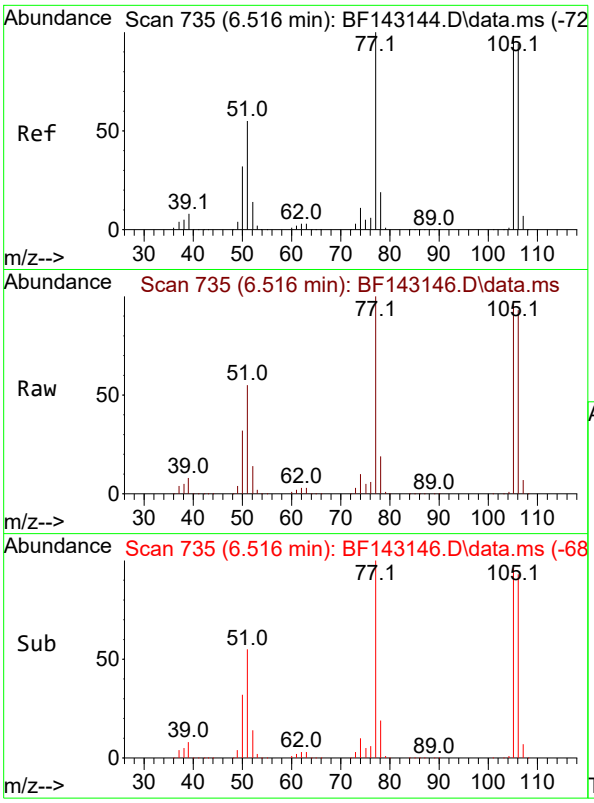


#8
2-Chlorophenol
Concen: 58.147 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 589870

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	54.0	35.9	75.9

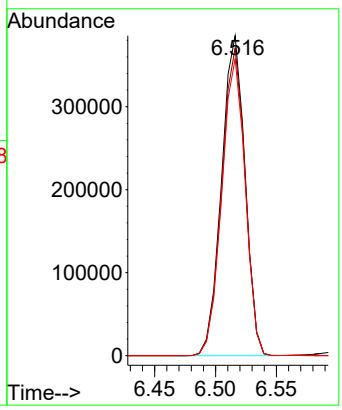




#9
Benzaldehyde
Concen: 56.445 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 51558

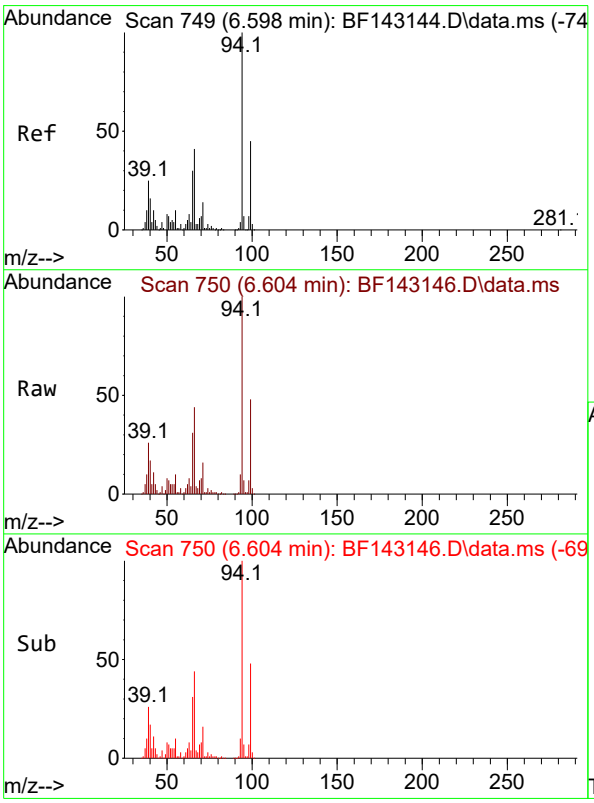
Ion	Ratio	Lower	Upper
77	100		
105	96.1	76.8	116.8
106	92.7	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

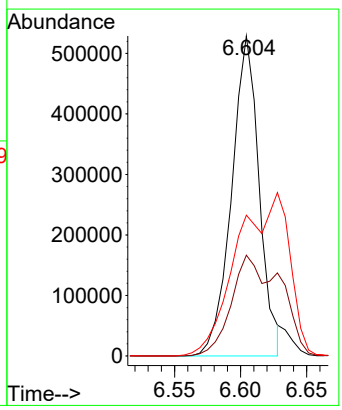
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

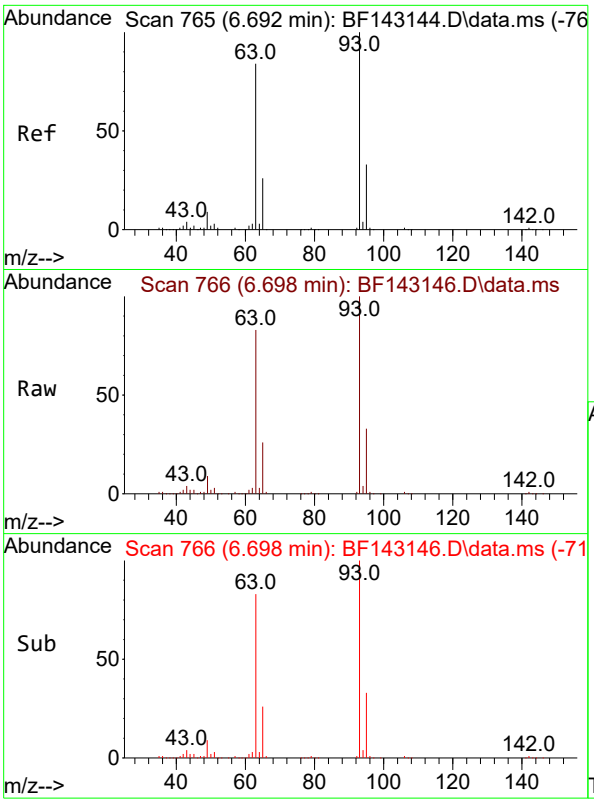


#10
Phenol
Concen: 58.002 ng m
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 94 Resp: 769713

Ion	Ratio	Lower	Upper
94	100		
65	31.5	10.0	50.0
66	44.0	20.8	60.8





#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

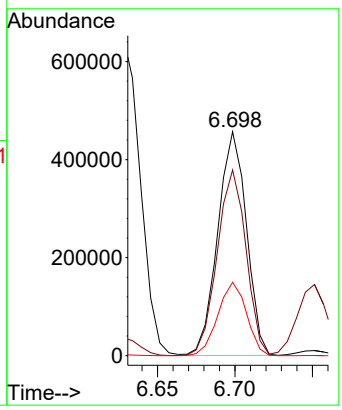
Tgt Ion: 93 Resp: 58849

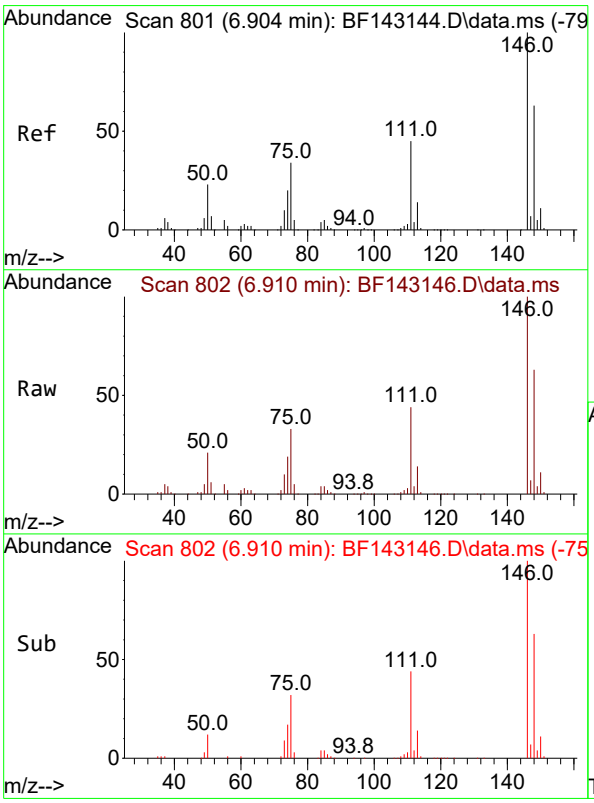
Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.4	103.4
95	32.8	12.4	52.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

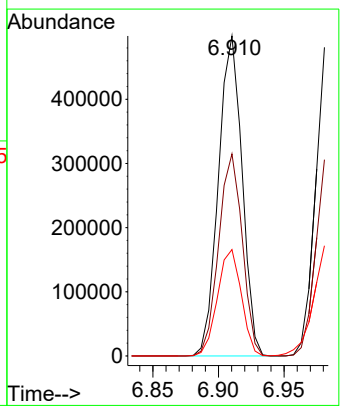


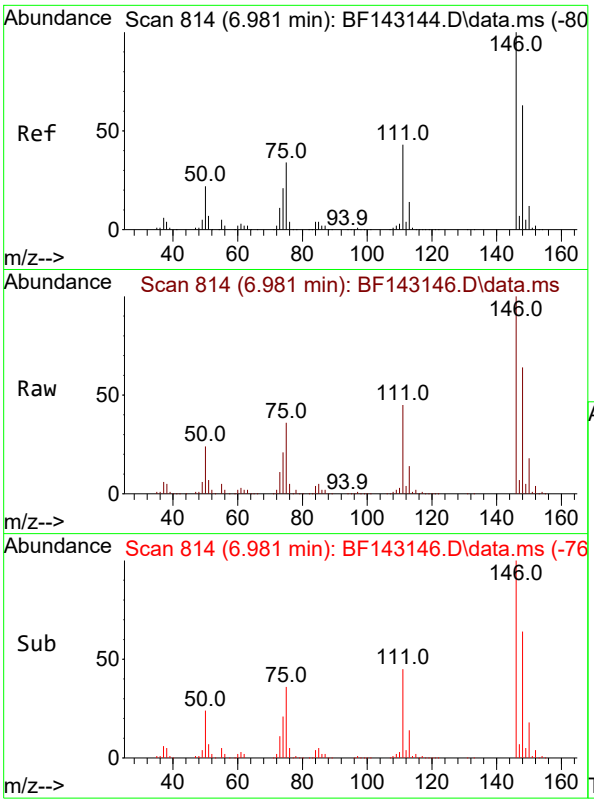


#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.2	27.4	41.2

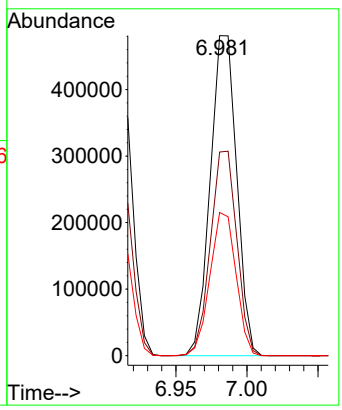




#13
1,4-Dichlorobenzene
Concen: 56.171 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 62337

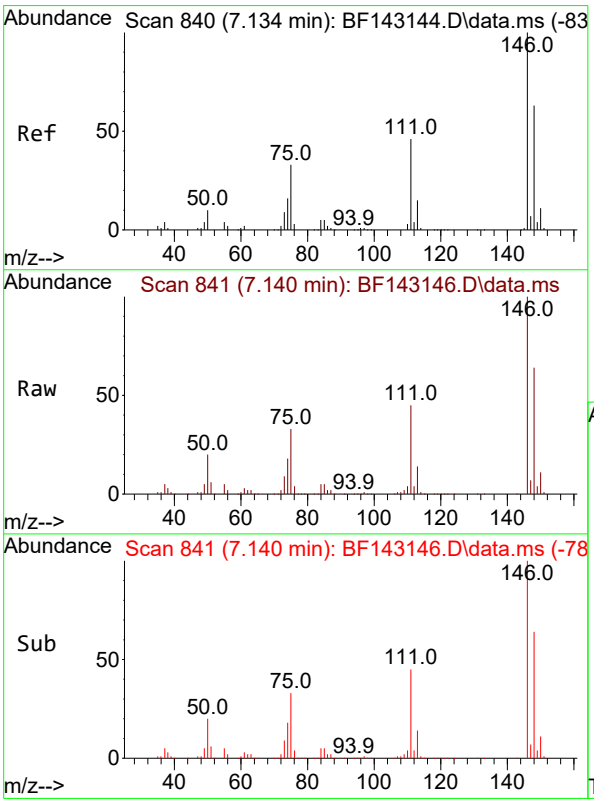
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	44.7	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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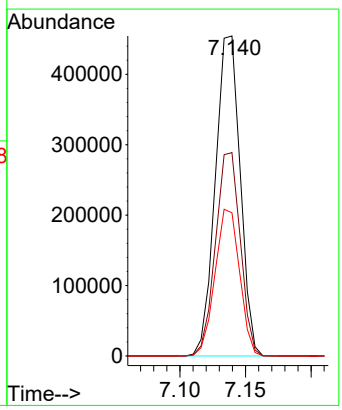
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

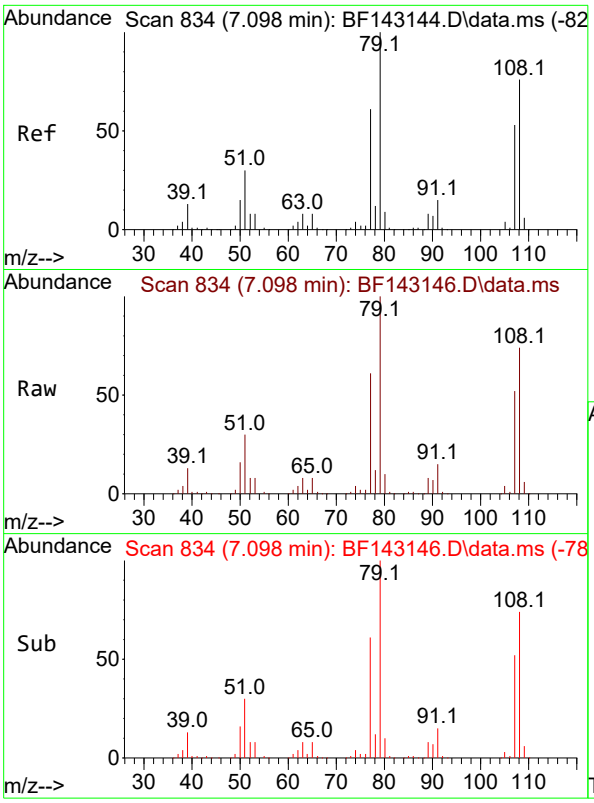


#14
1,2-Dichlorobenzene
Concen: 56.708 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 598571

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.8	36.6	54.8

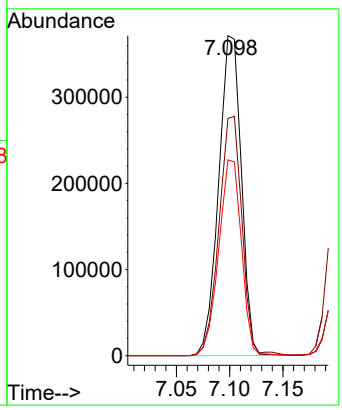




#15
Benzyl Alcohol
Concen: 58.934 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 79 Resp: 54815

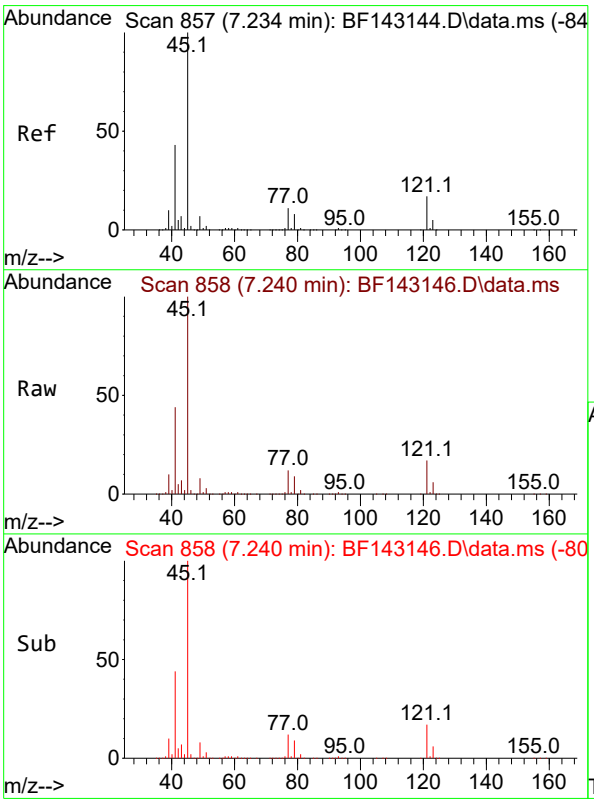
Ion	Ratio	Lower	Upper
79	100		
108	74.2	61.1	91.7
77	61.2	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
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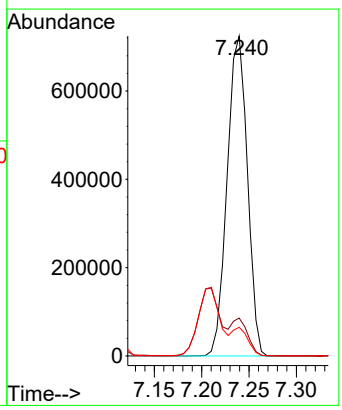
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

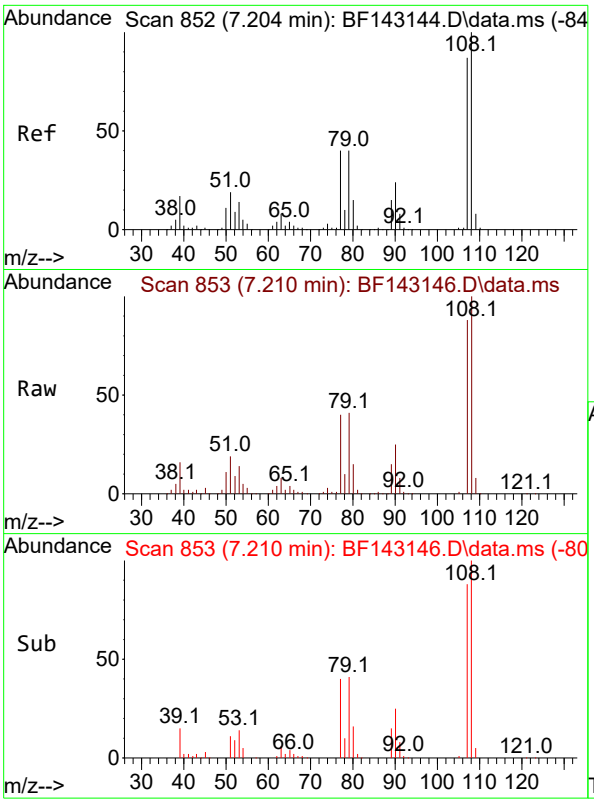


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.120 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 45 Resp: 1076628

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5

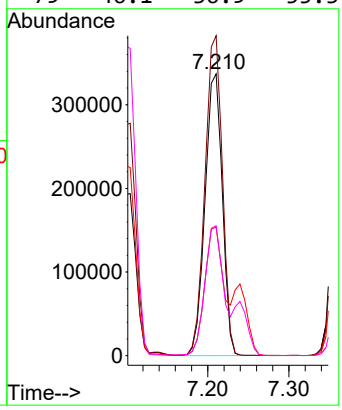




#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 49807

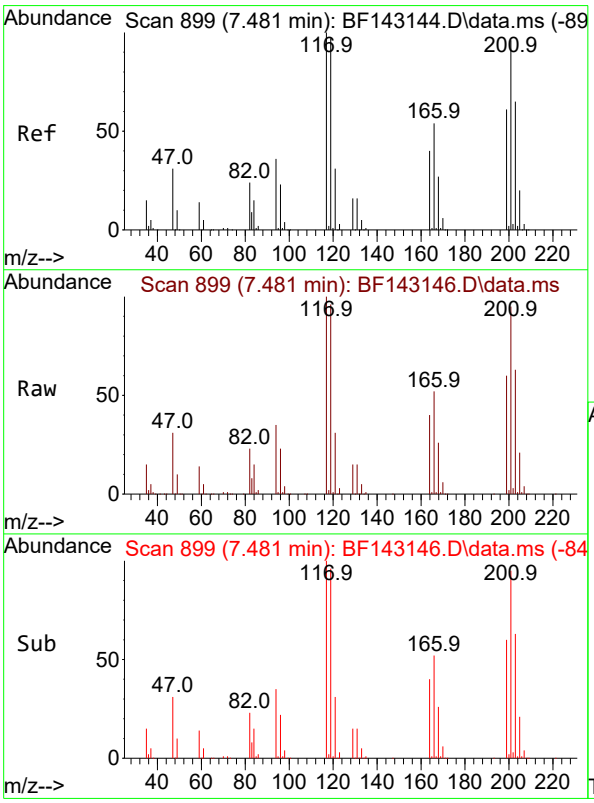
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.8	137.6
77	45.6	37.0	55.6
79	46.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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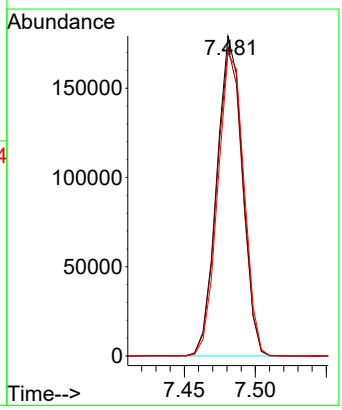
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

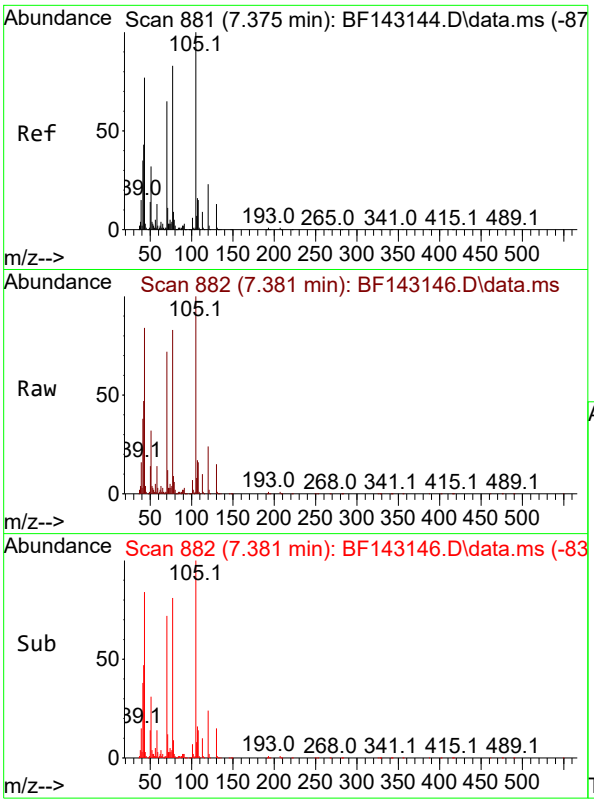


#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8
201	94.6	77.0	115.4

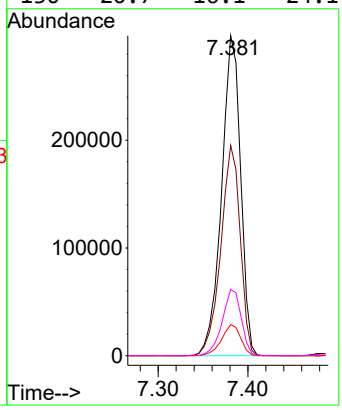




#19
n-Nitroso-di-n-propylamine
Concen: 56.012 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 70 Resp: 43775

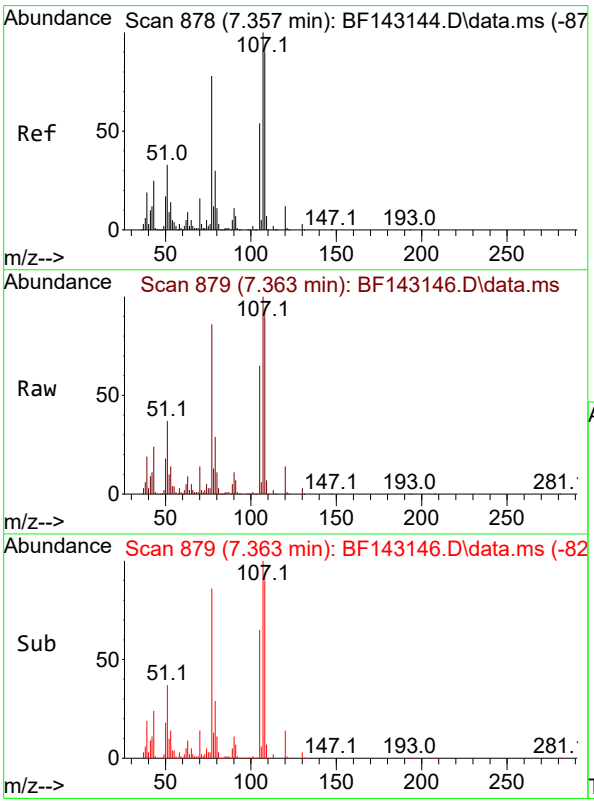
Ion	Ratio	Lower	Upper
70	100		
42	65.7	52.5	78.7
101	9.7	7.6	11.4
130	20.7	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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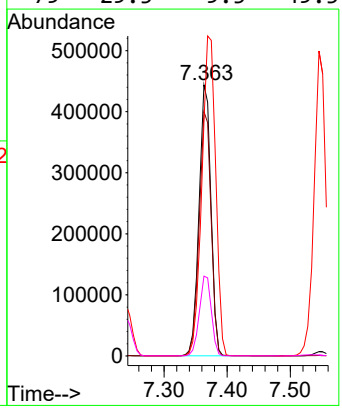
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

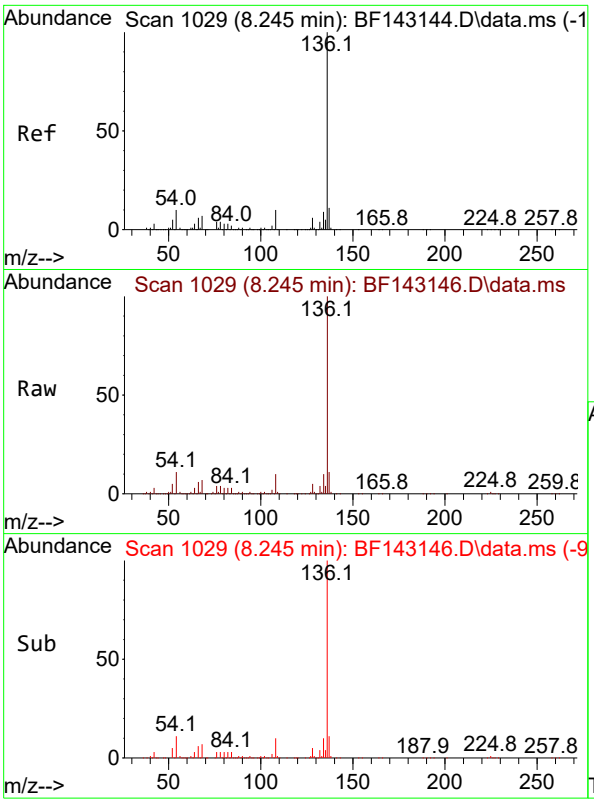


#20
3+4-Methylphenols
Concen: 56.273 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.0	110.0
77	86.3	57.8	97.8
79	29.5	9.5	49.5

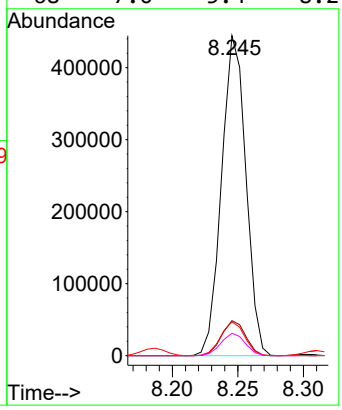




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:136 Resp: 57354

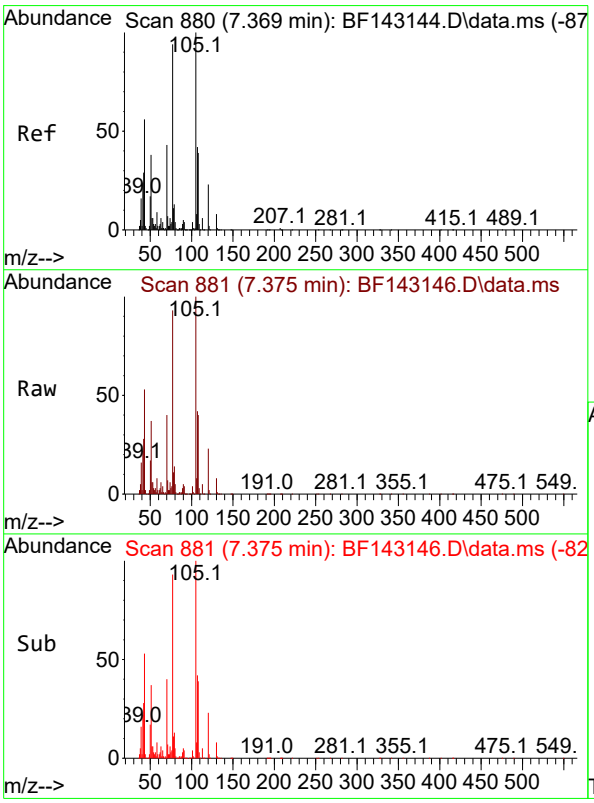
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	8.2	12.2
68	7.0	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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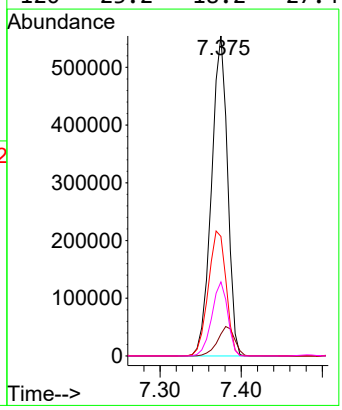
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

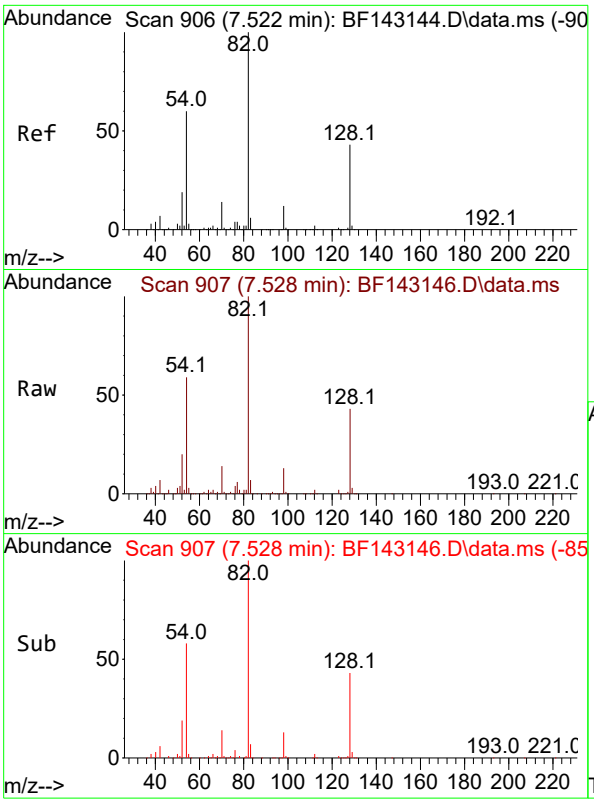


#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.6
51	37.4	30.2	45.2
120	23.2	18.2	27.4





#23
Nitrobenzene-d5
Concen: 118.809 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

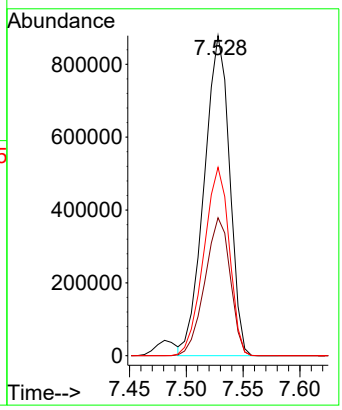
Tgt Ion: 82 Resp: 136701

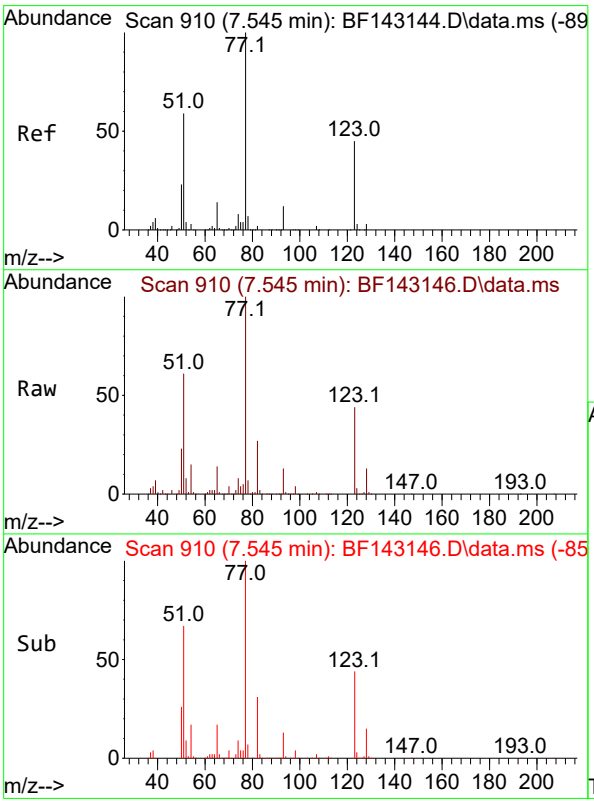
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 07/18/2025
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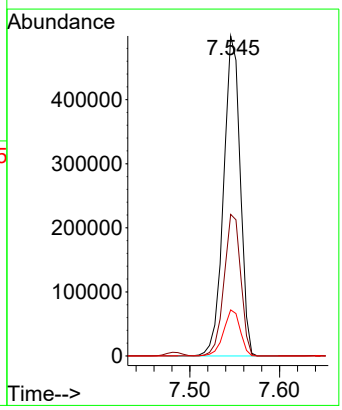


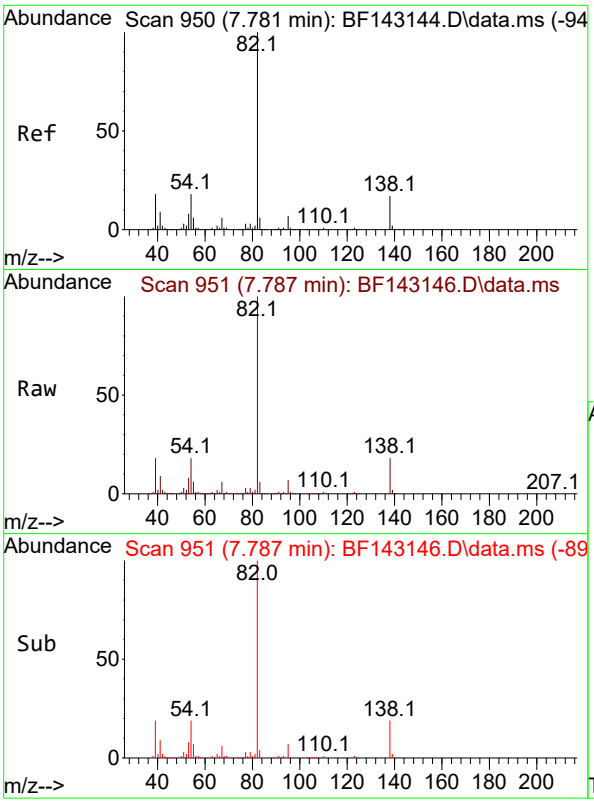


#24
Nitrobenzene
Concen: 59.832 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 641832

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.4	11.4	17.2





#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

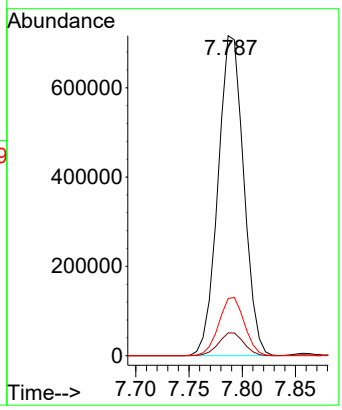
Tgt Ion: 82 Resp: 120250

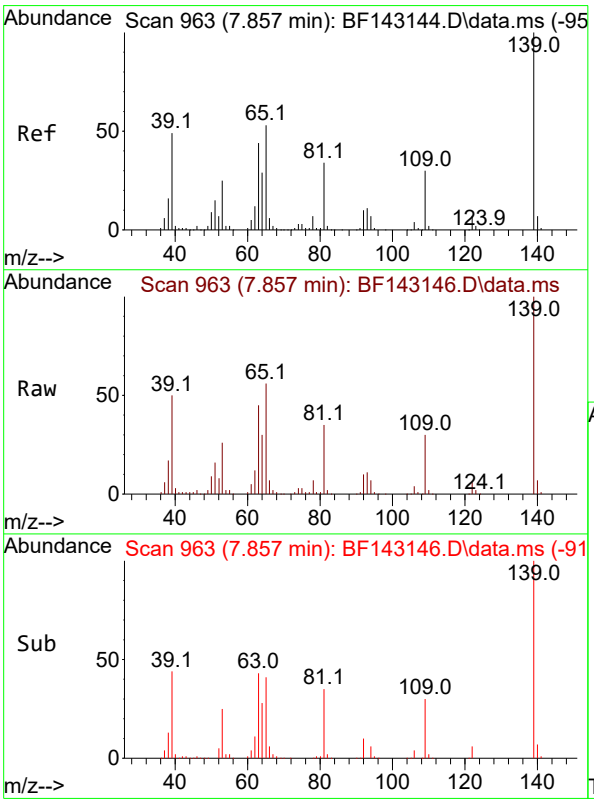
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.9	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

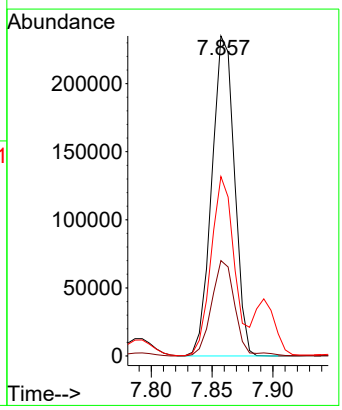


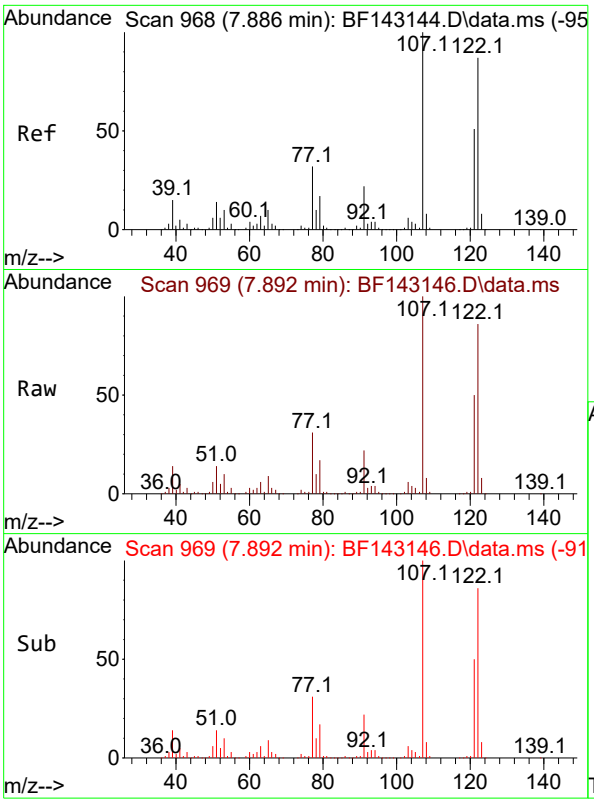


#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 304218

Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.6	35.4
65	56.0	42.6	64.0

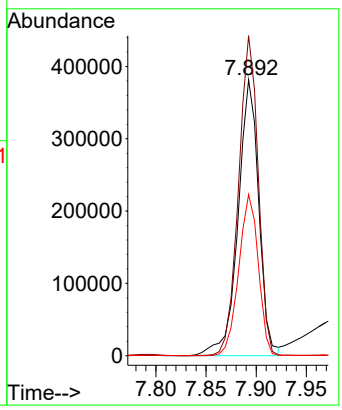




#27
2,4-Dimethylphenol
Concen: 57.833 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 54882

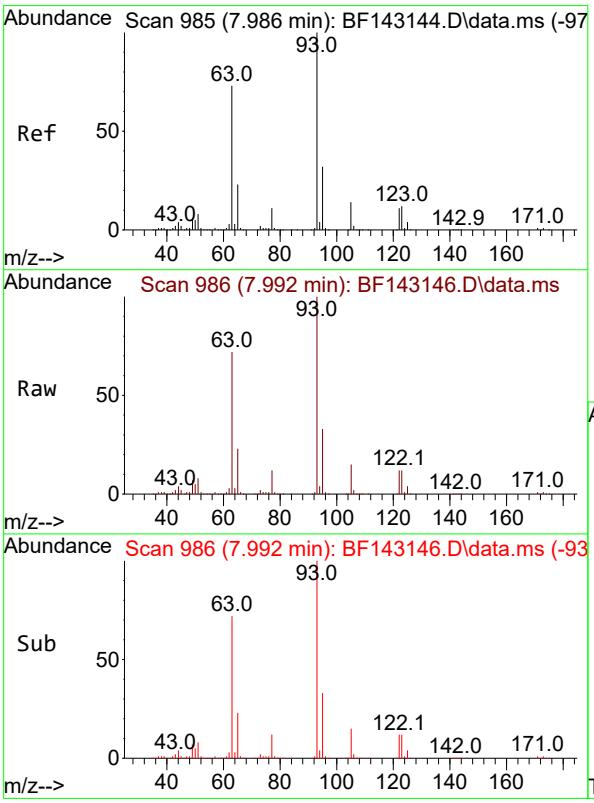
Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.8	137.6
121	58.4	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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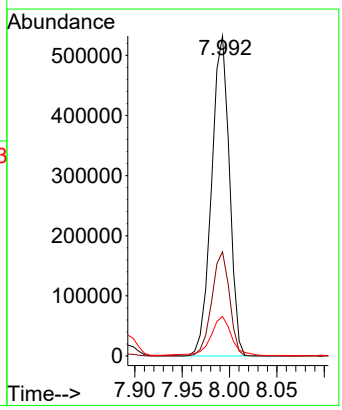
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

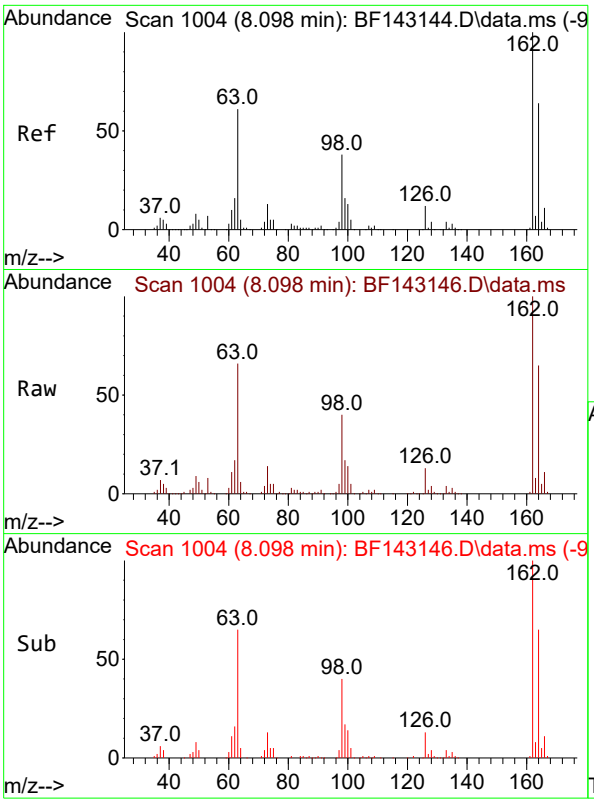


#28
bis(2-Chloroethoxy)methane
Concen: 57.184 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 696403

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	12.4	9.7	14.5

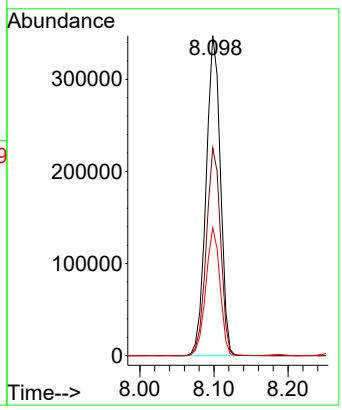




#29
2,4-Dichlorophenol
Concen: 58.329 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:162 Resp: 46680

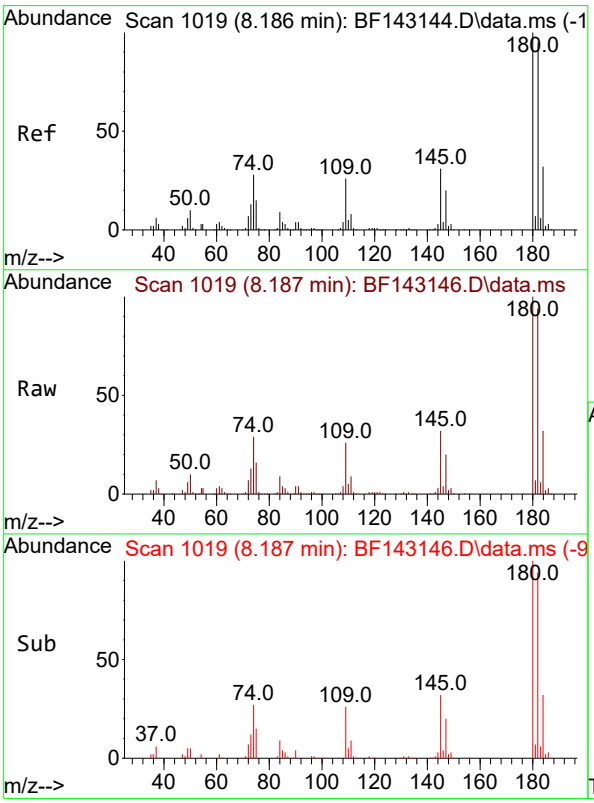
Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	39.9	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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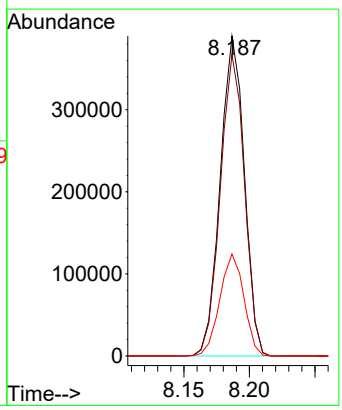
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

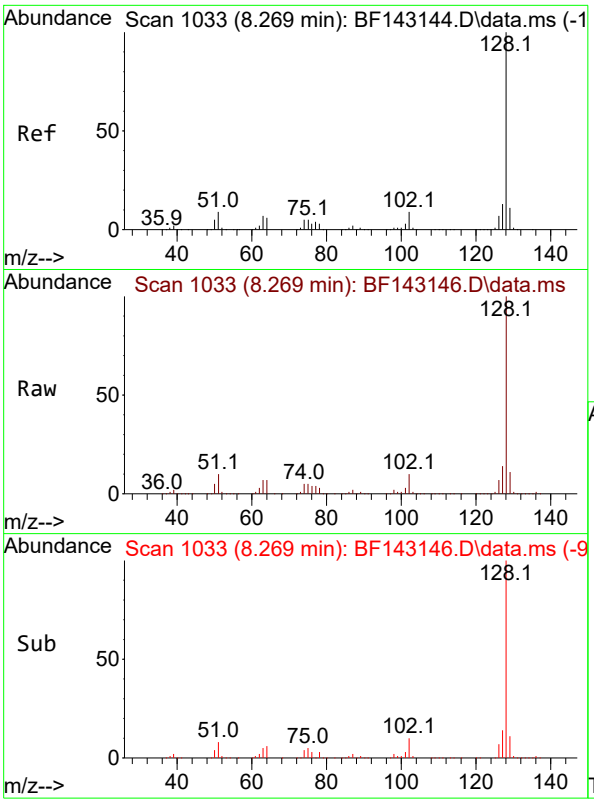


#30
1,2,4-Trichlorobenzene
Concen: 57.653 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:180 Resp: 498478

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	31.8	25.0	37.6

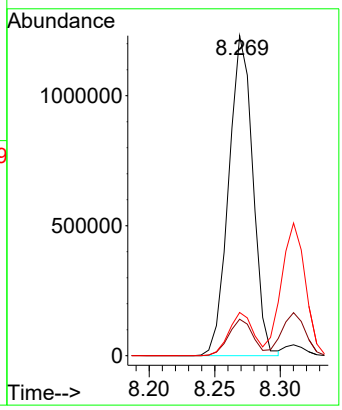




#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 157569

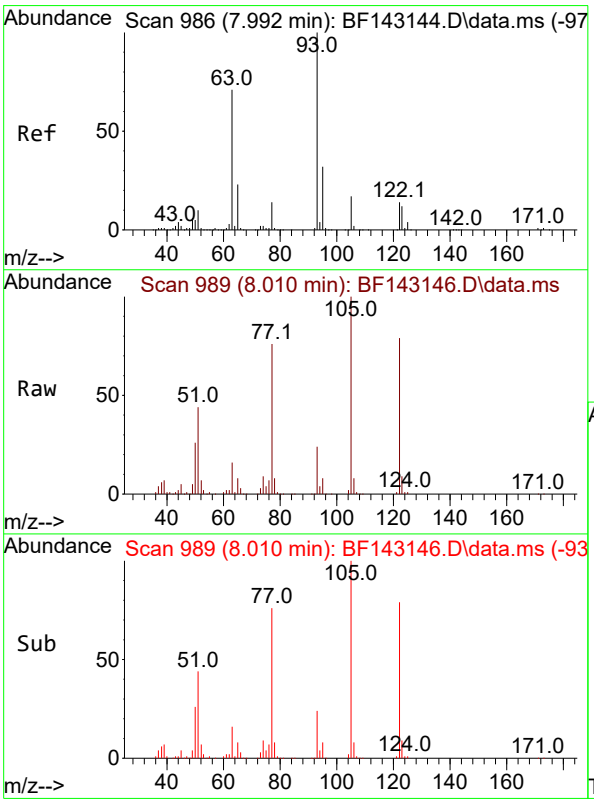
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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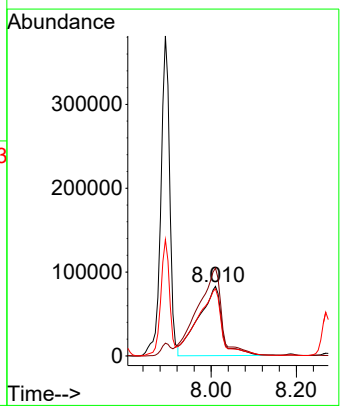
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

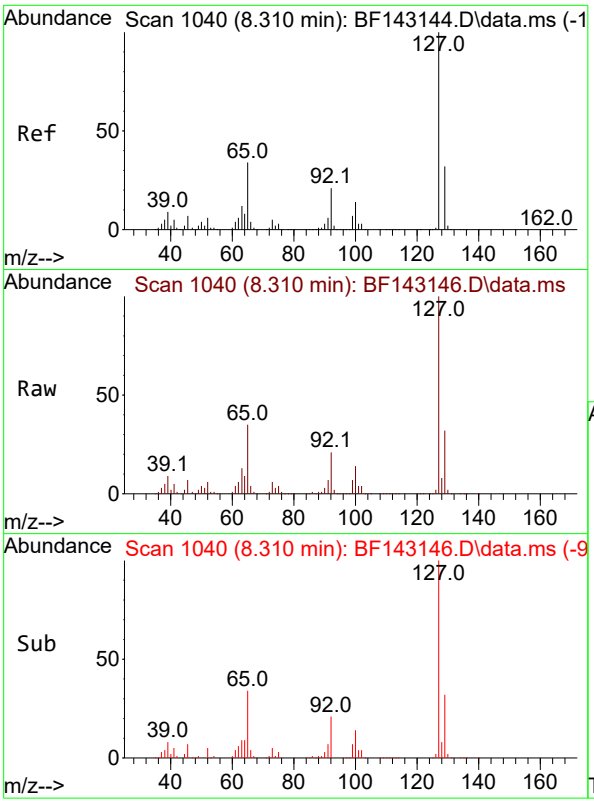


#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 321703

Ion	Ratio	Lower	Upper
122	100		
105	126.3	104.8	144.8
77	96.5	77.6	117.6

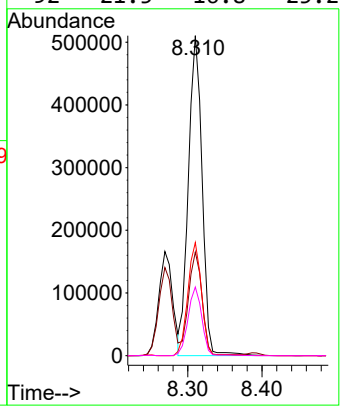




#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:127 Resp: 65946

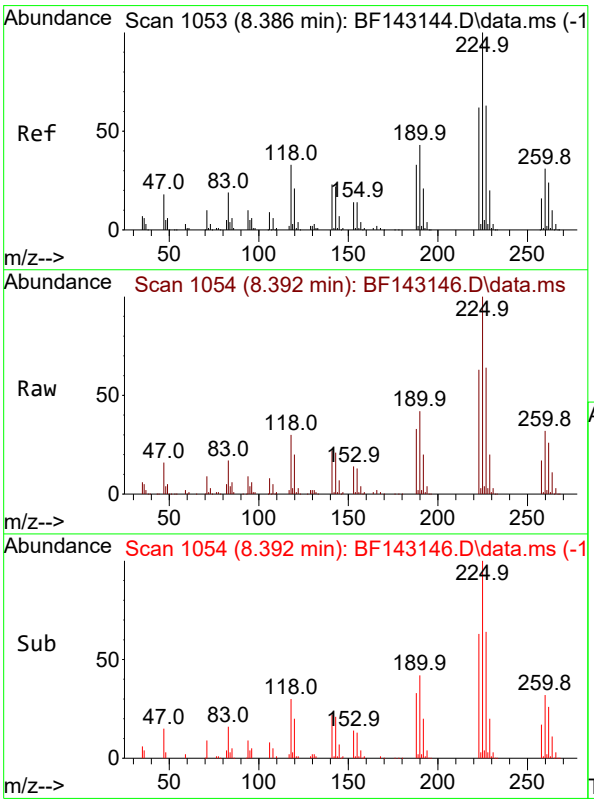
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	35.3	27.4	41.2
92	21.5	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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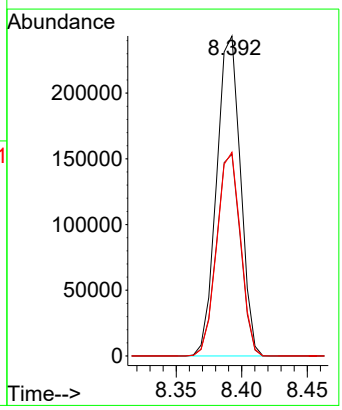
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

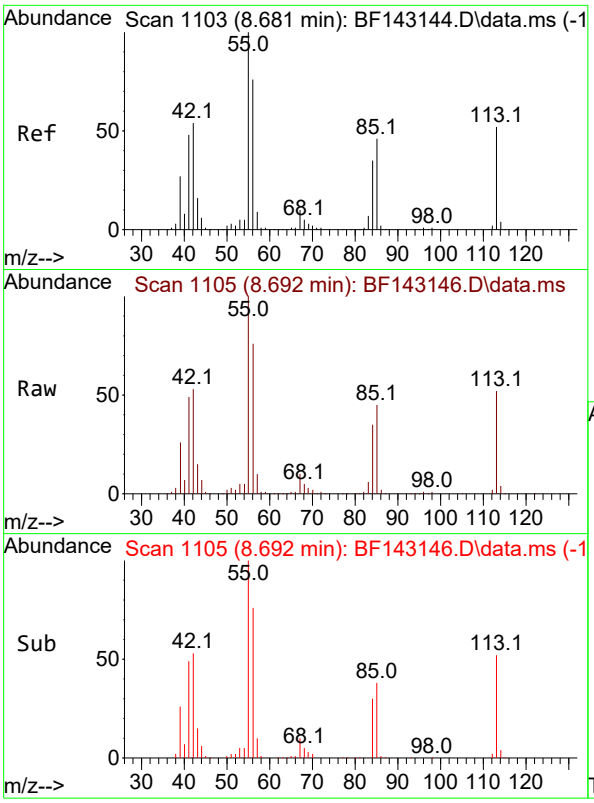


#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:225 Resp: 307552

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.7	50.2	75.4

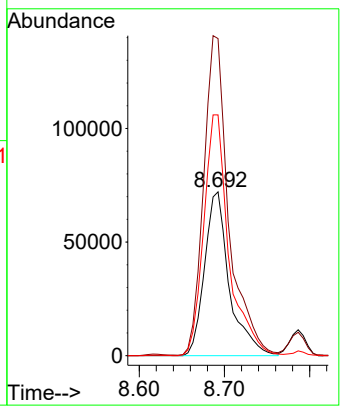




#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:113 Resp: 14589

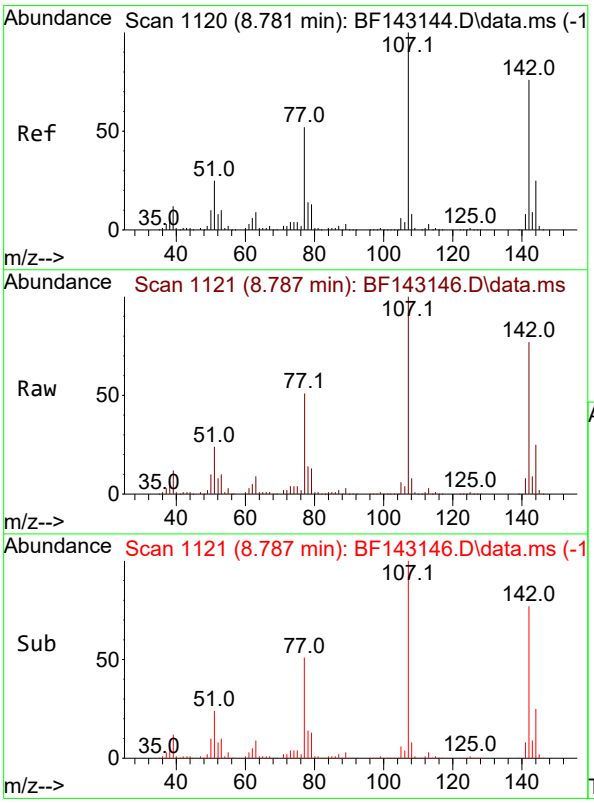
Ion	Ratio	Lower	Upper
113	100		
55	193.5	174.0	214.0
56	146.9	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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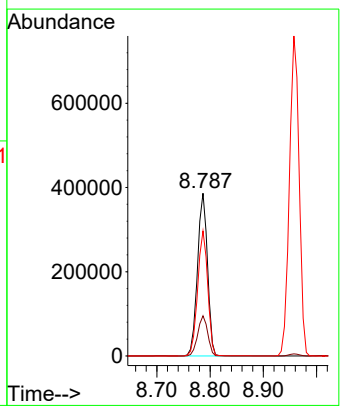
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

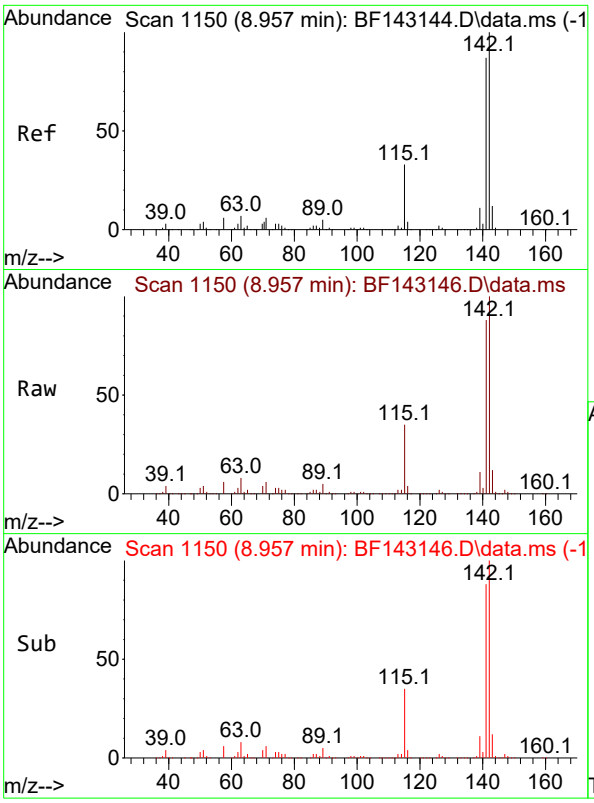


#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 506142

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	76.9	60.6	90.8

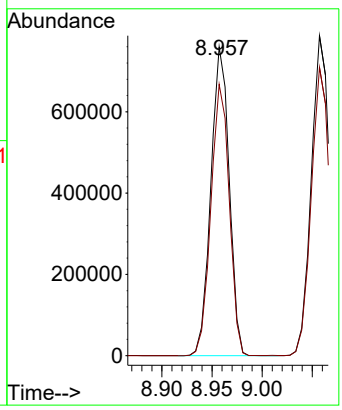




#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 96603

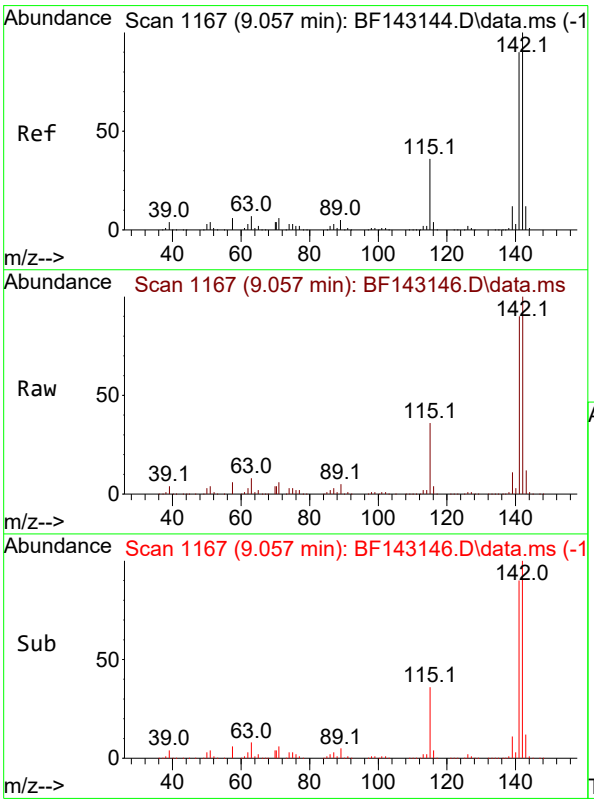
Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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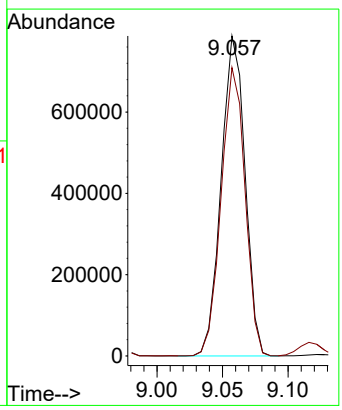
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

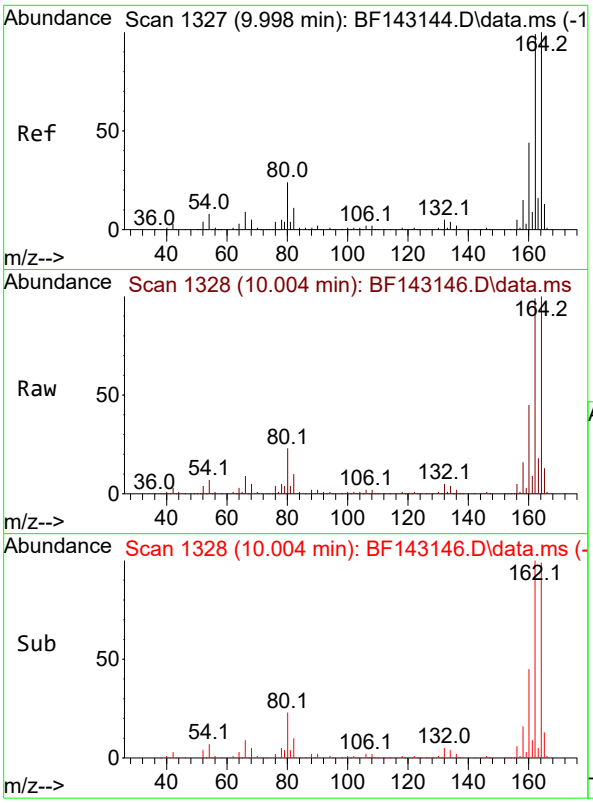


#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 997009

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5

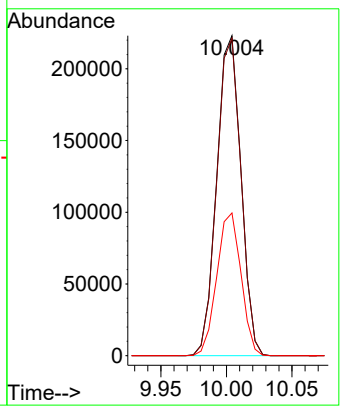




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:164 Resp: 28654

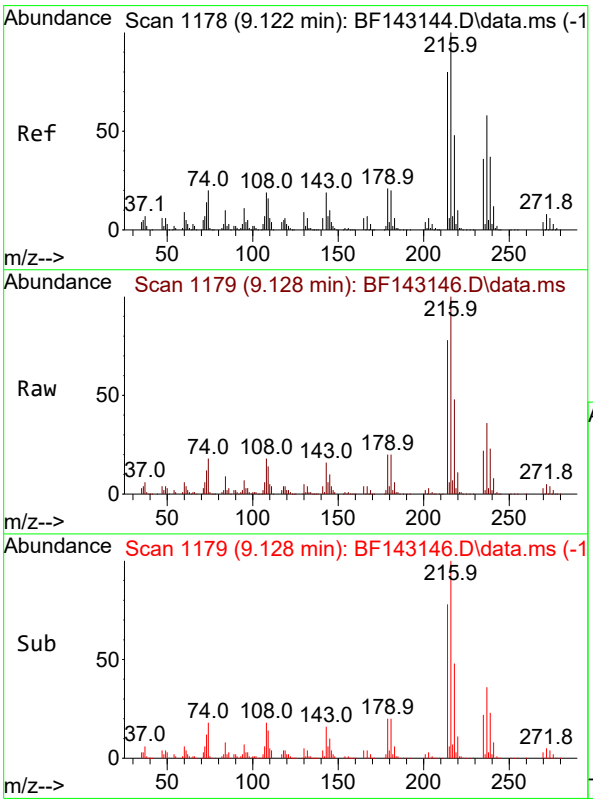
Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	44.6	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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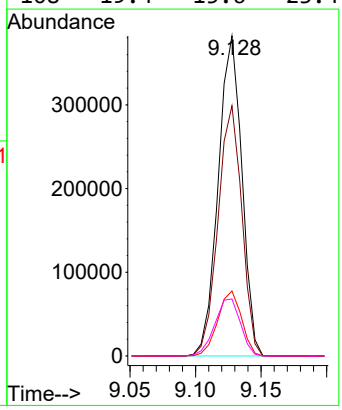
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

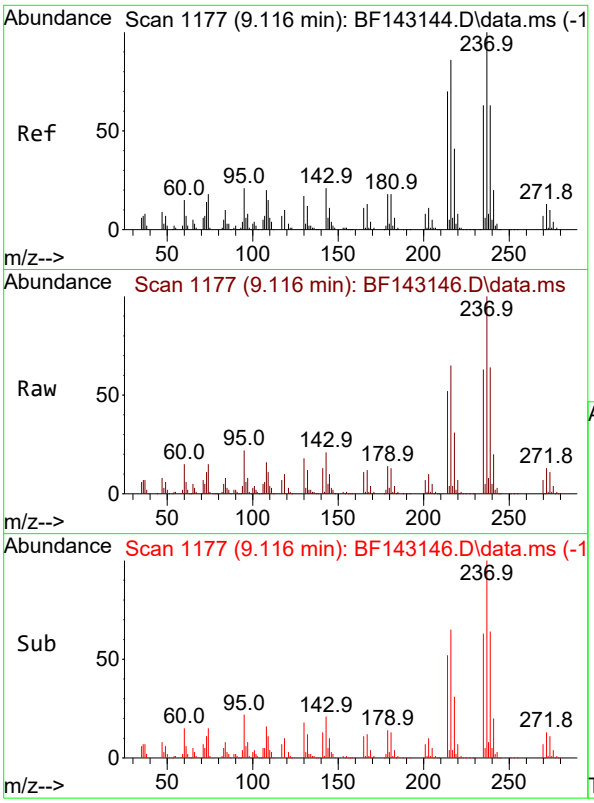


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:216 Resp: 479450

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	20.4	16.4	24.6
108	19.4	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 62.761 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

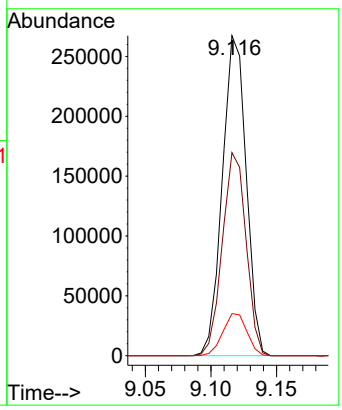
Tgt Ion:237 Resp: 33783

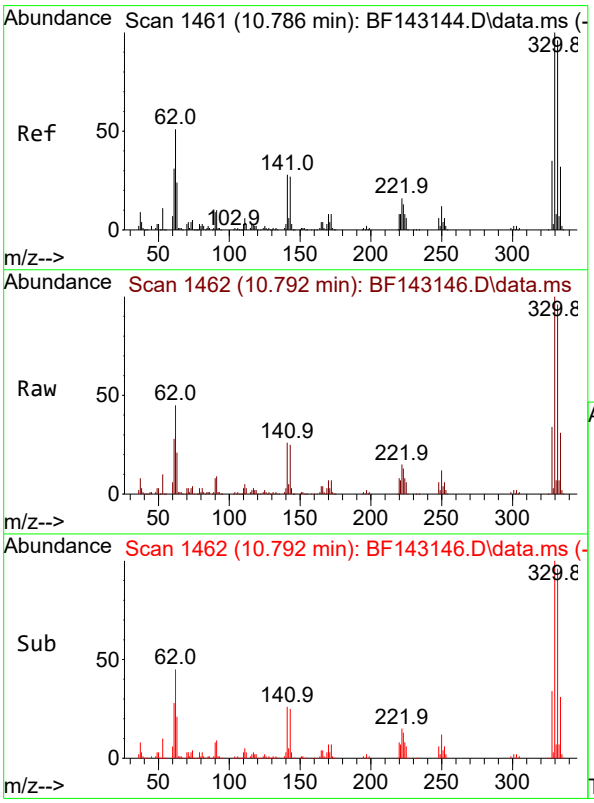
Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.0	83.0
272	13.2	0.0	33.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

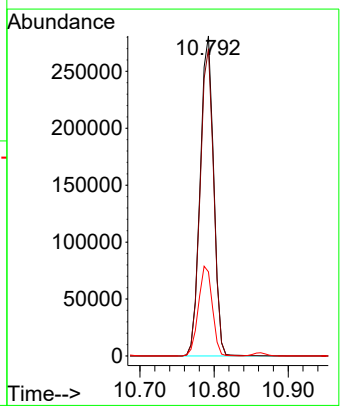


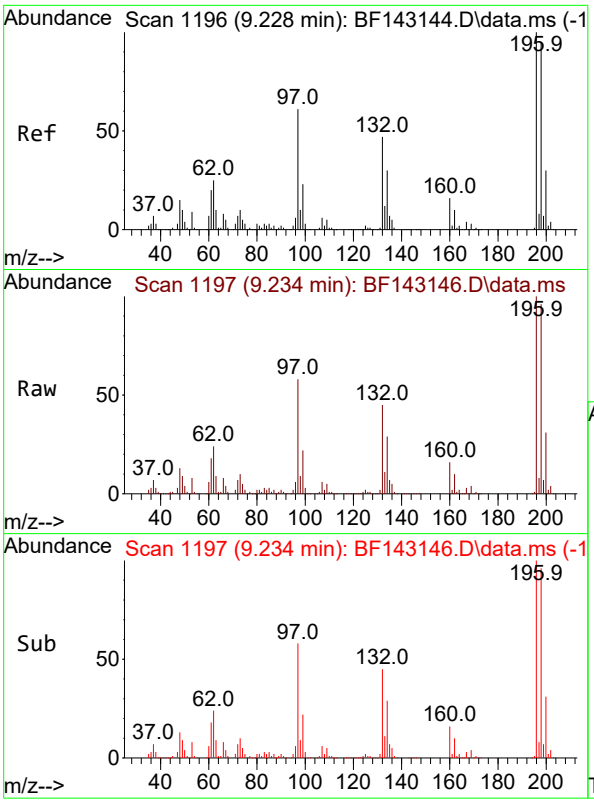


#42
2,4,6-Tribromophenol
Concen: 119.817 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:330 Resp: 354678

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	28.9	23.3	34.9

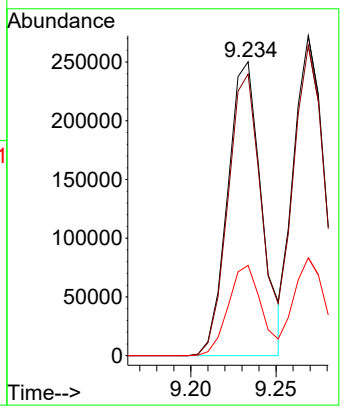




#43
2,4,6-Trichlorophenol
Concen: 60.246 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 34494

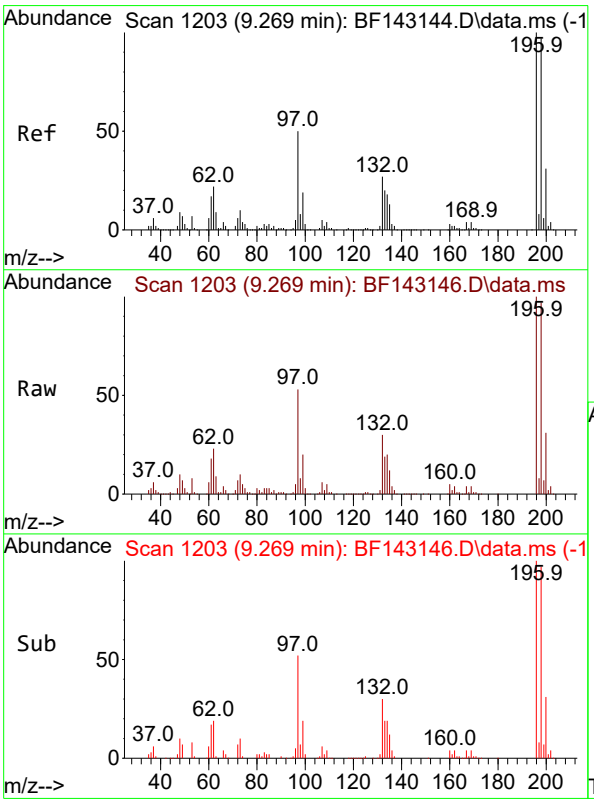
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	30.7	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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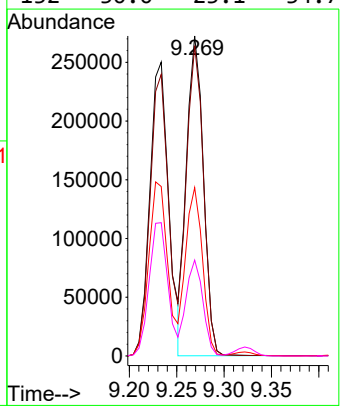
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

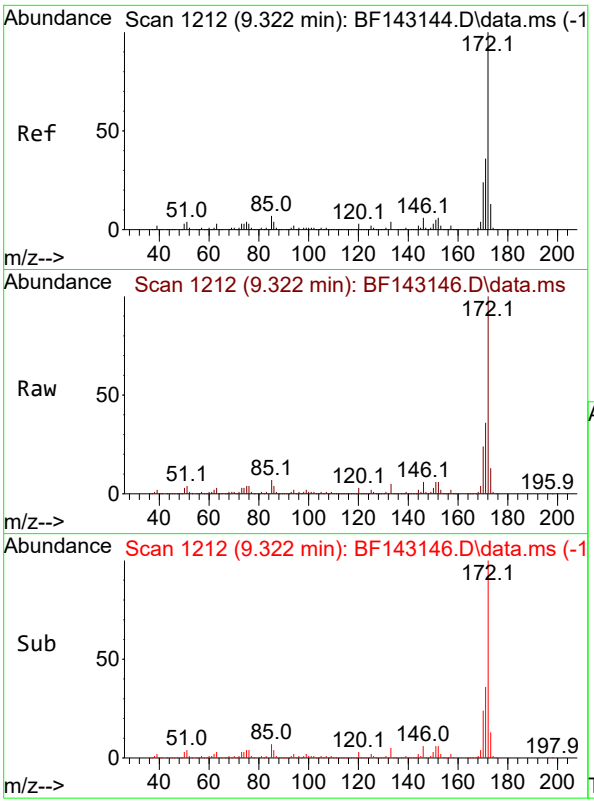


#44
2,4,5-Trichlorophenol
Concen: 59.305 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 339656

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	52.6	40.3	60.5
132	30.0	23.1	34.7

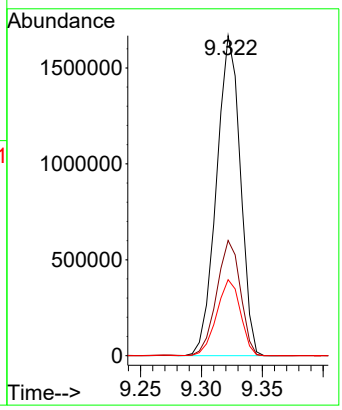




#45
2-Fluorobiphenyl
Concen: 108.558 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:172 Resp: 227450

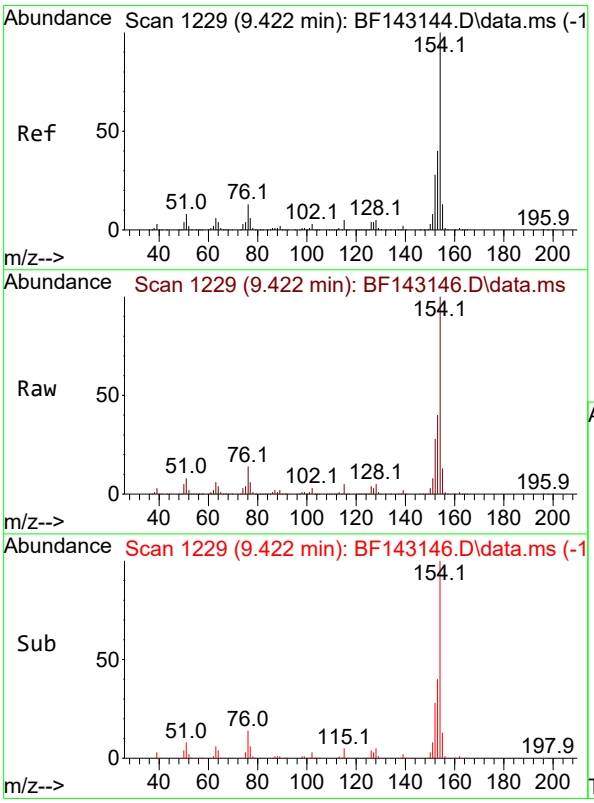
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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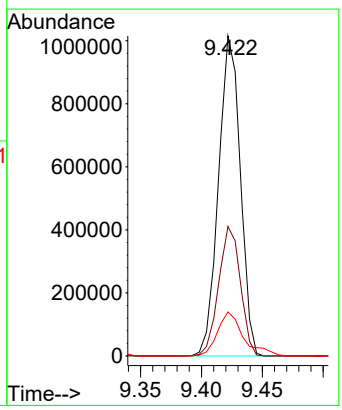
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

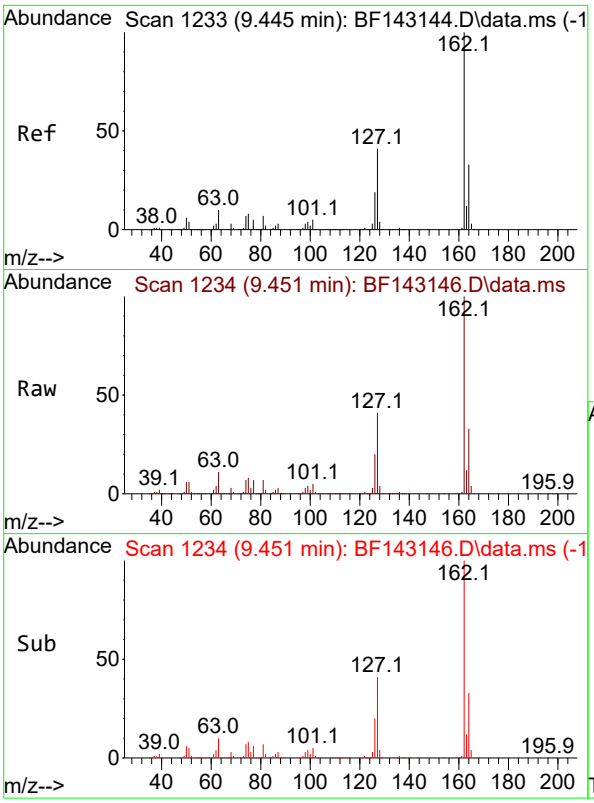


#46
1,1'-Biphenyl
Concen: 56.610 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 1265588

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3





#47
2-Chloronaphthalene
Concen: 57.364 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

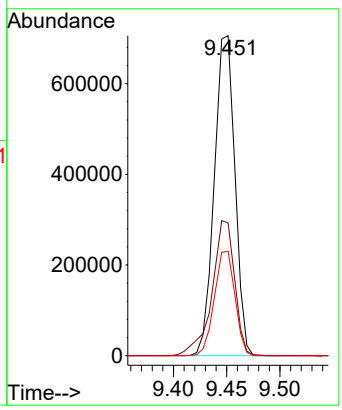
Tgt Ion:162 Resp: 94891

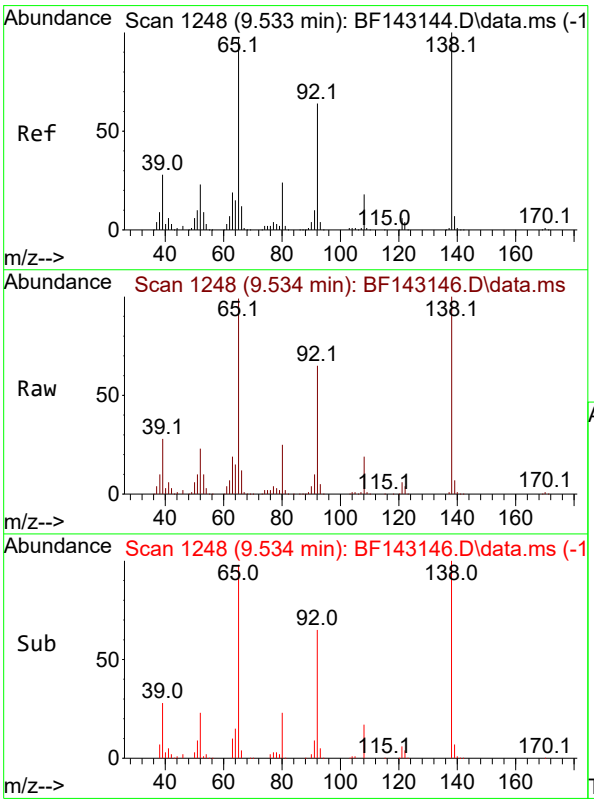
Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

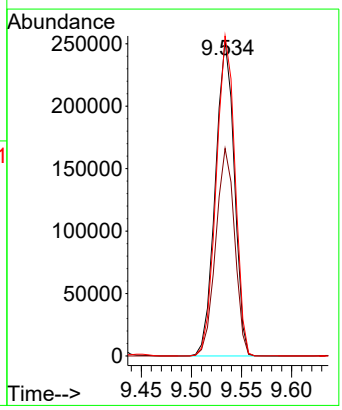


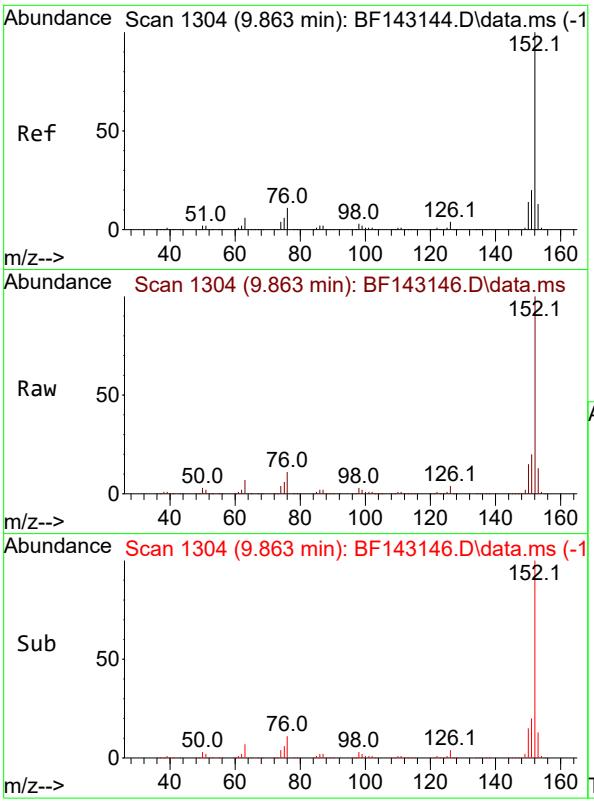


#48
2-Nitroaniline
Concen: 63.904 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.4	78.6
138	101.5	82.3	123.5

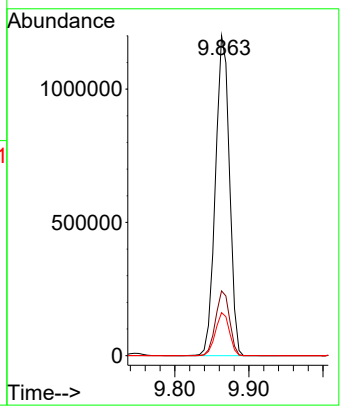




#49
Acenaphthylene
Concen: 56.860 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:152 Resp: 157624

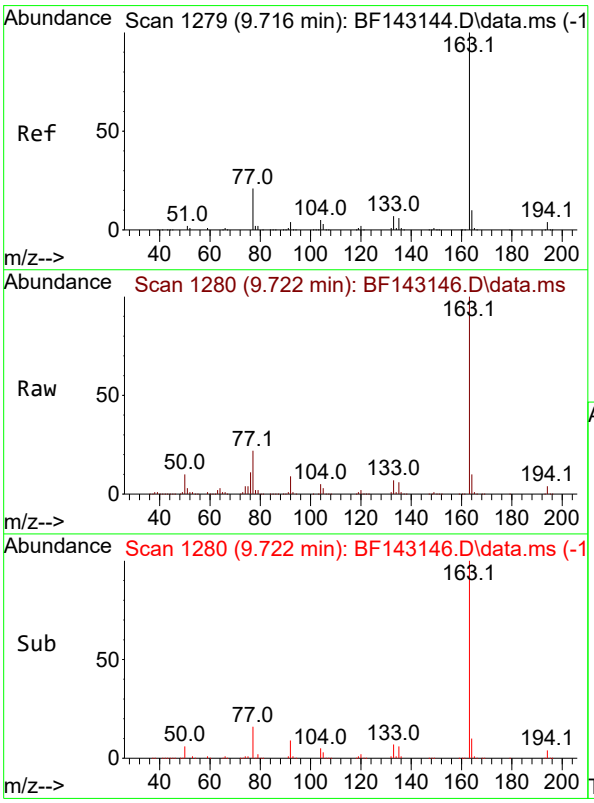
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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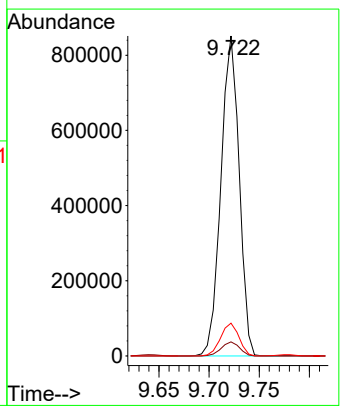
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

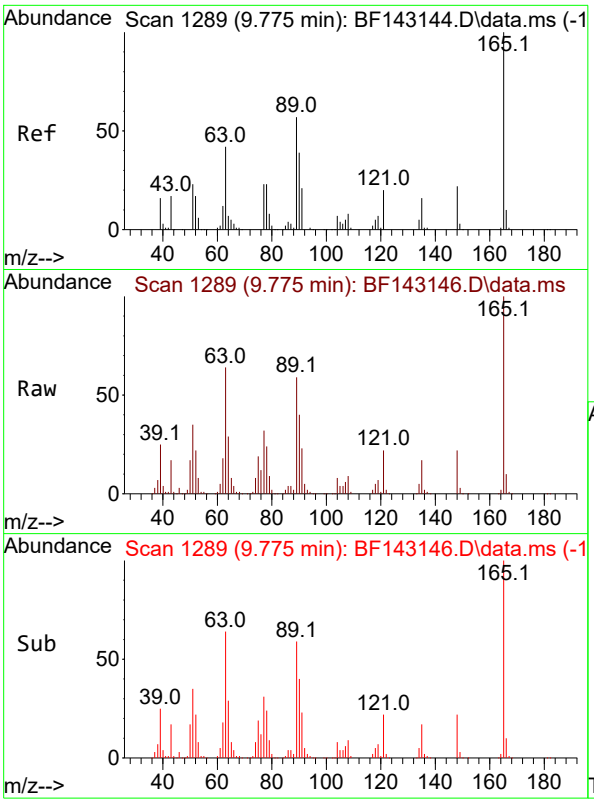


#50
Dimethylphthalate
Concen: 57.558 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:163 Resp: 1075052

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5

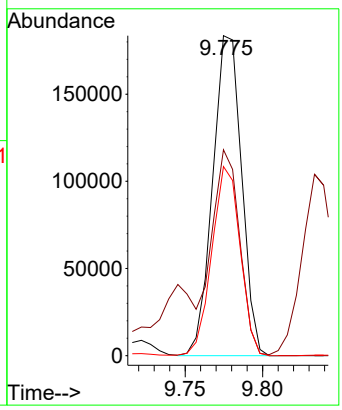




#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:165 Resp: 23810

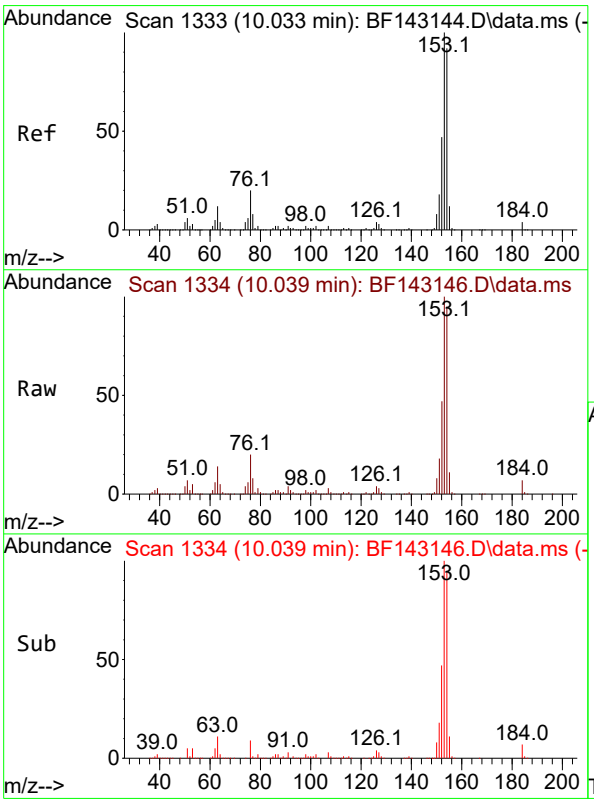
Ion	Ratio	Lower	Upper
165	100		
63	64.4	49.4	74.2
89	59.1	46.2	69.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

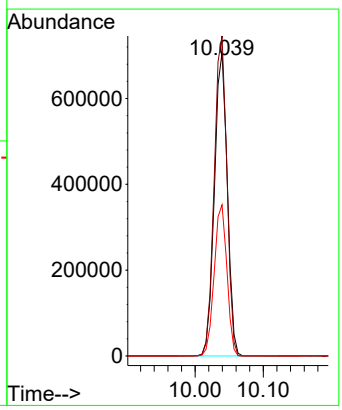
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

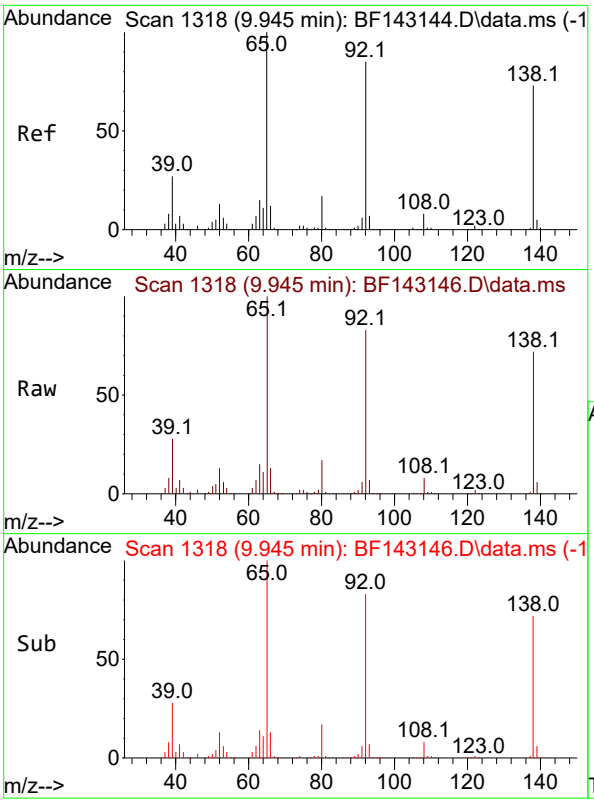


#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 930883

Ion	Ratio	Lower	Upper
154	100		
153	105.6	86.6	129.8
152	49.9	40.4	60.6

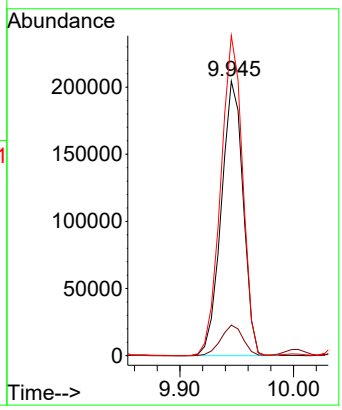




#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 27350

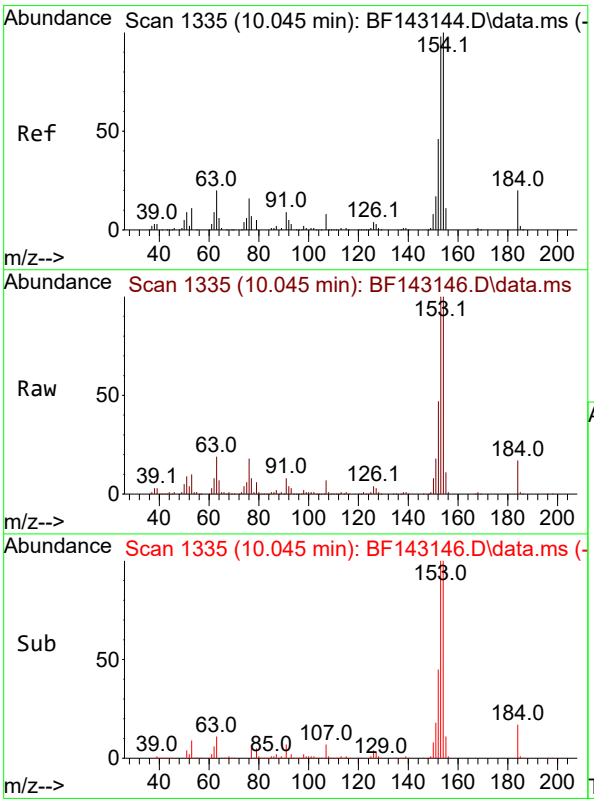
Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	116.5	93.0	139.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

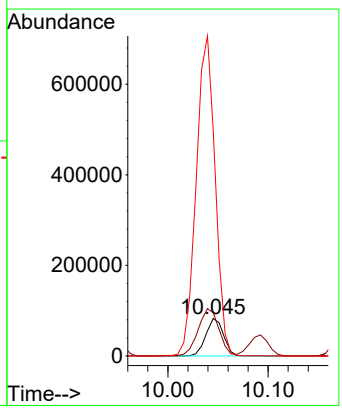
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

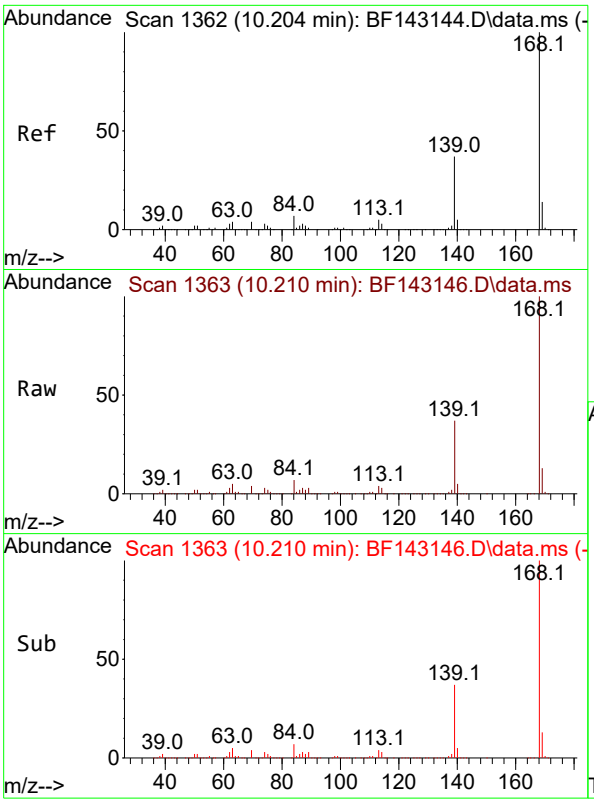


#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491

Ion	Ratio	Lower	Upper
184	100		
63	115.6	81.8	122.6
154	603.3	412.2	618.4

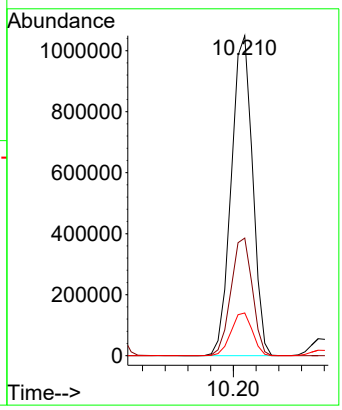




#55
Dibenzofuran
Concen: 56.093 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:168 Resp: 136453

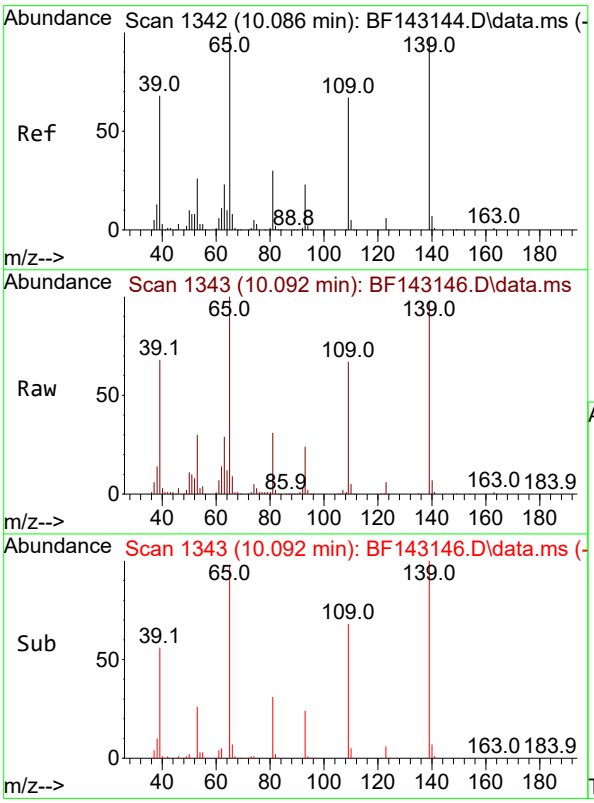
Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.5	44.3
169	13.4	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

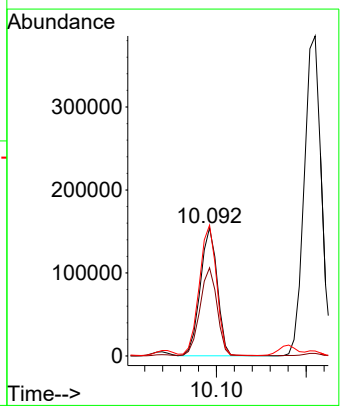
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

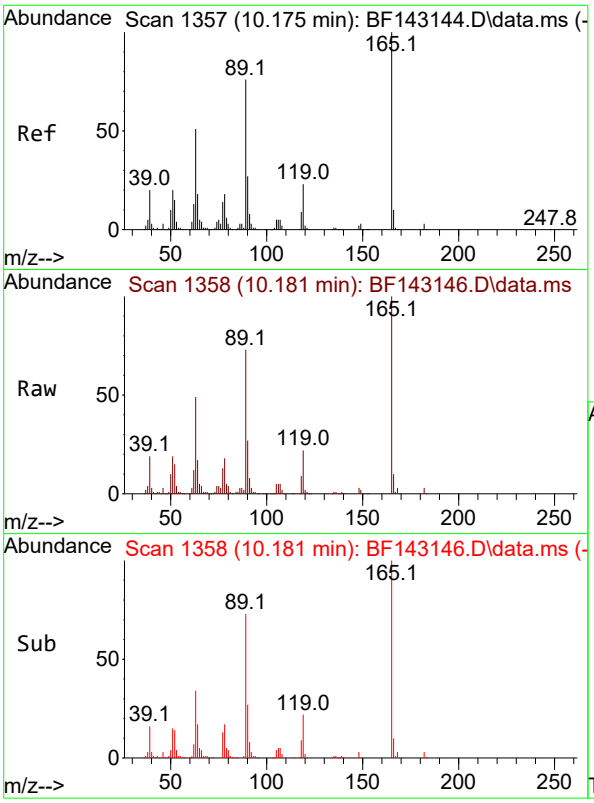


#56
4-Nitrophenol
Concen: 61.312 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 203477

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	102.2	83.4	123.4

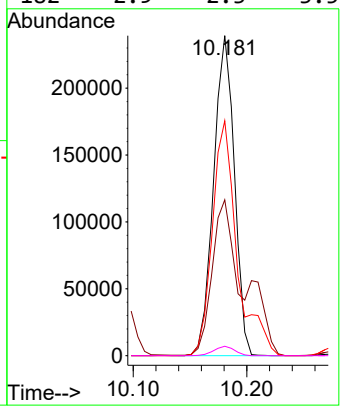




#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:165 Resp: 30446

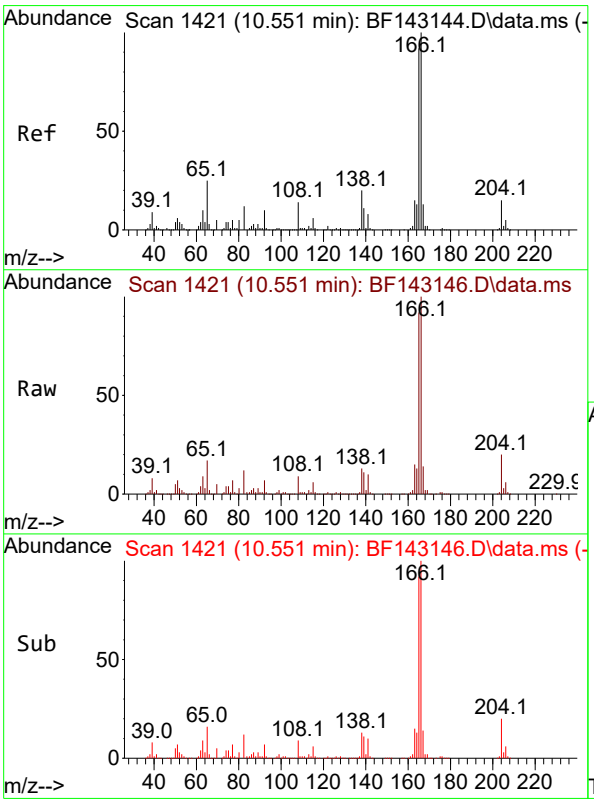
Ion	Ratio	Lower	Upper
165	100		
63	48.7	41.0	61.4
89	73.4	61.1	91.7
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

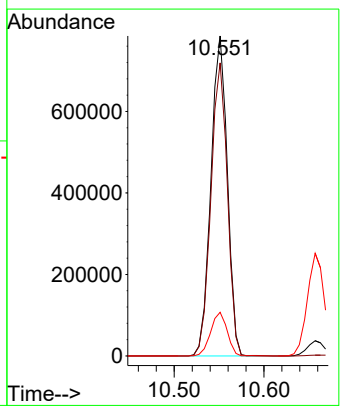
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

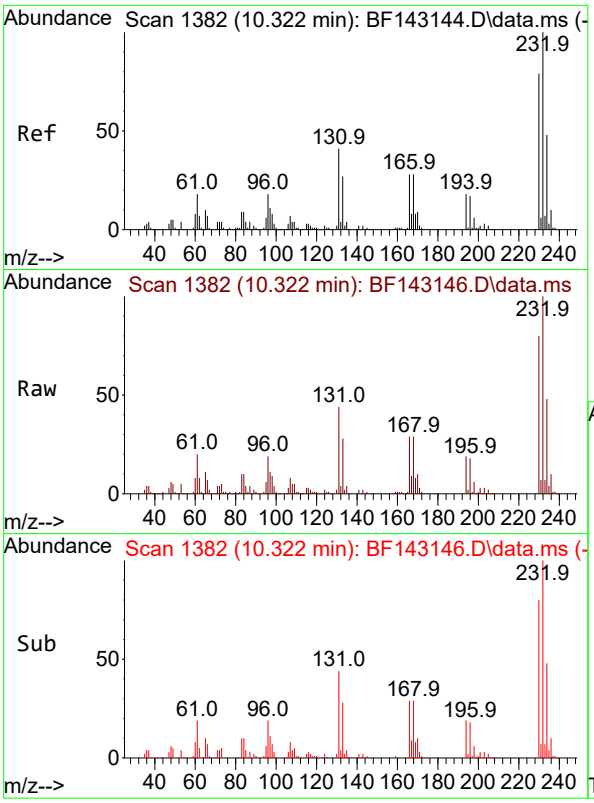


#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:166 Resp: 997710

Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.7	110.5
167	13.6	10.6	16.0

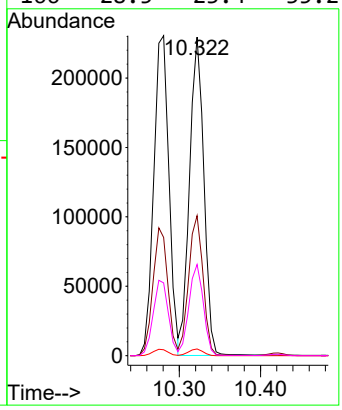




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.678 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:232 Resp: 28312

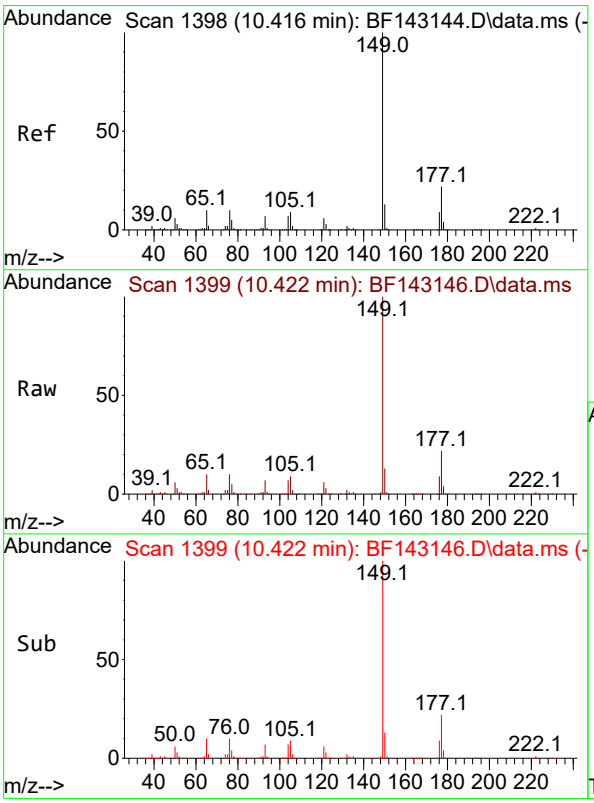
Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.3	52.9
130	2.1	1.7	2.5
166	28.5	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

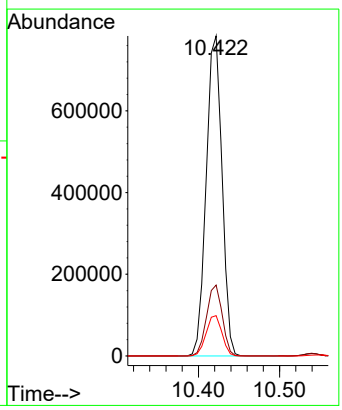
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

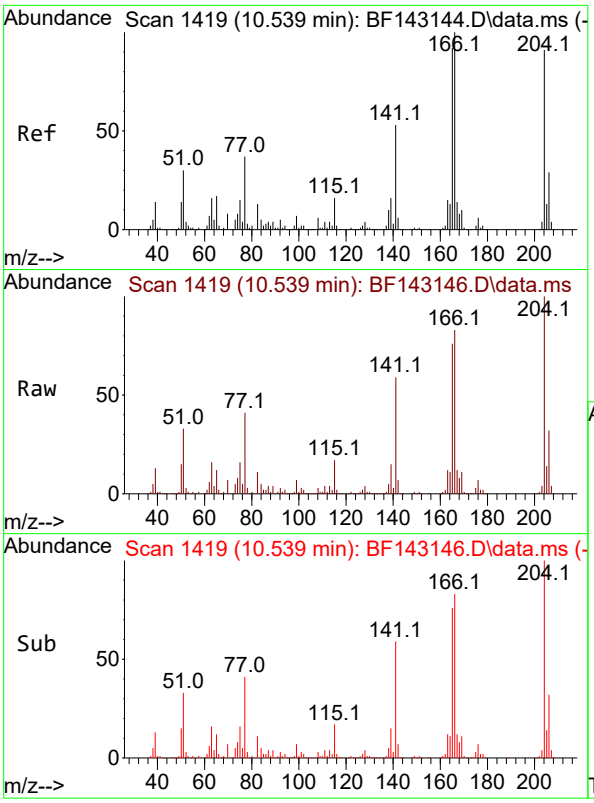


#60
Diethylphthalate
Concen: 57.301 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1057851

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2

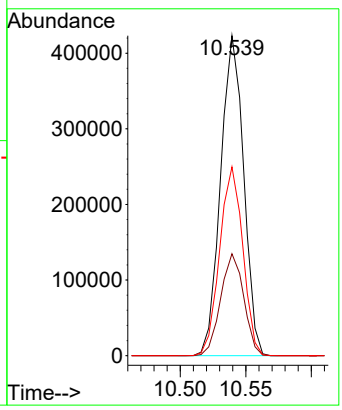




#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:204 Resp: 51698

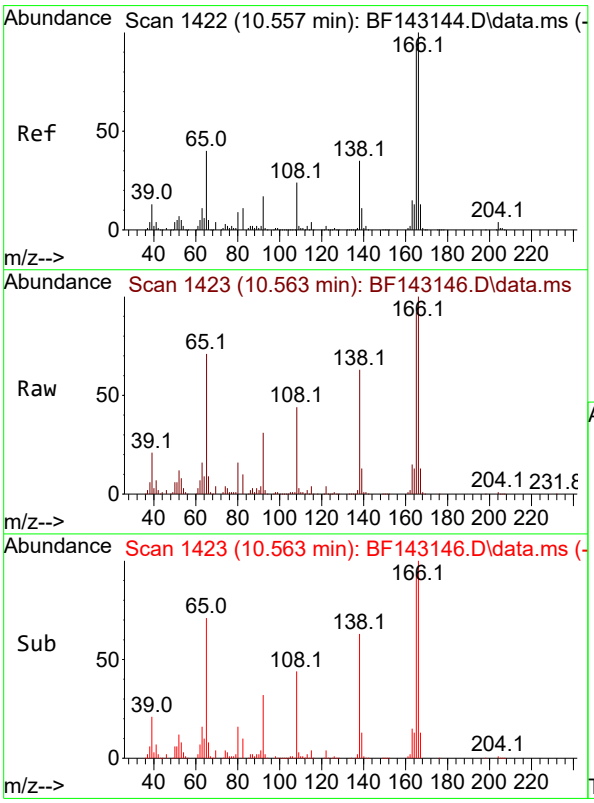
Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	59.0	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

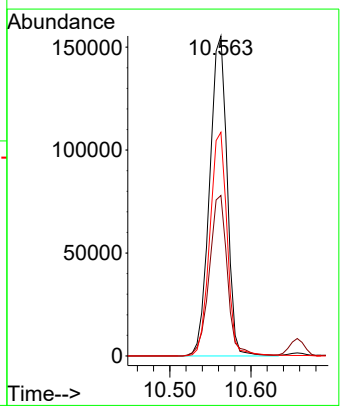
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

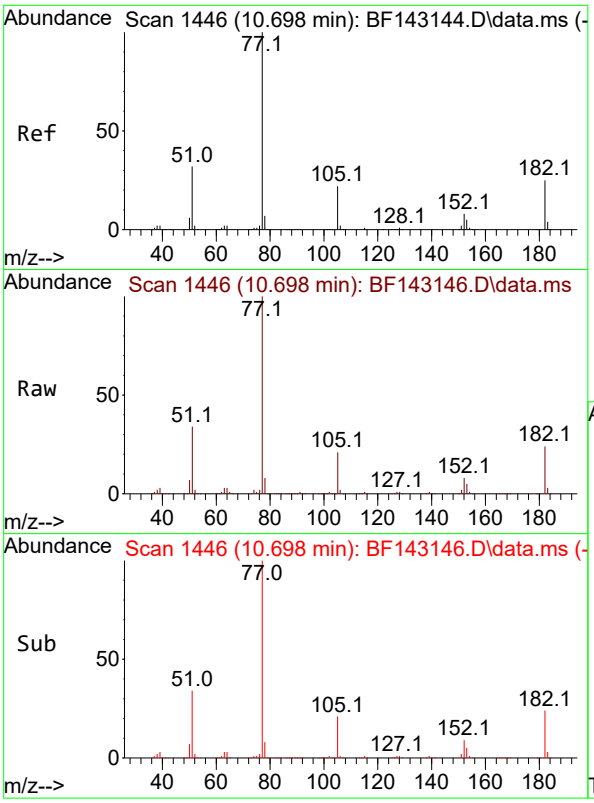


#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 232488

Ion	Ratio	Lower	Upper
138	100		
92	50.2	29.3	69.3
108	69.9	48.3	88.3





#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

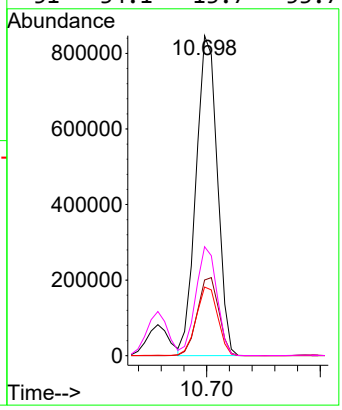
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

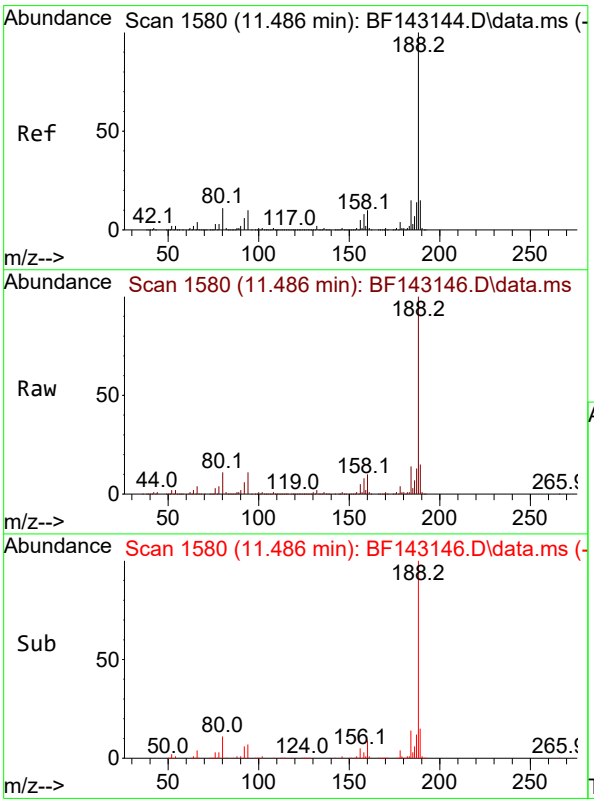
Tgt Ion: 77 Resp: 109877

Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.6	44.6
105	21.4	1.4	41.4
51	34.1	13.7	53.7

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

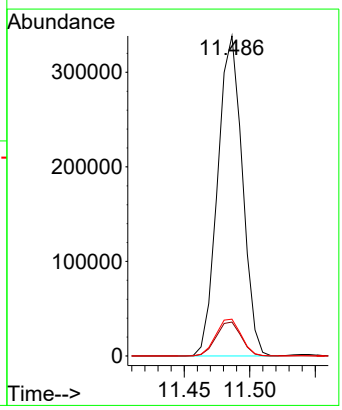


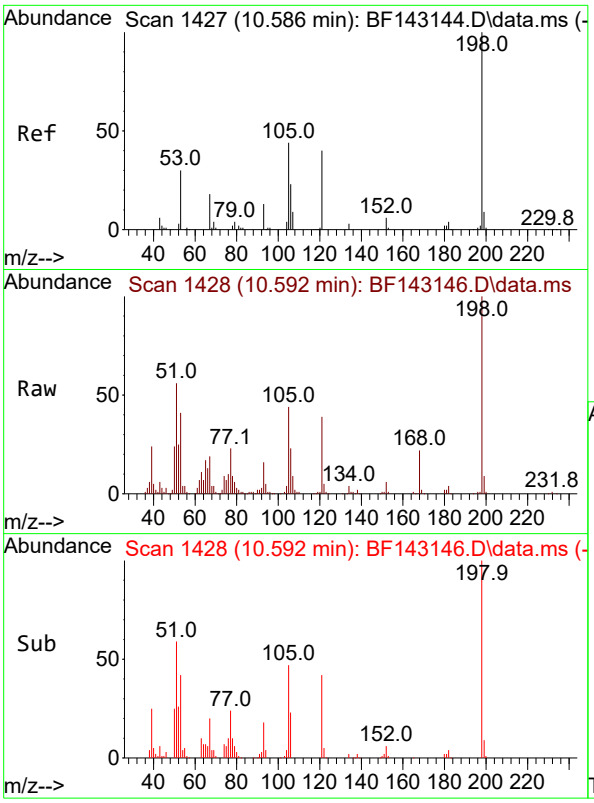


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:188 Resp: 442888

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.5	9.0	13.6

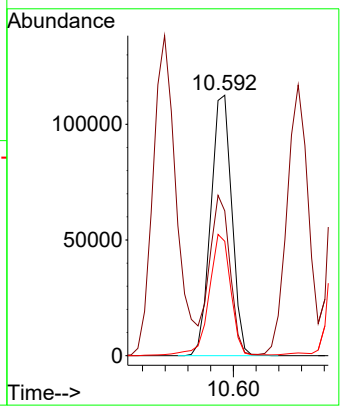




#65
4,6-Dinitro-2-methylphenol
Concen: 60.728 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:198 Resp: 14475

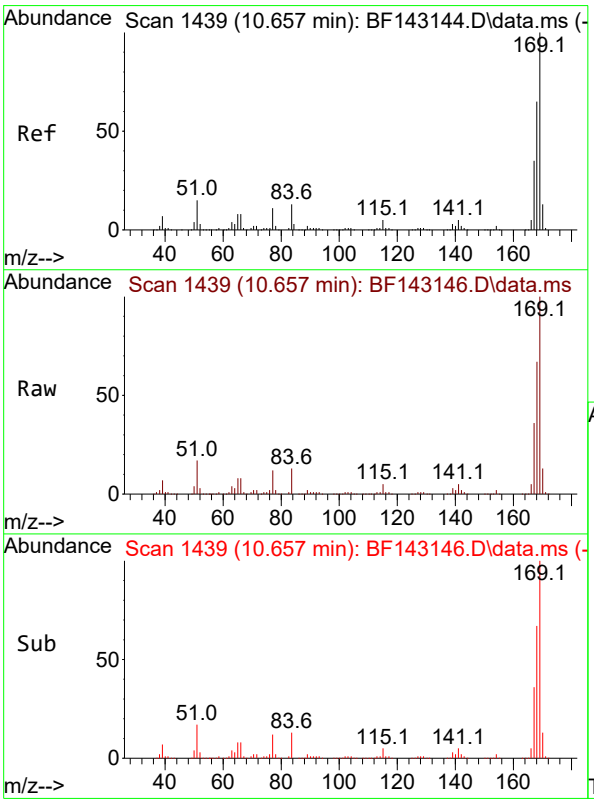
Ion	Ratio	Lower	Upper
198	100		
51	55.6	37.2	77.2
105	43.9	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

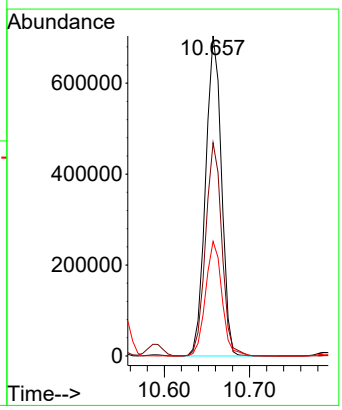
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

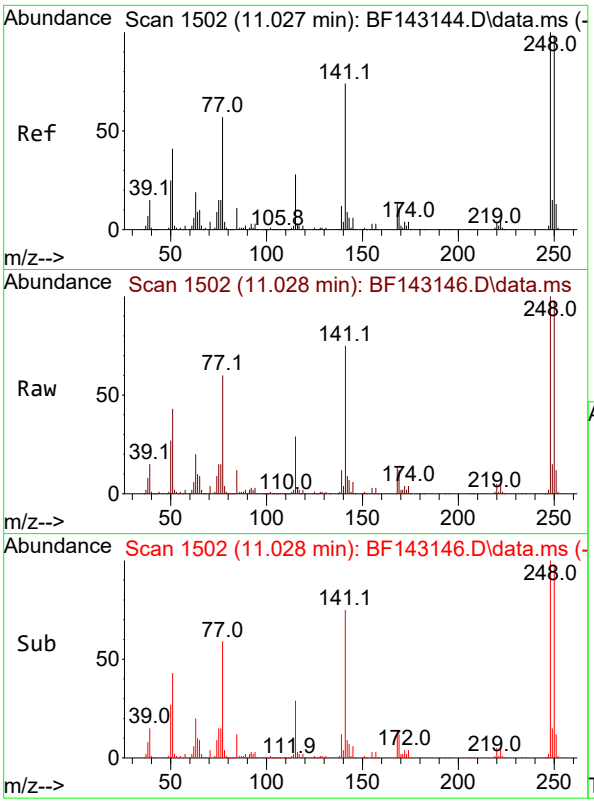


#66
n-Nitrosodiphenylamine
Concen: 58.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:169 Resp: 910468

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.1	78.1
167	35.8	28.2	42.2

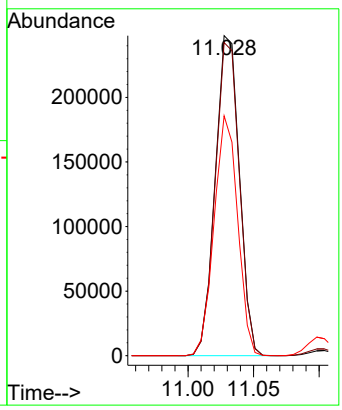




#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:248 Resp: 31808

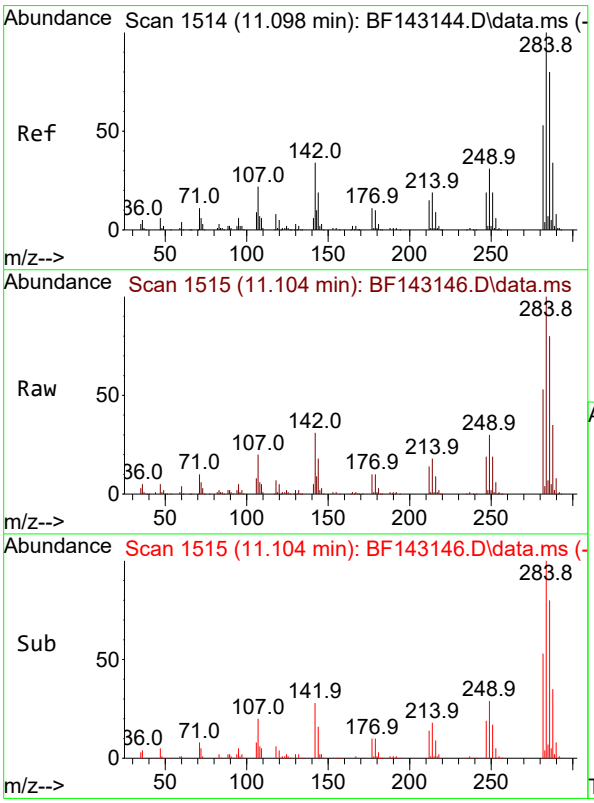
Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	75.0	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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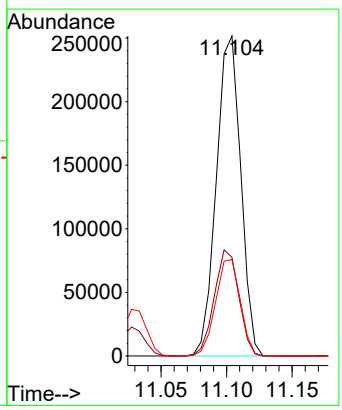
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

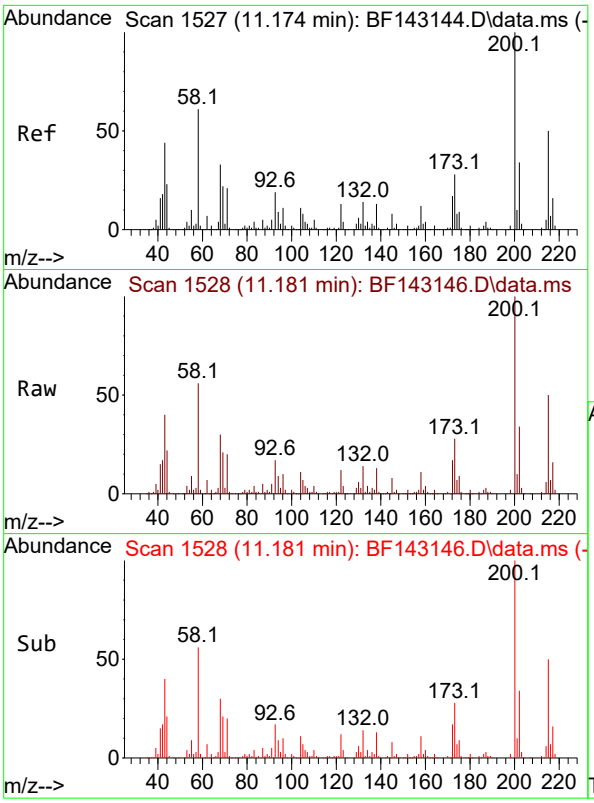


#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:284 Resp: 325779

Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.0	40.6
249	30.1	25.0	37.6

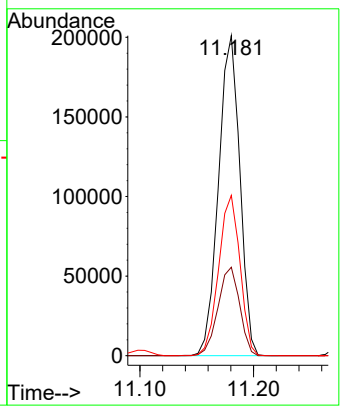




#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:200 Resp: 26237

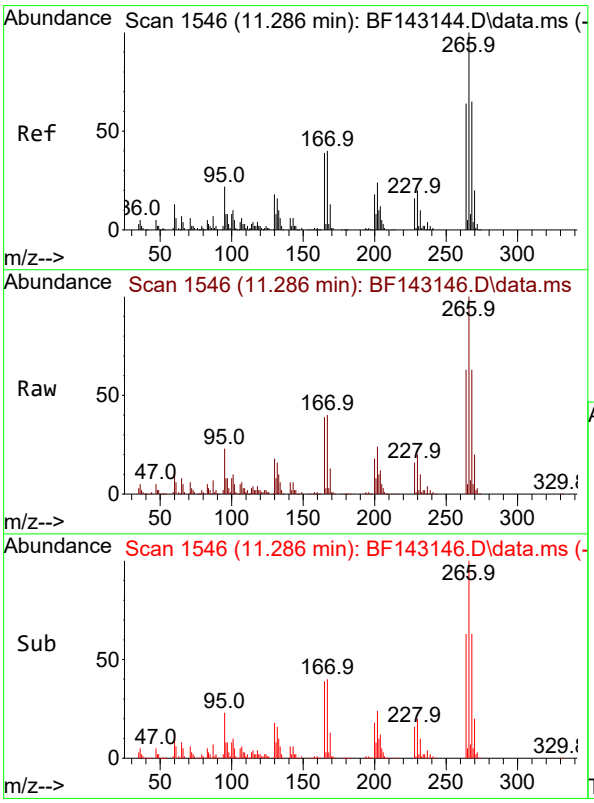
Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.9	47.9
215	50.1	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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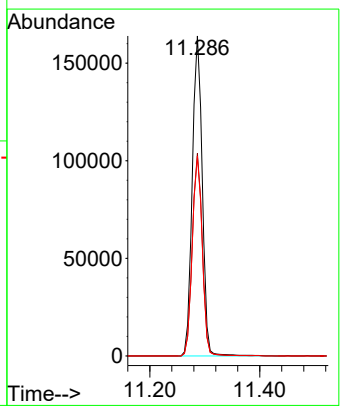
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

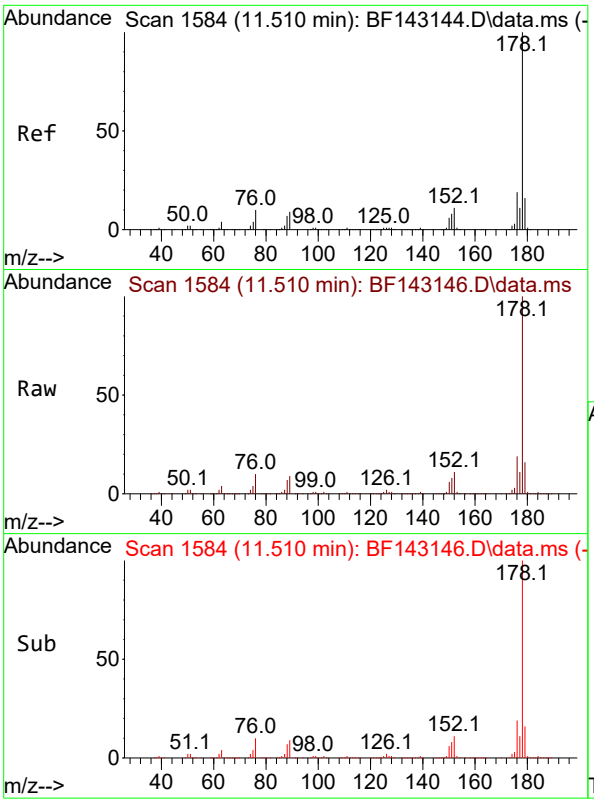


#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:266 Resp: 206417

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	62.5	51.0	76.6

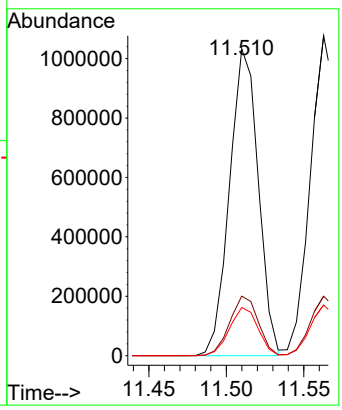




#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 133148

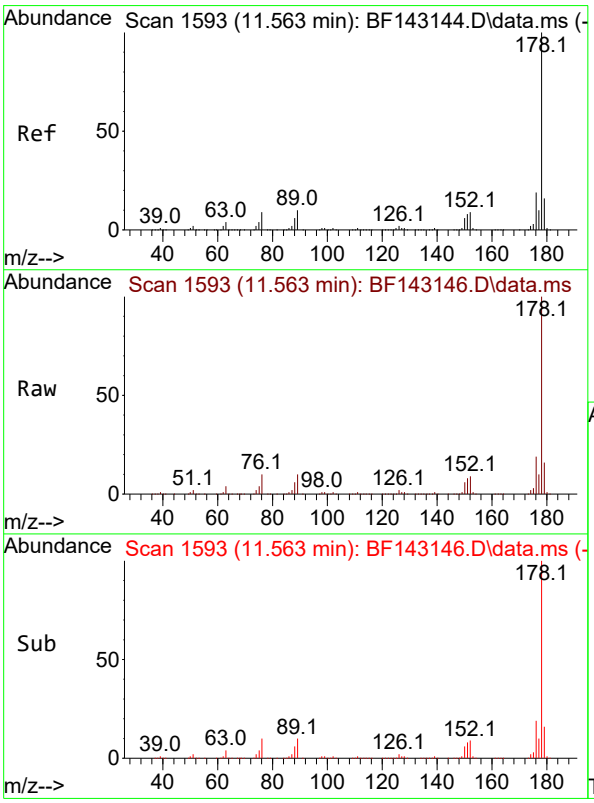
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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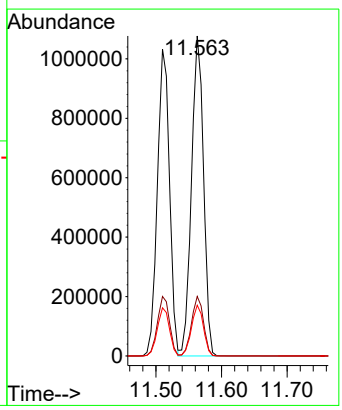
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

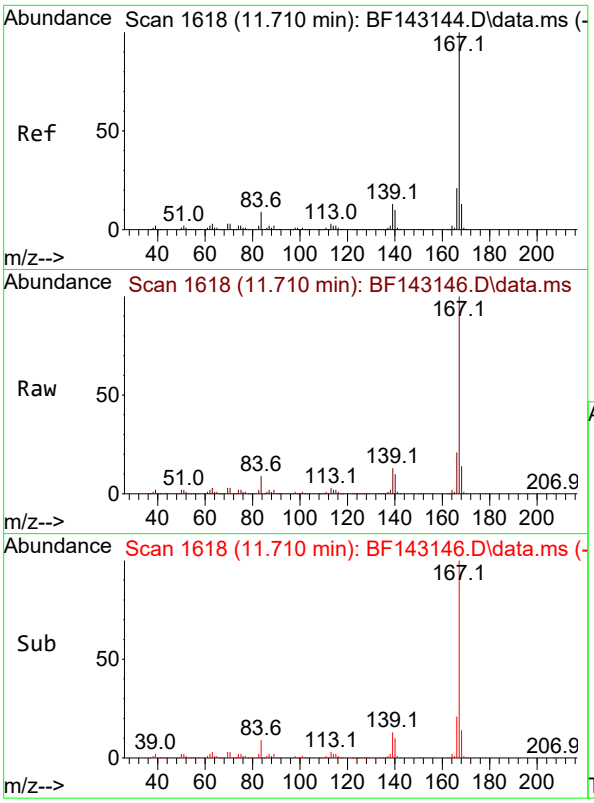


#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 1379601

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.5	18.7

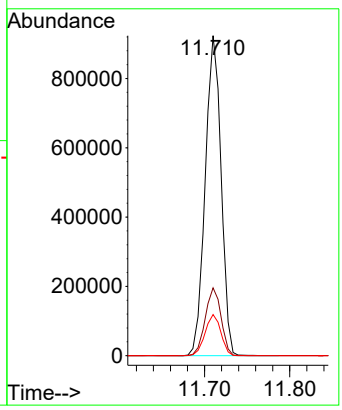




#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:167 Resp: 119402

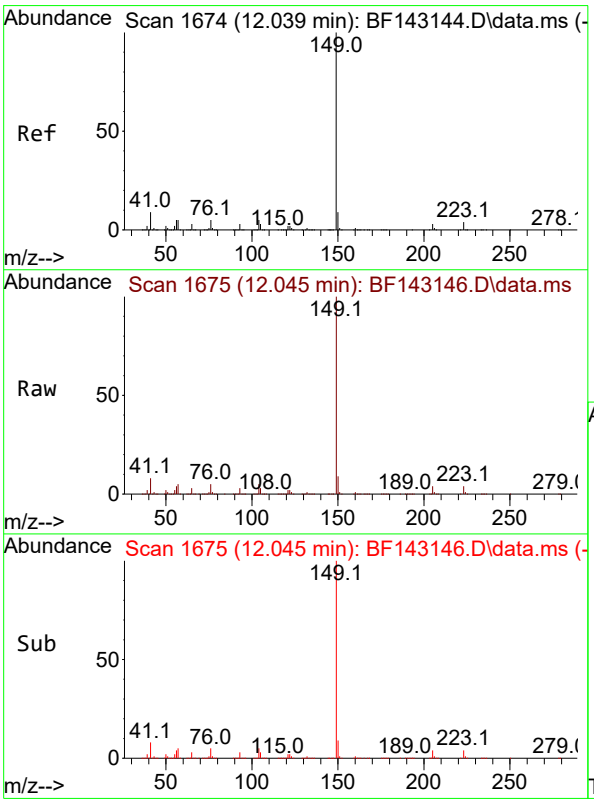
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.9	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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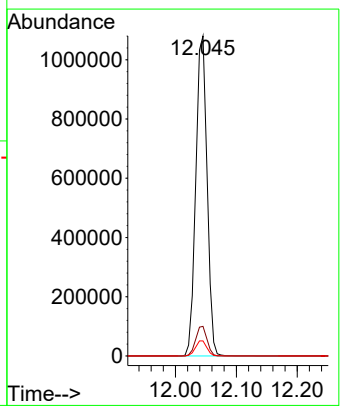
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

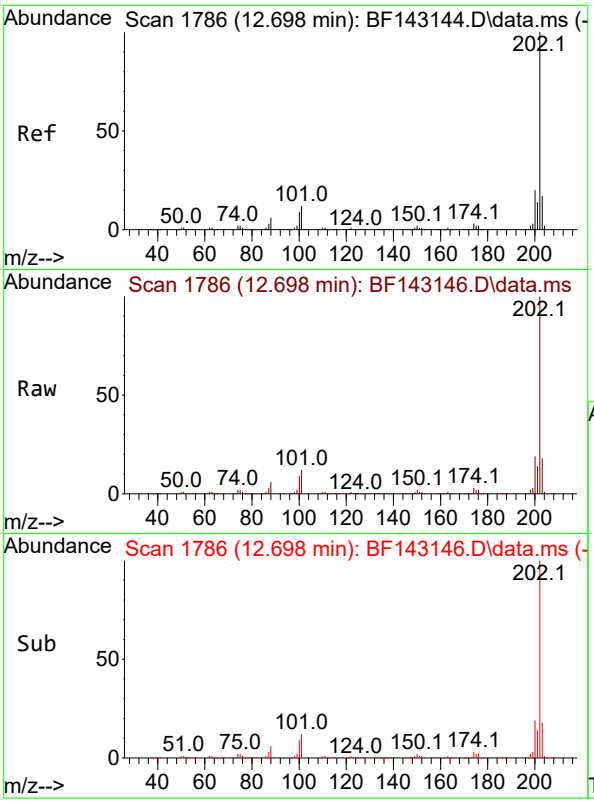


#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1392335

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8





#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

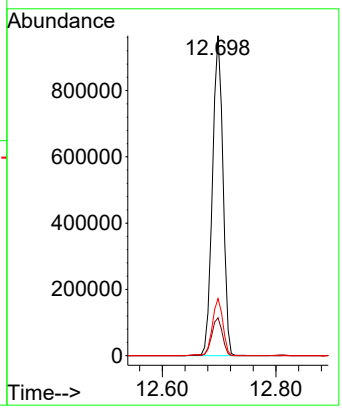
Tgt Ion:202 Resp: 123295

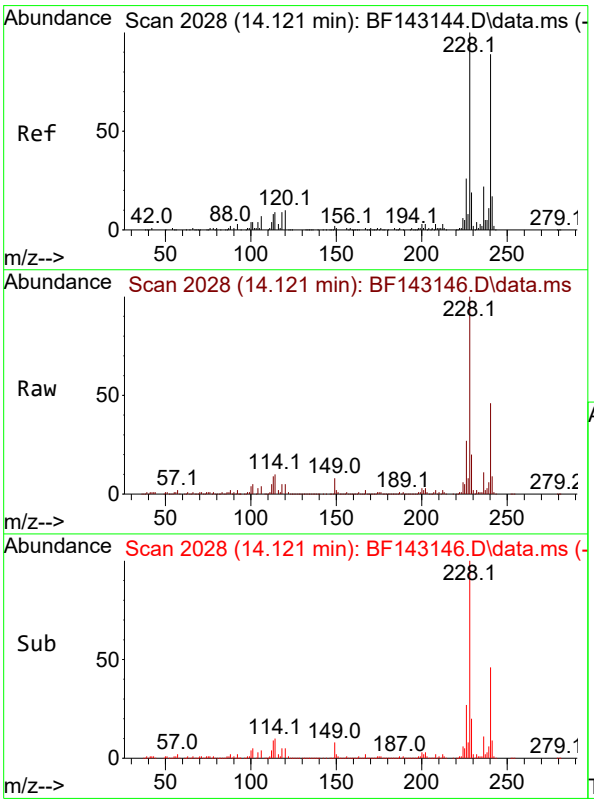
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.8	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

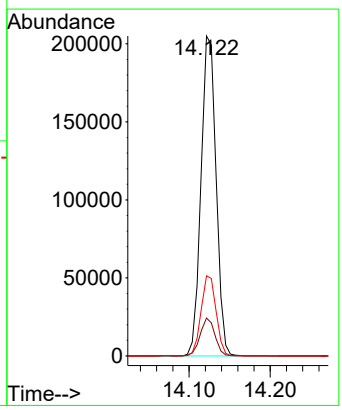


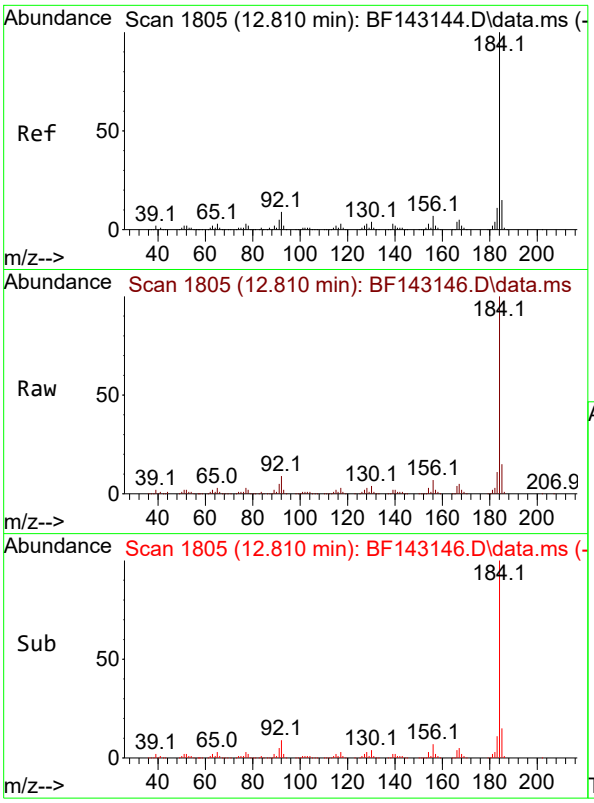


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:240 Resp: 264384

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.1	20.2	30.4

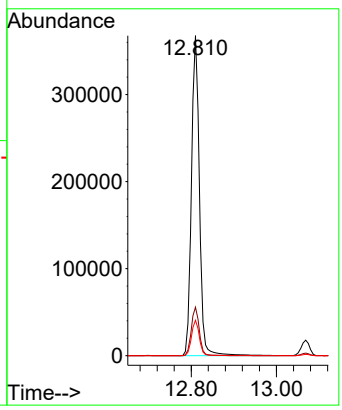




#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 47655

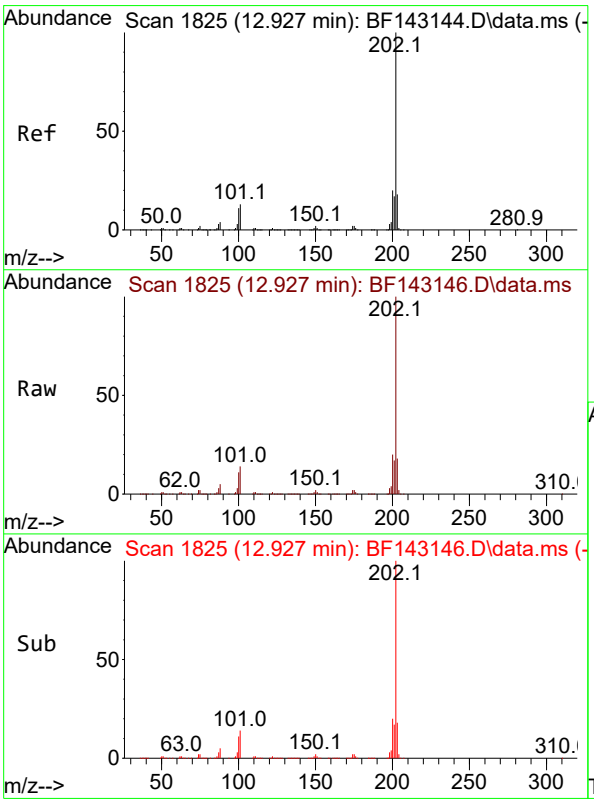
Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.0	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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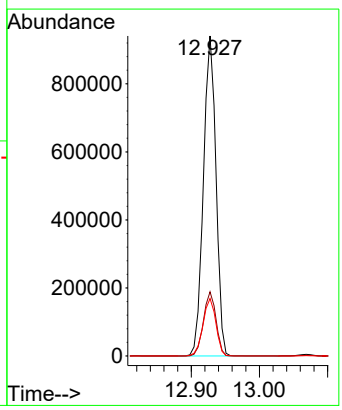
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

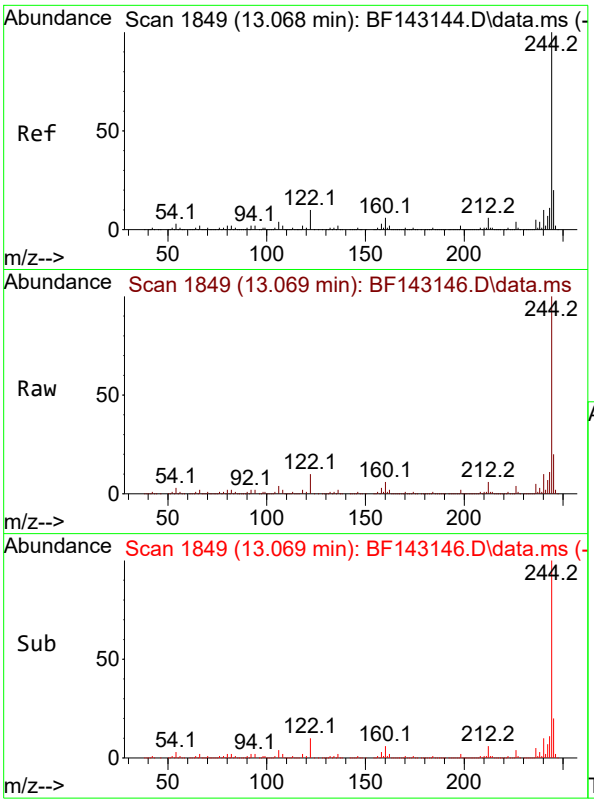


#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	18.0	14.2	21.2

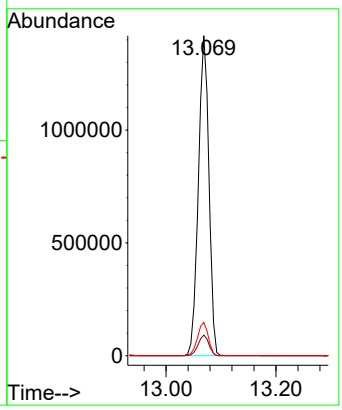




#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:244 Resp: 188854

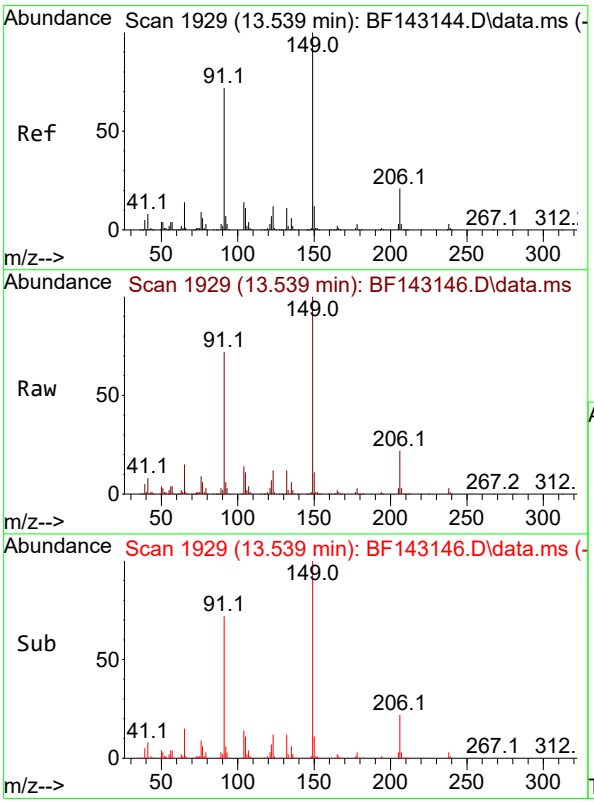
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.4	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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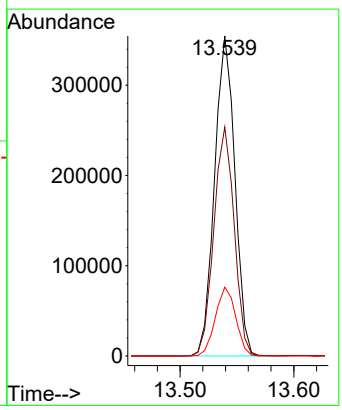
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

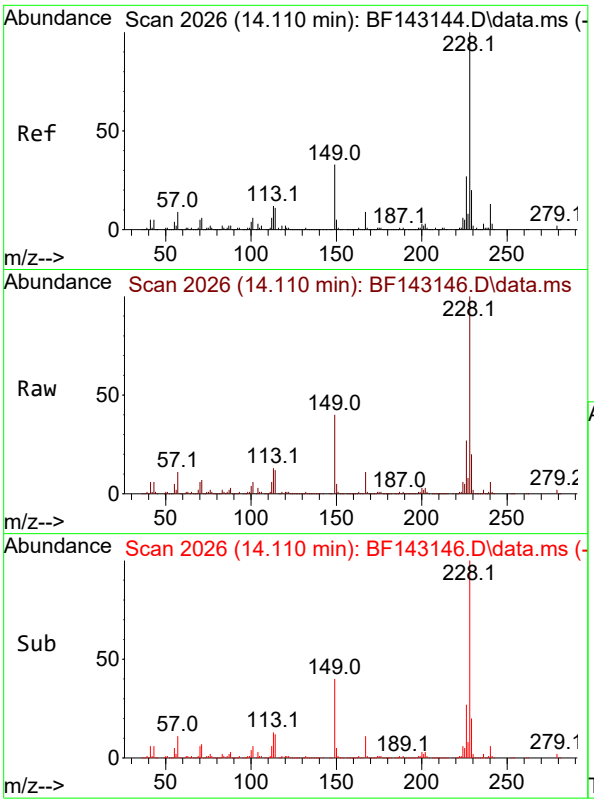


#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 441334

Ion	Ratio	Lower	Upper
149	100		
91	71.6	57.9	86.9
206	21.5	17.0	25.4

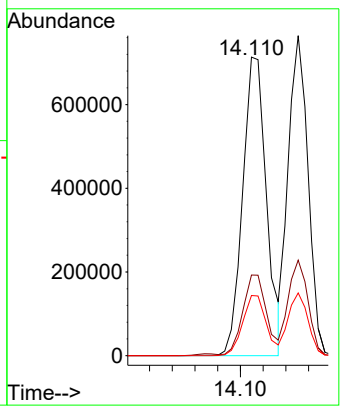




#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:228 Resp: 104123

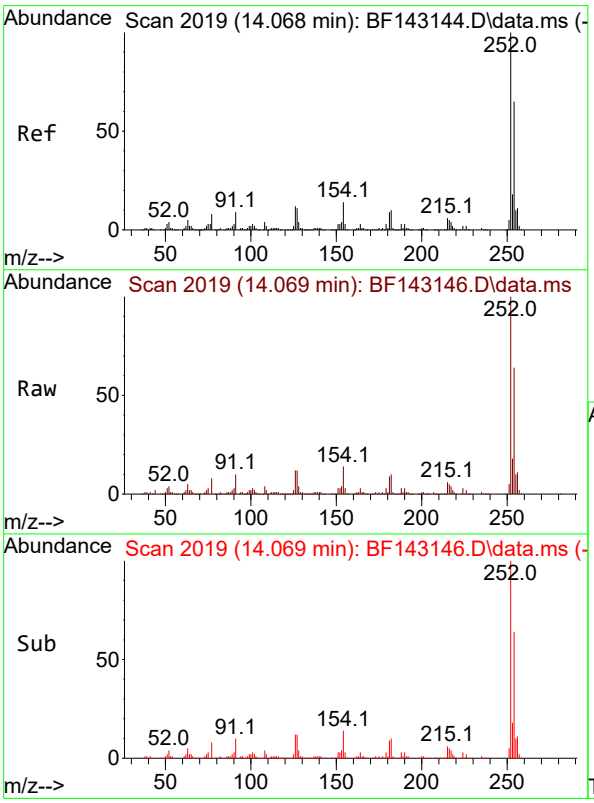
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.2	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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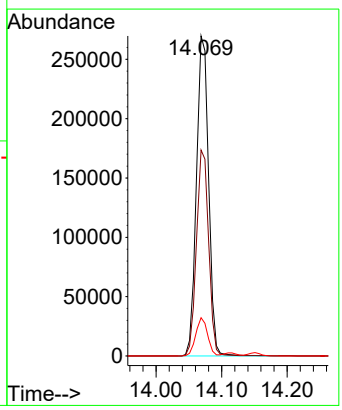
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

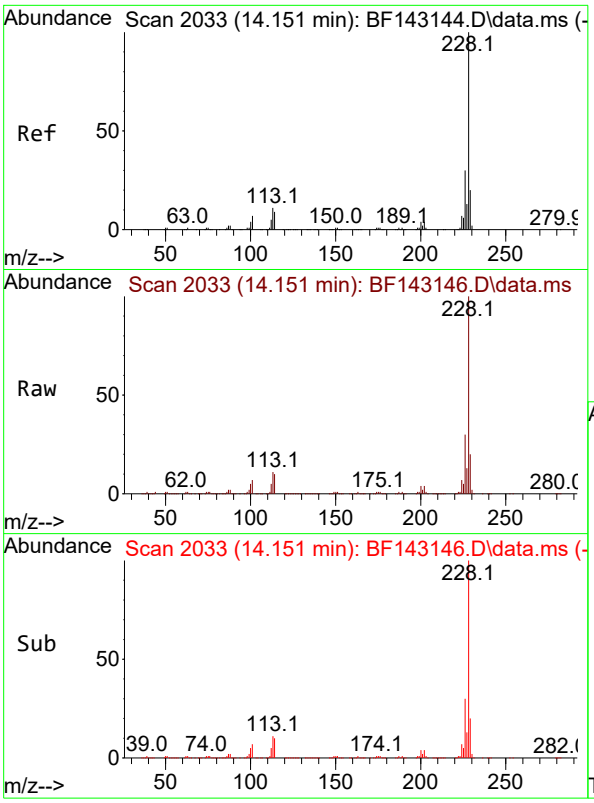


#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 348979

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	12.0	9.4	14.0

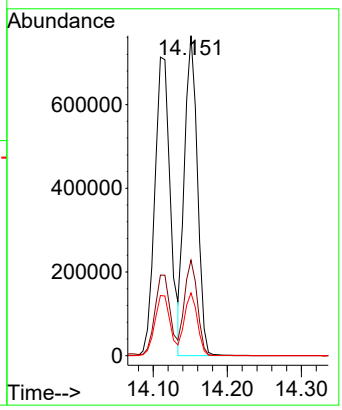




#83
Chrysene
Concen: 58.472 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:228 Resp: 93054

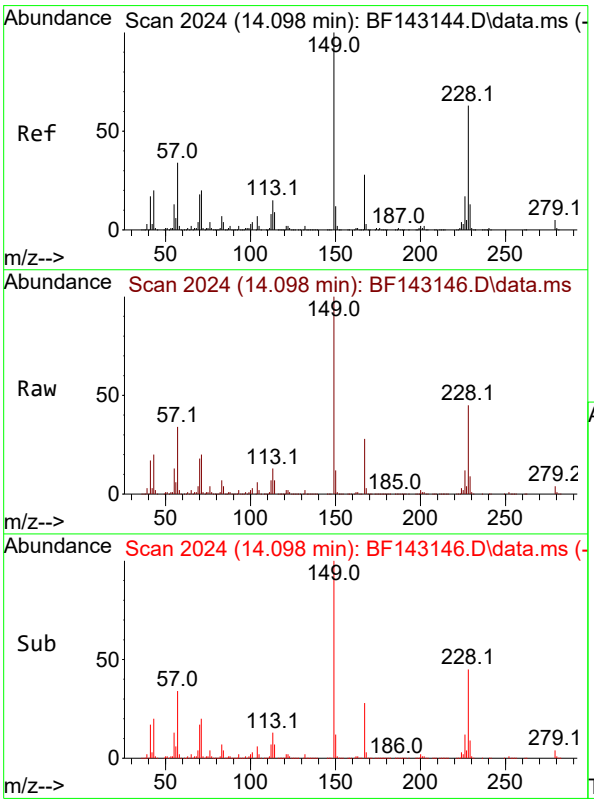
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

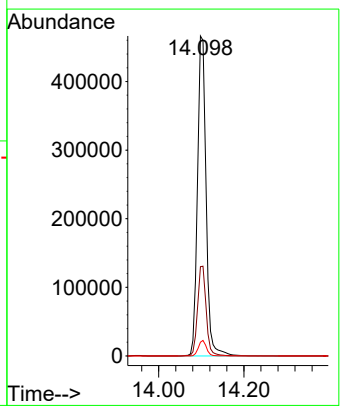
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

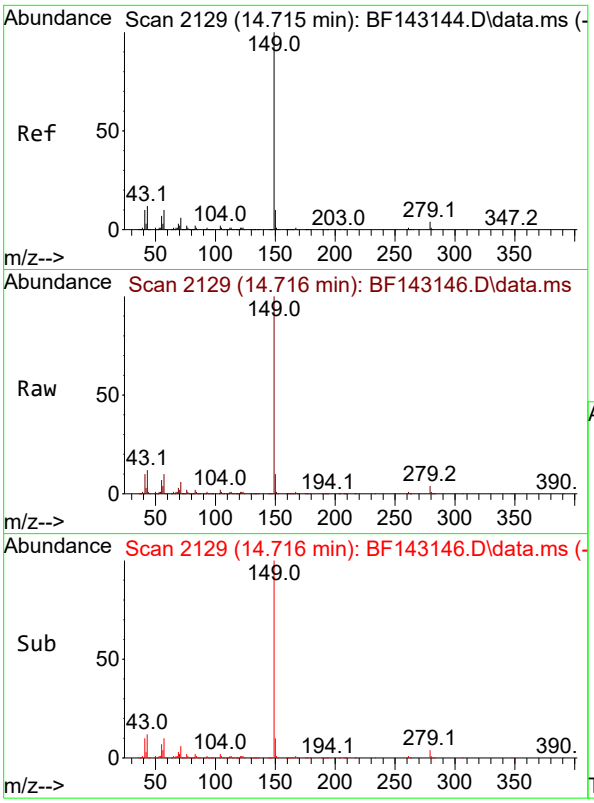


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 655482

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.3	3.6	5.4

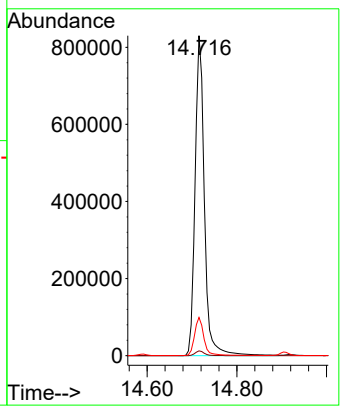




#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 119604

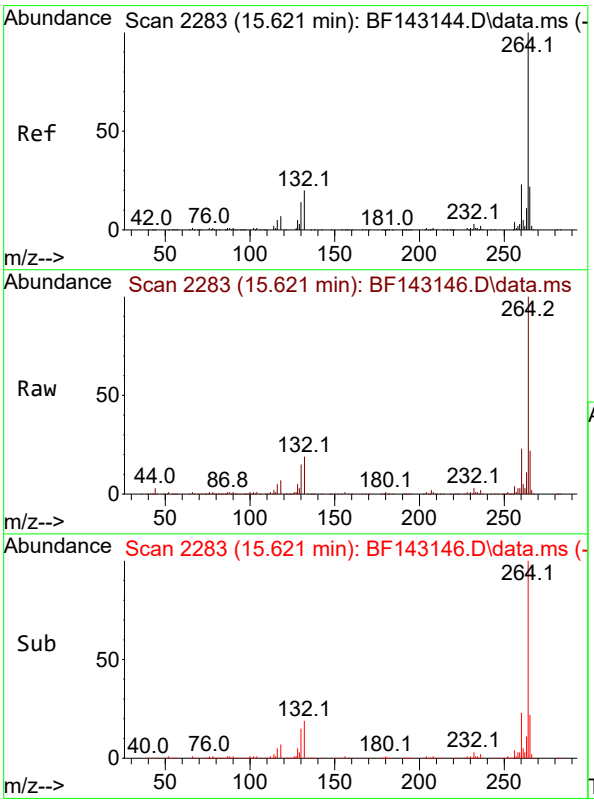
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.0	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

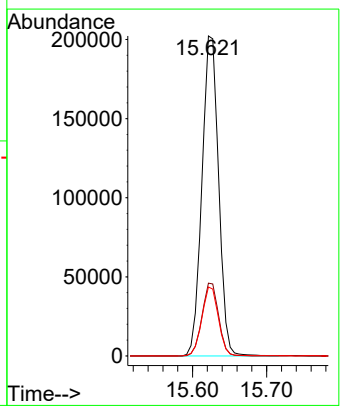
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

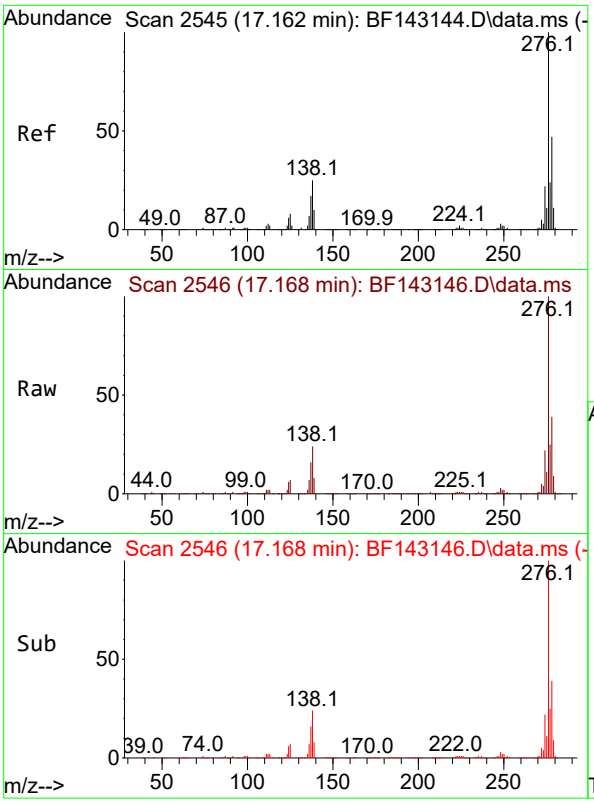


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:264 Resp: 315904

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.5	17.4	26.2

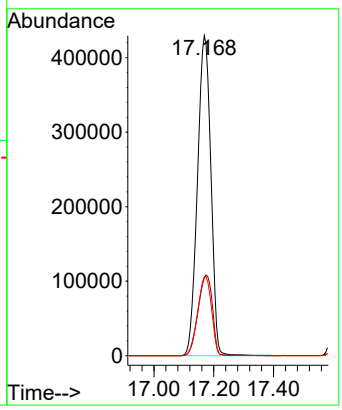




#87
Indeno(1,2,3-cd)pyrene
Concen: 60.037 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 133736

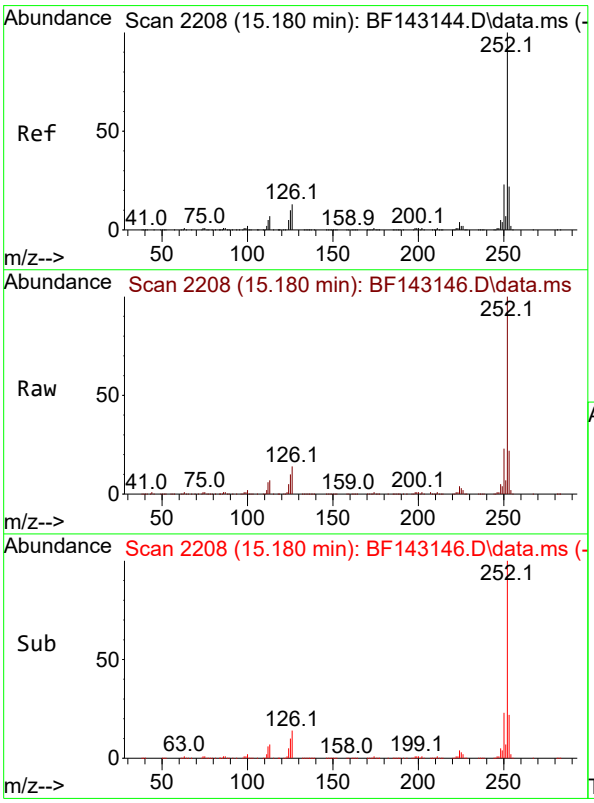
Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.4	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

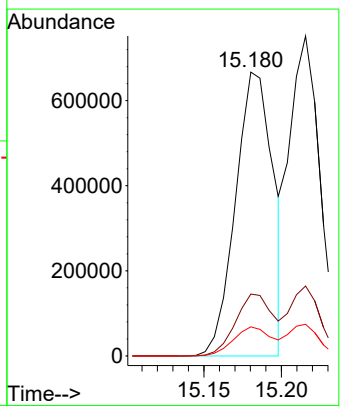
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

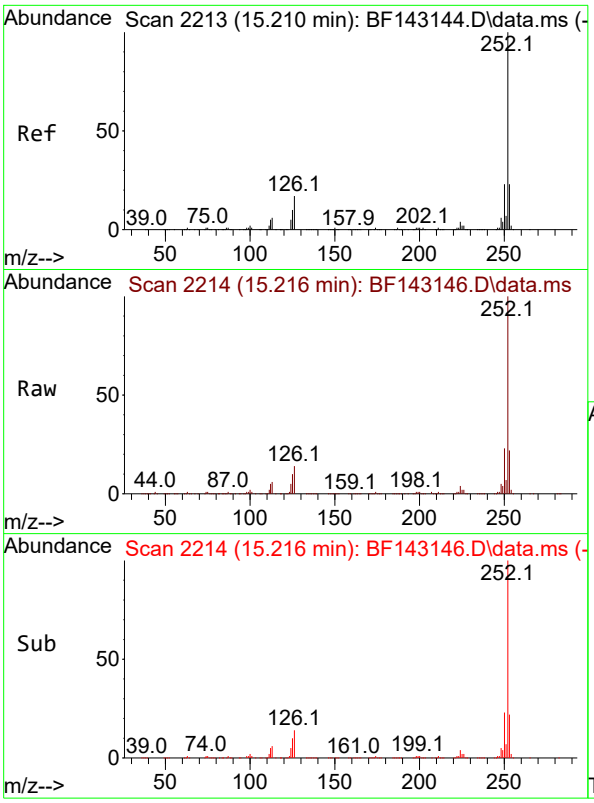


#88
Benzo(b)fluoranthene
Concen: 58.328 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1125667

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.3	8.0	12.0

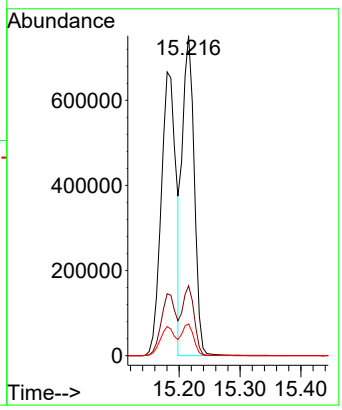




#89
Benzo(k)fluoranthene
Concen: 59.411 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 102313

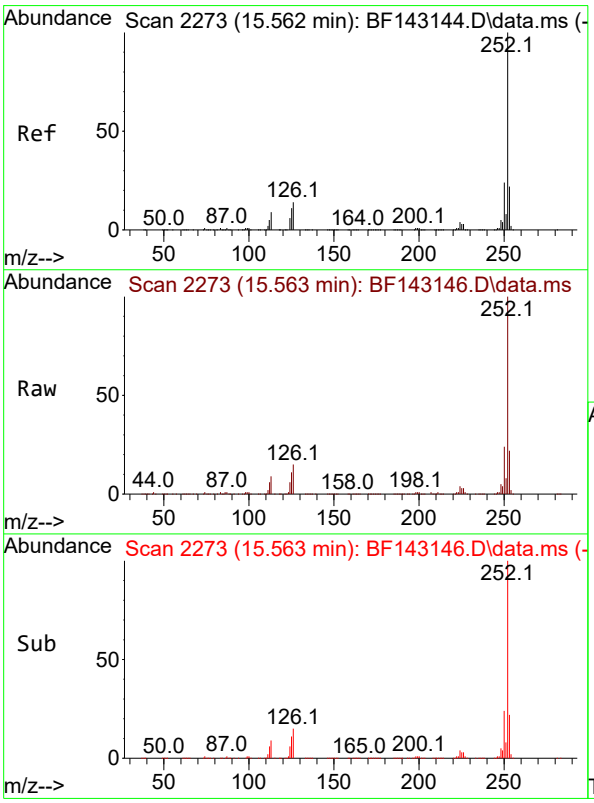
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

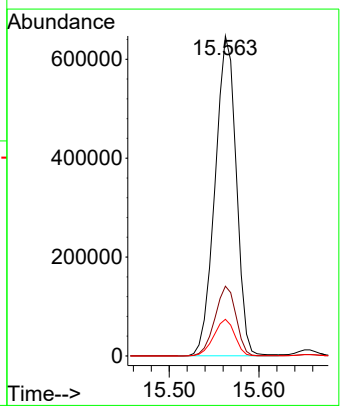
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

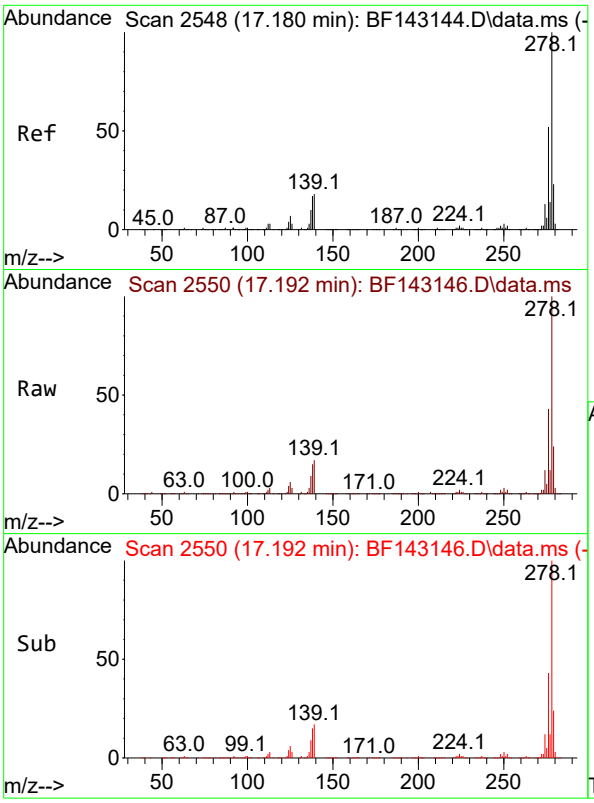


#90
Benzo(a)pyrene
Concen: 59.730 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1062049

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.5	8.6	13.0

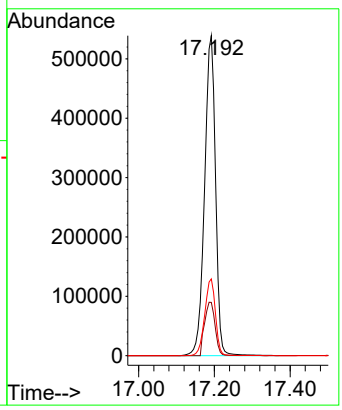




#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:278 Resp: 108076

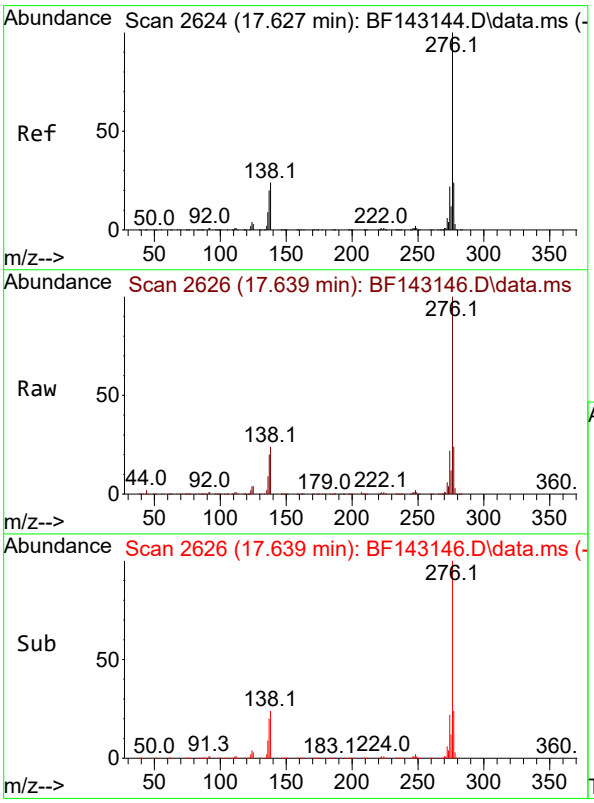
Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.1	21.1
279	24.0	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

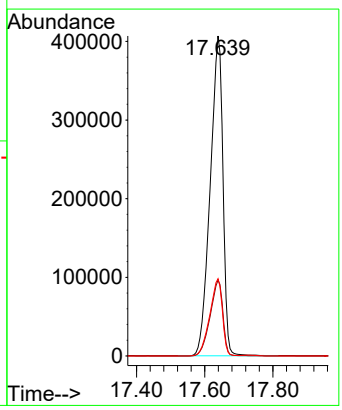
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	24.2	18.9	28.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	145034	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	544516	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	275619	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	429046	20.000	ng		0.00
76) Chrysene-d12	14.127	240	245351	20.000	ng		0.00
86) Perylene-d12	15.627	264	296687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1300344	141.880	ng		0.00
7) Phenol-d6	6.593	99	1639937	142.159	ng		0.00
23) Nitrobenzene-d5	7.534	82	1644581	150.551	ng		0.01
42) 2,4,6-Tribromophenol	10.792	330	437054	153.498	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2623071	130.157	ng		0.00
79) Terphenyl-d14	13.069	244	2202828	133.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	323993	74.710	ng		99
3) Pyridine	3.569	79	842446	74.844	ng		99
4) n-Nitrosodimethylamine	3.528	42	445612	76.677	ng		97
6) Aniline	6.628	93	1170943	72.831	ng		98
8) 2-Chlorophenol	6.751	128	699193	72.781	ng		99
9) Benzaldehyde	6.516	77	493544	57.055	ng		99
10) Phenol	6.610	94	888041m	70.663	ng		
11) bis(2-Chloroethyl)ether	6.698	93	697645	72.503	ng		100
12) 1,3-Dichlorobenzene	6.910	146	734699	70.400	ng		100
13) 1,4-Dichlorobenzene	6.987	146	739462	70.360	ng		99
14) 1,2-Dichlorobenzene	7.140	146	709300	70.958	ng		100
15) Benzyl Alcohol	7.104	79	661847	75.139	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1265589	70.902	ng		99
17) 2-Methylphenol	7.210	107	595477	73.719	ng		99
18) Hexachloroethane	7.481	117	266665	73.293	ng		99
19) n-Nitroso-di-n-propyla...	7.387	70	528820	71.452	ng		99
20) 3+4-Methylphenols	7.369	107	673906	68.763	ng	#	87
22) Acetophenone	7.375	105	890890	69.107	ng	#	95
24) Nitrobenzene	7.551	77	751964	73.836	ng		100
25) Isophorone	7.792	82	1453353	75.366	ng		99
26) 2-Nitrophenol	7.863	139	364951	82.568	ng		100
27) 2,4-Dimethylphenol	7.898	122	649144	72.050	ng		99
28) bis(2-Chloroethoxy)met...	7.992	93	834021	72.134	ng		99
29) 2,4-Dichlorophenol	8.104	162	558665	73.527	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	588333	71.673	ng		99
31) Naphthalene	8.269	128	1854387	69.150	ng		100
32) Benzoic acid	8.028	122	423625m	79.801	ng		
33) 4-Chloroaniline	8.310	127	787243	71.895	ng		98
34) Hexachlorobutadiene	8.392	225	368327	73.453	ng		99
35) Caprolactam	8.698	113	178271	77.644	ng		96
36) 4-Chloro-3-methylphenol	8.792	107	614048	74.354	ng		99
37) 2-Methylnaphthalene	8.957	142	1137176	69.687	ng		100
38) 1-Methylnaphthalene	9.057	142	1168702	69.550	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	568070	71.389	ng		99
41) Hexachlorocyclopentadiene	9.122	237	412756	79.719	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	412148	74.838	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	423565	76.888	ng		99
46) 1,1'-Biphenyl	9.428	154	1492094	69.388	ng		100
47) 2-Chloronaphthalene	9.451	162	1131626	71.122	ng		100
48) 2-Nitroaniline	9.534	65	404023	80.971	ng		96
49) Acenaphthylene	9.869	152	1868062	70.057	ng		100
50) Dimethylphthalate	9.728	163	1288559	71.723	ng		99
51) 2,6-Dinitrotoluene	9.781	165	292718	80.093	ng		99
52) Acenaphthene	10.039	154	1120315	71.086	ng		99
53) 3-Nitroaniline	9.951	138	333980	78.128	ng		98
54) 2,4-Dinitrophenol	10.051	184	133446	80.516	ng	#	40
55) Dibenzofuran	10.210	168	1615399	69.038	ng		99
56) 4-Nitrophenol	10.098	139	252698	79.161	ng		99
57) 2,4-Dinitrotoluene	10.186	165	376124	82.029	ng		96
58) Fluorene	10.551	166	1197731	68.203	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	340118	74.533	ng		100
60) Diethylphthalate	10.422	149	1276217	71.870	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	614962	70.326	ng		99
62) 4-Nitroaniline	10.569	138	291926	79.680	ng		98
63) Azobenzene	10.704	77	1318720	71.255	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	186415	78.948	ng		98
66) n-Nitrosodiphenylamine	10.663	169	1087990	72.014	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	382122	74.734	ng		98
68) Hexachlorobenzene	11.104	284	399107	74.680	ng		96
69) Atrazine	11.180	200	324126	77.819	ng		99
70) Pentachlorophenol	11.286	266	257176	81.829	ng		98
71) Phenanthrene	11.516	178	1602208	70.331	ng		100
72) Anthracene	11.563	178	1641264	70.640	ng		100
73) Carbazole	11.710	167	1435444	70.754	ng		99
74) Di-n-butylphthalate	12.045	149	1699503	74.034	ng		100
75) Fluoranthene	12.698	202	1498103	71.645	ng		99
78) Pyrene	12.927	202	1466205	70.021	ng		100
80) Butylbenzylphthalate	13.539	149	521631	81.353	ng		99
81) Benzo(a)anthracene	14.116	228	1212056	73.788	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	393448	71.867	ng		99
83) Chrysene	14.151	228	1105636	74.863	ng		100
84) Bis(2-ethylhexyl)phtha...	14.104	149	774366	79.790	ng		99
85) Di-n-octyl phthalate	14.716	149	1434055	81.519	ng		99
87) Indeno(1,2,3-cd)pyrene	17.174	276	1604969	76.718	ng		99
88) Benzo(b)fluoranthene	15.186	252	1438518	79.367	ng		100
89) Benzo(k)fluoranthene	15.216	252	1111726	68.737	ng		100
90) Benzo(a)pyrene	15.568	252	1269253	76.006	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	1289789	75.746	ng		99
92) Benzo(g,h,i)perylene	17.645	276	1265778	76.846	ng		100

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

ICAL Form

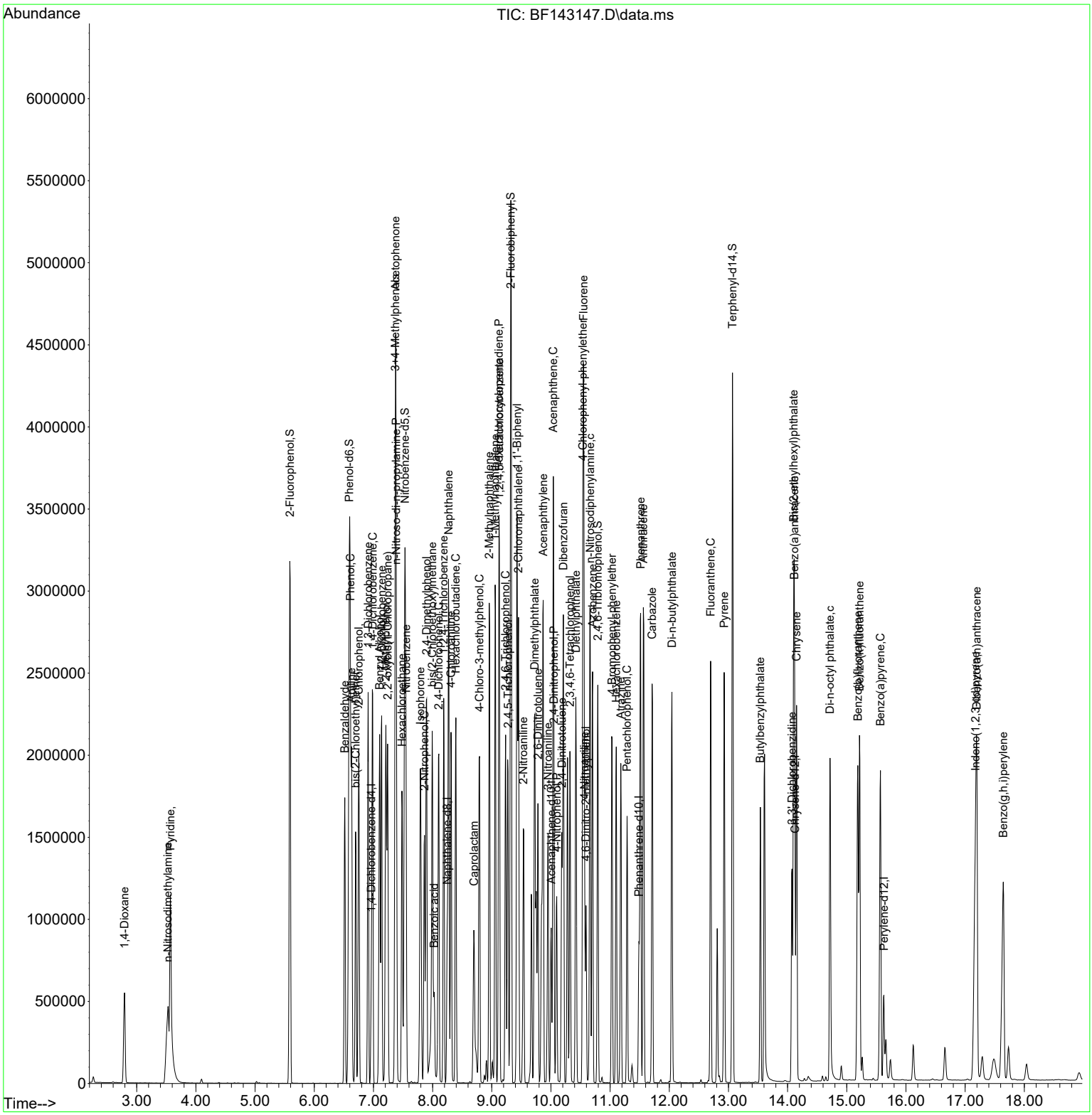
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Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

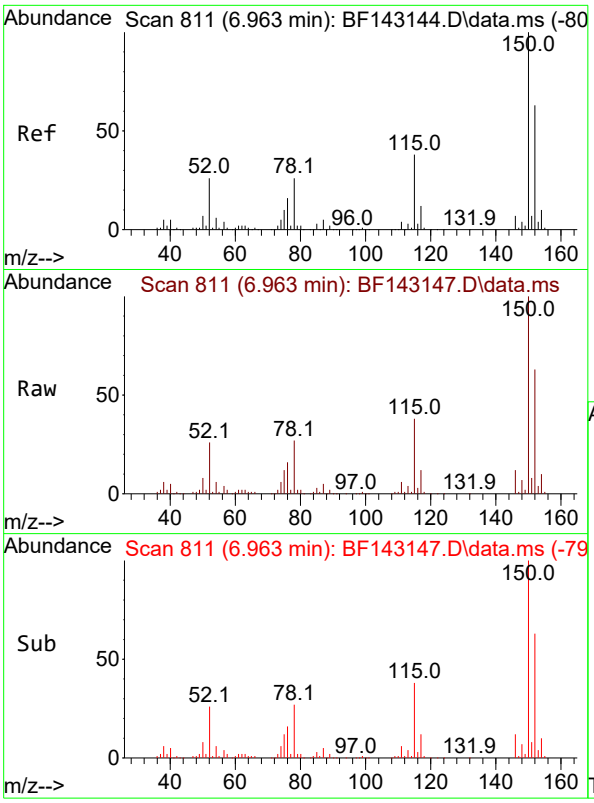
Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

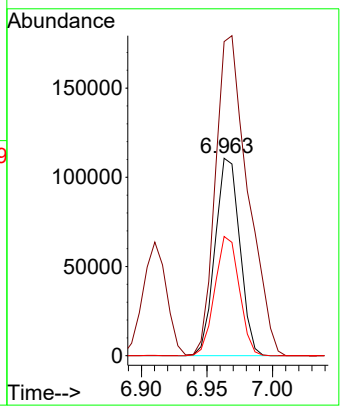




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:152 Resp: 14503

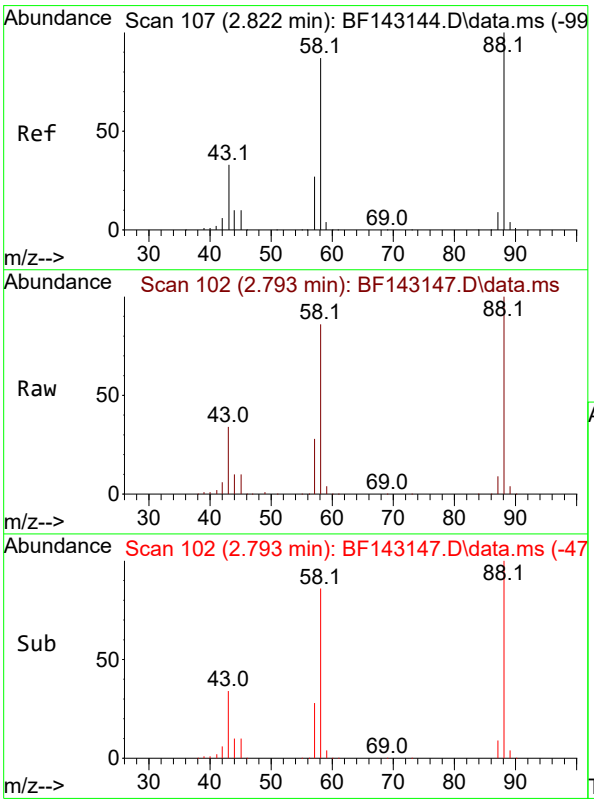
Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.2	192.4
115	60.4	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

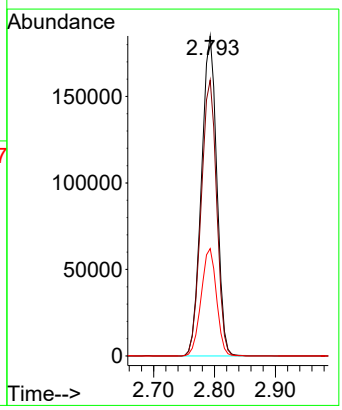
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

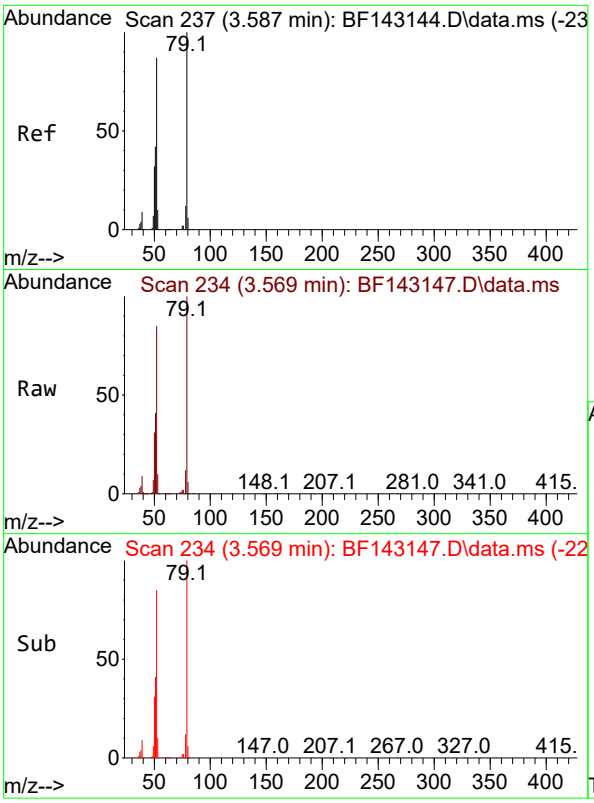


#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 88 Resp: 323993

Ion	Ratio	Lower	Upper
88	100		
58	86.8	70.2	105.2
43	33.6	27.1	40.7

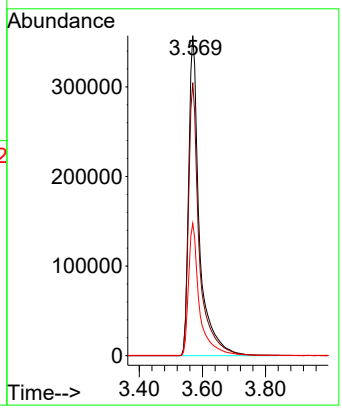




#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 79 Resp: 84244

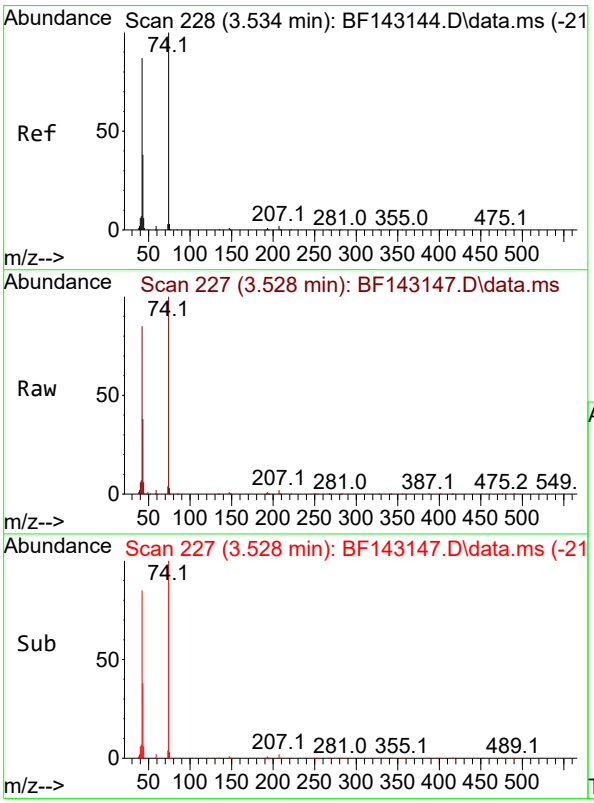
Ion	Ratio	Lower	Upper
79	100		
52	85.3	69.4	104.2
51	41.4	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

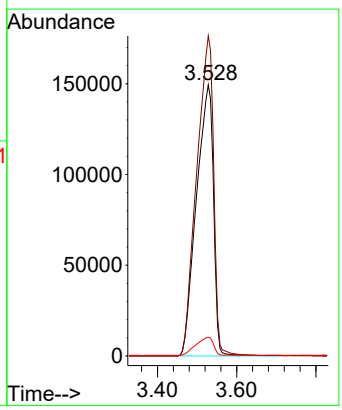
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

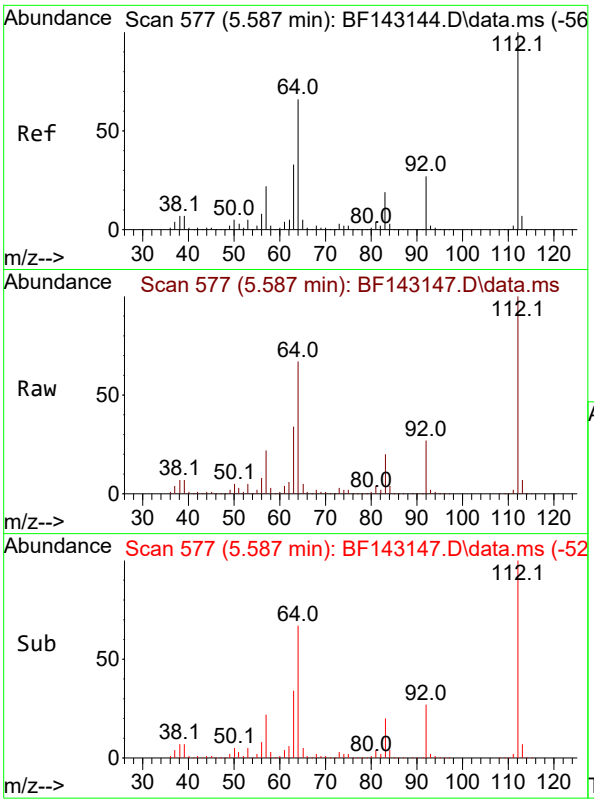


#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 42 Resp: 445612

Ion	Ratio	Lower	Upper
42	100		
74	118.0	91.7	137.5
44	6.9	5.6	8.4





#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

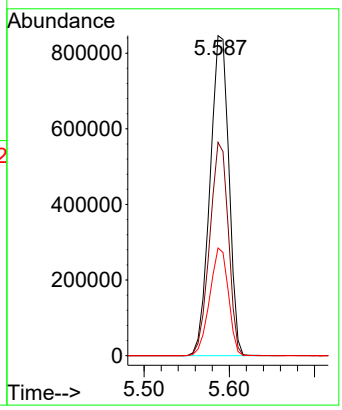
Tgt Ion:112 Resp: 130034

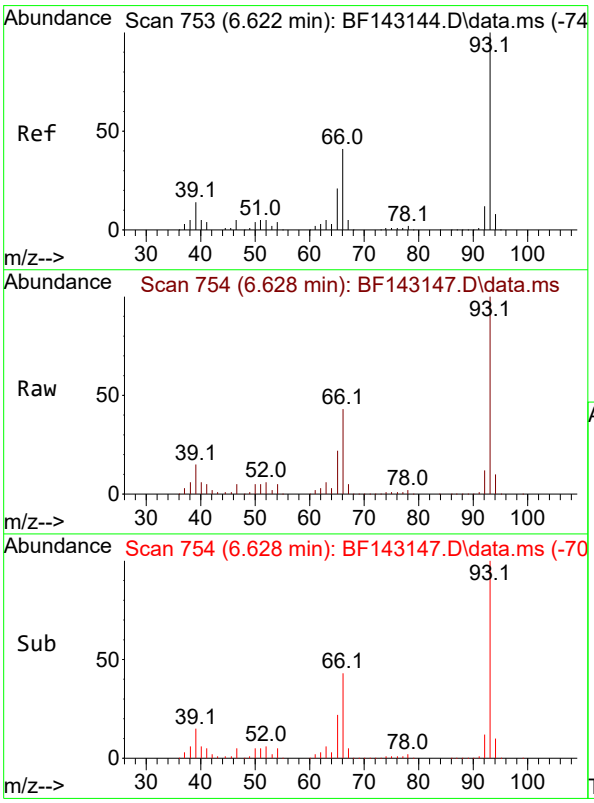
Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.6	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Supervised By :Jagrut Upadhyay 07/18/2025

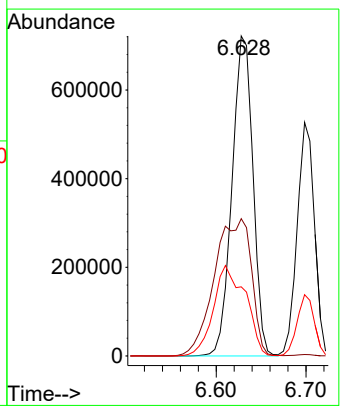


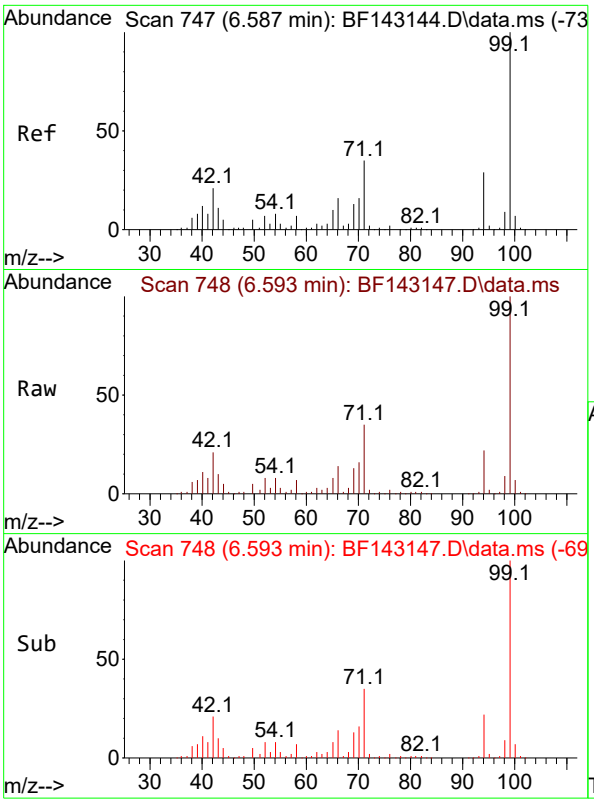


#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943

Ion	Ratio	Lower	Upper
93	100		
66	42.9	33.2	49.8
65	21.6	16.9	25.3

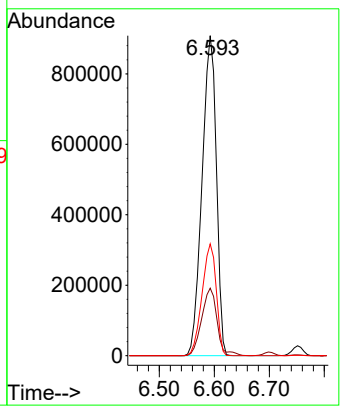




#7
Phenol-d6
Concen: 142.159 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 99 Resp: 163993

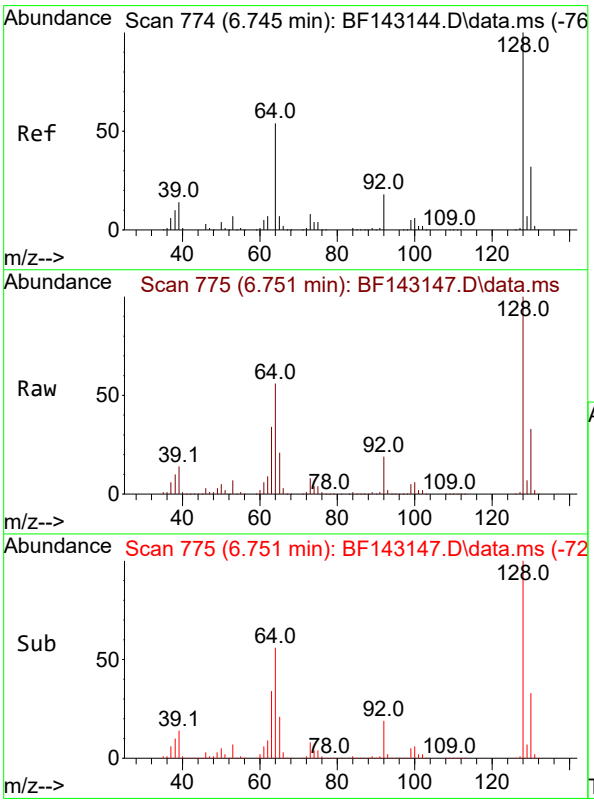
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	35.0	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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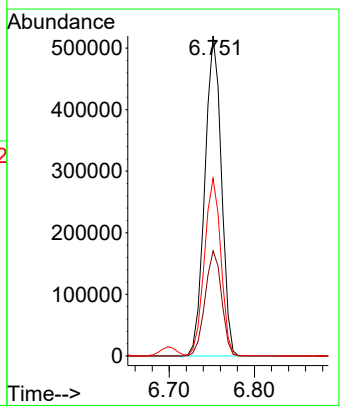
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

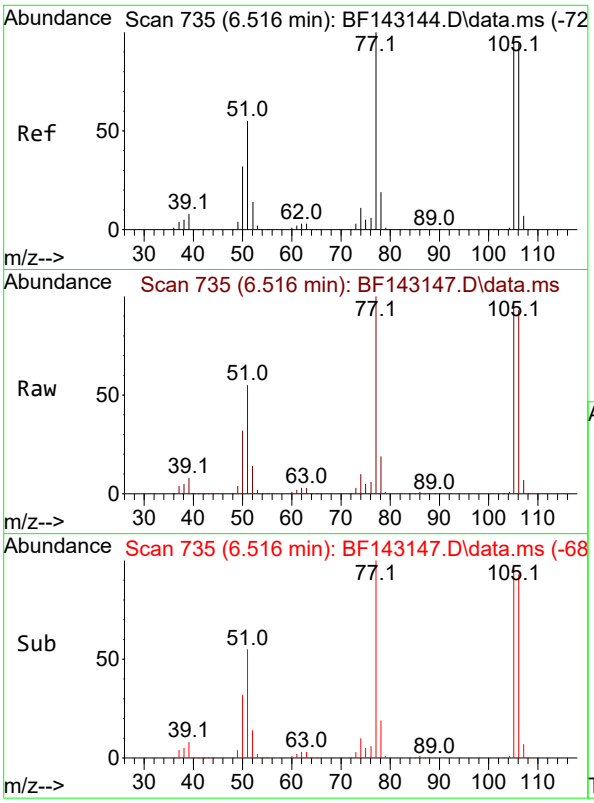


#8
2-Chlorophenol
Concen: 72.781 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 699193

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	55.5	35.9	75.9

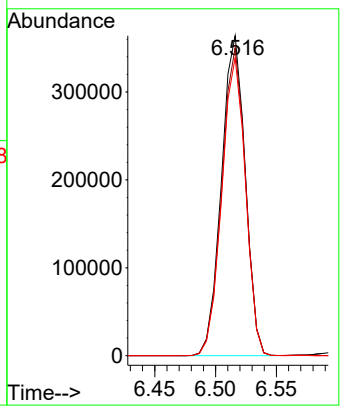




#9
Benzaldehyde
Concen: 57.055 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 49354

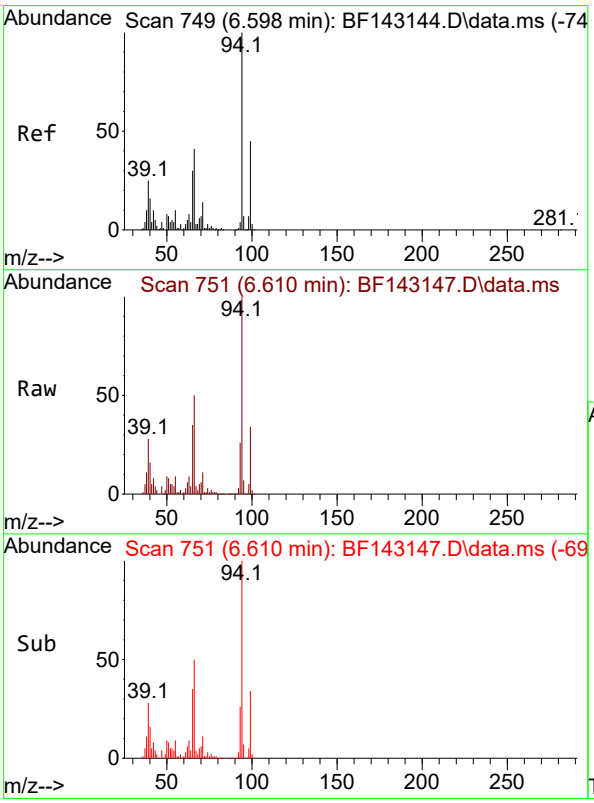
Ion	Ratio	Lower	Upper
77	100		
105	96.2	76.8	116.8
106	93.1	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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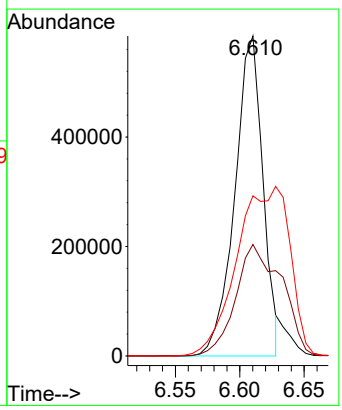
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

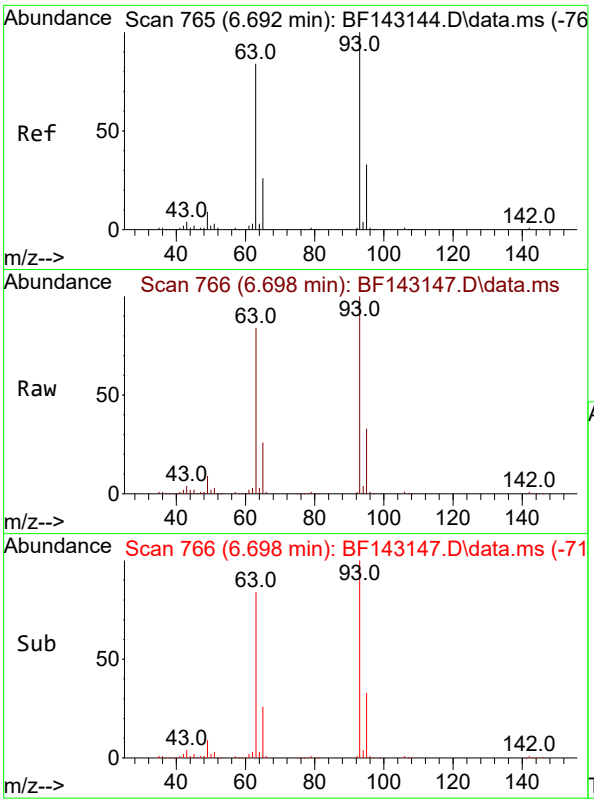


#10
Phenol
Concen: 70.663 ng m
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 94 Resp: 888041

Ion	Ratio	Lower	Upper
94	100		
65	34.9	10.0	50.0
66	50.1	20.8	60.8





#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

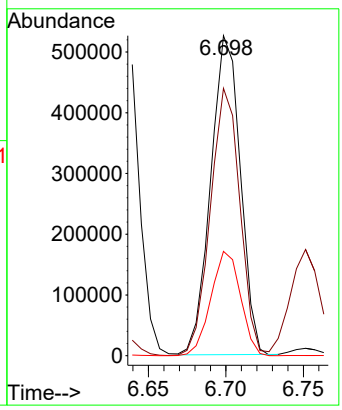
Tgt Ion: 93 Resp: 69764

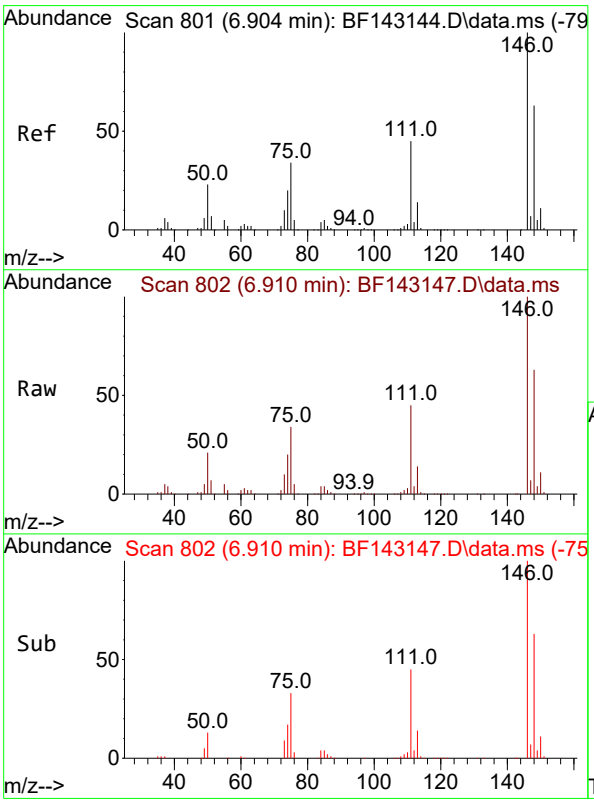
Ion	Ratio	Lower	Upper
93	100		
63	83.6	63.4	103.4
95	32.6	12.4	52.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Supervised By :Jagrut Upadhyay 07/18/2025

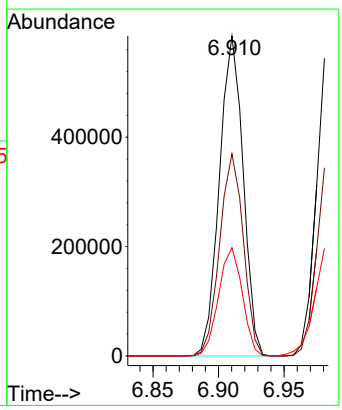


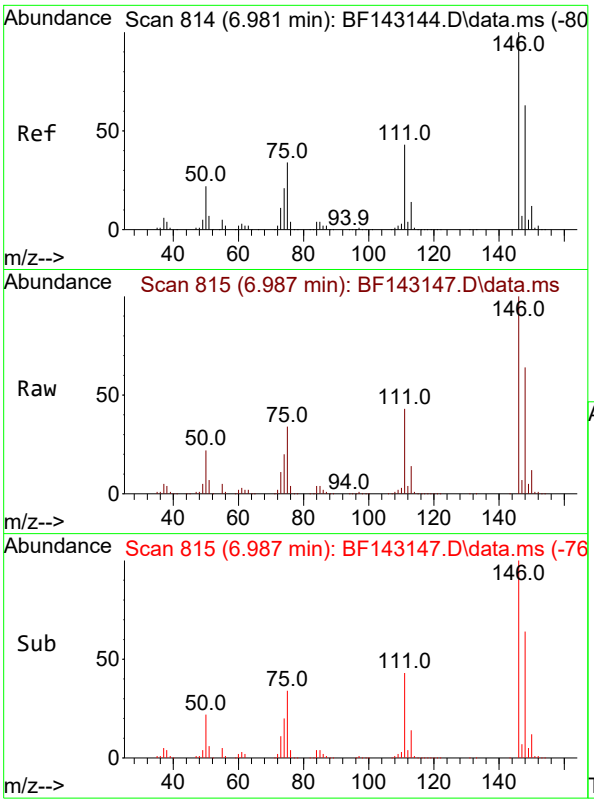


#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 734699

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
75	33.9	27.4	41.2

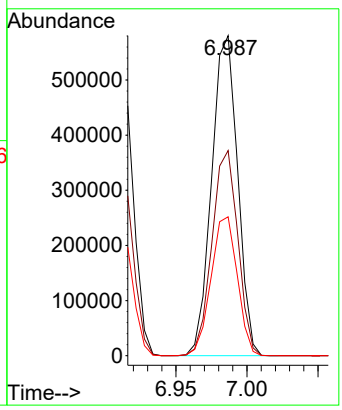




#13
1,4-Dichlorobenzene
Concen: 70.360 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 73946

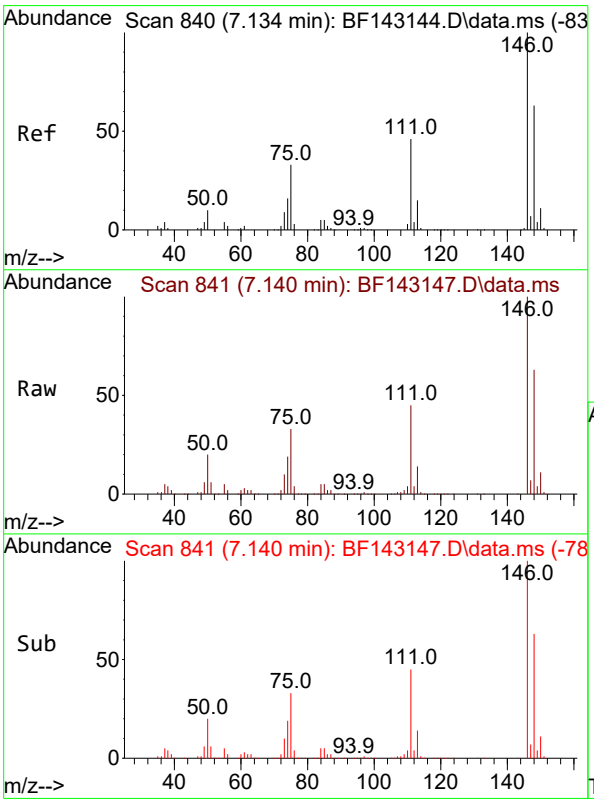
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.4	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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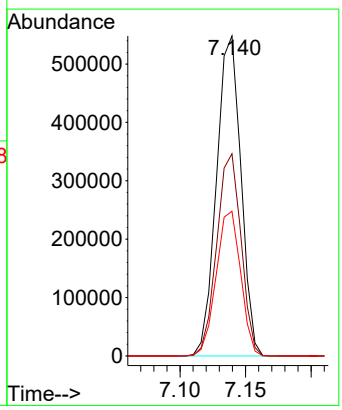
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

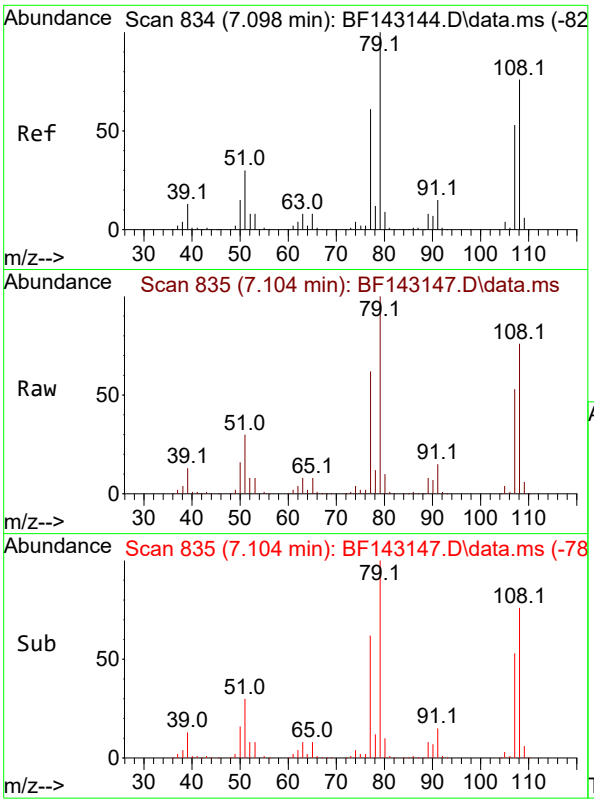


#14
1,2-Dichlorobenzene
Concen: 70.958 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 709300

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	45.3	36.6	54.8

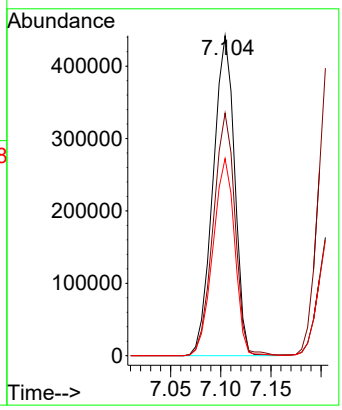




#15
Benzyl Alcohol
Concen: 75.139 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 79 Resp: 66184

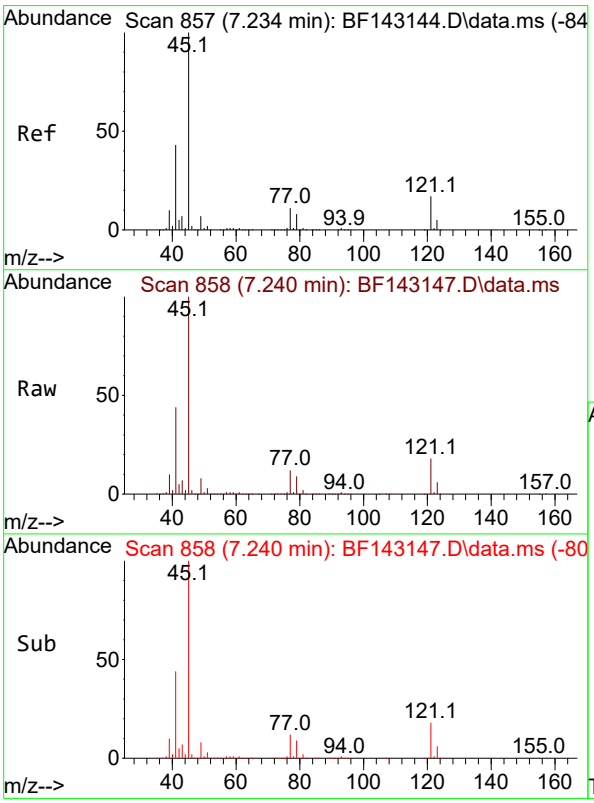
Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.6	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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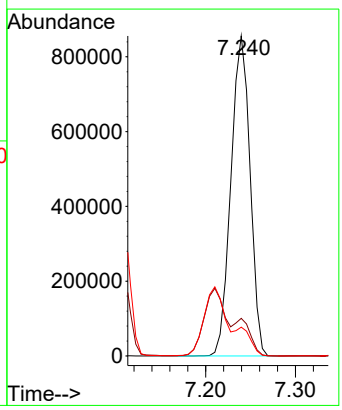
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

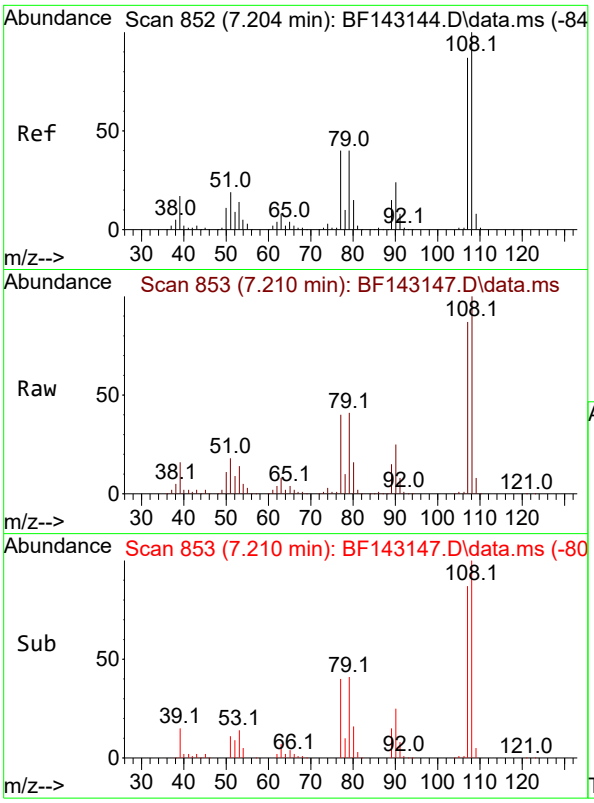


#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.902 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 45 Resp: 1265589

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5

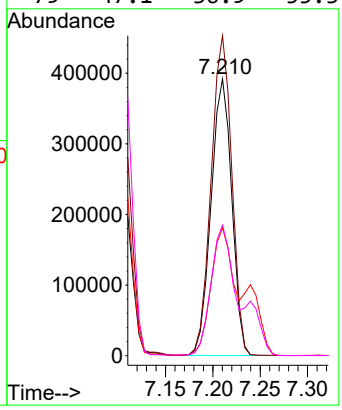




#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 59547

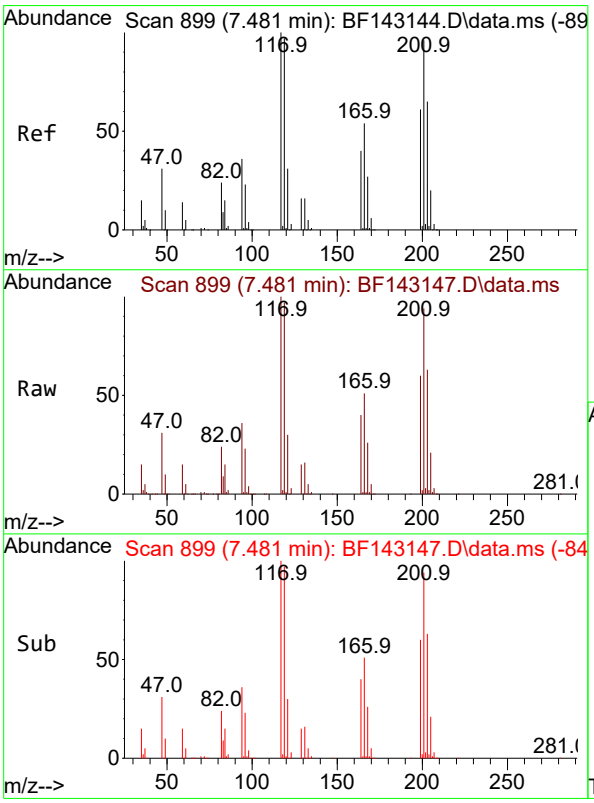
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.8	137.6
77	46.2	37.0	55.6
79	47.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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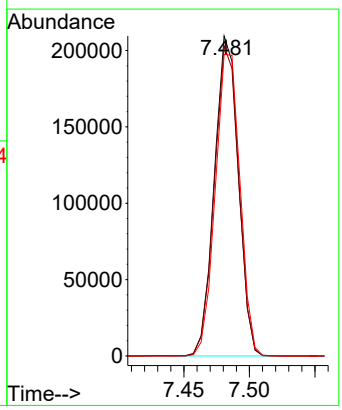
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

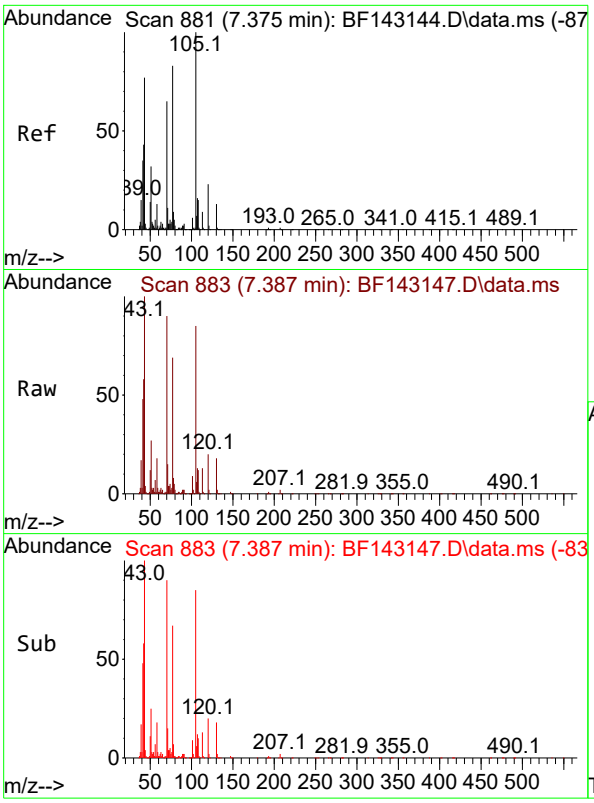


#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.8
201	94.3	77.0	115.4

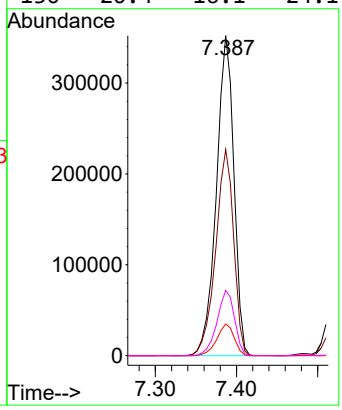




#19
n-Nitroso-di-n-propylamine
Concen: 71.452 ng
RT: 7.387 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 70 Resp: 52882

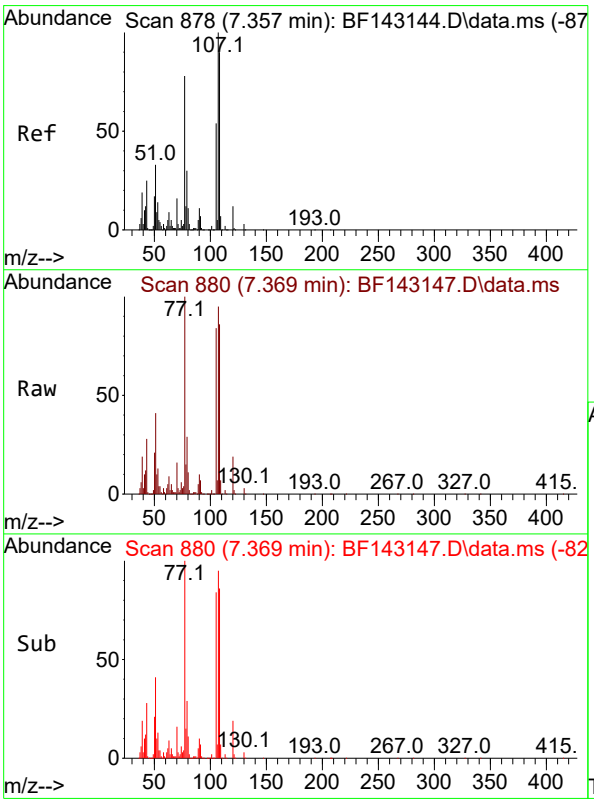
Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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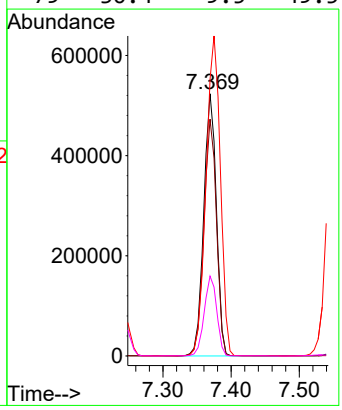
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

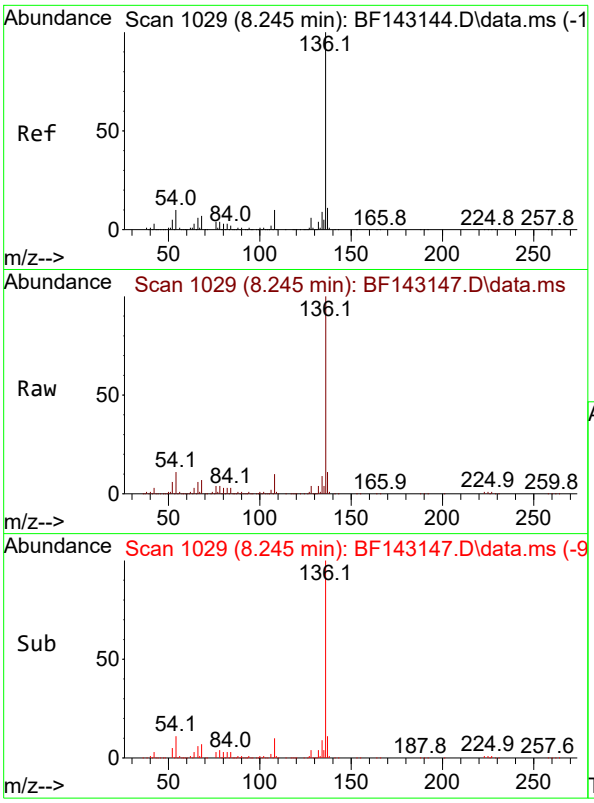


#20
3+4-Methylphenols
Concen: 68.763 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.0	110.0
77	105.4	57.8	97.8#
79	30.4	9.5	49.5

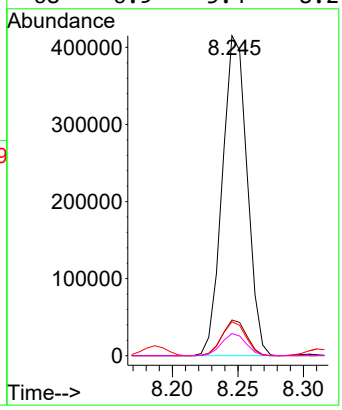




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:136 Resp: 54451

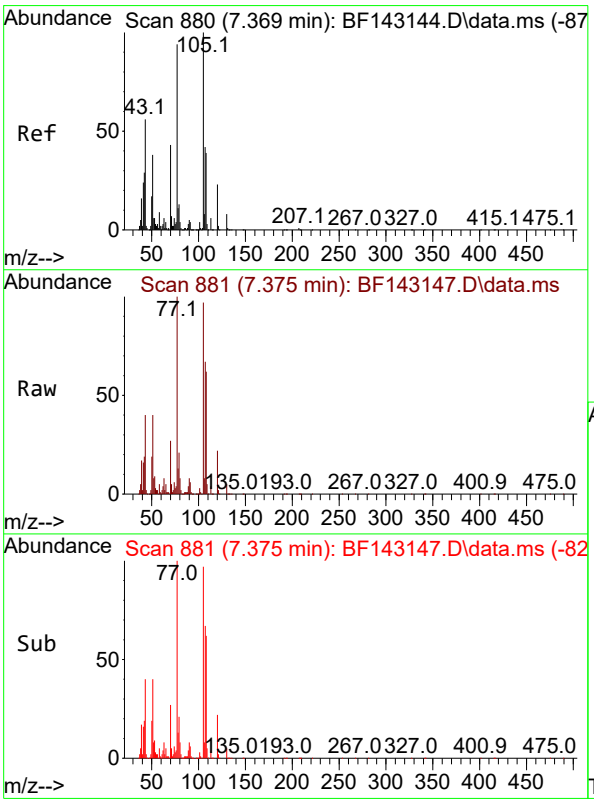
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.9	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

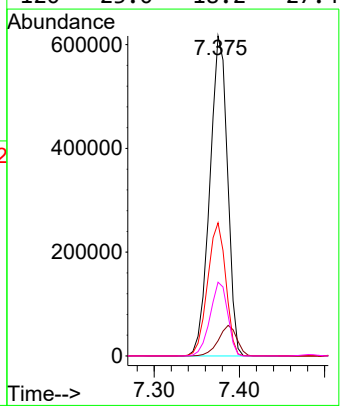
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

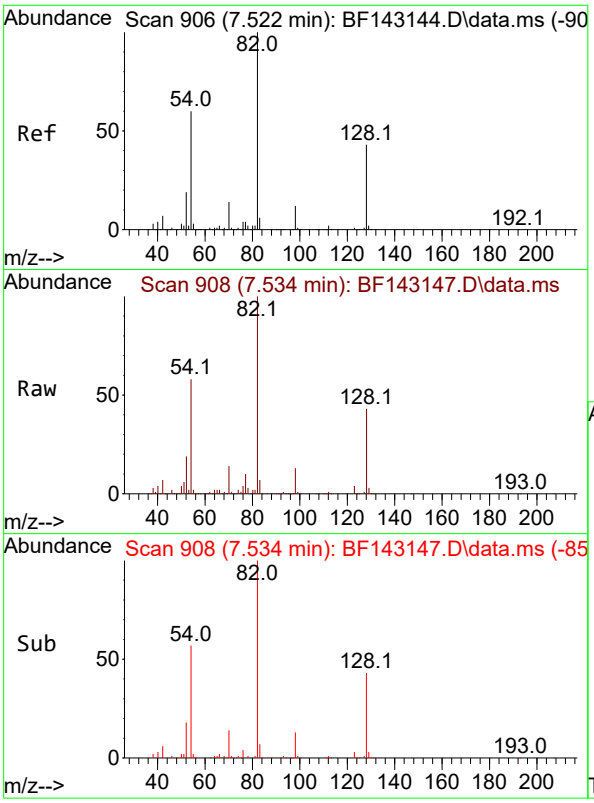


#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890

Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.8	8.6#
51	41.6	30.2	45.2
120	23.0	18.2	27.4





#23
Nitrobenzene-d5
Concen: 150.551 ng
RT: 7.534 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

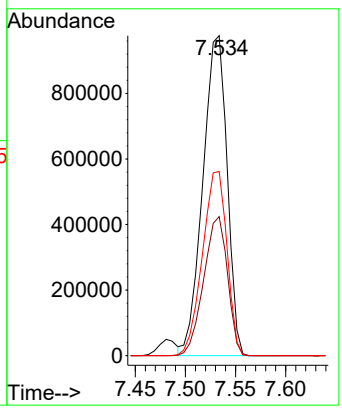
Tgt Ion: 82 Resp: 164458

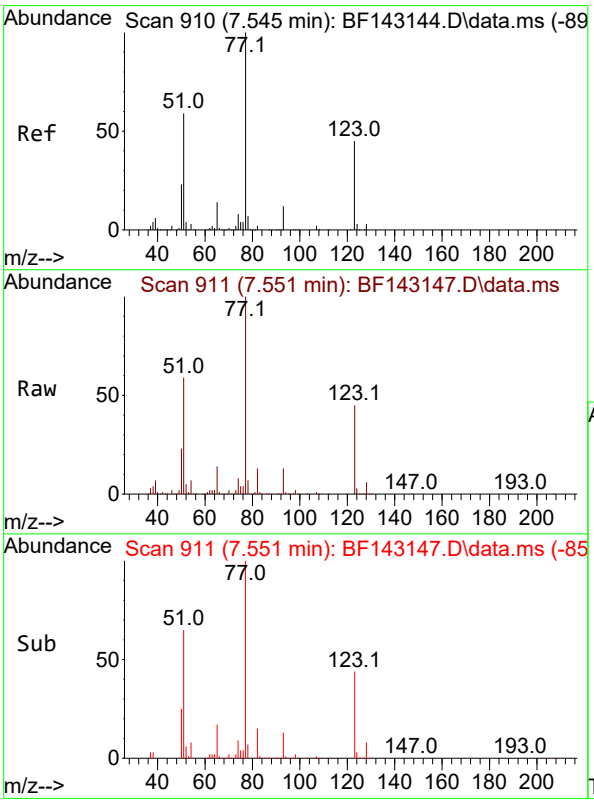
Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	57.5	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

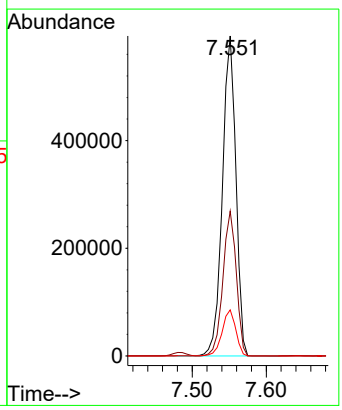


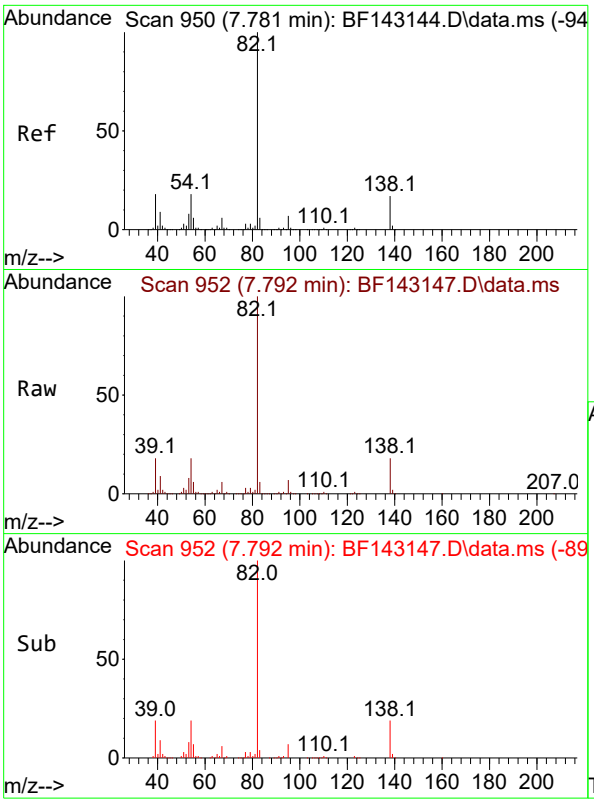


#24
Nitrobenzene
Concen: 73.836 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 751964

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.1	54.1
65	14.4	11.4	17.2





#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

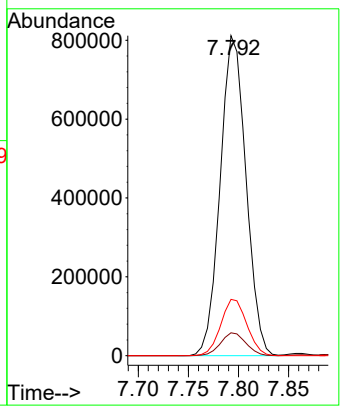
Tgt Ion: 82 Resp: 145335

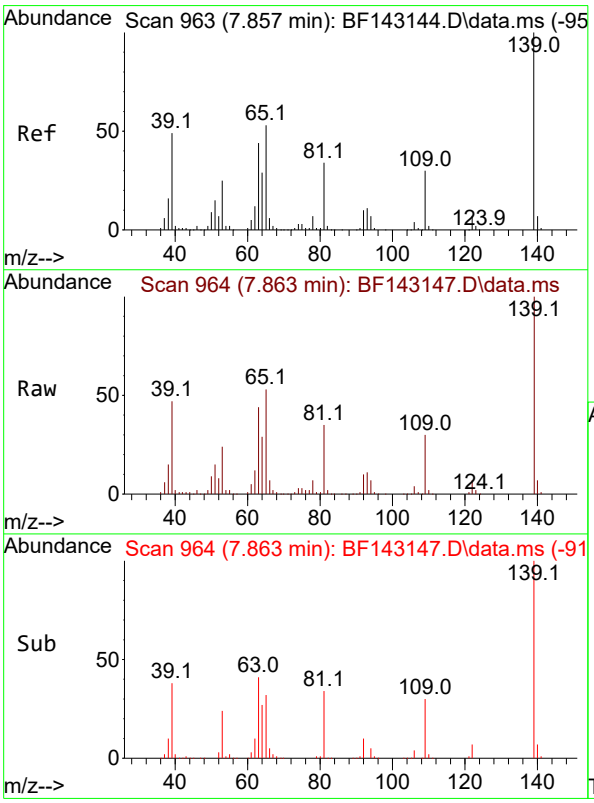
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.5	8.3
138	17.6	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

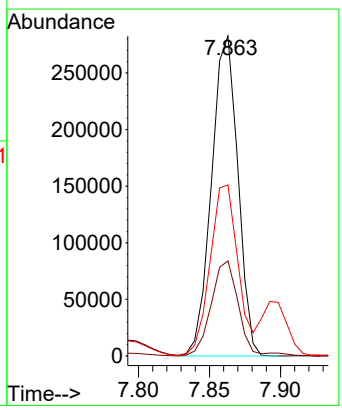


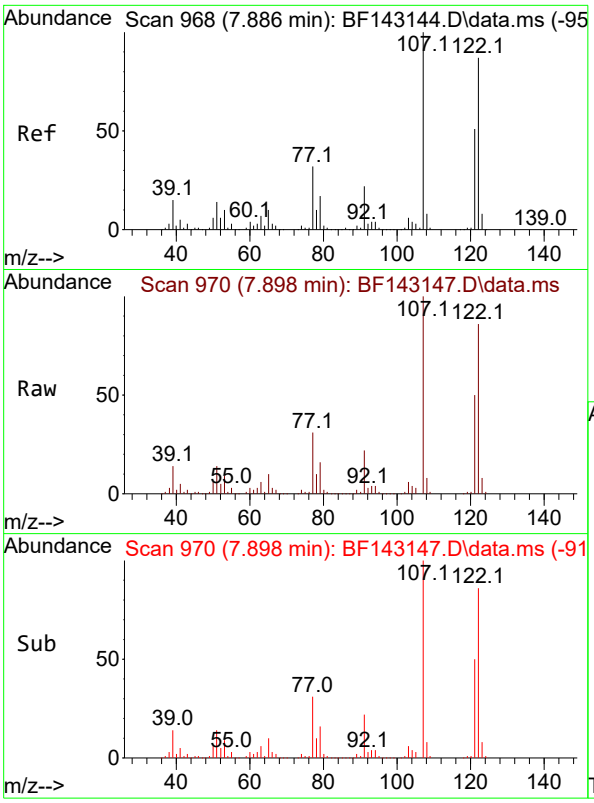


#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.6	35.4
65	53.4	42.6	64.0

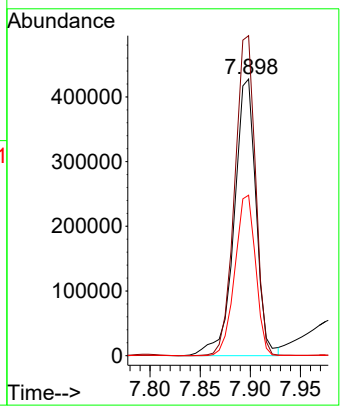




#27
2,4-Dimethylphenol
Concen: 72.050 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 64914

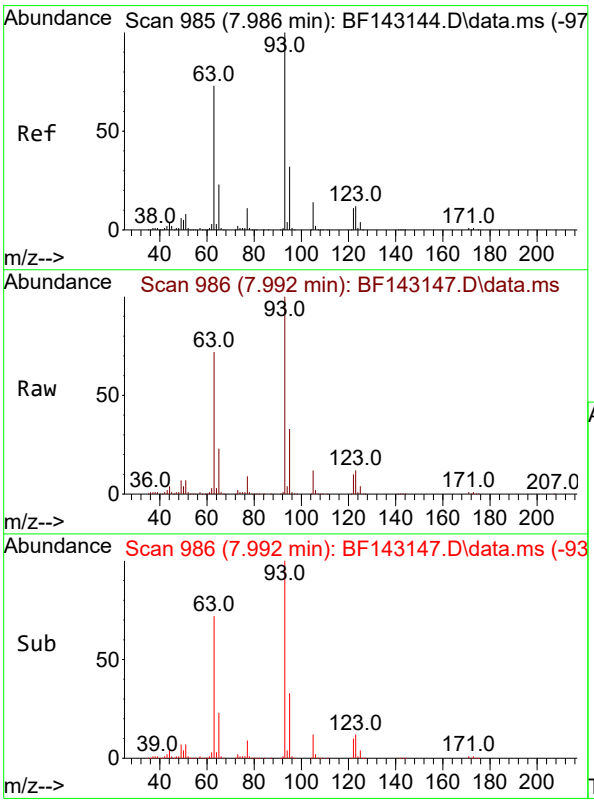
Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.8	137.6
121	58.0	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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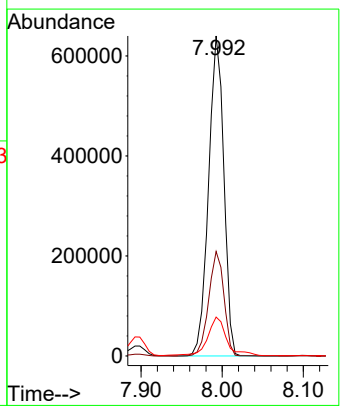
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

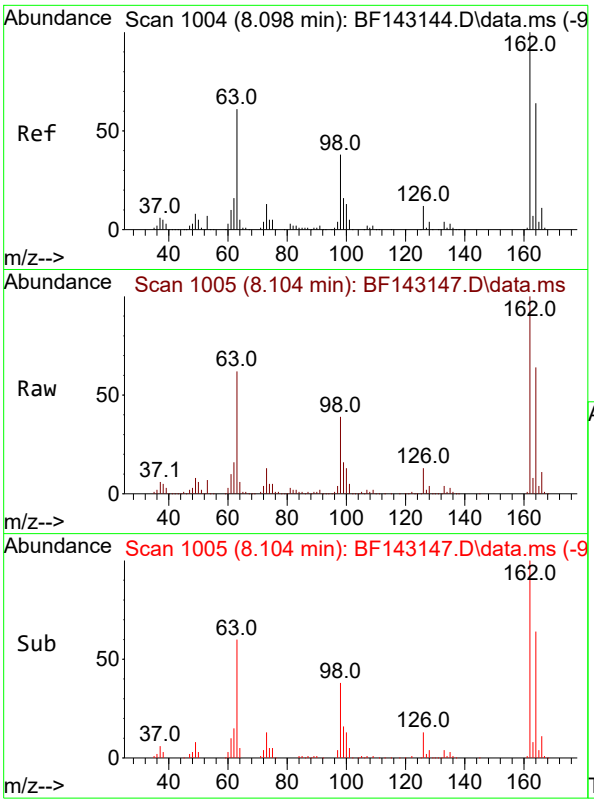


#28
bis(2-Chloroethoxy)methane
Concen: 72.134 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 834021

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	12.2	9.7	14.5

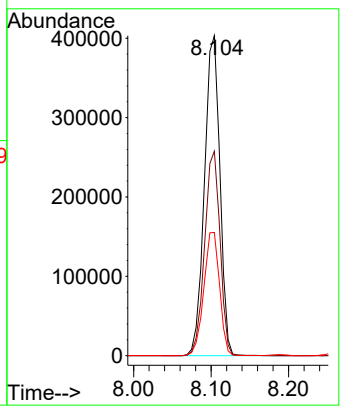




#29
2,4-Dichlorophenol
Concen: 73.527 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:162 Resp: 55866

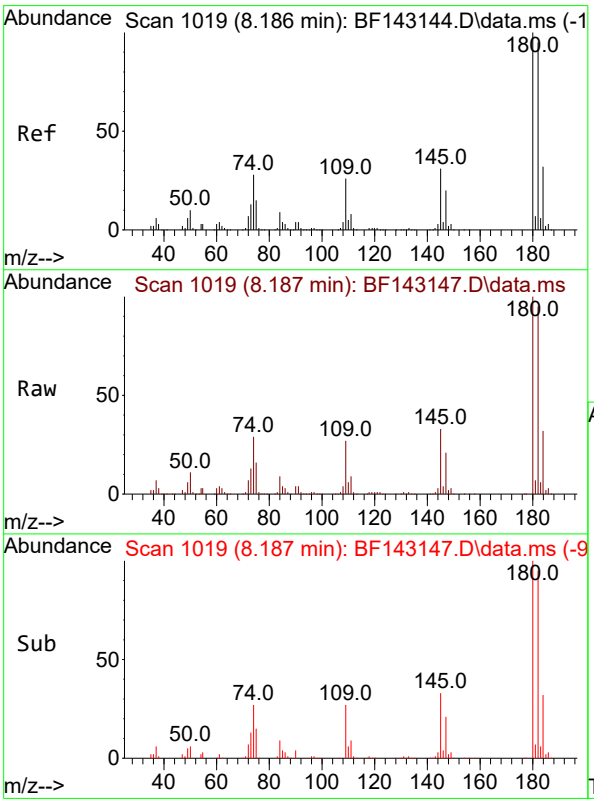
Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.2	84.2
98	38.5	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

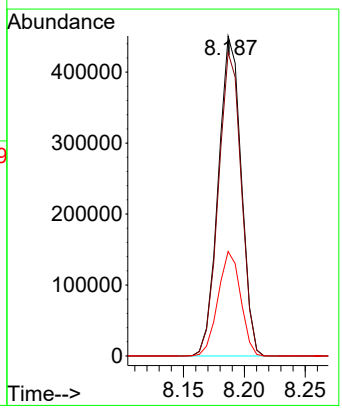
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

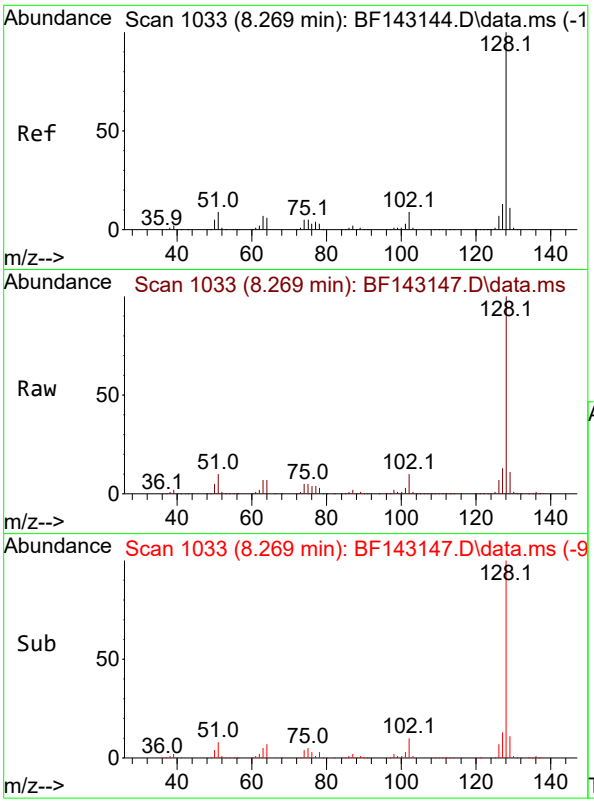


#30
1,2,4-Trichlorobenzene
Concen: 71.673 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:180 Resp: 588333

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	32.7	25.0	37.6

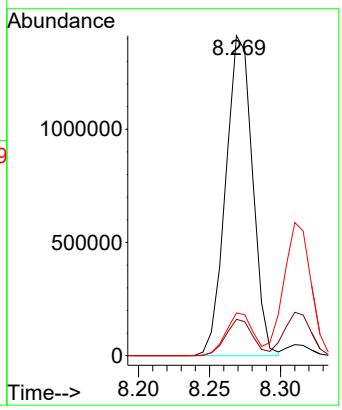




#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 185438

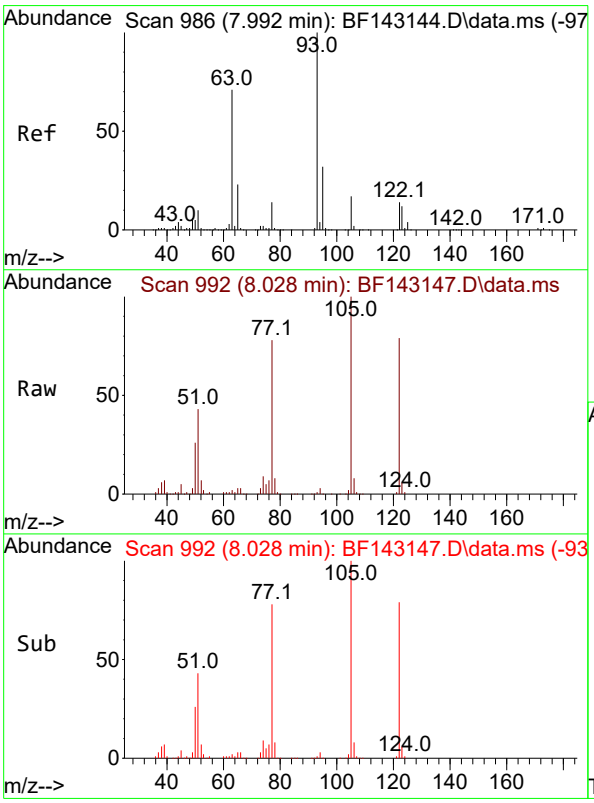
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

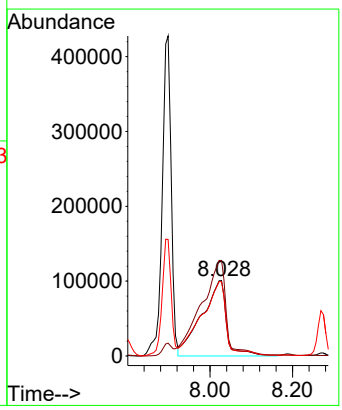
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

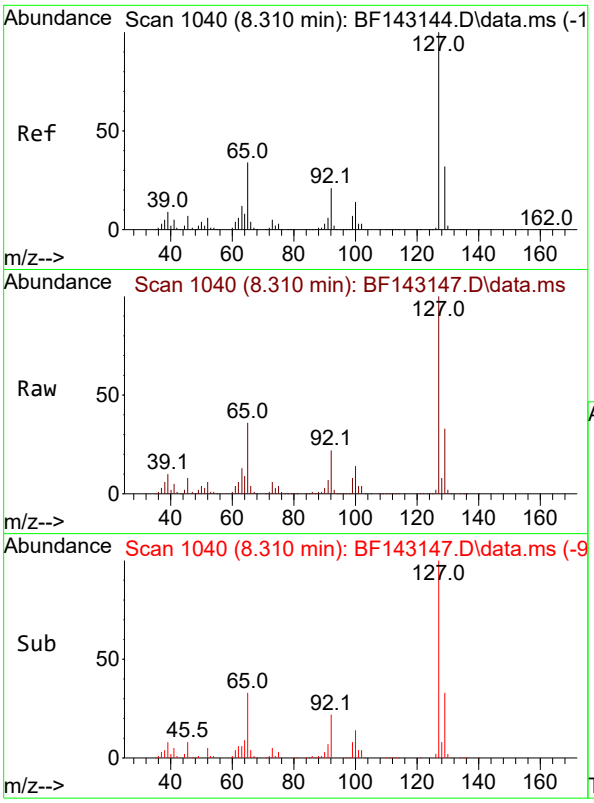


#32
Benzoic acid
Concen: 79.801 ng m
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 423625

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	98.6	77.6	117.6

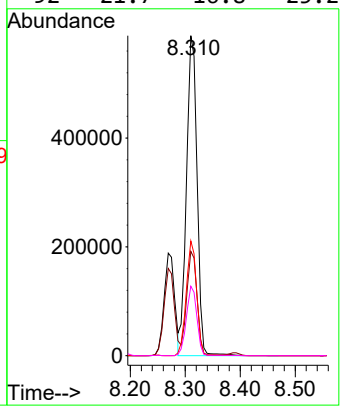




#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:127 Resp: 78724

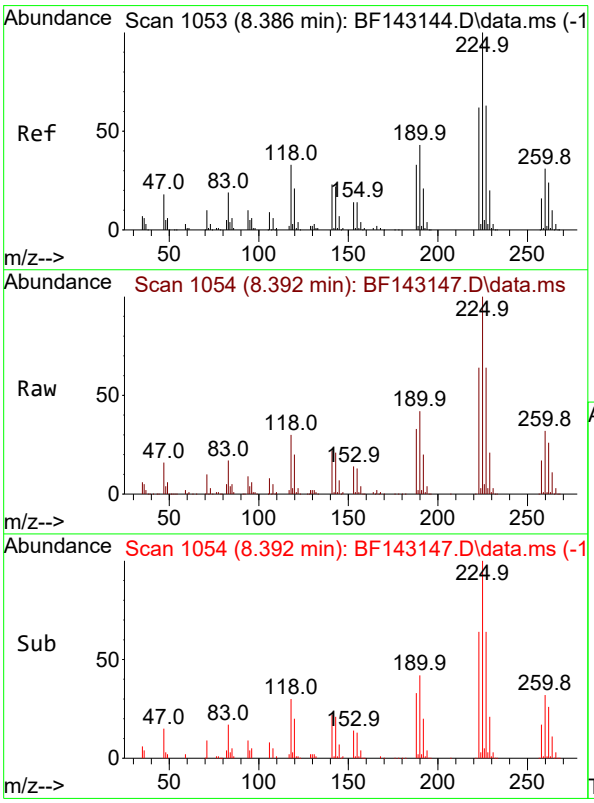
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	35.9	27.4	41.2
92	21.7	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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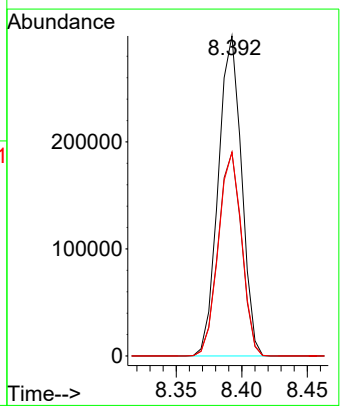
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

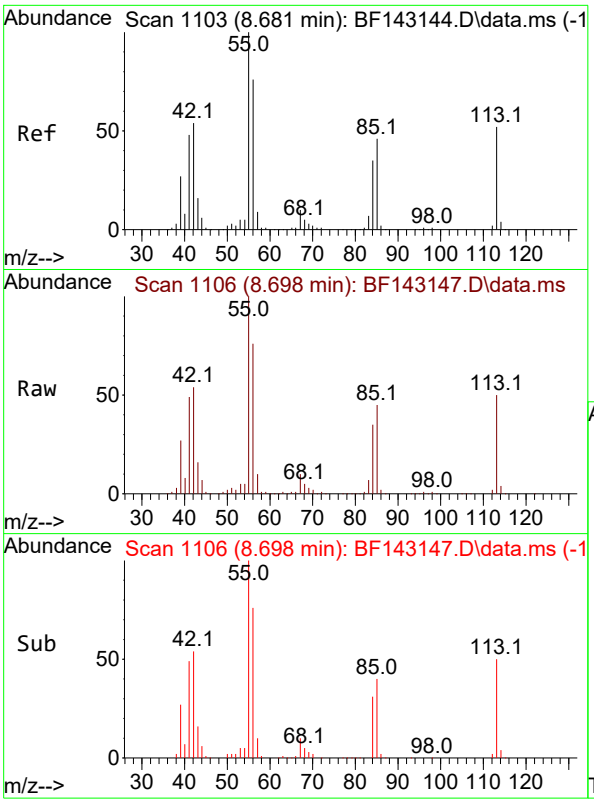


#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:225 Resp: 368327

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	63.7	50.2	75.4

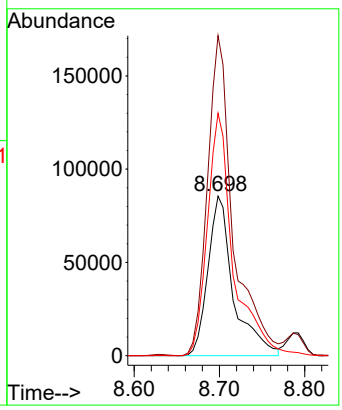




#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:113 Resp: 17827

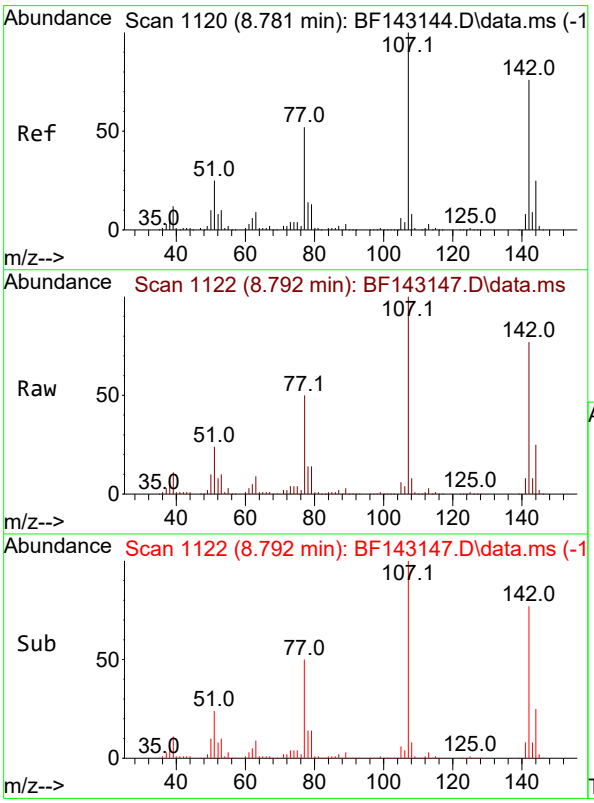
Ion	Ratio	Lower	Upper
113	100		
55	200.6	174.0	214.0
56	152.0	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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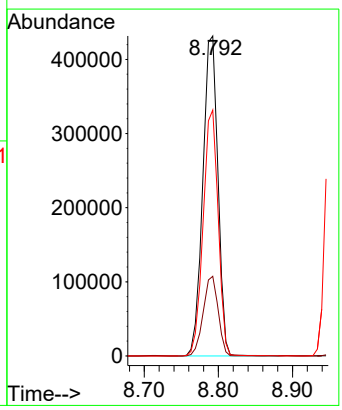
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

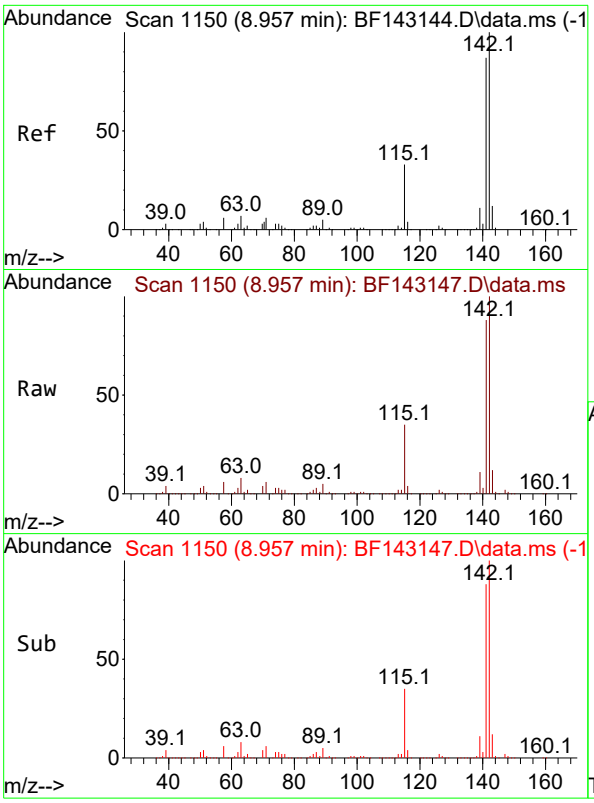


#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 614048

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	76.9	60.6	90.8

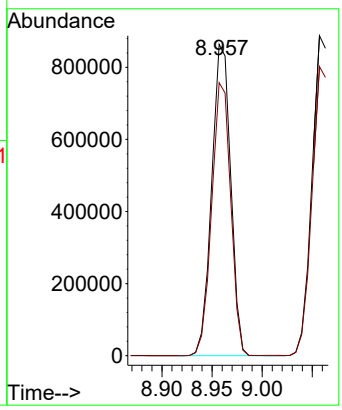




#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 113717

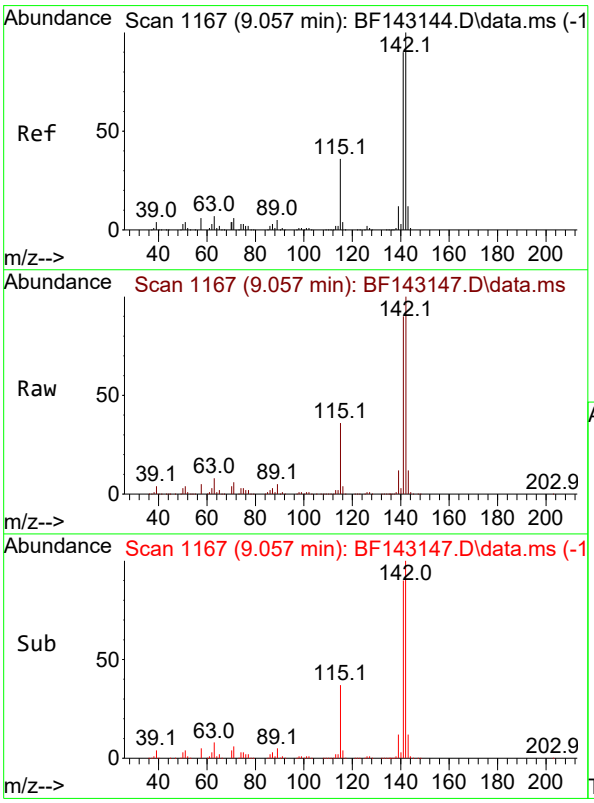
Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

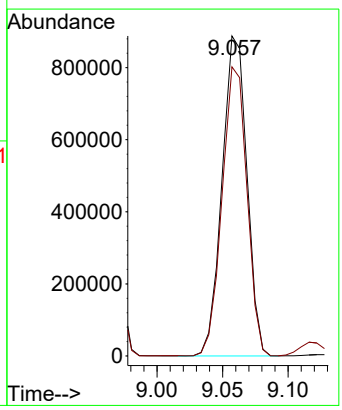
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

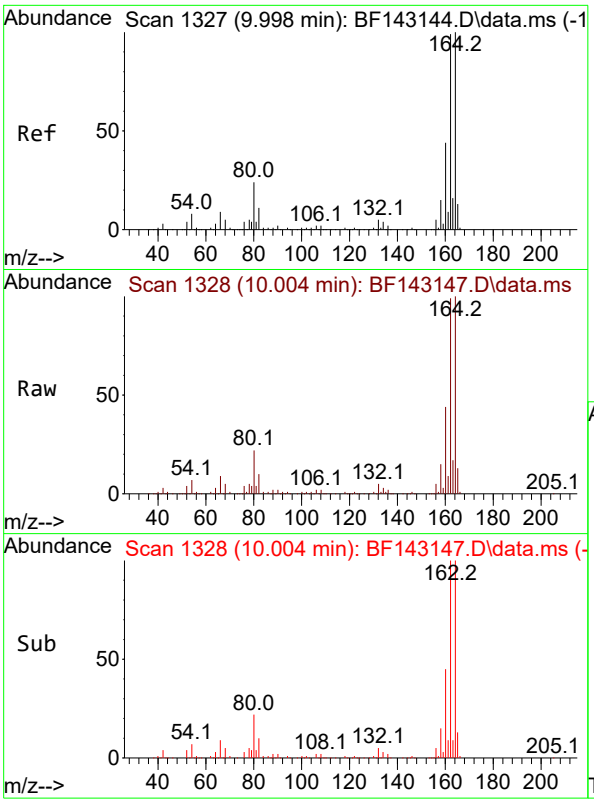


#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

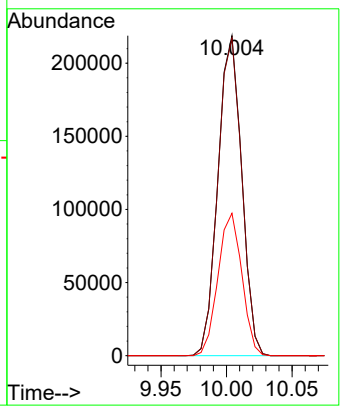




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:164 Resp: 27561

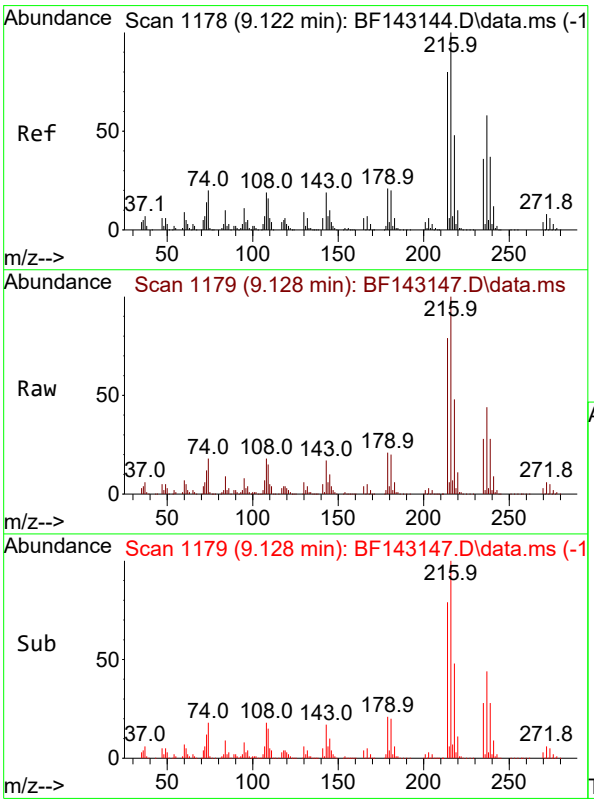
Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.0	118.6
160	44.5	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

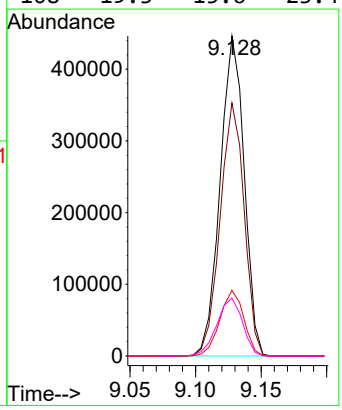
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

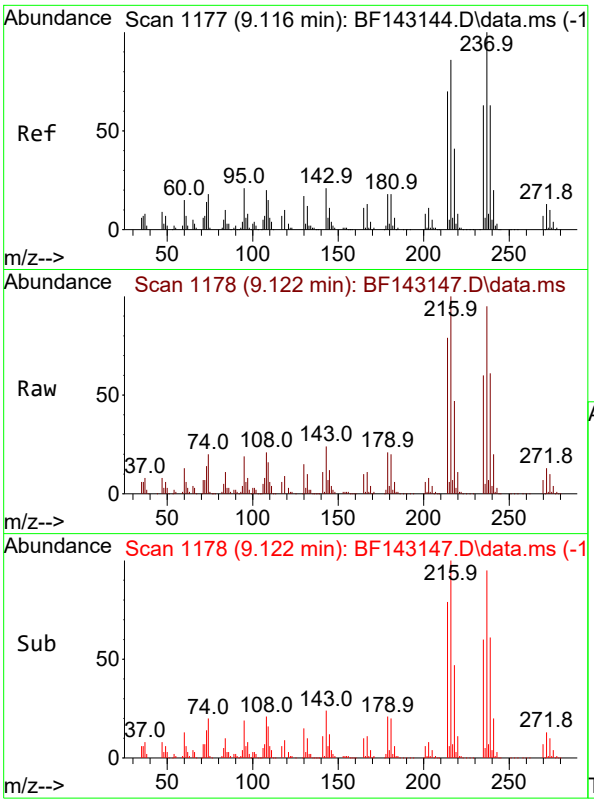


#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.389 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	20.4	16.4	24.6
108	19.3	15.6	23.4

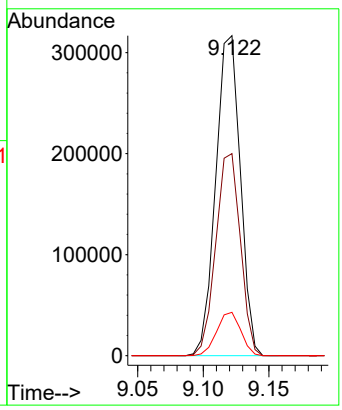




#41
Hexachlorocyclopentadiene
Concen: 79.719 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:237 Resp: 41275

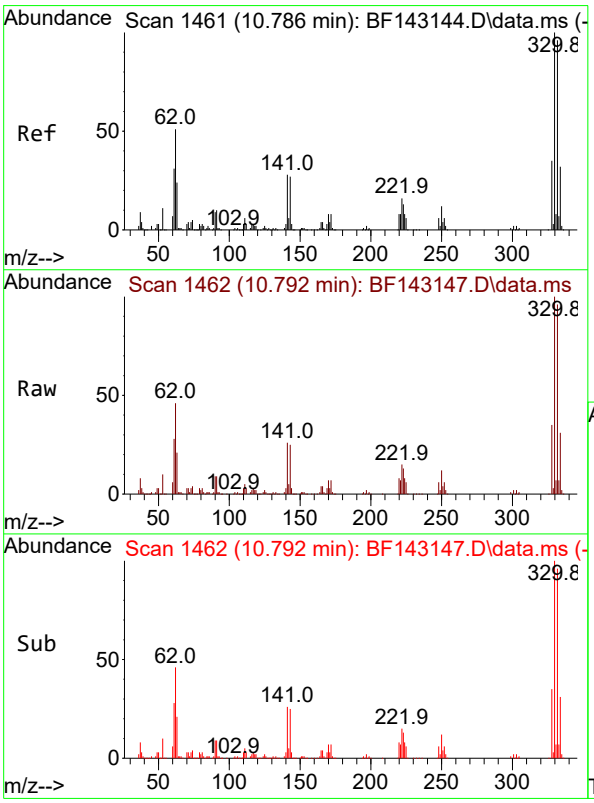
Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.6	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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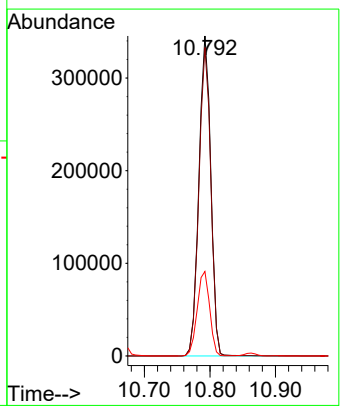
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

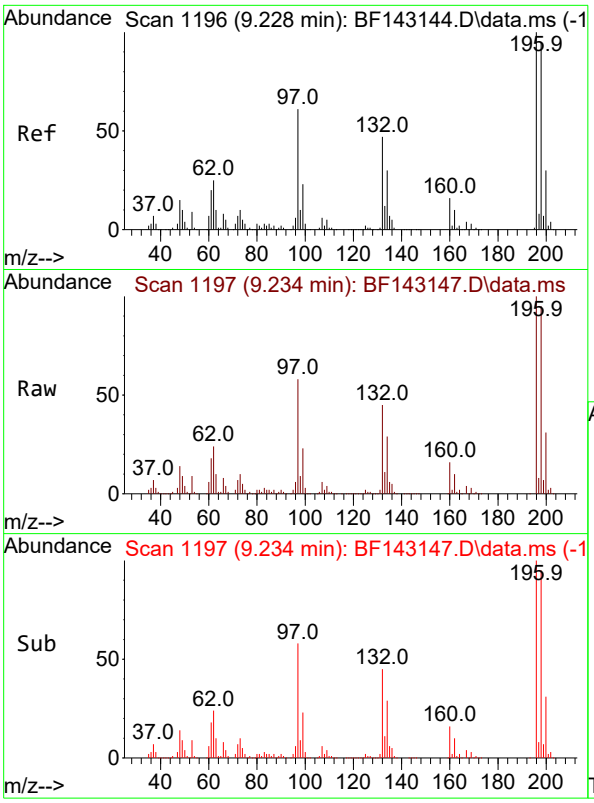


#42
2,4,6-Tribromophenol
Concen: 153.498 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:330 Resp: 437054

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	27.7	23.3	34.9

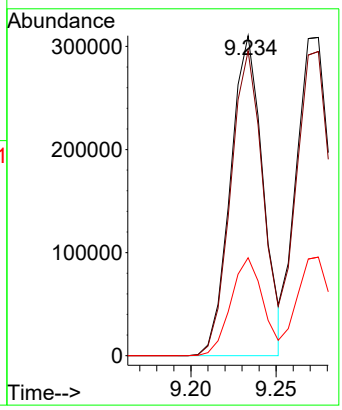




#43
2,4,6-Trichlorophenol
Concen: 74.838 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 41214

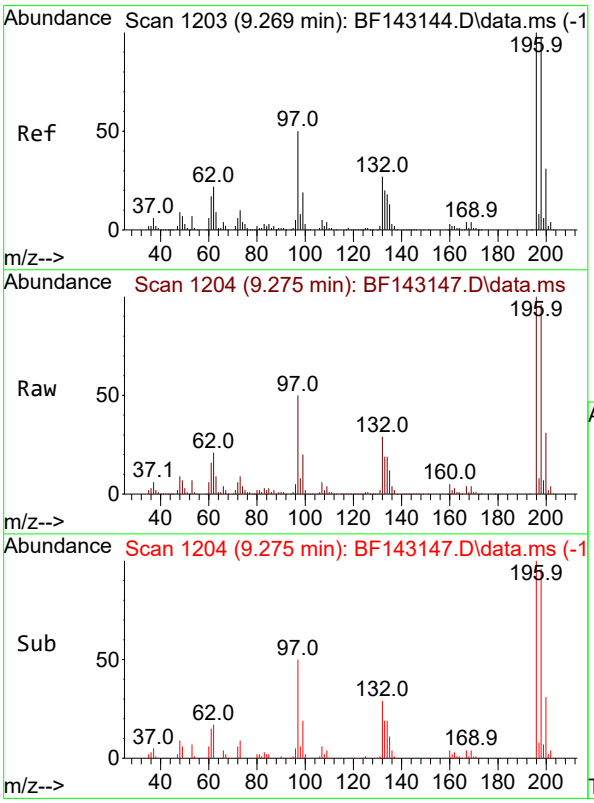
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.6	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

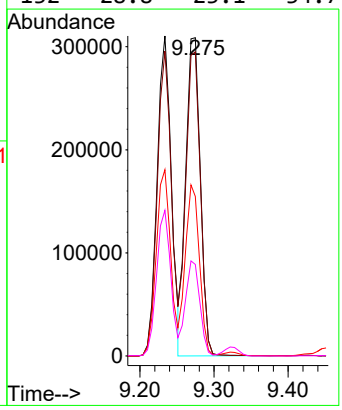
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

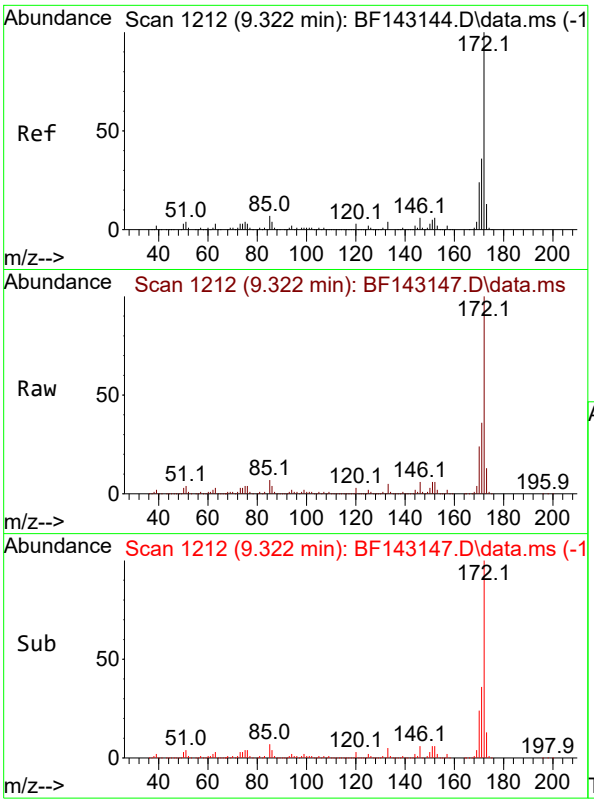


#44
2,4,5-Trichlorophenol
Concen: 76.888 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 423565

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.3	115.9
97	50.1	40.3	60.5
132	28.8	23.1	34.7

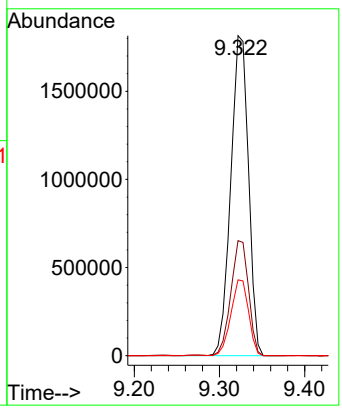




#45
2-Fluorobiphenyl
Concen: 130.157 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:172 Resp: 262307

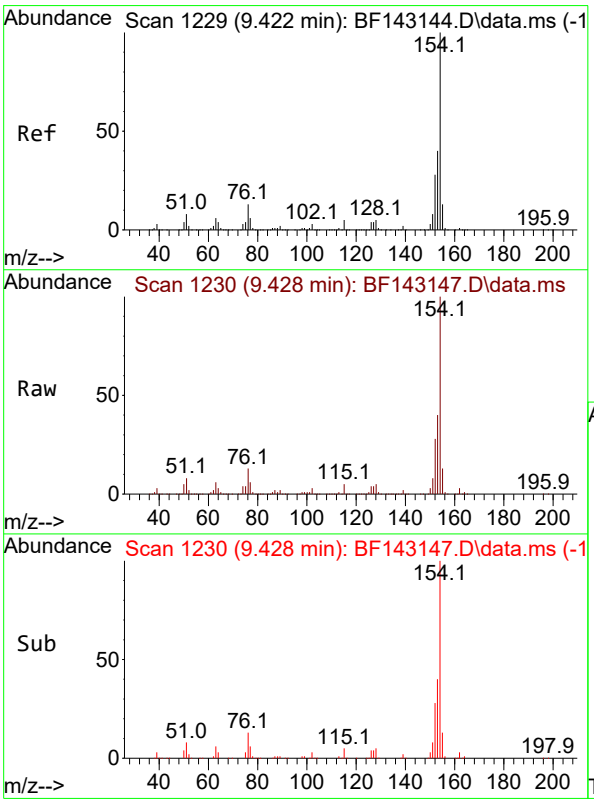
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

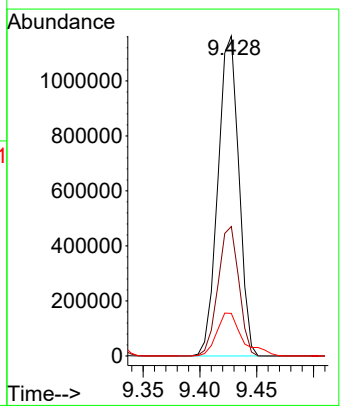
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

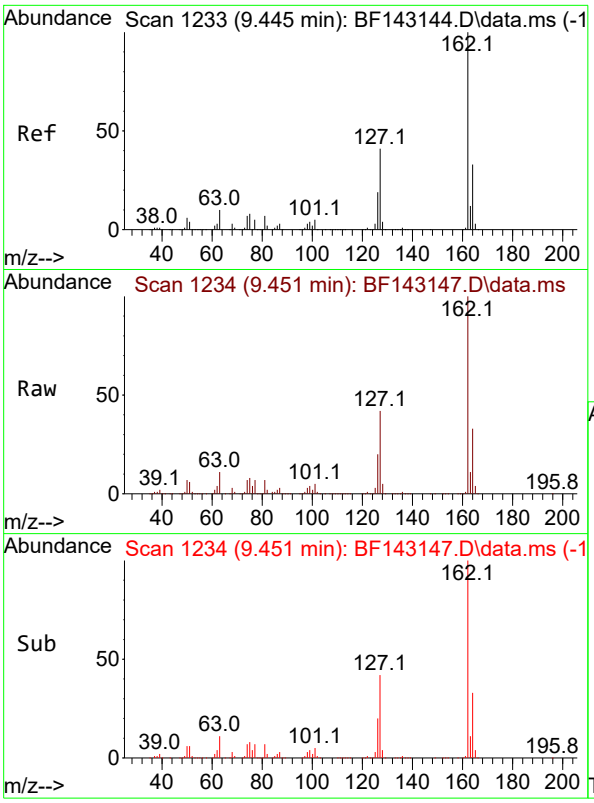


#46
1,1'-Biphenyl
Concen: 69.388 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1492094

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.3	0.0	33.3

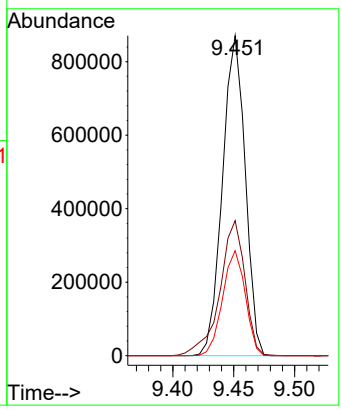




#47
2-Chloronaphthalene
Concen: 71.122 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:162 Resp: 113162

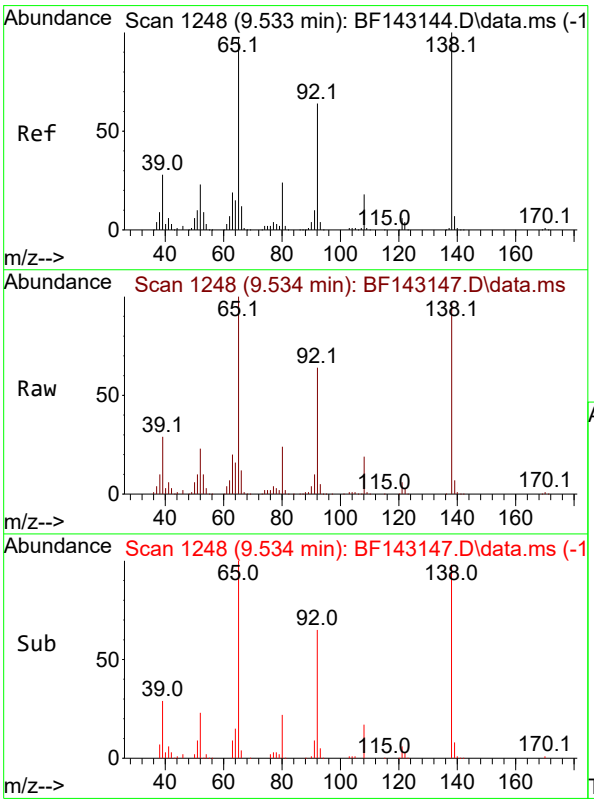
Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

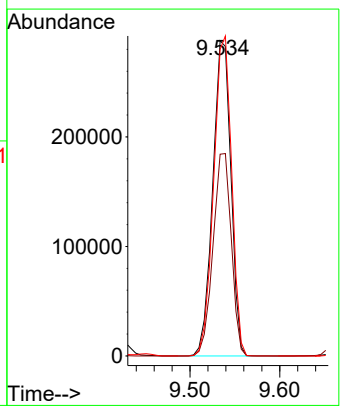
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

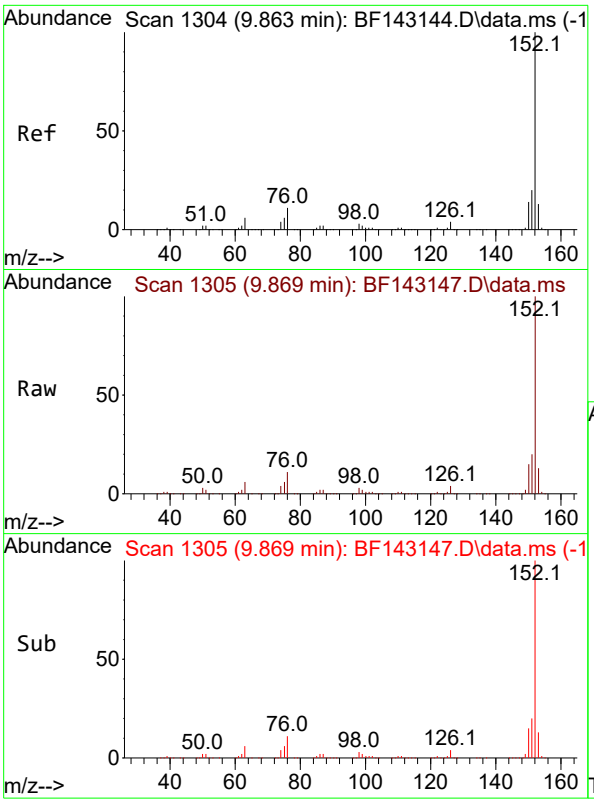


#48
2-Nitroaniline
Concen: 80.971 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 65 Resp: 404023

Ion	Ratio	Lower	Upper
65	100		
92	64.0	52.4	78.6
138	97.3	82.3	123.5

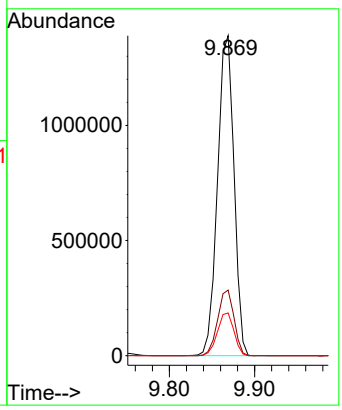




#49
Acenaphthylene
Concen: 70.057 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:152 Resp: 186806

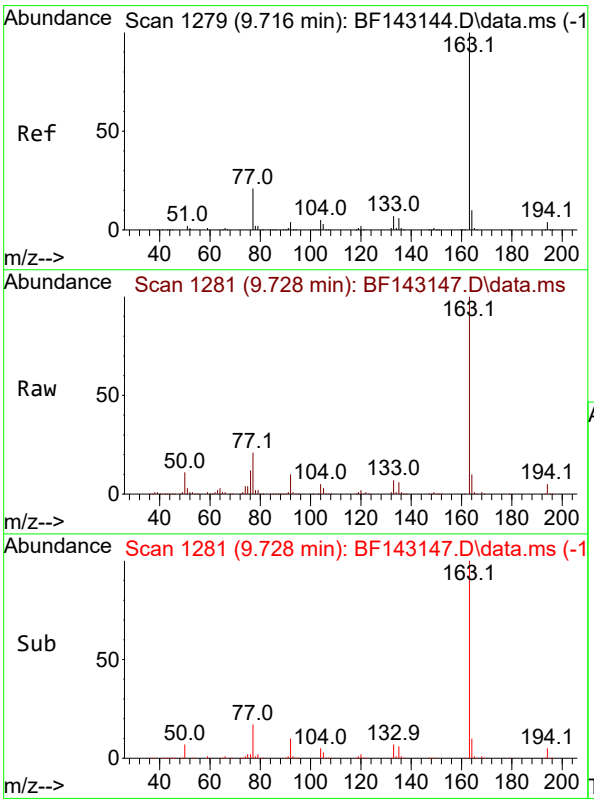
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

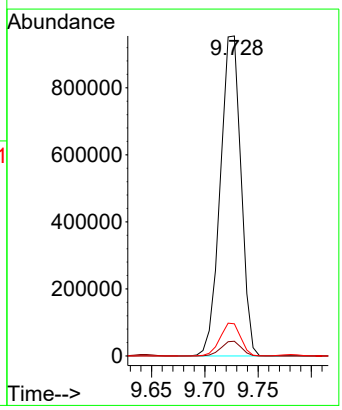
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

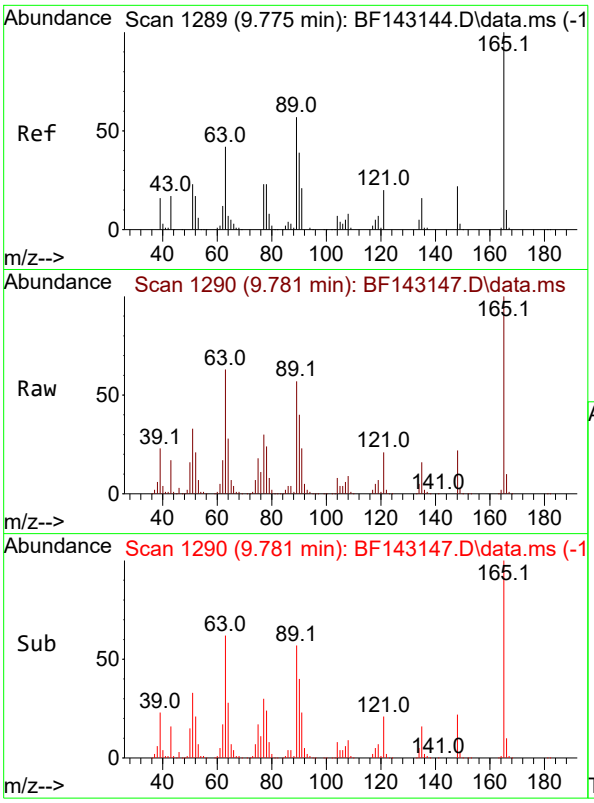


#50
Dimethylphthalate
Concen: 71.723 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:163 Resp: 1288559

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

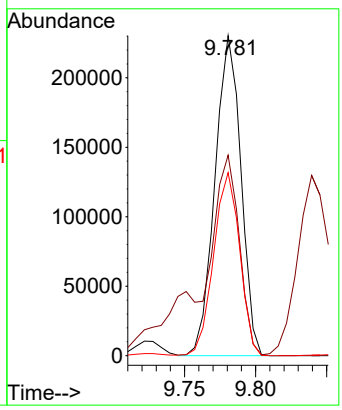
Tgt Ion:165 Resp: 29271

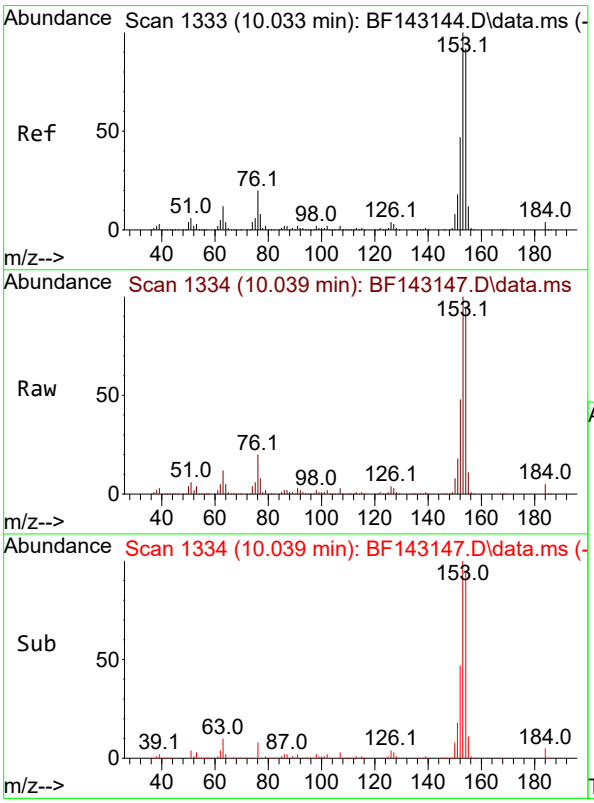
Ion	Ratio	Lower	Upper
165	100		
63	62.6	49.4	74.2
89	57.2	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

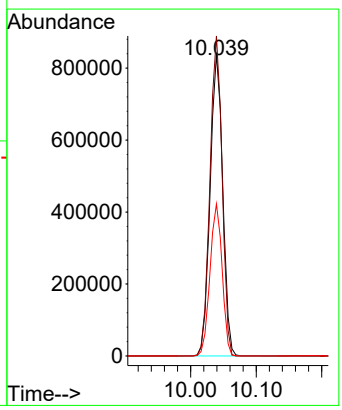


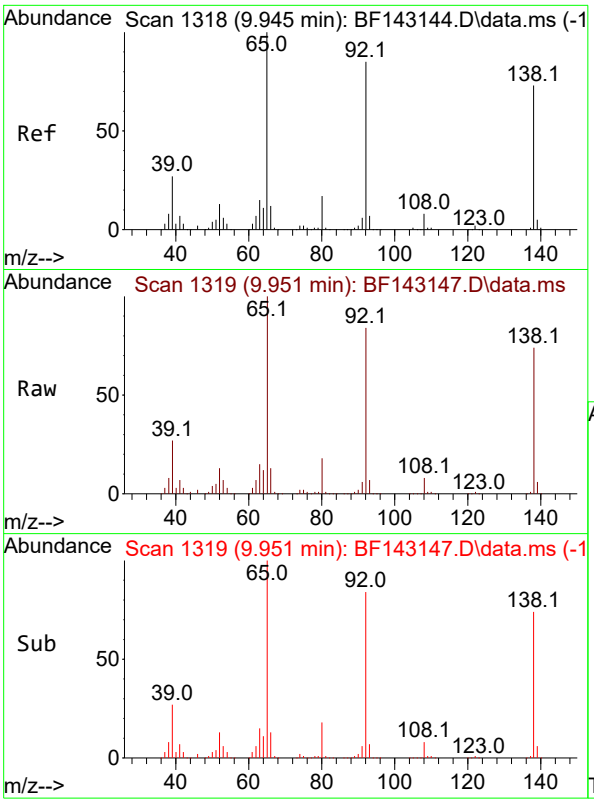


#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1120315

Ion	Ratio	Lower	Upper
154	100		
153	106.1	86.6	129.8
152	50.4	40.4	60.6





#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

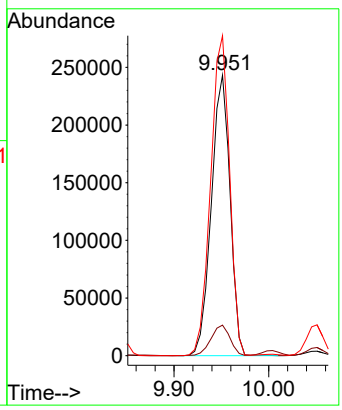
Tgt Ion:138 Resp: 33398

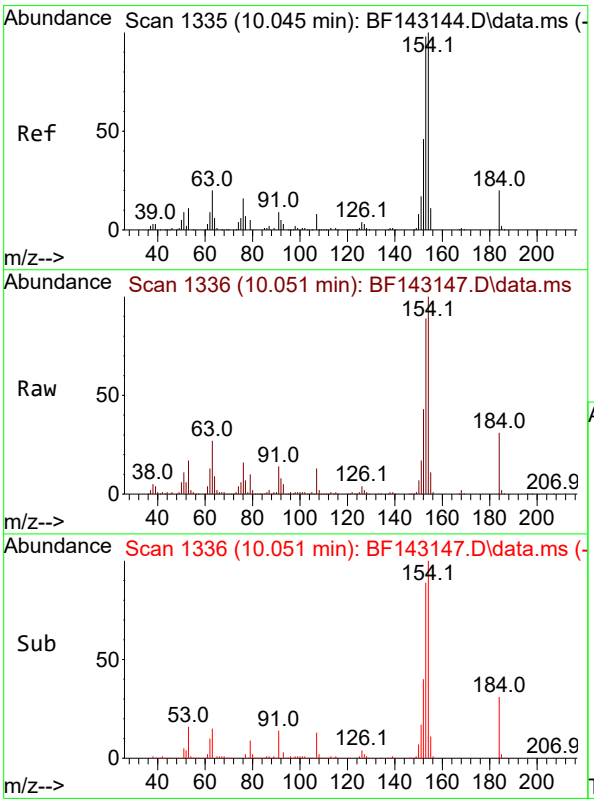
Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.1	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

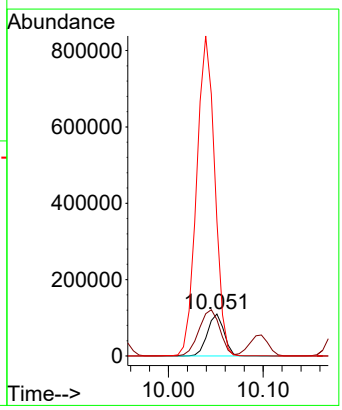


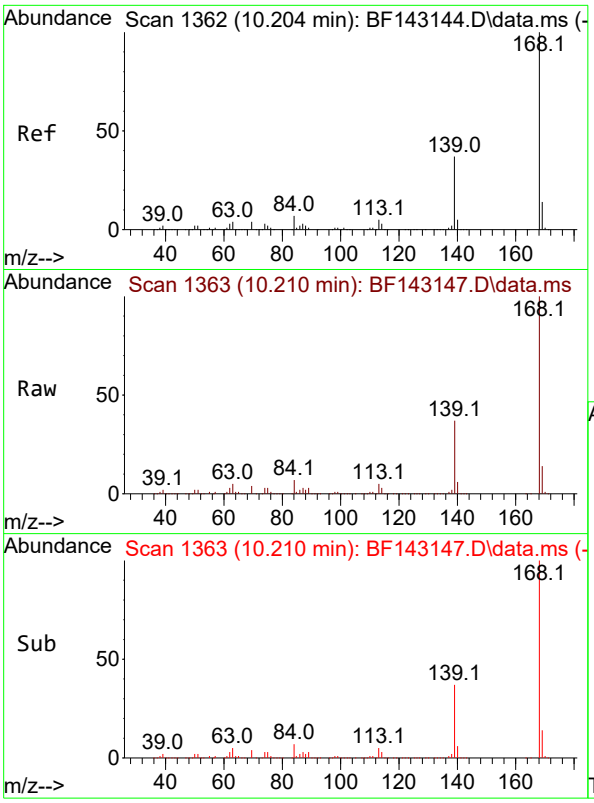


#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:184 Resp: 133446

Ion	Ratio	Lower	Upper
184	100		
63	86.6	81.8	122.6
154	321.6	412.2	618.4#

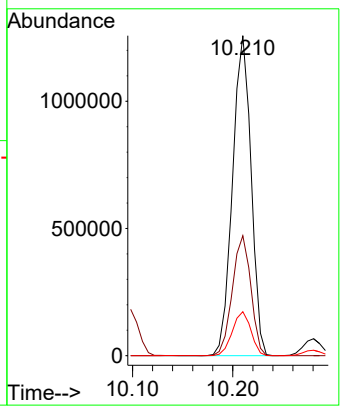




#55
Dibenzofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:168 Resp: 161539

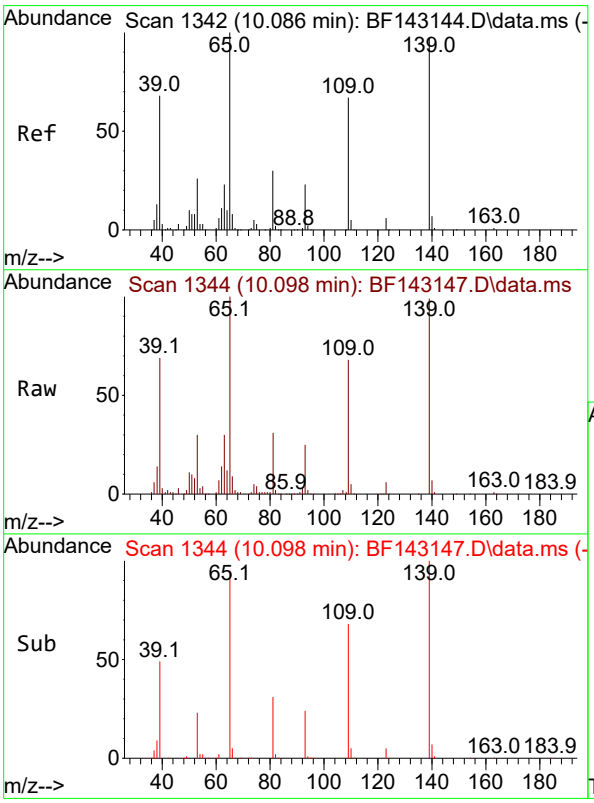
Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.5	44.3
169	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

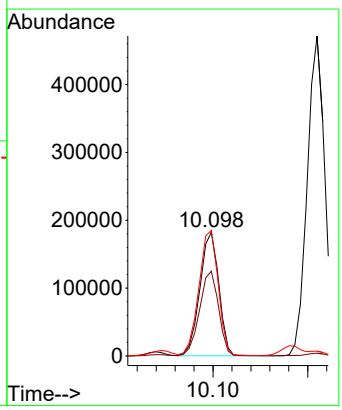
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

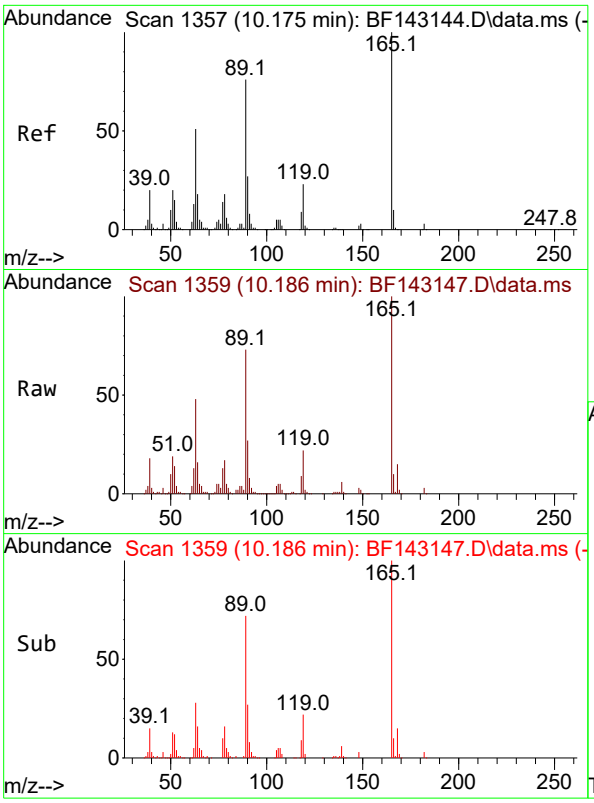


#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 252698

Ion	Ratio	Lower	Upper
139	100		
109	68.4	48.5	88.5
65	101.3	83.4	123.4

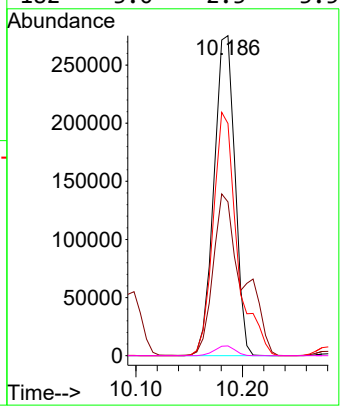




#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:165 Resp: 37612

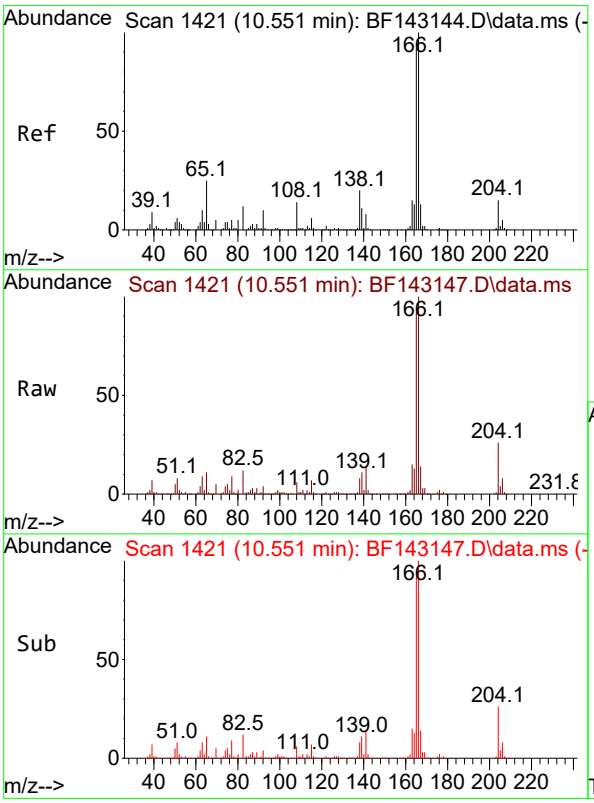
Ion	Ratio	Lower	Upper
165	100		
63	48.1	41.0	61.4
89	72.5	61.1	91.7
182	3.0	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

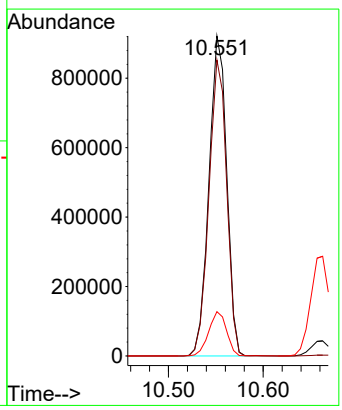
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

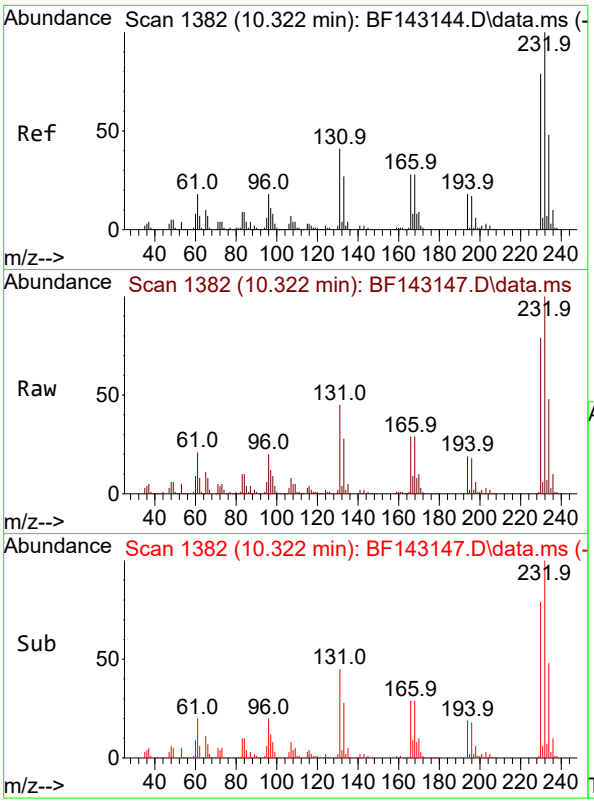


#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:166 Resp: 1197731

Ion	Ratio	Lower	Upper
166	100		
165	92.5	73.7	110.5
167	13.8	10.6	16.0

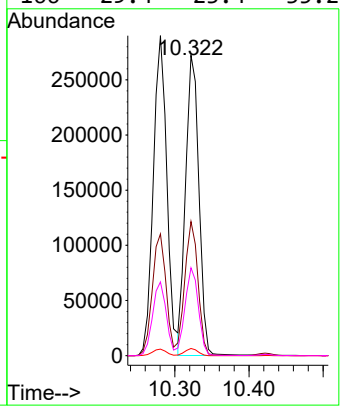




#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:232 Resp: 34011

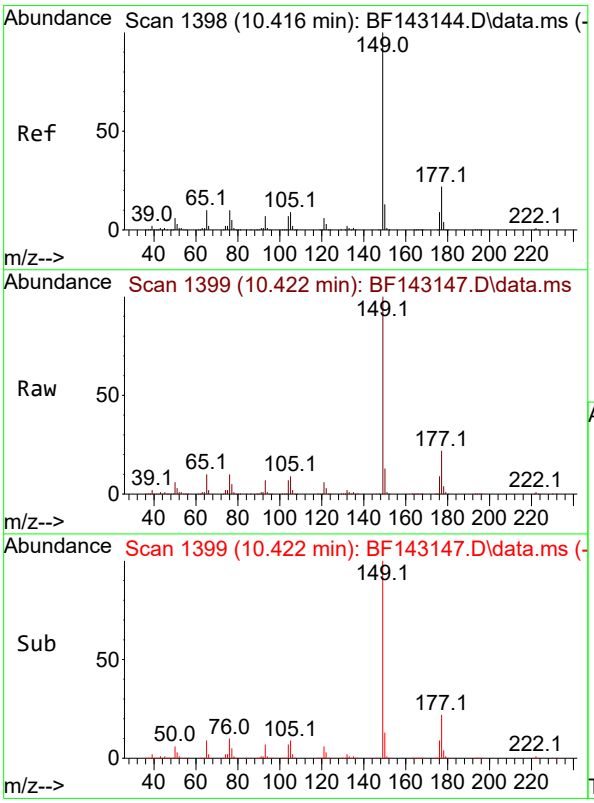
Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.3	52.9
130	2.4	1.7	2.5
166	29.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

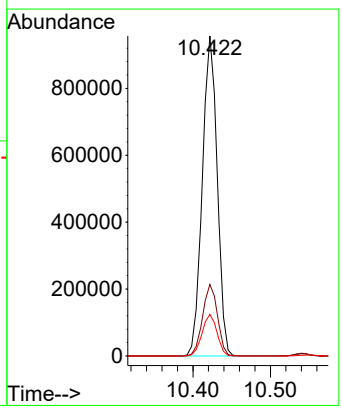
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

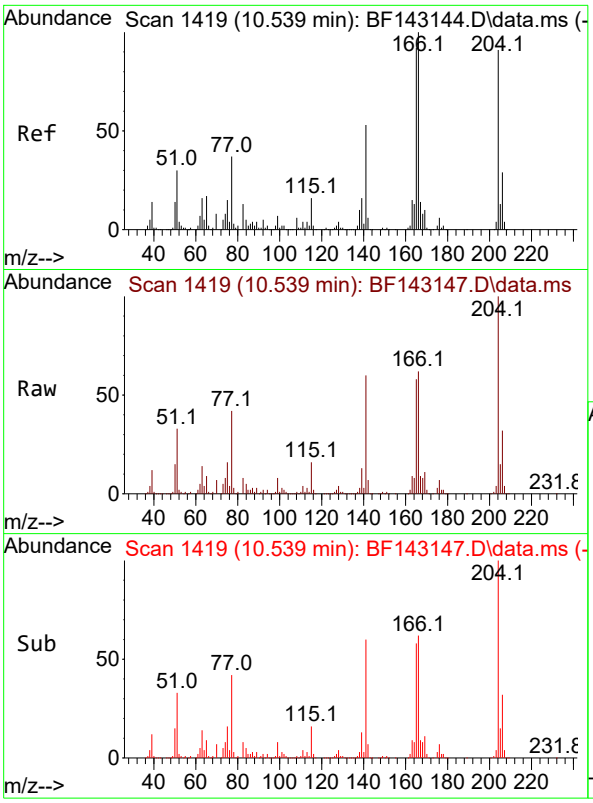


#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1276217

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.5	26.3
150	13.0	10.2	15.2

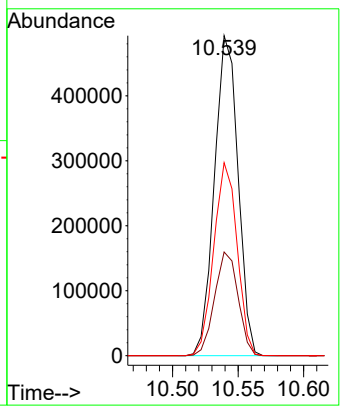




#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:204 Resp: 61496

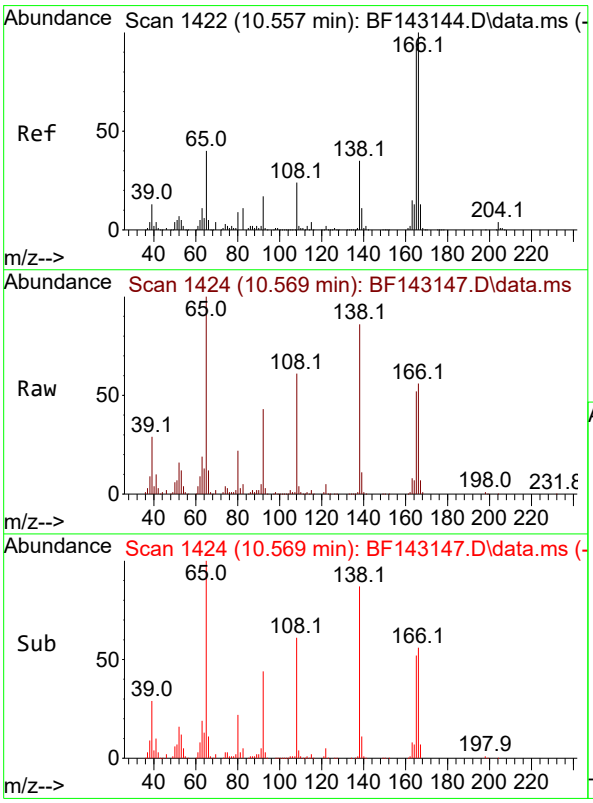
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	60.3	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

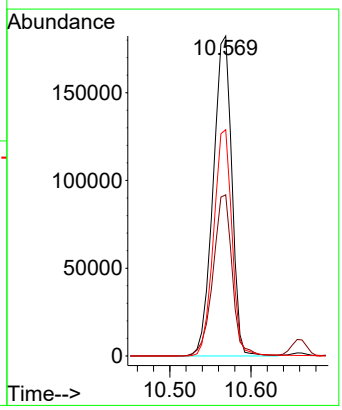
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

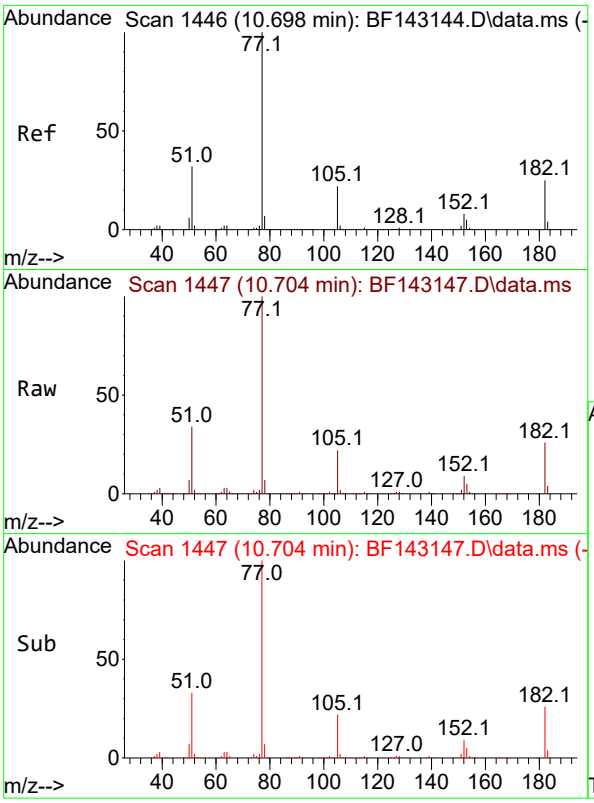


#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 291926

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.3	69.3
108	70.7	48.3	88.3

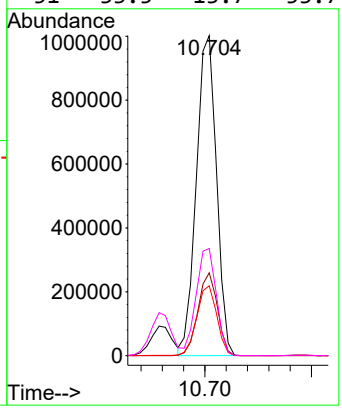




#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 131872

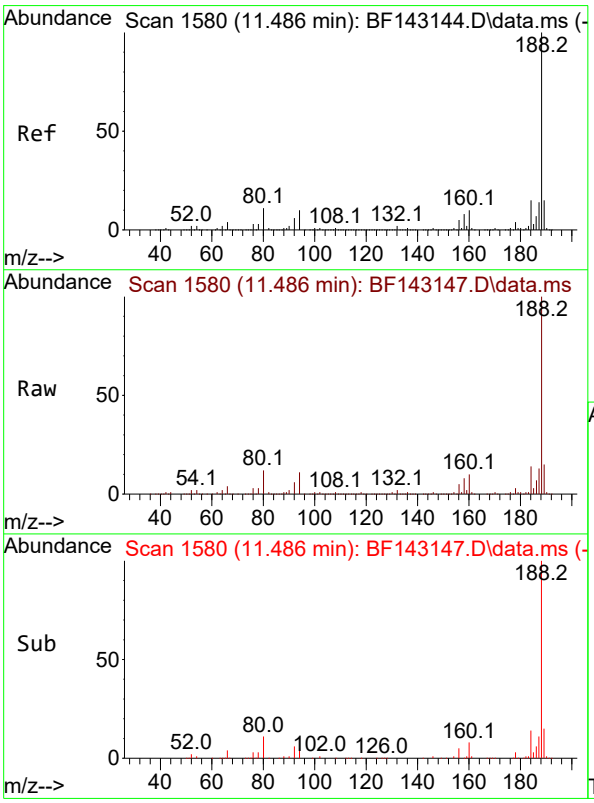
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.6	44.6
105	21.9	1.4	41.4
51	33.5	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

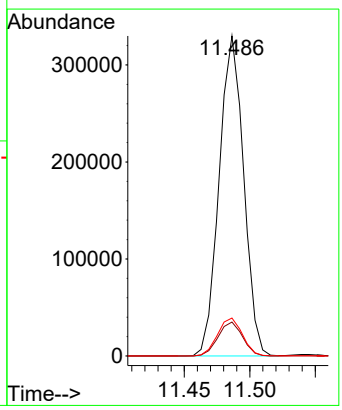
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

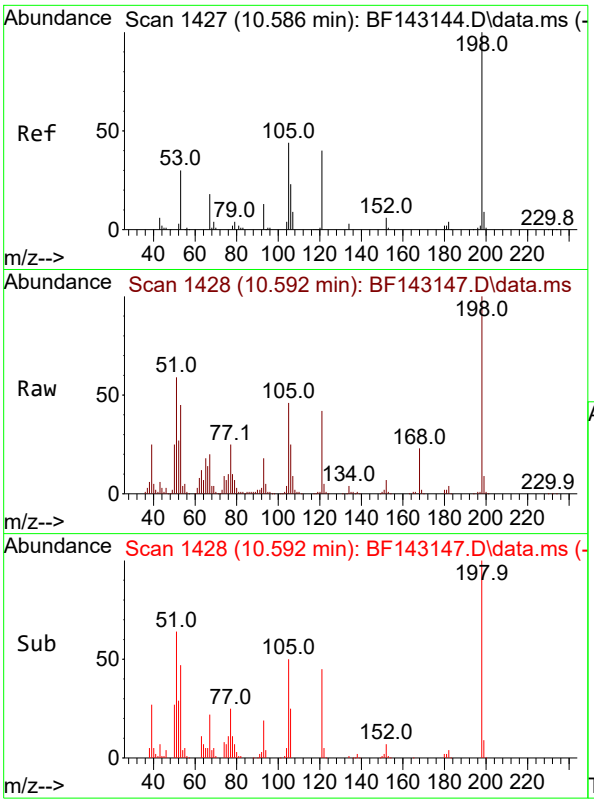


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:188 Resp: 429046

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.8	9.0	13.6

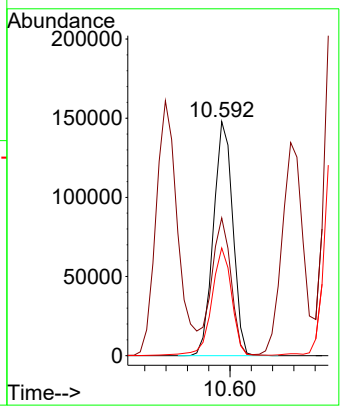




#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:198 Resp: 18641

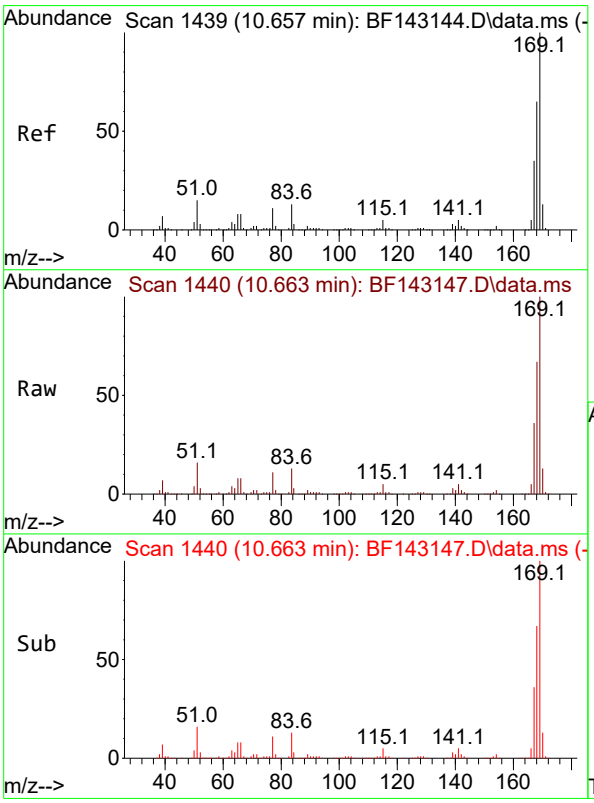
Ion	Ratio	Lower	Upper
198	100		
51	58.9	37.2	77.2
105	46.0	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

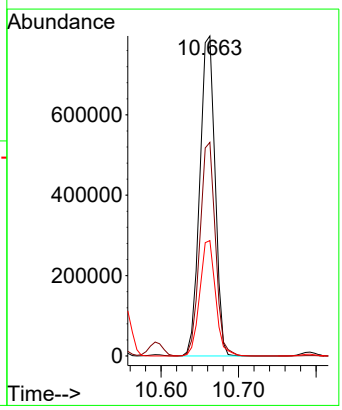
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

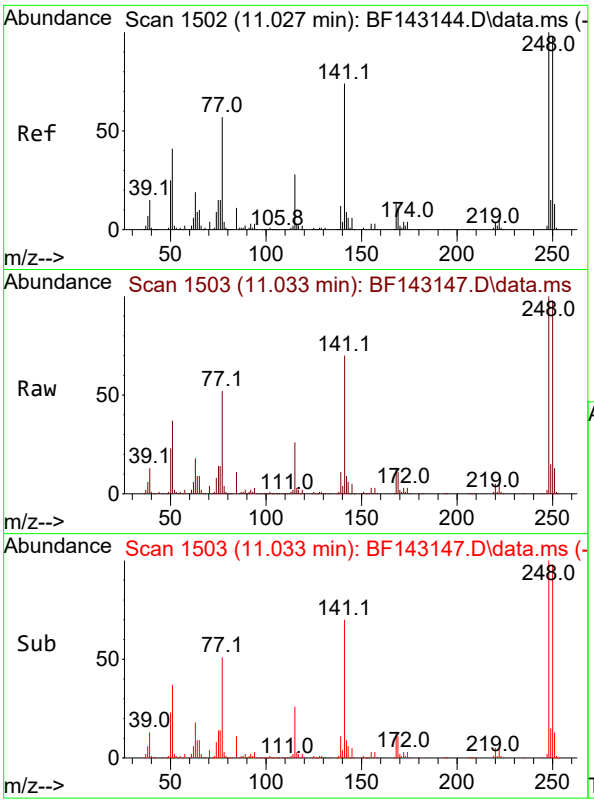


#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:169 Resp: 1087990

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.1	78.1
167	36.1	28.2	42.2

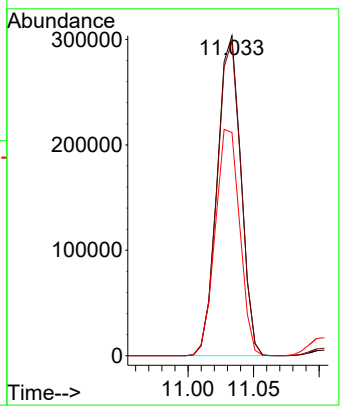




#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:248 Resp: 38212

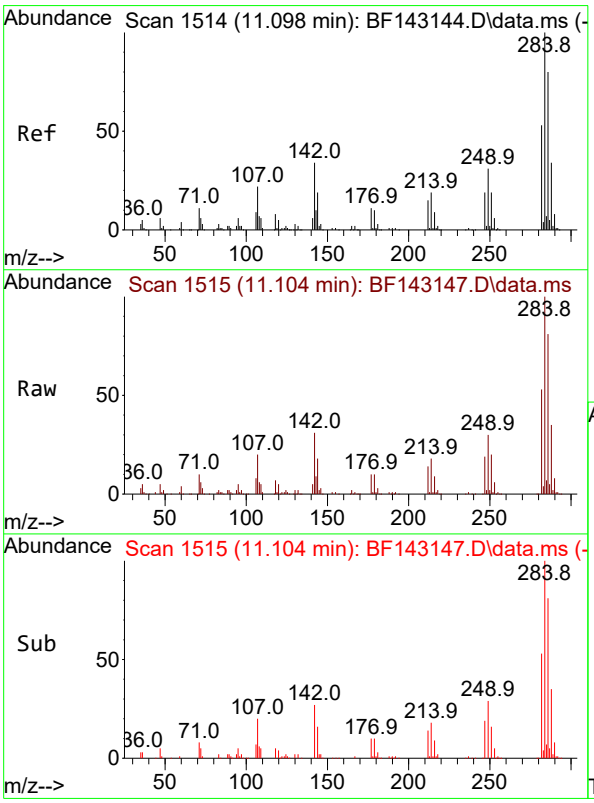
Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.3	117.5
141	69.8	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

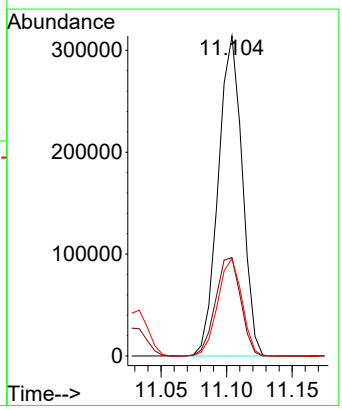
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

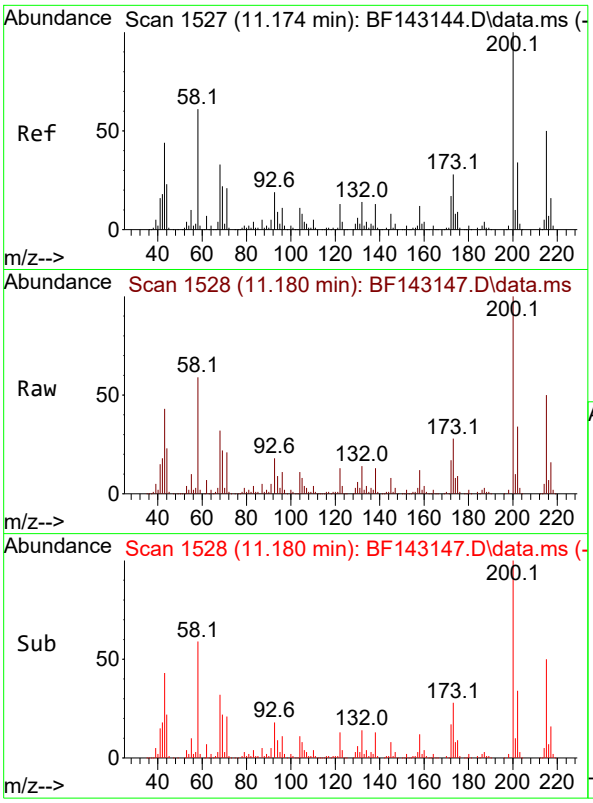


#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:284 Resp: 399107

Ion	Ratio	Lower	Upper
284	100		
142	30.7	27.0	40.6
249	30.5	25.0	37.6

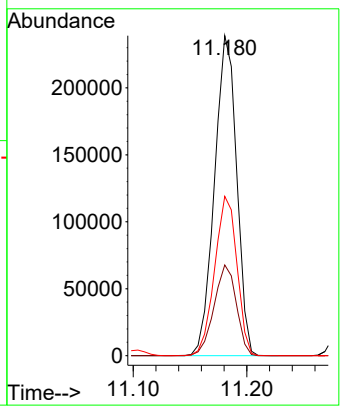




#69
Atrazine
Concen: 77.819 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:200 Resp: 32412

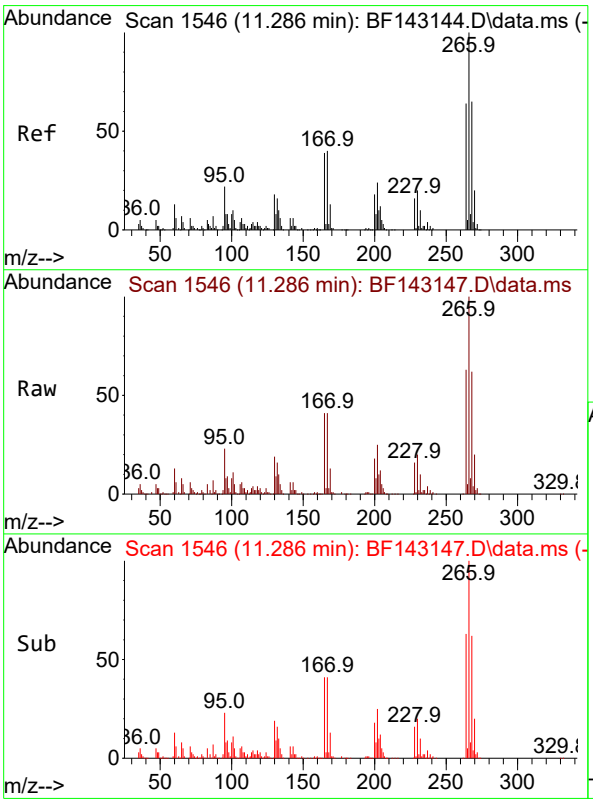
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

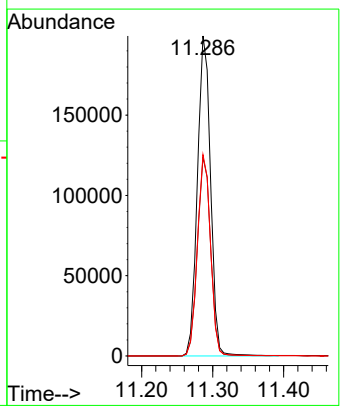
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

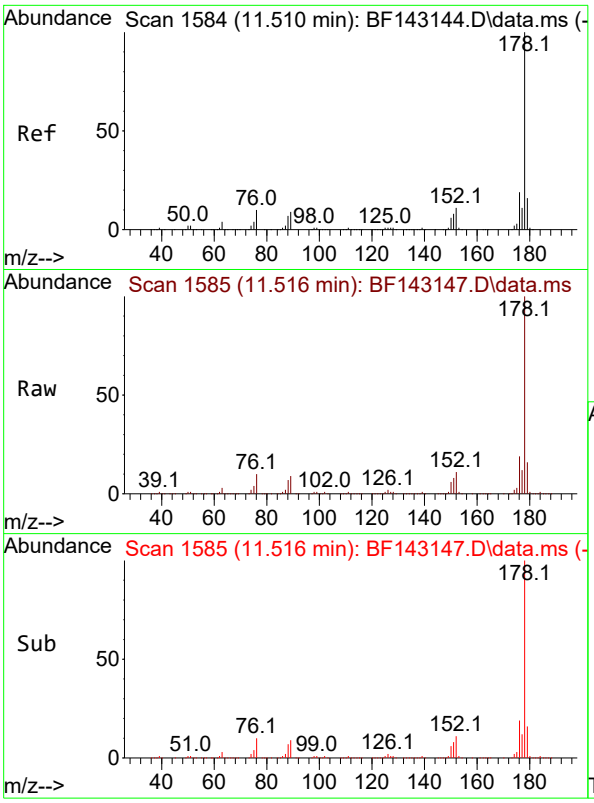


#70
Pentachlorophenol
Concen: 81.829 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:266 Resp: 257176

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.9	77.9
264	62.9	51.0	76.6

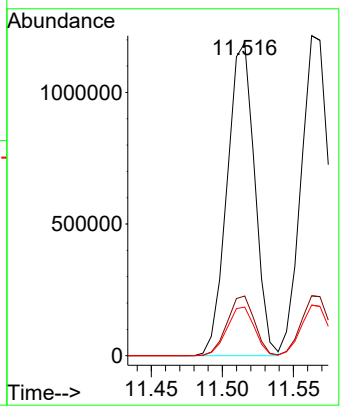




#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 160220

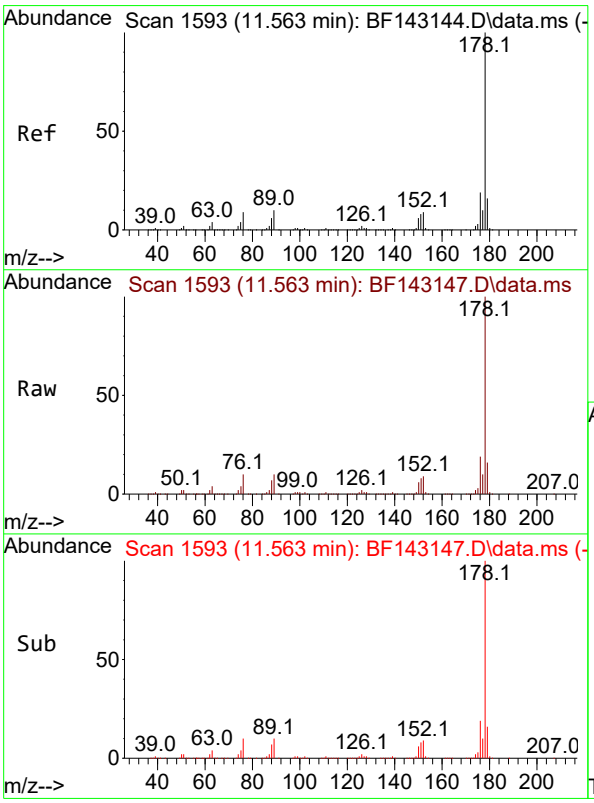
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

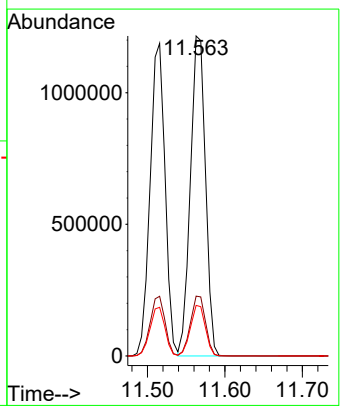
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

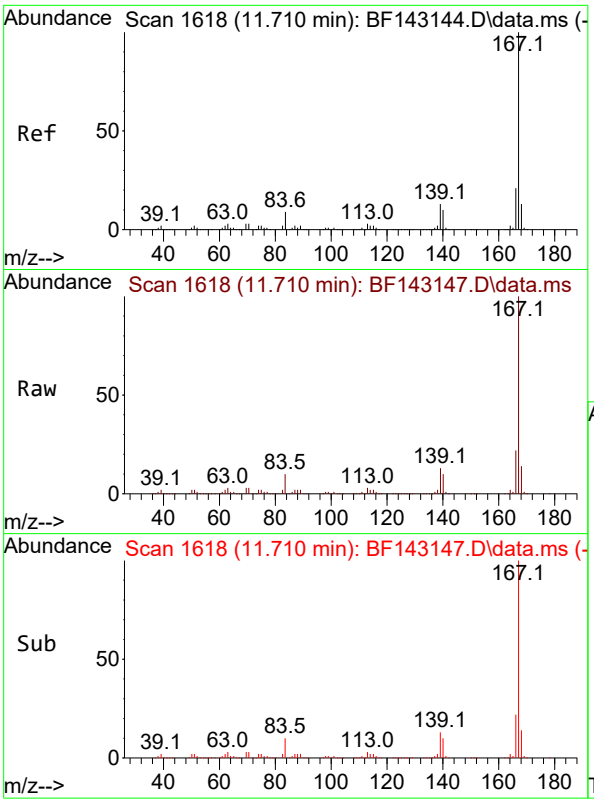


#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 1641264

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.8	12.5	18.7

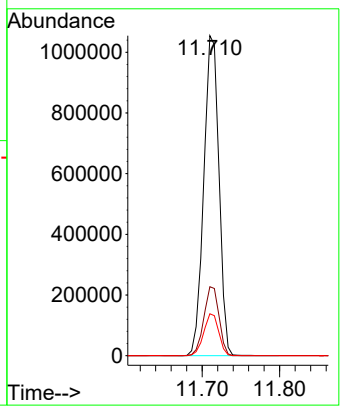




#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:167 Resp: 143544

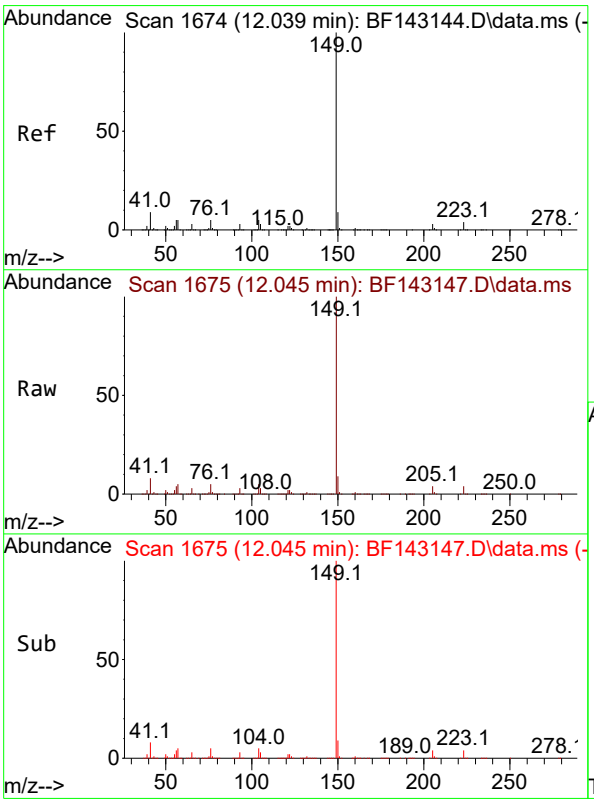
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.1	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

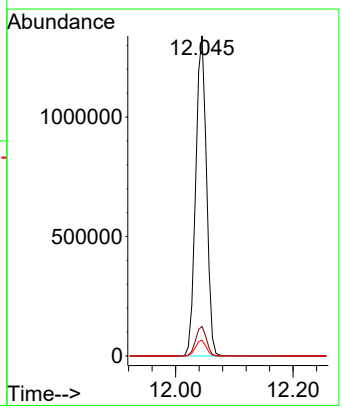
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

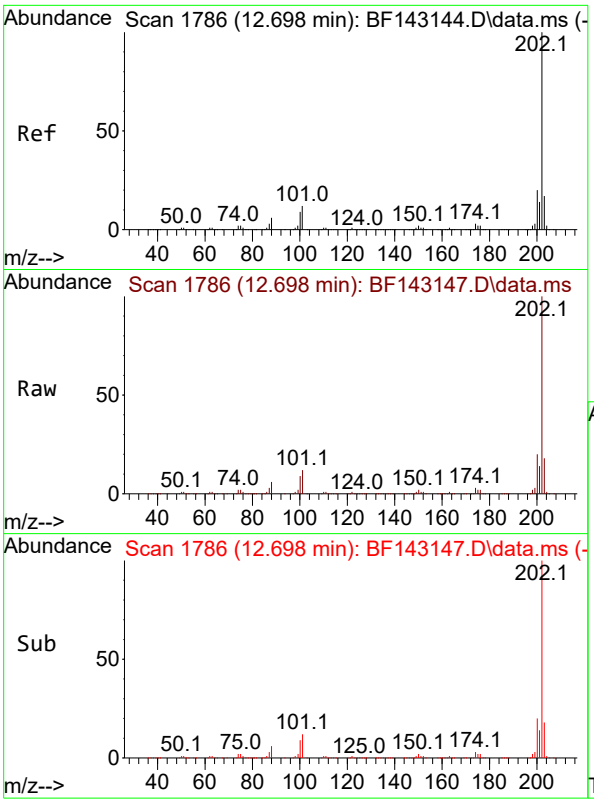


#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1699503

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.8	5.8

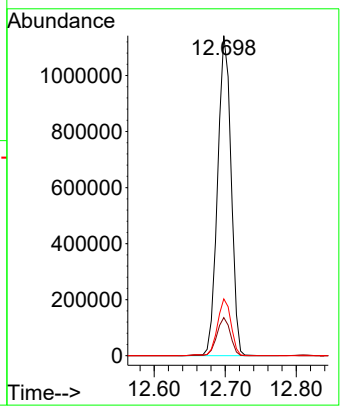




#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 149810

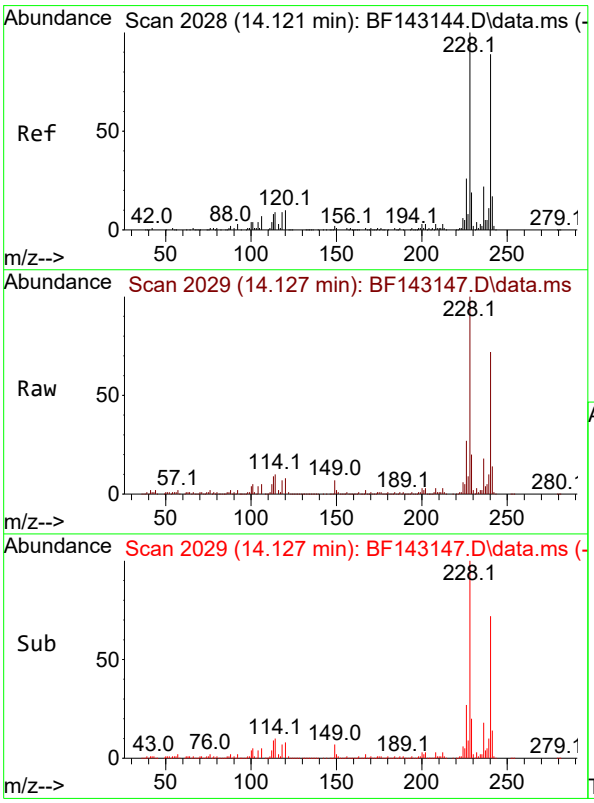
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	17.8	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

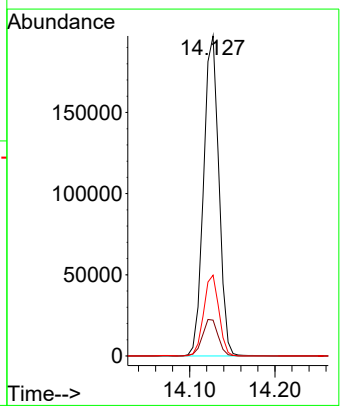
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

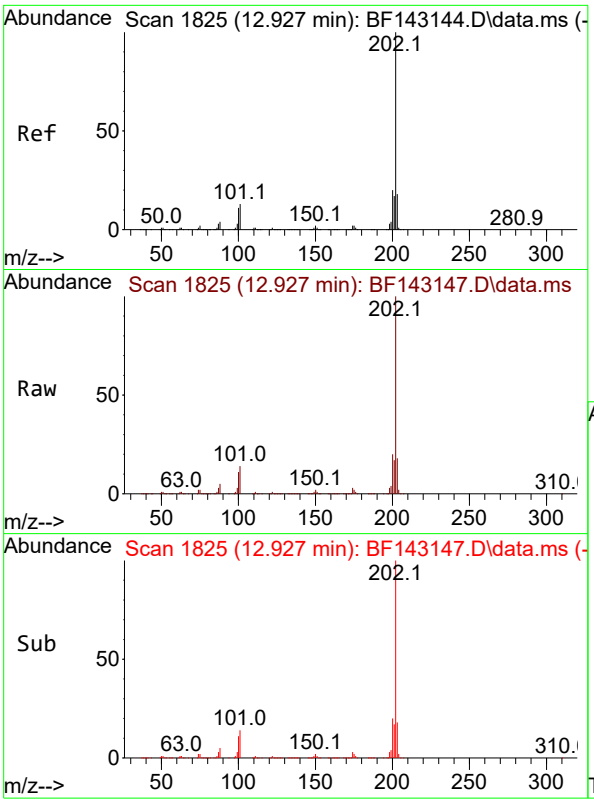


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:240 Resp: 245351

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	25.2	20.2	30.4

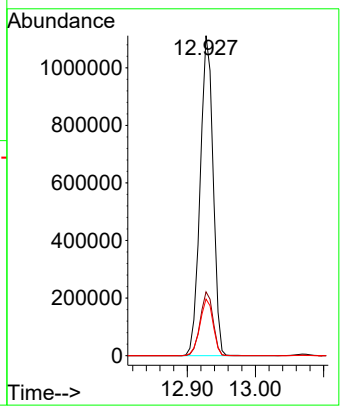




#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 146620

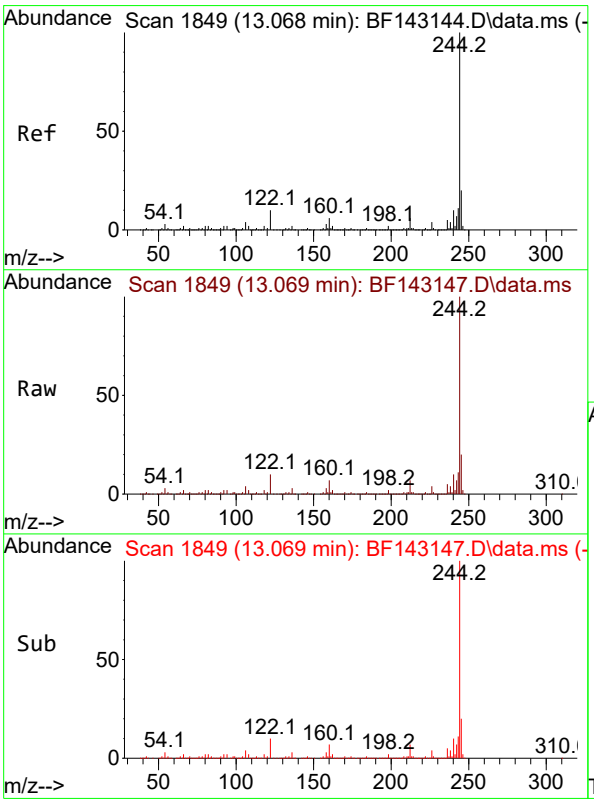
Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.7	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

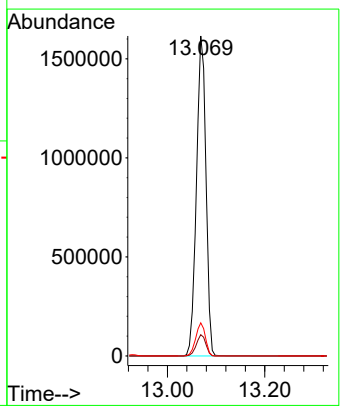
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

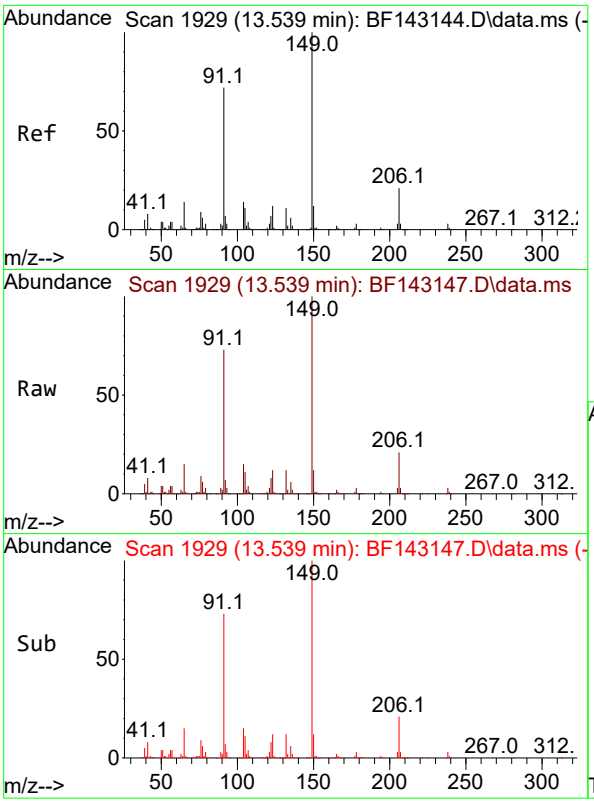


#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:244 Resp: 2202828

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2

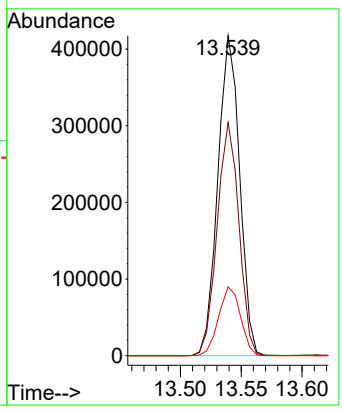




#80
Butylbenzylphthalate
Concen: 81.353 ng
RT: 13.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 52163

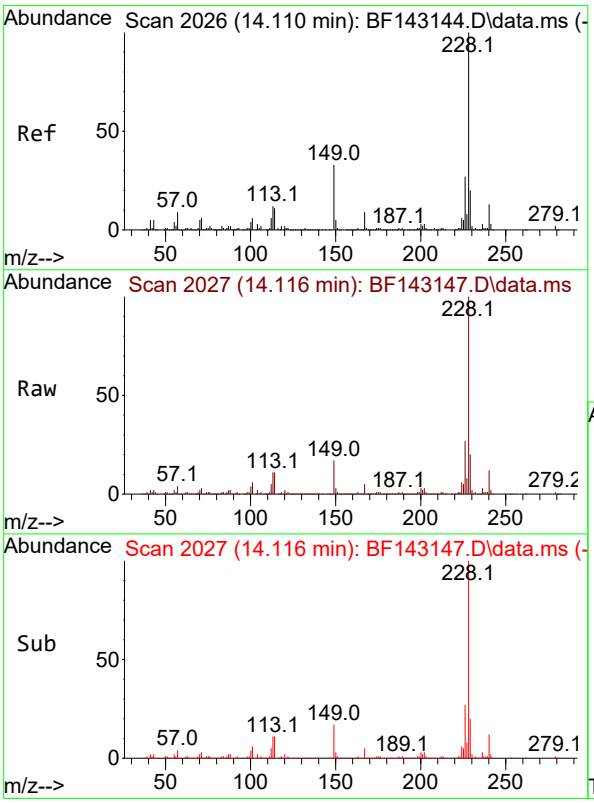
Ion	Ratio	Lower	Upper
149	100		
91	72.9	57.9	86.9
206	21.5	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

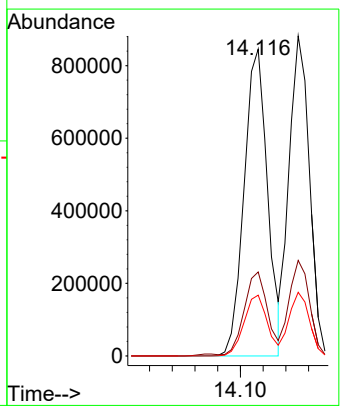
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

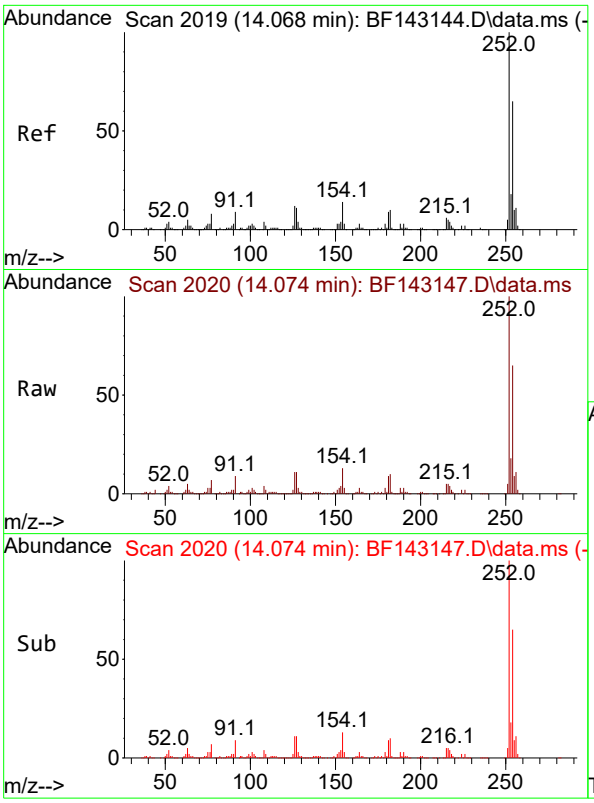


#81
Benzo(a)anthracene
Concen: 73.788 ng
RT: 14.116 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:228 Resp: 1212056

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.8	15.8	23.6

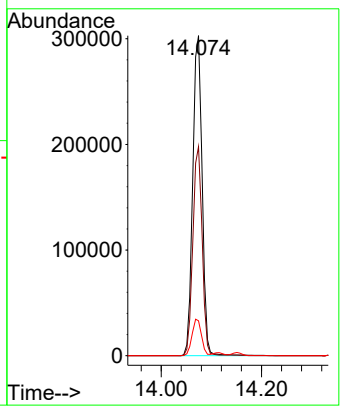




#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 39344

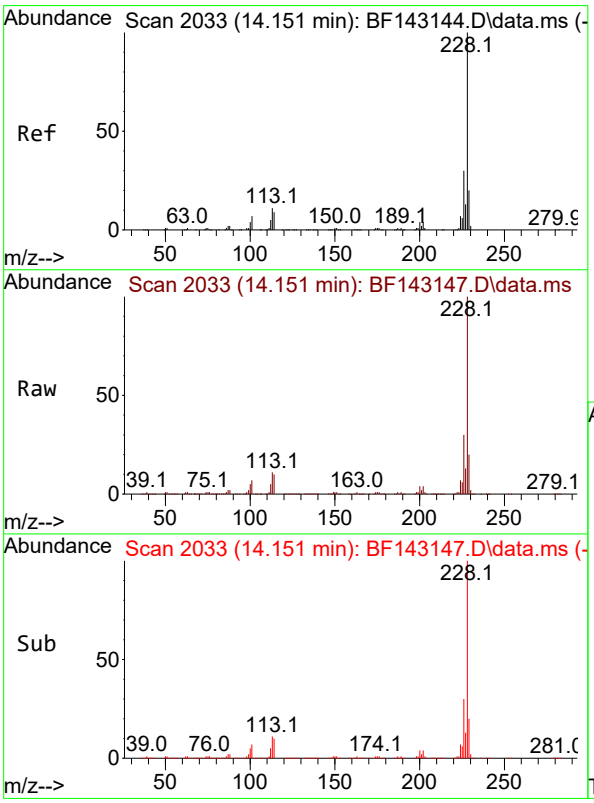
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	10.9	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

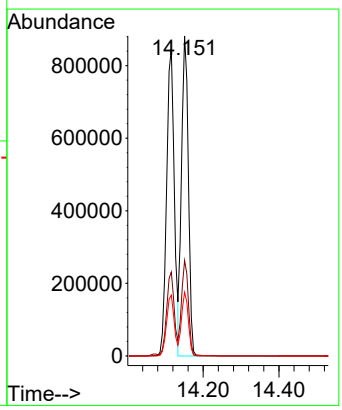
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

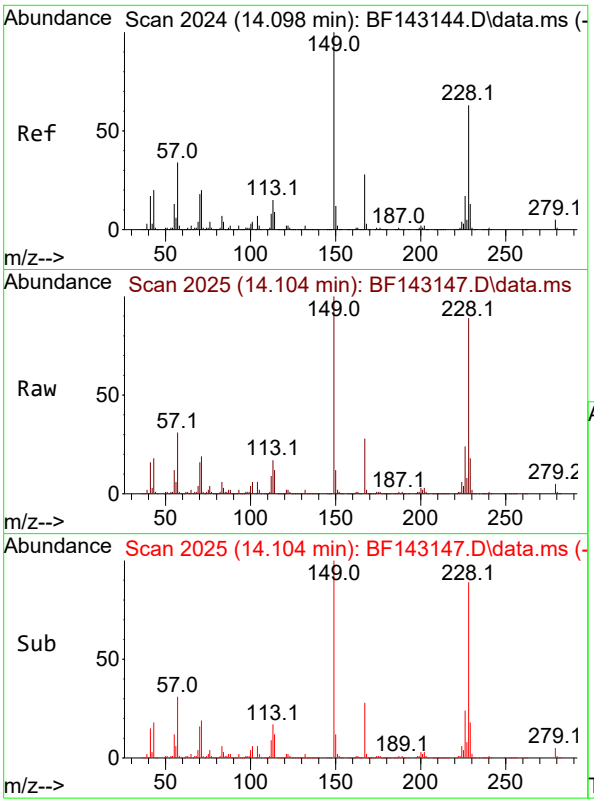


#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:228 Resp: 1105636

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.6	23.4

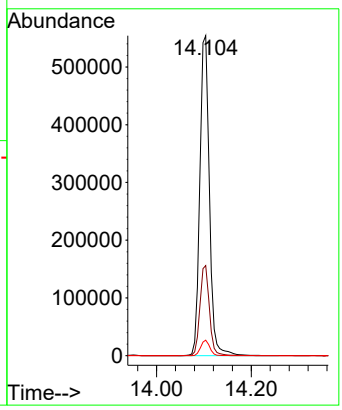




#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 77436

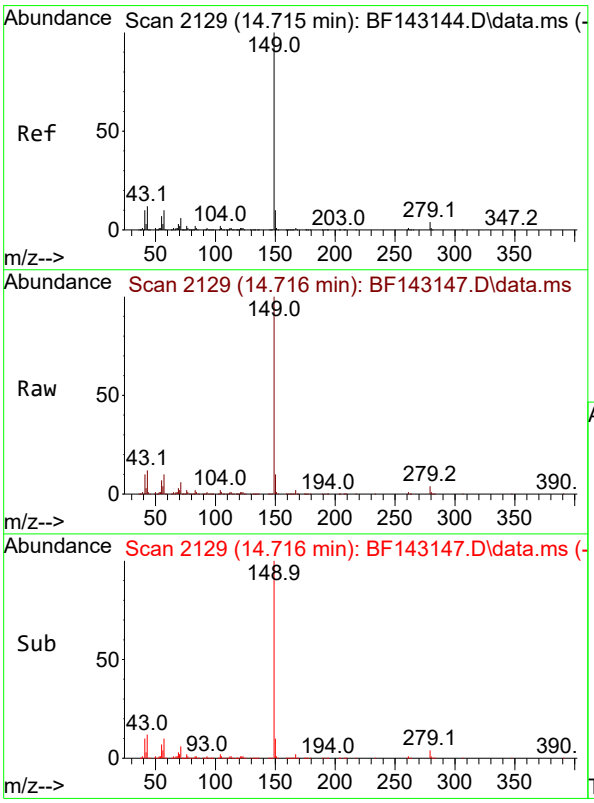
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.9	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

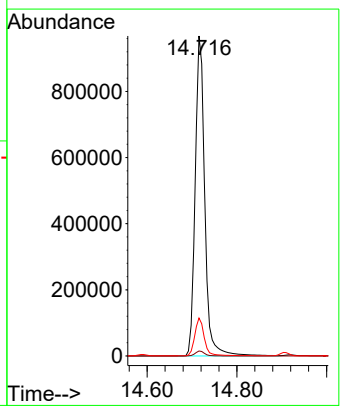
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

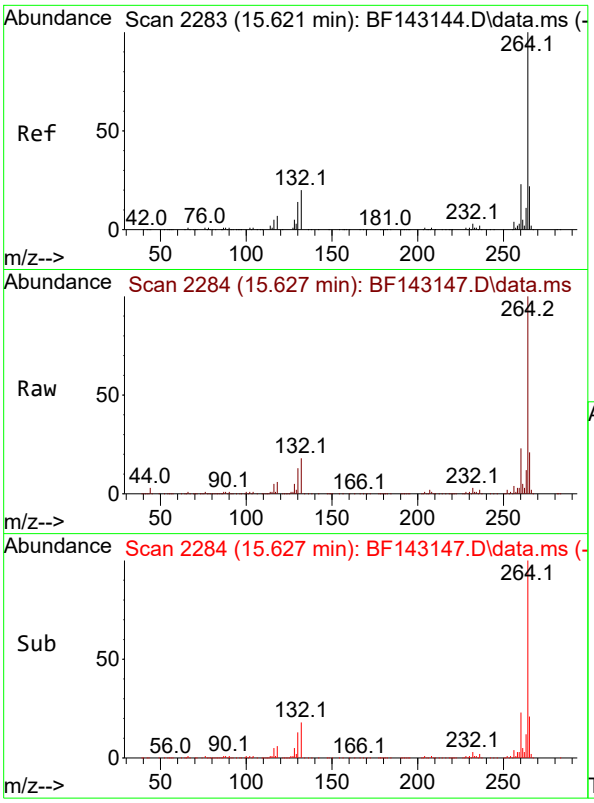


#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1434055

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.7	14.5

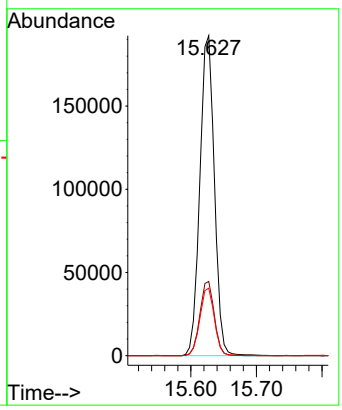




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:264 Resp: 29668

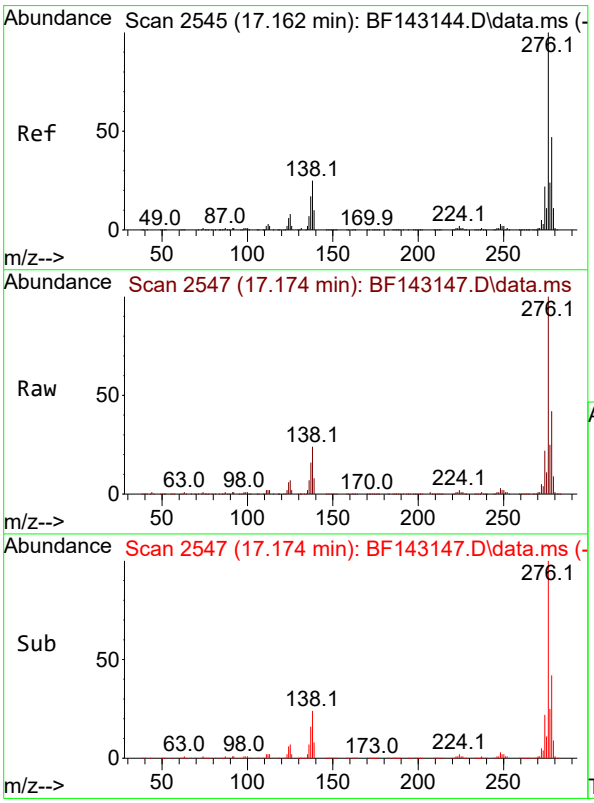
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.1	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

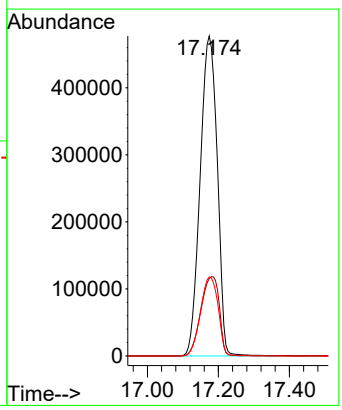
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

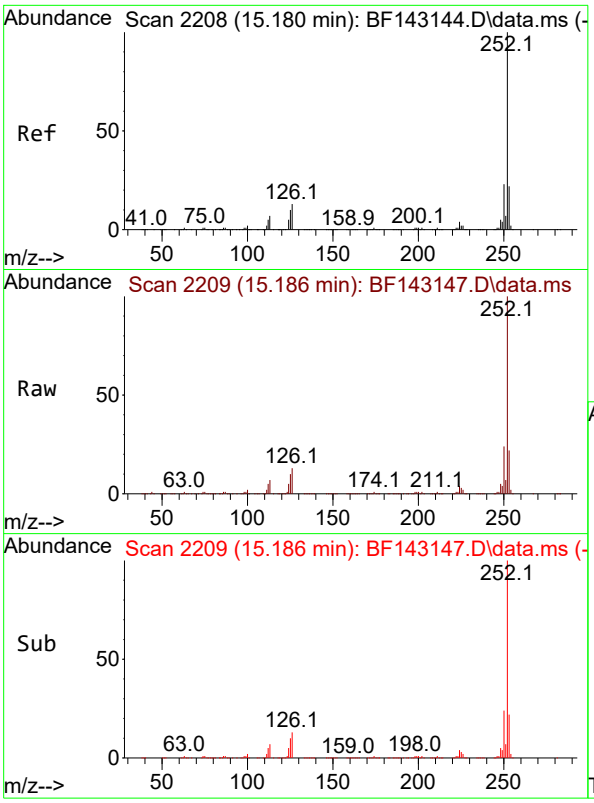


#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 1604969

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	25.5	20.0	30.0





#88
Benzo(b)fluoranthene
Concen: 79.367 ng
RT: 15.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

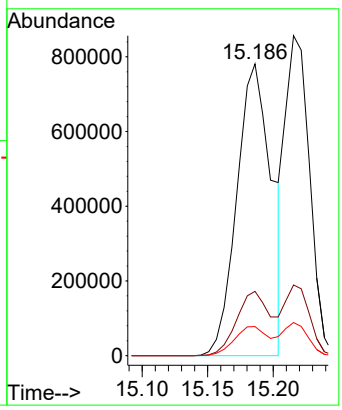
Tgt Ion:252 Resp: 143851

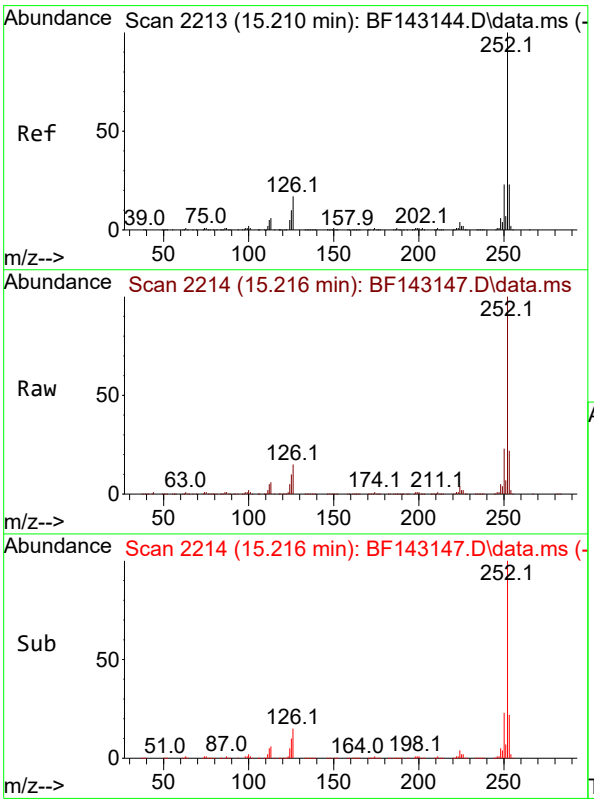
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.0	8.0	12.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

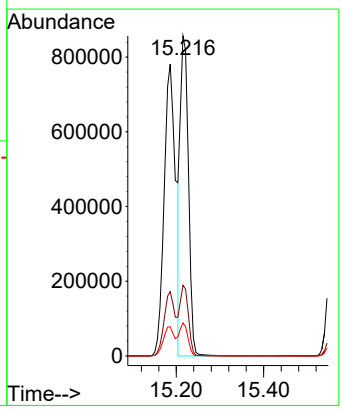


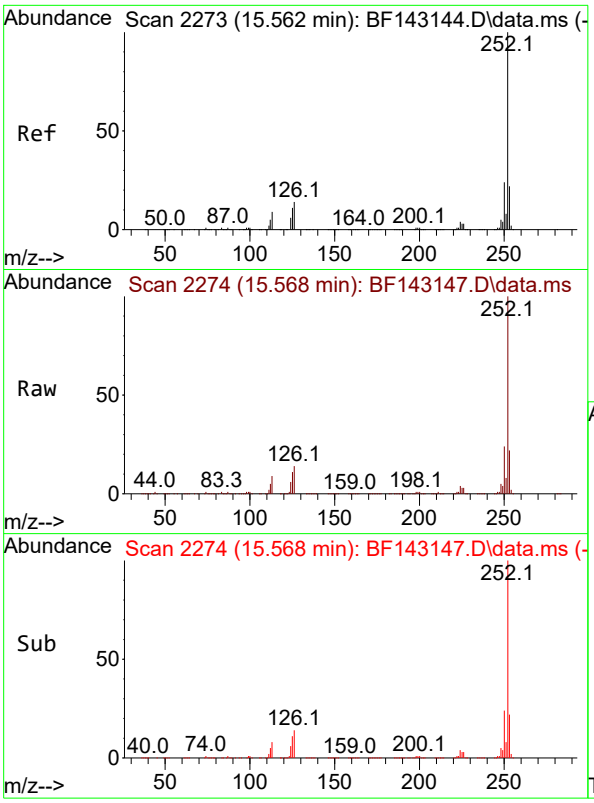


#89
Benzo(k)fluoranthene
Concen: 68.737 ng
RT: 15.216 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1111726

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.1	12.1

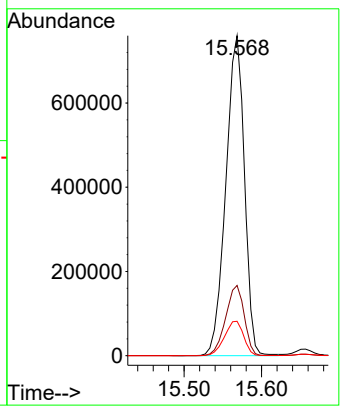




#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 126925

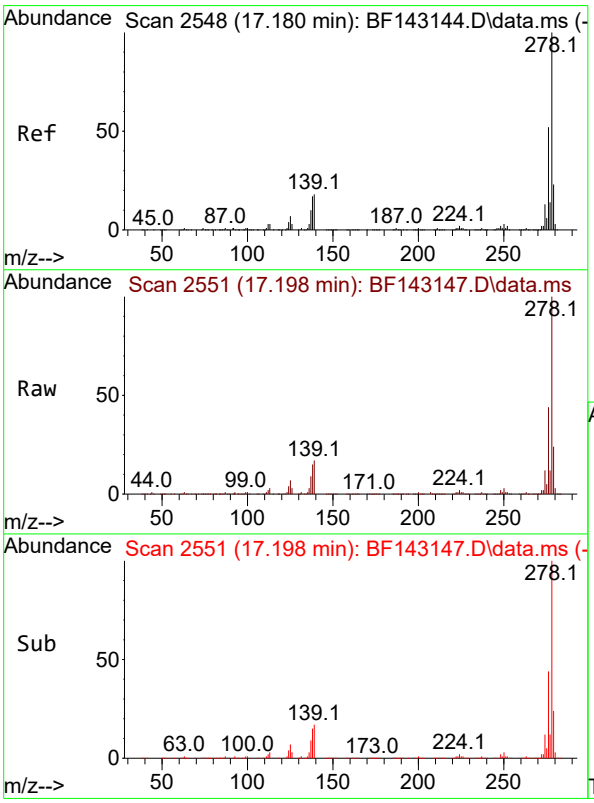
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.8	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

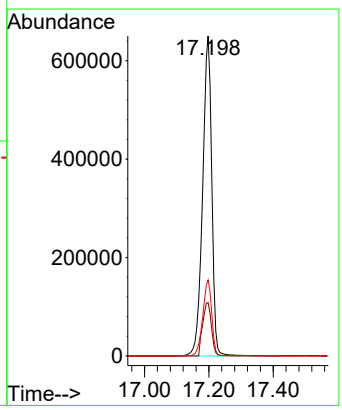
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

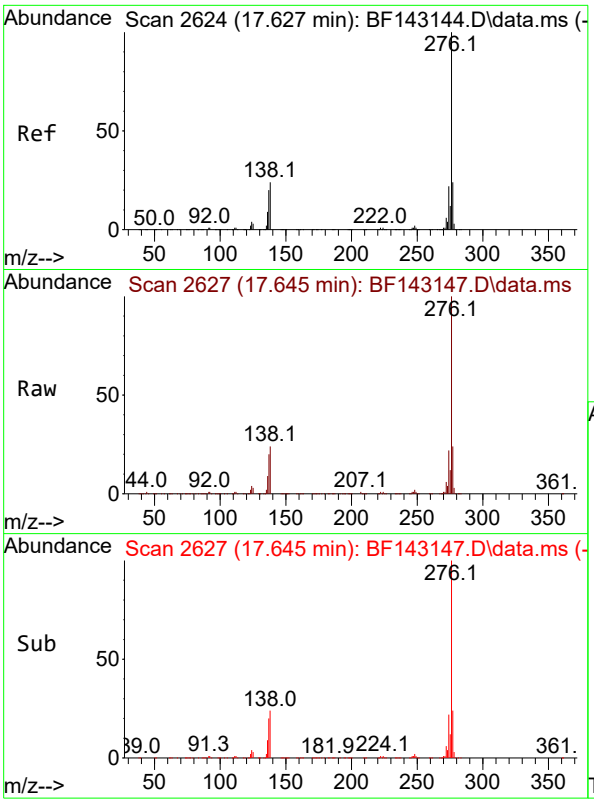


#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:278 Resp: 1289789

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.1	21.1
279	23.8	18.6	28.0

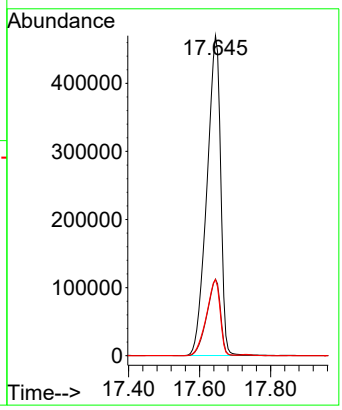




#92
Benzo(g,h,i)perylene
Concen: 76.846 ng
RT: 17.645 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 126577

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	23.7	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	508952m	40.827	ng	
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	246820	42.989	ng	97
46) 1,1'-Biphenyl	9.422	154	920059	41.053	ng	100
47) 2-Chloronaphthalene	9.445	162	666359	40.184	ng	100
48) 2-Nitroaniline	9.533	65	227376	43.723	ng	100
49) Acenaphthylene	9.863	152	1111992	40.013	ng	100
50) Dimethylphthalate	9.716	163	753041	40.218	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166911	43.820	ng	98
52) Acenaphthene	10.033	154	659908	40.176	ng	99
53) 3-Nitroaniline	9.939	138	191512	42.985	ng	98
54) 2,4-Dinitrophenol	10.045	184	64659	40.998	ng	98
55) Dibenzofuran	10.204	168	974991	39.981	ng	100
56) 4-Nitrophenol	10.086	139	140876	42.344	ng	99
57) 2,4-Dinitrotoluene	10.175	165	212369	44.440	ng	97
58) Fluorene	10.551	166	717816	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	198530	41.743	ng	99
60) Diethylphthalate	10.416	149	753774	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	367981	40.377	ng	99
62) 4-Nitroaniline	10.551	138	160193	41.953	ng	98
63) Azobenzene	10.698	77	779524	40.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	98462	41.869	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647855	40.250	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	222405	40.828	ng	100
68) Hexachlorobenzene	11.098	284	229272	40.268	ng	100
69) Atrazine	11.174	200	189104	42.615	ng	99
70) Pentachlorophenol	11.286	266	141608	42.292	ng	99
71) Phenanthrene	11.510	178	971448	40.026	ng	100
72) Anthracene	11.563	178	1003925	40.557	ng	99
73) Carbazole	11.710	167	874867	40.476	ng	100
74) Di-n-butylphthalate	12.039	149	1035244	42.330	ng	100
75) Fluoranthene	12.698	202	909717	40.836	ng	100
77) Benzidine	12.810	184	441470	43.239	ng	100
78) Pyrene	12.927	202	902771	39.916	ng	99
80) Butylbenzylphthalate	13.539	149	303528	43.827	ng	98
81) Benzo(a)anthracene	14.110	228	708799	39.950	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	258837	43.772	ng	100
83) Chrysene	14.145	228	673701	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	456811	43.578	ng	100
85) Di-n-octyl phthalate	14.715	149	818512	43.077	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	896404	40.983	ng	100
88) Benzo(b)fluoranthene	15.180	252	820119	43.278	ng	100
89) Benzo(k)fluoranthene	15.209	252	634642	37.531	ng	99
90) Benzo(a)pyrene	15.562	252	708756	40.594	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	724758	40.710	ng	99
92) Benzo(g,h,i)perylene	17.627	276	712864	41.394	ng	100

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

ICAL Form

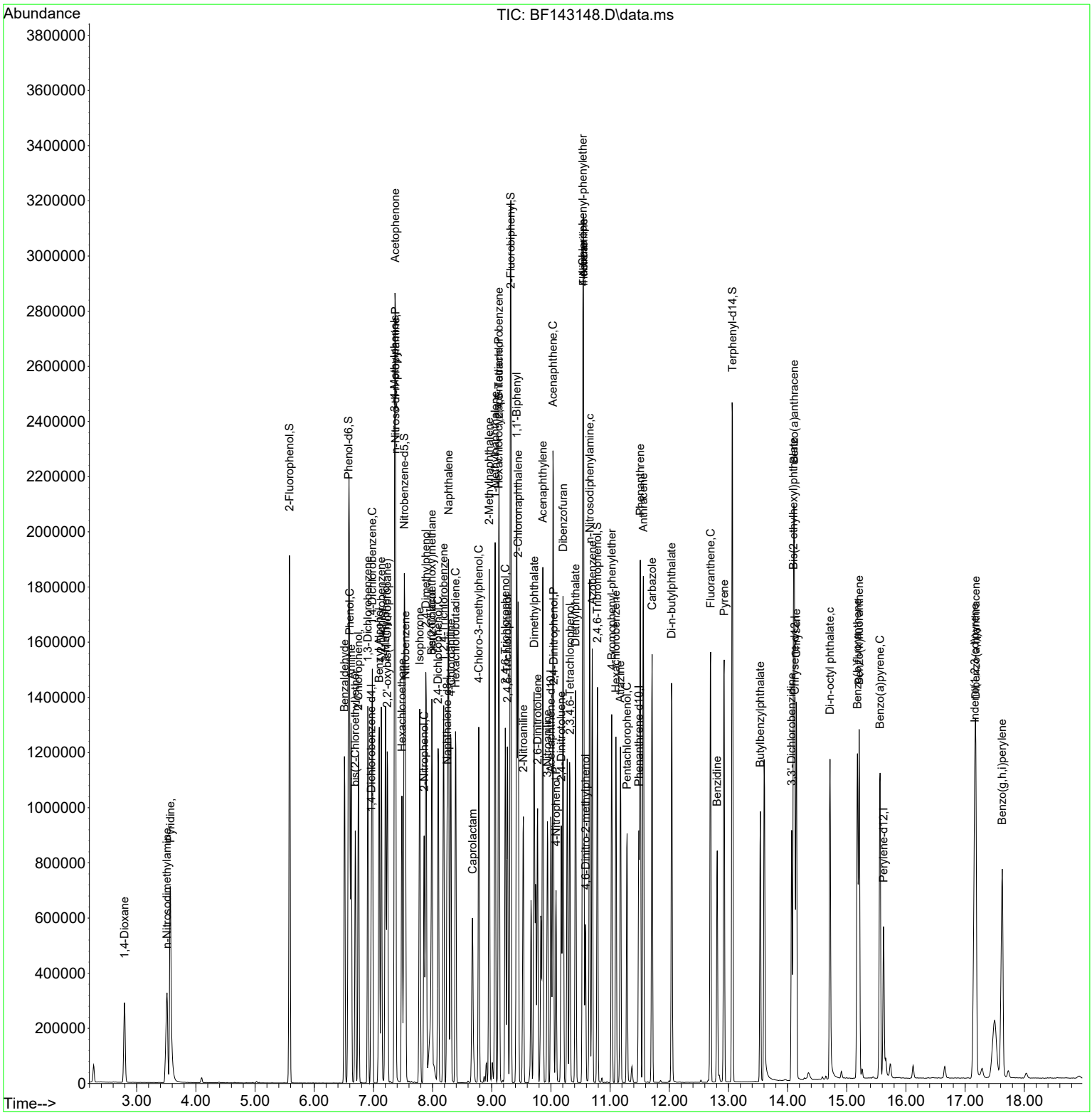
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

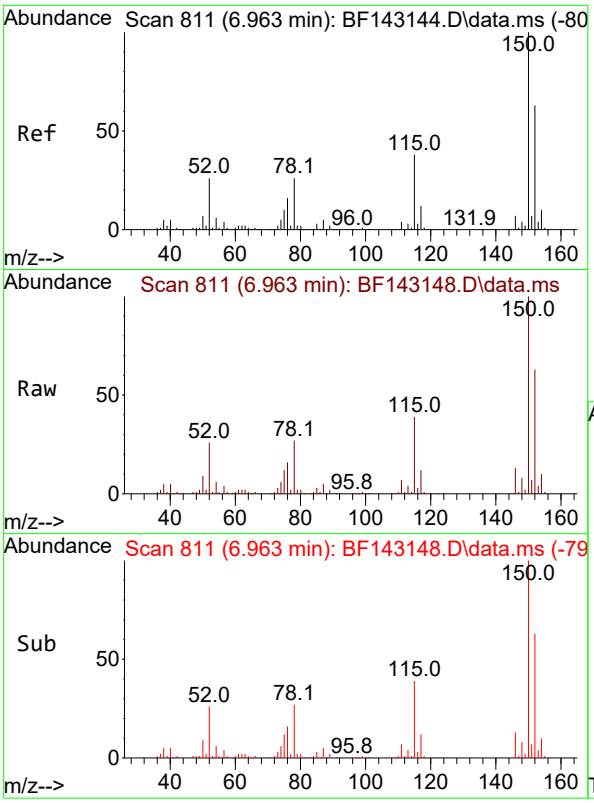
Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

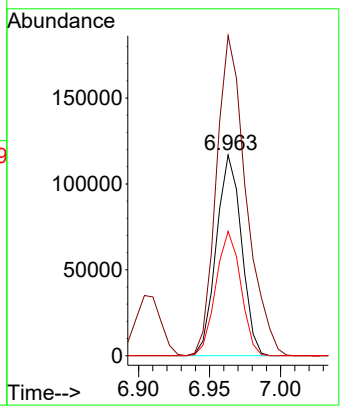




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:152 Resp: 14386

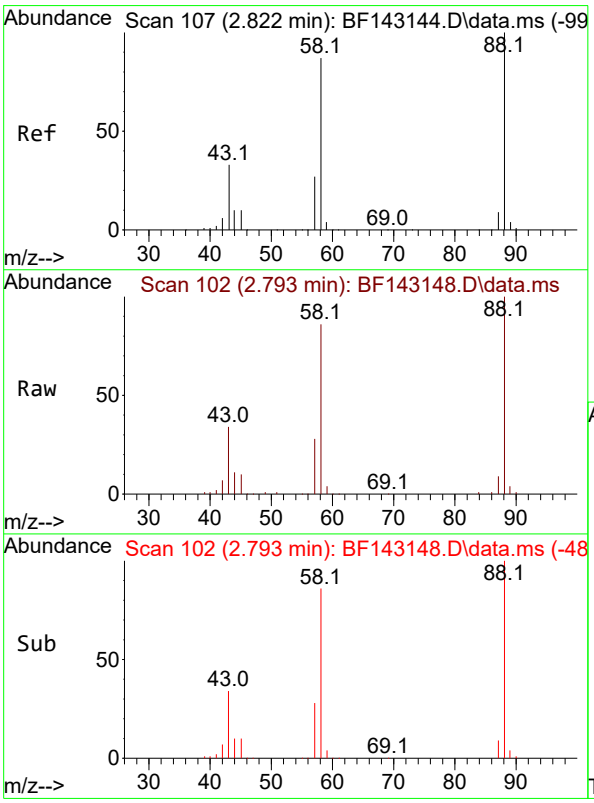
Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.2	192.4
115	62.0	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

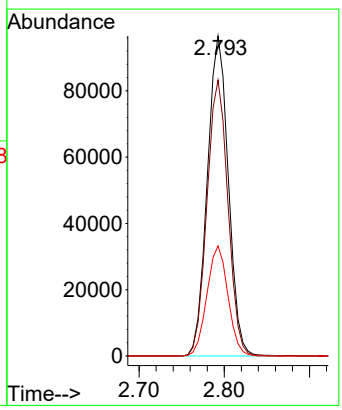
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

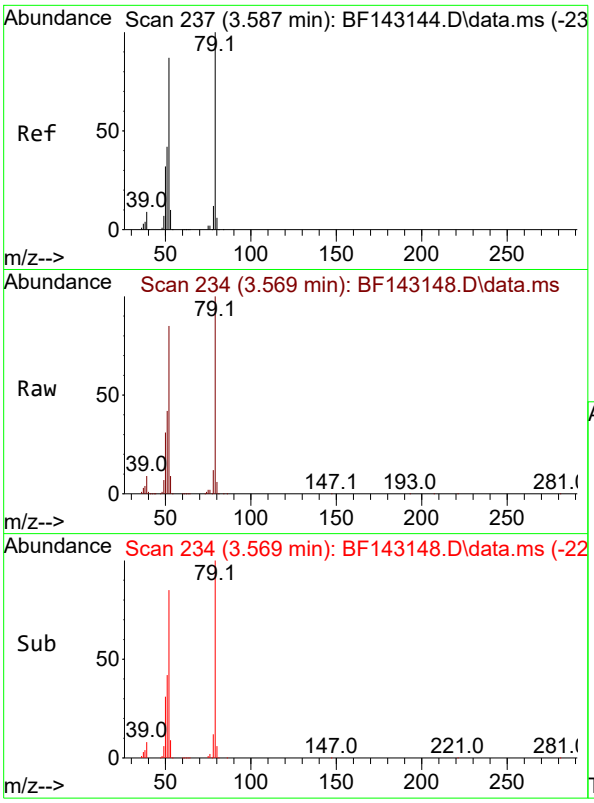


#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 88 Resp: 165605

Ion	Ratio	Lower	Upper
88	100		
58	86.0	70.2	105.2
43	34.4	27.1	40.7

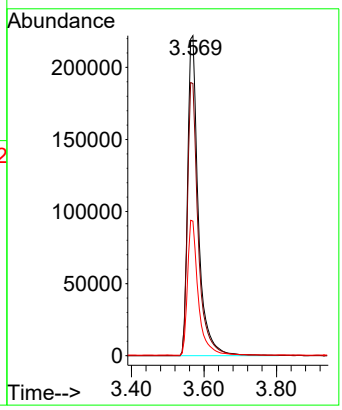




#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 79 Resp: 45336

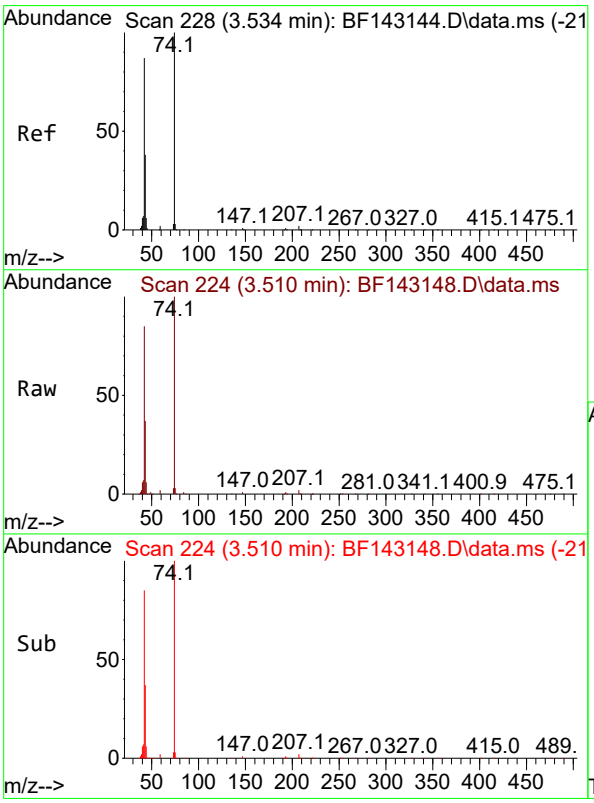
Ion	Ratio	Lower	Upper
79	100		
52	85.0	69.4	104.2
51	42.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

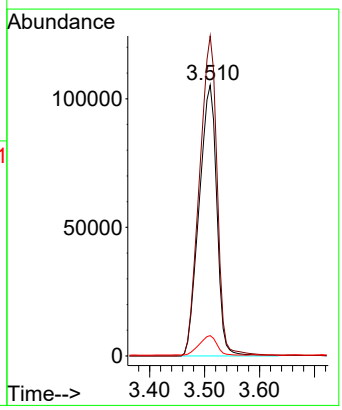
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

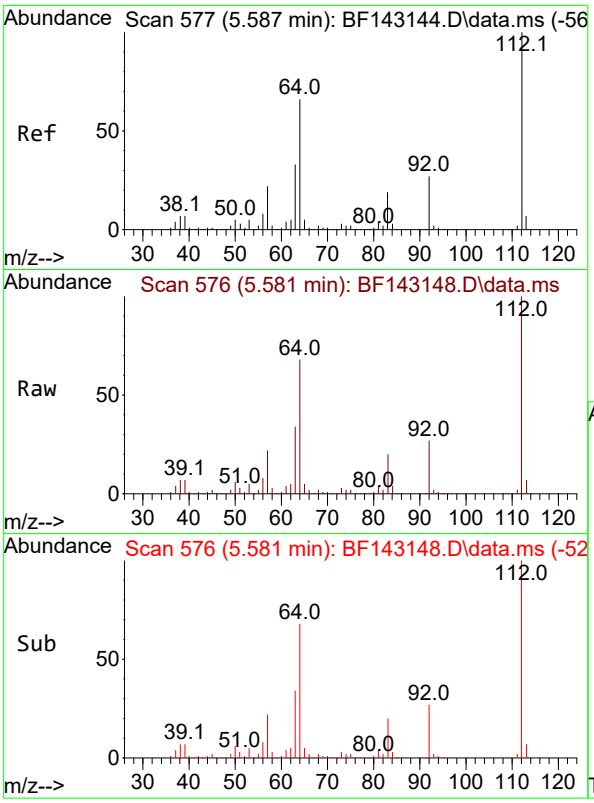


#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 42 Resp: 235215

Ion	Ratio	Lower	Upper
42	100		
74	118.1	91.7	137.5
44	7.5	5.6	8.4

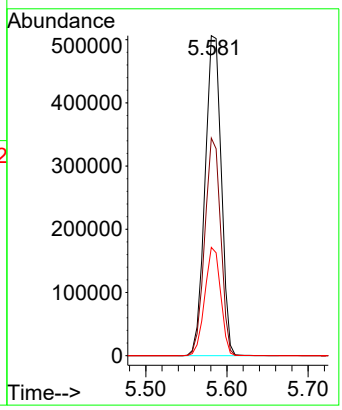




#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:112 Resp: 70133

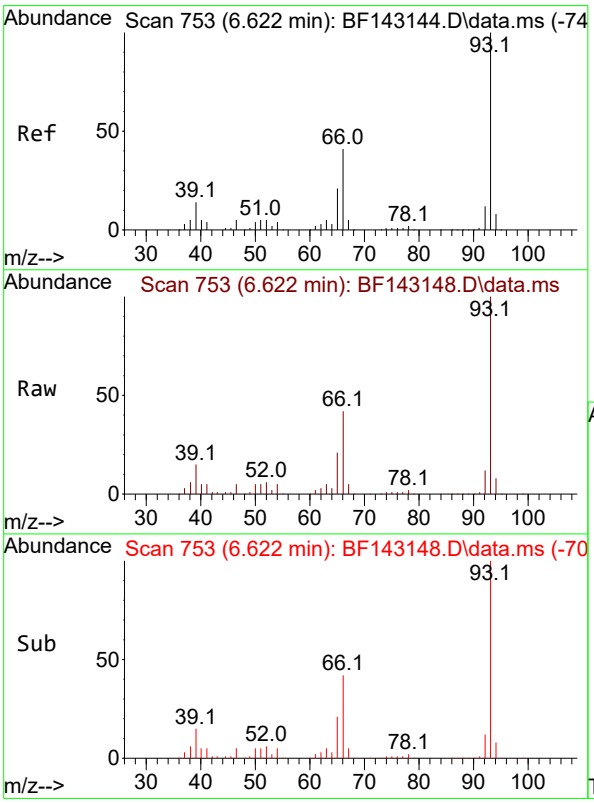
Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	33.9	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

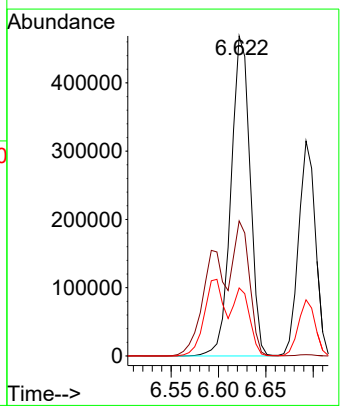
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

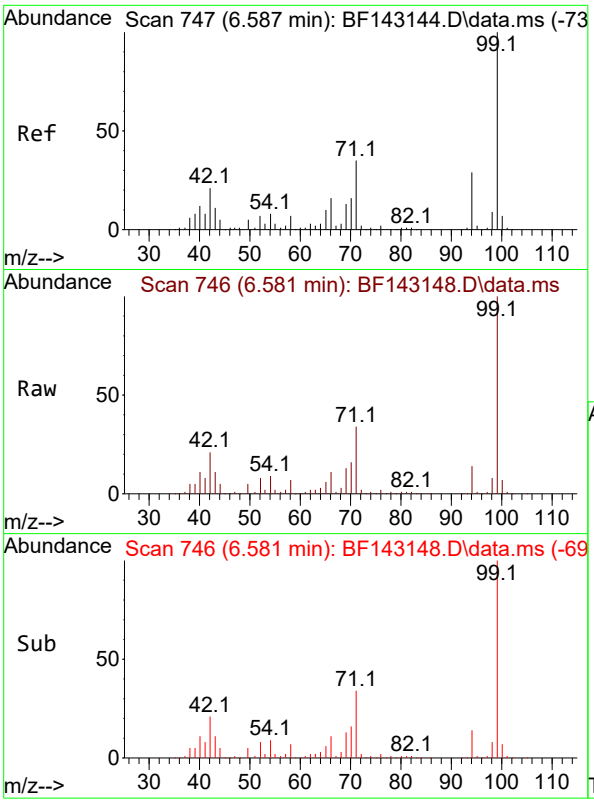


#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 655116

Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.2	49.8
65	21.3	16.9	25.3

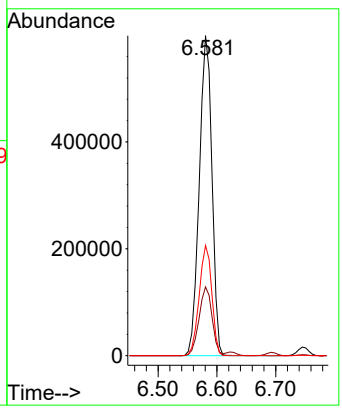




#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 99 Resp: 89408

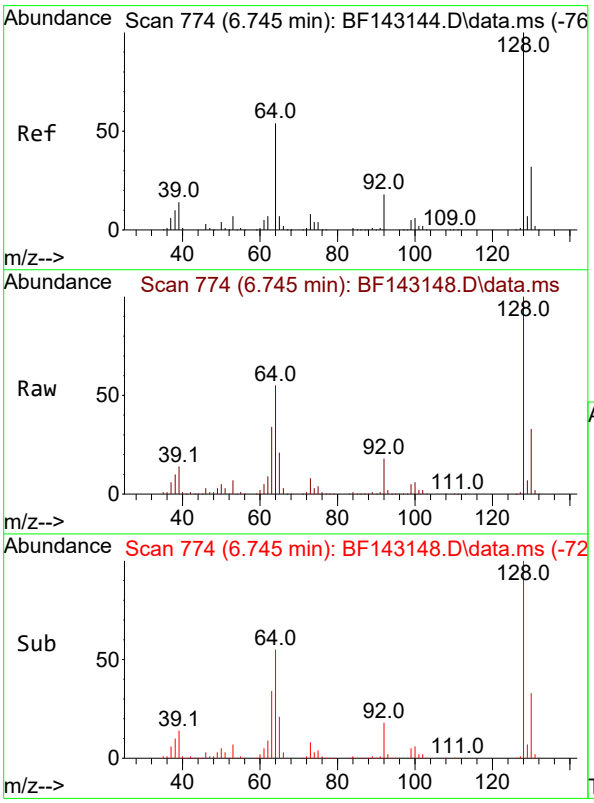
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	34.5	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

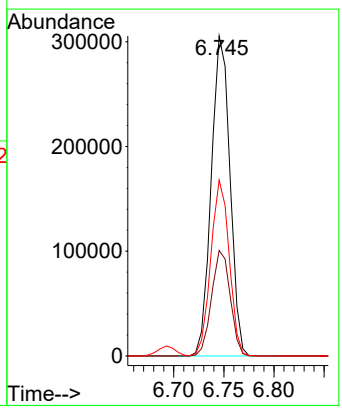
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

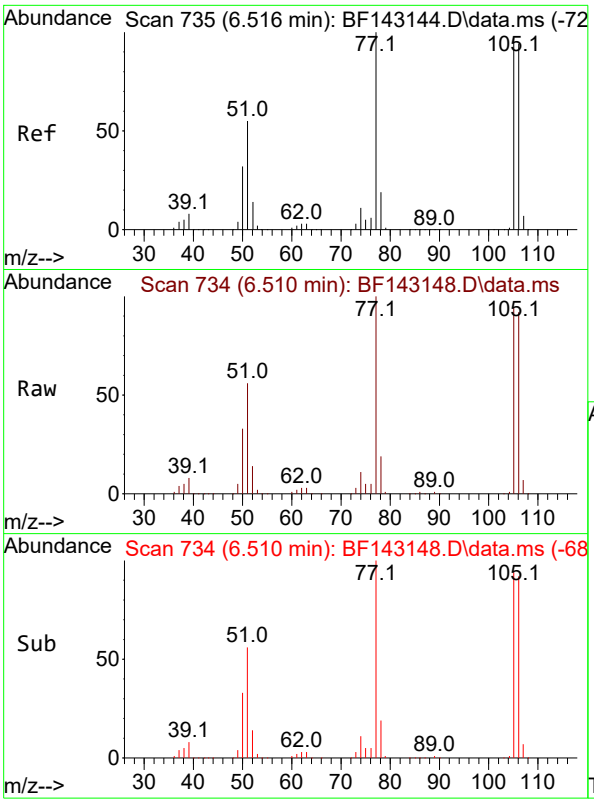


#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	54.9	35.9	75.9

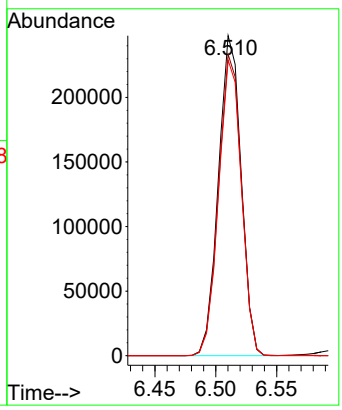




#9
Benzaldehyde
Concen: 37.441 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 32126

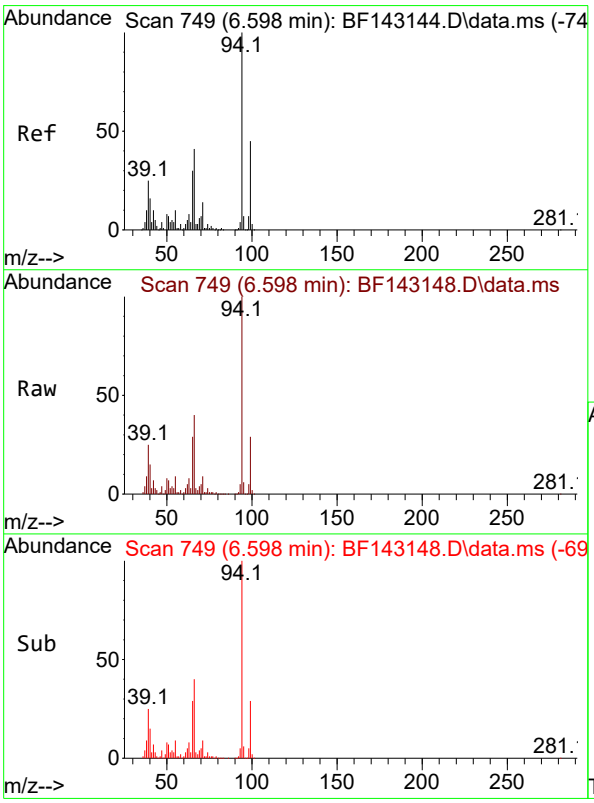
Ion	Ratio	Lower	Upper
77	100		
105	94.2	76.8	116.8
106	92.4	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

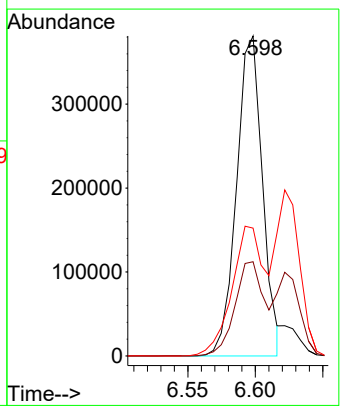
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

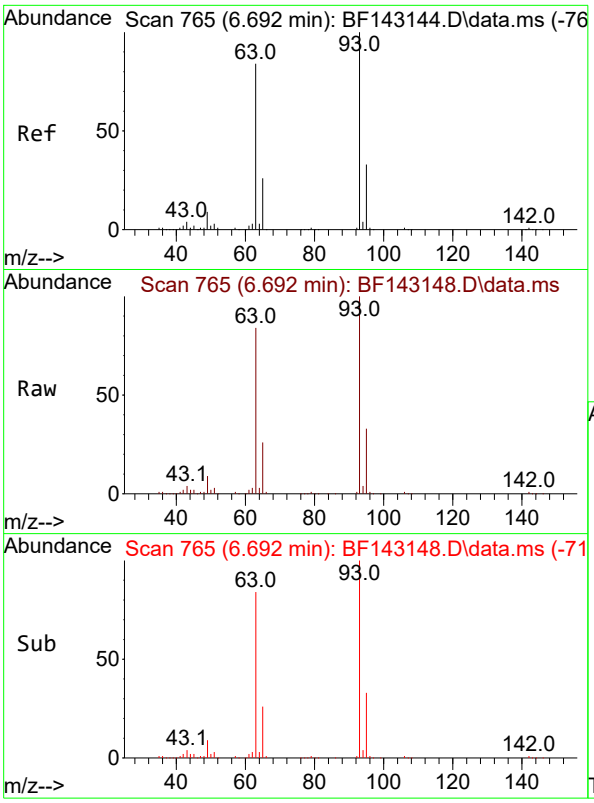


#10
Phenol
Concen: 40.827 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 94 Resp: 508952

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	40.0	20.8	60.8

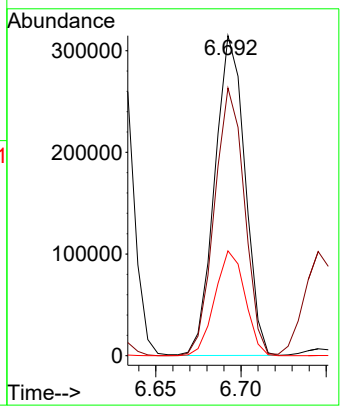




#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 38779

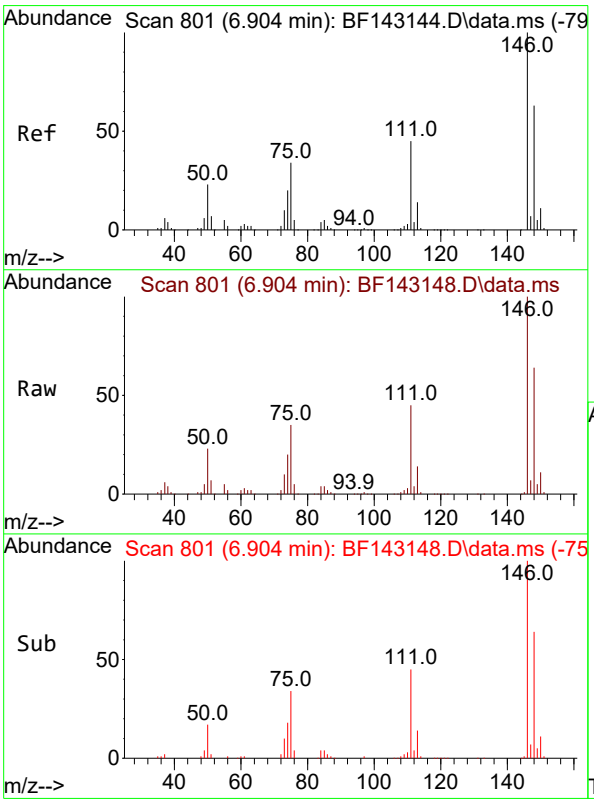
Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.4	103.4
95	32.7	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

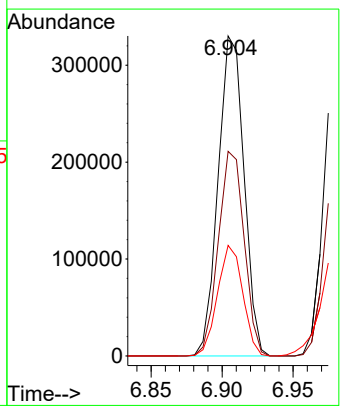
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

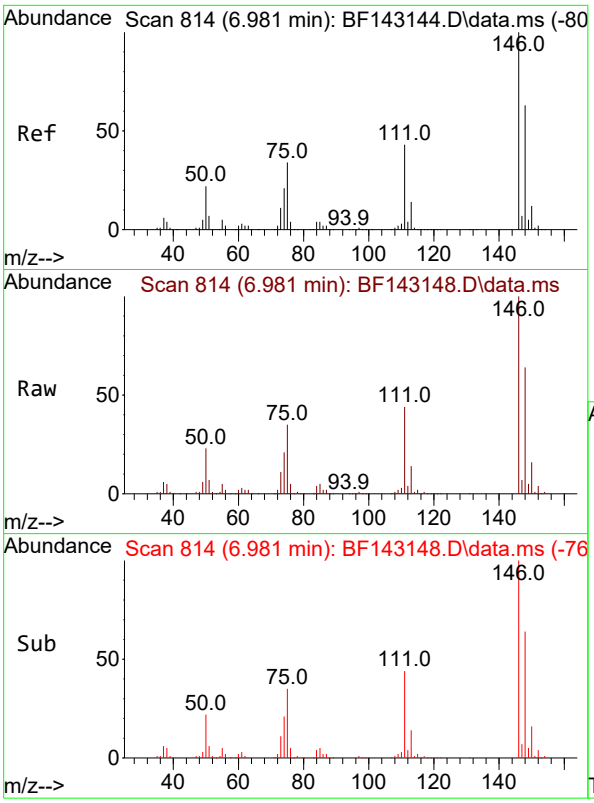


#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
75	34.6	27.4	41.2

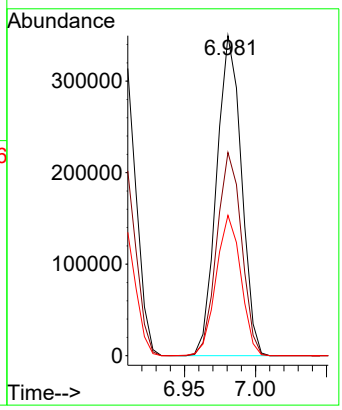




#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 42462

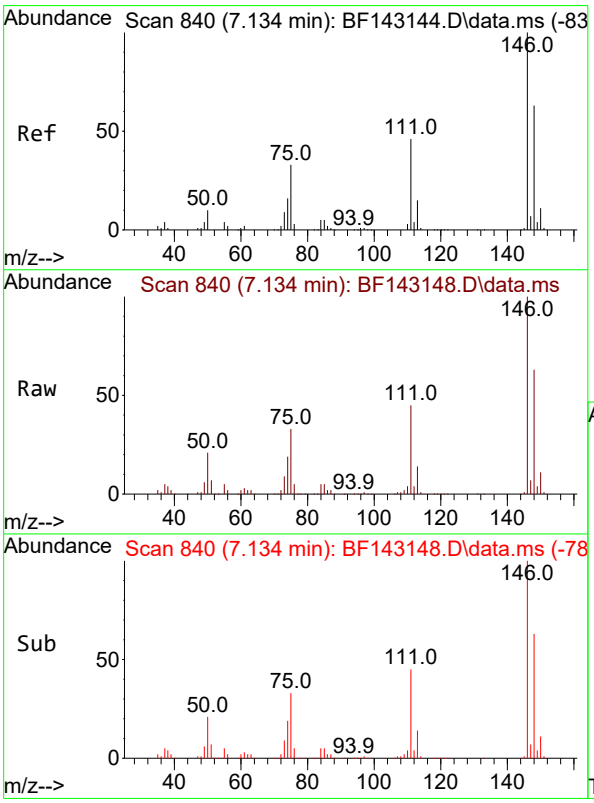
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.8	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

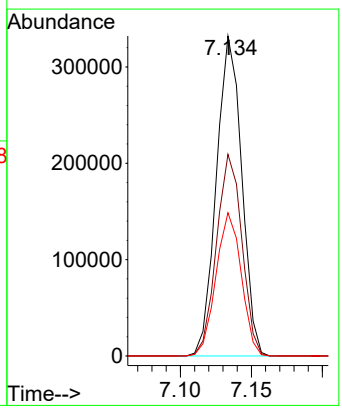
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

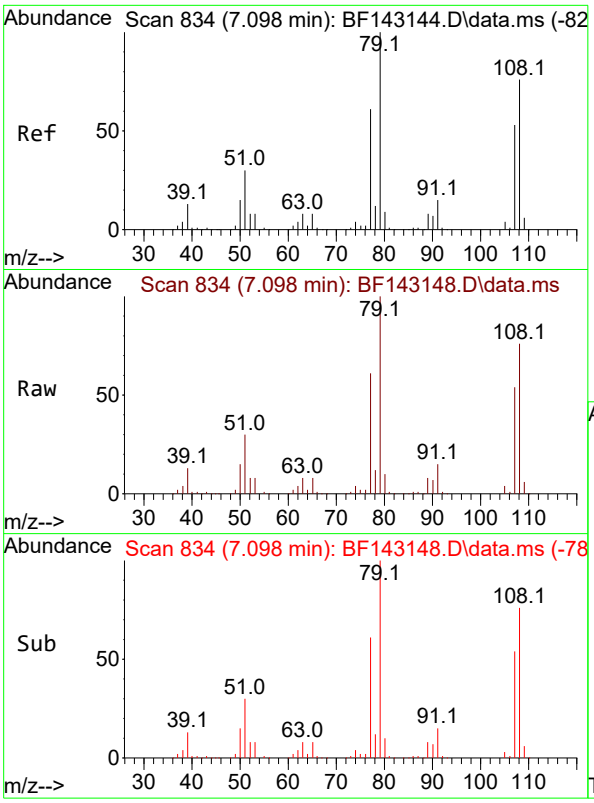


#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 411560

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	44.8	36.6	54.8

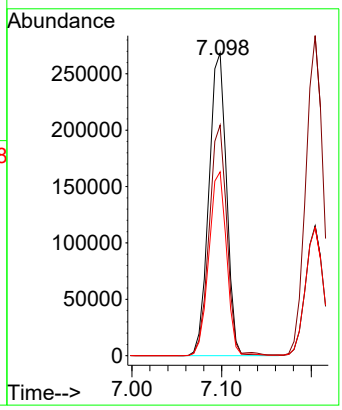




#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 79 Resp: 36660

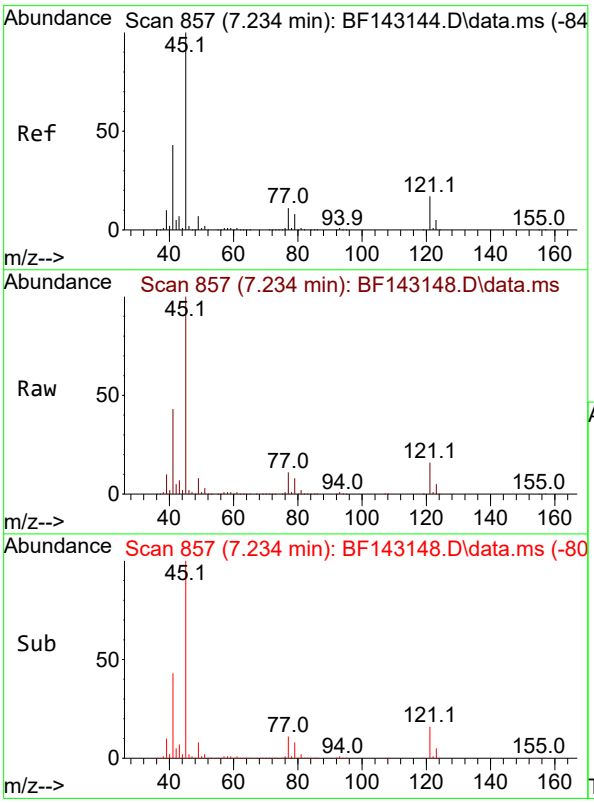
Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.1	91.7
77	60.8	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

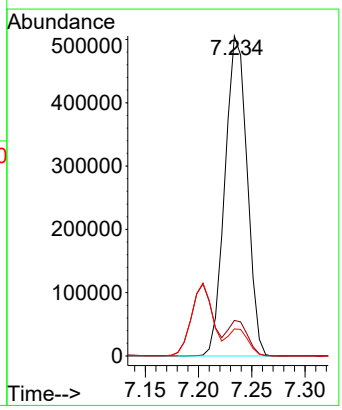
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

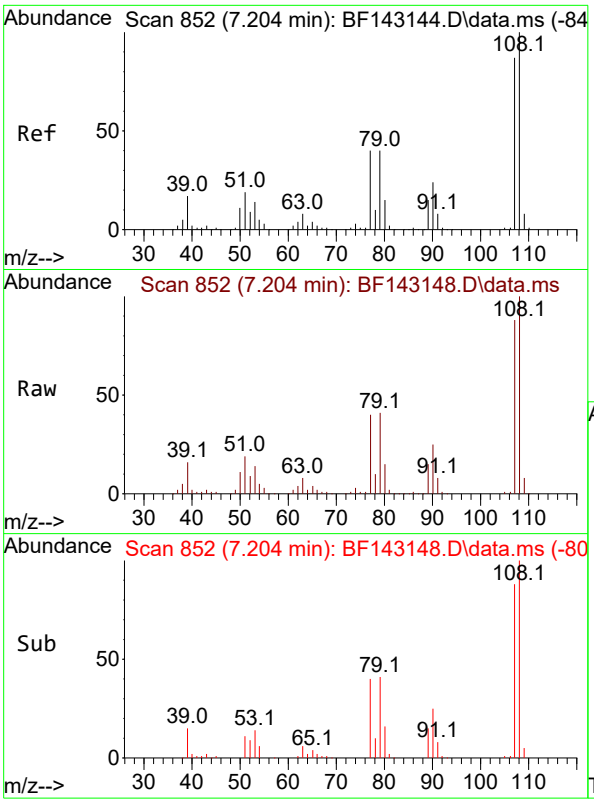


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 45 Resp: 732274

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.5	0.0	28.5

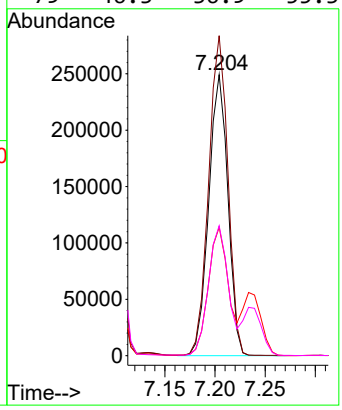




#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 33170

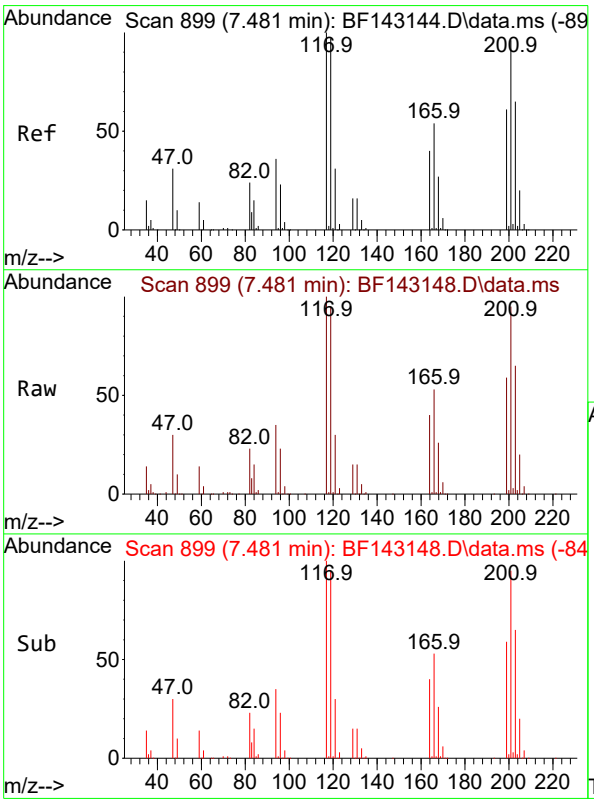
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.8	137.6
77	45.7	37.0	55.6
79	46.3	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

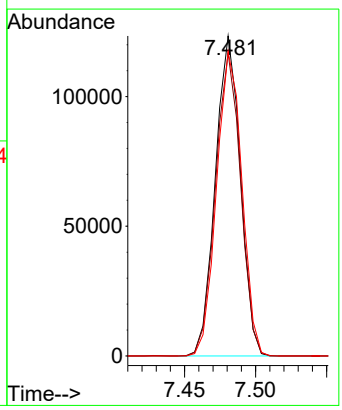
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

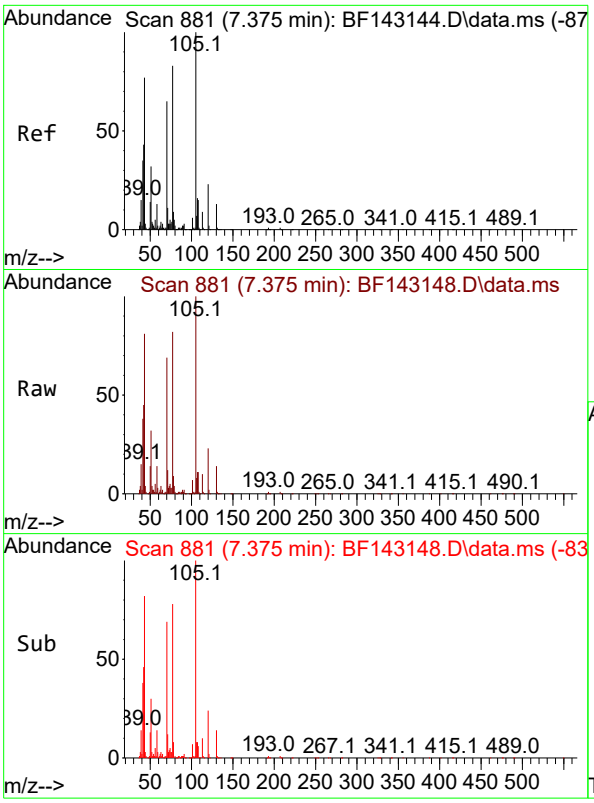


#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.8	116.8
201	95.2	77.0	115.4

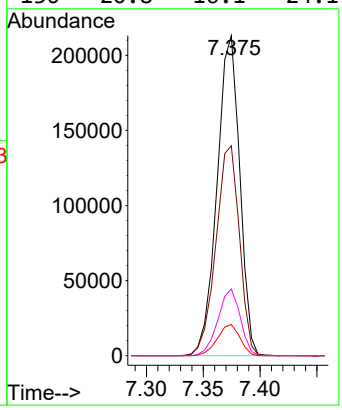




#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 70 Resp: 29617

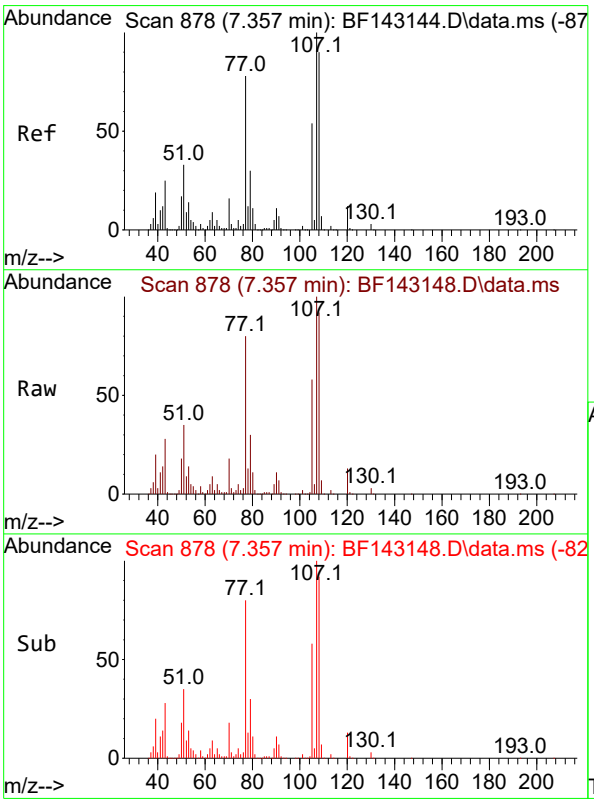
Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.8	7.6	11.4
130	20.8	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

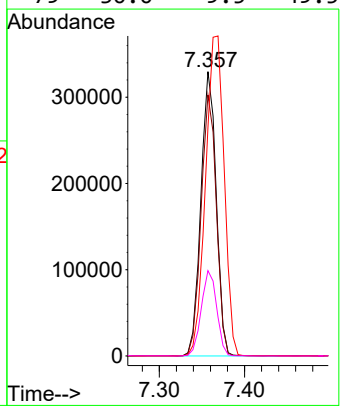
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

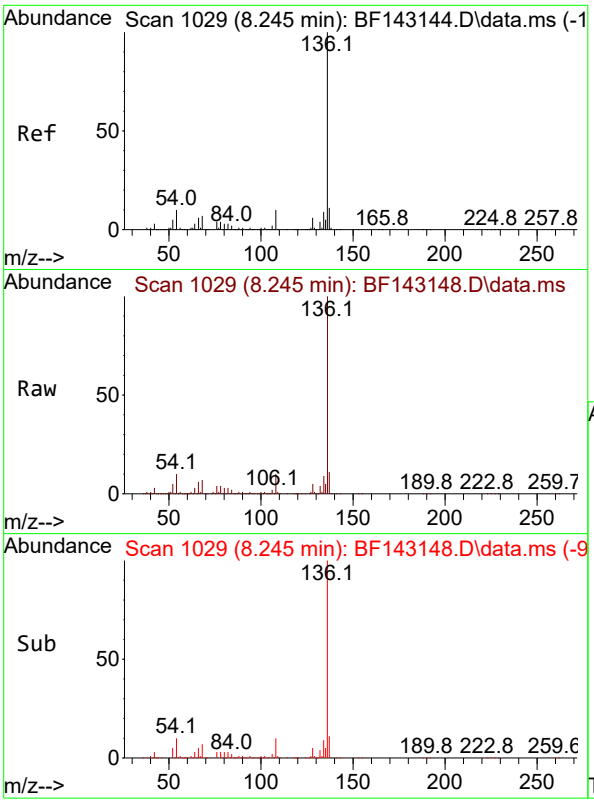


#20
3+4-Methylphenols
Concen: 42.387 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 412065

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.0	110.0
77	80.5	57.8	97.8
79	30.0	9.5	49.5

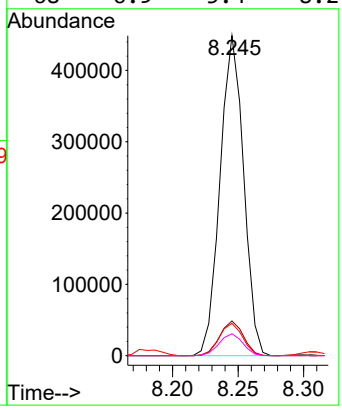




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:136 Resp: 55967

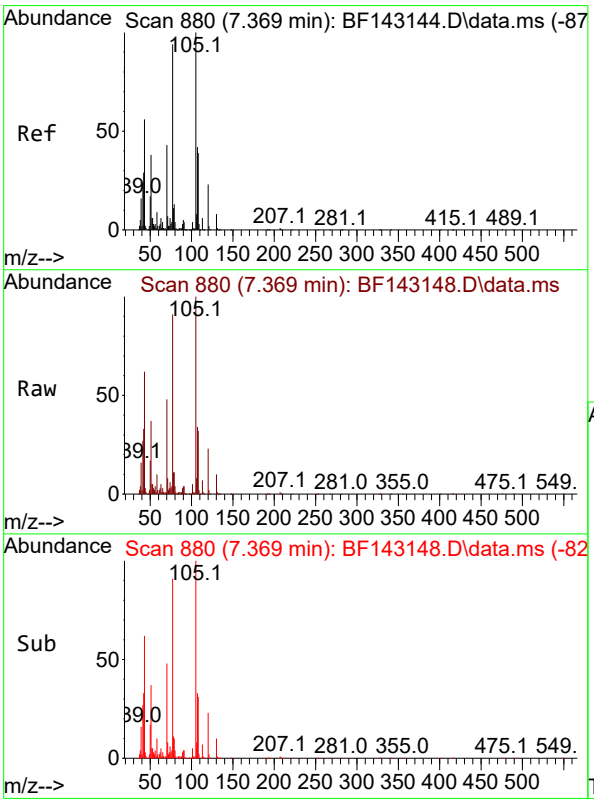
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.2	12.2
68	6.9	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

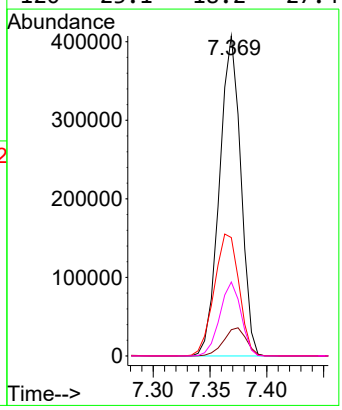
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

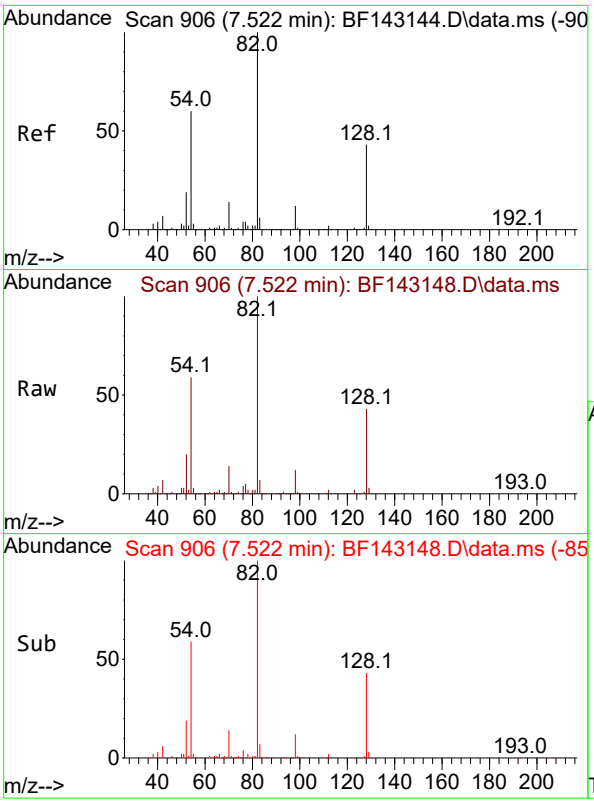


#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	37.0	30.2	45.2
120	23.1	18.2	27.4

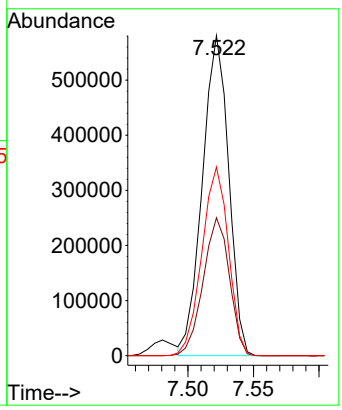




#23
Nitrobenzene-d5
Concen: 72.247 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 82 Resp: 81117

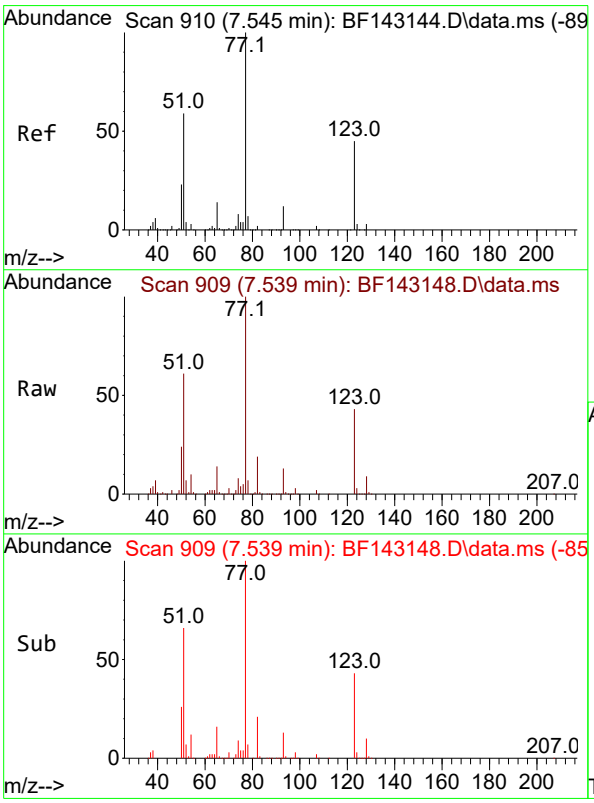
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

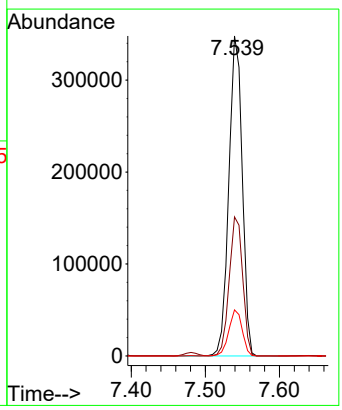
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

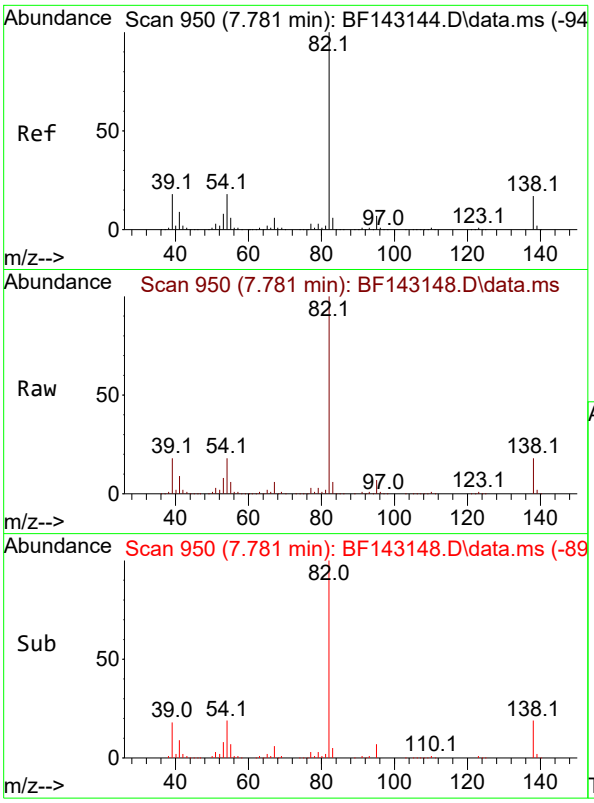


#24
Nitrobenzene
Concen: 41.731 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 436834

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.4	11.4	17.2

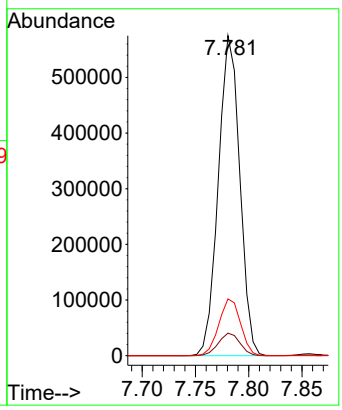




#25
Isophorone
Concen: 40.567 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 82 Resp: 80407

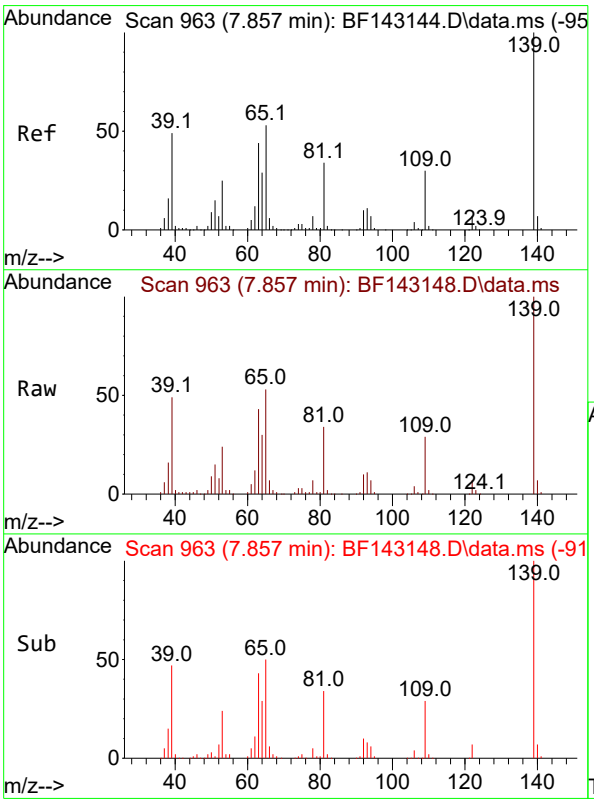
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.8	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

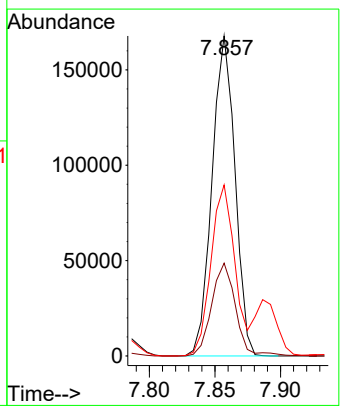
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

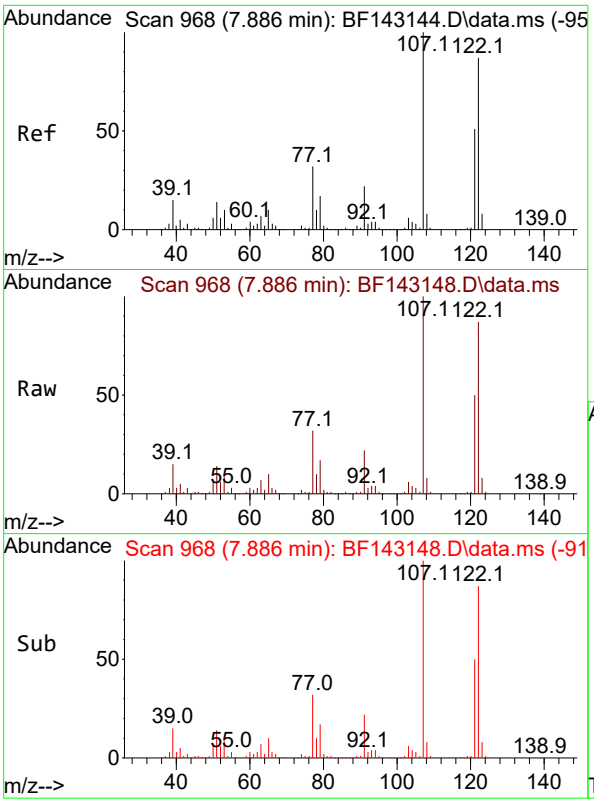


#26
2-Nitrophenol
Concen: 44.896 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 203967

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	53.4	42.6	64.0

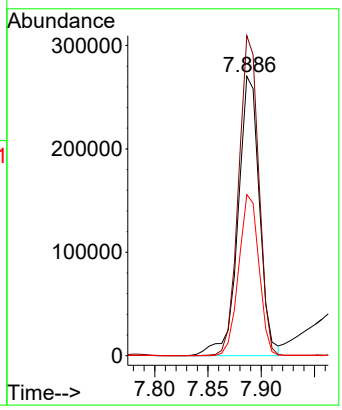




#27
2,4-Dimethylphenol
Concen: 40.773 ng
RT: 7.886 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 37757

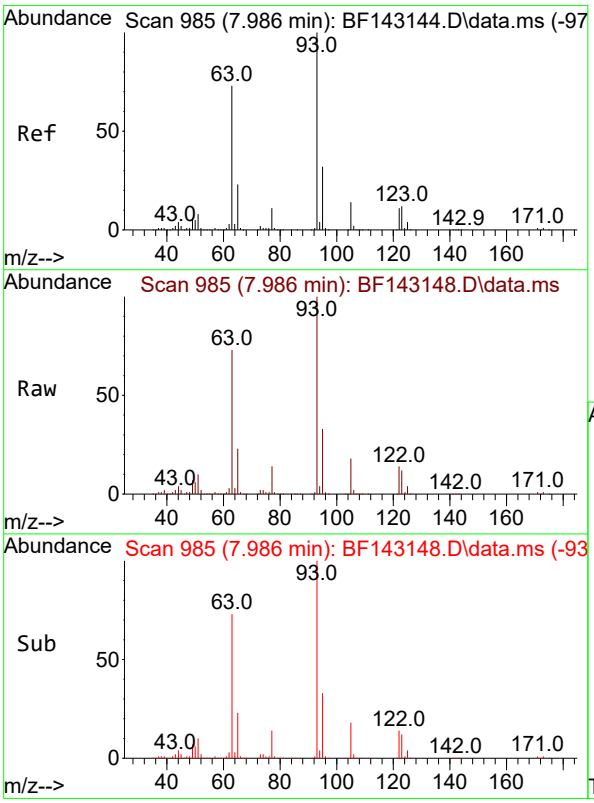
Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.8	137.6
121	57.7	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

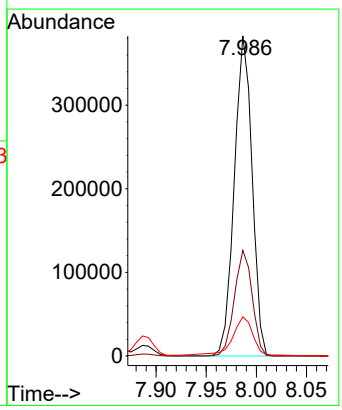
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

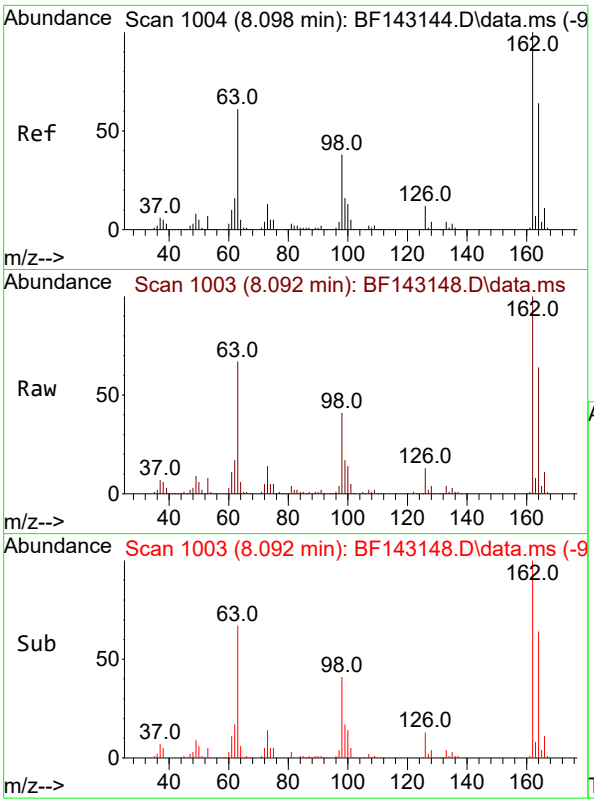


#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 474637

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.2	9.7	14.5

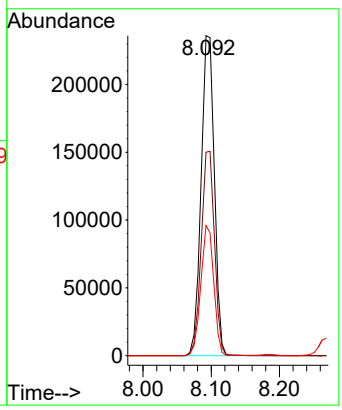




#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:162 Resp: 31921

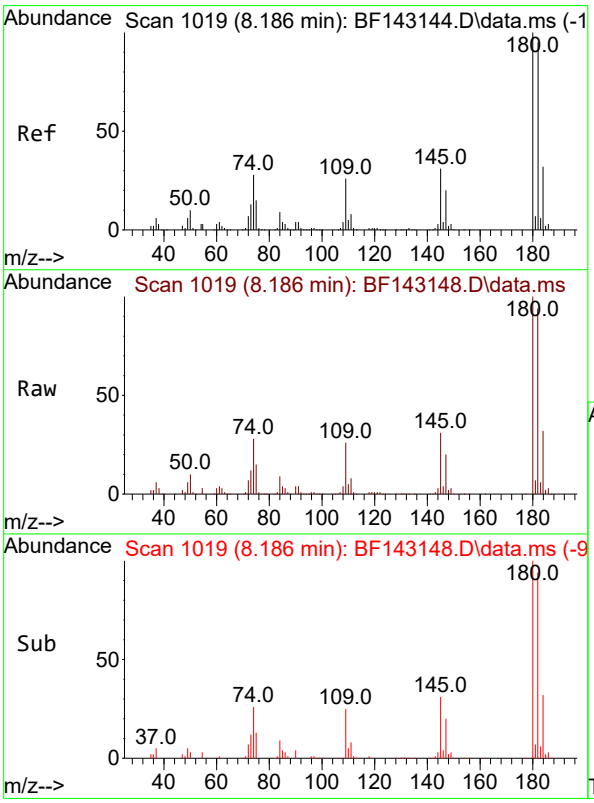
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	40.7	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

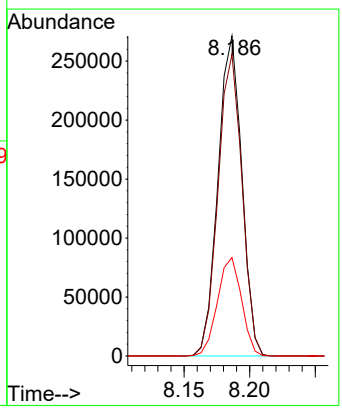
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

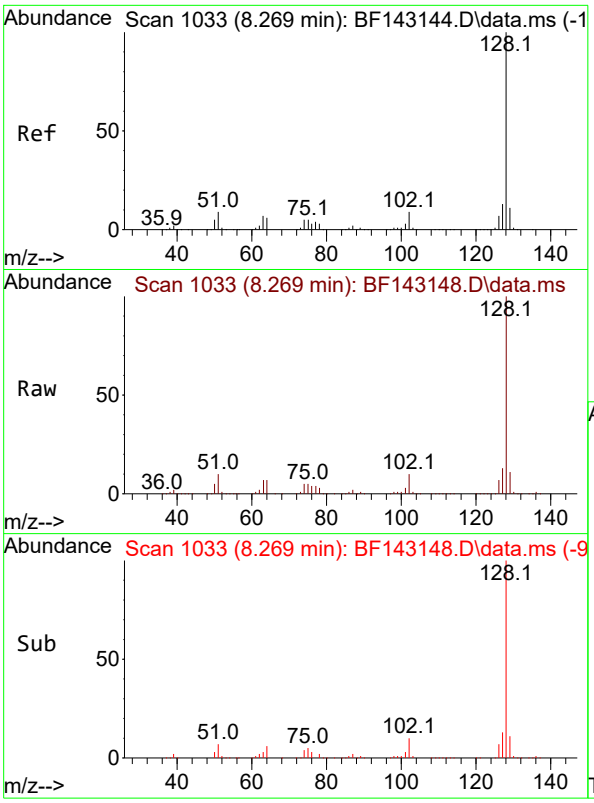


#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:180 Resp: 342135

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	30.8	25.0	37.6

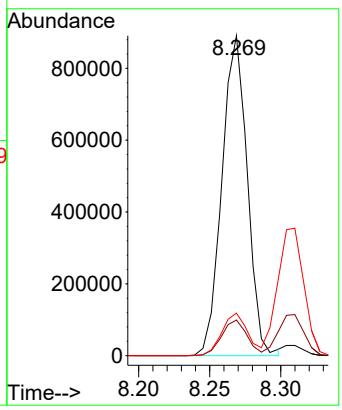




#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 110648

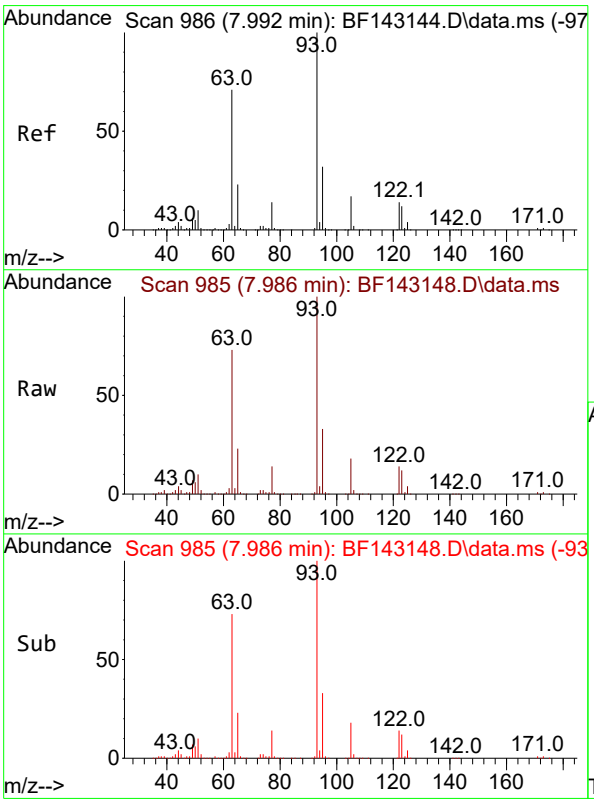
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

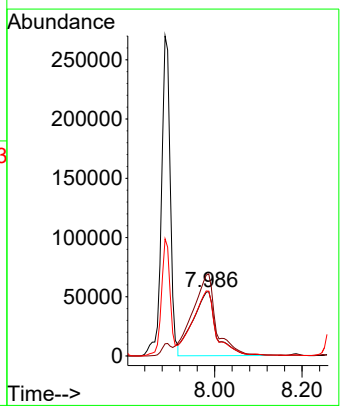
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

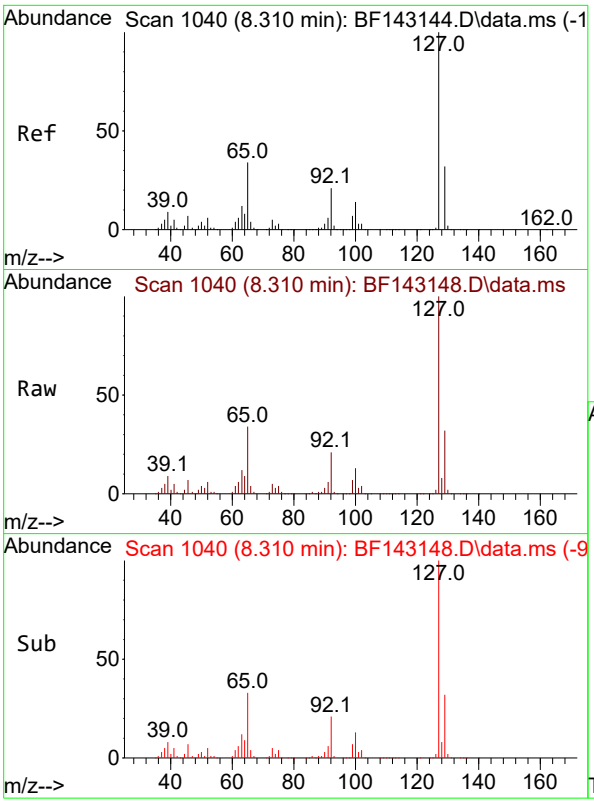


#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337

Ion	Ratio	Lower	Upper
122	100		
105	127.2	104.8	144.8
77	100.3	77.6	117.6

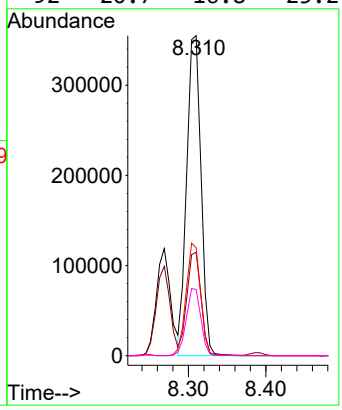




#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:127 Resp: 45774

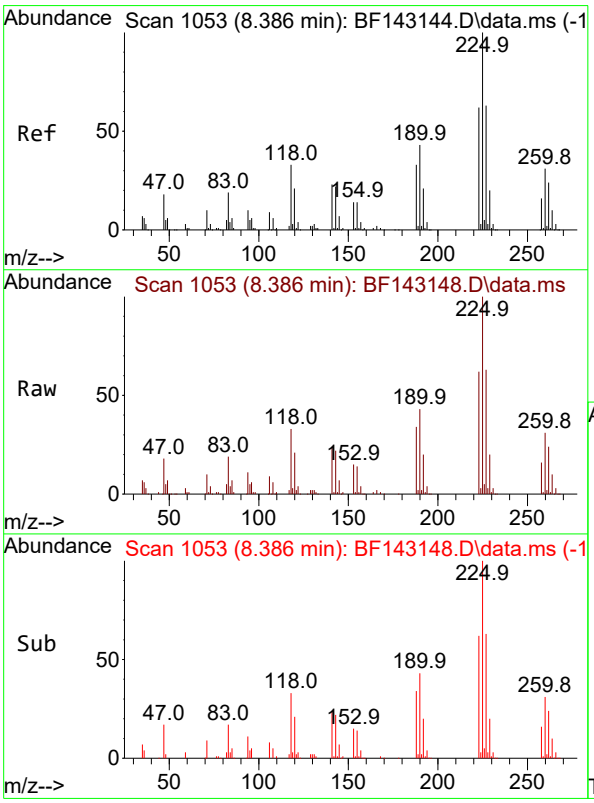
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.8	27.4	41.2
92	20.7	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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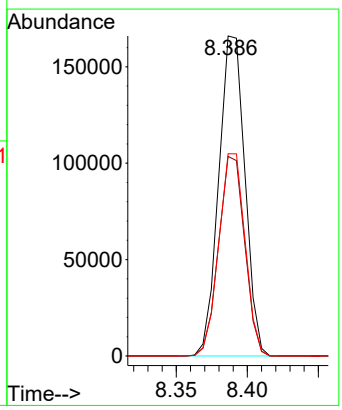
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

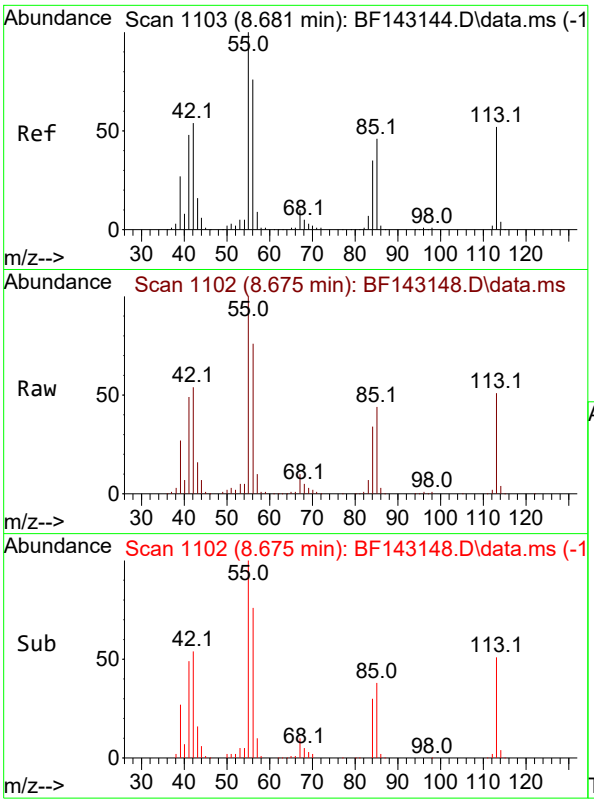


#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:225 Resp: 212781

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	63.2	50.2	75.4

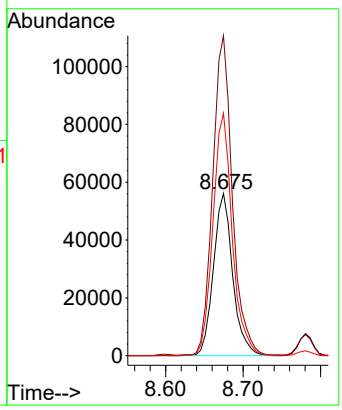




#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:113 Resp: 9666

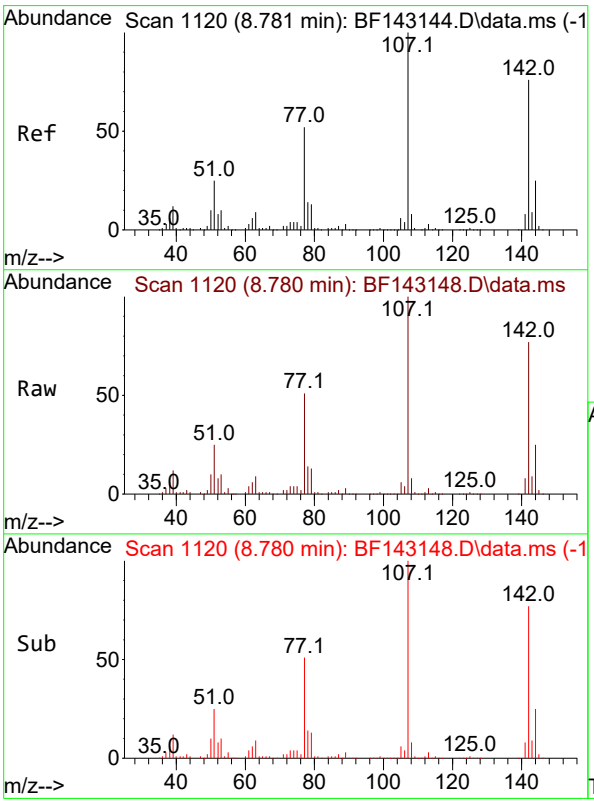
Ion	Ratio	Lower	Upper
113	100		
55	197.3	174.0	214.0
56	149.4	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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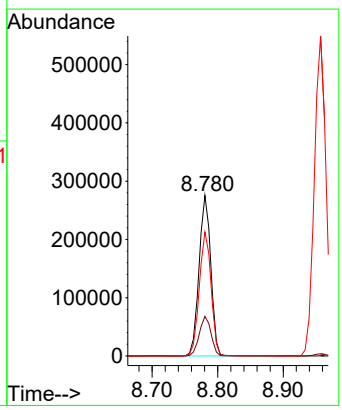
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

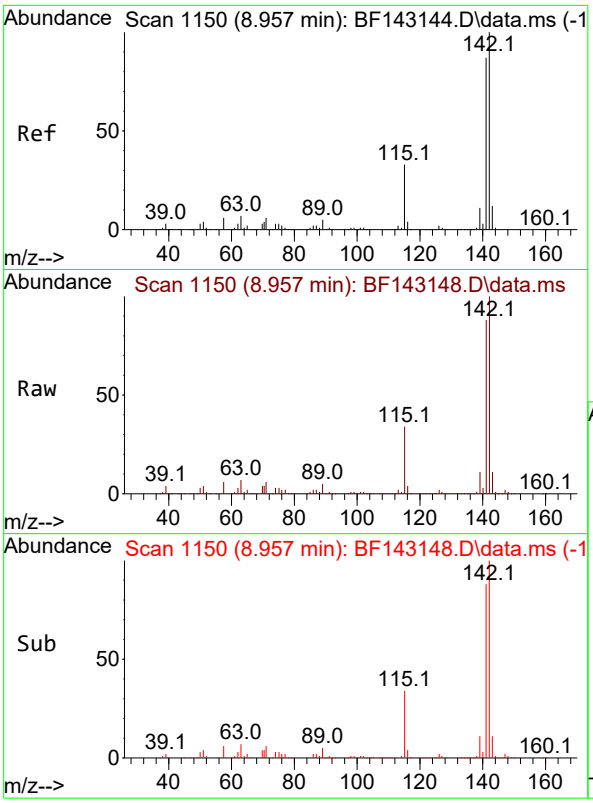


#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 344726

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	77.3	60.6	90.8





#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

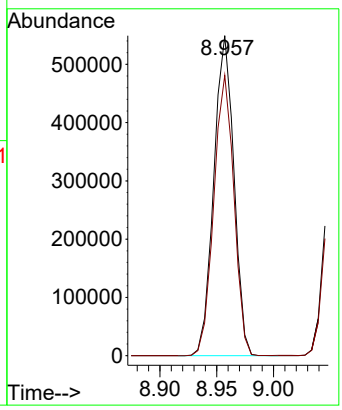
Tgt Ion:142 Resp: 67559

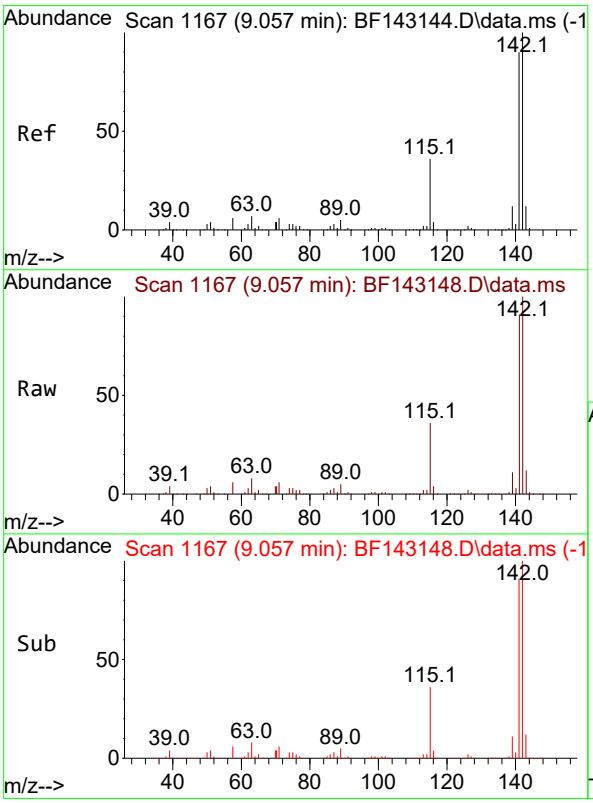
Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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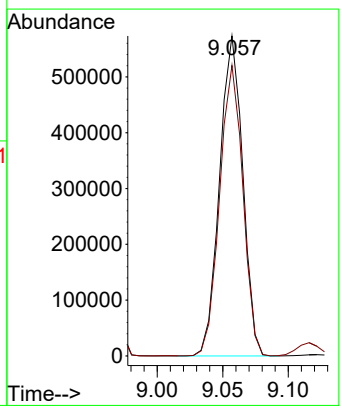


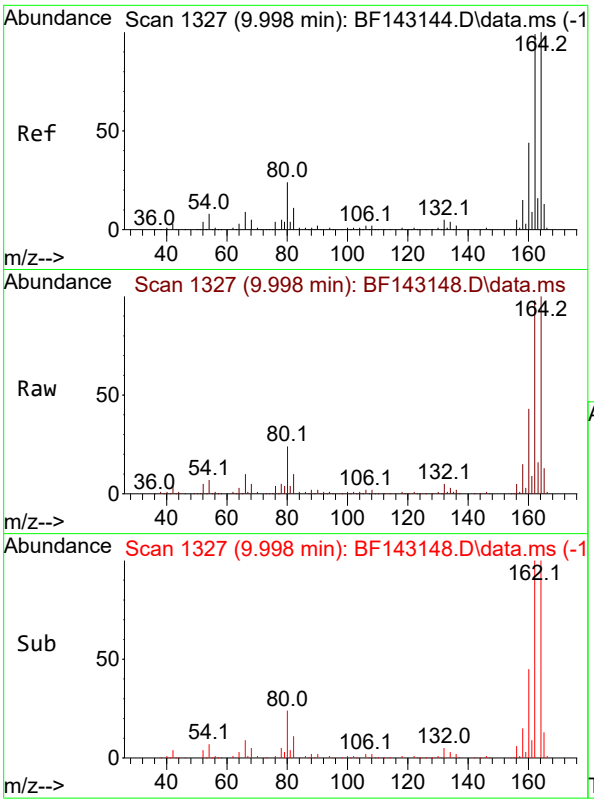


#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5

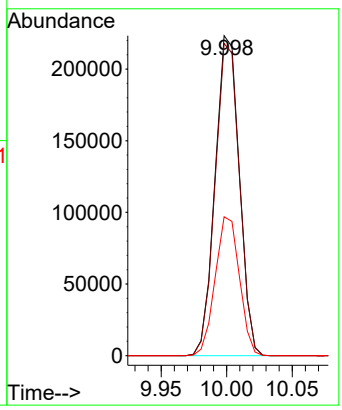




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:164 Resp: 28725

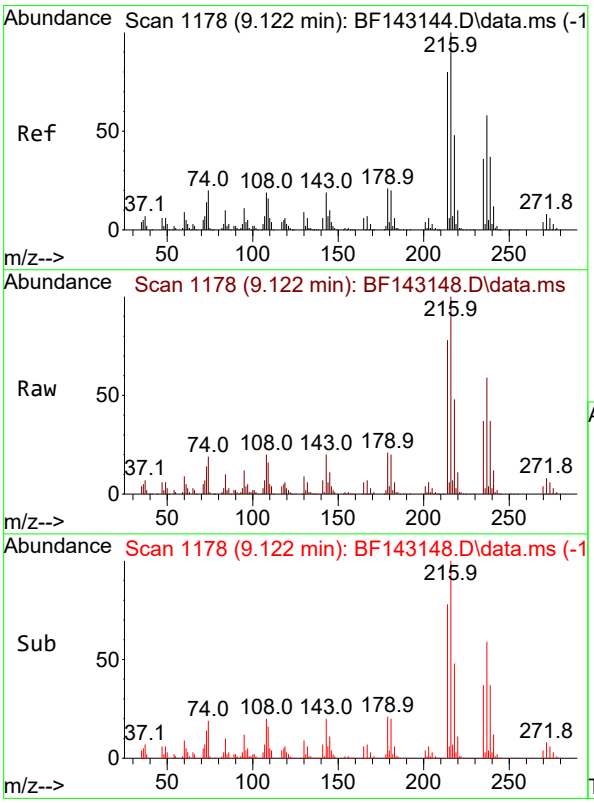
Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.4	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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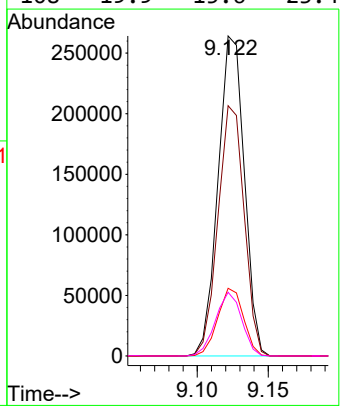
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

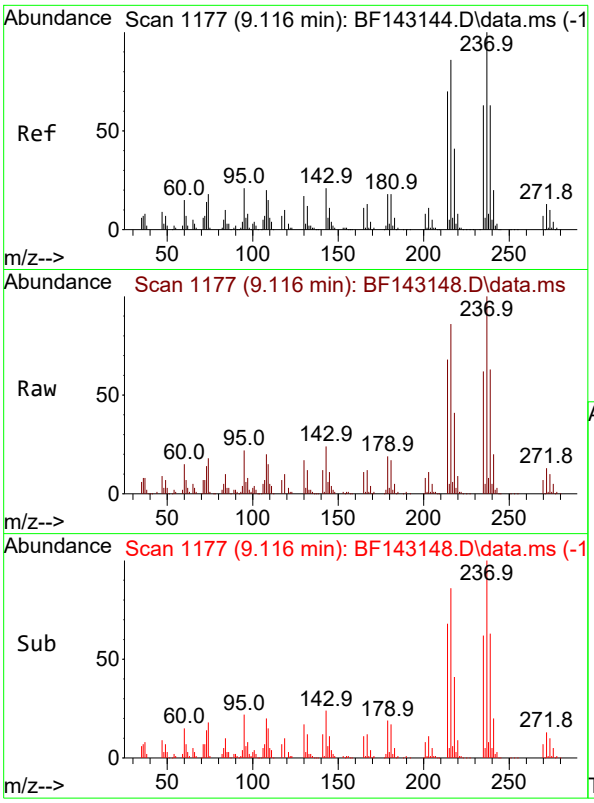


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.944 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:216 Resp: 339567

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.8
179	20.8	16.4	24.6
108	19.9	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 42.872 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

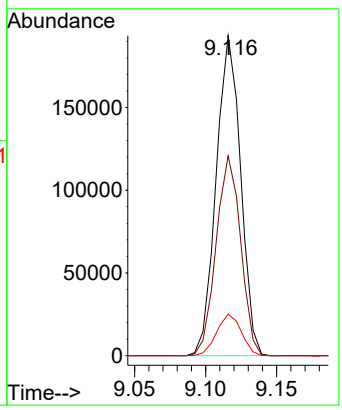
Tgt Ion:237 Resp: 23134

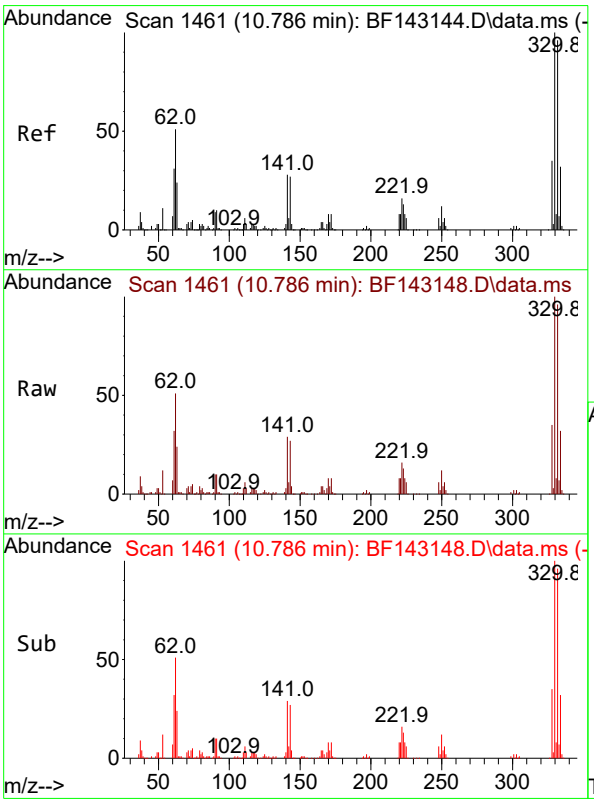
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.0	83.0
272	13.0	0.0	33.3

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

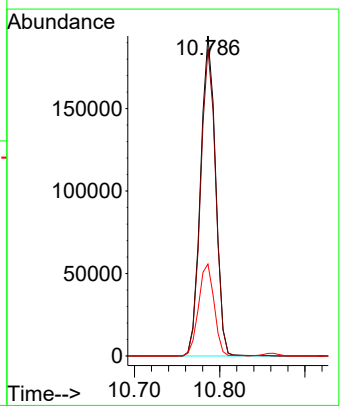


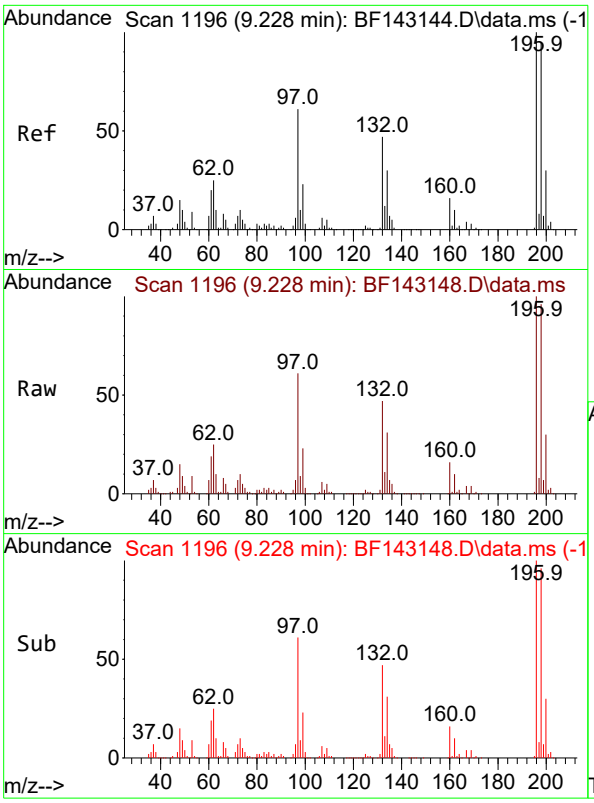


#42
2,4,6-Tribromophenol
Concen: 79.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:330 Resp: 237309

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	29.8	23.3	34.9

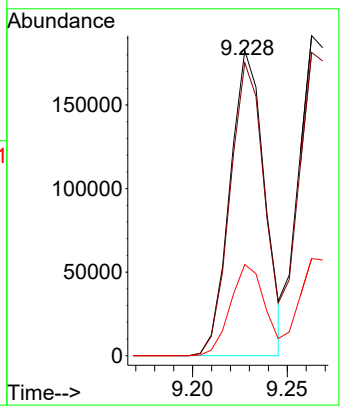




#43
2,4,6-Trichlorophenol
Concen: 40.253 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 2310

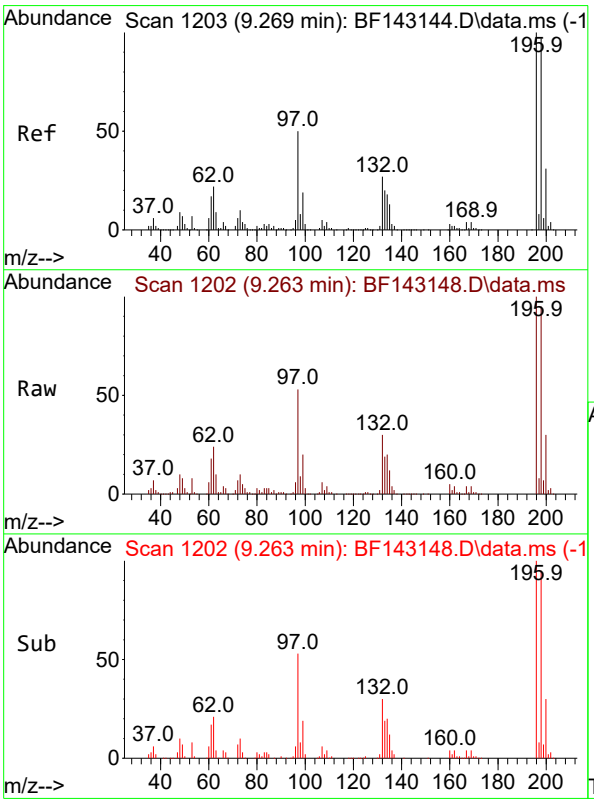
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	29.9	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

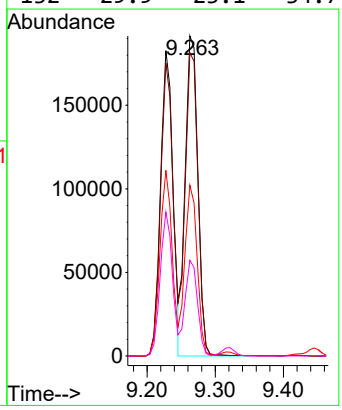
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

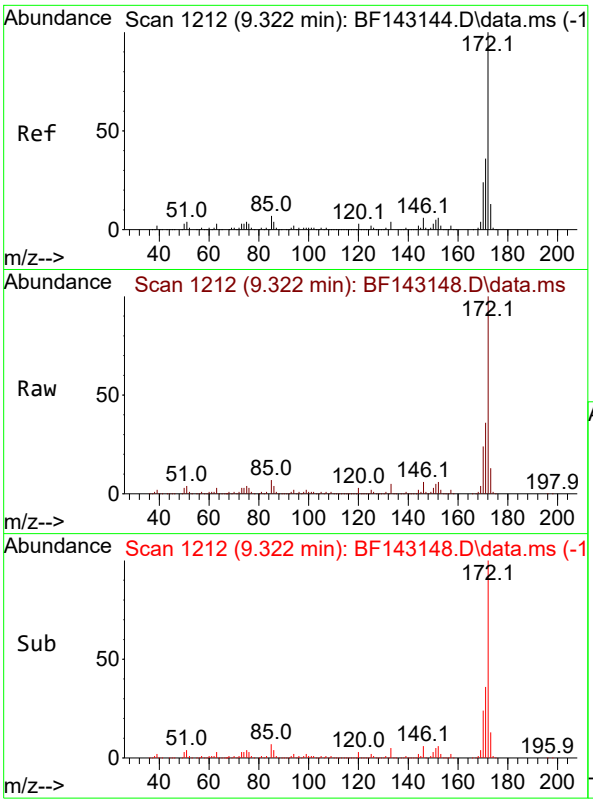


#44
2,4,5-Trichlorophenol
Concen: 42.989 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.3	40.3	60.5
132	29.9	23.1	34.7

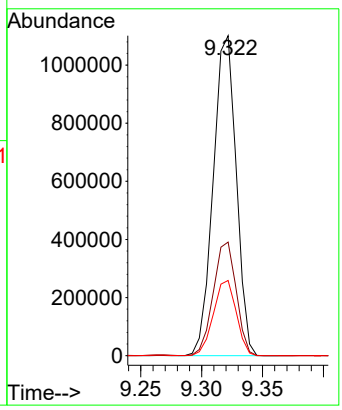




#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:172 Resp: 144909

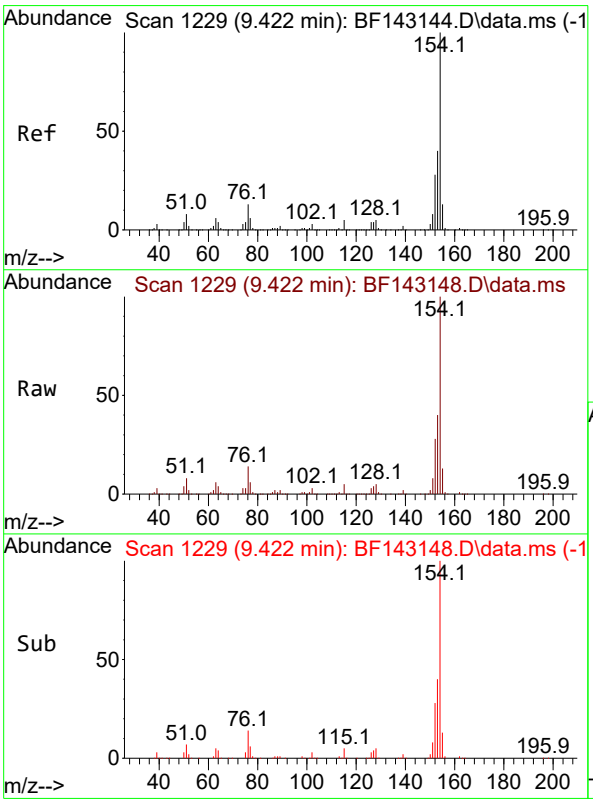
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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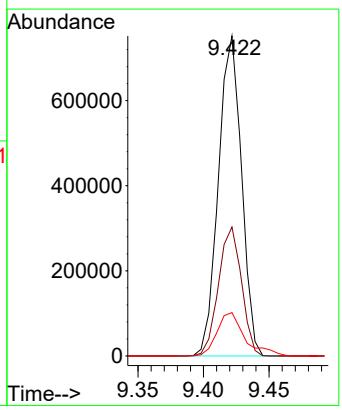
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

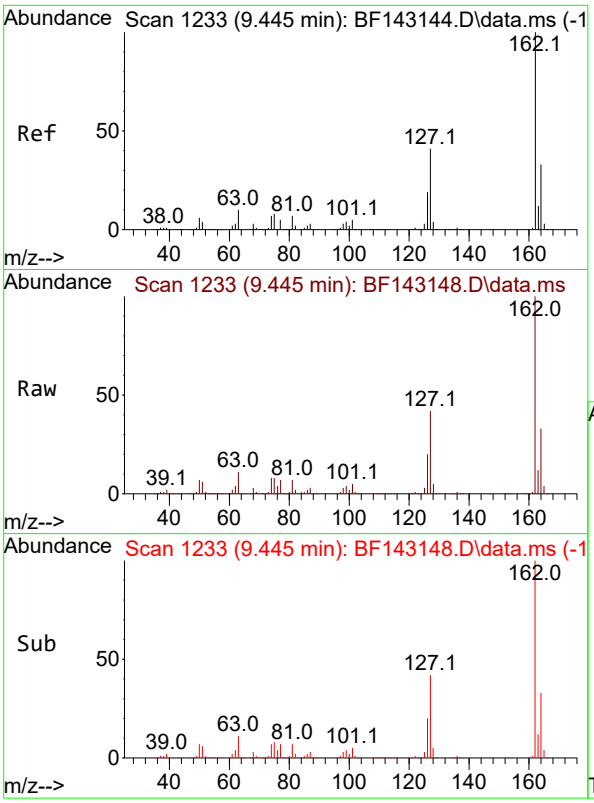


#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 920059

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.5	0.0	33.3

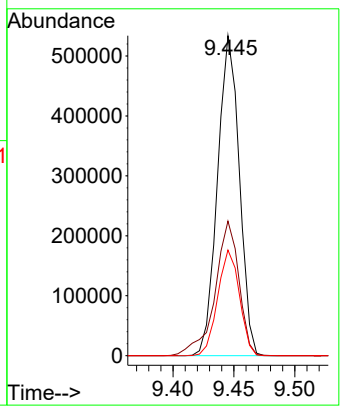




#47
2-Chloronaphthalene
Concen: 40.184 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:162 Resp: 66635

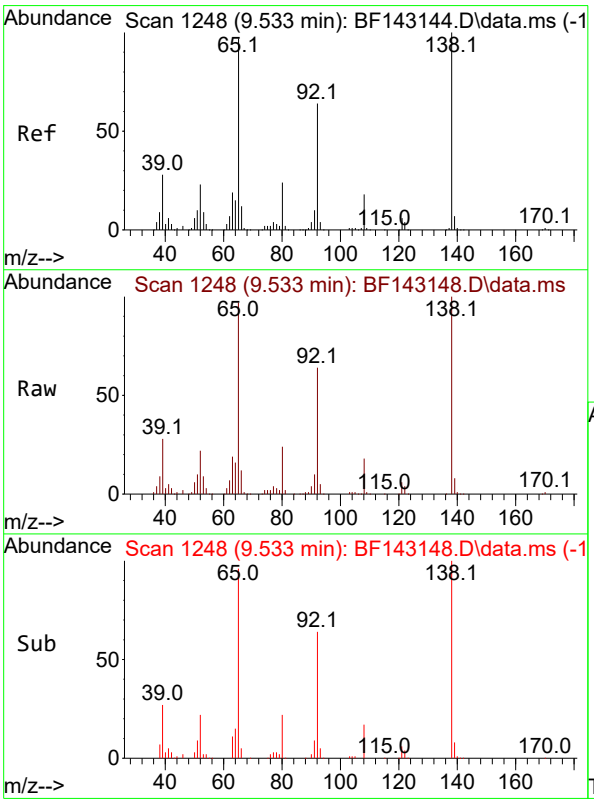
Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	33.0	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

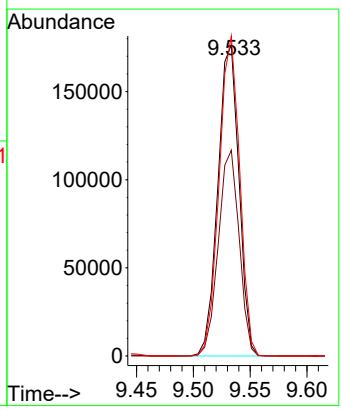
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

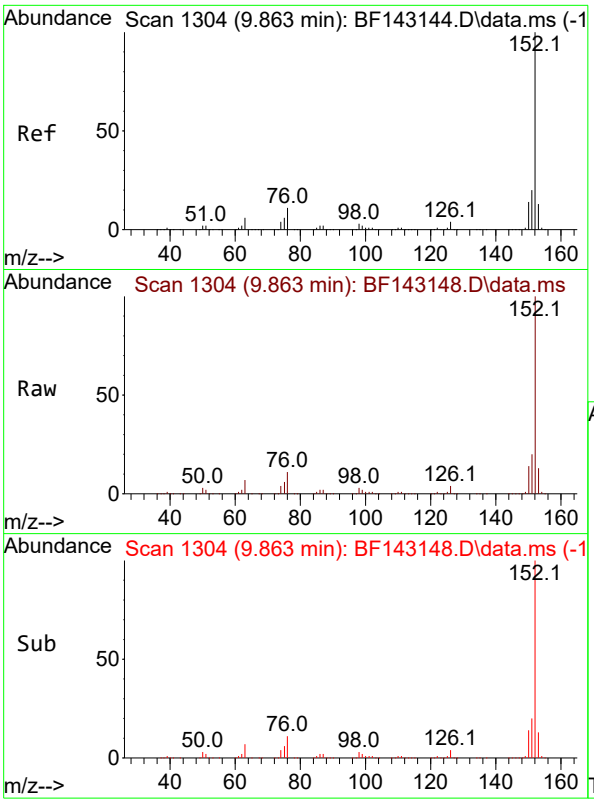


#48
2-Nitroaniline
Concen: 43.723 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 65 Resp: 227376

Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.4	78.6
138	102.9	82.3	123.5

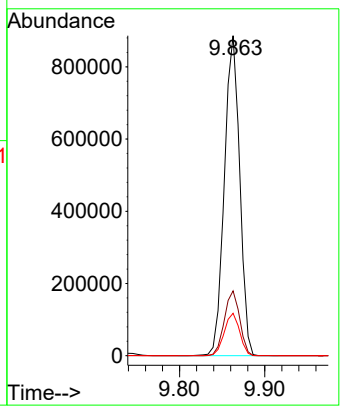




#49
Acenaphthylene
Concen: 40.013 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:152 Resp: 111199

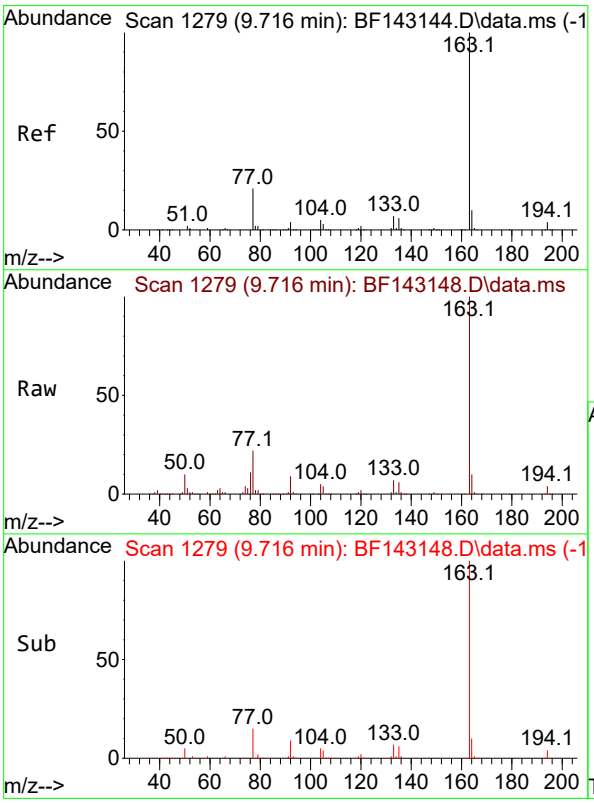
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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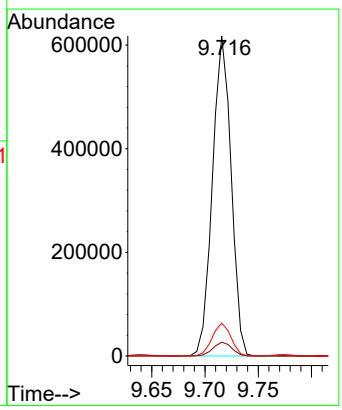
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

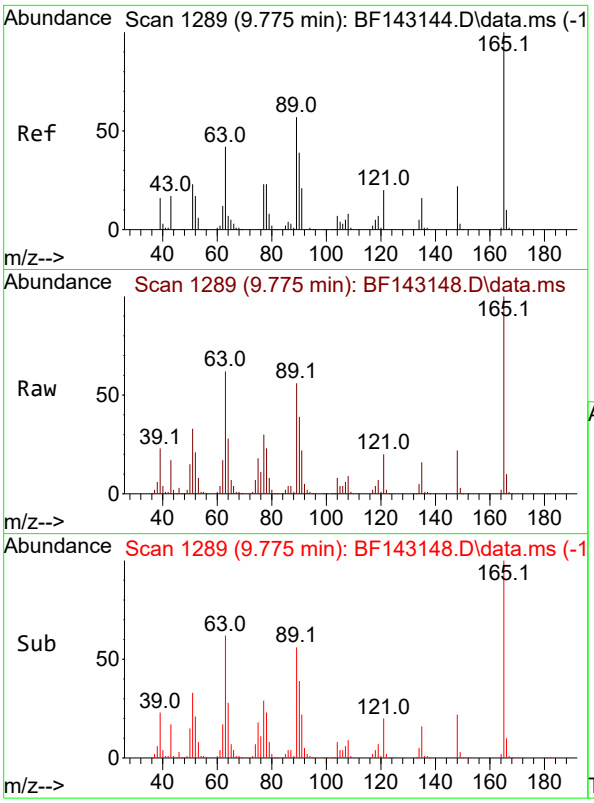


#50
Dimethylphthalate
Concen: 40.218 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:163 Resp: 753041

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

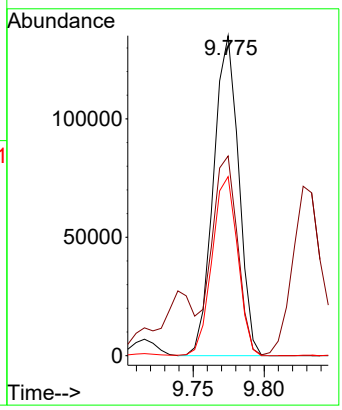
Tgt Ion:165 Resp: 16691

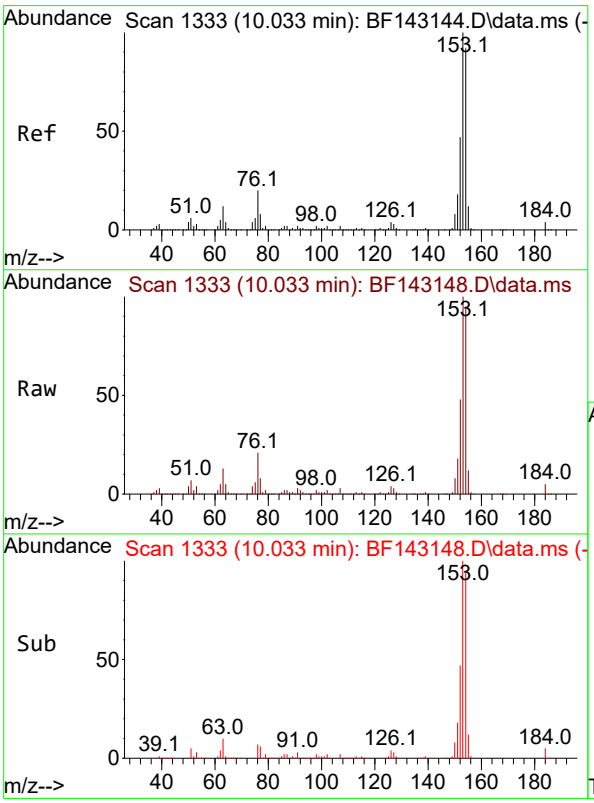
Ion	Ratio	Lower	Upper
165	100		
63	62.4	49.4	74.2
89	56.0	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

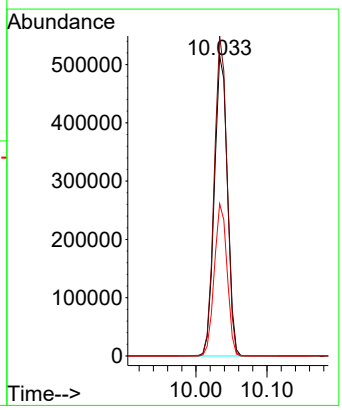


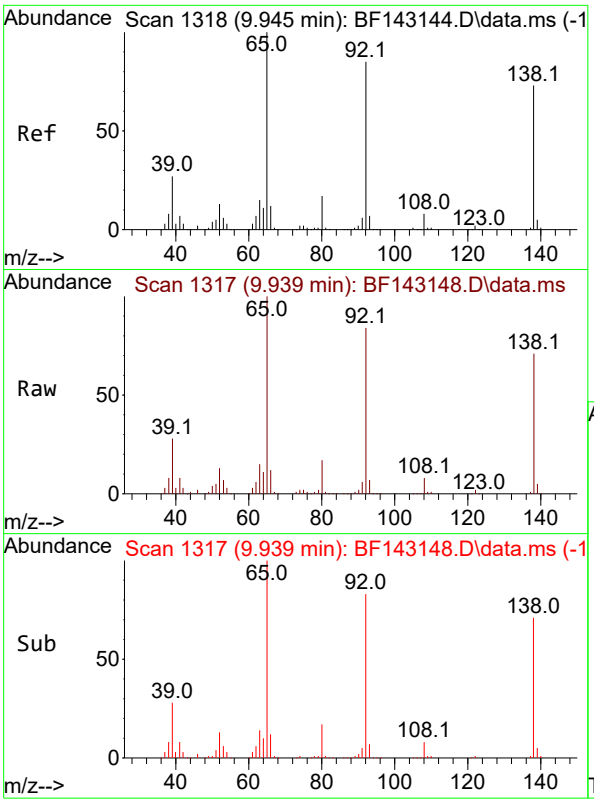


#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908

Ion	Ratio	Lower	Upper
154	100		
153	106.6	86.6	129.8
152	50.7	40.4	60.6





#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

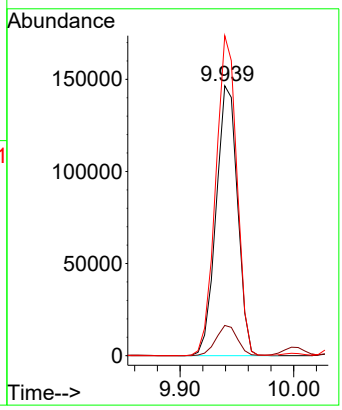
Tgt Ion:138 Resp: 19151

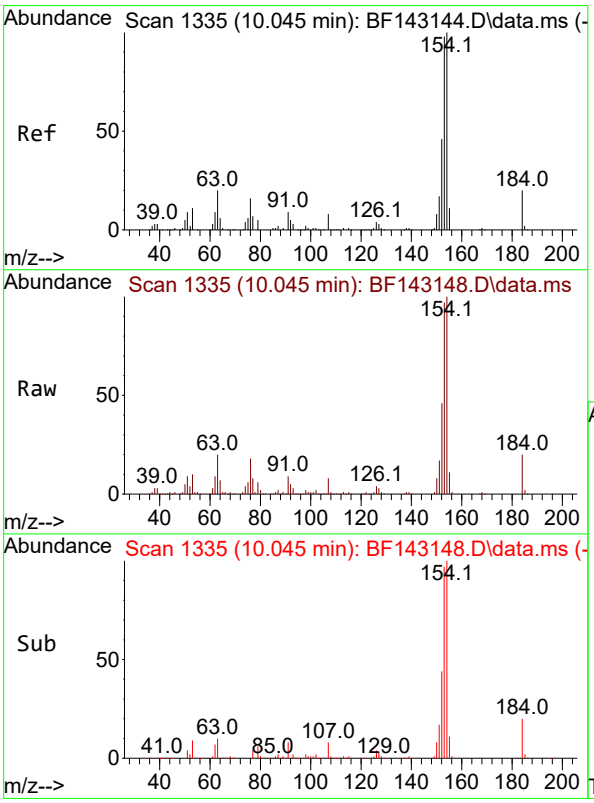
Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.6
92	118.6	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

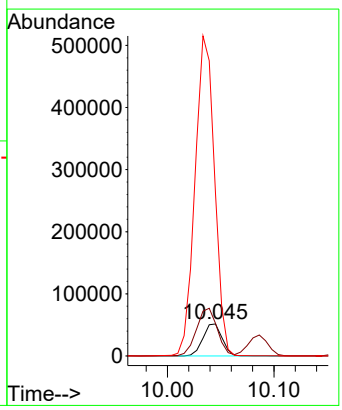


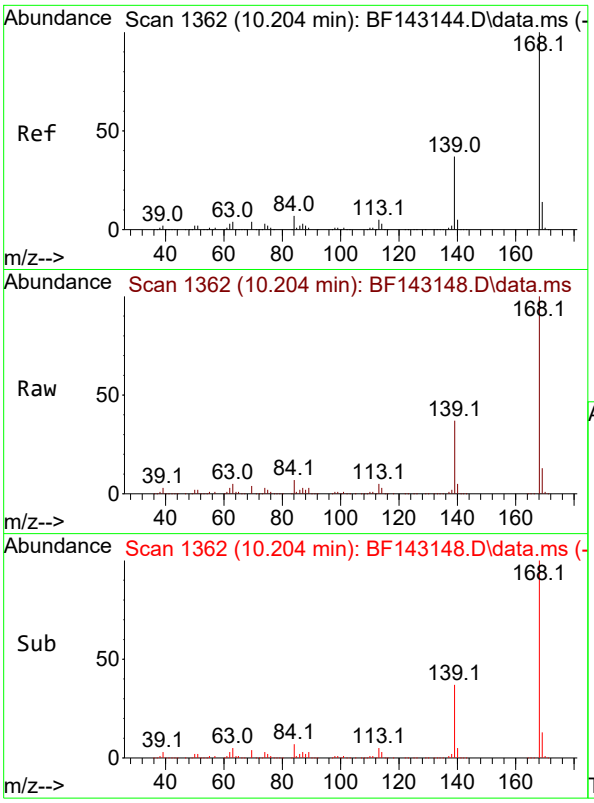


#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 64659

Ion	Ratio	Lower	Upper
184	100		
63	102.3	81.8	122.6
154	509.4	412.2	618.4

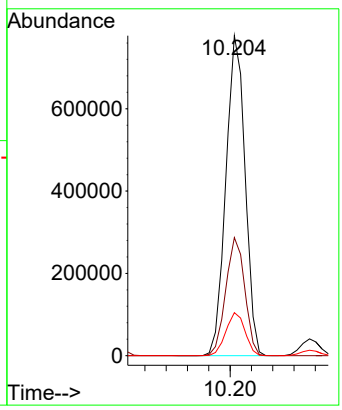




#55
Dibenzofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:168 Resp: 97499

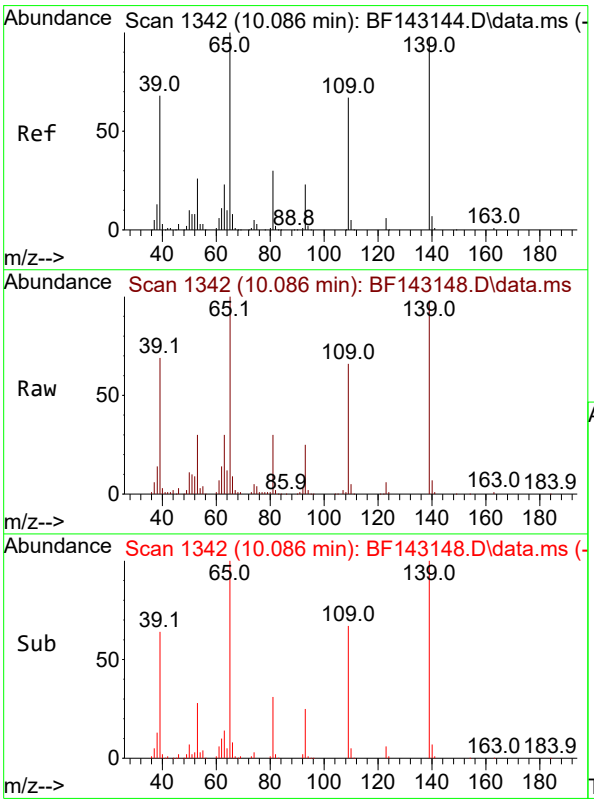
Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.5	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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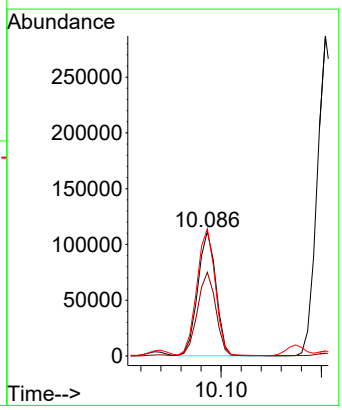
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

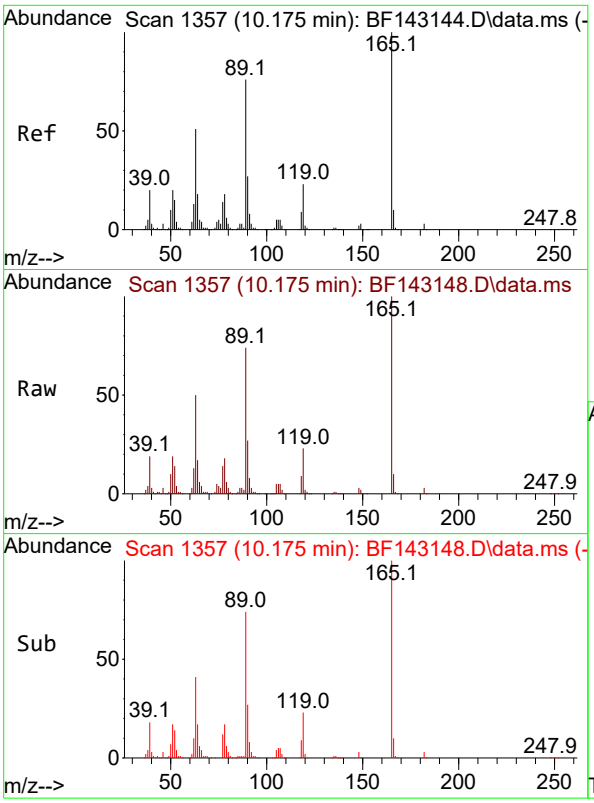


#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 140876

Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.5	88.5
65	102.1	83.4	123.4

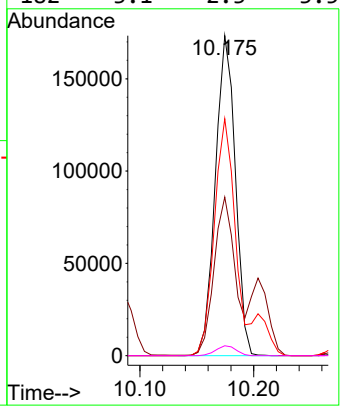




#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:165 Resp: 21236

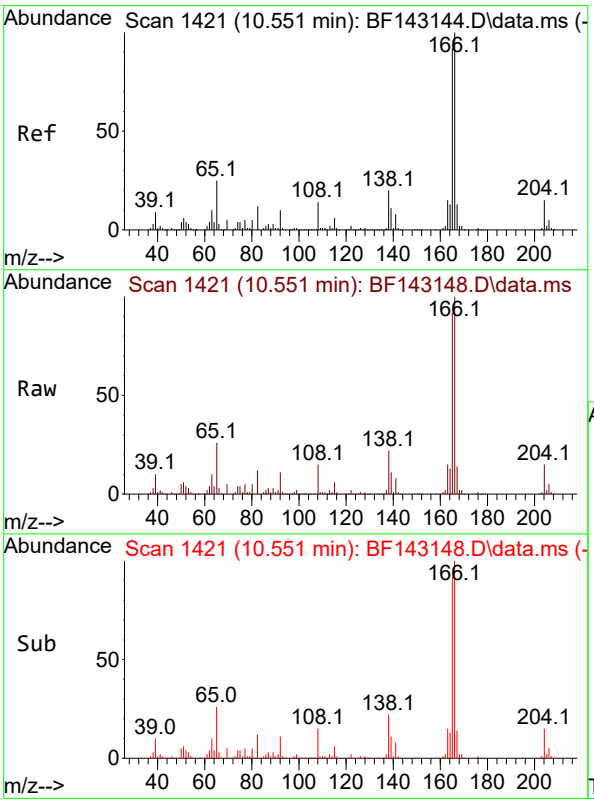
Ion	Ratio	Lower	Upper
165	100		
63	49.5	41.0	61.4
89	74.0	61.1	91.7
182	3.1	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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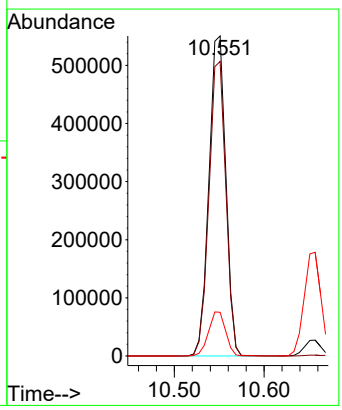
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

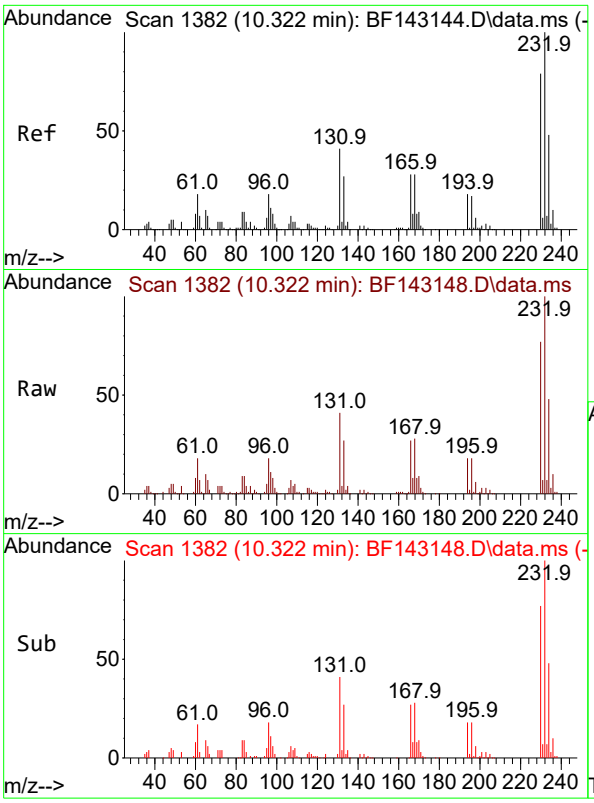


#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:166 Resp: 717816

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.7	10.6	16.0

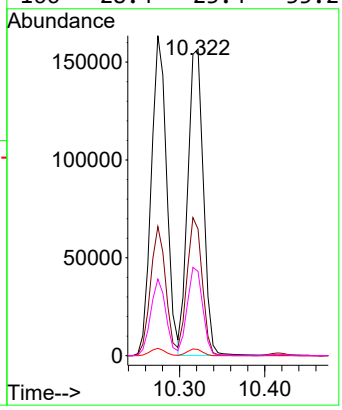




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:232 Resp: 19853

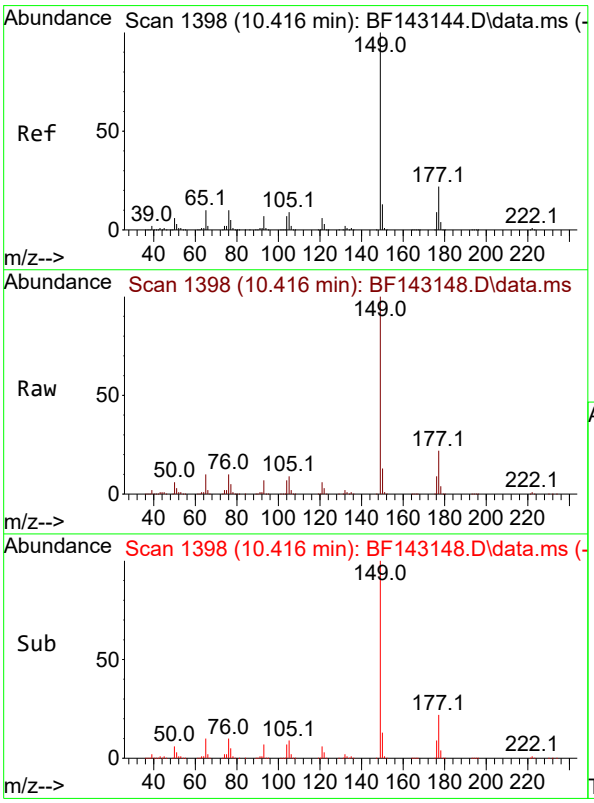
Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.3	52.9
130	2.1	1.7	2.5
166	28.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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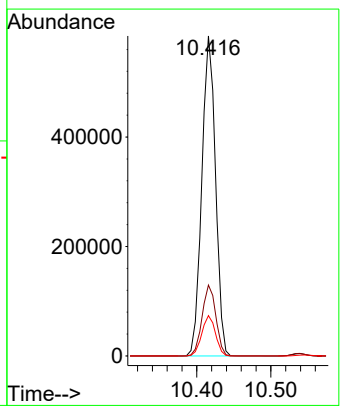
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

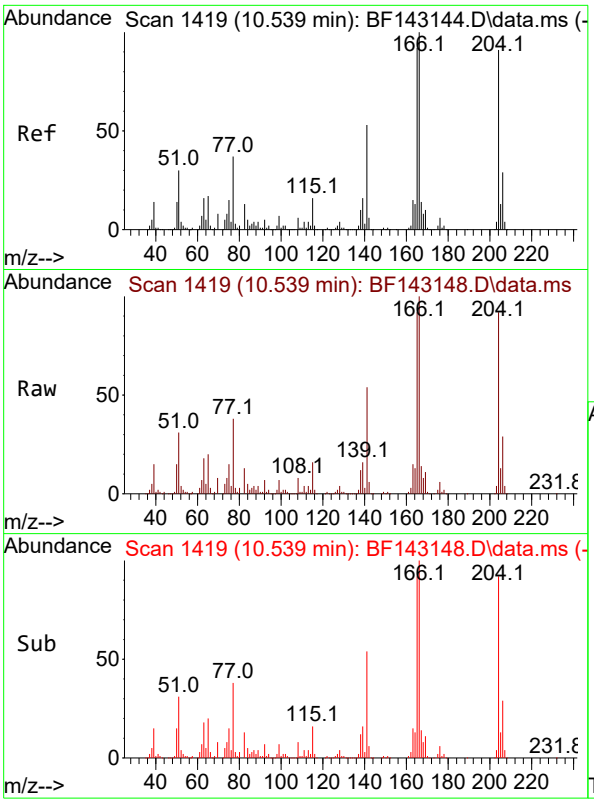


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 753774

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

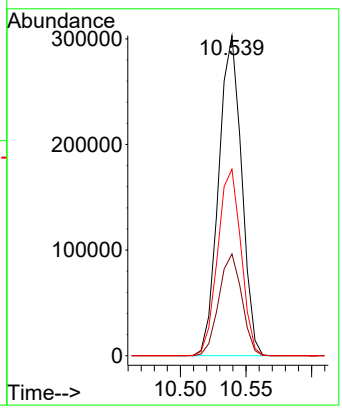
Tgt Ion:204 Resp: 36798

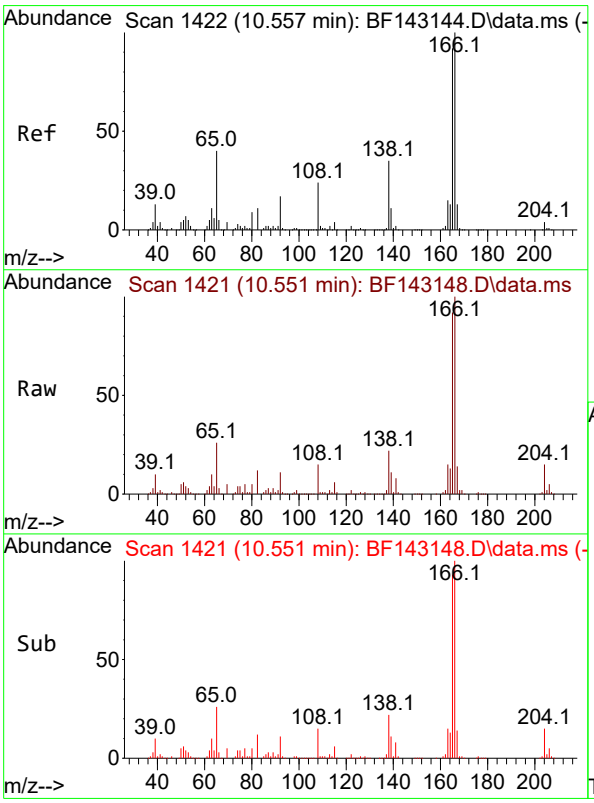
Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	58.3	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

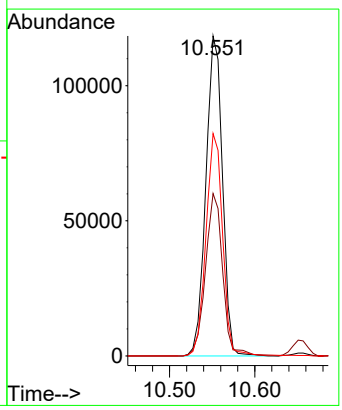


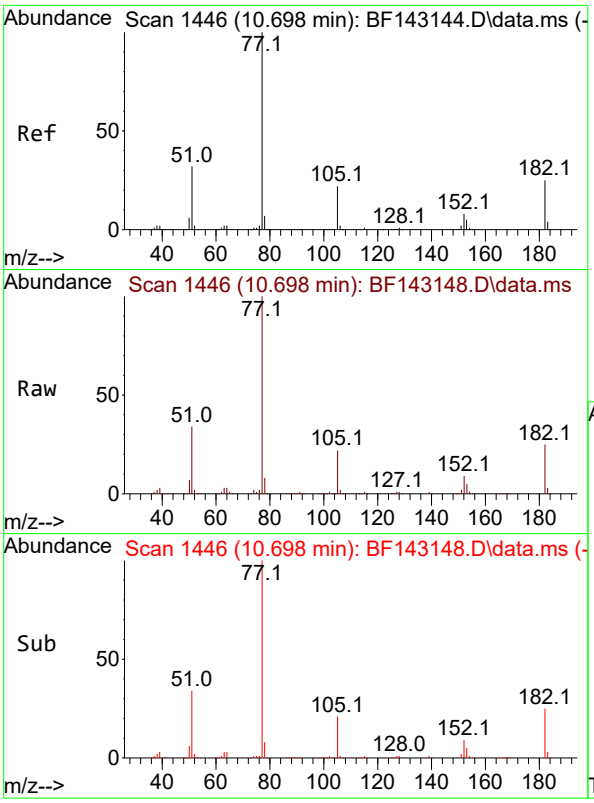


#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 160193

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.5	48.3	88.3

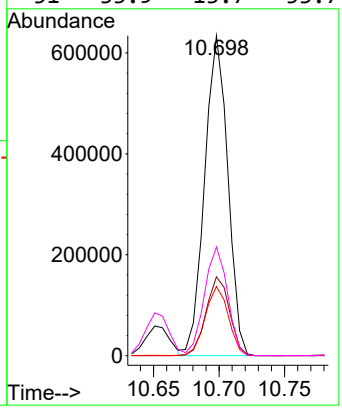




#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 77952

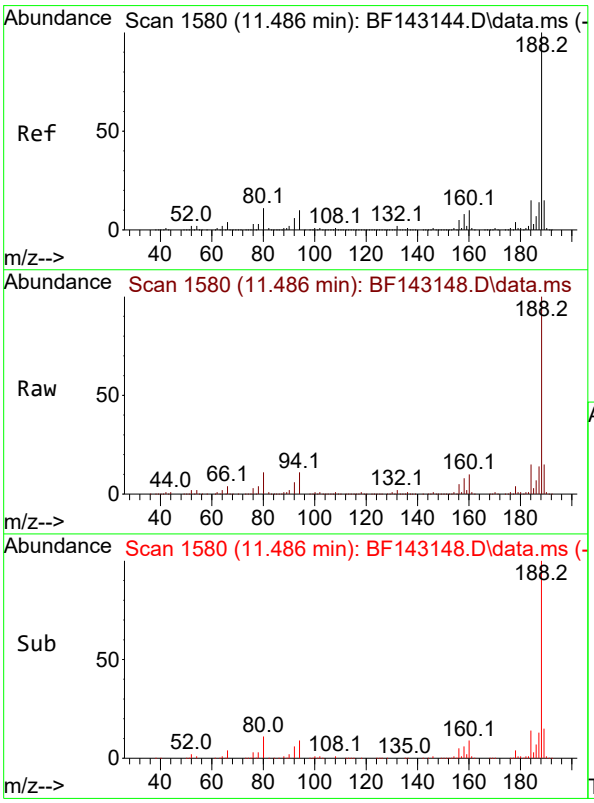
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.6	1.4	41.4
51	33.9	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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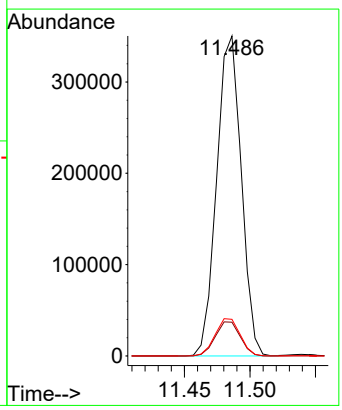
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

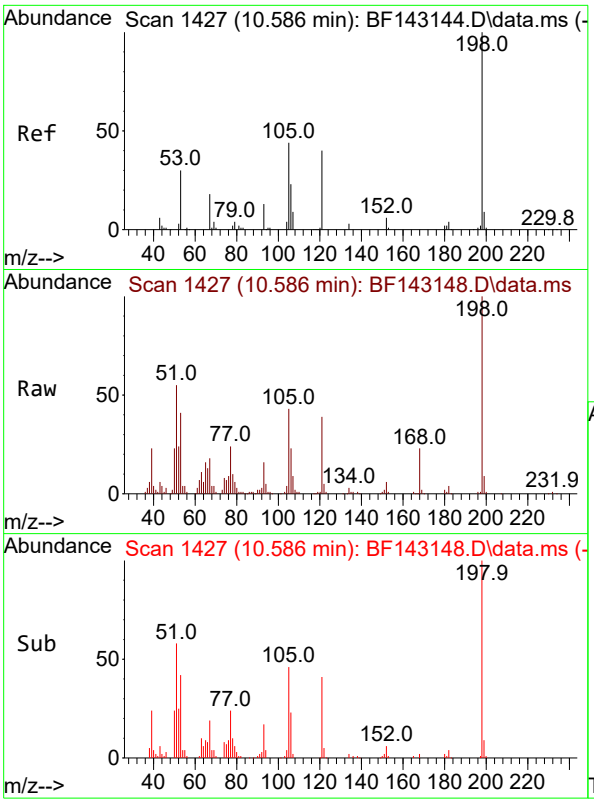


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:188 Resp: 457098

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.4	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

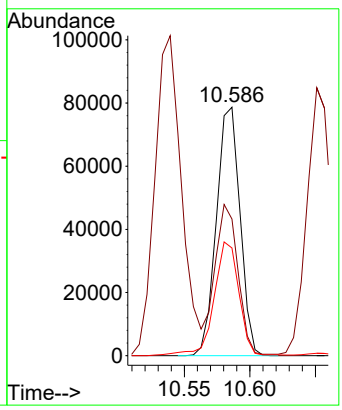
Instrument :
BNA_F
ClientSampleId :
ICVBF071725

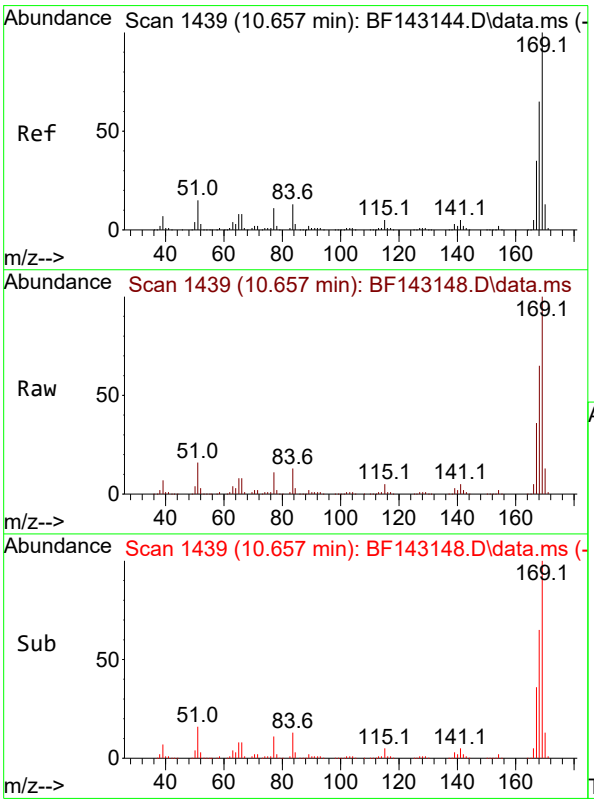
Tgt Ion:198 Resp: 9846

Ion	Ratio	Lower	Upper
198	100		
51	55.0	37.2	77.2
105	43.3	24.8	64.8

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

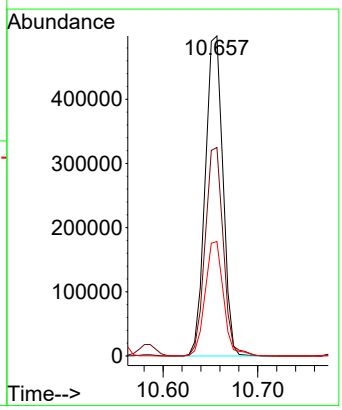


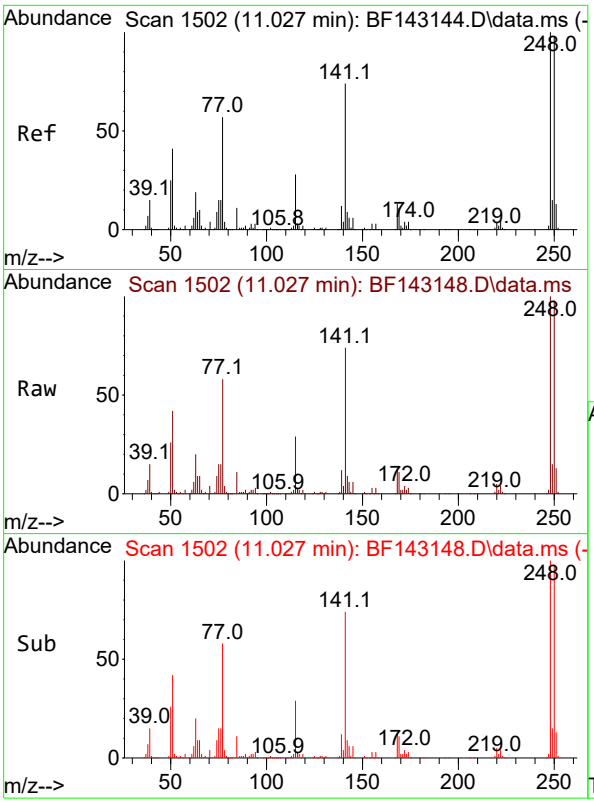


#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:169 Resp: 647855

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.8	28.2	42.2

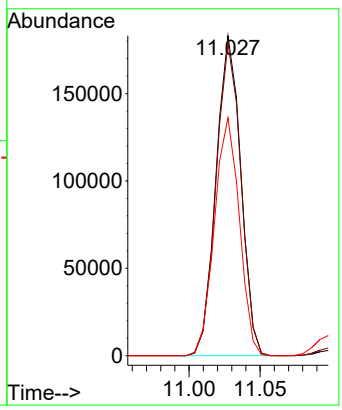




#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:248 Resp: 22240

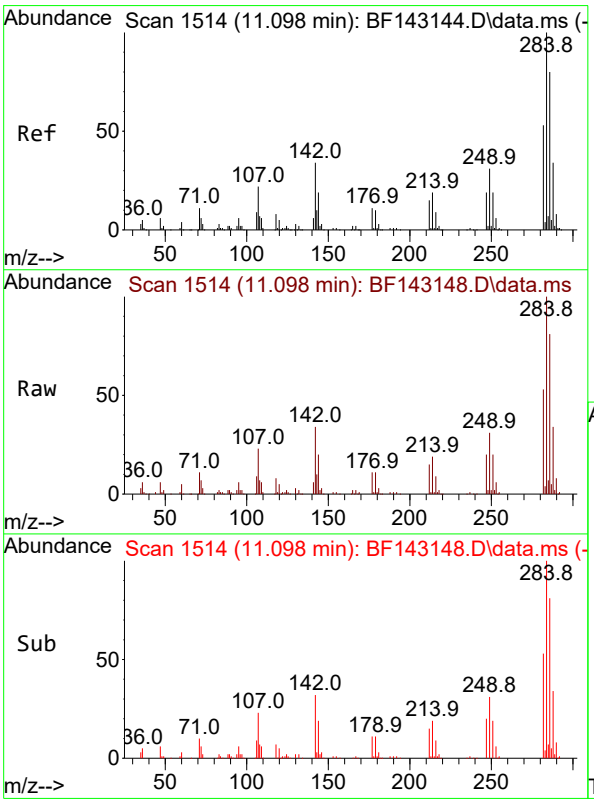
Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	74.3	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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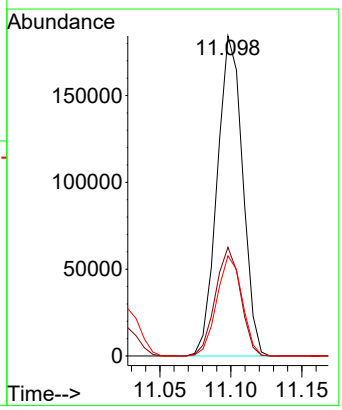
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

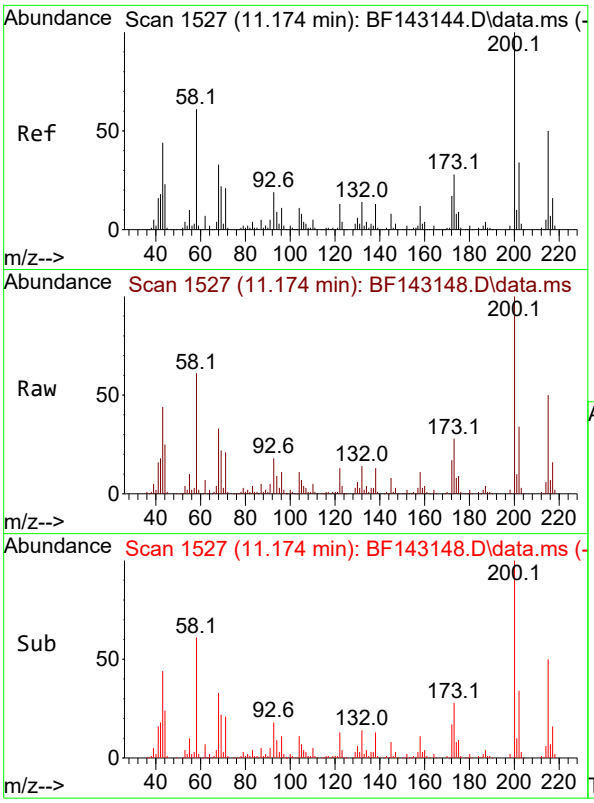


#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:284 Resp: 229272

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	31.3	25.0	37.6

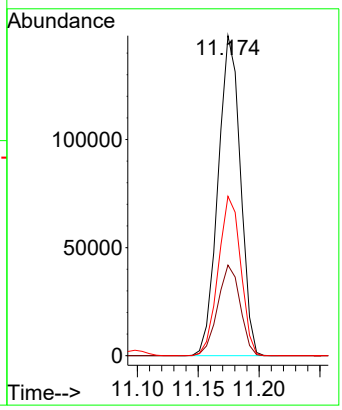




#69
Atrazine
Concen: 42.615 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:200 Resp: 18910

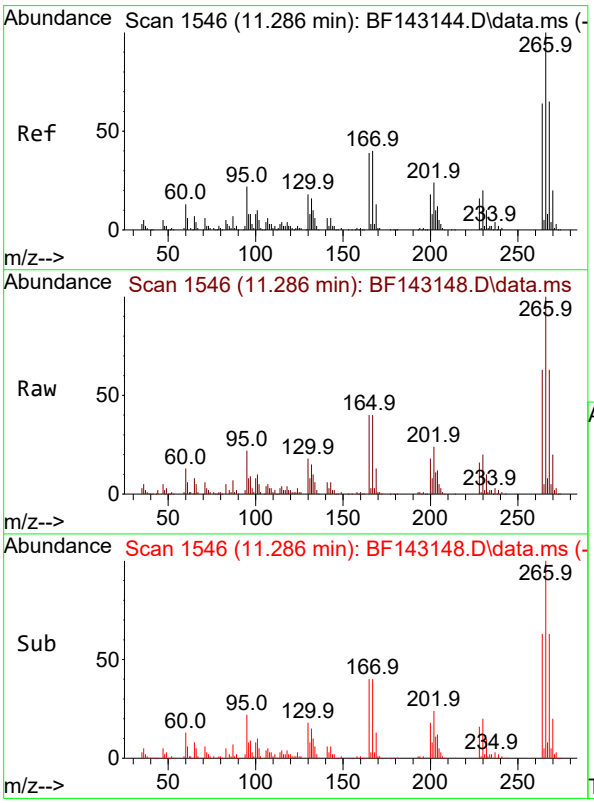
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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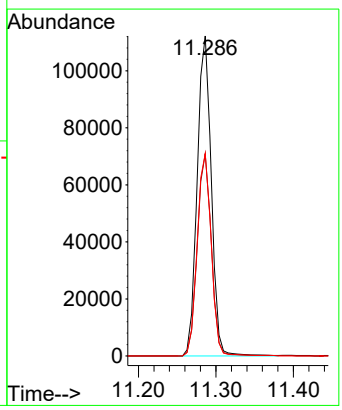
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

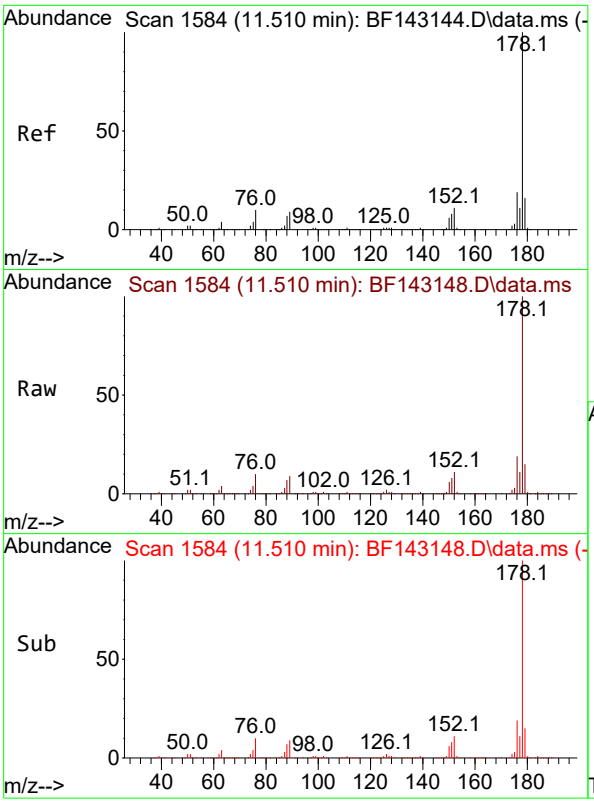


#70
Pentachlorophenol
Concen: 42.292 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:266 Resp: 141608

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	63.3	51.0	76.6

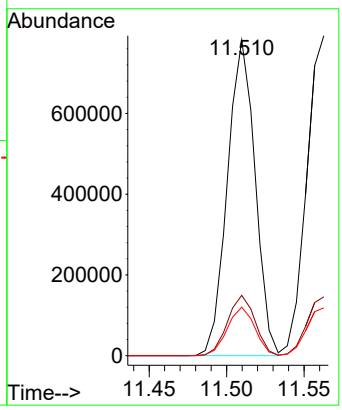




#71
Phenanthrene
Concen: 40.026 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 97144

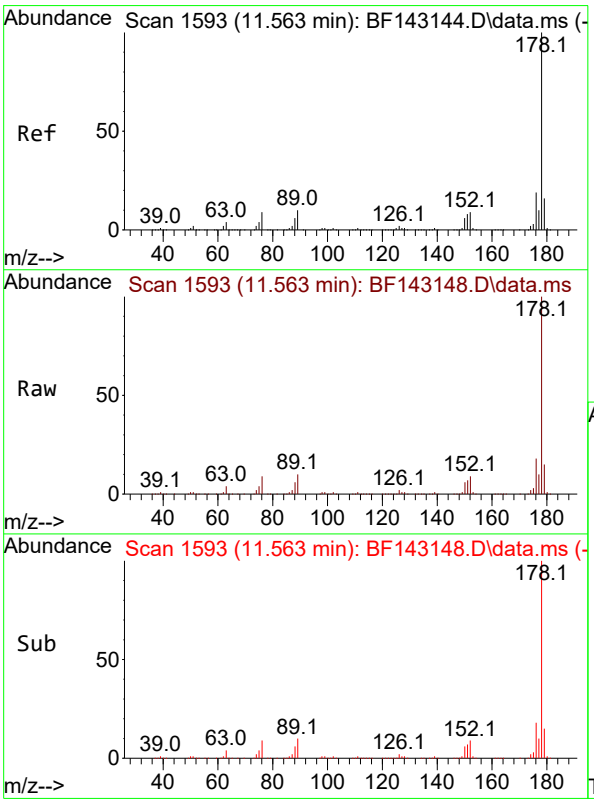
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
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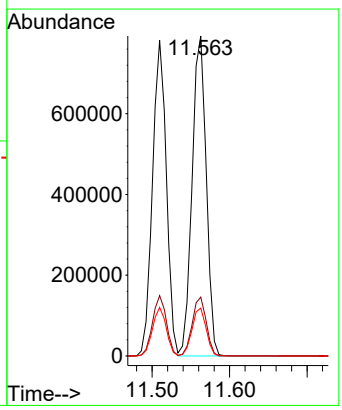
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

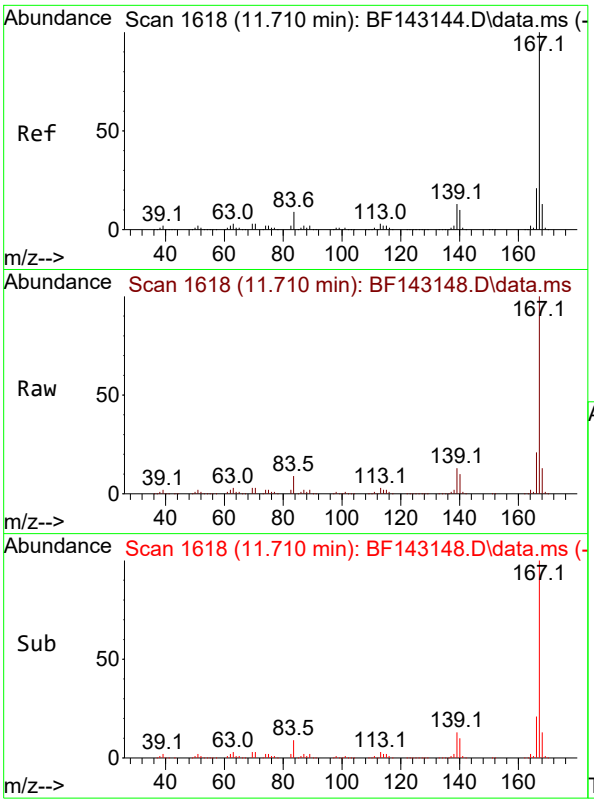


#72
Anthracene
Concen: 40.557 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 1003925

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.0	12.5	18.7

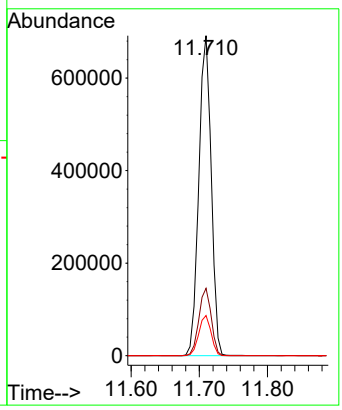




#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:167 Resp: 87486

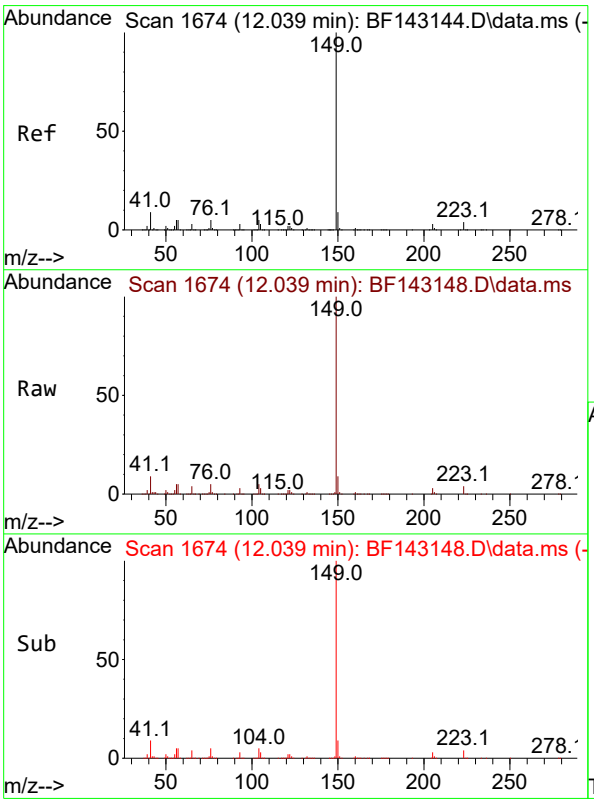
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.5	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

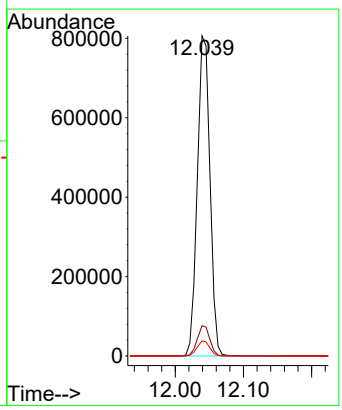
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

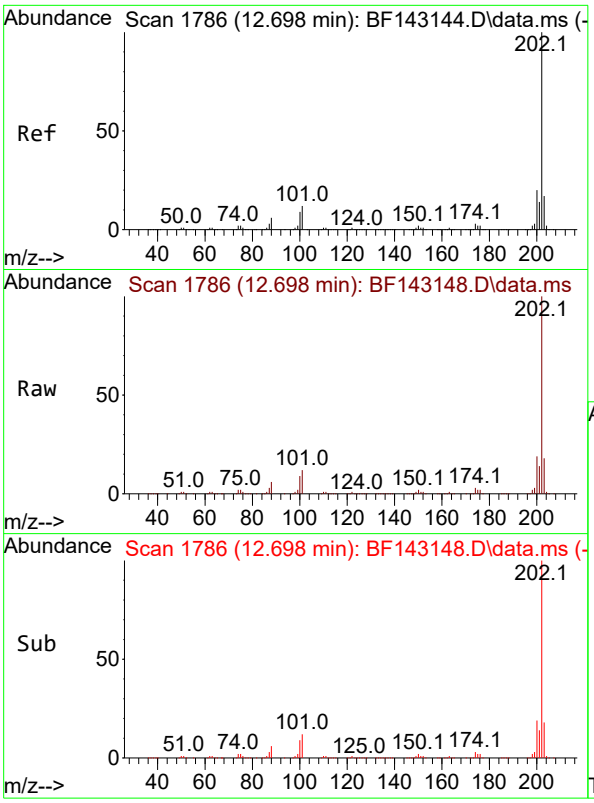


#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 1035244

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	3.8	5.8

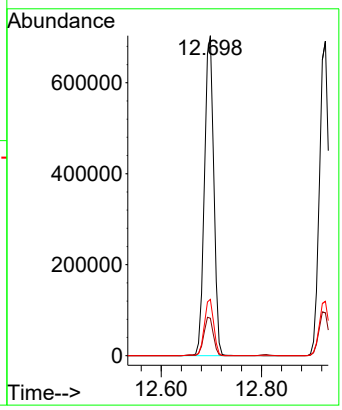




#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 90971

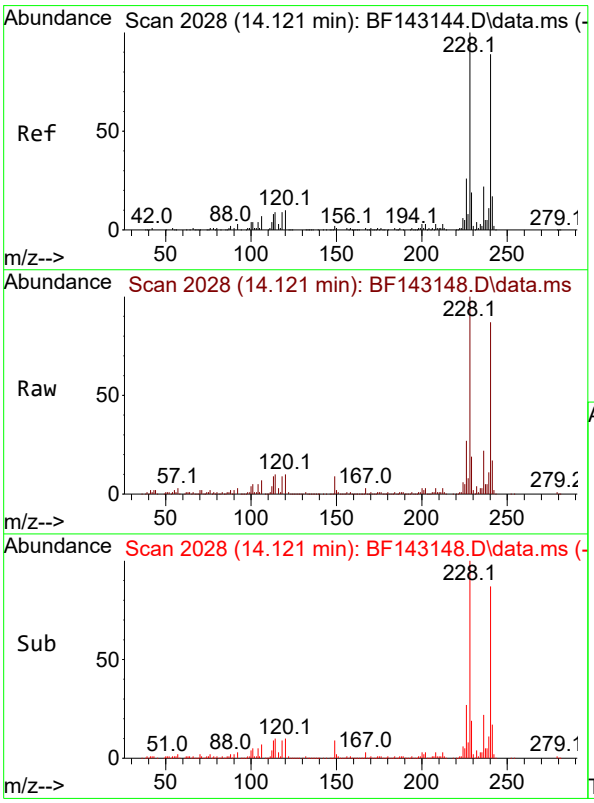
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.6	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

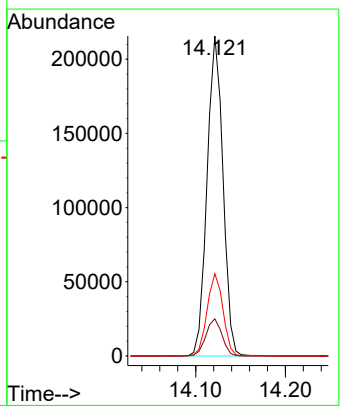
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

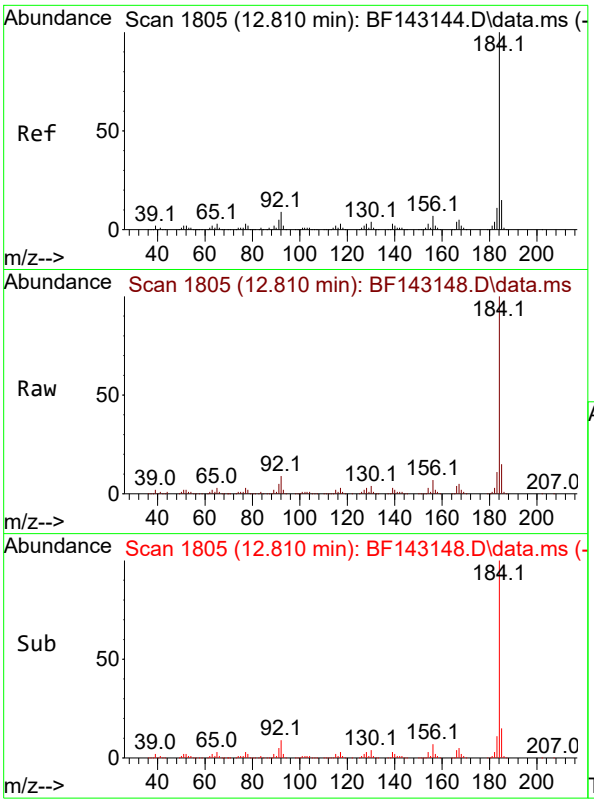


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:240 Resp: 265008

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	25.7	20.2	30.4

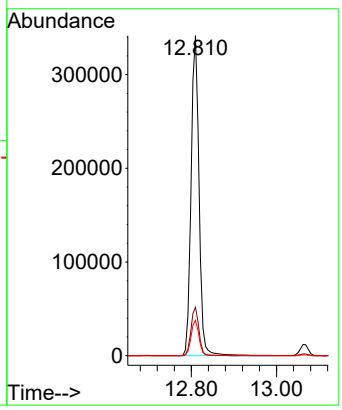




#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 44147

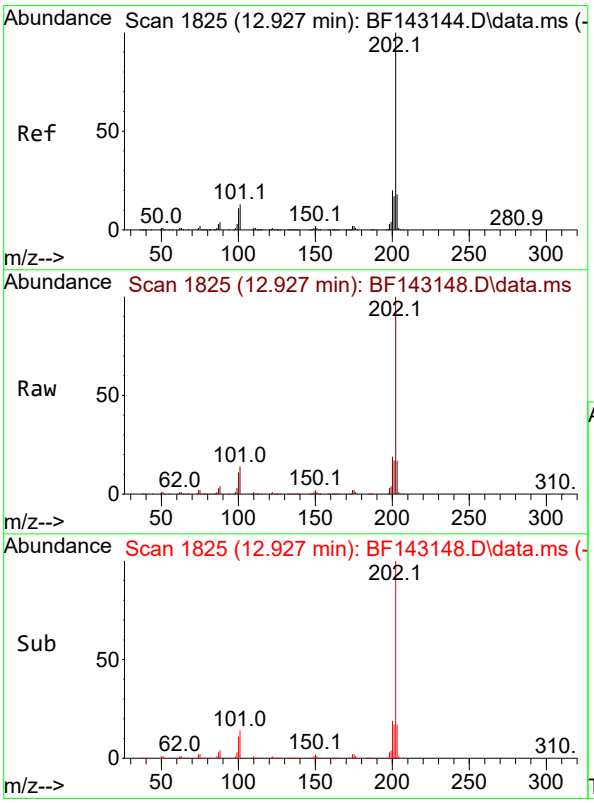
Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

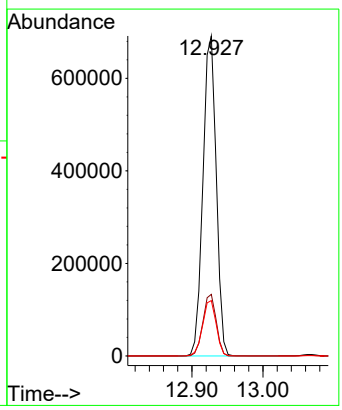
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

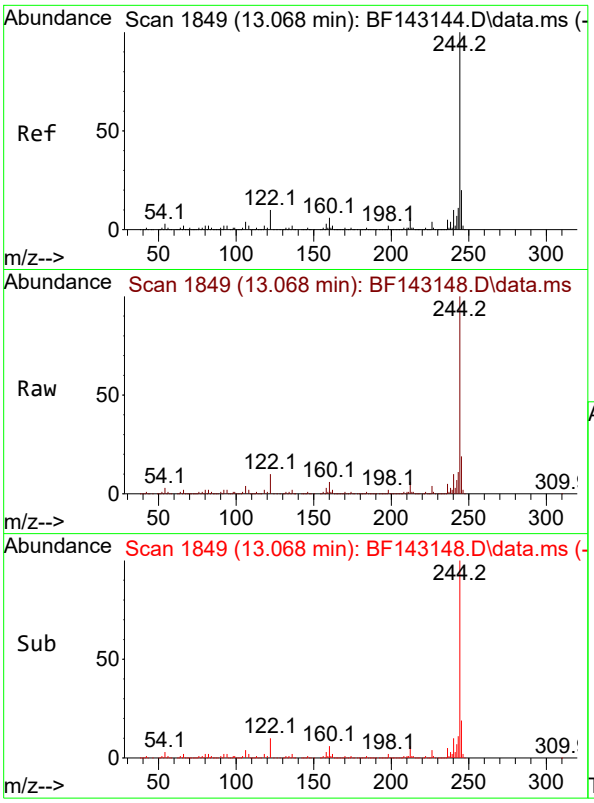


#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 902771

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.7	23.5
203	17.3	14.2	21.2

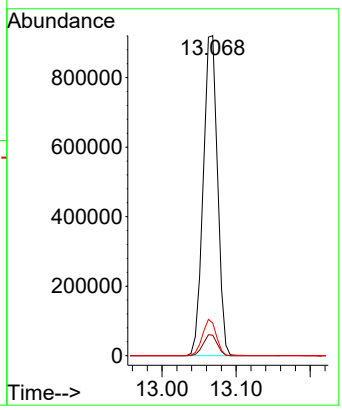




#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:244 Resp: 123470

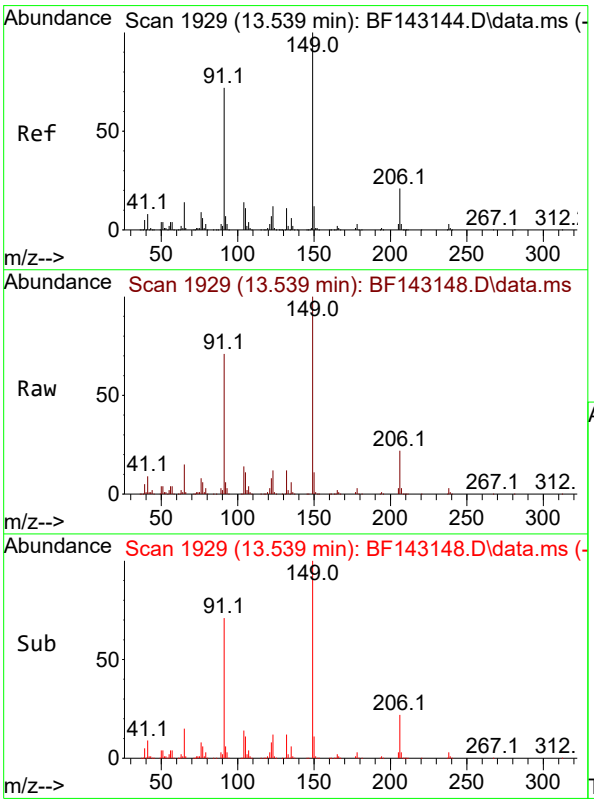
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

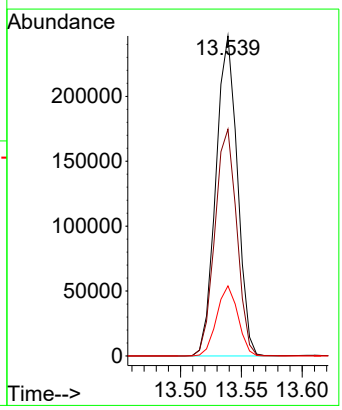
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

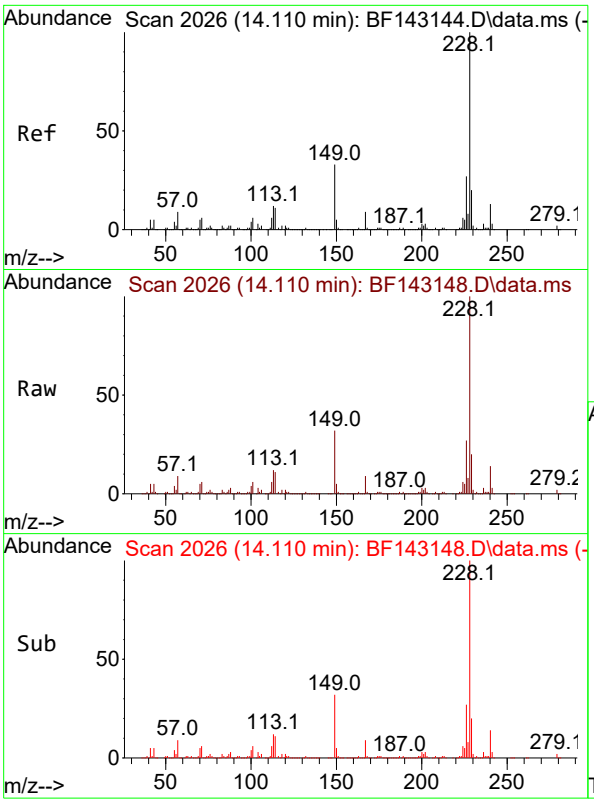


#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528

Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.9	86.9
206	21.9	17.0	25.4

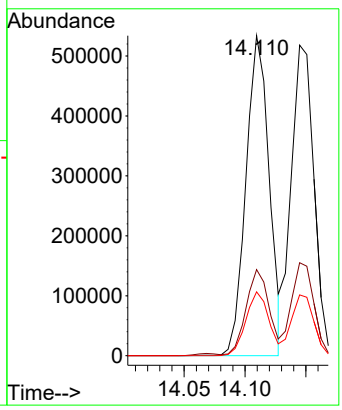




#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:228 Resp: 70879

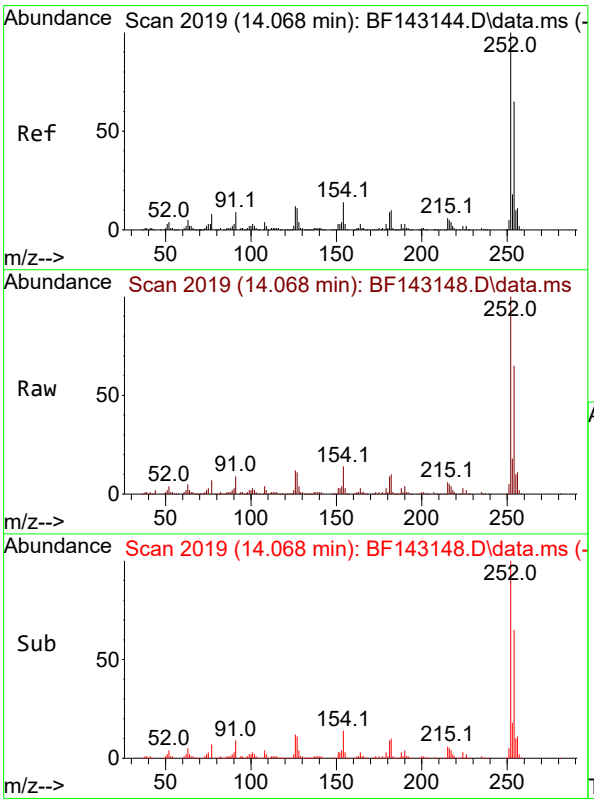
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

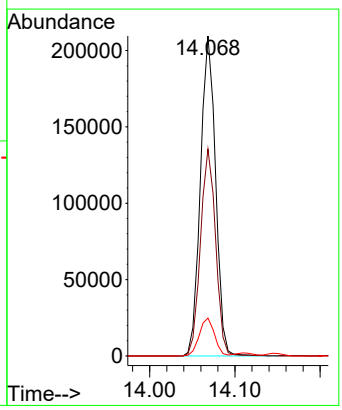
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

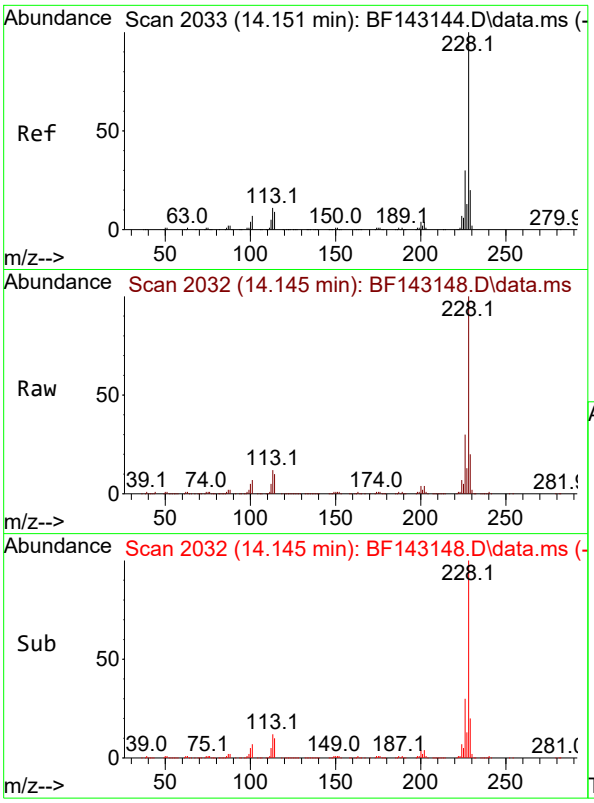


#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 258837

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.9	9.4	14.0

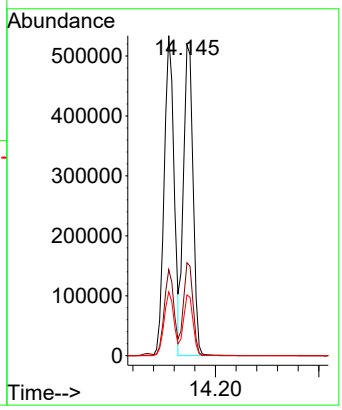




#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:228 Resp: 67370

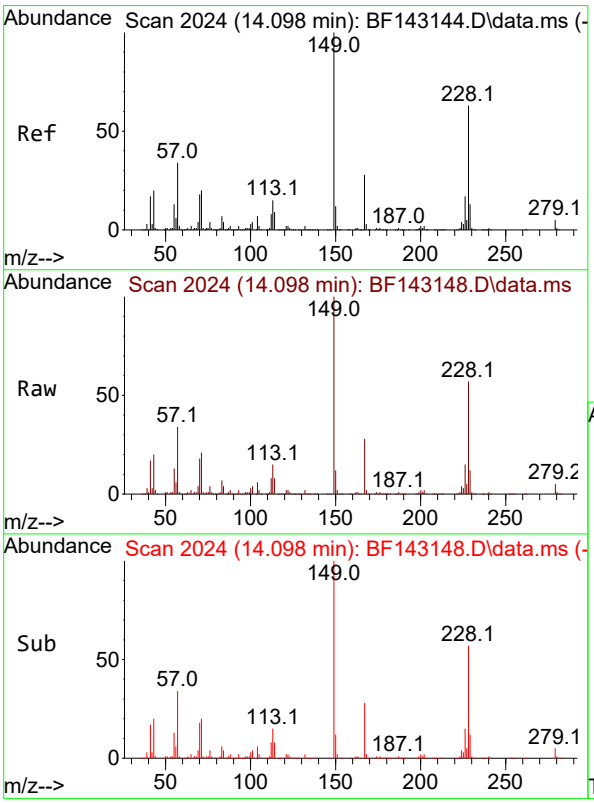
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

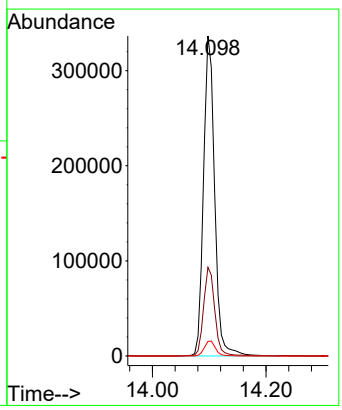
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

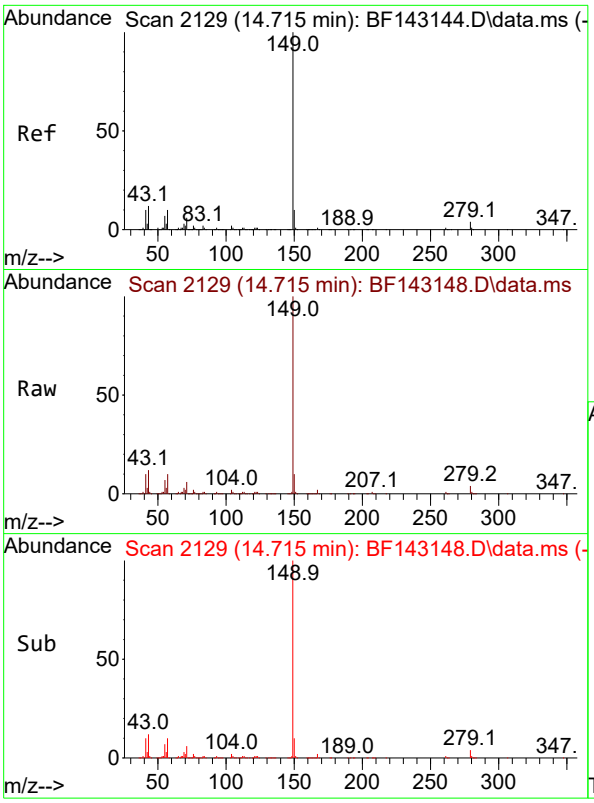


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 456811

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.6	3.6	5.4

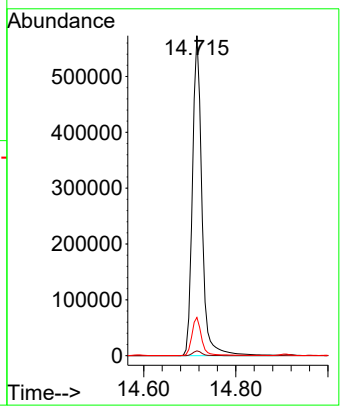




#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 81851

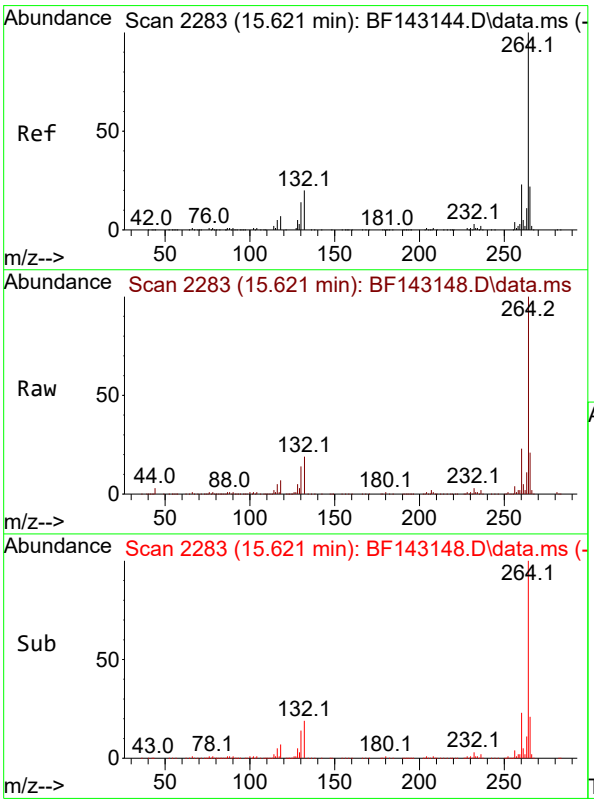
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.2	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

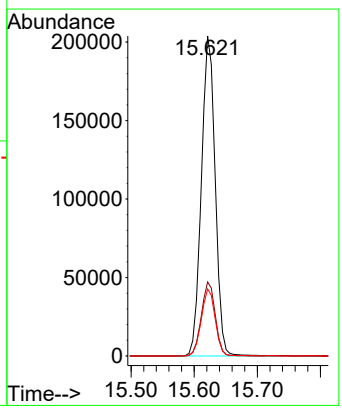
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

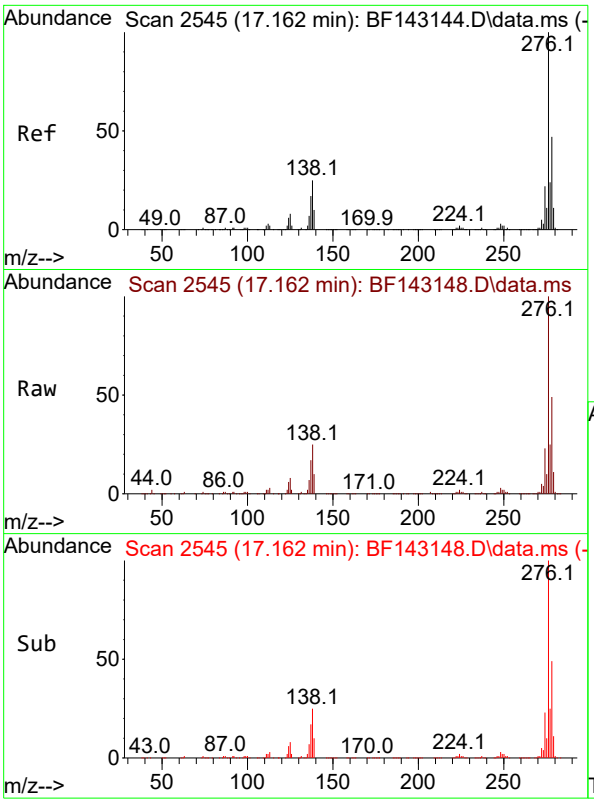


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:264 Resp: 310192

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.9	17.4	26.2

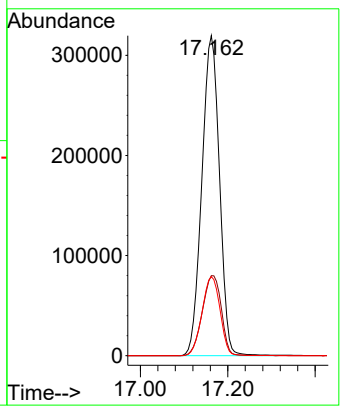




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 89640

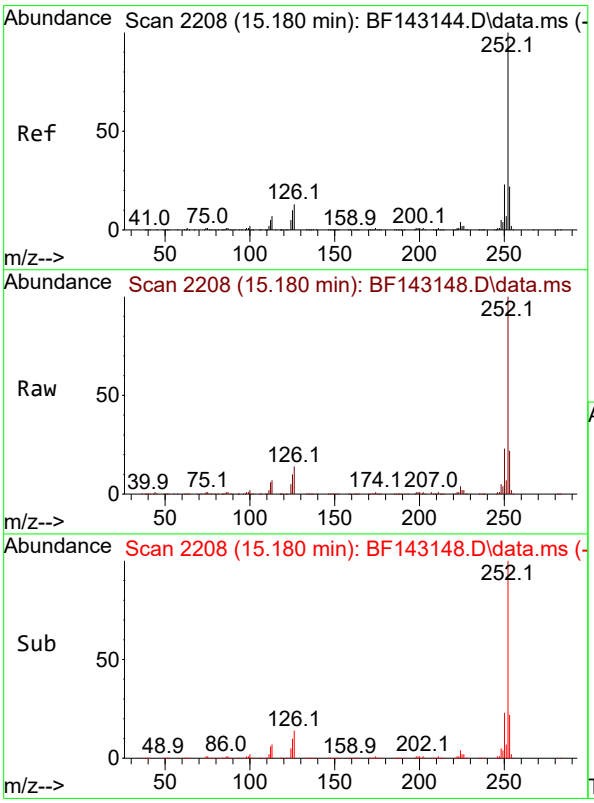
Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

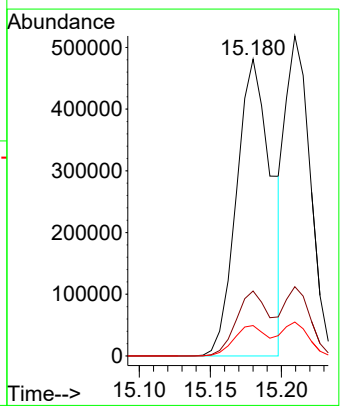
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

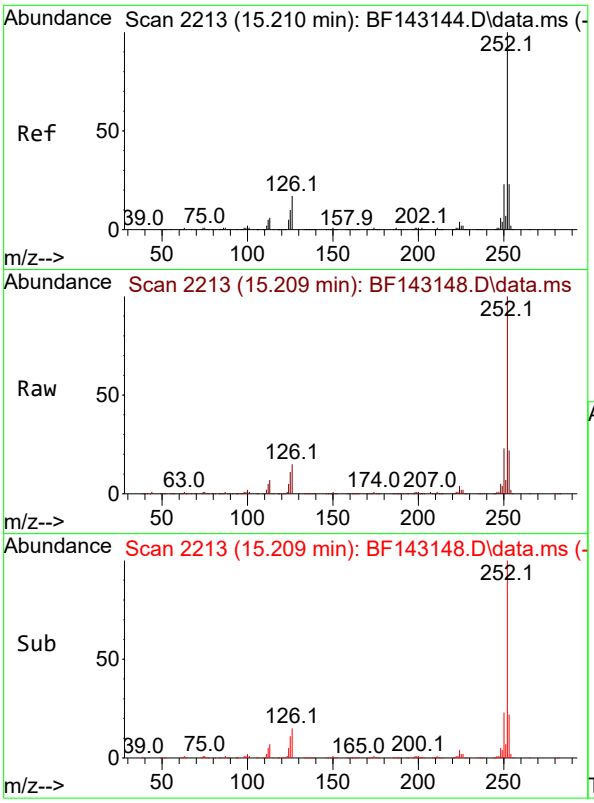


#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 820119

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.3	8.0	12.0

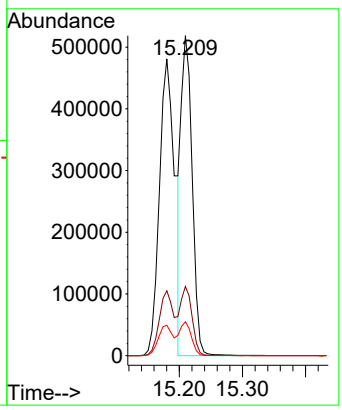




#89
Benzo(k)fluoranthene
Concen: 37.531 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 63464

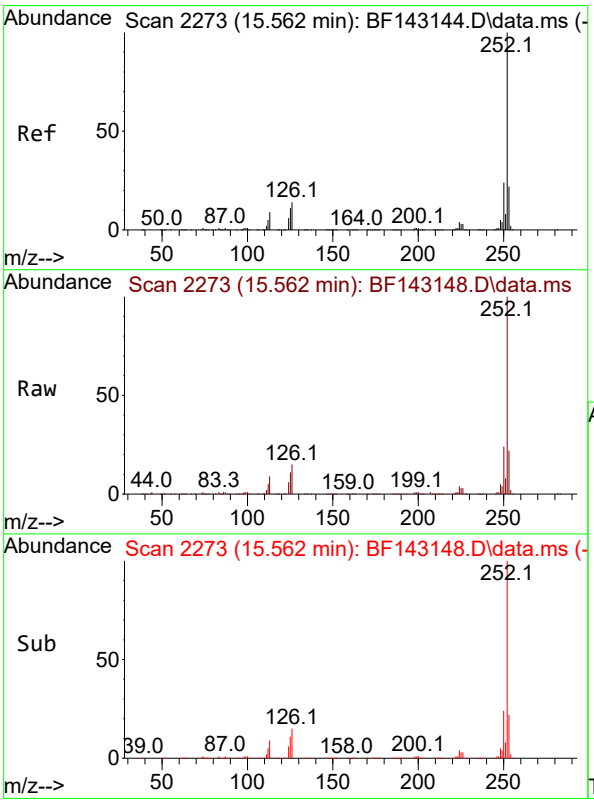
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.6	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

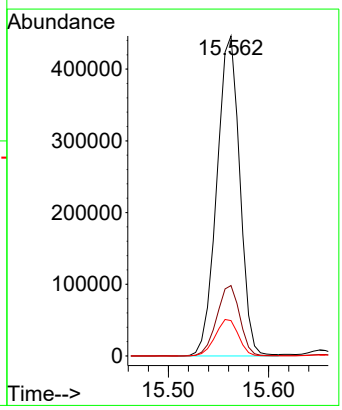
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

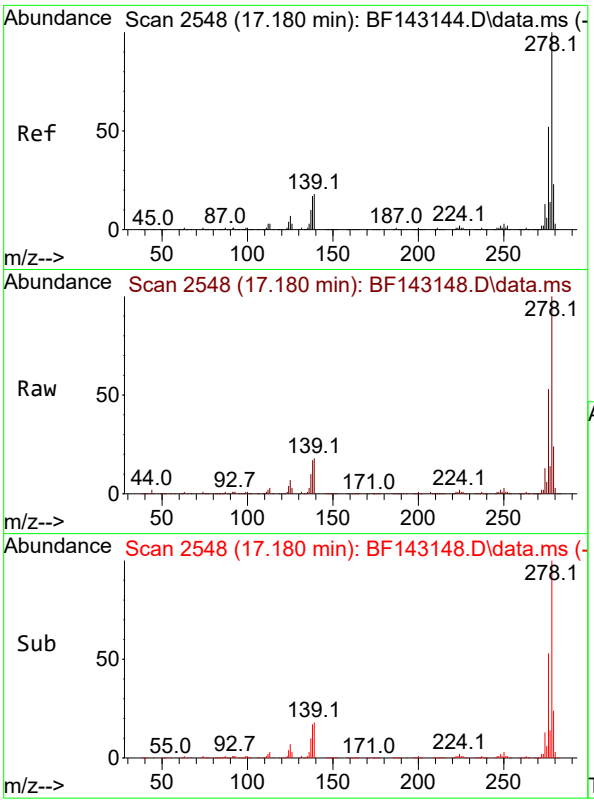


#90
Benzo(a)pyrene
Concen: 40.594 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 708756

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.1	8.6	13.0

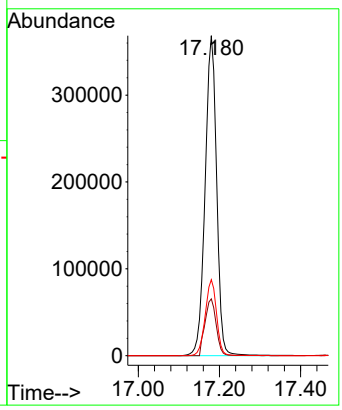




#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:278 Resp: 72475

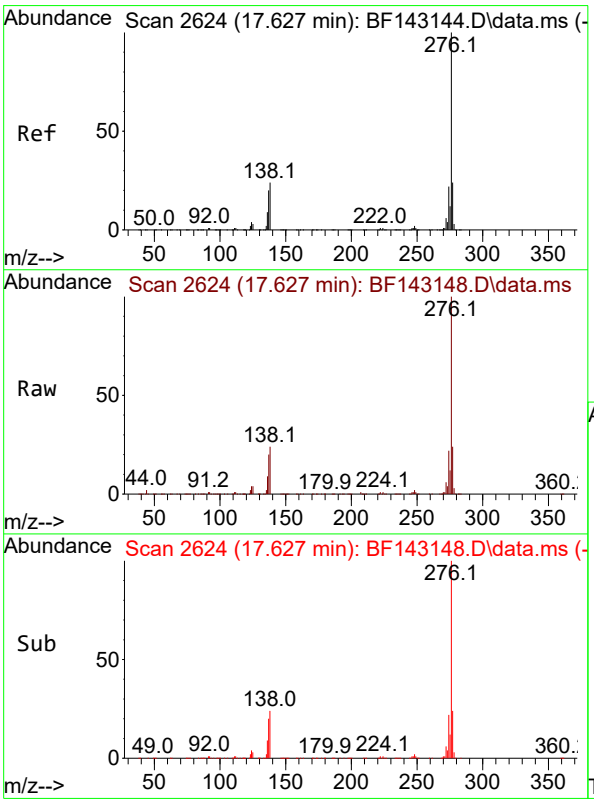
Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.8	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations
APPROVED

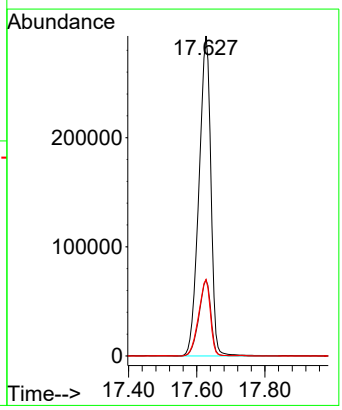
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	23.9	18.9	28.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	86	0.00
2		1,4-Dioxane	0.598	0.576	3.7	83	-0.03
3		Pyridine	1.552	1.576	-1.5	89	-0.02
4		n-Nitrosodimethylamine	0.801	0.817	-2.0	87	-0.02
5	S	2-Fluorophenol	1.264	1.219	3.6	85	0.00
6		Aniline	2.217	2.277	-2.7	89	0.00
7	S	Phenol-d6	1.591	1.554	2.3	86	0.00
8		2-Chlorophenol	1.325	1.375	-3.8	90	0.00
9		Benzaldehyde	1.193	1.117	6.4	67	0.00
10	C	Phenol	1.733	1.769	-2.1	89	0.00
11		bis(2-Chloroethyl)ether	1.327	1.348	-1.6	89	0.00
12		1,3-Dichlorobenzene	1.439	1.454	-1.0	89	0.00
13	C	1,4-Dichlorobenzene	1.449	1.476	-1.9	90	0.00
14		1,2-Dichlorobenzene	1.378	1.430	-3.8	92	0.00
15		Benzyl Alcohol	1.215	1.274	-4.9	90	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.545	-3.4	91	0.00
17		2-Methylphenol	1.114	1.153	-3.5	91	0.00
18		Hexachloroethane	0.502	0.526	-4.8	92	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	1.029	-0.8	90	0.00
20		3+4-Methylphenols	1.351	1.432	-6.0	92	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22		Acetophenone	0.474	0.477	-0.6	91	0.00
23	S	Nitrobenzene-d5	0.401	0.362	9.7	79	0.00
24		Nitrobenzene	0.374	0.390	-4.3	91	0.00
25		Isophorone	0.708	0.718	-1.4	91	0.00
26	C	2-Nitrophenol	0.162	0.182	-12.3	93	0.00
27		2,4-Dimethylphenol	0.331	0.337	-1.8	91	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.424	0.2	90	0.00
29	C	2,4-Dichlorophenol	0.279	0.285	-2.2	90	0.00
30		1,2,4-Trichlorobenzene	0.302	0.306	-1.3	91	0.00
31		Naphthalene	0.985	0.989	-0.4	90	0.00
32		Benzoic acid	0.169	0.181	-7.1	88	0.00
33		4-Chloroaniline	0.402	0.409	-1.7	91	0.00
34	C	Hexachlorobutadiene	0.184	0.190	-3.3	92	0.00
35		Caprolactam	0.084	0.086	-2.4	87	0.00
36	C	4-Chloro-3-methylphenol	0.303	0.308	-1.7	89	0.00
37		2-Methylnaphthalene	0.599	0.604	-0.8	91	0.00
38		1-Methylnaphthalene	0.617	0.628	-1.8	91	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	87	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.591	-2.4	93	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.403	-7.2	93	0.00
42	S	2,4,6-Tribromophenol	0.207	0.207	0.0	85	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.402	-0.5	91	0.00
44		2,4,5-Trichlorophenol	0.400	0.430	-7.5	92	0.00
45	S	2-Fluorobiphenyl	1.462	1.261	13.7	80	0.00
46		1,1'-Biphenyl	1.560	1.601	-2.6	93	0.00
47		2-Chloronaphthalene	1.155	1.160	-0.4	91	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	0.362	0.396	-9.4	91	0.00
49		Acenaphthylene	1.935	1.936	-0.1	90	0.00
50		Dimethylphthalate	1.304	1.311	-0.5	89	0.00
51		2,6-Dinitrotoluene	0.265	0.291	-9.8	91	0.00
52	C	Acenaphthene	1.144	1.149	-0.4	91	0.00
53		3-Nitroaniline	0.310	0.333	-7.4	91	0.00
54	P	2,4-Dinitrophenol	0.098	0.113	-15.3	93	0.00
55		Dibenzofuran	1.698	1.697	0.1	90	0.00
56	P	4-Nitrophenol	0.232	0.245	-5.6	86	0.00
57		2,4-Dinitrotoluene	0.333	0.370	-11.1	90	0.00
58		Fluorene	1.274	1.249	2.0	89	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.346	-4.5	90	0.00
60		Diethylphthalate	1.289	1.312	-1.8	90	0.00
61		4-Chlorophenyl-phenylether	0.635	0.641	-0.9	91	0.00
62		4-Nitroaniline	0.266	0.279	-4.9	86	0.00
63		Azobenzene	1.343	1.357	-1.0	89	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.108	-14.9	93	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.709	-0.7	89	0.00
67		4-Bromophenyl-phenylether	0.238	0.243	-2.1	90	0.00
68		Hexachlorobenzene	0.249	0.251	-0.8	88	0.00
69		Atrazine	0.194	0.207	-6.7	89	0.00
70	C	Pentachlorophenol	0.147	0.155	-5.4	88	0.00
71		Phenanthrene	1.062	1.063	-0.1	88	0.00
72		Anthracene	1.083	1.098	-1.4	89	0.00
73		Carbazole	0.946	0.957	-1.2	87	0.00
74		Di-n-butylphthalate	1.070	1.132	-5.8	89	0.00
75	C	Fluoranthene	0.975	0.995	-2.1	88	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77		Benzidine	0.771	0.833	-8.0	78	0.00
78		Pyrene	1.707	1.703	0.2	89	0.00
79	S	Terphenyl-d14	1.344	1.165	13.3	79	0.00
80		Butylbenzylphthalate	0.523	0.573	-9.6	94	0.00
81		Benzo(a)anthracene	1.339	1.337	0.1	93	0.00
82		3,3'-Dichlorobenzidine	0.446	0.488	-9.4	102	0.00
83		Chrysene	1.204	1.271	-5.6	94	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.862	-9.0	98	0.00
85	c	Di-n-octyl phthalate	1.434	1.544	-7.7	100	0.00
86	I	Perylene-d12	1.000	1.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.445	-2.5	98	0.00
88		Benzo(b)fluoranthene	1.222	1.322	-8.2	110	0.00
89		Benzo(k)fluoranthene	1.090	1.023	6.1	87	0.00
90	C	Benzo(a)pyrene	1.126	1.142	-1.4	98	0.00
91		Dibenzo(a,h)anthracene	1.148	1.168	-1.7	98	0.00
92		Benzo(g,h,i)perylene	1.110	1.149	-3.5	99	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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	86	0.00
2		1,4-Dioxane	40.000	38.496	3.8	83	-0.03
3		Pyridine	40.000	40.604	-1.5	89	-0.02
4		n-Nitrosodimethylamine	40.000	40.802	-2.0	87	-0.02
5	S	2-Fluorophenol	80.000	77.143	3.6	85	0.00
6		Aniline	40.000	41.078	-2.7	89	0.00
7	S	Phenol-d6	80.000	78.133	2.3	86	0.00
8		2-Chlorophenol	40.000	41.530	-3.8	90	0.00
9		Benzaldehyde	40.000	37.441	6.4	67	0.00
10	C	Phenol	40.000	40.827	-2.1	89	0.00
11		bis(2-Chloroethyl)ether	40.000	40.628	-1.6	89	0.00
12		1,3-Dichlorobenzene	40.000	40.400	-1.0	89	0.00
13	C	1,4-Dichlorobenzene	40.000	40.731	-1.8	90	0.00
14		1,2-Dichlorobenzene	40.000	41.506	-3.8	92	0.00
15		Benzyl Alcohol	40.000	41.958	-4.9	90	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.357	-3.4	91	0.00
17		2-Methylphenol	40.000	41.398	-3.5	91	0.00
18		Hexachloroethane	40.000	41.903	-4.8	92	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.342	-0.9	90	0.00
20		3+4-Methylphenols	40.000	42.387	-6.0	92	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22		Acetophenone	40.000	40.260	-0.6	91	0.00
23	S	Nitrobenzene-d5	80.000	72.247	9.7	79	0.00
24		Nitrobenzene	40.000	41.731	-4.3	91	0.00
25		Isophorone	40.000	40.567	-1.4	91	0.00
26	C	2-Nitrophenol	40.000	44.896	-12.2	93	0.00
27		2,4-Dimethylphenol	40.000	40.773	-1.9	91	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.939	0.2	90	0.00
29	C	2,4-Dichlorophenol	40.000	40.875	-2.2	90	0.00
30		1,2,4-Trichlorobenzene	40.000	40.551	-1.4	91	0.00
31		Naphthalene	40.000	40.143	-0.4	90	0.00
32		Benzoic acid	40.000	39.782	0.5	88	0.00
33		4-Chloroaniline	40.000	40.671	-1.7	91	0.00
34	C	Hexachlorobutadiene	40.000	41.284	-3.2	92	0.00
35		Caprolactam	40.000	40.959	-2.4	87	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.611	-1.5	89	0.00
37		2-Methylnaphthalene	40.000	40.279	-0.7	91	0.00
38		1-Methylnaphthalene	40.000	40.712	-1.8	91	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	87	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.944	-2.4	93	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.872	-7.2	93	0.00
42	S	2,4,6-Tribromophenol	80.000	79.969	0.0	85	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.253	-0.6	91	0.00
44		2,4,5-Trichlorophenol	40.000	42.989	-7.5	92	0.00
45	S	2-Fluorobiphenyl	80.000	68.992	13.8	80	0.00
46		1,1'-Biphenyl	40.000	41.053	-2.6	93	0.00
47		2-Chloronaphthalene	40.000	40.184	-0.5	91	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	43.723	-9.3	91	0.00
49		Acenaphthylene	40.000	40.013	-0.0	90	0.00
50		Dimethylphthalate	40.000	40.218	-0.5	89	0.00
51		2,6-Dinitrotoluene	40.000	43.820	-9.6	91	0.00
52	C	Acenaphthene	40.000	40.176	-0.4	91	0.00
53		3-Nitroaniline	40.000	42.985	-7.5	91	0.00
54	P	2,4-Dinitrophenol	40.000	40.998	-2.5	93	0.00
55		Dibenzofuran	40.000	39.981	0.0	90	0.00
56	P	4-Nitrophenol	40.000	42.344	-5.9	86	0.00
57		2,4-Dinitrotoluene	40.000	44.440	-11.1	90	0.00
58		Fluorene	40.000	39.219	2.0	89	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.743	-4.4	90	0.00
60		Diethylphthalate	40.000	40.729	-1.8	90	0.00
61		4-Chlorophenyl-phenylether	40.000	40.377	-0.9	91	0.00
62		4-Nitroaniline	40.000	41.953	-4.9	86	0.00
63		Azobenzene	40.000	40.414	-1.0	89	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.869	-4.7	93	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.250	-0.6	89	0.00
67		4-Bromophenyl-phenylether	40.000	40.828	-2.1	90	0.00
68		Hexachlorobenzene	40.000	40.268	-0.7	88	0.00
69		Atrazine	40.000	42.615	-6.5	89	0.00
70	C	Pentachlorophenol	40.000	42.292	-5.7	88	0.00
71		Phenanthrene	40.000	40.026	-0.1	88	0.00
72		Anthracene	40.000	40.557	-1.4	89	0.00
73		Carbazole	40.000	40.476	-1.2	87	0.00
74		Di-n-butylphthalate	40.000	42.330	-5.8	89	0.00
75	C	Fluoranthene	40.000	40.836	-2.1	88	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77		Benzidine	40.000	43.239	-8.1	78	0.00
78		Pyrene	40.000	39.916	0.2	89	0.00
79	S	Terphenyl-d14	80.000	69.333	13.3	79	0.00
80		Butylbenzylphthalate	40.000	43.827	-9.6	94	0.00
81		Benzo(a)anthracene	40.000	39.950	0.1	93	0.00
82		3,3'-Dichlorobenzidine	40.000	43.772	-9.4	102	0.00
83		Chrysene	40.000	42.233	-5.6	94	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.578	-8.9	98	0.00
85	c	Di-n-octyl phthalate	40.000	43.077	-7.7	100	0.00
86	I	Perylene-d12	20.000	20.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.983	-2.5	98	0.00
88		Benzo(b)fluoranthene	40.000	43.278	-8.2	110	0.00
89		Benzo(k)fluoranthene	40.000	37.531	6.2	87	0.00
90	C	Benzo(a)pyrene	40.000	40.594	-1.5	98	0.00
91		Dibenzo(a,h)anthracene	40.000	40.710	-1.8	98	0.00
92		Benzo(g,h,i)perylene	40.000	41.394	-3.5	99	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025196.D 5 =BP025197.D 10 =BP025198.D 20 =BP025199.D 40 =BP025200.D 50 =BP025201.D 60 =BP025202.D 80 =BP0252
03.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.465	0.448	0.444	0.428	0.465	0.439	0.417	0.444	4.00
3)		Pyridine		1.216	1.139	1.178	1.166	1.258	1.199	1.155	1.188	3.42
4)		n-Nitrosodimet...			0.443	0.468	0.468	0.502	0.481	0.463	0.471	4.16
5)	S	2-Fluorophenol		1.225	1.157	1.200	1.163	1.241	1.183	1.117	1.184	3.58
6)		Aniline		1.917	1.817	1.913	1.926	2.037	1.940	1.864	1.916	3.55
7)	S	Phenol-d6		1.475	1.426	1.477	1.468	1.544	1.473	1.399	1.466	3.11
8)		2-Chlorophenol		1.343	1.287	1.346	1.338	1.421	1.365	1.301	1.343	3.27
9)		Benzaldehyde			0.925	0.954	1.109	1.237	0.994	0.745	0.994	16.85
10)	C	Phenol		1.528	1.464	1.521	1.519	1.613	1.531	1.466	1.520	3.29
11)		bis(2-Chloroet...		1.181	1.125	1.157	1.164	1.243	1.170	1.118	1.166	3.54
12)		1,3-Dichlorobe...		1.563	1.492	1.514	1.493	1.579	1.502	1.429	1.510	3.31
13)	C	1,4-Dichlorobe...		1.574	1.496	1.532	1.506	1.603	1.514	1.447	1.525	3.39
14)		1,2-Dichlorobe...		1.534	1.420	1.461	1.451	1.542	1.456	1.401	1.467	3.65
15)		Benzyl Alcohol			1.000	1.051	1.063	1.123	1.077	1.031	1.057	3.95
16)		2,2'-oxybis(1-...		1.518	1.433	1.497	1.487	1.595	1.483	1.426	1.491	3.79
17)		2-Methylphenol		1.045	1.003	1.053	1.058	1.130	1.065	1.025	1.054	3.77
18)		Hexachloroethane		0.529	0.510	0.517	0.520	0.557	0.530	0.507	0.524	3.19
19)	P	n-Nitroso-di-n...	0.864	0.909	0.837	0.899	0.888	0.949	0.881	0.830	0.882	4.41
20)		3+4-Methylphenols			1.354	1.436	1.440	1.549	1.462	1.386	1.438	4.68
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.479	0.468	0.482	0.450	0.490	0.463	0.427	0.465	4.67
23)	S	Nitrobenzene-d5		0.368	0.355	0.369	0.352	0.380	0.363	0.332	0.360	4.24
24)		Nitrobenzene		0.322	0.317	0.326	0.314	0.338	0.325	0.304	0.321	3.34
25)		Isophorone		0.649	0.613	0.647	0.622	0.663	0.635	0.600	0.633	3.51
26)	C	2-Nitrophenol		0.173	0.169	0.183	0.183	0.201	0.194	0.186	0.184	6.05
27)		2,4-Dimethylph...		0.306	0.300	0.312	0.303	0.328	0.314	0.295	0.308	3.53
28)		bis(2-Chloroet...		0.408	0.391	0.406	0.383	0.417	0.399	0.367	0.396	4.34
29)	C	2,4-Dichloroph...		0.314	0.305	0.320	0.313	0.336	0.322	0.306	0.317	3.35
30)		1,2,4-Trichlor...		0.359	0.345	0.349	0.334	0.361	0.347	0.326	0.346	3.58
31)		Naphthalene		1.078	1.018	1.046	0.996	1.070	1.016	0.941	1.023	4.61
32)		Benzoic acid			0.182	0.226	0.235	0.262	0.258	0.249	0.235	12.48
33)		4-Chloroaniline		0.456	0.437	0.456	0.438	0.475	0.462	0.426	0.450	3.75
34)	C	Hexachlorobuta...		0.213	0.205	0.211	0.203	0.217	0.211	0.197	0.208	3.33
35)		Caprolactam			0.099	0.107	0.101	0.112	0.109	0.103	0.105	4.63
36)	C	4-Chloro-3-met...		0.313	0.311	0.322	0.307	0.333	0.324	0.306	0.317	3.23
37)		2-Methylnaphth...		0.687	0.659	0.681	0.646	0.696	0.664	0.620	0.665	3.95
38)		1-Methylnaphth...		0.733	0.692	0.714	0.681	0.732	0.695	0.639	0.698	4.70

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.611	0.588	0.601	0.590	0.639	0.597	0.571	0.599	3.54
41)	P	Hexachlorocycl...			0.288	0.329	0.354	0.403	0.392	0.381	0.358	12.18
42)	S	2,4,6-Tribromo...	0.297	0.288	0.298	0.288	0.316	0.296	0.281	0.295	3.77
43)	C	2,4,6-Trichlor...	0.391	0.394	0.412	0.408	0.442	0.416	0.405	0.410	4.09
44)		2,4,5-Trichlor...	0.437	0.438	0.452	0.450	0.478	0.459	0.441	0.451	3.25
45)	S	2-Fluorobiphenyl	1.616	1.525	1.525	1.401	1.486	1.252	1.125	1.419	12.22
46)		1,1'-Biphenyl	1.523	1.474	1.469	1.426	1.502	1.418	1.336	1.450	4.32
47)		2-Chloronaphth...	1.176	1.144	1.126	1.104	1.178	1.123	1.072	1.132	3.37
48)		2-Nitroaniline	0.267	0.274	0.290	0.287	0.319	0.297	0.290	0.289	5.72
49)		Acenaphthylene	1.890	1.843	1.893	1.809	1.958	1.802	1.620	1.831	5.88
50)		Dimethylphthalate	1.515	1.438	1.457	1.378	1.508	1.401	1.315	1.430	5.01
51)		2,6-Dinitrotol...	0.292	0.295	0.312	0.310	0.335	0.321	0.310	0.311	4.80
52)	C	Acenaphthene	1.108	1.069	1.077	1.030	1.127	1.032	0.968	1.059	5.08
53)		3-Nitroaniline	0.328	0.337	0.352	0.342	0.384	0.360	0.350	0.350	5.15
54)	P	2,4-Dinitrophenol			0.133	0.167	0.181	0.211	0.207	0.205	0.184	16.39
55)		Dibenzofuran	1.831	1.721	1.749	1.676	1.784	1.658	1.550	1.710	5.40
56)	P	4-Nitrophenol			0.277	0.299	0.289	0.323	0.313	0.298	0.300	5.57
57)		2,4-Dinitrotol...	0.395	0.402	0.439	0.434	0.482	0.457	0.437	0.435	6.88
58)		Fluorene	1.467	1.383	1.399	1.327	1.413	1.294	1.221	1.358	6.10
59)		2,3,4,6-Tetrac...	0.397	0.380	0.402	0.391	0.427	0.406	0.390	0.399	3.75
60)		Diethylphthalate	1.490	1.408	1.428	1.379	1.504	1.377	1.282	1.410	5.34
61)		4-Chlorophenyl...	0.742	0.707	0.697	0.673	0.704	0.657	0.623	0.686	5.66
62)		4-Nitroaniline	0.335	0.339	0.367	0.346	0.389	0.366	0.353	0.356	5.28
63)		Azobenzene	1.159	1.123	1.169	1.121	1.219	1.156	1.095	1.149	3.53
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...			0.101	0.123	0.132	0.145	0.138	0.136	0.129	12.09
66)	c	n-Nitrosodiphe...	0.637	0.617	0.625	0.601	0.634	0.596	0.539	0.607	5.56
67)		4-Bromophenyl-...	0.234	0.231	0.233	0.233	0.248	0.235	0.220	0.233	3.51
68)		Hexachlorobenzene	0.282	0.275	0.281	0.280	0.289	0.276	0.257	0.277	3.70
69)		Atrazine	0.222	0.223	0.230	0.221	0.239	0.226	0.212	0.225	3.79
70)	C	Pentachlorophenol			0.170	0.187	0.190	0.203	0.196	0.185	0.188	5.87
71)		Phenanthrene	1.158	1.116	1.115	1.070	1.112	1.047	0.932	1.079	6.85
72)		Anthracene	1.140	1.130	1.142	1.083	1.161	1.065	0.885	1.087	8.77
73)		Carbazole	1.095	1.071	1.086	1.029	1.101	1.004	0.875	1.037	7.70
74)		Di-n-butylphth...	1.264	1.248	1.288	1.211	1.300	1.145	0.923	1.197	11.01
75)	C	Fluoranthene	1.350	1.343	1.337	1.252	1.306	1.185	1.114	1.270	7.15
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine			0.711	0.783	0.846	0.716	0.626	0.531	0.702	15.92
78)		Pyrene	1.316	1.229	1.273	1.258	1.279	1.187	1.090	1.233	6.09
79)	S	Terphenyl-d14	1.209	1.162	1.127	0.890	0.967	0.724		1.013	18.40
80)		Butylbenzylpht...	0.558	0.536	0.560	0.564	0.587	0.566	0.537	0.558	3.17
81)		Benzo(a)anthra...	1.339	1.289	1.311	1.244	1.322	1.221	1.115	1.263	6.14
82)		3,3'-Dichlorob...			0.524	0.550	0.509	0.550	0.525	0.483	0.524	4.89
83)		Chrysene	1.254	1.202	1.215	1.159	1.236	1.147	1.040	1.179	6.13
84)		Bis(2-ethylhex...	0.828	0.801	0.817	0.802	0.840	0.780	0.719	0.798	5.02
85)	c	Di-n-octyl pht...			1.368	1.457	1.384	1.492	1.354	1.214	1.378	7.01

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

86)	I	Perylene-d12	----------ISTD----------								
87)		Indeno(1,2,3-c...	1.498	1.428	1.461	1.426	1.540	1.460	1.417	1.462	3.02
88)		Benzo(b)fluora...	1.200	1.164	1.149	1.132	1.187	1.123	1.059	1.145	4.11
89)		Benzo(k)fluora...	1.191	1.117	1.148	1.134	1.201	1.118	1.003	1.130	5.77
90)	C	Benzo(a)pyrene	1.144	1.099	1.131	1.103	1.183	1.108	1.050	1.117	3.73
91)		Dibenzo(a,h)an...	1.216	1.181	1.205	1.175	1.251	1.190	1.128	1.192	3.20
92)		Benzo(g,h,i)pe...	1.211	1.141	1.178	1.150	1.226	1.163	1.135	1.172	2.99

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025196.D
Acq On : 21 Jul 2025 14:25
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 22 02:28:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	519487	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2005408	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1311001	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2604517	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2930579	20.000	ng	0.01
86) Perylene-d12	24.477	264	3527222	20.000	ng	0.02
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...	8.225	70	56086	2.424	ng	99

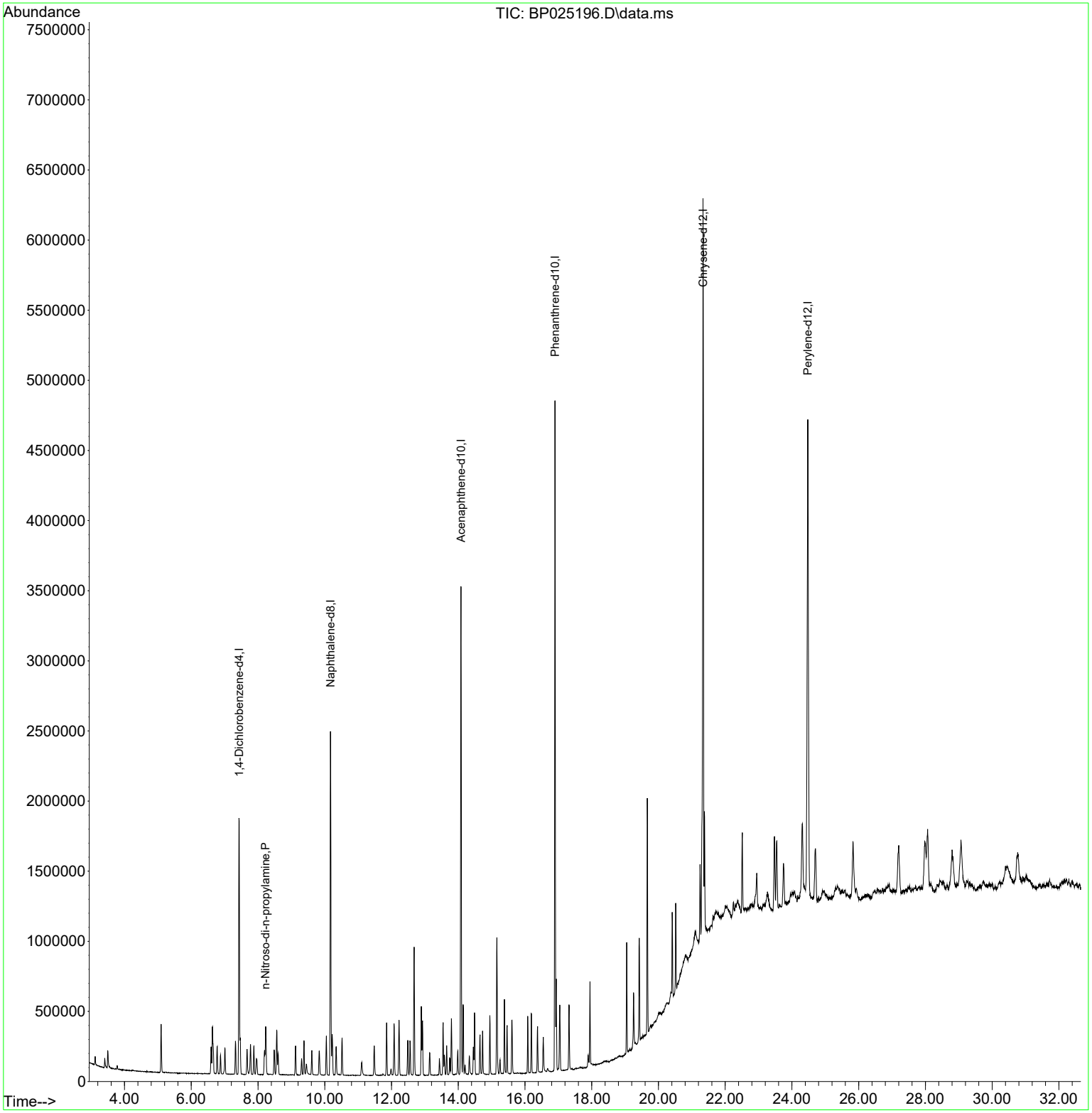
(#) = qualifier out of range (m) = manual integration (+) = signals summed

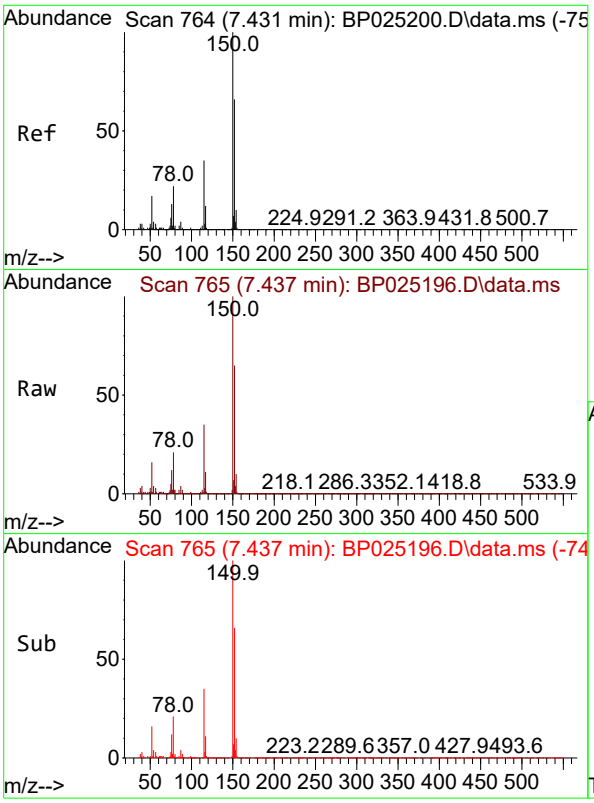
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025196.D
Acq On : 21 Jul 2025 14:25
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 22 02:28:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



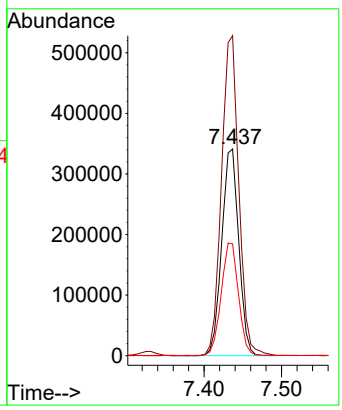


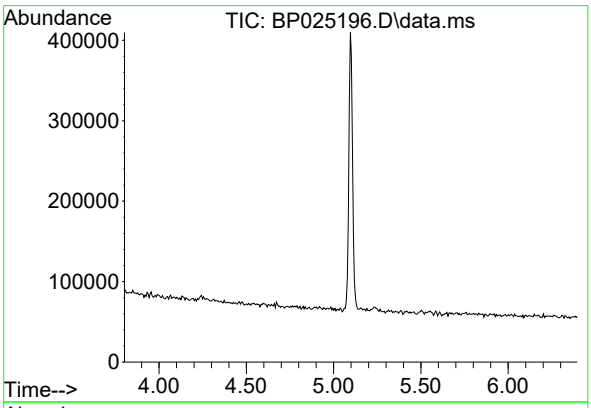
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 519487

Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.9	182.9
115	54.1	43.0	64.6



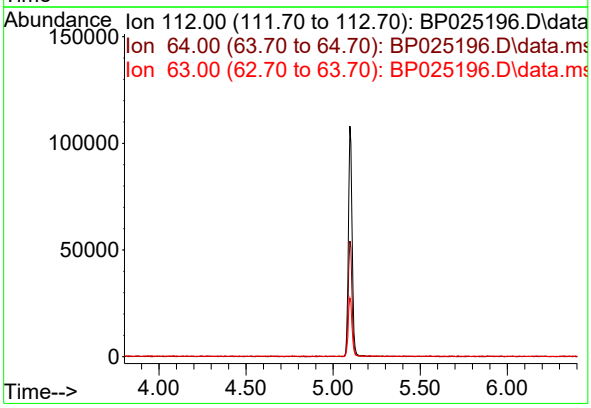


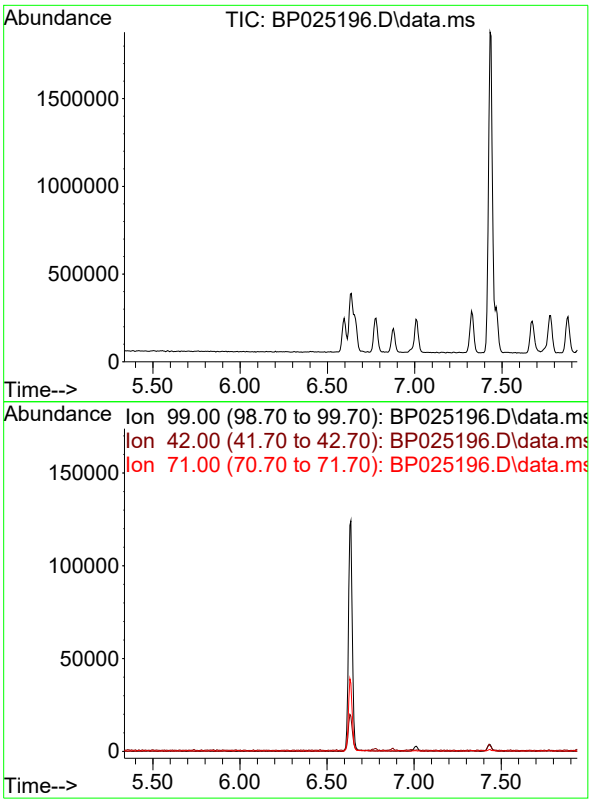
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	49.7
63	25.6





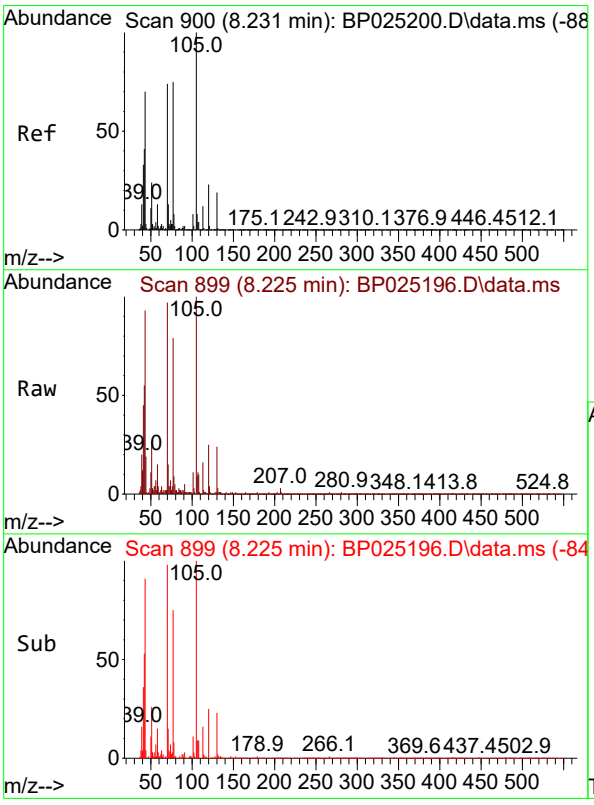
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.64 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

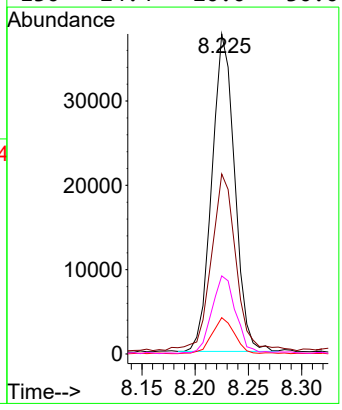
Sig	Exp Ratio
99	100
42	15.6
71	30.2

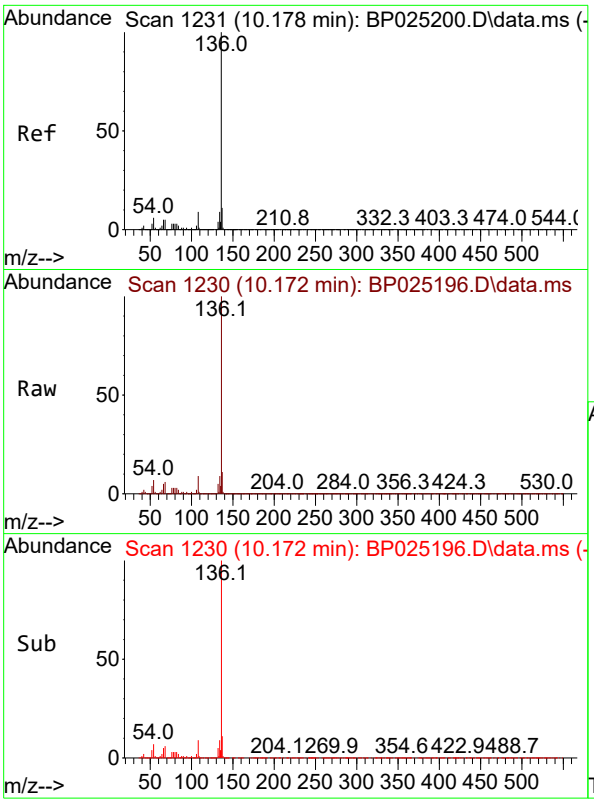


#19
n-Nitroso-di-n-propylamine
Concen: 2.424 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 70 Resp: 56086

Ion	Ratio	Lower	Upper
70	100		
42	56.2	44.2	66.2
101	11.4	8.6	12.8
130	24.4	20.0	30.0



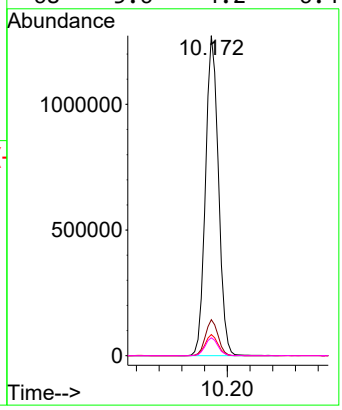


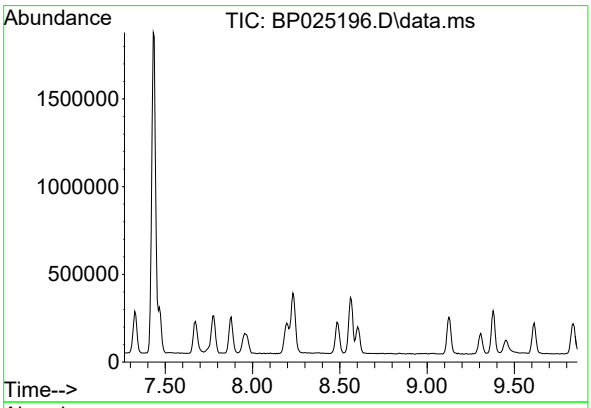
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 2005408

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.6	5.1	7.7
68	5.6	4.2	6.4



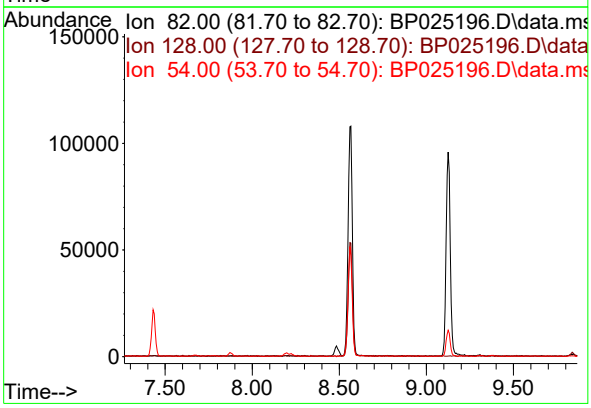


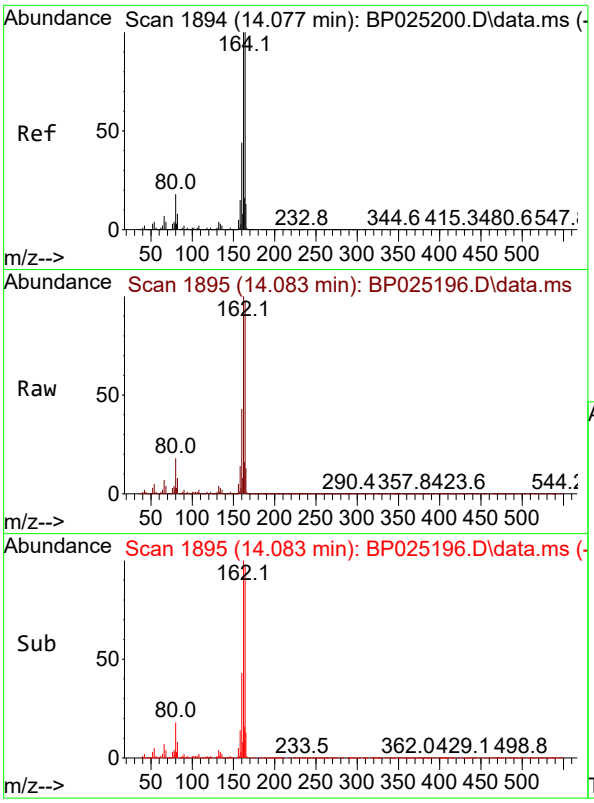
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.57 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	50.3
54	45.4



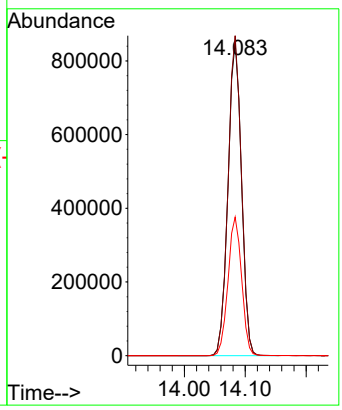


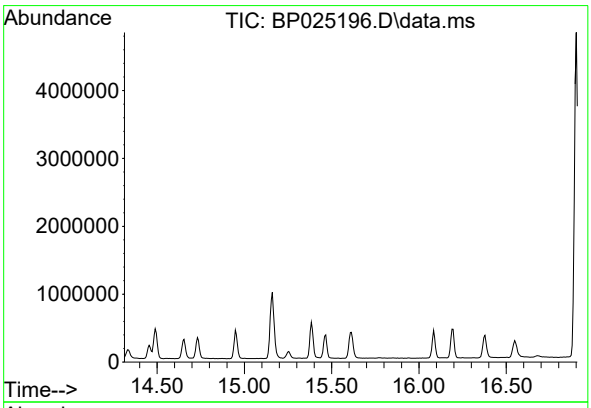
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 1311001

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	44.2	35.7	53.5



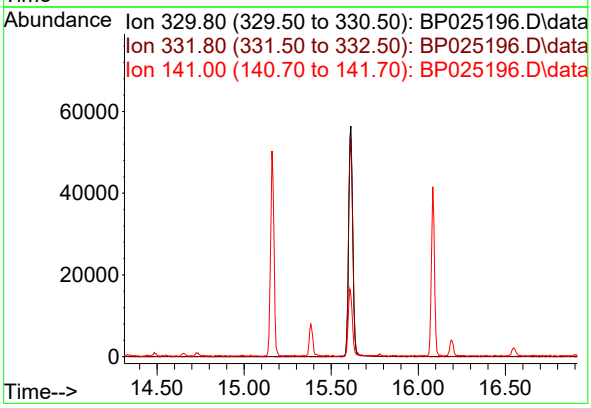


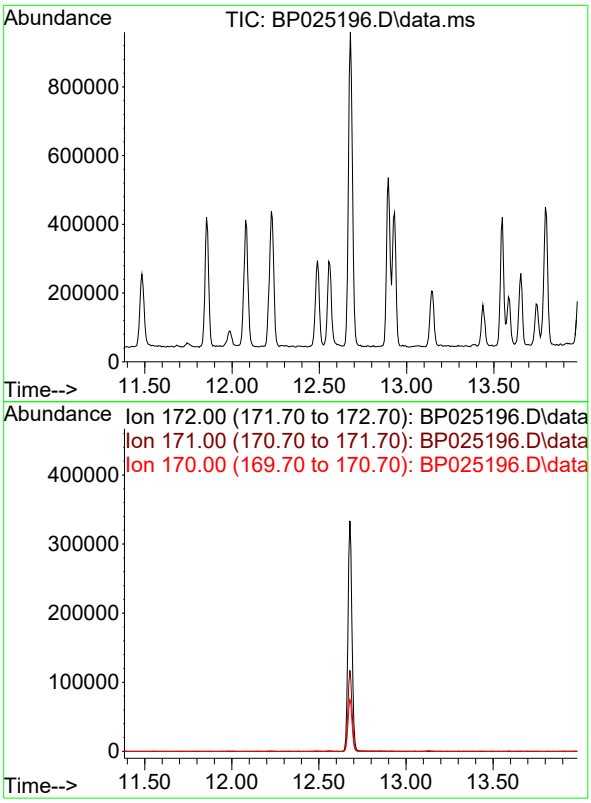
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.61 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	28.0





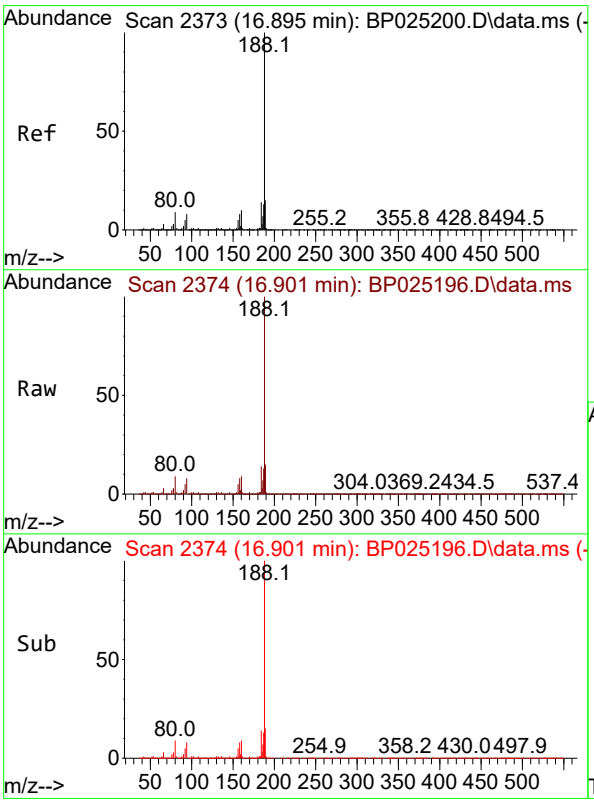
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.68 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

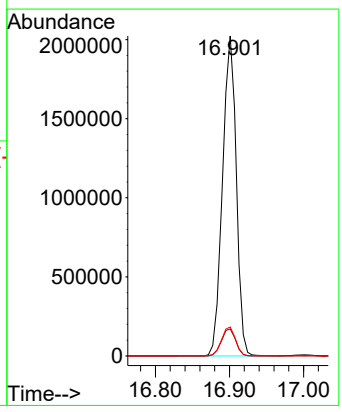
Sig	Exp Ratio
172	100
171	36.0
170	24.0

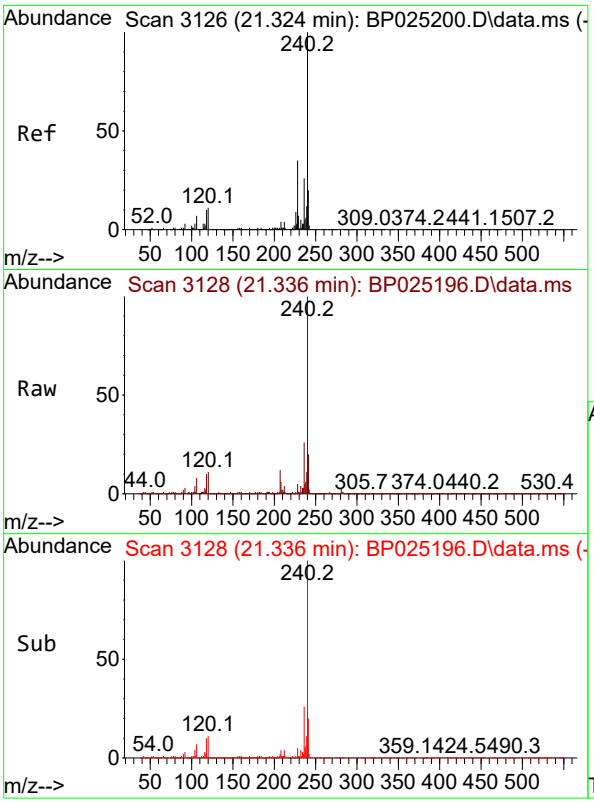


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion:188 Resp: 2604517

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.3	10.9



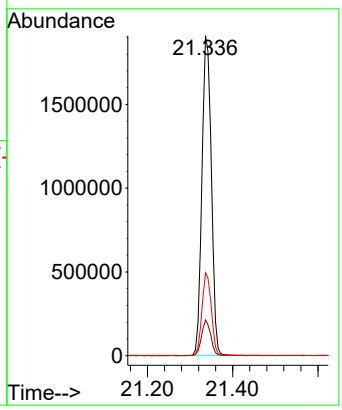


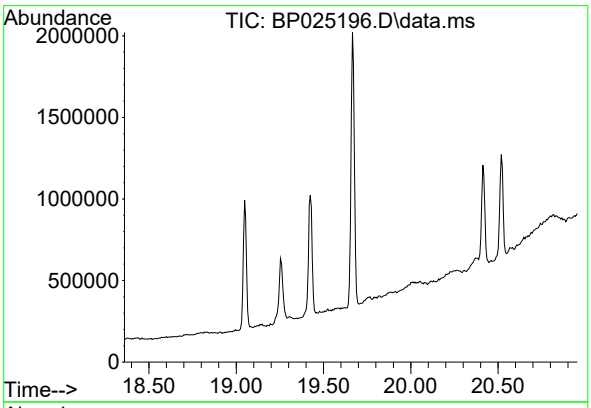
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 2930579

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.9	20.9	31.3



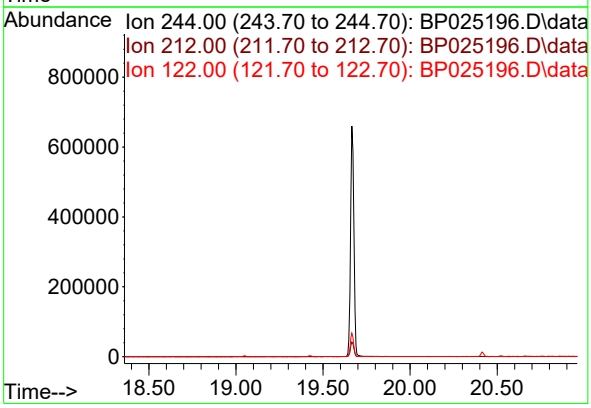


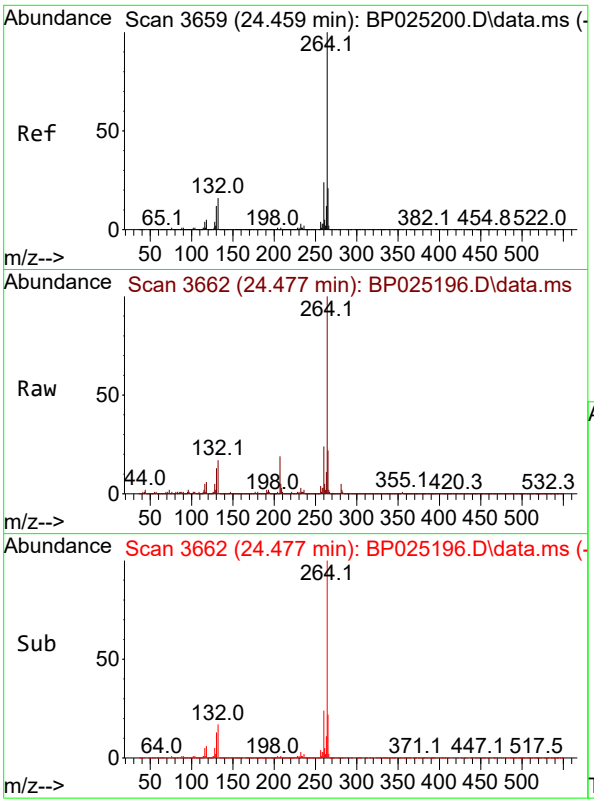
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.66 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	8.2
122	12.9



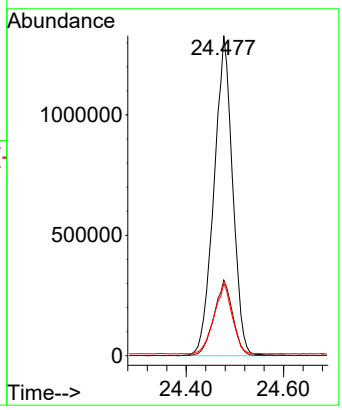


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 3527222

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.5	17.5	26.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	501148	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1993468	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1309068	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2636351	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2873366	20.000	ng	0.01
86) Perylene-d12	24.454	264	3311045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	306866	10.229	ng	0.00
7) Phenol-d6	6.631	99	369676	9.982	ng	0.00
23) Nitrobenzene-d5	8.560	82	366442	10.078	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	194693	10.002	ng	-0.01
45) 2-Fluorobiphenyl	12.678	172	1057796	10.698	ng	0.00
79) Terphenyl-d14	19.660	244	1736355	11.285	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	58261	5.168	ng	98
3) Pyridine	3.502	79	152389	5.103	ng	98
6) Aniline	6.778	93	240191	4.987	ng	100
8) 2-Chlorophenol	7.008	128	168204	4.983	ng	100
10) Phenol	6.655	94	191463	4.997	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	147992	5.030	ng	99
12) 1,3-Dichlorobenzene	7.325	146	195840	5.114	ng	100
13) 1,4-Dichlorobenzene	7.466	146	197217	5.103	ng	100
14) 1,2-Dichlorobenzene	7.772	146	192220	5.177	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	190207	5.040	ng	99
17) 2-Methylphenol	7.878	107	130912	4.939	ng	100
18) Hexachloroethane	8.484	117	66324	5.026	ng	96
19) n-Nitroso-di-n-propyla...	8.225	70	113871	5.102	ng	96
22) Acetophenone	8.237	105	238513	5.052	ng	99
24) Nitrobenzene	8.602	77	160535	4.982	ng	97
25) Isophorone	9.125	82	323606	5.082	ng	99
26) 2-Nitrophenol	9.302	139	86302	4.758	ng	96
27) 2,4-Dimethylphenol	9.378	122	152482	4.939	ng	96
28) bis(2-Chloroethoxy)met...	9.607	93	203537	5.091	ng	100
29) 2,4-Dichlorophenol	9.831	162	156480	4.941	ng	99
30) 1,2,4-Trichlorobenzene	10.043	180	178685	5.128	ng	99
31) Naphthalene	10.219	128	537289	5.175	ng	100
33) 4-Chloroaniline	10.337	127	227222	5.041	ng	99
34) Hexachlorobutadiene	10.519	225	106389	5.084	ng	99
36) 4-Chloro-3-methylphenol	11.478	107	156207	4.939	ng	99
37) 2-Methylnaphthalene	11.854	142	342320	5.098	ng	99
38) 1-Methylnaphthalene	12.078	142	365319	5.158	ng	100
40) 1,2,4,5-Tetrachloroben...	12.231	216	199889	5.042	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	127876	4.774	ng	98
44) 2,4,5-Trichlorophenol	12.554	196	143015	4.844	ng	99
46) 1,1'-Biphenyl	12.896	154	498351	5.148	ng	98
47) 2-Chloronaphthalene	12.931	162	384841	5.132	ng	99
48) 2-Nitroaniline	13.137	65	87405	4.646	ng	99
49) Acenaphthylene	13.790	152	618618	5.030	ng	100
50) Dimethylphthalate	13.543	163	495773	5.191	ng	99
51) 2,6-Dinitrotoluene	13.648	165	95645	4.731	ng	91

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.148	154	362769	5.121	ng	100
53) 3-Nitroaniline	13.984	138	107353	4.706	ng	96
55) Dibenzofuran	14.490	168	599358	5.225	ng	98
57) 2,4-Dinitrotoluene	14.448	165	129201	4.587	ng	97
58) Fluorene	15.154	166	480256	5.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	129817	4.967	ng	99
60) Diethylphthalate	14.948	149	487535	5.166	ng	100
61) 4-Chlorophenyl-phenyle...	15.154	204	242941	5.269	ng	99
62) 4-Nitroaniline	15.160	138	109472	4.709	ng	98
63) Azobenzene	15.460	77	379326	5.004	ng	97
66) n-Nitrosodiphenylamine	15.384	169	419927	5.115	ng	100
67) 4-Bromophenyl-phenylether	16.084	248	154137	4.959	ng	100
68) Hexachlorobenzene	16.189	284	186075	5.013	ng	96
69) Atrazine	16.366	200	146525	4.896	ng	98
71) Phenanthrene	16.936	178	763302	5.196	ng	99
72) Anthracene	17.031	178	751628	5.040	ng	99
73) Carbazole	17.313	167	721457	5.085	ng	99
74) Di-n-butylphthalate	17.942	149	832835	5.006	ng	99
75) Fluoranthene	19.048	202	889535	5.122	ng	99
78) Pyrene	19.425	202	945415	5.177	ng	99
80) Butylbenzylphthalate	20.407	149	400726	4.973	ng	98
81) Benzo(a)anthracene	21.319	228	961933	5.147	ng	99
83) Chrysene	21.377	228	900450	5.166	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	594951	5.064	ng	98
87) Indeno(1,2,3-cd)pyrene	27.971	276	1239593m	5.093	ng	
88) Benzo(b)fluoranthene	23.466	252	993434	5.145	ng	99
89) Benzo(k)fluoranthene	23.536	252	985473	5.140	ng	99
90) Benzo(a)pyrene	24.307	252	947324	5.054	ng	99
91) Dibenzo(a,h)anthracene	28.042	278	1006331	5.042	ng	98
92) Benzo(g,h,i)perylene	29.036	276	1002521	5.127	ng	99

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

ICAL Form

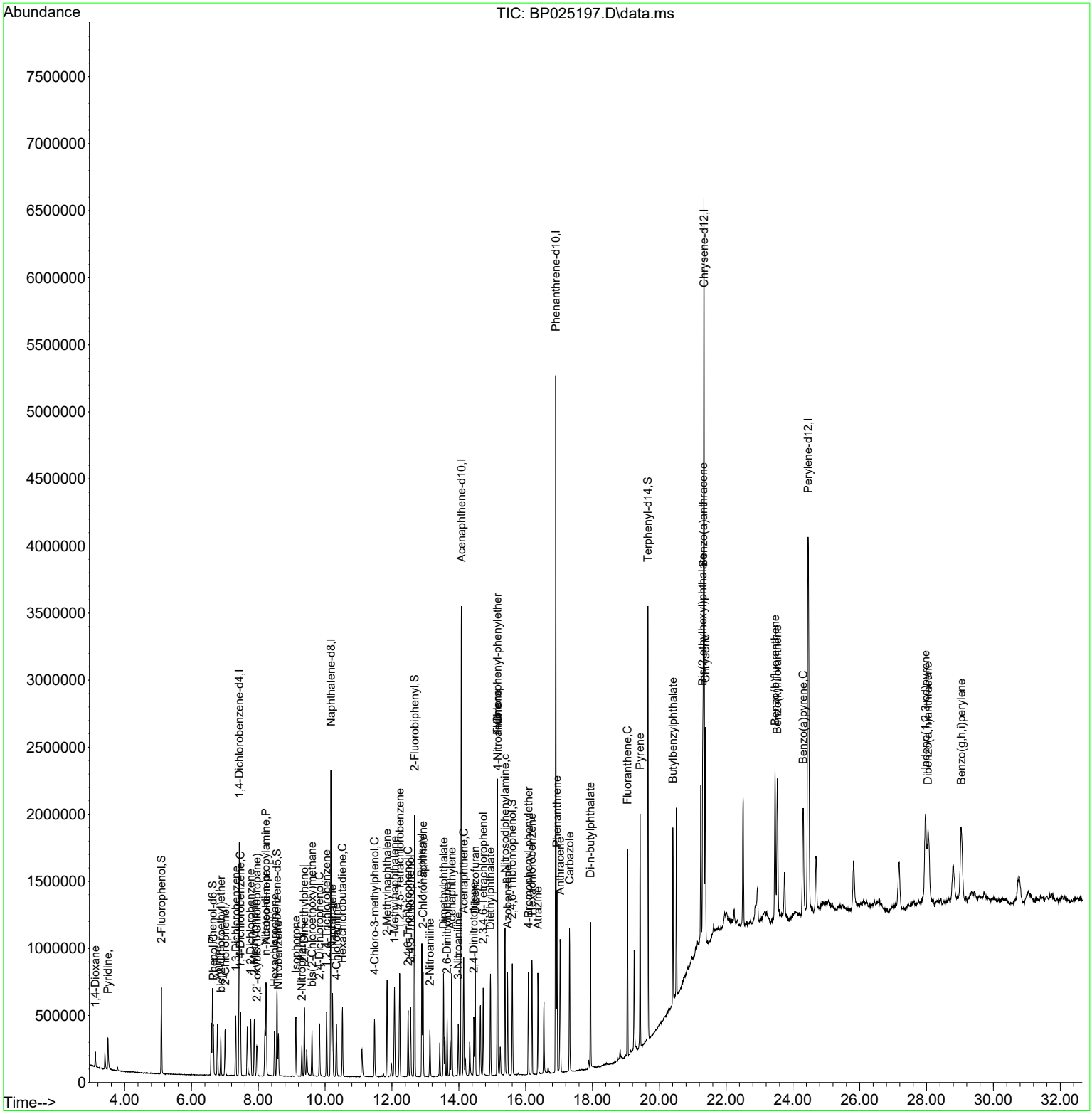
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Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

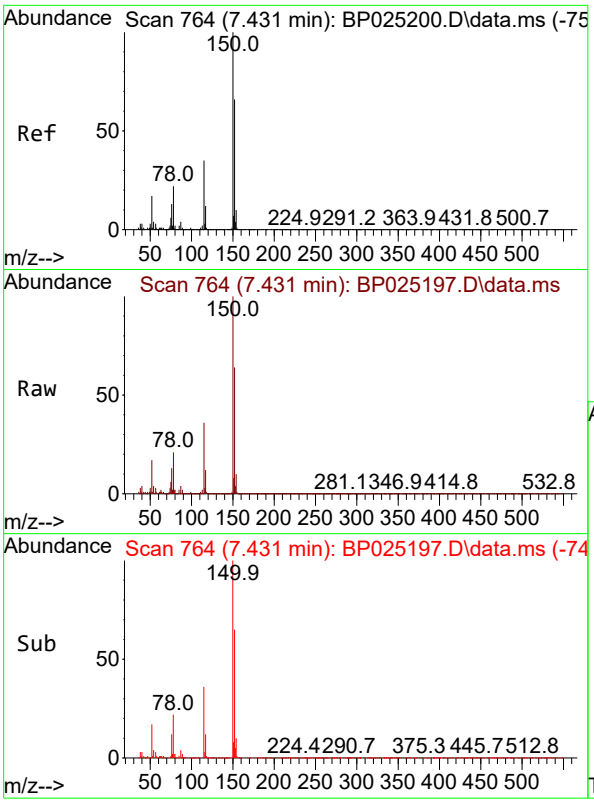
Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

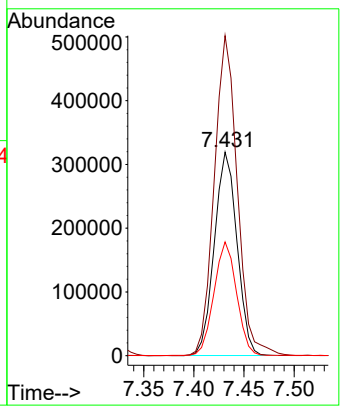




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:152 Resp: 50114

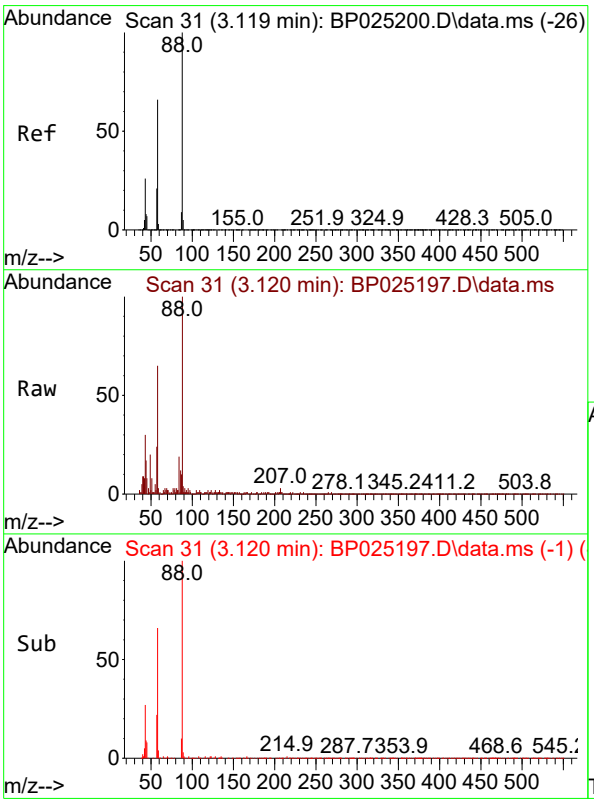
Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.9	182.9
115	55.9	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

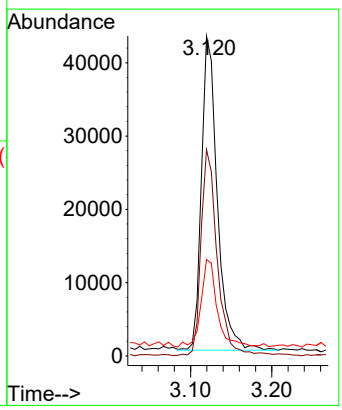
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

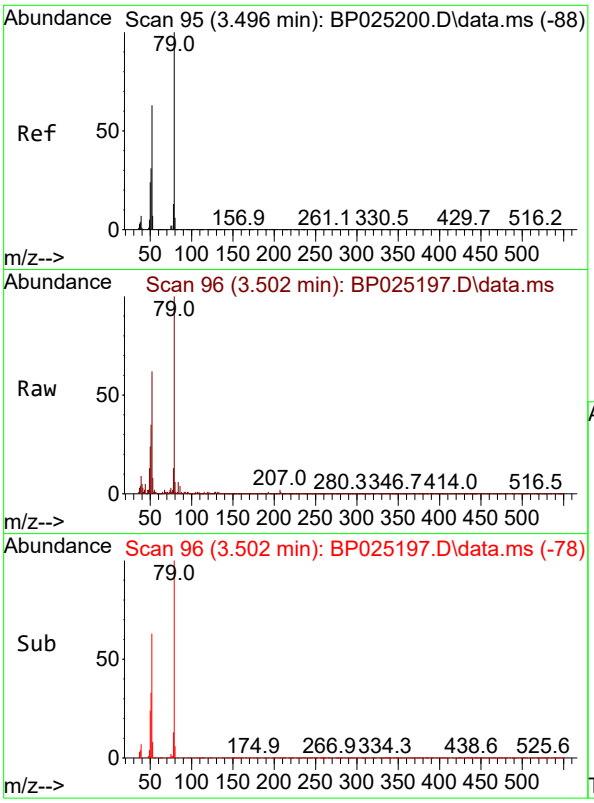


#2
1,4-Dioxane
Concen: 5.168 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 88 Resp: 58261

Ion	Ratio	Lower	Upper
88	100		
58	66.5	53.5	80.3
43	28.5	20.8	31.2

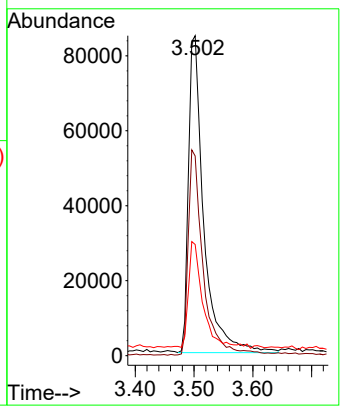




#3
Pyridine
Concen: 5.103 ng
RT: 3.502 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 79 Resp: 15238

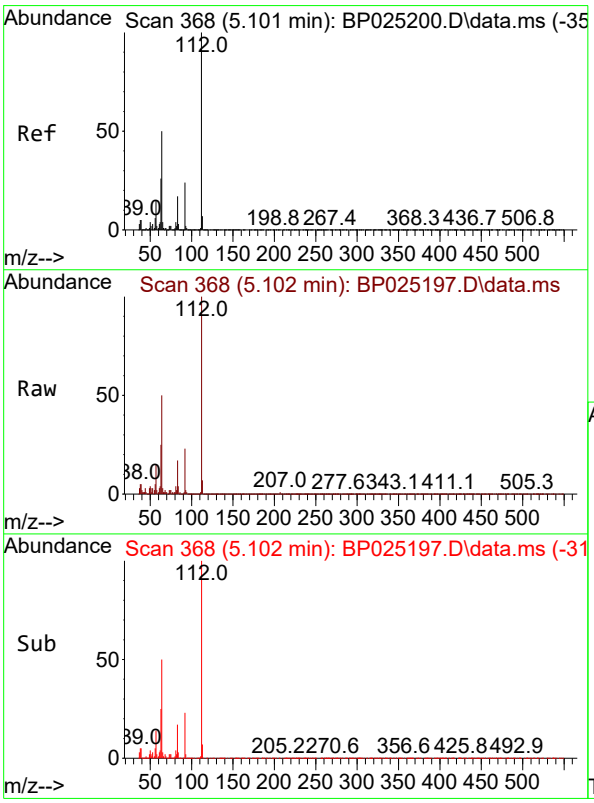
Ion	Ratio	Lower	Upper
79	100		
52	62.4	50.2	75.4
51	34.7	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

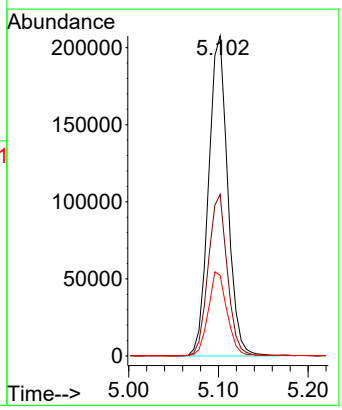
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

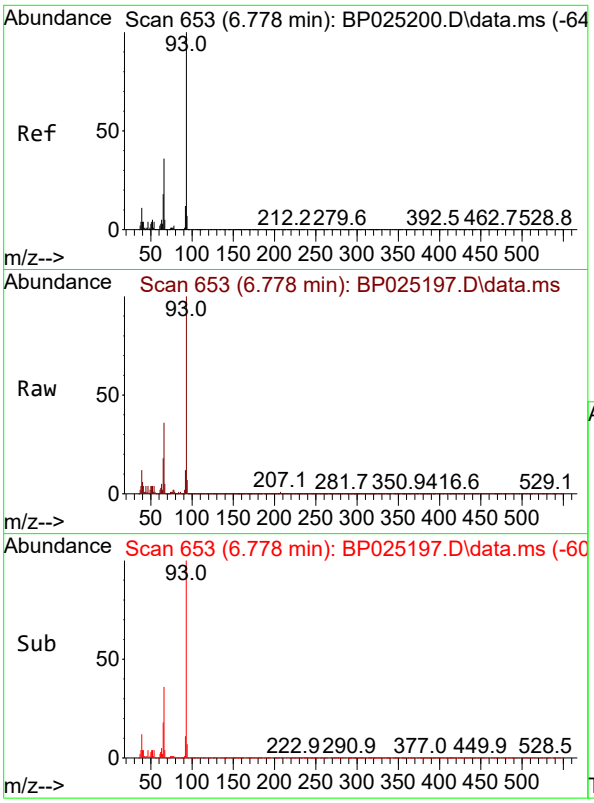


#5
2-Fluorophenol
Concen: 10.229 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:112 Resp: 306866

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.8	59.6
63	25.2	20.5	30.7

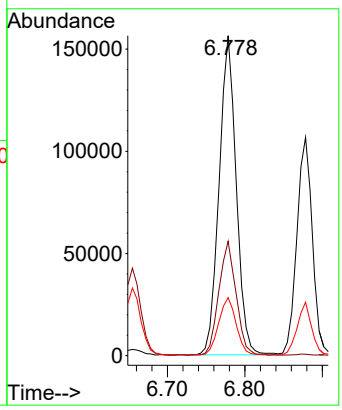




#6
Aniline
Concen: 4.987 ng
RT: 6.778 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 24019

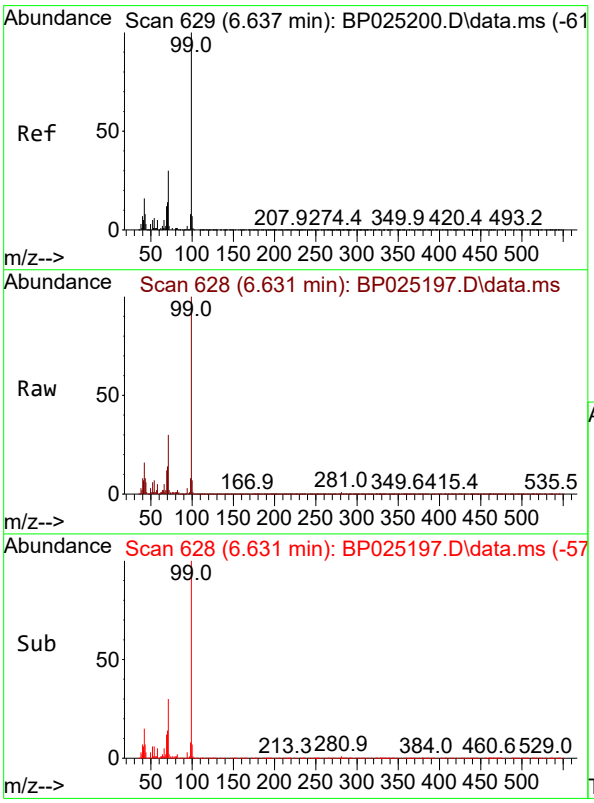
Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.1	14.6	21.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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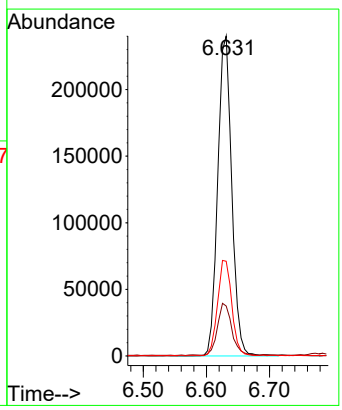
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

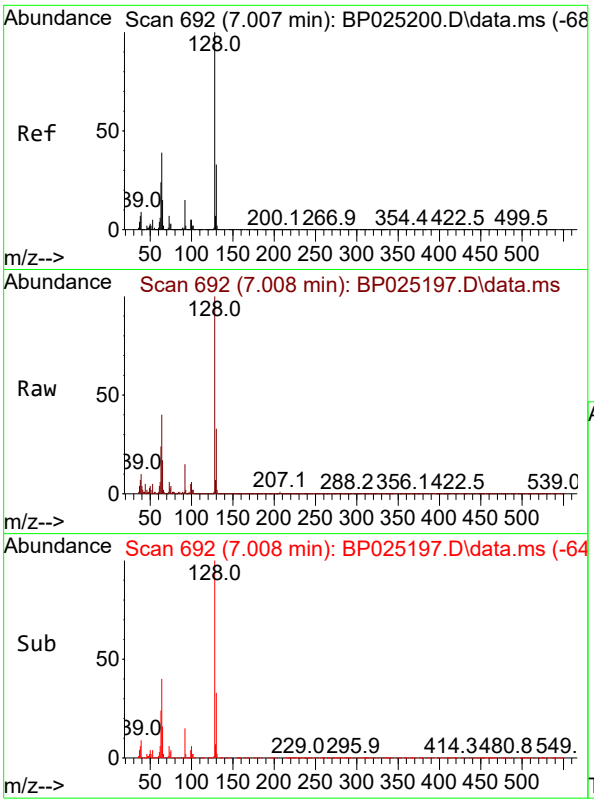


#7
Phenol-d6
Concen: 9.982 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 99 Resp: 369676

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	29.6	24.2	36.2

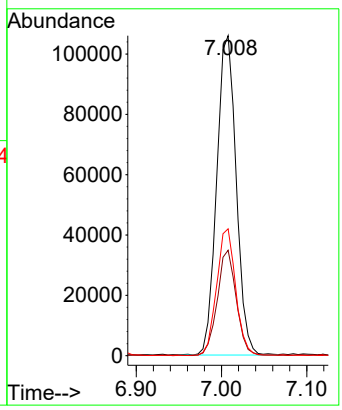




#8
2-Chlorophenol
Concen: 4.983 ng
RT: 7.008 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:128 Resp: 16820

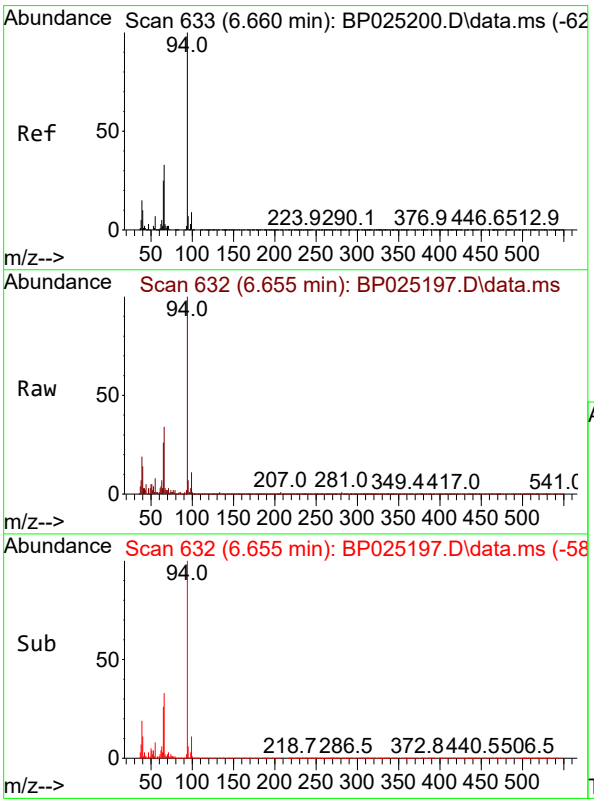
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	39.6	19.2	59.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

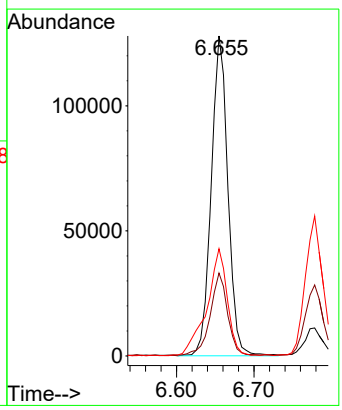
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

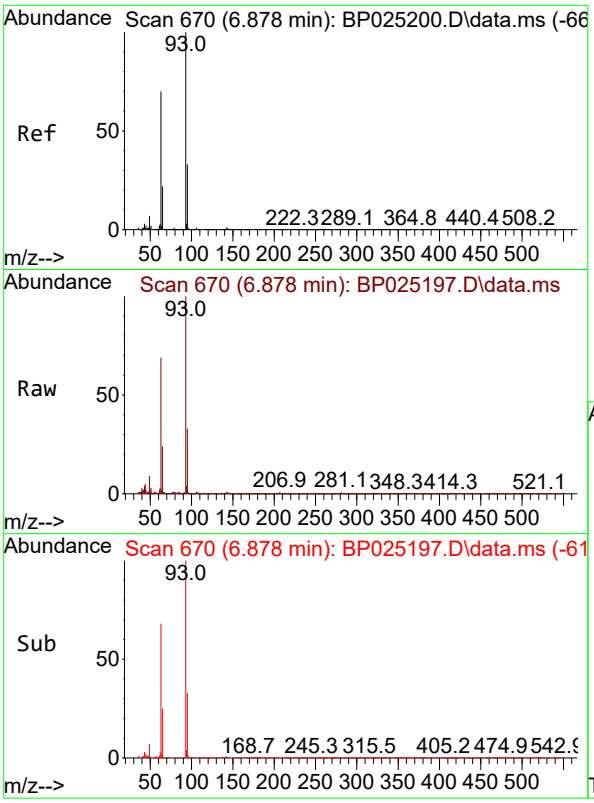


#10
Phenol
Concen: 4.997 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 94 Resp: 191463

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.4	45.4
66	33.5	13.5	53.5

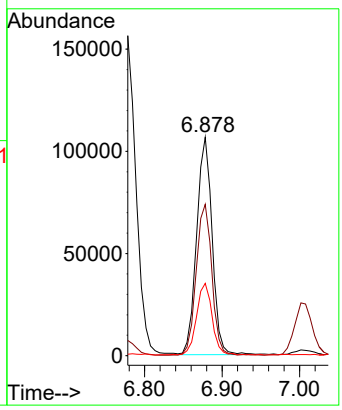




#11
bis(2-Chloroethyl)ether
Concen: 5.030 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 14799

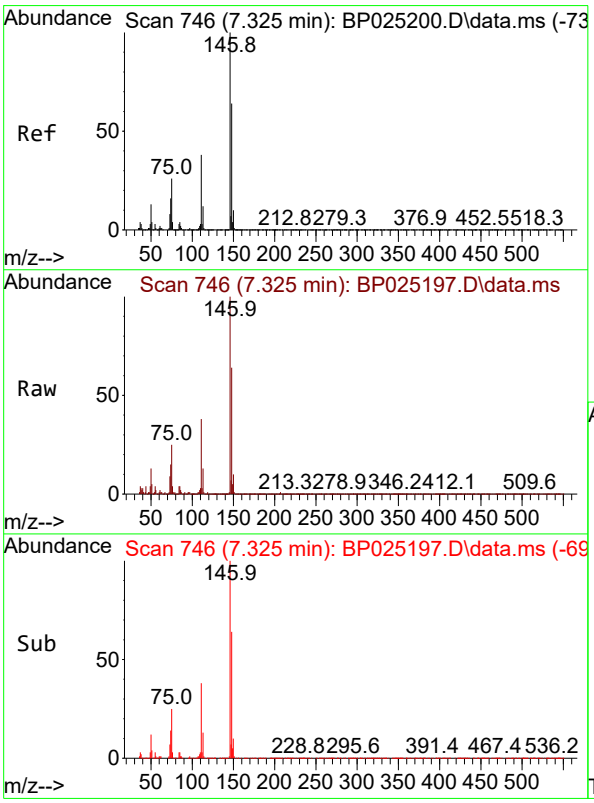
Ion	Ratio	Lower	Upper
93	100		
63	69.3	50.0	90.0
95	33.1	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

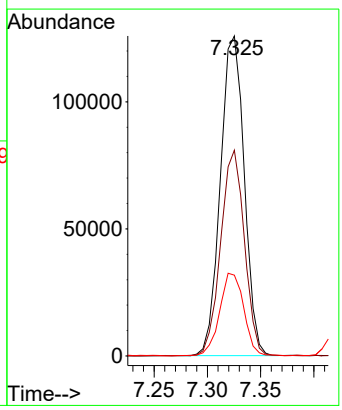
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

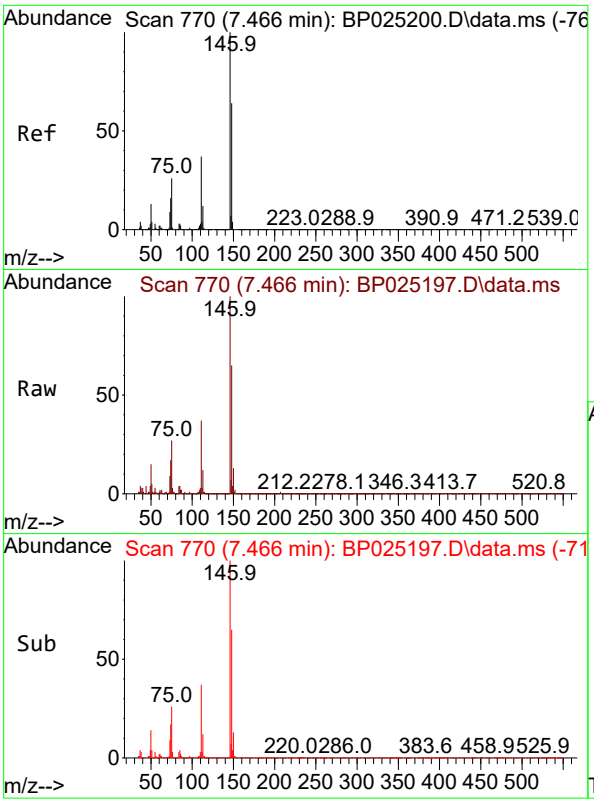


#12
1,3-Dichlorobenzene
Concen: 5.114 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 195840

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	25.2	20.6	31.0

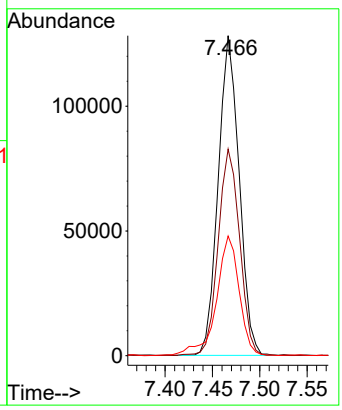




#13
1,4-Dichlorobenzene
Concen: 5.103 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 19721

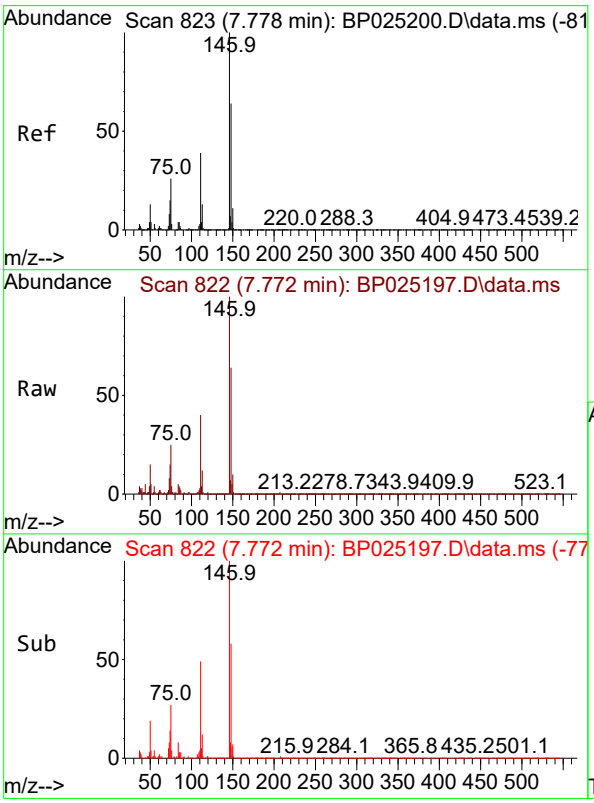
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	37.4	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

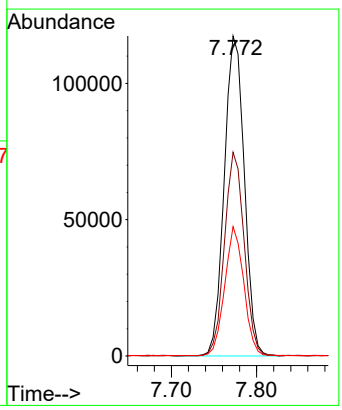
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

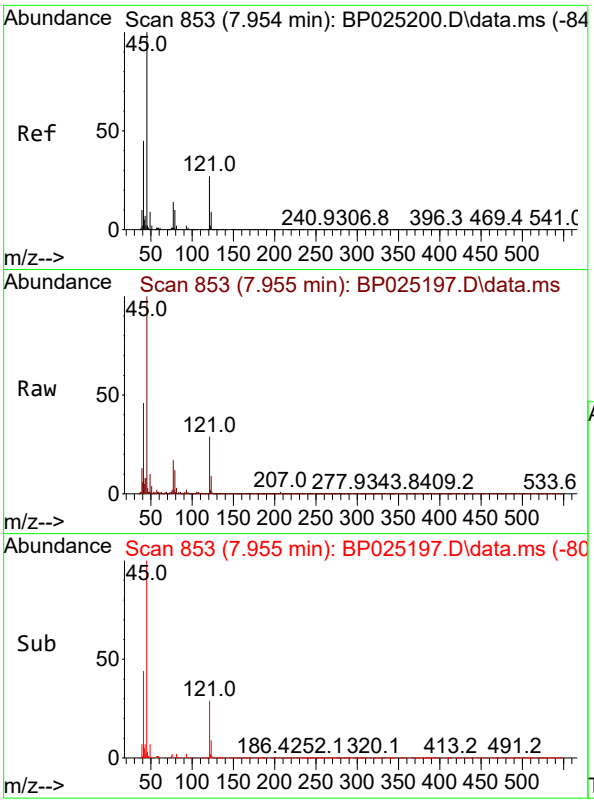


#14
1,2-Dichlorobenzene
Concen: 5.177 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 192220

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	40.4	31.3	46.9

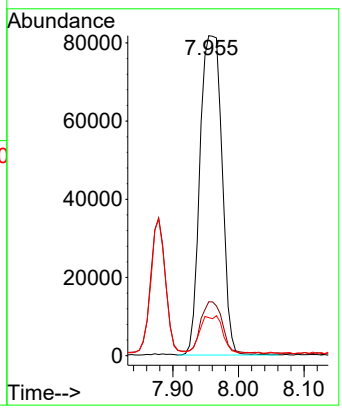




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.040 ng
RT: 7.955 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 45 Resp: 19020

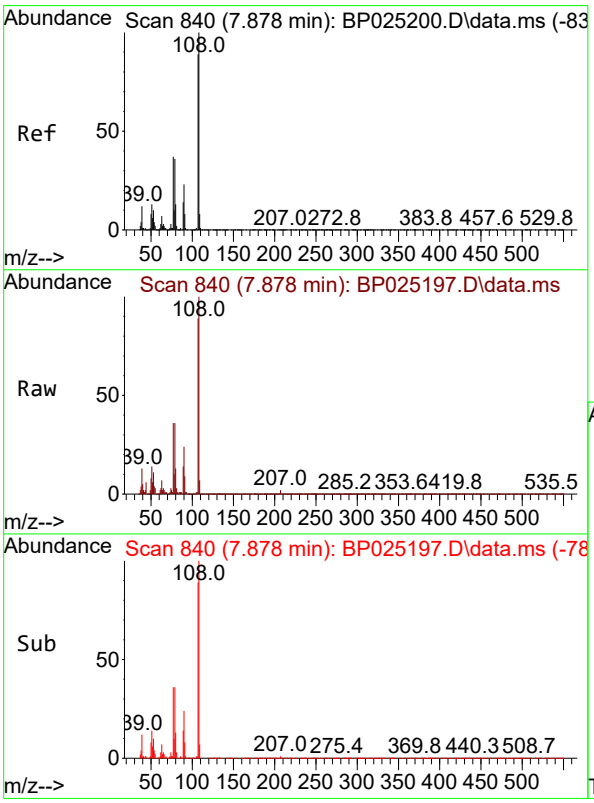
Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.0
79	11.9	0.0	31.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

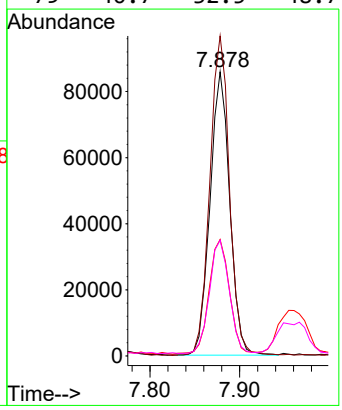
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

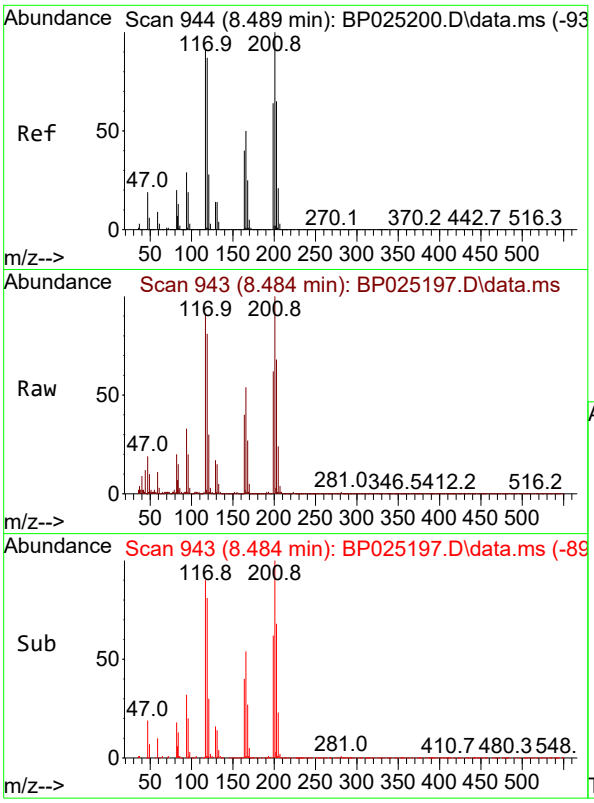


#17
2-Methylphenol
Concen: 4.939 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 130912

Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.8	134.8
77	41.0	33.2	49.8
79	40.7	32.5	48.7

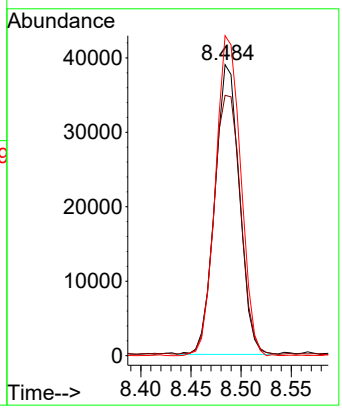




#18
Hexachloroethane
Concen: 5.026 ng
RT: 8.484 min Scan# 94
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:117 Resp: 6632

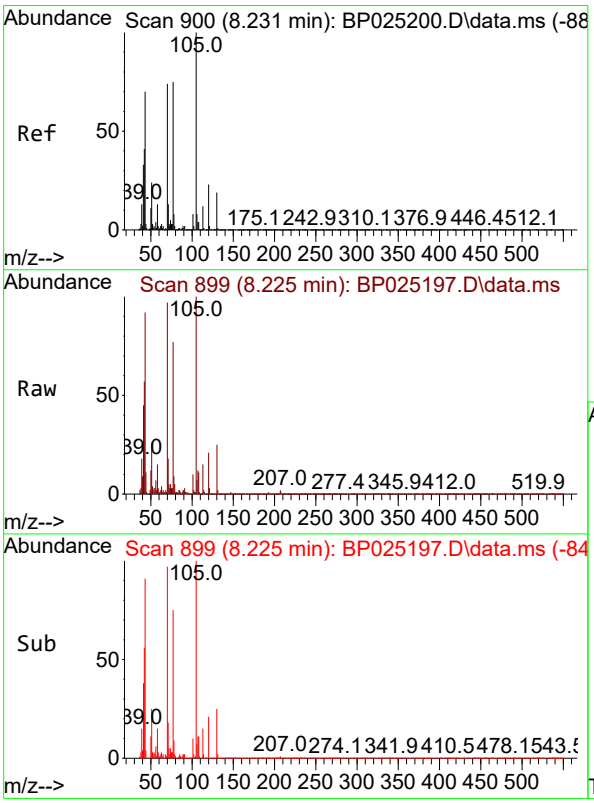
Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.0	115.6
201	109.9	88.3	132.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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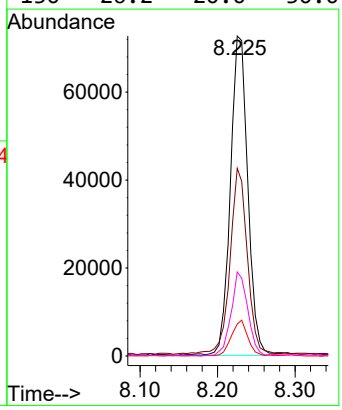
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

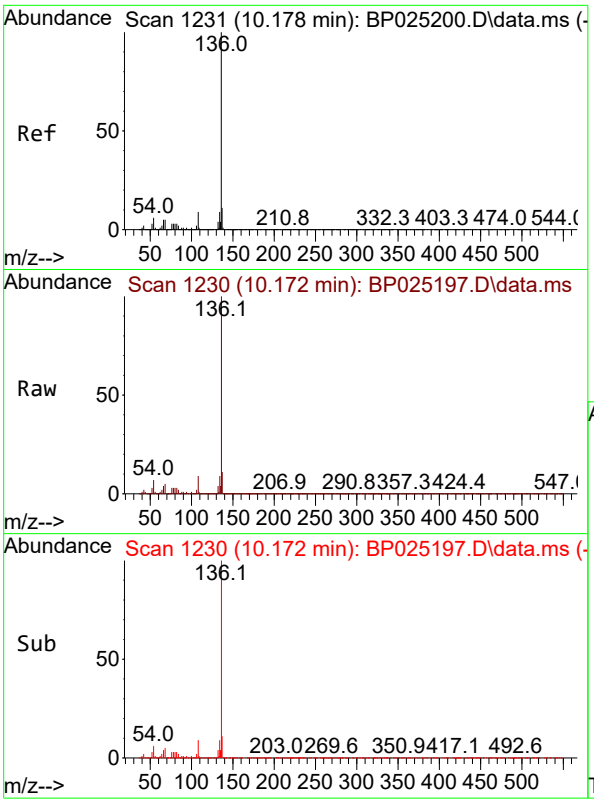


#19
n-Nitroso-di-n-propylamine
Concen: 5.102 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 70 Resp: 113871

Ion	Ratio	Lower	Upper
70	100		
42	58.7	44.2	66.2
101	9.9	8.6	12.8
130	26.2	20.0	30.0

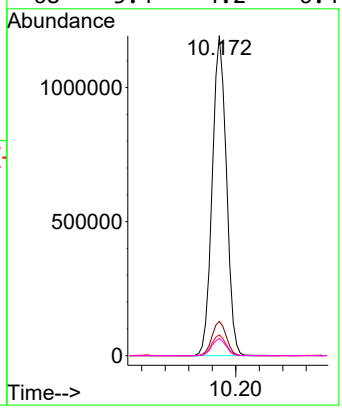




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:136 Resp: 199346

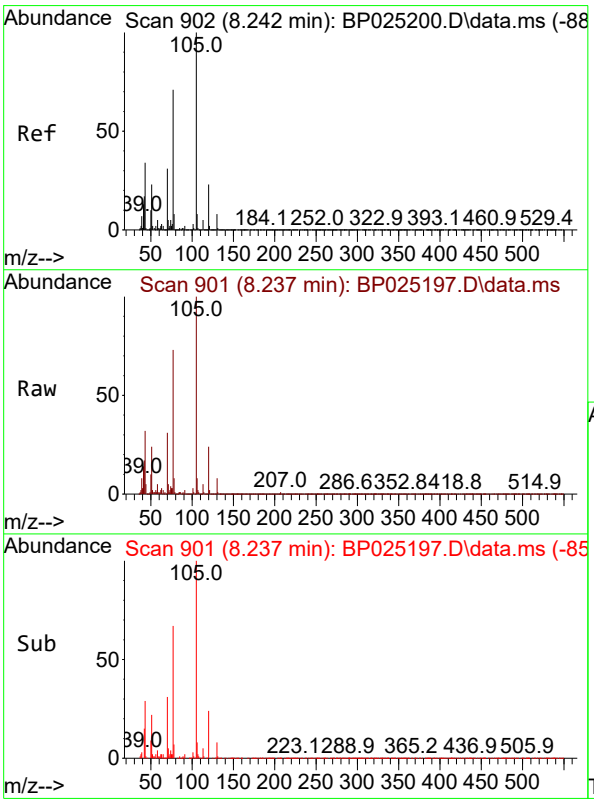
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.1	7.7
68	5.4	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

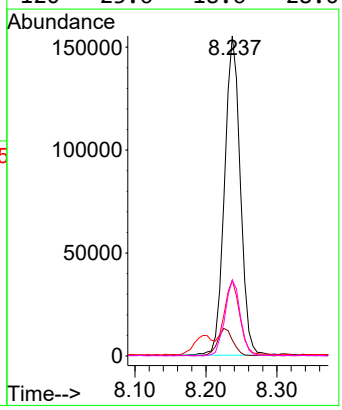
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

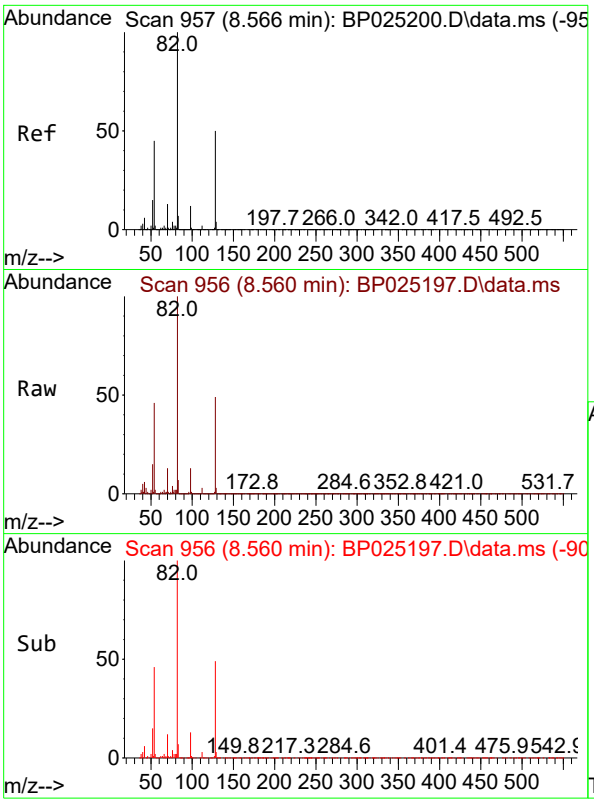


#22
Acetophenone
Concen: 5.052 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:105 Resp: 238513

Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.1	6.1
51	23.7	18.5	27.7
120	23.6	18.6	28.0

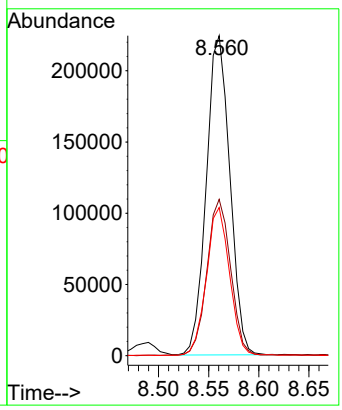




#23
Nitrobenzene-d5
Concen: 10.078 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 82 Resp: 36644

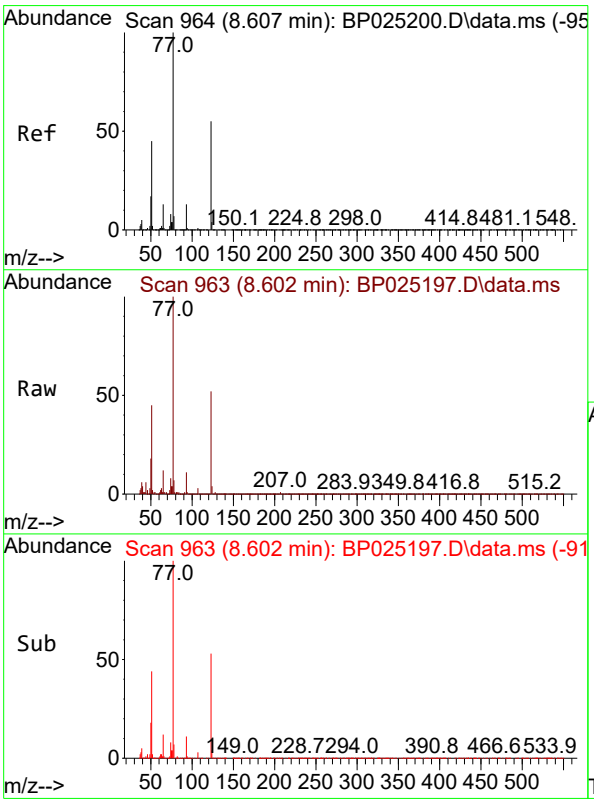
Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.2	60.4
54	46.3	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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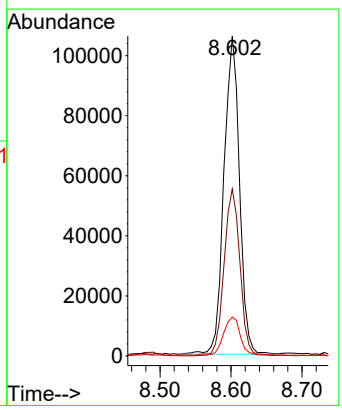
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

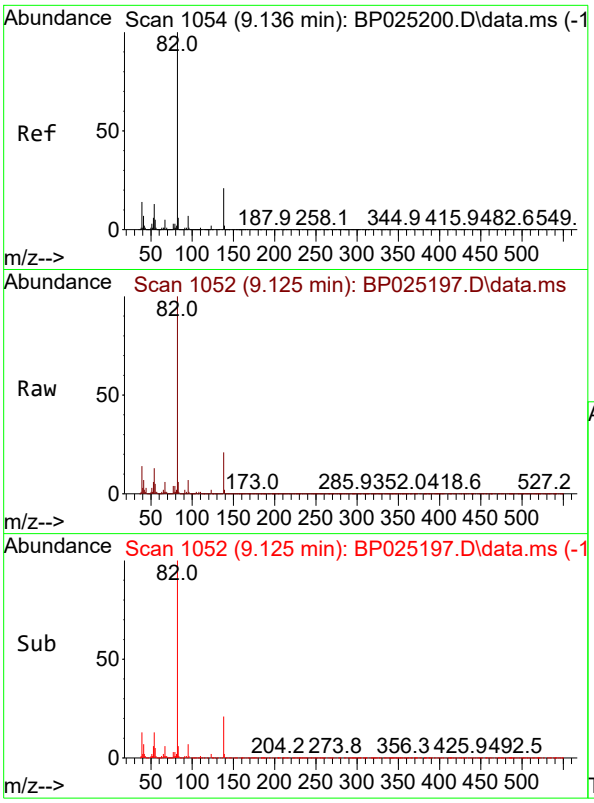


#24
Nitrobenzene
Concen: 4.982 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 77 Resp: 160535

Ion	Ratio	Lower	Upper
77	100		
123	52.2	43.6	65.4
65	12.2	10.2	15.2

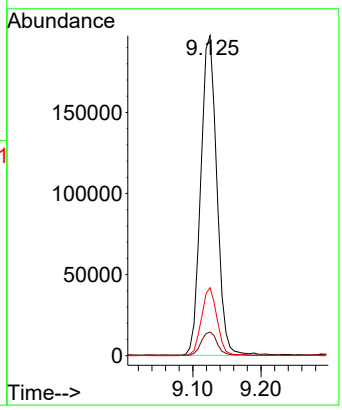




#25
Isophorone
Concen: 5.082 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 82 Resp: 32360

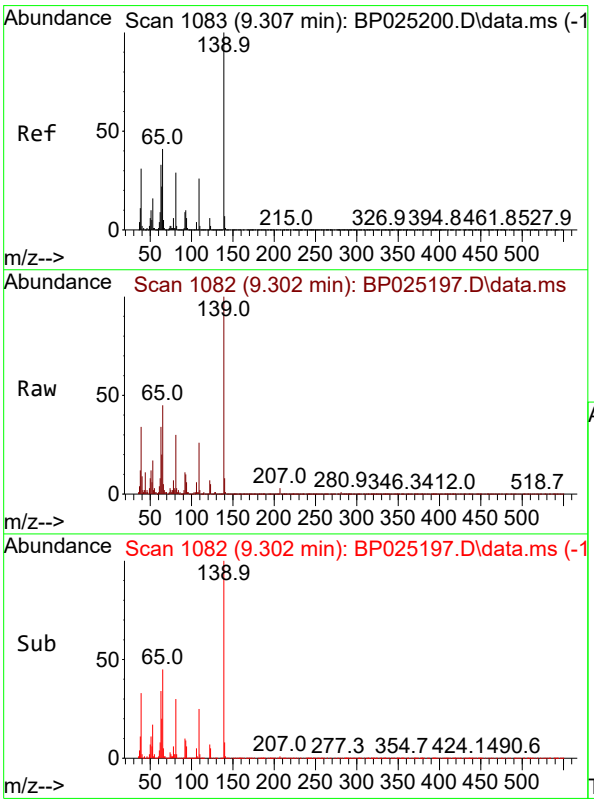
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.6	8.4
138	21.3	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

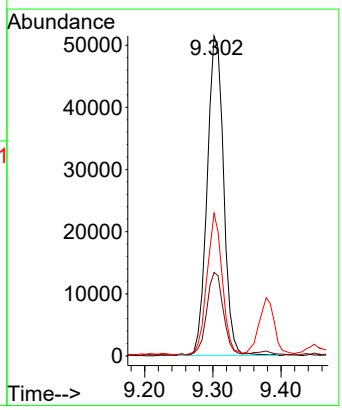
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

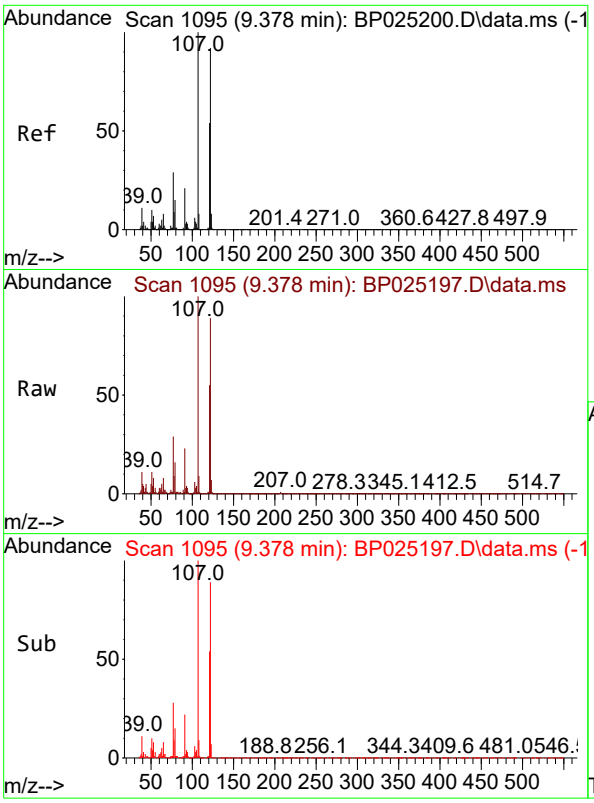


#26
2-Nitrophenol
Concen: 4.758 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:139 Resp: 86302

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.0	31.6
65	44.6	32.7	49.1

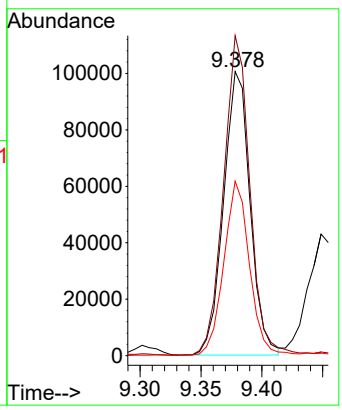




#27
2,4-Dimethylphenol
Concen: 4.939 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:122 Resp: 15248

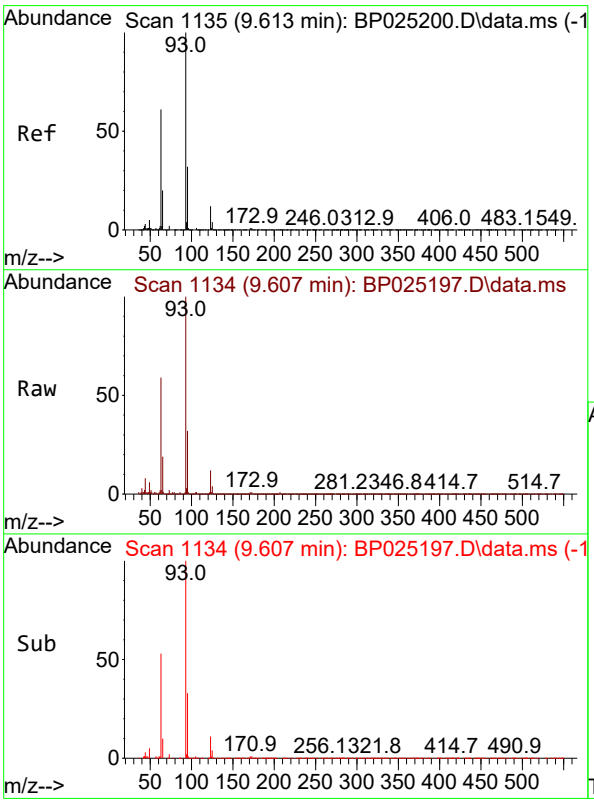
Ion	Ratio	Lower	Upper
122	100		
107	112.6	87.0	130.4
121	61.5	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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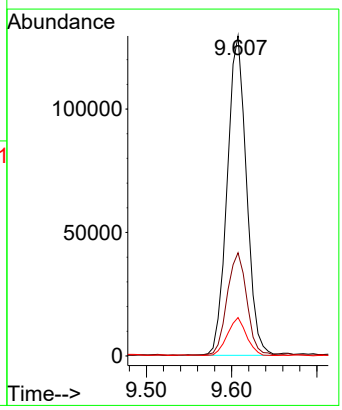
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

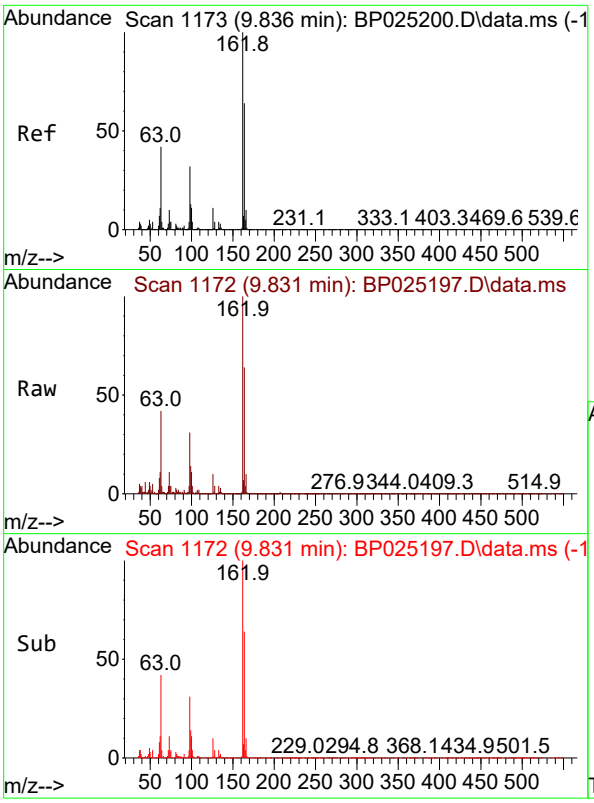


#28
bis(2-Chloroethoxy)methane
Concen: 5.091 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 203537

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	12.0	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 4.941 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

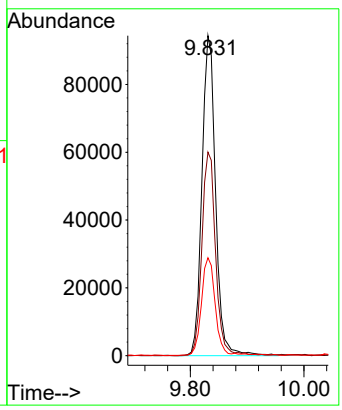
Tgt Ion:162 Resp: 15648

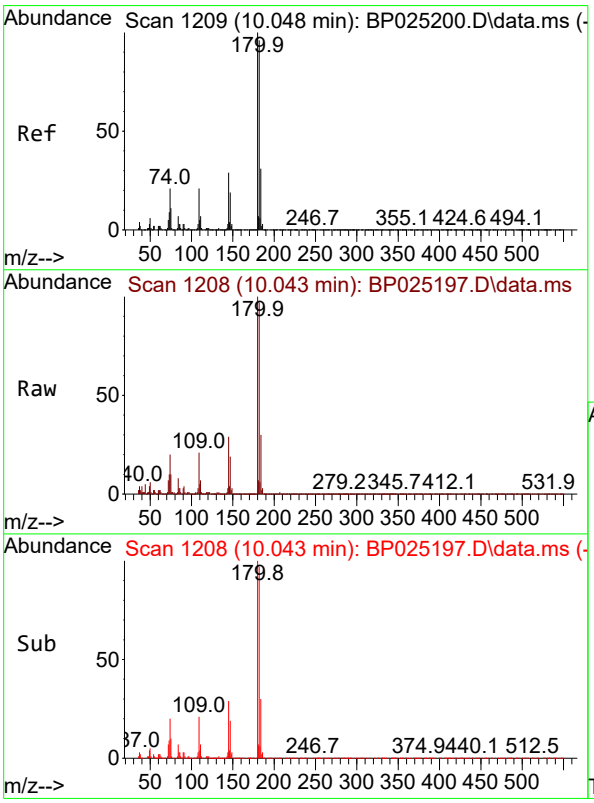
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	30.6	11.7	51.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

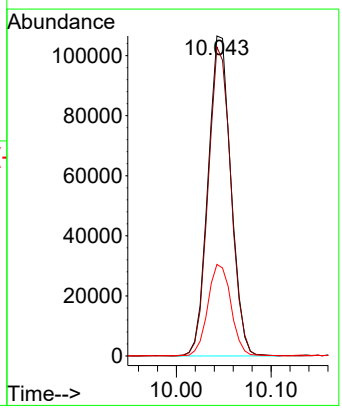


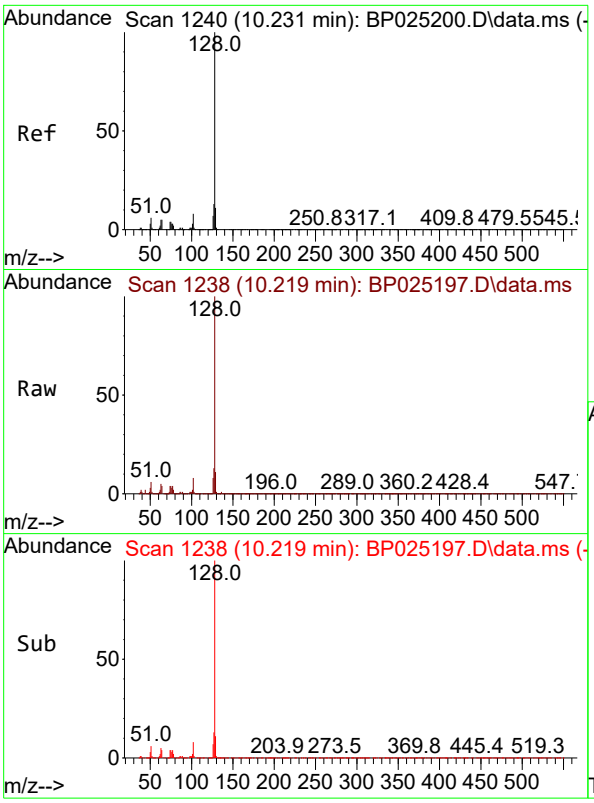


#30
1,2,4-Trichlorobenzene
Concen: 5.128 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:180 Resp: 178685

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.7	115.1
145	28.6	23.5	35.3

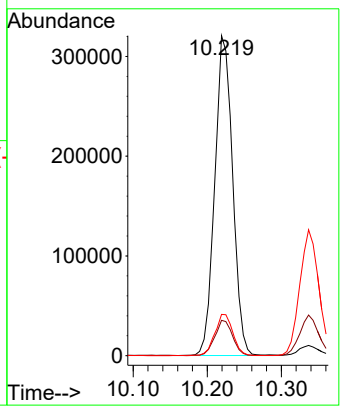




#31
Naphthalene
Concen: 5.175 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:128 Resp: 53728

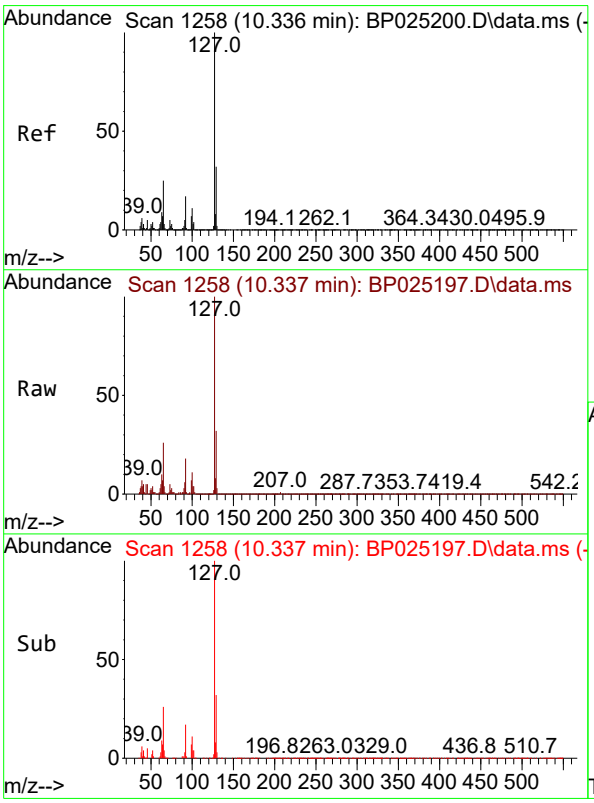
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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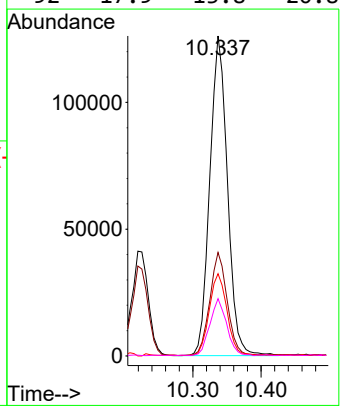
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

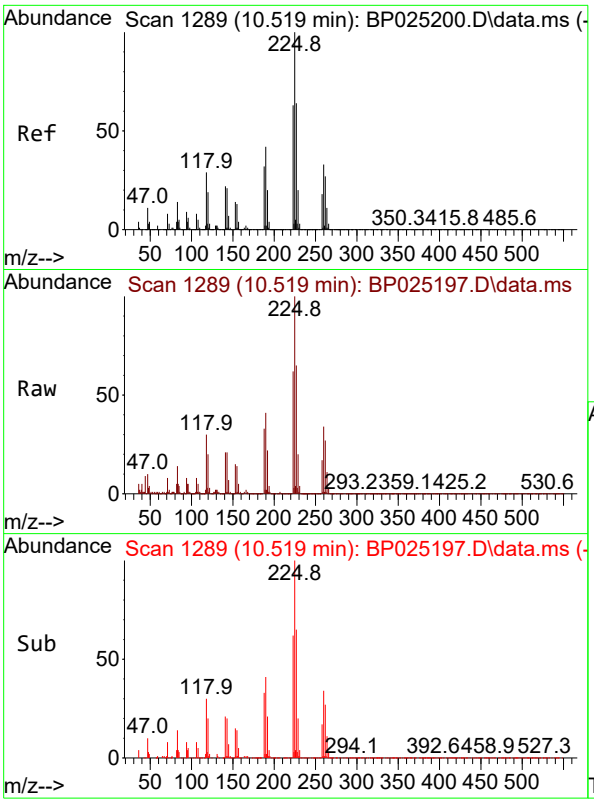


#33
4-Chloroaniline
Concen: 5.041 ng
RT: 10.337 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:127 Resp: 227222

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	25.7	20.2	30.4
92	17.9	13.8	20.8

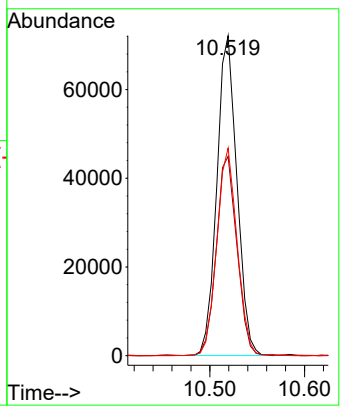




#34
Hexachlorobutadiene
Concen: 5.084 ng
RT: 10.519 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:225 Resp: 10638

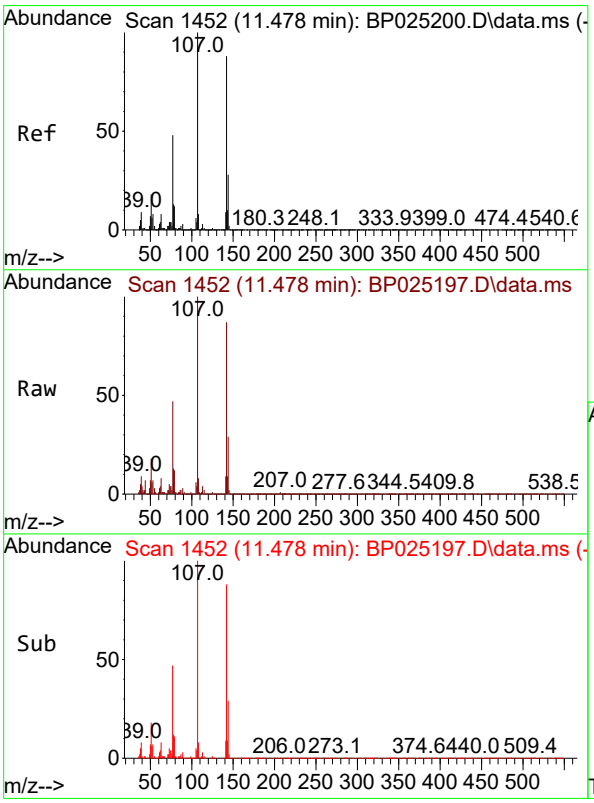
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	64.9	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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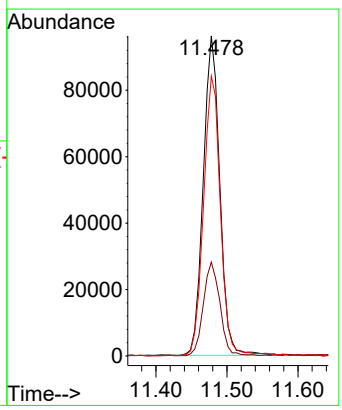
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

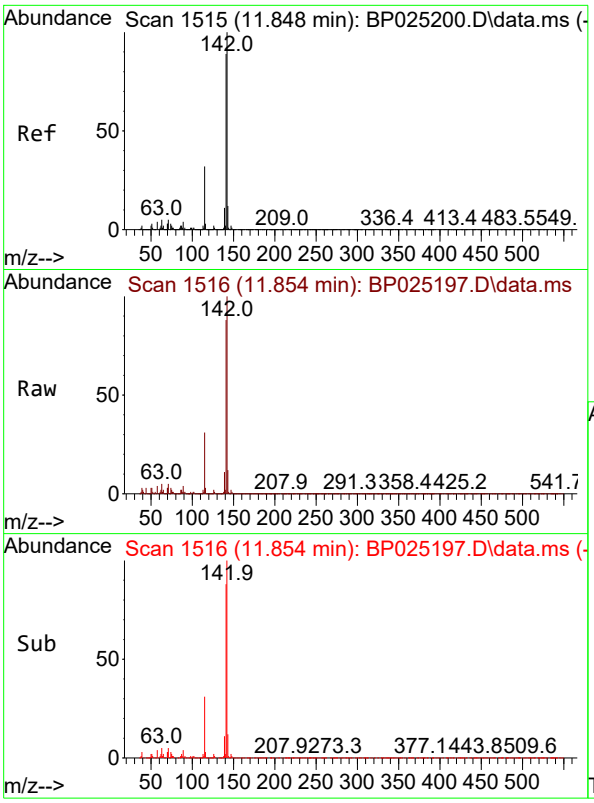


#36
4-Chloro-3-methylphenol
Concen: 4.939 ng
RT: 11.478 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 156207

Ion	Ratio	Lower	Upper
107	100		
144	29.3	22.5	33.7
142	87.5	70.6	105.8

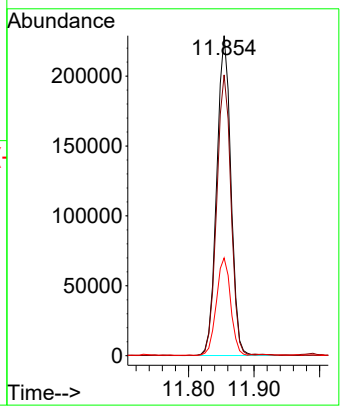




#37
2-Methylnaphthalene
Concen: 5.098 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:142 Resp: 34232

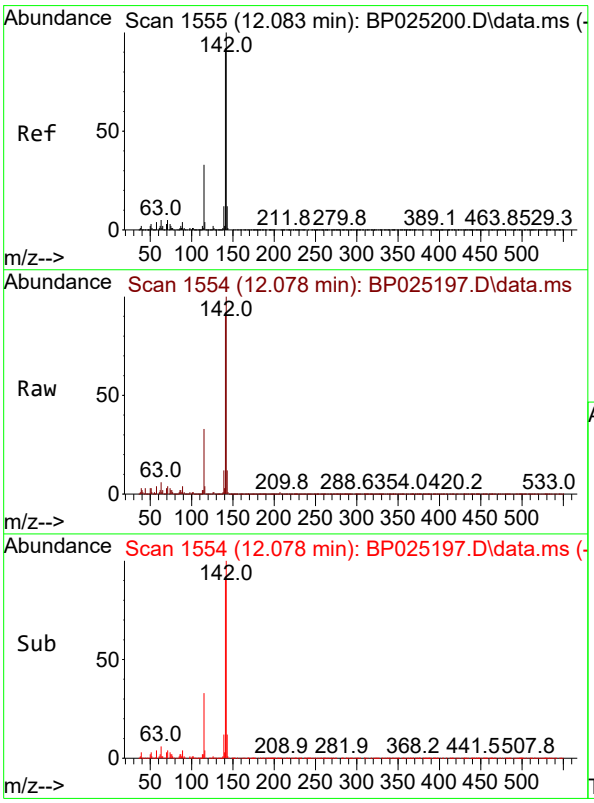
Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.2	106.8
115	30.6	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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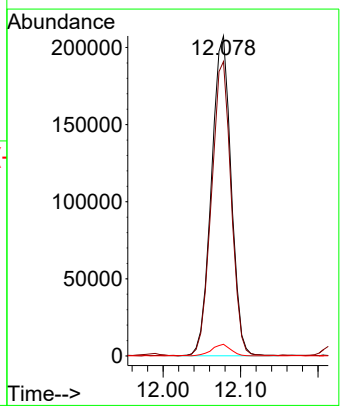
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

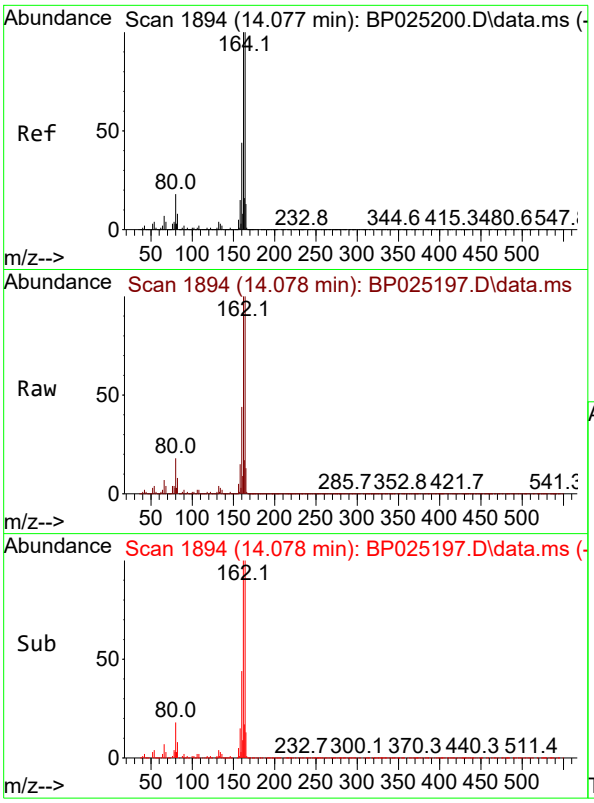


#38
1-Methylnaphthalene
Concen: 5.158 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:142 Resp: 365319

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	3.6	2.8	4.2

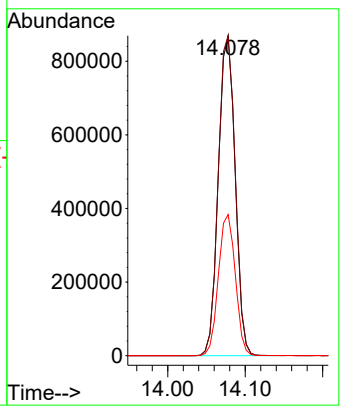




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:164 Resp: 130906

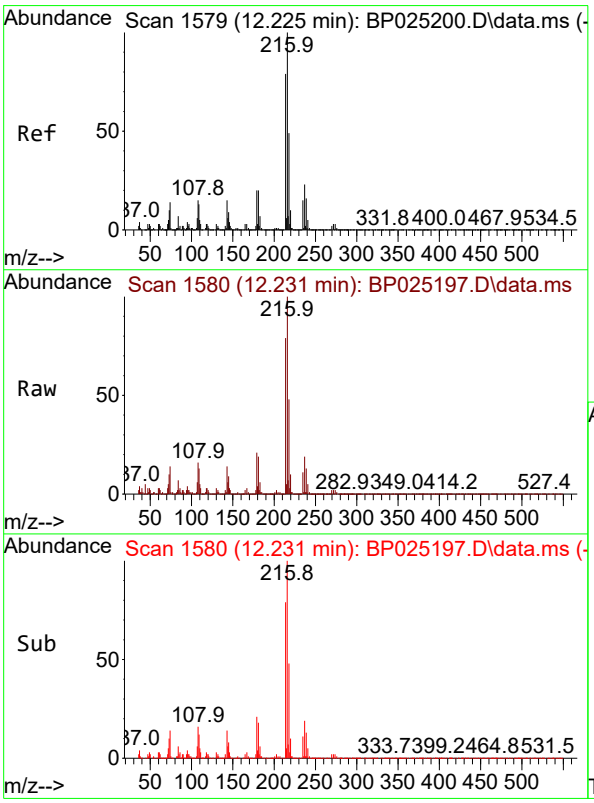
Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	44.1	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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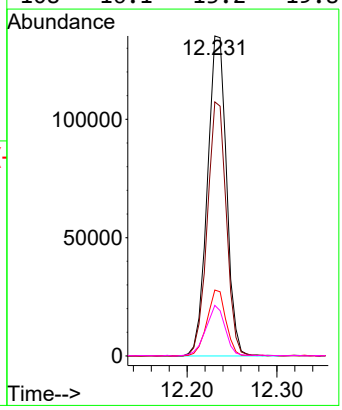
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

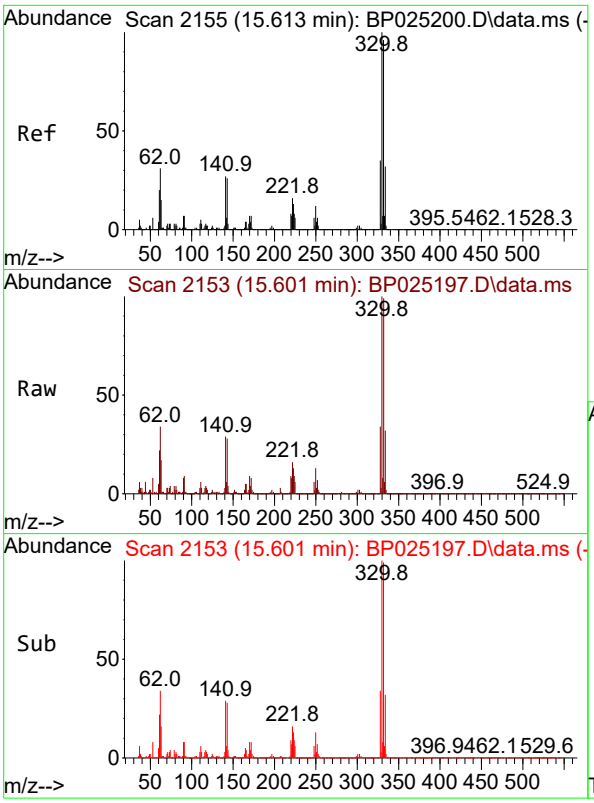


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.042 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:216 Resp: 199889

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.7	94.1
179	20.5	16.2	24.4
108	16.1	13.2	19.8

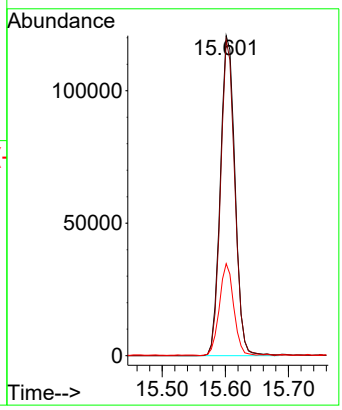




#42
2,4,6-Tribromophenol
Concen: 10.002 ng
RT: 15.601 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:330 Resp: 19469

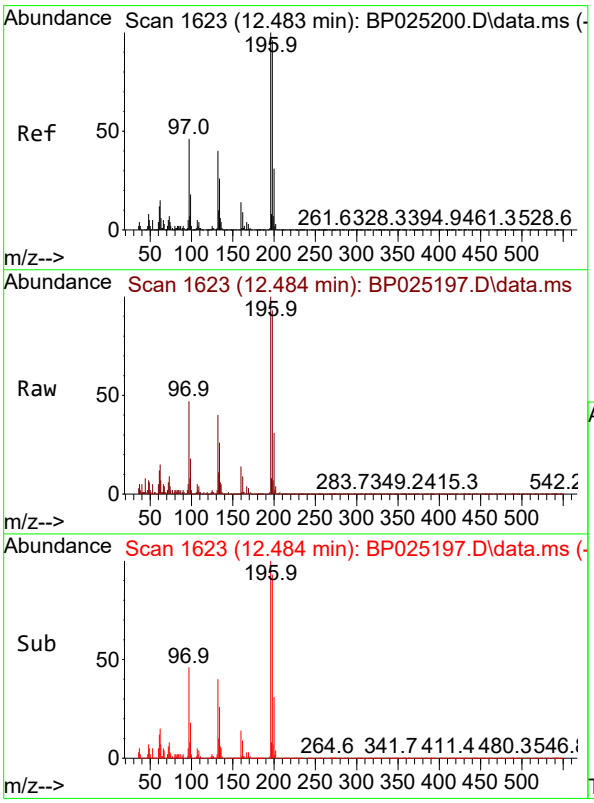
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	28.3	22.4	33.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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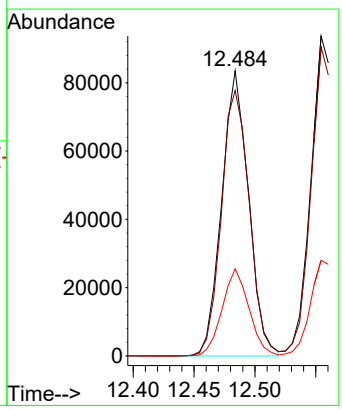
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

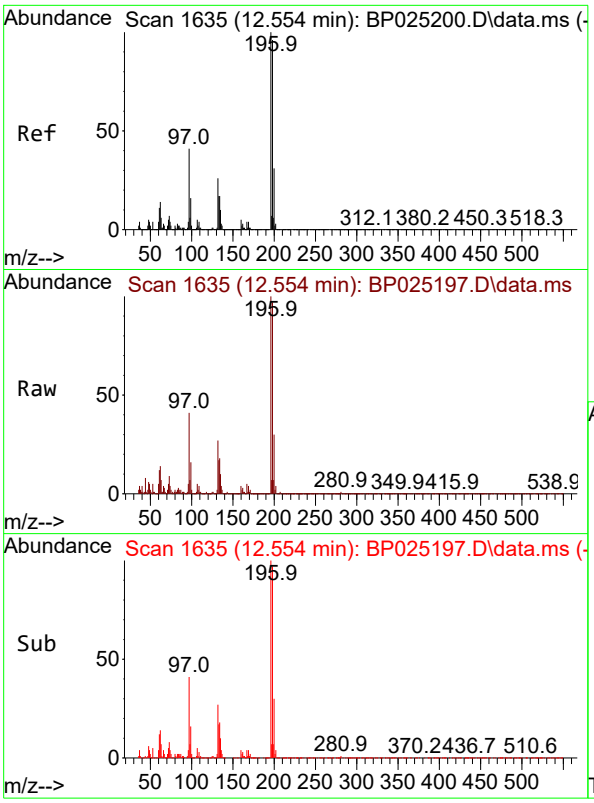


#43
2,4,6-Trichlorophenol
Concen: 4.774 ng
RT: 12.484 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:196 Resp: 127876

Ion	Ratio	Lower	Upper
196	100		
198	93.1	76.6	114.8
200	30.6	24.7	37.1

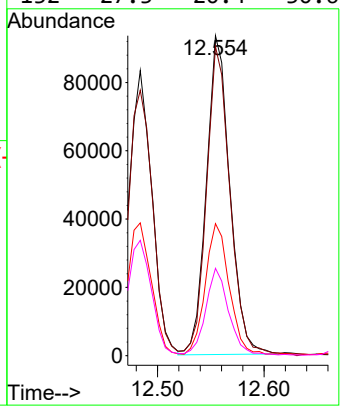




#44
2,4,5-Trichlorophenol
Concen: 4.844 ng
RT: 12.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:196 Resp: 14301

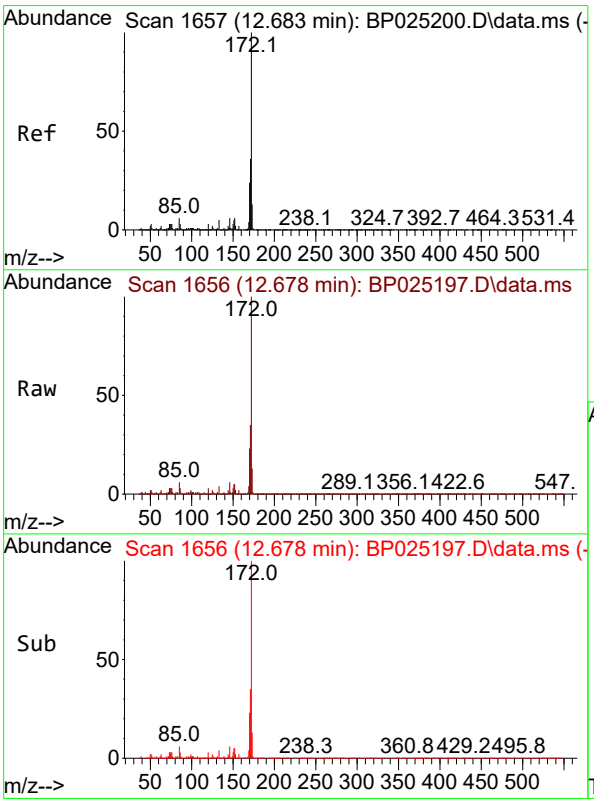
Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.7	115.1
97	41.3	33.0	49.4
132	27.3	20.4	30.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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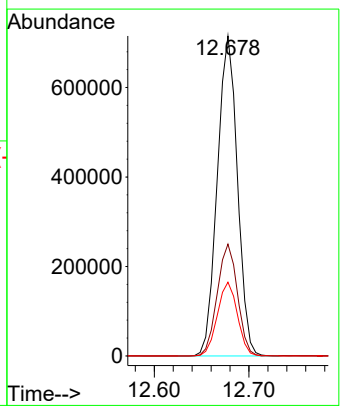
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

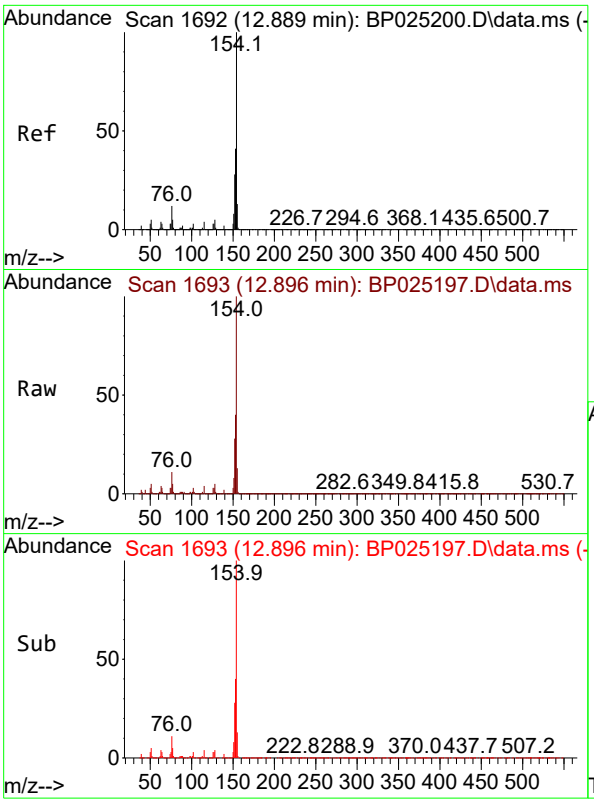


#45
2-Fluorobiphenyl
Concen: 10.698 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:172 Resp: 1057796

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.1	19.2	28.8

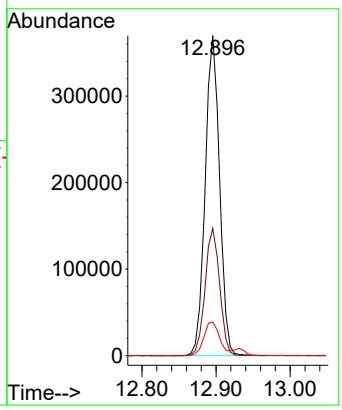




#46
1,1'-Biphenyl
Concen: 5.148 ng
RT: 12.896 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 49835

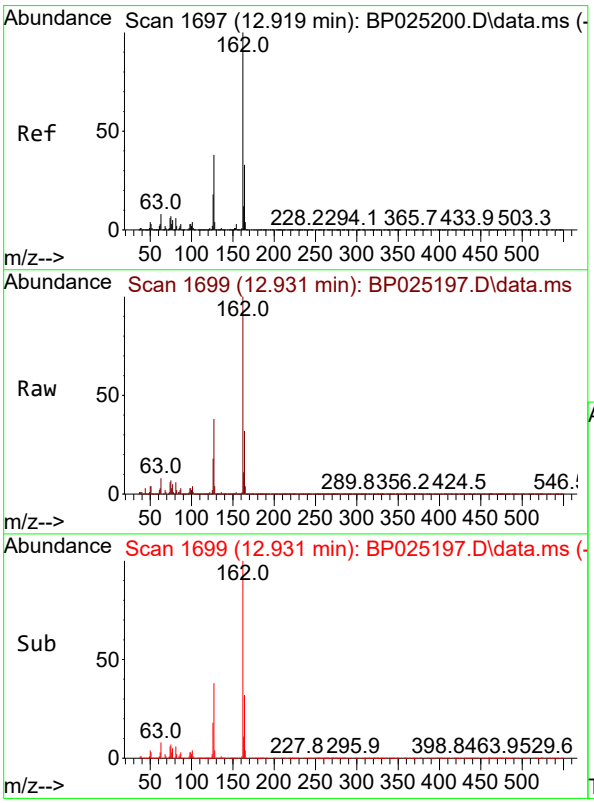
Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	10.6	0.0	31.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

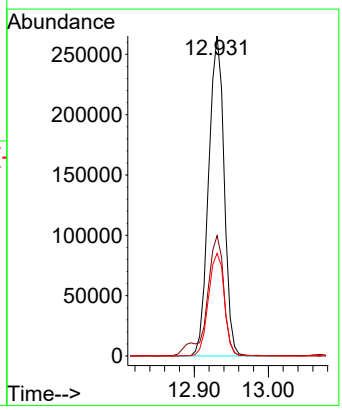
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

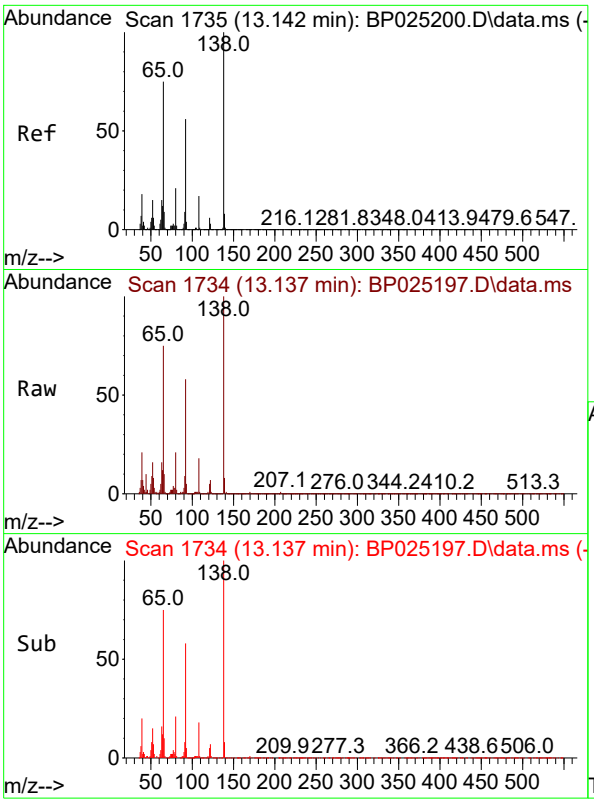


#47
2-Chloronaphthalene
Concen: 5.132 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:162 Resp: 384841

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	32.0	26.5	39.7

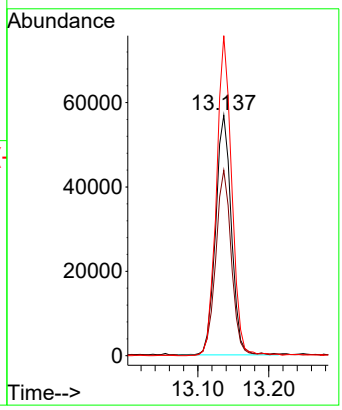




#48
2-Nitroaniline
Concen: 4.646 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 65 Resp: 8740

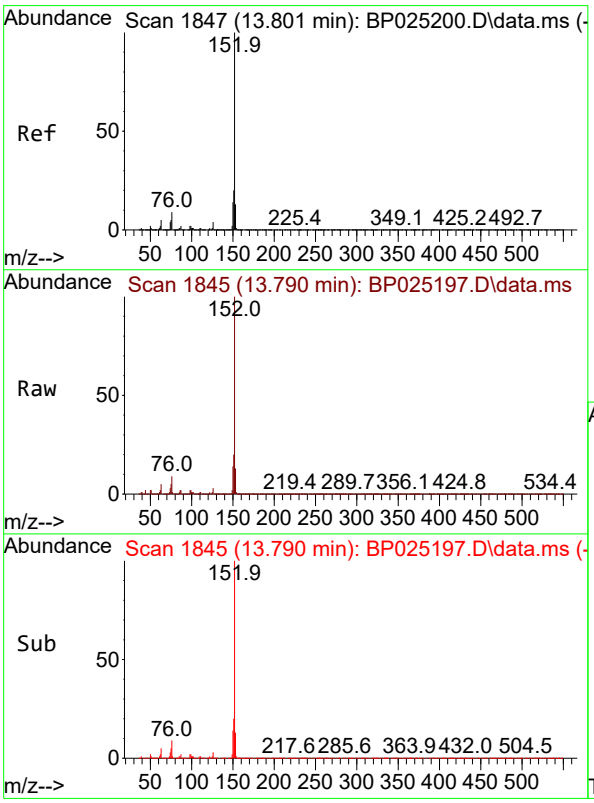
Ion	Ratio	Lower	Upper
65	100		
92	77.1	59.9	89.9
138	133.1	107.1	160.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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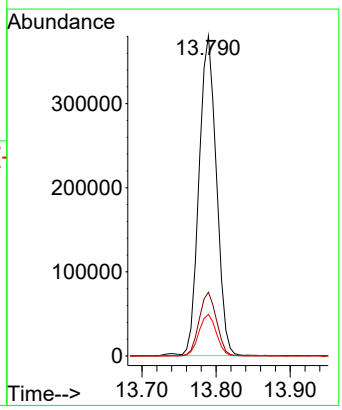
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

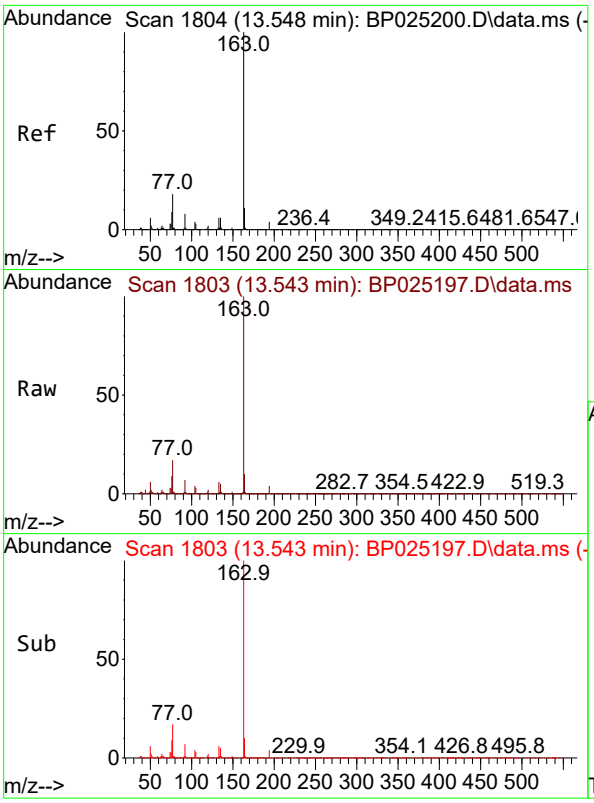


#49
Acenaphthylene
Concen: 5.030 ng
RT: 13.790 min Scan# 1845
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:152 Resp: 618618

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.0	10.6	15.8

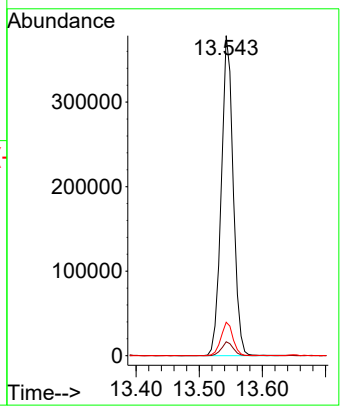




#50
Dimethylphthalate
Concen: 5.191 ng
RT: 13.543 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:163 Resp: 49577

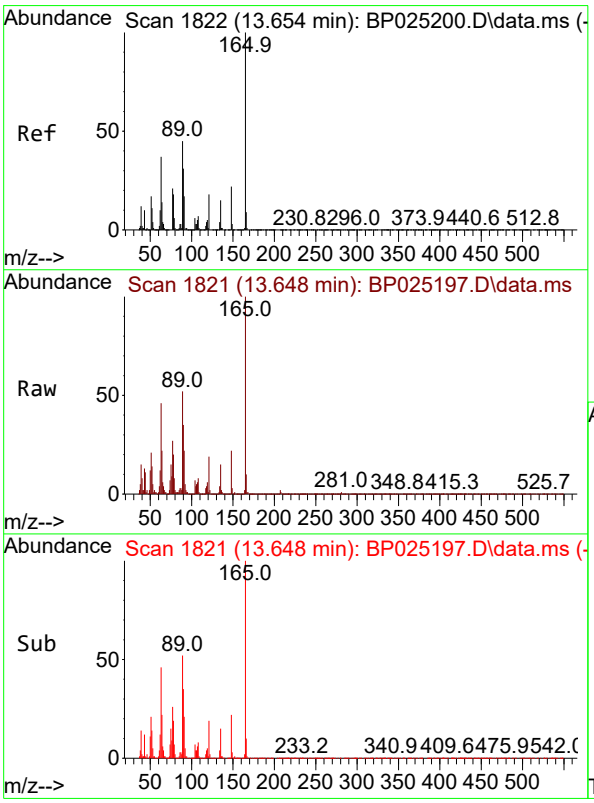
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.4	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

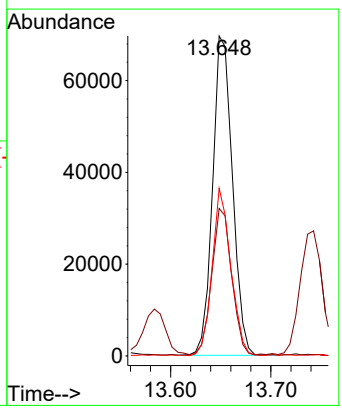
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

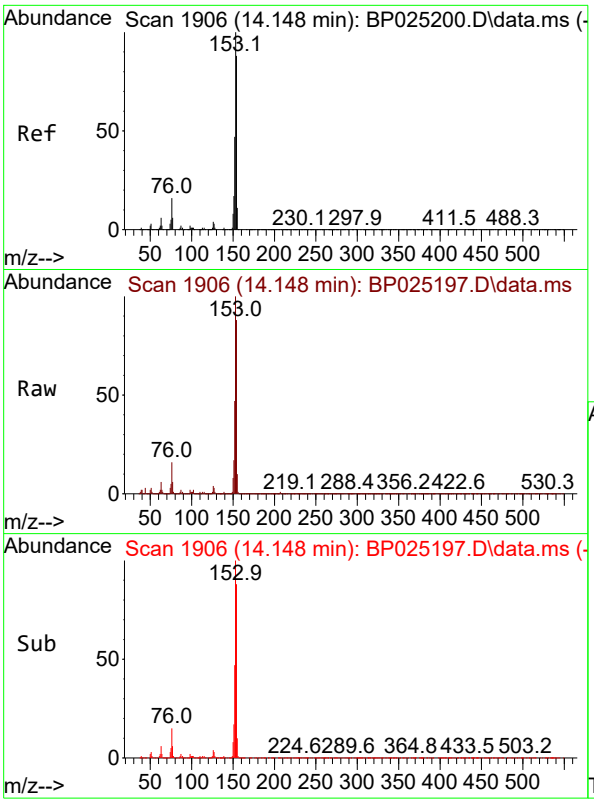


#51
2,6-Dinitrotoluene
Concen: 4.731 ng
RT: 13.648 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:165 Resp: 95645

Ion	Ratio	Lower	Upper
165	100		
63	46.1	33.4	50.2
89	52.4	36.3	54.5





#52
Acenaphthene
Concen: 5.121 ng
RT: 14.148 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

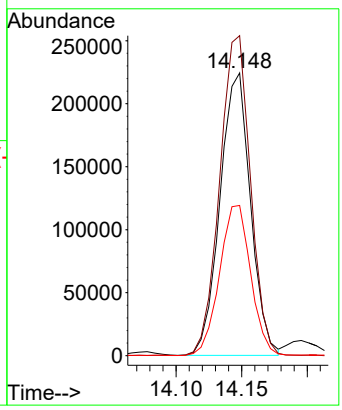
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

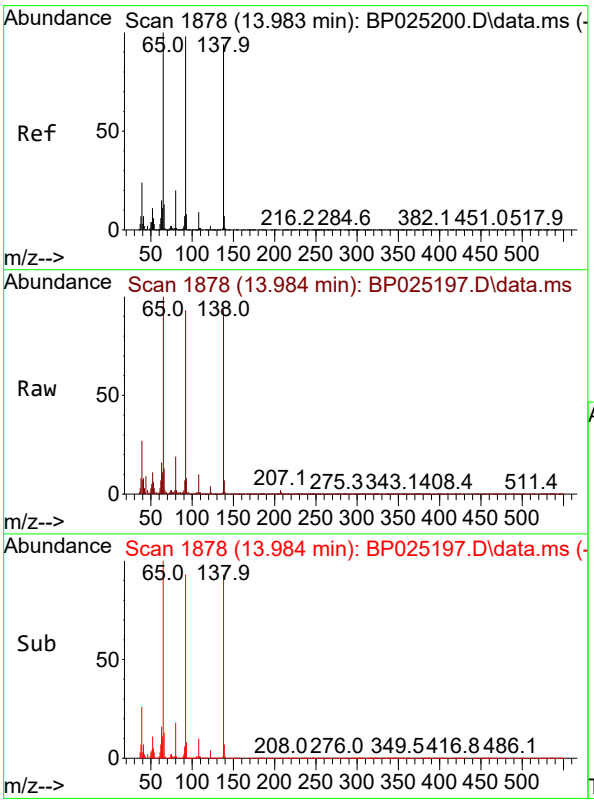
Tgt Ion:154 Resp: 36276

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	53.2	42.9	64.3

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

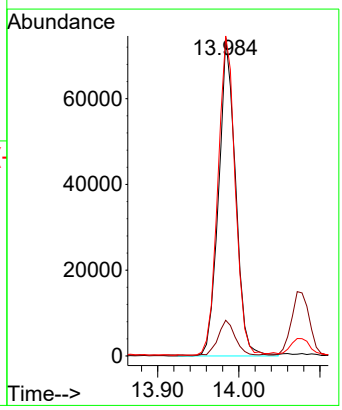


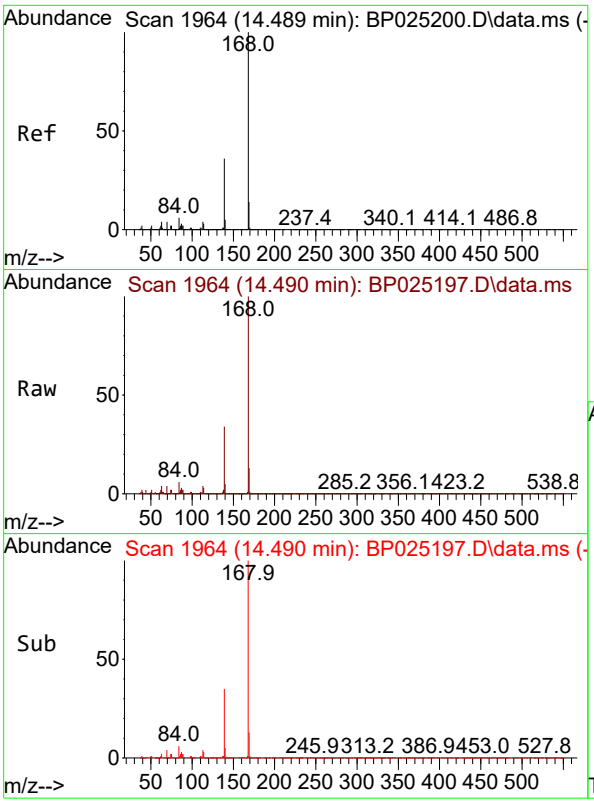


#53
3-Nitroaniline
Concen: 4.706 ng
RT: 13.984 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:138 Resp: 107353

Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.5	11.3
92	100.5	83.2	124.8





#55
Dibenzofuran
Concen: 5.225 ng
RT: 14.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

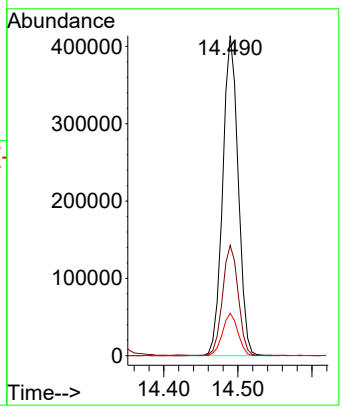
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

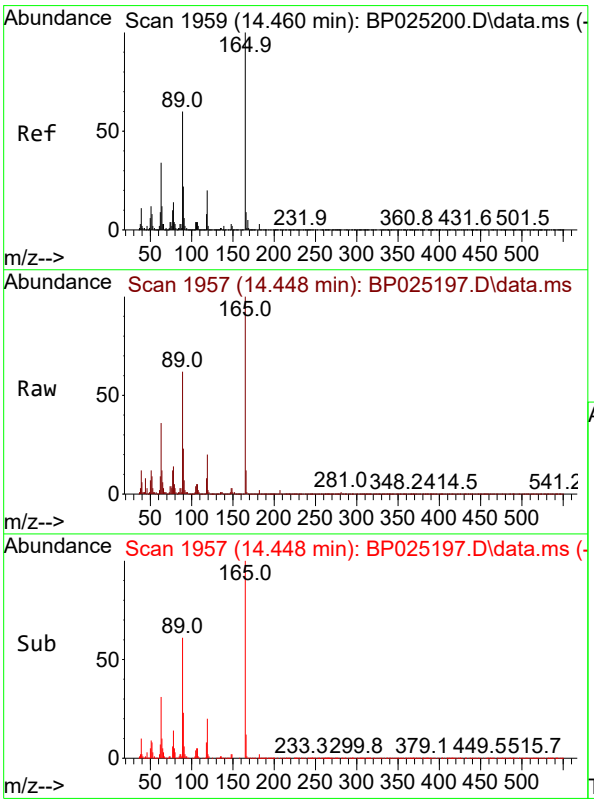
Tgt Ion:168 Resp: 59935

Ion	Ratio	Lower	Upper
168	100		
139	34.5	28.7	43.1
169	13.3	10.9	16.3

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

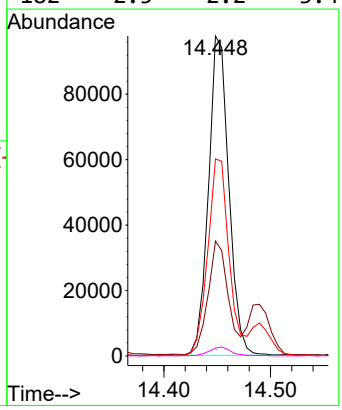


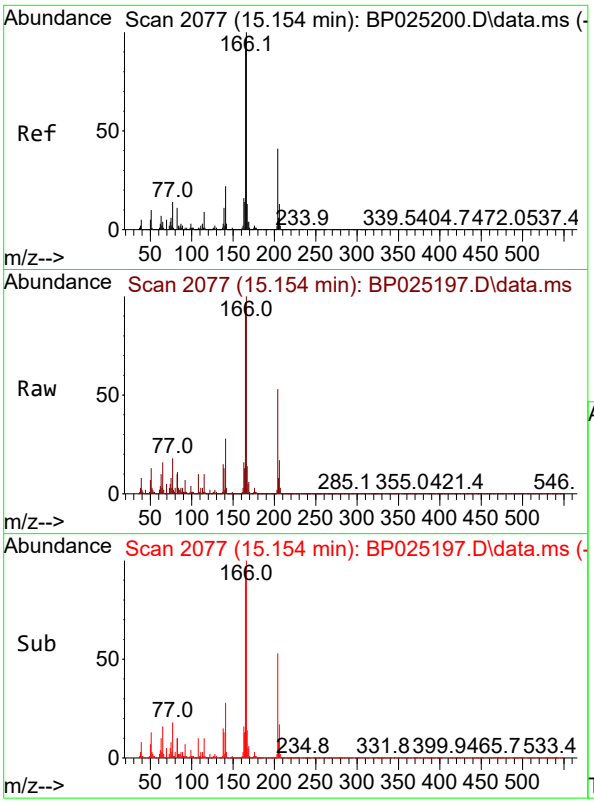


#57
2,4-Dinitrotoluene
Concen: 4.587 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:165 Resp: 129201

Ion	Ratio	Lower	Upper
165	100		
63	35.9	27.0	40.4
89	61.6	47.8	71.6
182	2.5	2.2	3.4





#58
Fluorene
Concen: 5.250 ng
RT: 15.154 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

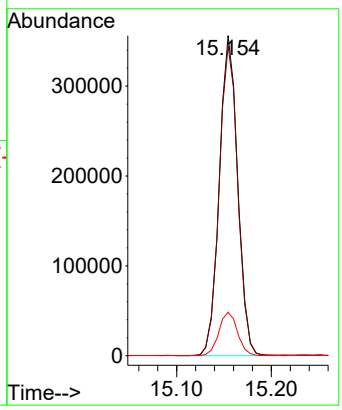
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

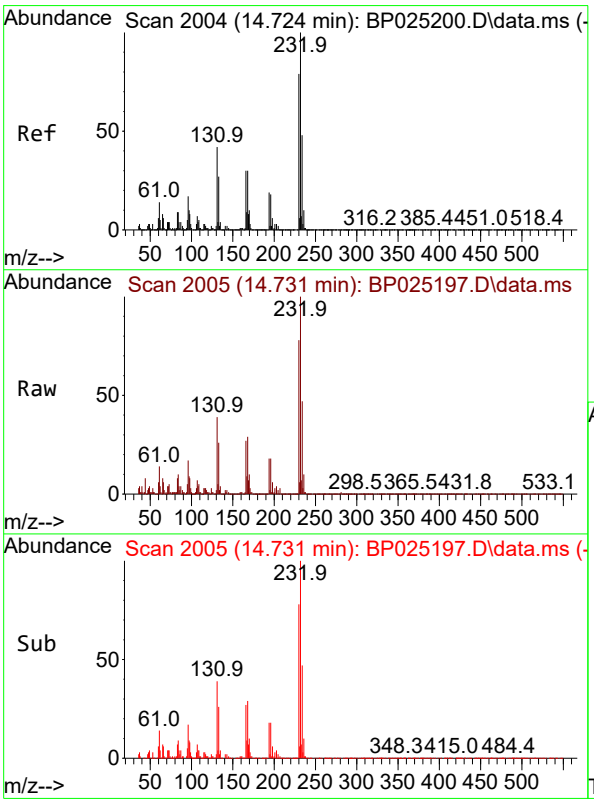
Tgt Ion:166 Resp: 48025

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.0	117.0
167	13.6	10.7	16.1

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

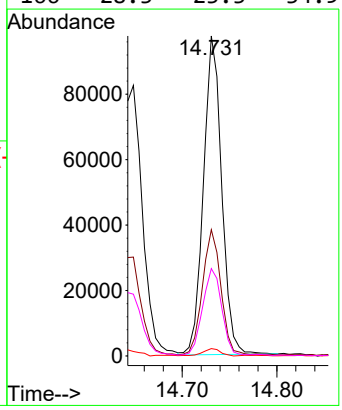


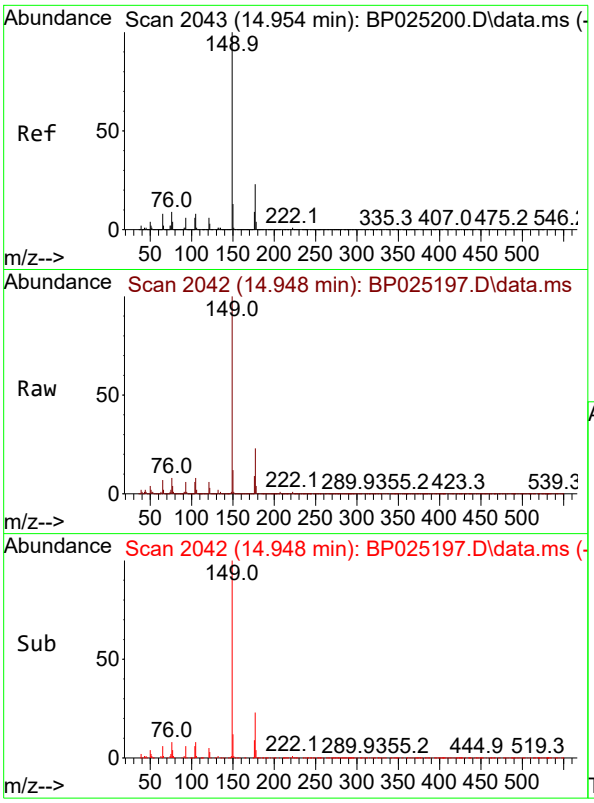


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.967 ng
RT: 14.731 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:232 Resp: 129817

Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.6	48.8
130	2.2	1.6	2.4
166	28.3	23.3	34.9

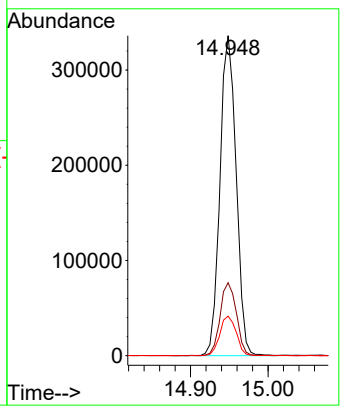




#60
Diethylphthalate
Concen: 5.166 ng
RT: 14.948 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 48753

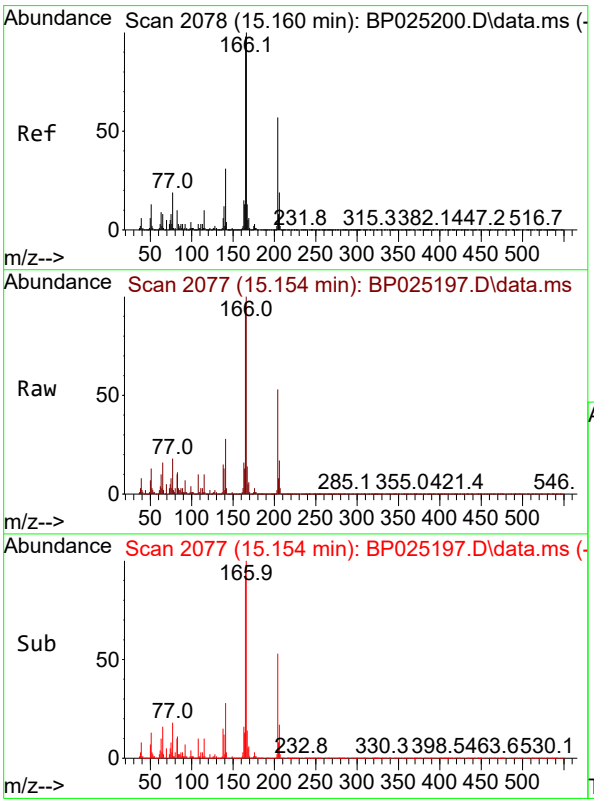
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.3	10.0	15.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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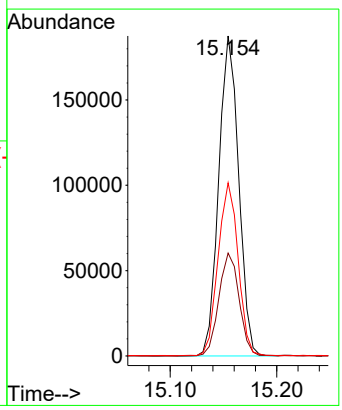
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

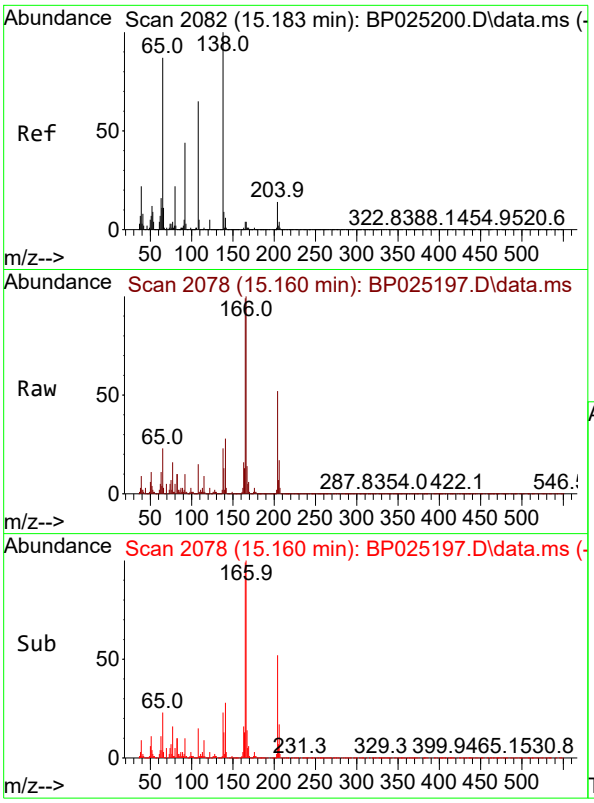


#61
4-Chlorophenyl-phenylether
Concen: 5.269 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:204 Resp: 242941

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	54.1	43.0	64.6

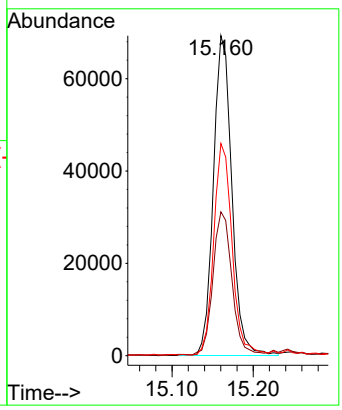




#62
4-Nitroaniline
Concen: 4.709 ng
RT: 15.160 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:138 Resp: 10947

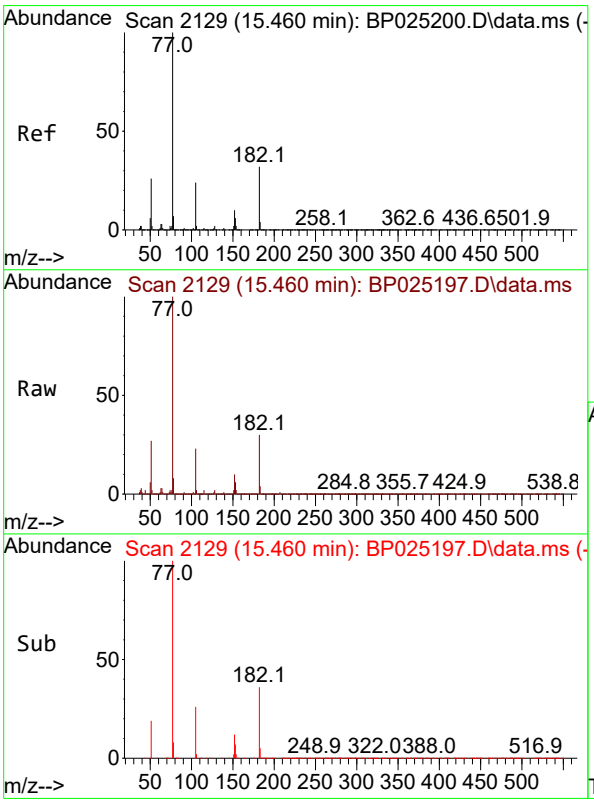
Ion	Ratio	Lower	Upper
138	100		
92	45.0	24.0	64.0
108	66.3	44.9	84.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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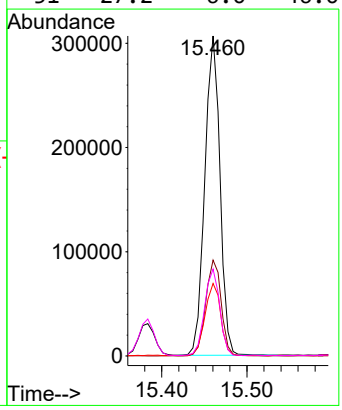
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

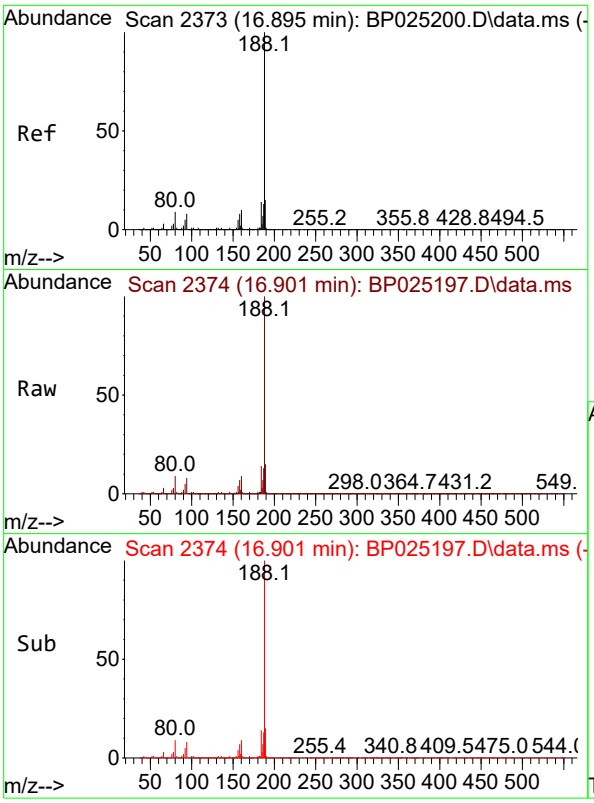


#63
Azobenzene
Concen: 5.004 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 77 Resp: 379326

Ion	Ratio	Lower	Upper
77	100		
182	29.9	12.0	52.0
105	22.7	3.6	43.6
51	27.2	6.0	46.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

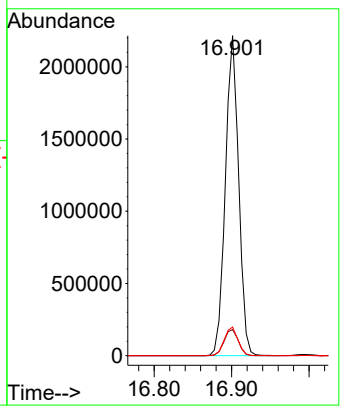
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

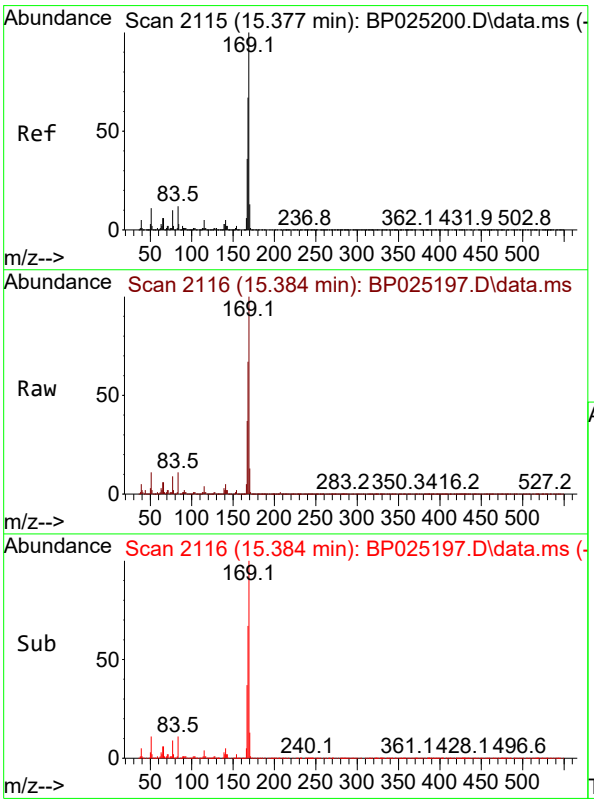
Tgt Ion:188 Resp: 263635

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.9	7.3	10.9

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

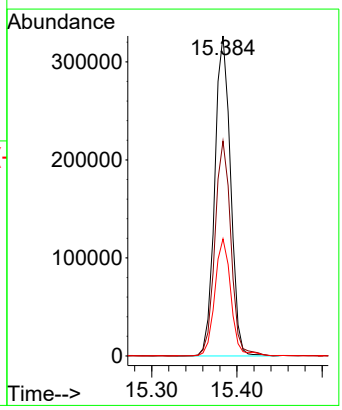


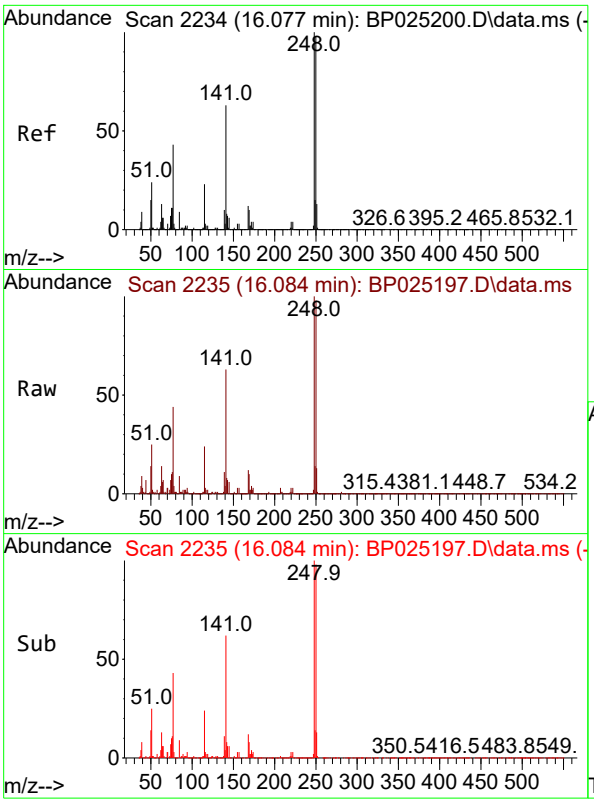


#66
n-Nitrosodiphenylamine
Concen: 5.115 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:169 Resp: 419927

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.7	80.5
167	36.6	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 4.959 ng
RT: 16.084 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

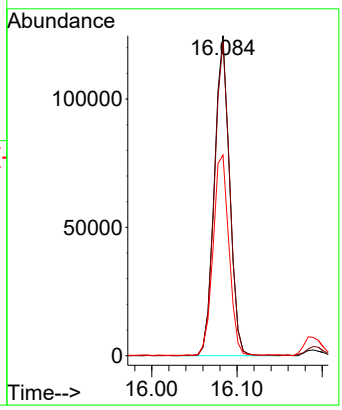
Tgt Ion:248 Resp: 15413

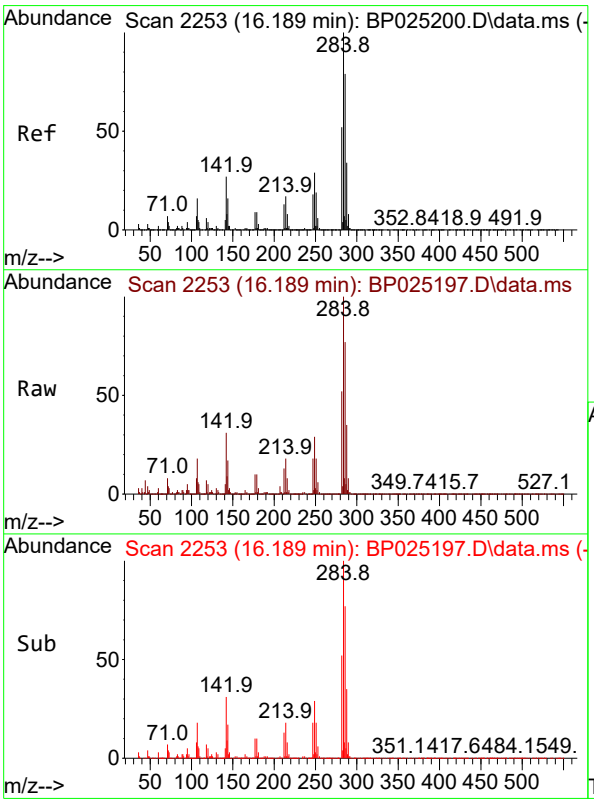
Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.5	117.7
141	62.7	50.5	75.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

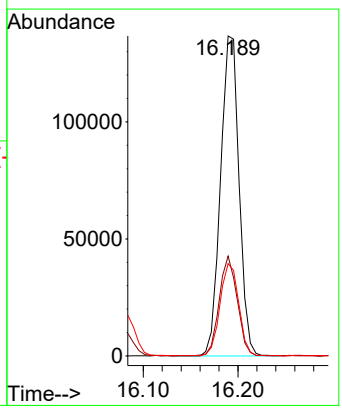


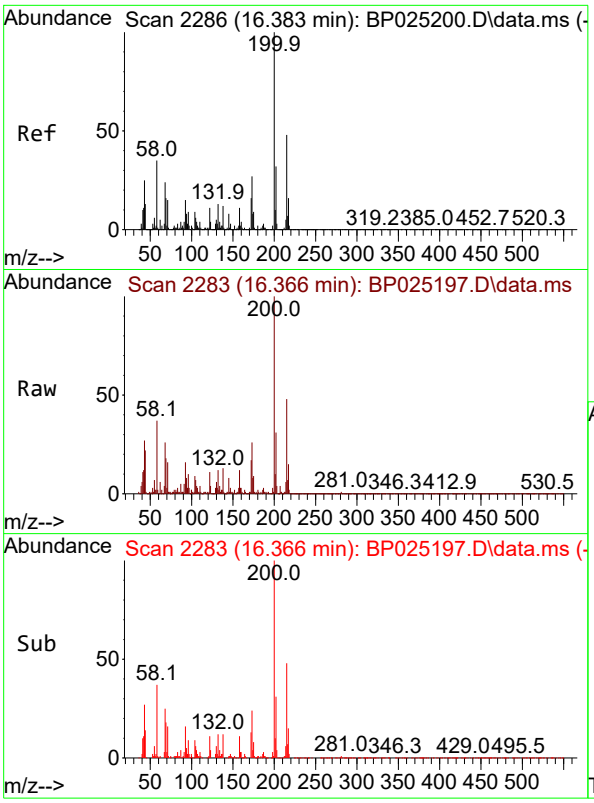


#68
Hexachlorobenzene
Concen: 5.013 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:284 Resp: 186075

Ion	Ratio	Lower	Upper
284	100		
142	31.2	21.5	32.3
249	28.9	23.4	35.0

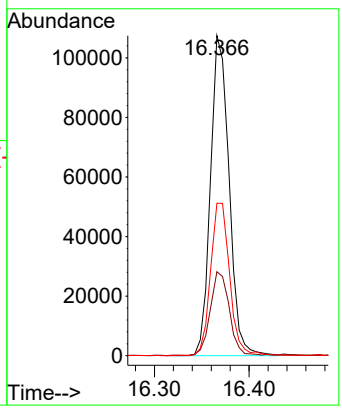




#69
Atrazine
Concen: 4.896 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:200 Resp: 14652

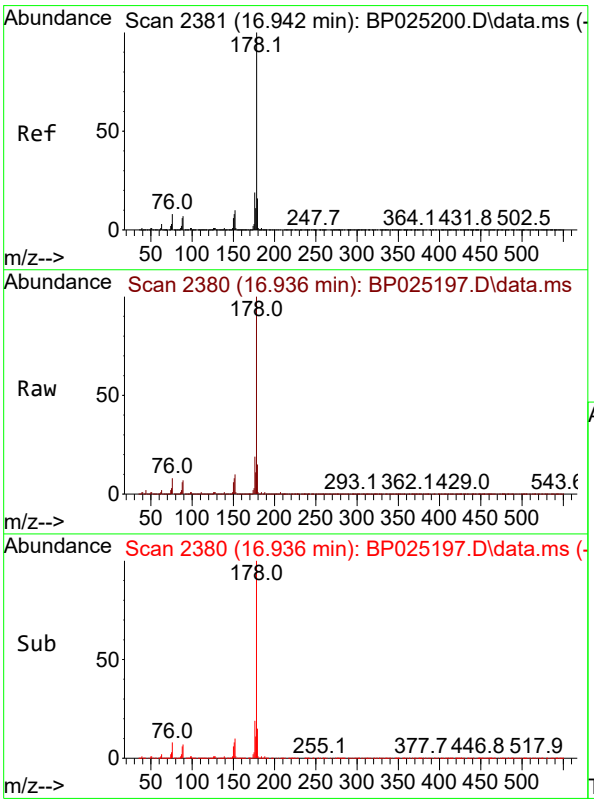
Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.4	47.4
215	47.6	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

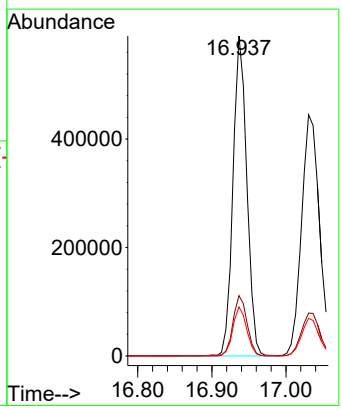
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

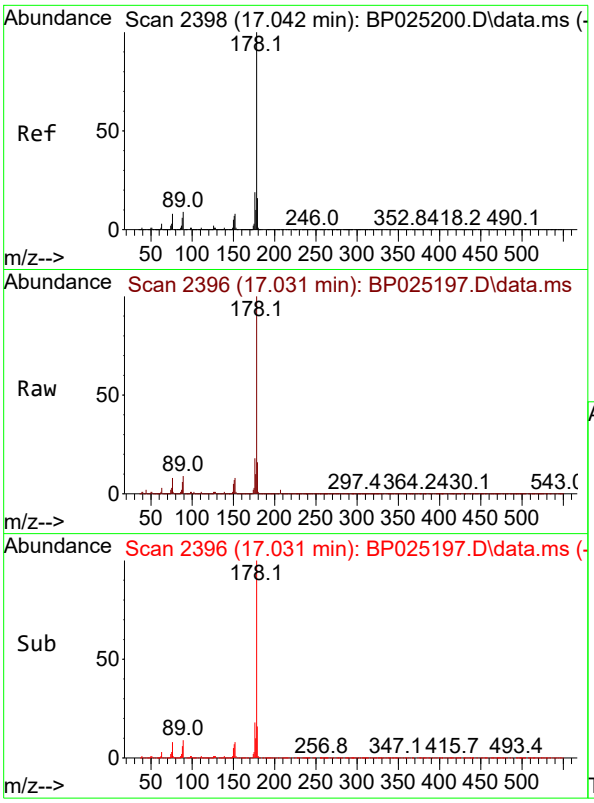


#71
Phenanthrene
Concen: 5.196 ng
RT: 16.936 min Scan# 2380
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:178 Resp: 763302

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.3	12.5	18.7

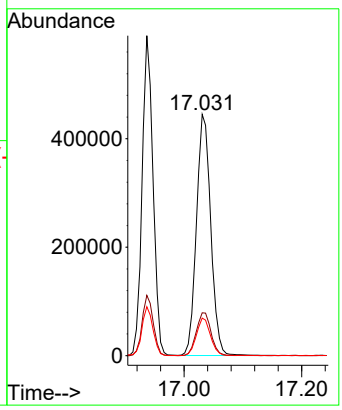




#72
Anthracene
Concen: 5.040 ng
RT: 17.031 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:178 Resp: 75162

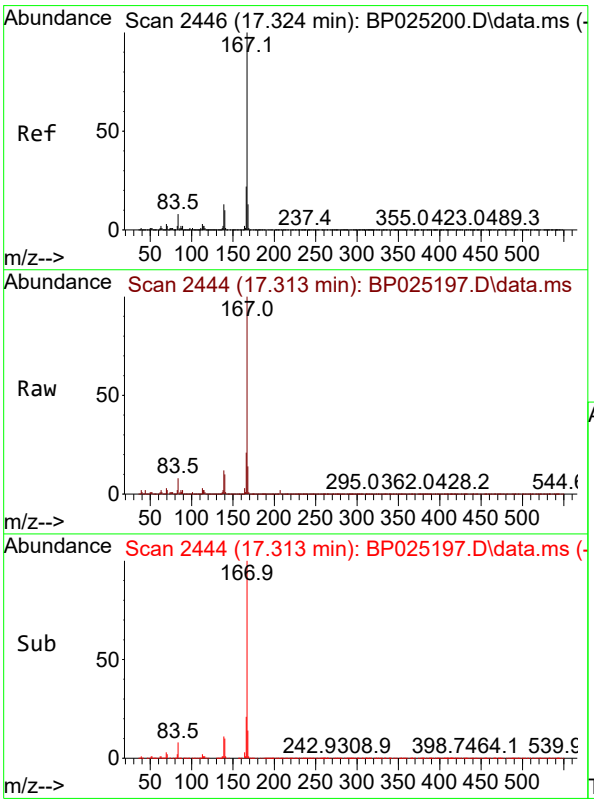
Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	15.6	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

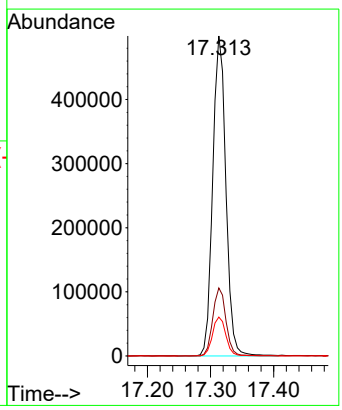
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

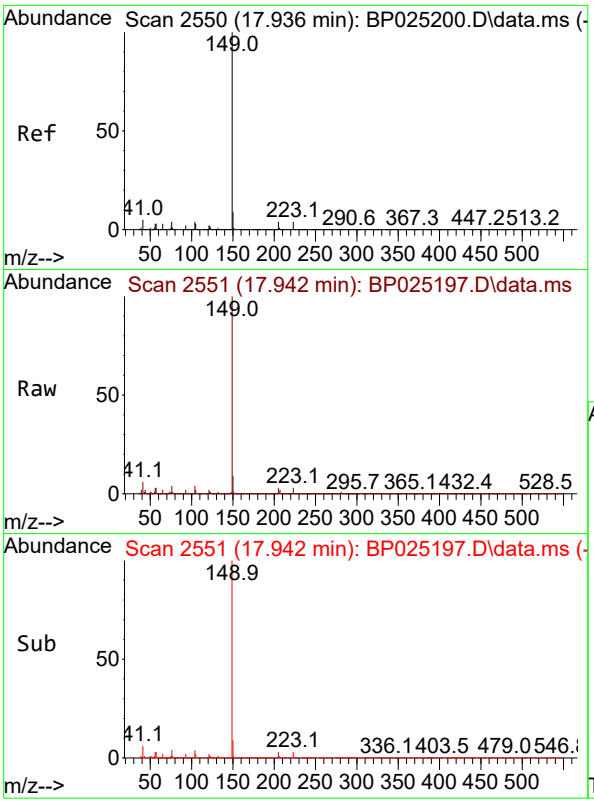


#73
Carbazole
Concen: 5.085 ng
RT: 17.313 min Scan# 2444
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:167 Resp: 721457

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	12.1	10.1	15.1

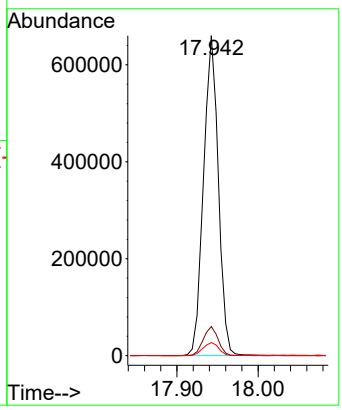




#74
Di-n-butylphthalate
Concen: 5.006 ng
RT: 17.942 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 83283

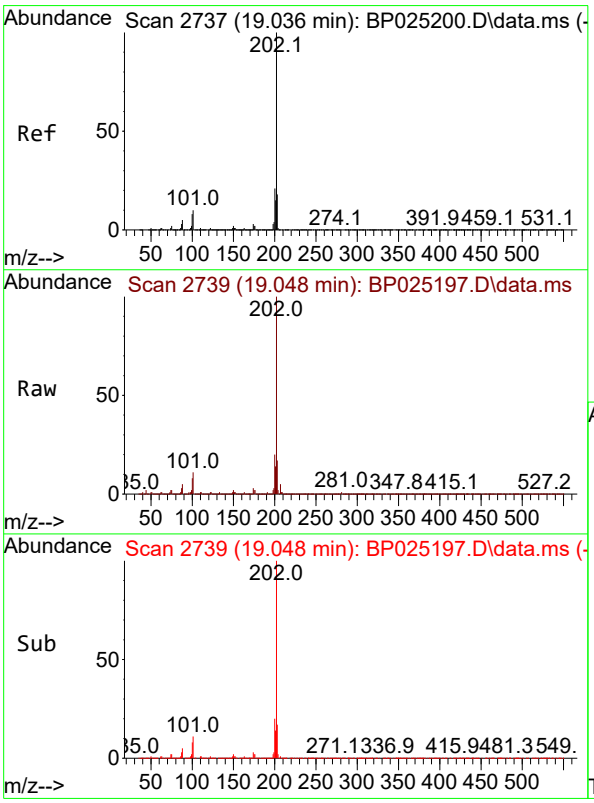
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	4.1	3.5	5.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

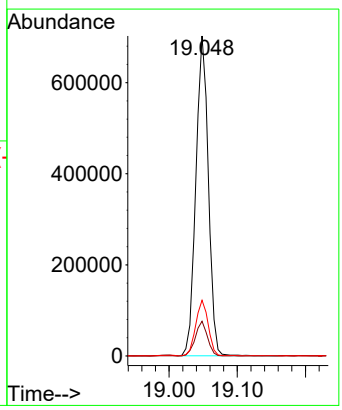
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

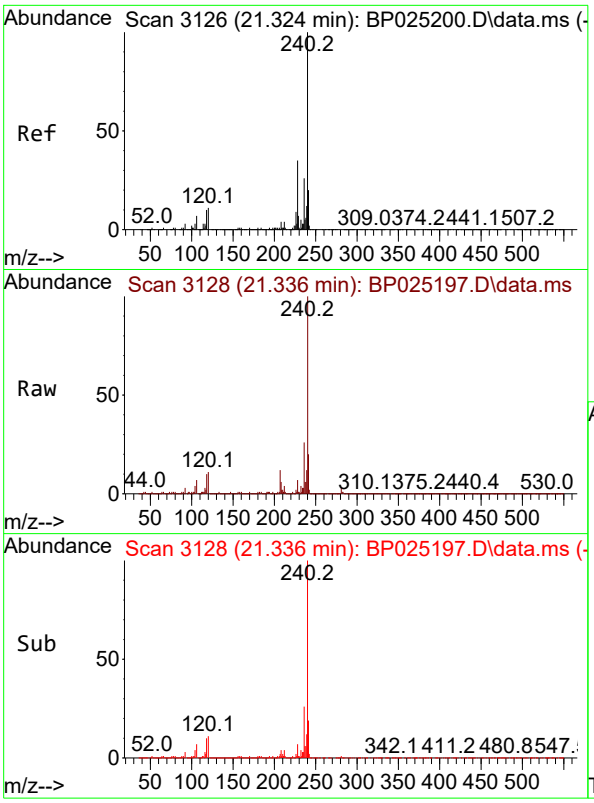


#75
Fluoranthene
Concen: 5.122 ng
RT: 19.048 min Scan# 2739
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:202 Resp: 889535

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	17.4	0.0	38.0

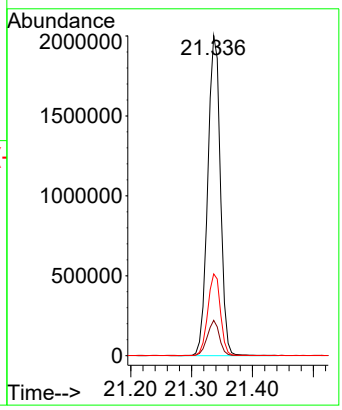




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:240 Resp: 287336

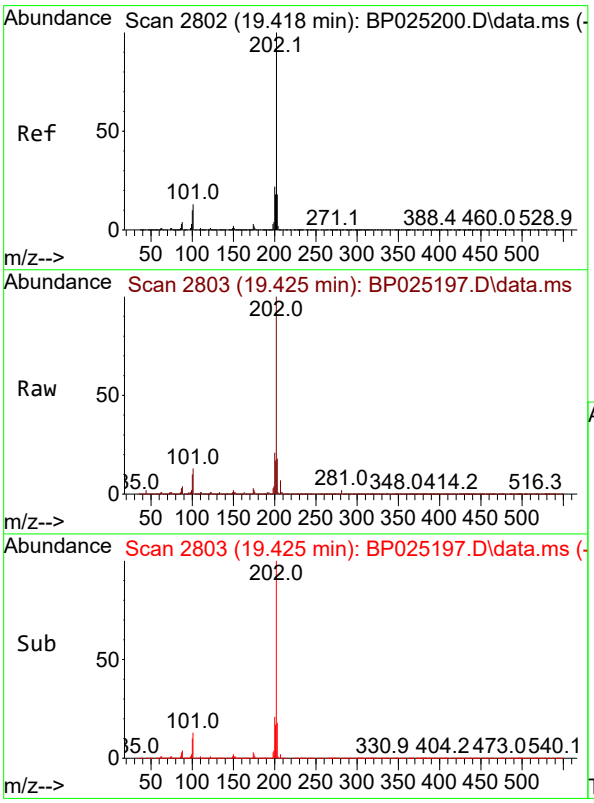
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	25.5	20.9	31.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

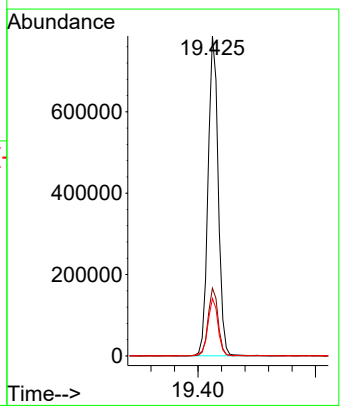
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

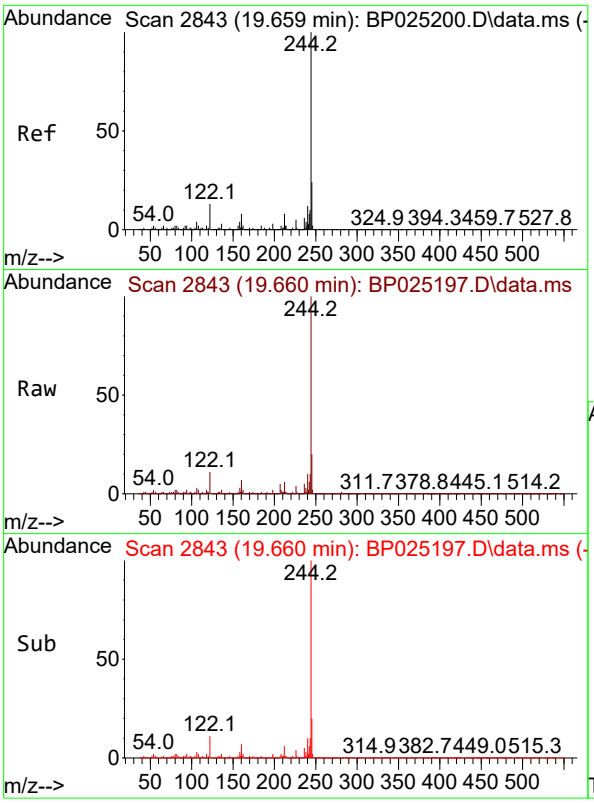


#78
Pyrene
Concen: 5.177 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:202 Resp: 945415

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.9	14.3	21.5

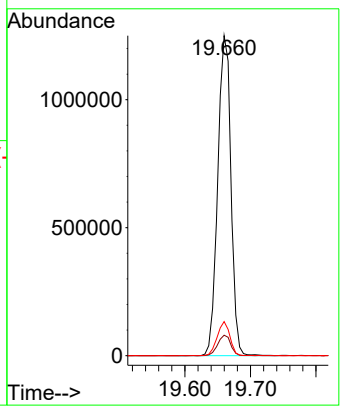




#79
Terphenyl-d14
Concen: 11.285 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:244 Resp: 173635

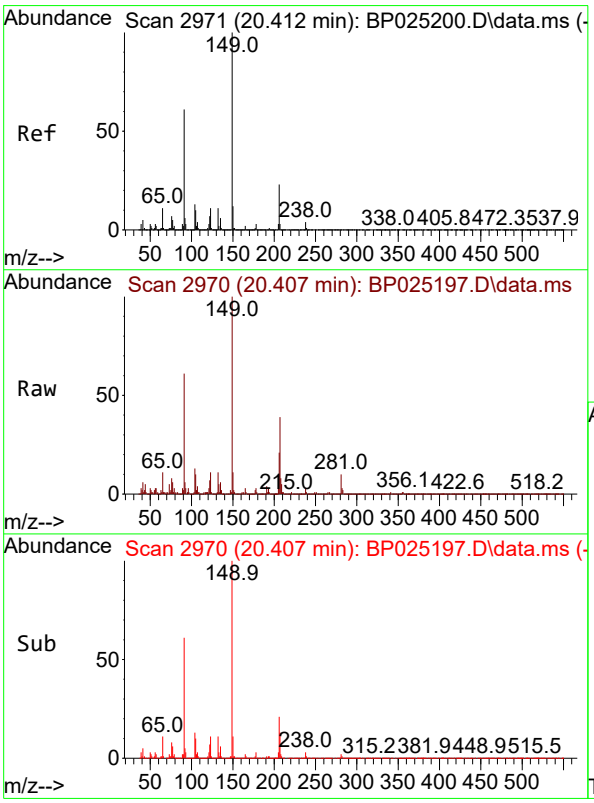
Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.6	9.8
122	10.7	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

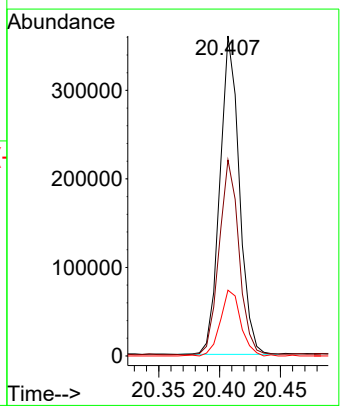
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

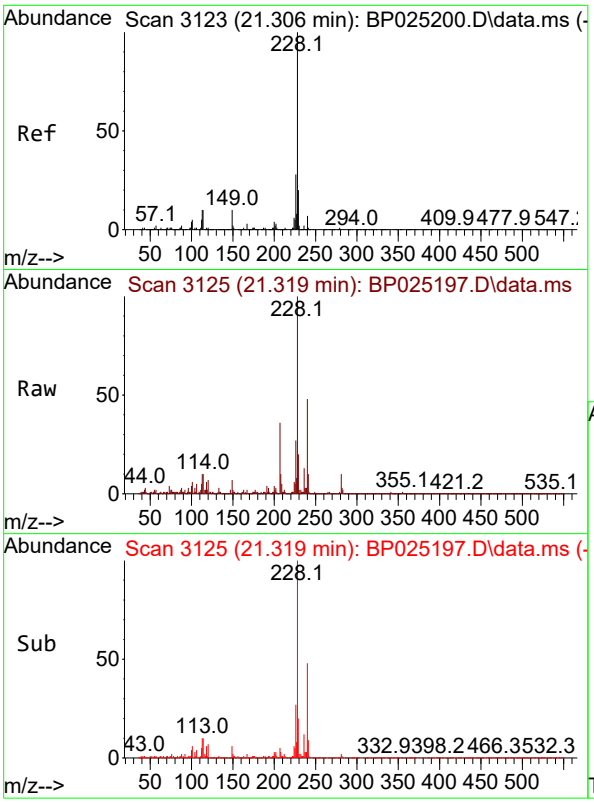


#80
Butylbenzylphthalate
Concen: 4.973 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 400726

Ion	Ratio	Lower	Upper
149	100		
91	61.3	48.8	73.2
206	20.6	18.4	27.6

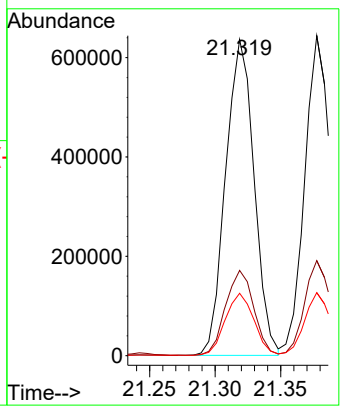




#81
Benzo(a)anthracene
Concen: 5.147 ng
RT: 21.319 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:228 Resp: 96193

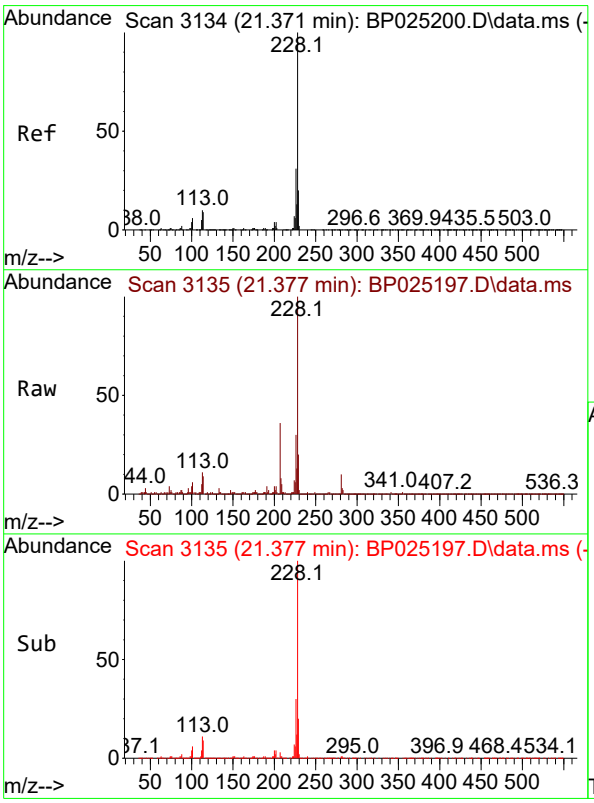
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	19.7	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

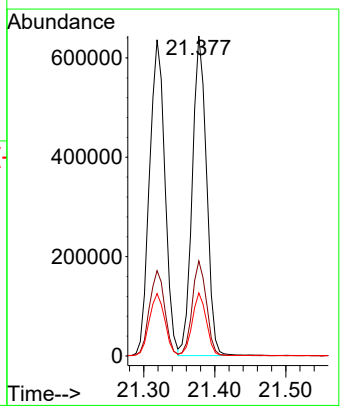
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

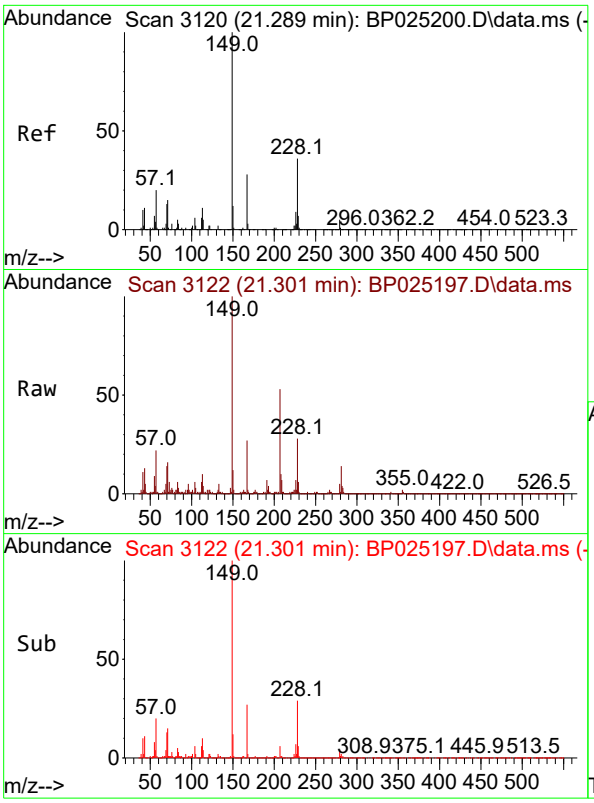


#83
Chrysene
Concen: 5.166 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:228 Resp: 900450

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	19.7	16.0	24.0

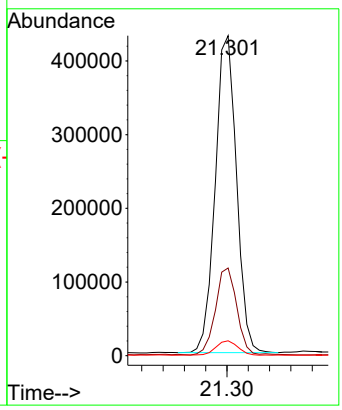




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.064 ng
RT: 21.301 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 59495

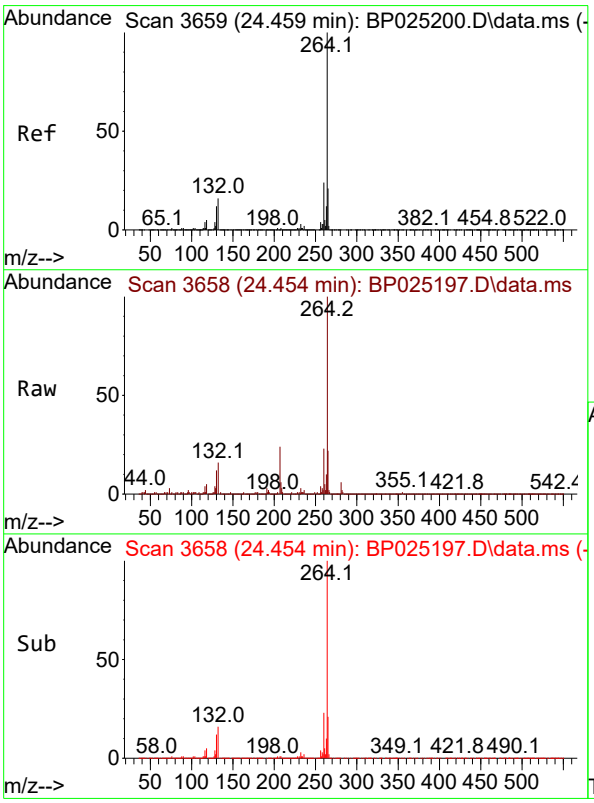
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	34.0
279	4.7	4.0	6.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

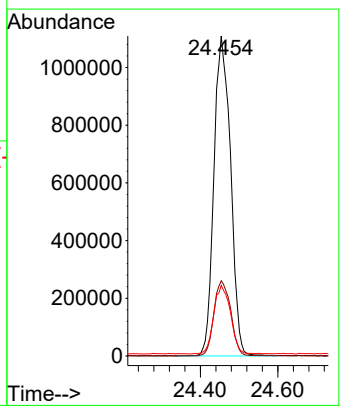
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

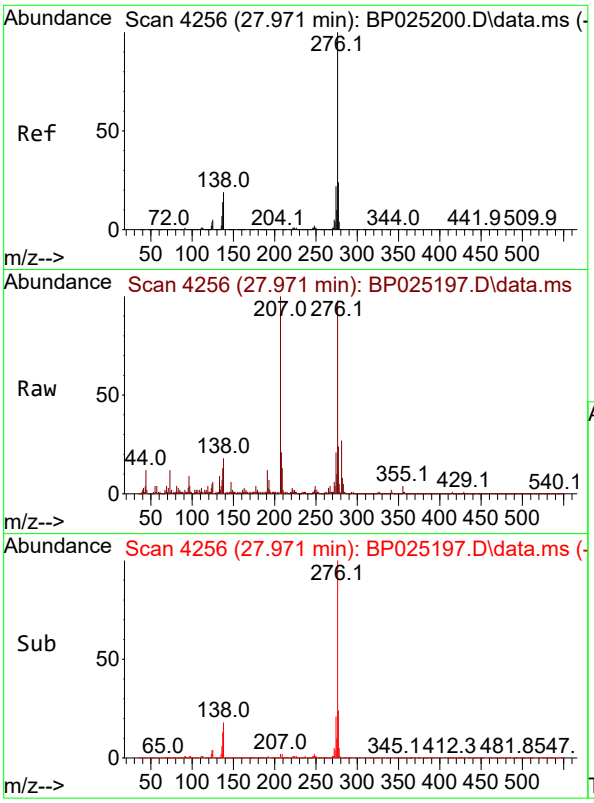


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:264 Resp: 3311045

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.0	17.5	26.3

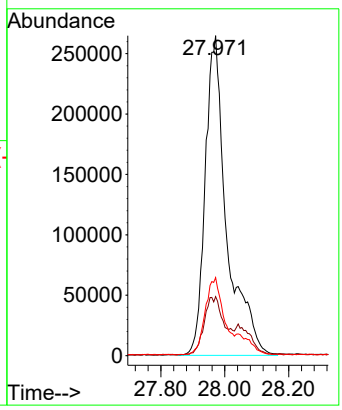




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.093 ng m
RT: 27.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:276 Resp: 123959

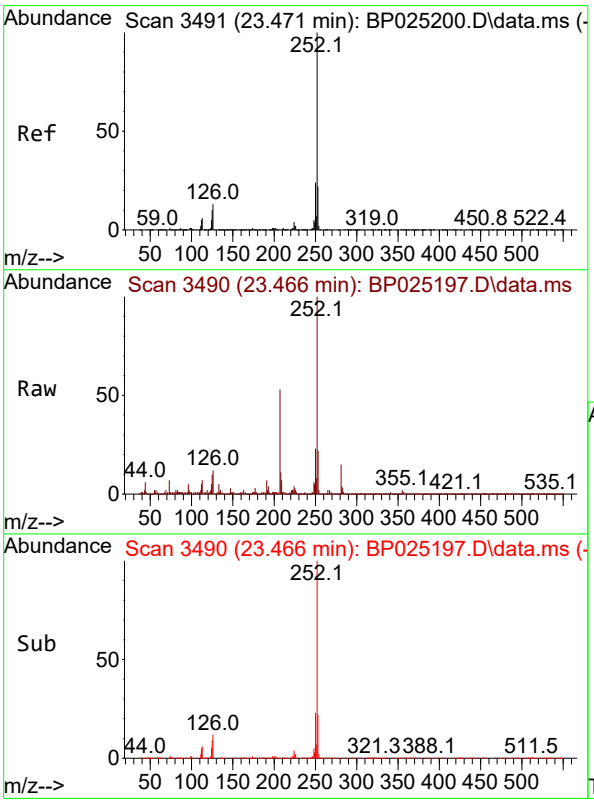
Ion	Ratio	Lower	Upper
276	100		
138	17.6	12.8	19.2
277	20.8	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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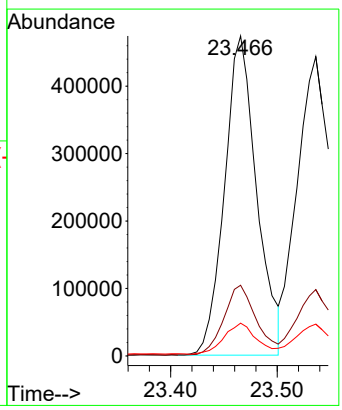
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

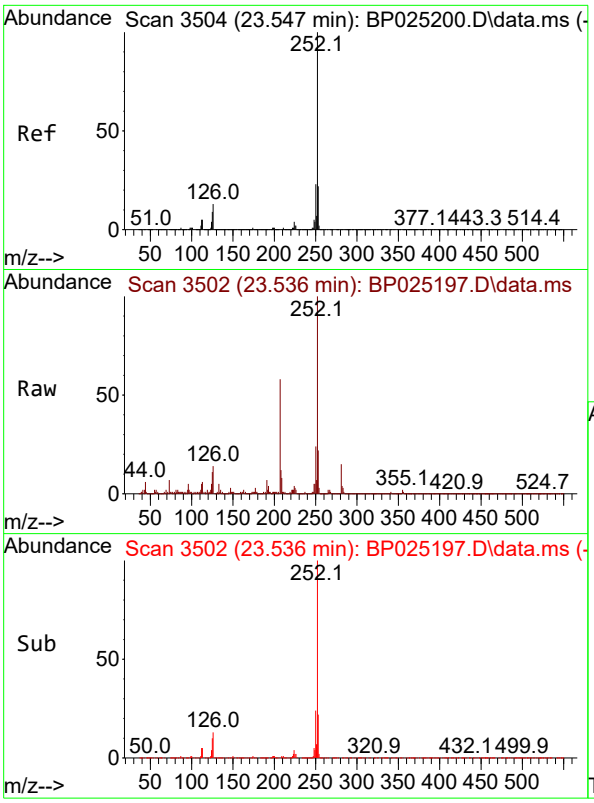


#88
Benzo(b)fluoranthene
Concen: 5.145 ng
RT: 23.466 min Scan# 3490
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 993434

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.3	7.8	11.8

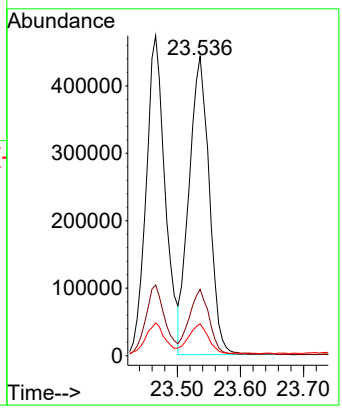




#89
Benzo(k)fluoranthene
Concen: 5.140 ng
RT: 23.536 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 98547

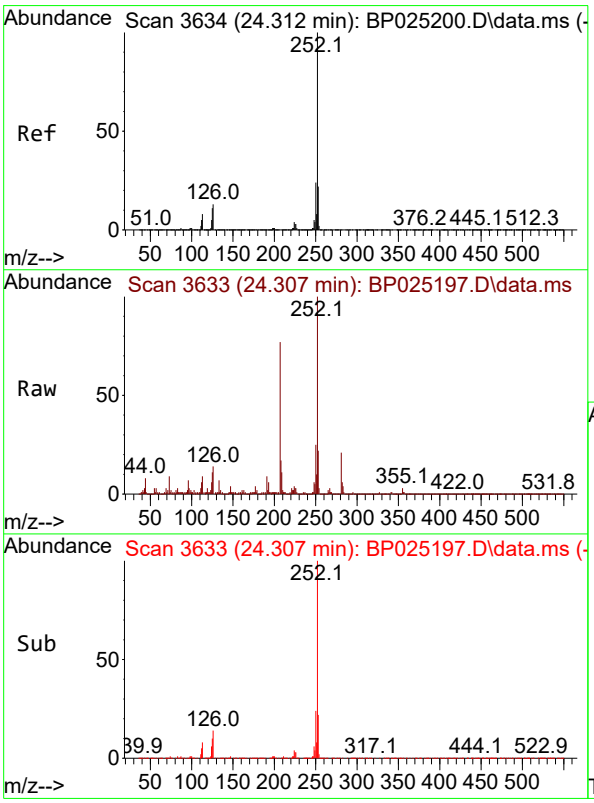
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.6	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

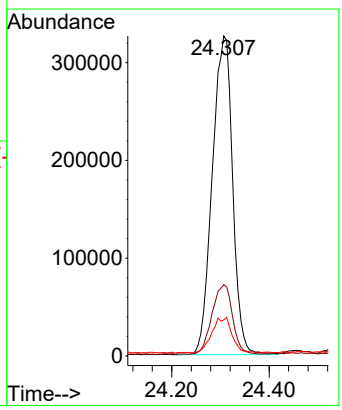
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

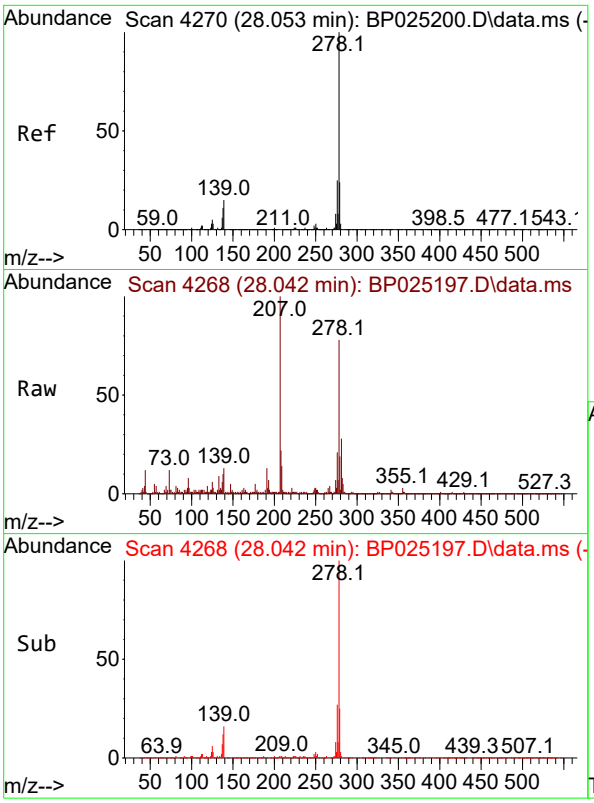


#90
Benzo(a)pyrene
Concen: 5.054 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 947324

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.3	8.6	12.8

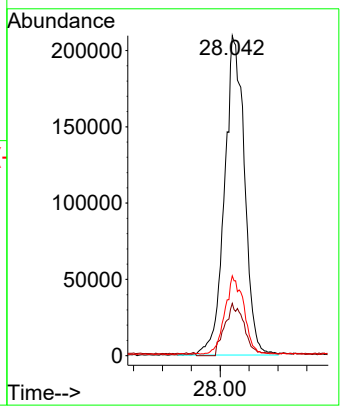




#91
Dibenzo(a,h)anthracene
Concen: 5.042 ng
RT: 28.042 min Scan# 4
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:278 Resp: 100633

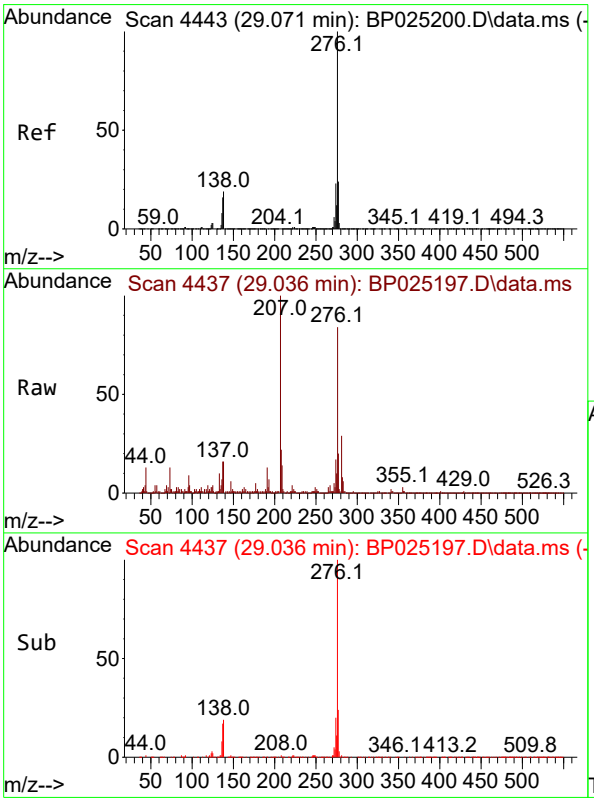
Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.0	18.0
279	24.9	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

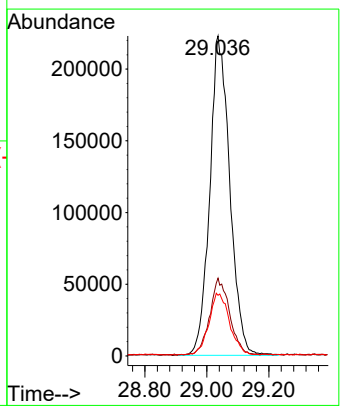
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#92
Benzo(g,h,i)perylene
Concen: 5.127 ng
RT: 29.036 min Scan# 4437
Delta R.T. -0.035 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:276 Resp: 1002521

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	19.0	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	520728	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	2046616	20.000	ng		0.00
39) Acenaphthene-d10	14.083	164	1320566	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2625603	20.000	ng		0.00
76) Chrysene-d12	21.330	240	2939535	20.000	ng		0.00
86) Perylene-d12	24.453	264	3517768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	602627	19.333	ng		0.00
7) Phenol-d6	6.637	99	742472	19.294	ng		0.00
23) Nitrobenzene-d5	8.560	82	726773	19.470	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	380466	19.375	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	2013844	20.189	ng		0.00
79) Terphenyl-d14	19.654	244	3414680	21.694	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	116581	9.952	ng		99
3) Pyridine	3.496	79	296665	9.561	ng		99
4) n-Nitrosodimethylamine	3.408	42	115366	9.421	ng	#	93
6) Aniline	6.772	93	473154	9.455	ng		99
8) 2-Chlorophenol	7.013	128	335129	9.555	ng		99
9) Benzaldehyde	6.596	77	240839	8.757	ng		98
10) Phenol	6.660	94	381137	9.573	ng		99
11) bis(2-Chloroethyl)ether	6.872	93	293018	9.585	ng		98
12) 1,3-Dichlorobenzene	7.325	146	388508	9.764	ng		98
13) 1,4-Dichlorobenzene	7.466	146	389463	9.699	ng		98
14) 1,2-Dichlorobenzene	7.772	146	369794	9.584	ng		98
15) Benzyl Alcohol	7.672	79	260442	9.442	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.954	45	373210	9.518	ng		98
17) 2-Methylphenol	7.878	107	261165	9.483	ng		99
18) Hexachloroethane	8.484	117	132688	9.677	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	217824	9.392	ng		99
20) 3+4-Methylphenols	8.195	107	352479	9.371	ng		98
22) Acetophenone	8.243	105	478842	9.878	ng	#	98
24) Nitrobenzene	8.607	77	324205	9.800	ng		98
25) Isophorone	9.131	82	627451	9.598	ng		98
26) 2-Nitrophenol	9.307	139	172919	9.287	ng		96
27) 2,4-Dimethylphenol	9.384	122	307178	9.690	ng		99
28) bis(2-Chloroethoxy)met...	9.607	93	399970	9.745	ng		99
29) 2,4-Dichlorophenol	9.831	162	312211	9.603	ng		98
30) 1,2,4-Trichlorobenzene	10.048	180	353497	9.881	ng		99
31) Naphthalene	10.225	128	1041389	9.771	ng		100
32) Benzoic acid	9.472	122	186508	8.056	ng		96
33) 4-Chloroaniline	10.342	127	447675	9.674	ng		99
34) Hexachlorobutadiene	10.519	225	210009	9.775	ng		97
35) Caprolactam	11.107	113	101593	9.495	ng		97
36) 4-Chloro-3-methylphenol	11.484	107	318251	9.801	ng		98
37) 2-Methylnaphthalene	11.860	142	674086	9.778	ng		99
38) 1-Methylnaphthalene	12.078	142	708010	9.738	ng		100
40) 1,2,4,5-Tetrachloroben...	12.236	216	388223	9.708	ng		99
41) Hexachlorocyclopentadiene	12.225	237	190047	8.380	ng		99
43) 2,4,6-Trichlorophenol	12.489	196	260478	9.640	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	289420	9.717	ng	98
46) 1,1'-Biphenyl	12.895	154	973396	9.969	ng	99
47) 2-Chloronaphthalene	12.936	162	755649	9.989	ng	99
48) 2-Nitroaniline	13.136	65	181056	9.541	ng	95
49) Acenaphthylene	13.795	152	1217151	9.811	ng	98
50) Dimethylphthalate	13.542	163	949801	9.858	ng	100
51) 2,6-Dinitrotoluene	13.654	165	194525	9.537	ng	98
52) Acenaphthene	14.148	154	705723	9.875	ng	100
53) 3-Nitroaniline	13.983	138	222495	9.668	ng	97
54) 2,4-Dinitrophenol	14.195	184	88097	7.708	ng	99
55) Dibenzofuran	14.489	168	1136303	9.821	ng	99
56) 4-Nitrophenol	14.325	139	182691	9.316	ng	97
57) 2,4-Dinitrotoluene	14.454	165	265442	9.342	ng	98
58) Fluorene	15.154	166	912923	9.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.736	232	251016	9.520	ng	98
60) Diethylphthalate	14.948	149	929443	9.763	ng	99
61) 4-Chlorophenyl-phenyle...	15.160	204	466528	10.029	ng	99
62) 4-Nitroaniline	15.166	138	223854	9.546	ng	98
63) Azobenzene	15.466	77	741495	9.696	ng	99
65) 4,6-Dinitro-2-methylph...	15.242	198	132736	8.075	ng	99
66) n-Nitrosodiphenylamine	15.389	169	810248	9.909	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	303682	9.810	ng	97
68) Hexachlorobenzene	16.195	284	360593	9.755	ng	96
69) Atrazine	16.372	200	292440	9.812	ng	98
70) Pentachlorophenol	16.548	266	223420	9.080	ng	98
71) Phenanthrene	16.942	178	1465440	10.017	ng	99
72) Anthracene	17.030	178	1482992	9.985	ng	99
73) Carbazole	17.313	167	1406173	9.951	ng	99
74) Di-n-butylphthalate	17.942	149	1638310	9.887	ng	99
75) Fluoranthene	19.048	202	1762633	10.190	ng	99
77) Benzidine	19.248	184	1045235	9.309	ng	99
78) Pyrene	19.424	202	1805942	9.667	ng	99
80) Butylbenzylphthalate	20.407	149	787501	9.553	ng	98
81) Benzo(a)anthracene	21.312	228	1894426	9.908	ng	99
82) 3,3'-Dichlorobenzidine	21.242	252	770405	9.826	ng	98
83) Chrysene	21.377	228	1767347	9.912	ng	99
84) Bis(2-ethylhexyl)phtha...	21.295	149	1177770	9.800	ng	99
85) Di-n-octyl phthalate	22.501	149	2011265	9.601	ng	100
87) Indeno(1,2,3-cd)pyrene	27.977	276	2512454	9.716	ng	99
88) Benzo(b)fluoranthene	23.459	252	2047782	9.982	ng	100
89) Benzo(k)fluoranthene	23.524	252	1965076	9.648	ng	99
90) Benzo(a)pyrene	24.295	252	1933168	9.708	ng	98
91) Dibenzo(a,h)anthracene	28.053	278	2076587	9.792	ng	98
92) Benzo(g,h,i)perylene	29.065	276	2006207	9.658	ng	98

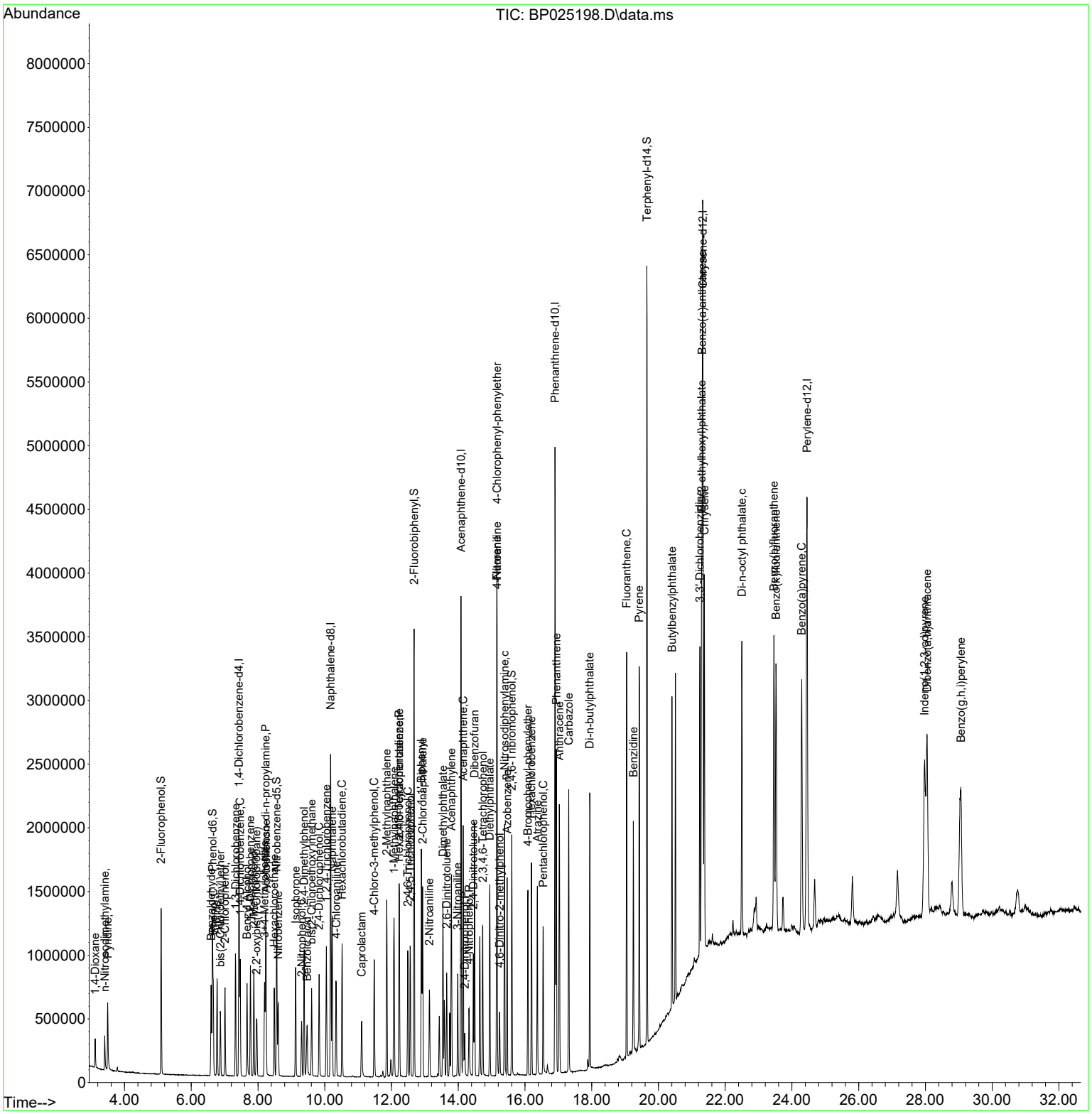
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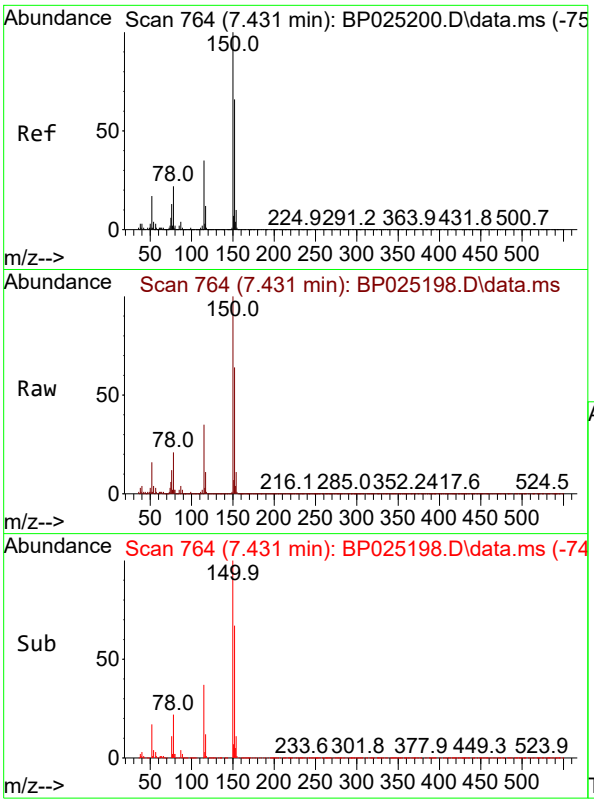
ICAL Form

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Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



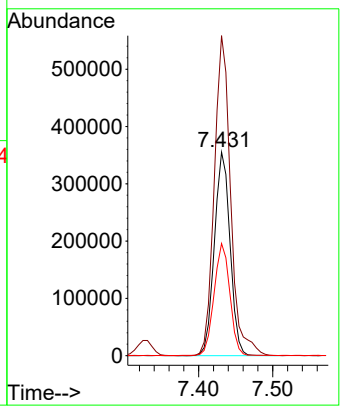


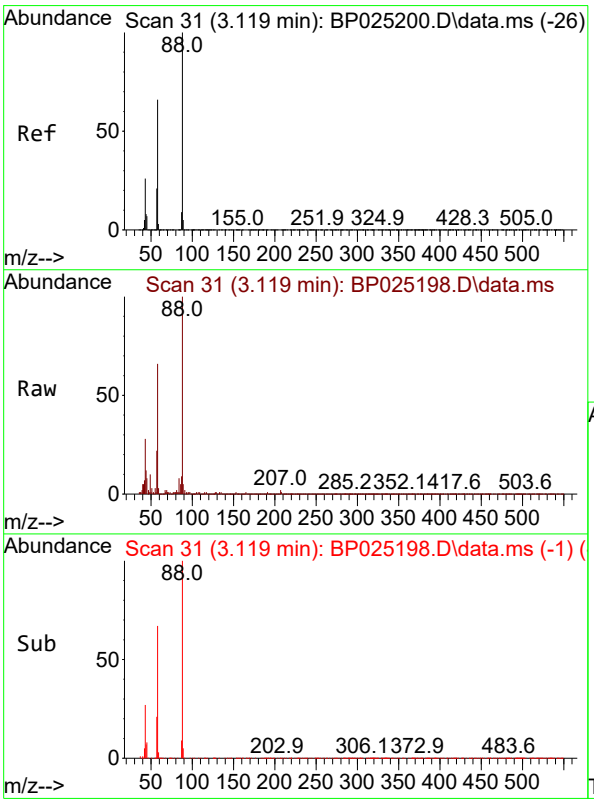
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 520728

Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.9	182.9
115	55.1	43.0	64.6

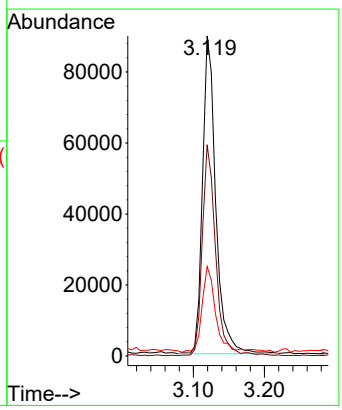


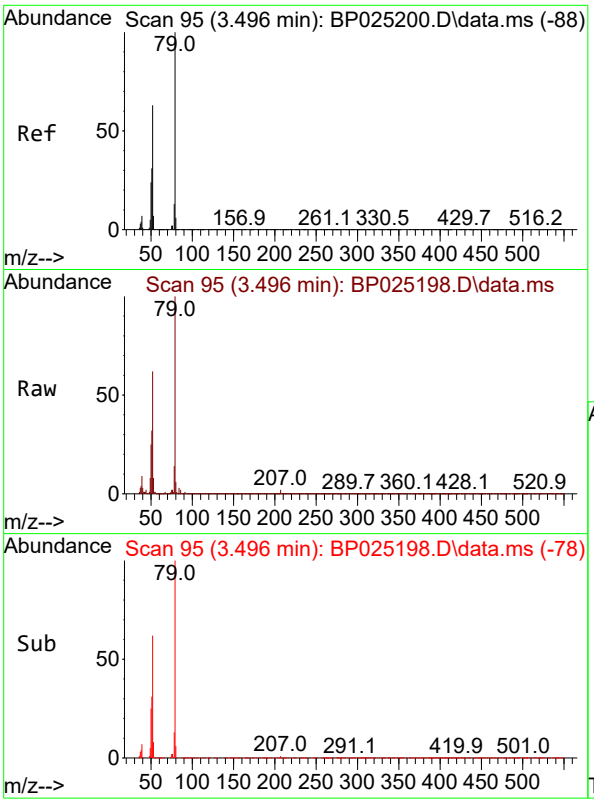


#2
1,4-Dioxane
Concen: 9.952 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 88 Resp: 116581

Ion	Ratio	Lower	Upper
88	100		
58	66.7	53.5	80.3
43	26.9	20.8	31.2



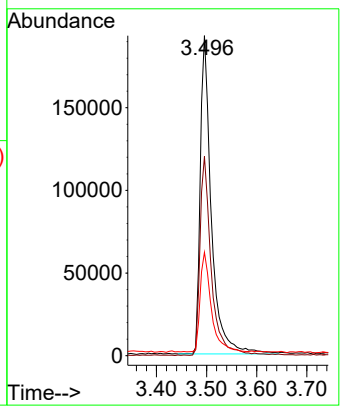


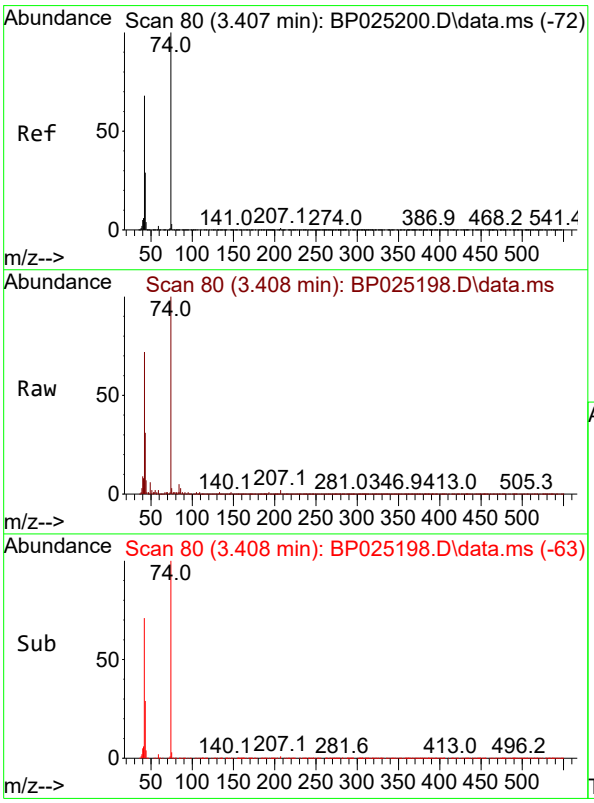
#3
Pyridine
Concen: 9.561 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 296665

Ion	Ratio	Lower	Upper
79	100		
52	62.2	50.2	75.4
51	32.3	25.0	37.4

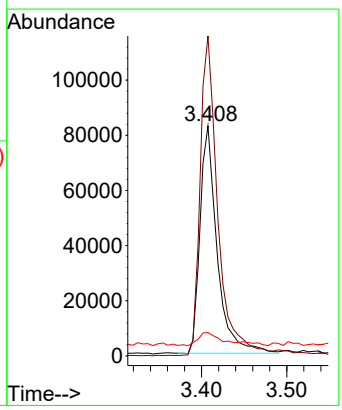


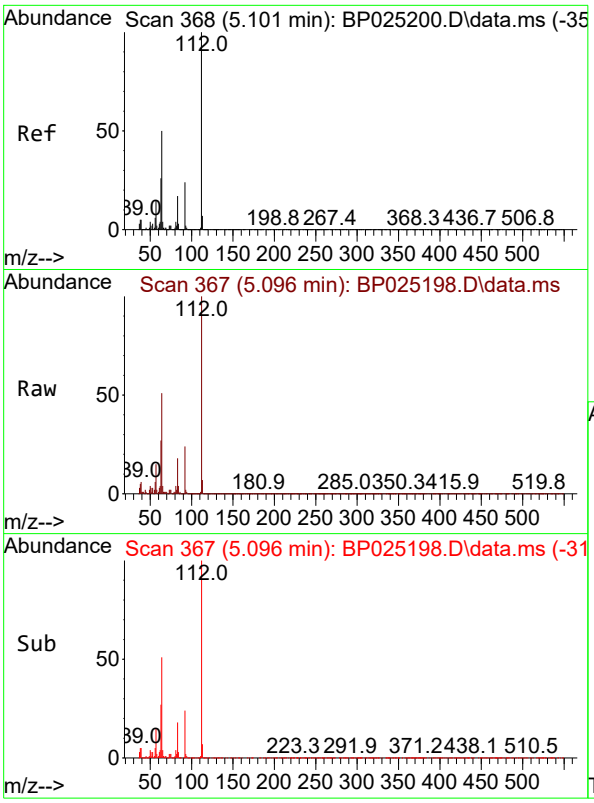


#4
n-Nitrosodimethylamine
Concen: 9.421 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 42 Resp: 115366

Ion	Ratio	Lower	Upper
42	100		
74	139.0	118.0	177.0
44	10.2	5.5	8.3#



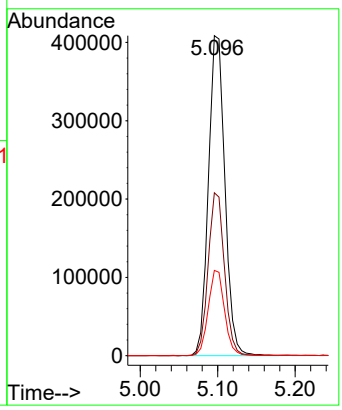


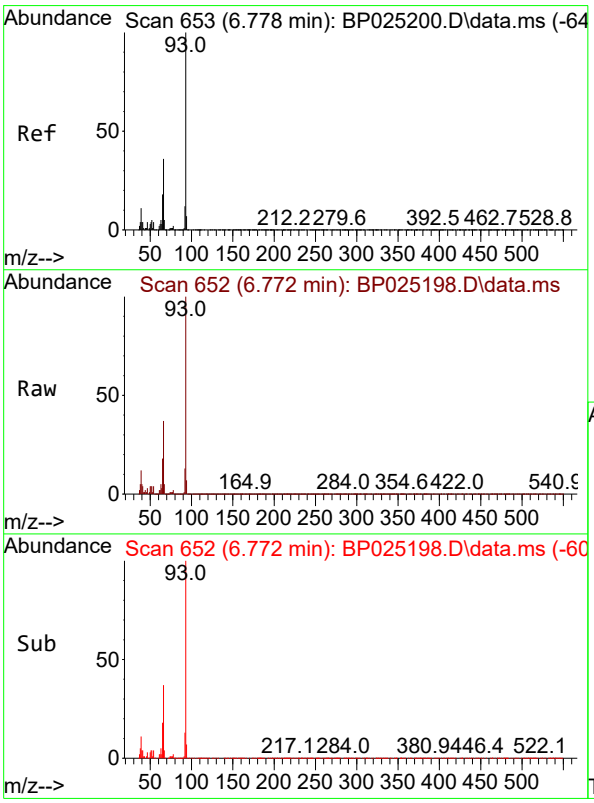
#5
2-Fluorophenol
Concen: 19.333 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 602627

Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.8	59.6
63	26.7	20.5	30.7

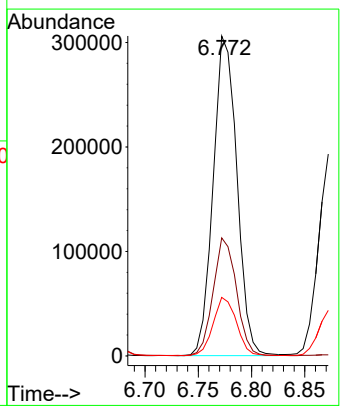


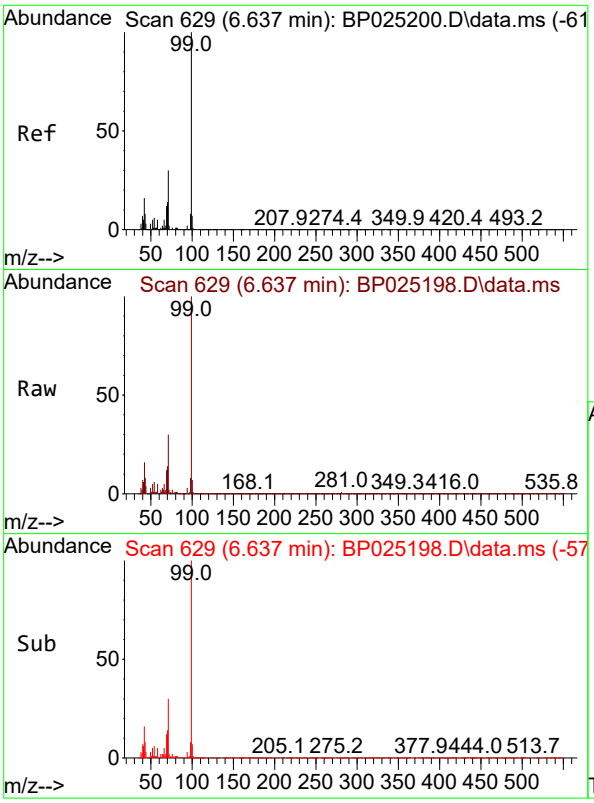


#6
Aniline
Concen: 9.455 ng
RT: 6.772 min Scan# 652
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 93 Resp: 473154

Ion	Ratio	Lower	Upper
93	100		
66	36.9	28.6	43.0
65	18.3	14.6	21.8



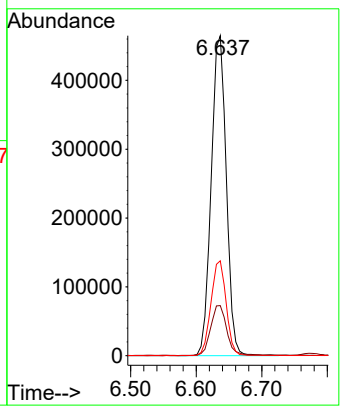


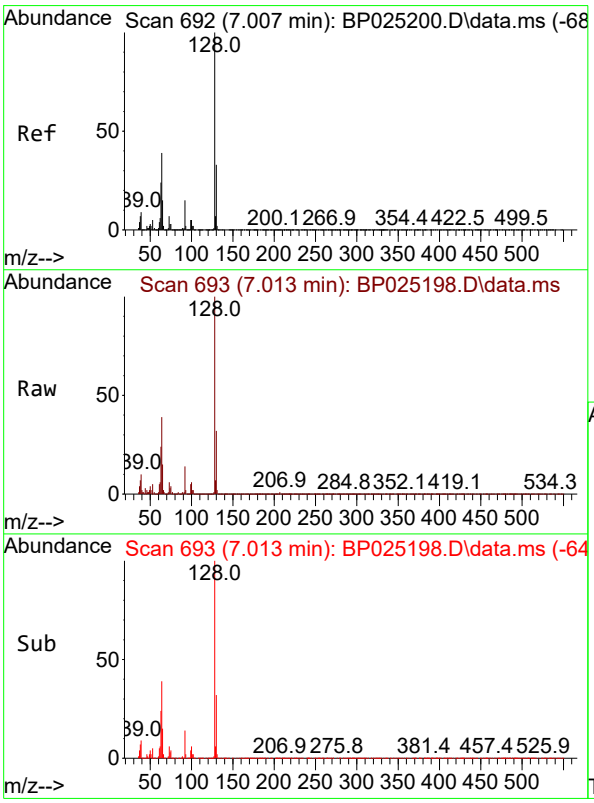
#7
Phenol-d6
Concen: 19.294 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 742472

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	29.7	24.2	36.2

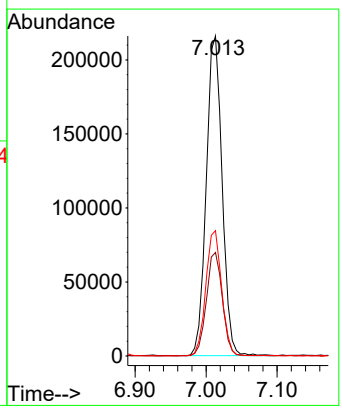


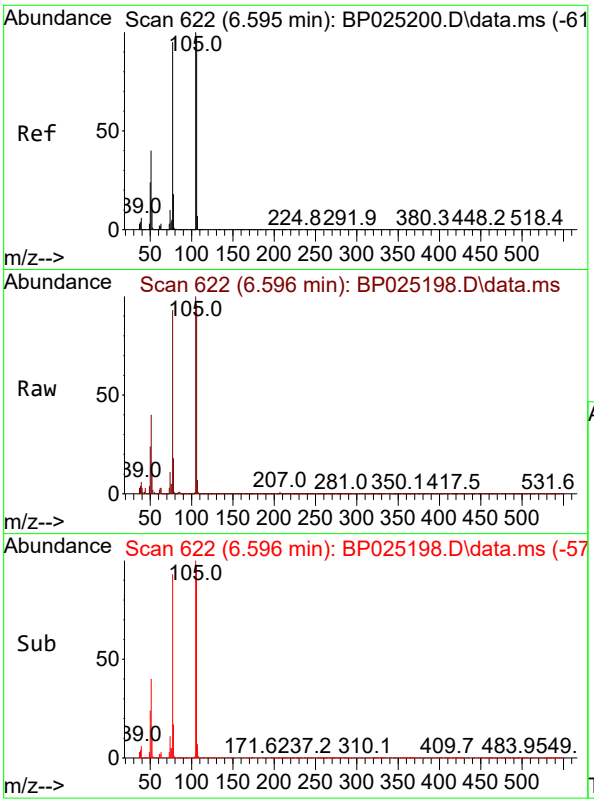


#8
2-Chlorophenol
Concen: 9.555 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:128 Resp: 335129

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	39.1	19.2	59.2



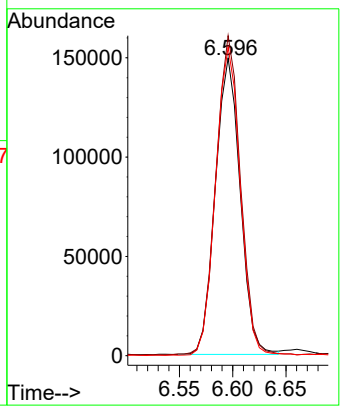


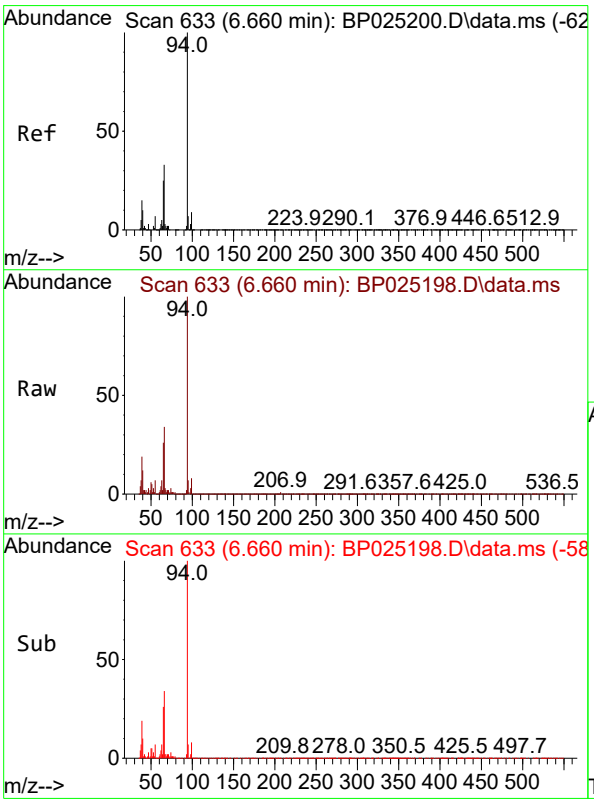
#9
Benzaldehyde
Concen: 8.757 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 240839

Ion	Ratio	Lower	Upper
77	100		
105	107.5	85.5	125.5
106	103.7	81.9	121.9

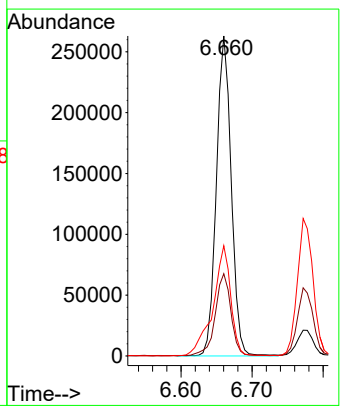


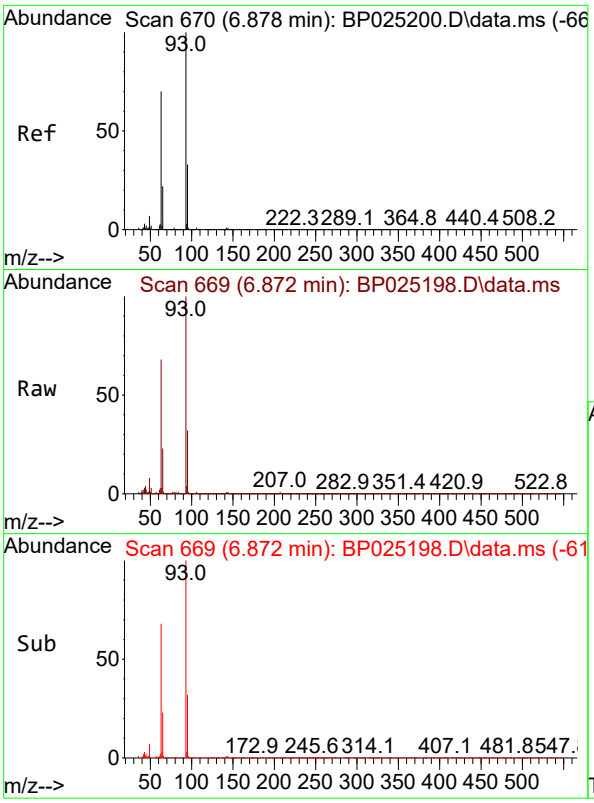


#10
Phenol
Concen: 9.573 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 94 Resp: 381137

Ion	Ratio	Lower	Upper
94	100		
65	25.7	5.4	45.4
66	34.4	13.5	53.5



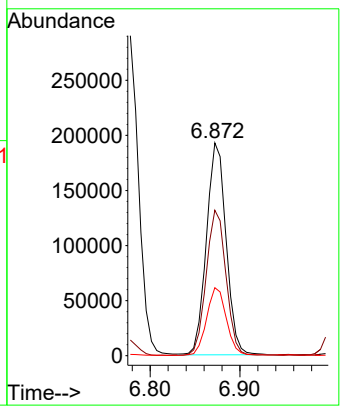


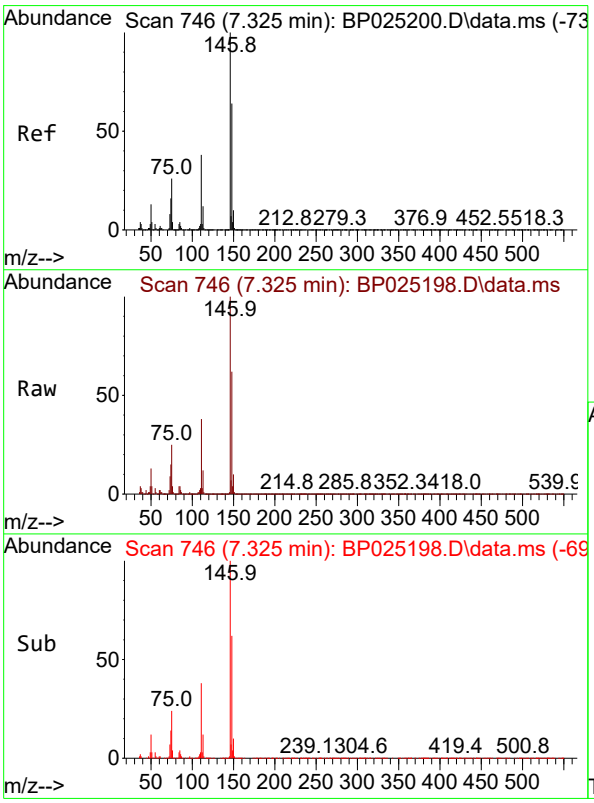
#11
bis(2-Chloroethyl)ether
Concen: 9.585 ng
RT: 6.872 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 293018

Ion	Ratio	Lower	Upper
93	100		
63	68.4	50.0	90.0
95	31.9	12.9	52.9

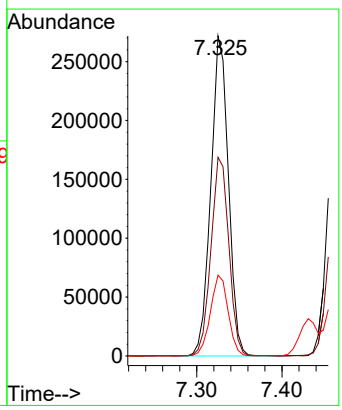


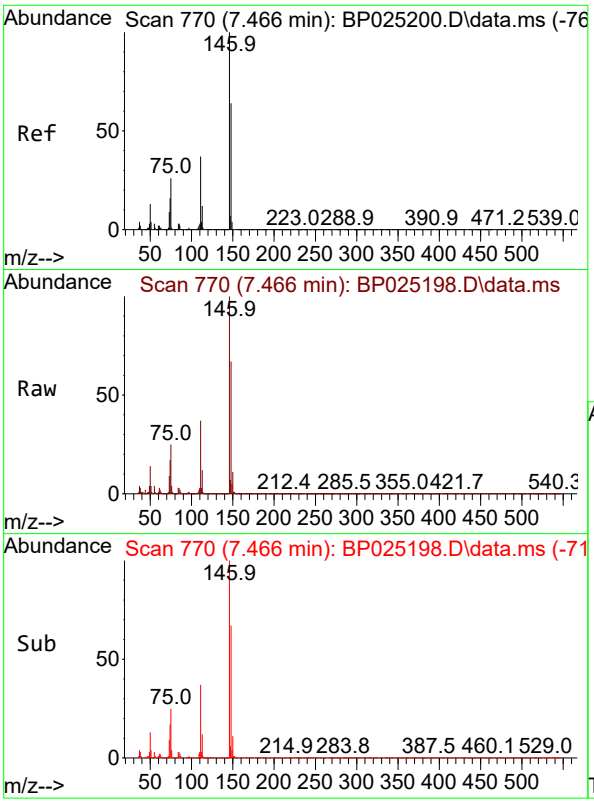


#12
1,3-Dichlorobenzene
Concen: 9.764 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:146 Resp: 388508

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.0
75	25.3	20.6	31.0



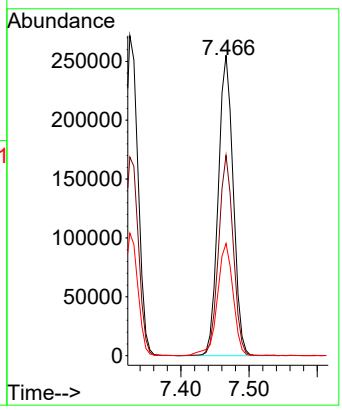


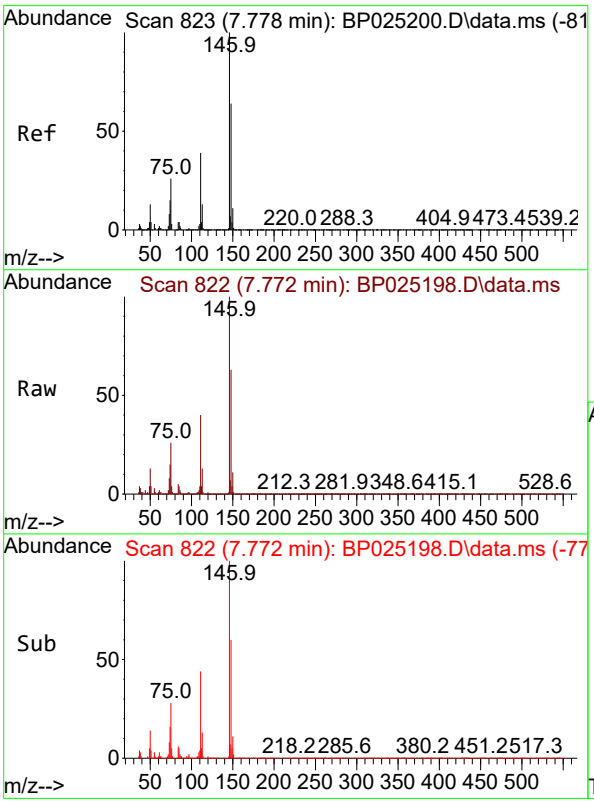
#13
1,4-Dichlorobenzene
Concen: 9.699 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 389463

Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.2
111	37.3	29.9	44.9

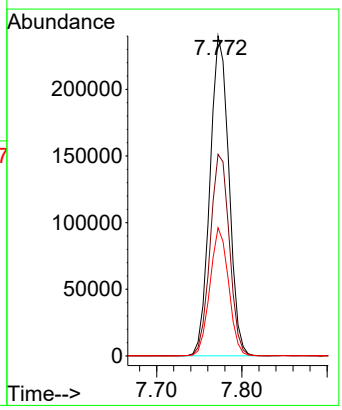


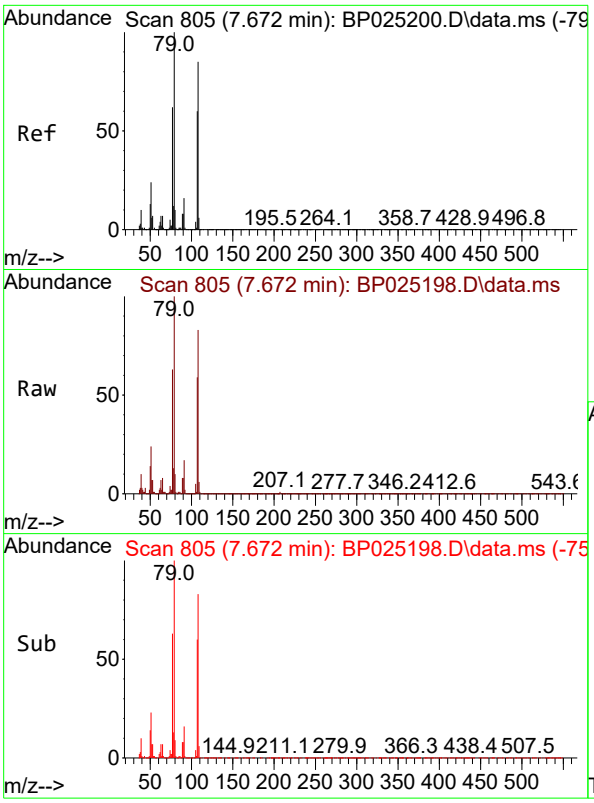


#14
1,2-Dichlorobenzene
Concen: 9.584 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:146 Resp: 369794

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.5	77.3
111	40.0	31.3	46.9



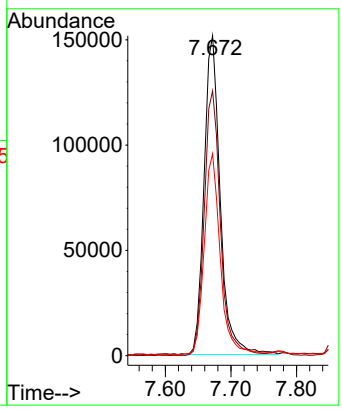


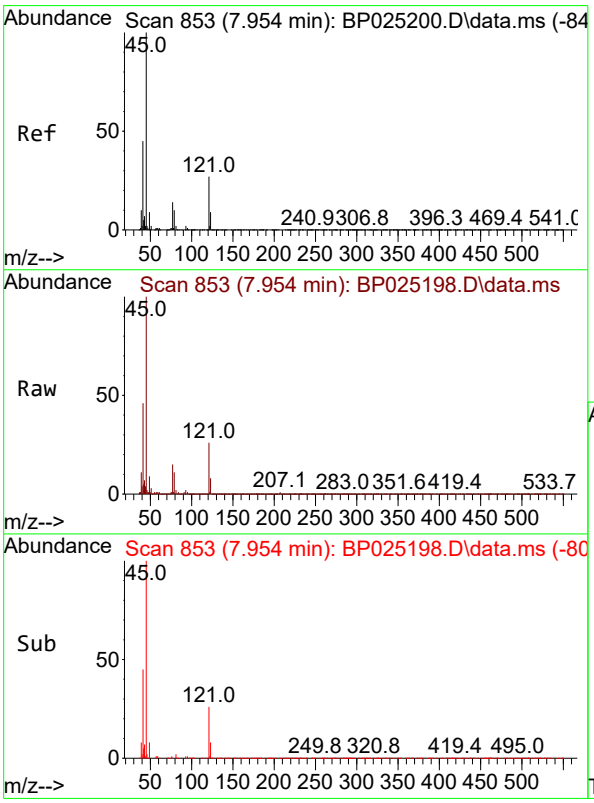
#15
Benzyl Alcohol
Concen: 9.442 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 260442

Ion	Ratio	Lower	Upper
79	100		
108	82.7	67.8	101.6
77	63.1	49.9	74.9

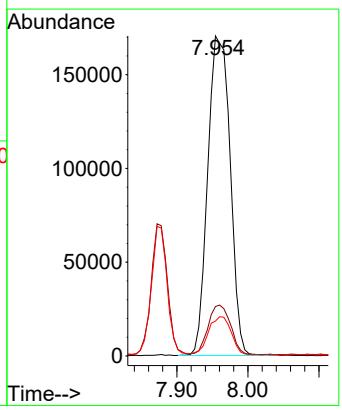


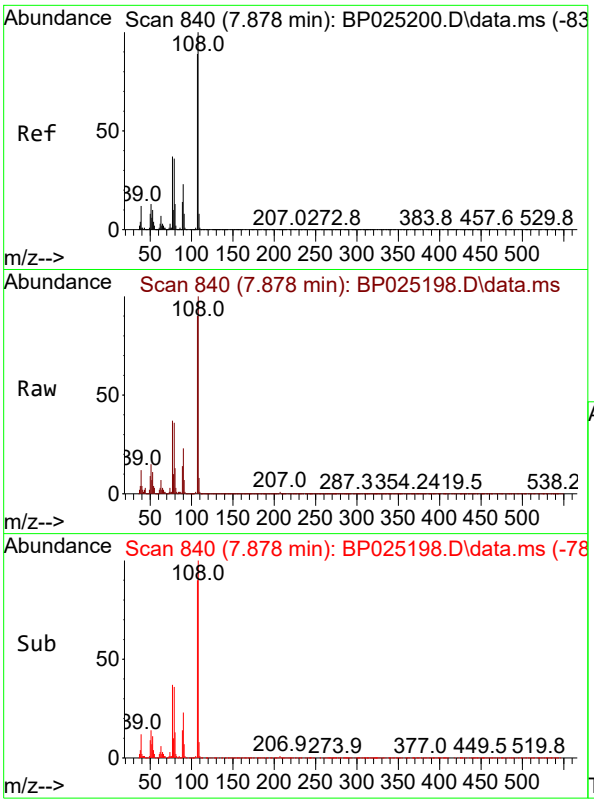


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.518 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 45 Resp: 373210

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	36.0
79	10.9	0.0	31.7



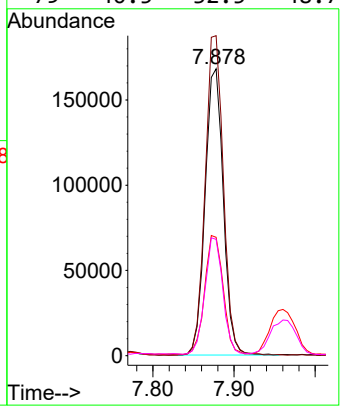


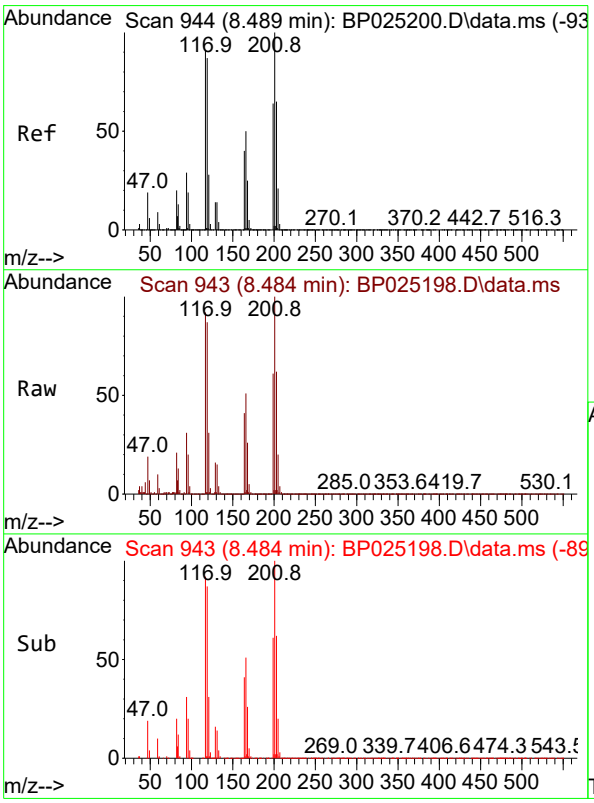
#17
2-Methylphenol
Concen: 9.483 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 261165

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.8
77	41.3	33.2	49.8
79	40.5	32.5	48.7

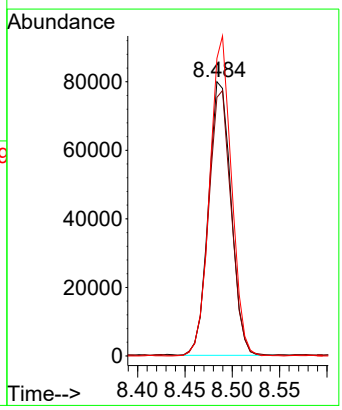


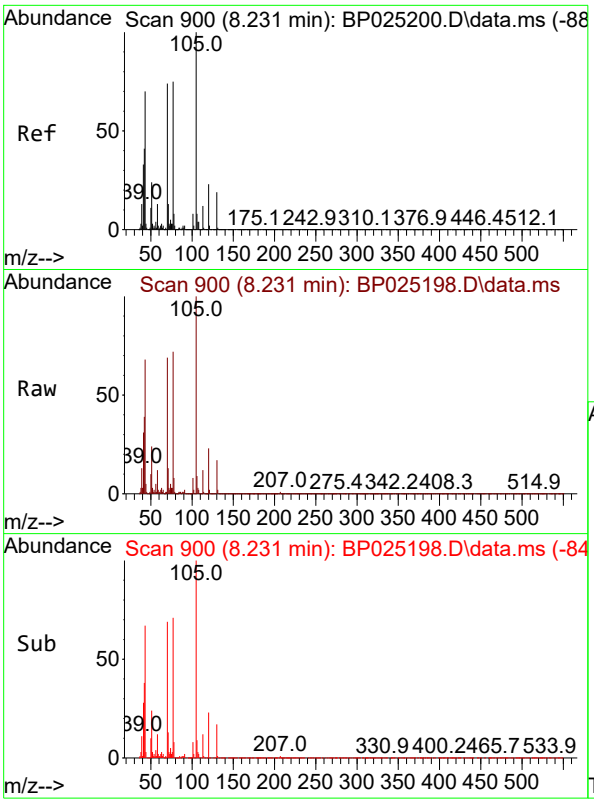


#18
Hexachloroethane
Concen: 9.677 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:117 Resp: 132688

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.0	115.6
201	108.5	88.3	132.5



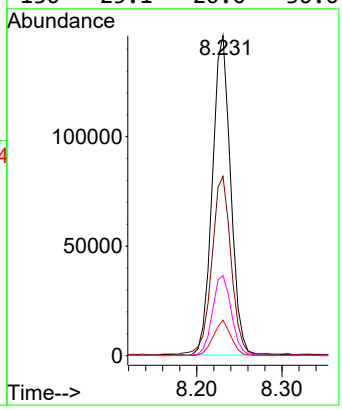


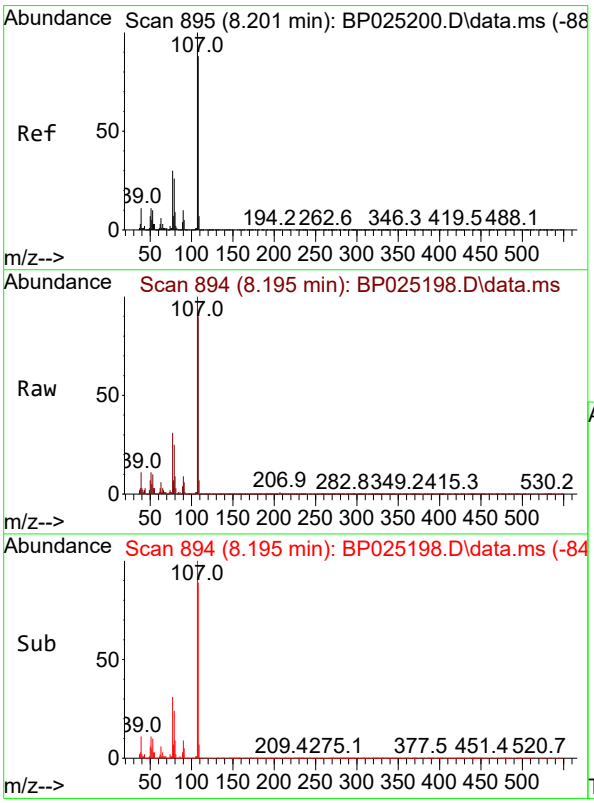
#19
n-Nitroso-di-n-propylamine
Concen: 9.392 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 217824

Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.2	66.2
101	11.1	8.6	12.8
130	25.1	20.0	30.0

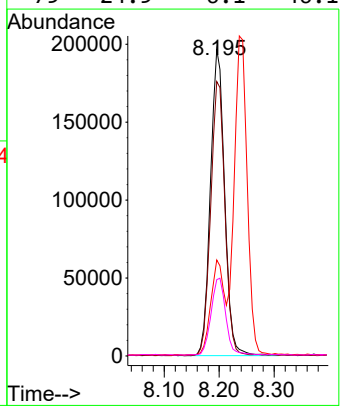


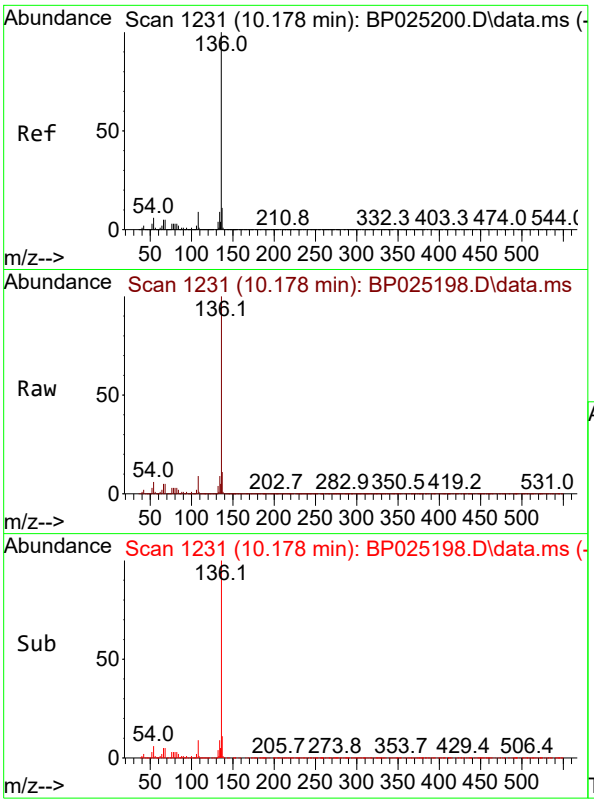


#20
3+4-Methylphenols
Concen: 9.371 ng
RT: 8.195 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:107 Resp: 352479

Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.8	107.8
77	31.3	10.3	50.3
79	24.9	6.1	46.1



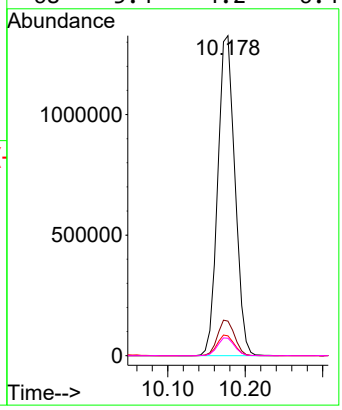


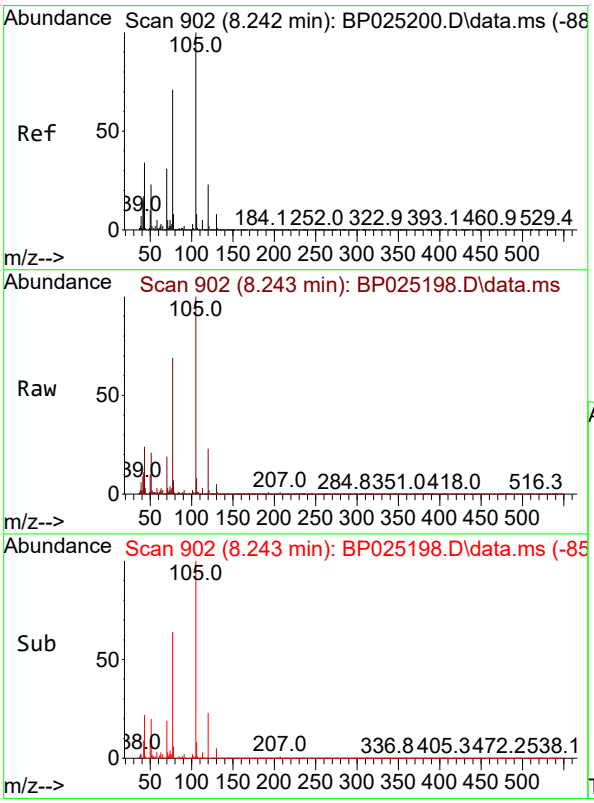
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 2046616

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.2	5.1	7.7
68	5.4	4.2	6.4

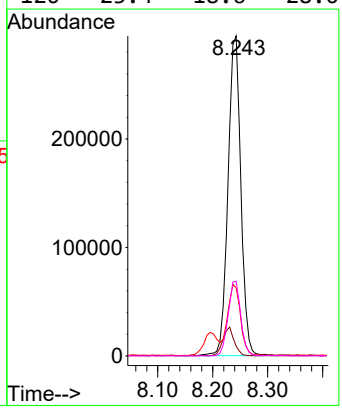


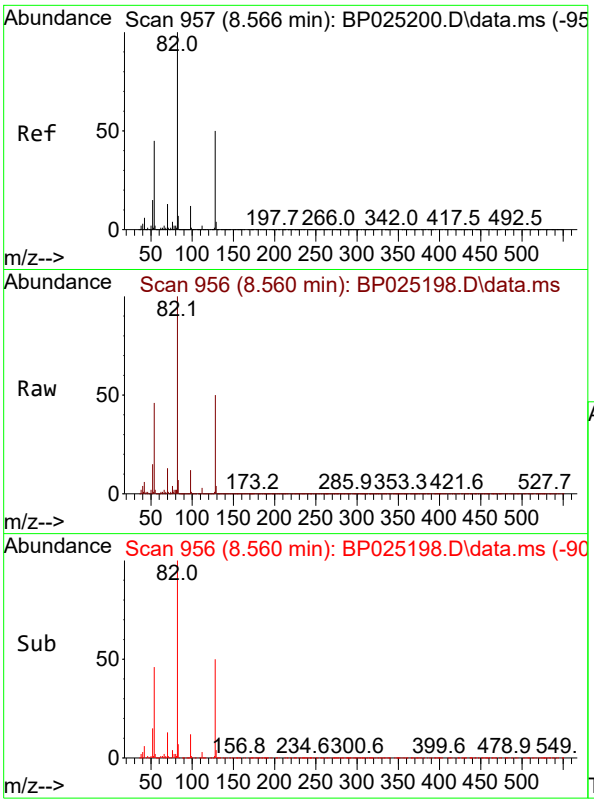


#22
Acetophenone
Concen: 9.878 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:105 Resp: 478842

Ion	Ratio	Lower	Upper
105	100		
71	3.1	4.1	6.1#
51	21.3	18.5	27.7
120	23.4	18.6	28.0



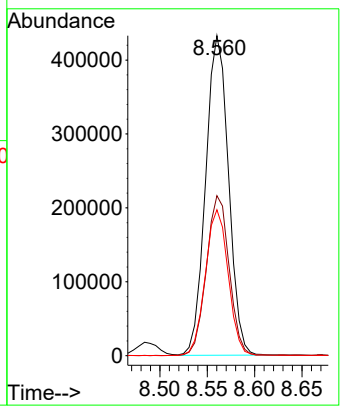


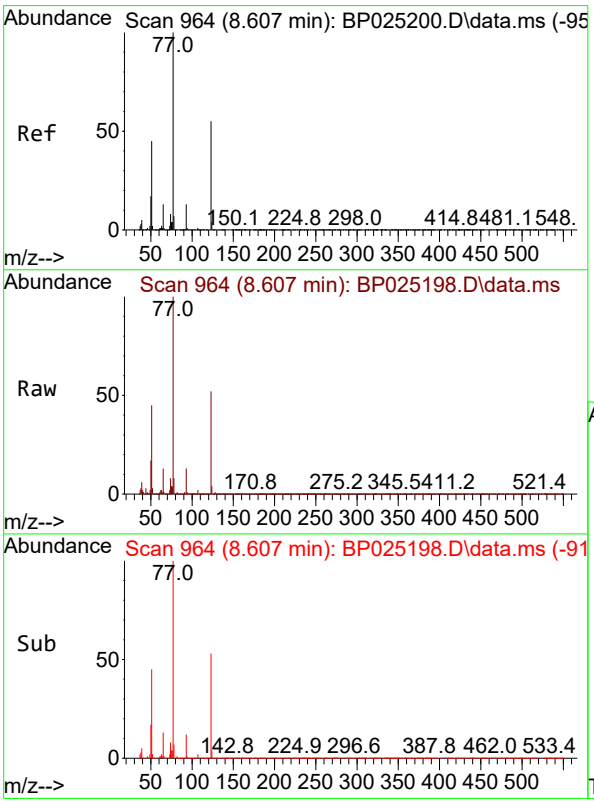
#23
Nitrobenzene-d5
Concen: 19.470 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 726773

Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.2	60.4
54	45.6	36.3	54.5

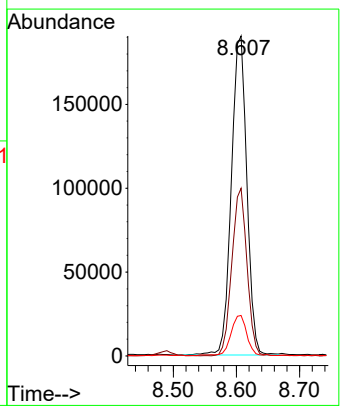


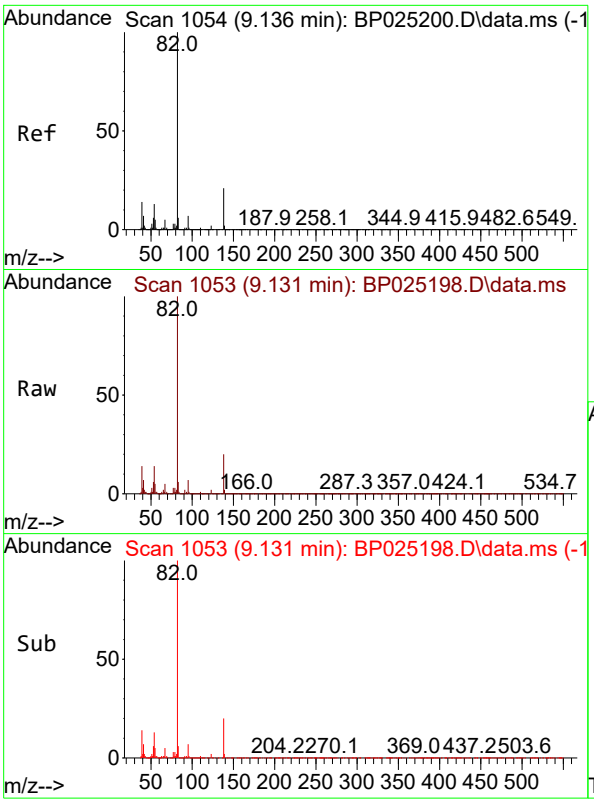


#24
Nitrobenzene
Concen: 9.800 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 77 Resp: 324205

Ion	Ratio	Lower	Upper
77	100		
123	52.4	43.6	65.4
65	12.6	10.2	15.2



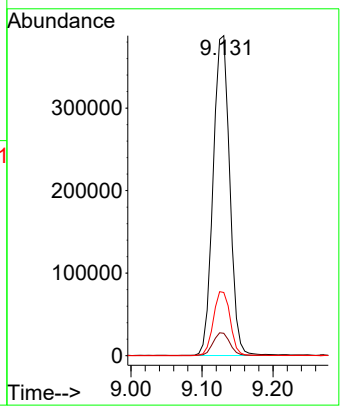


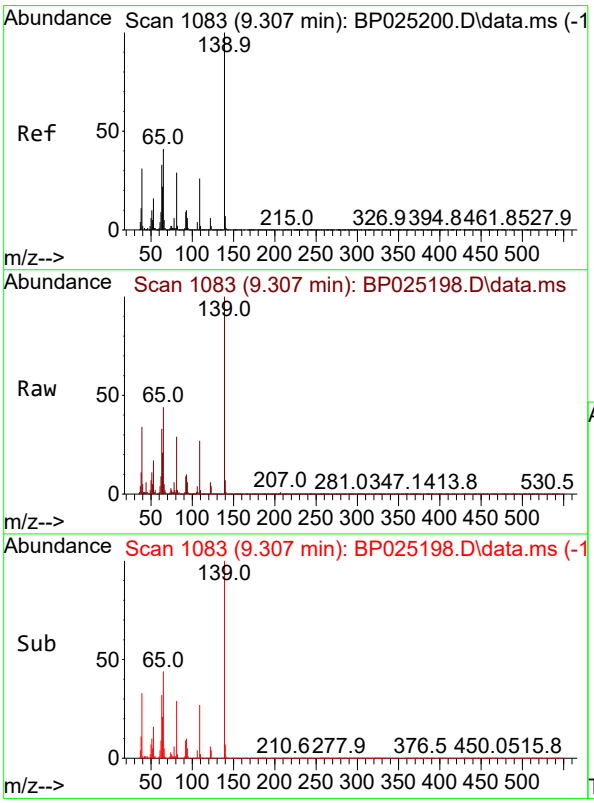
#25
Isophorone
Concen: 9.598 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 627451

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.8	16.6	25.0

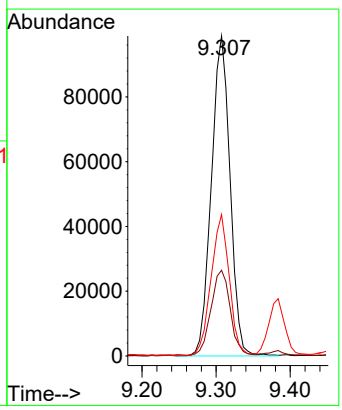


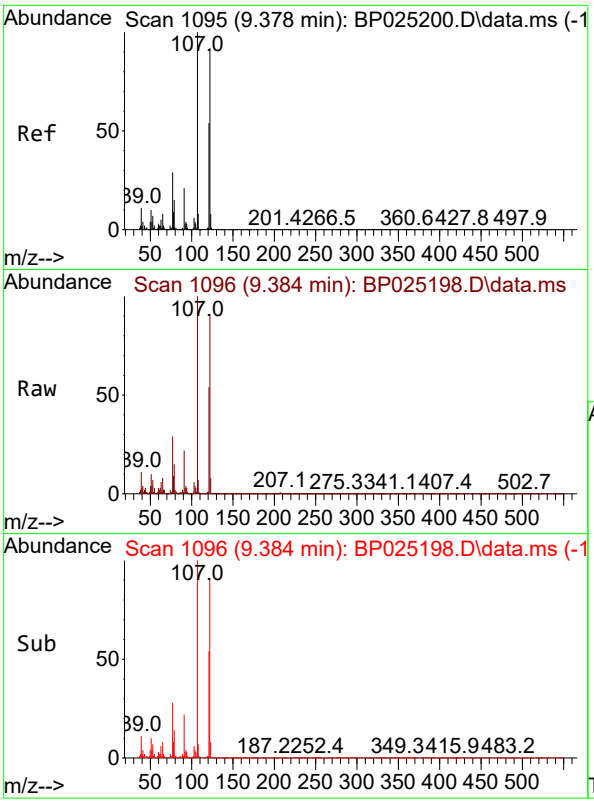


#26
2-Nitrophenol
Concen: 9.287 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:139 Resp: 172919

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.0	31.6
65	44.2	32.7	49.1



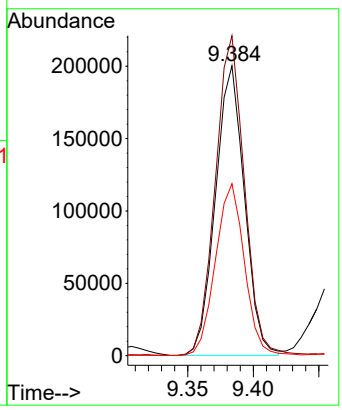


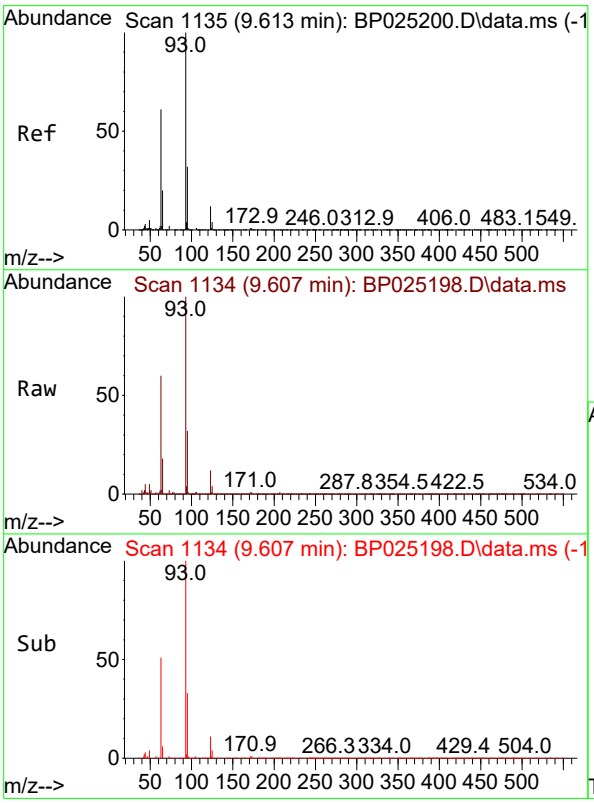
#27
2,4-Dimethylphenol
Concen: 9.690 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 307178

Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.0	130.4
121	59.3	46.7	70.1

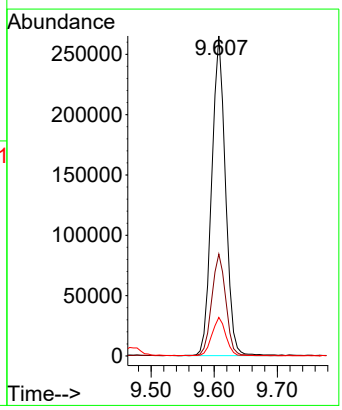


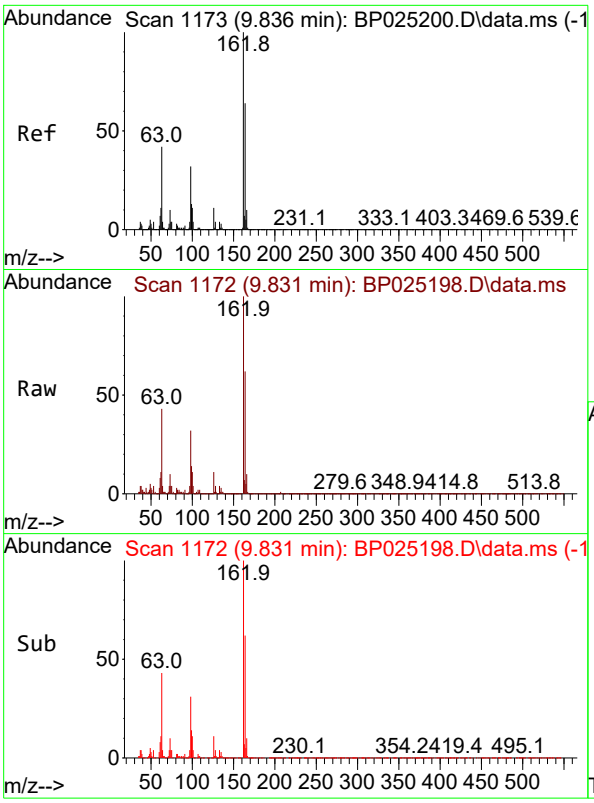


#28
bis(2-Chloroethoxy)methane
Concen: 9.745 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 93 Resp: 399970

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.0	39.0
123	12.1	9.8	14.6



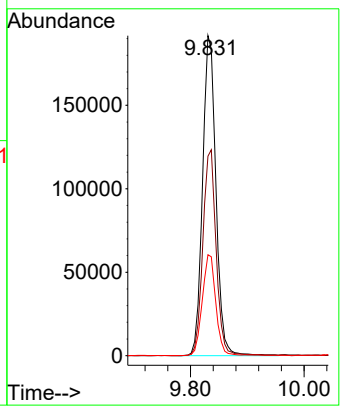


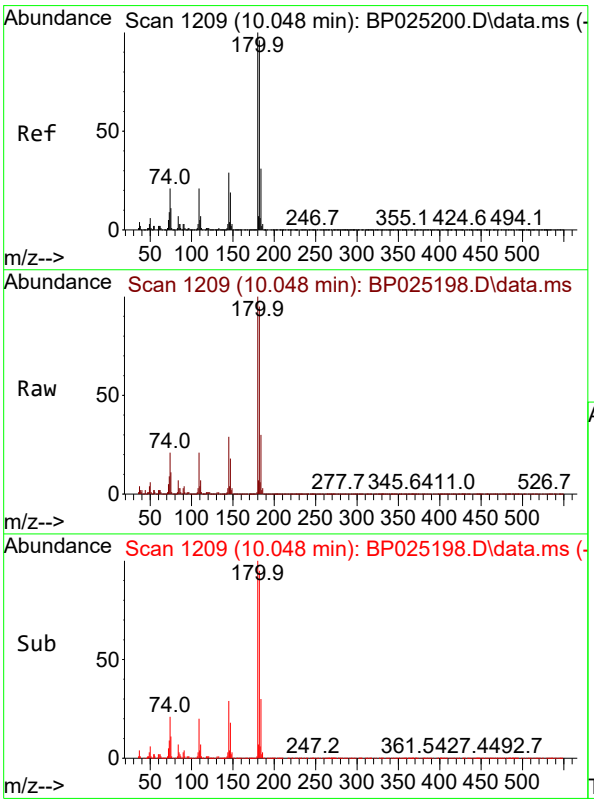
#29
2,4-Dichlorophenol
Concen: 9.603 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 312211

Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.2	84.2
98	31.6	11.7	51.7

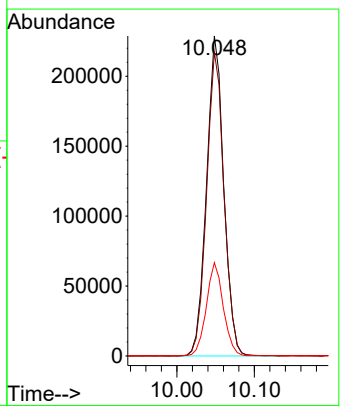


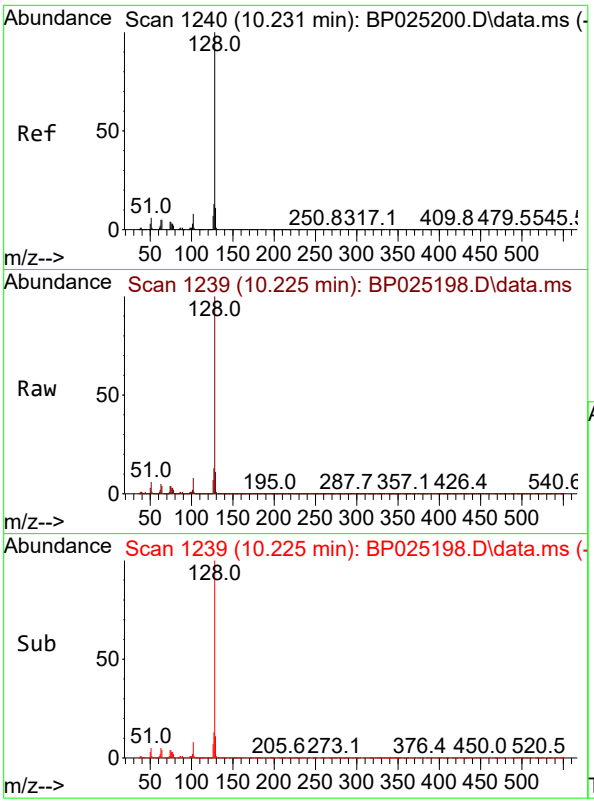


#30
1,2,4-Trichlorobenzene
Concen: 9.881 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:180 Resp: 353497

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
145	29.2	23.5	35.3



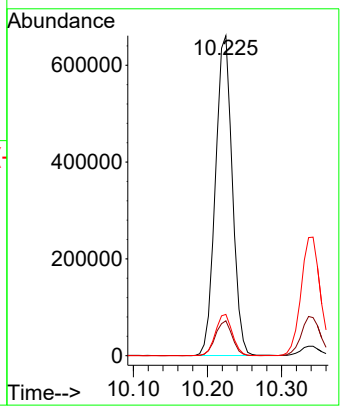


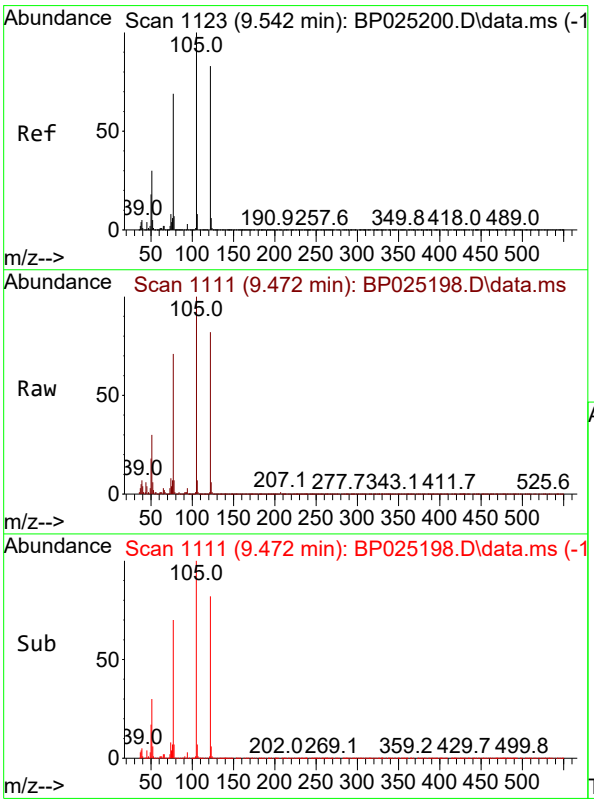
#31
Naphthalene
Concen: 9.771 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 1041389

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	10.4	15.6

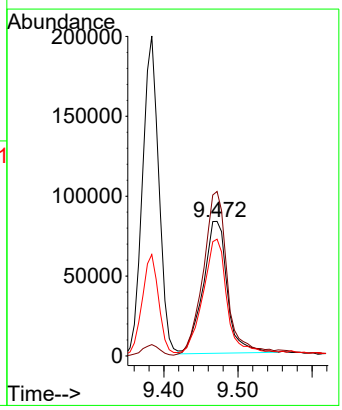


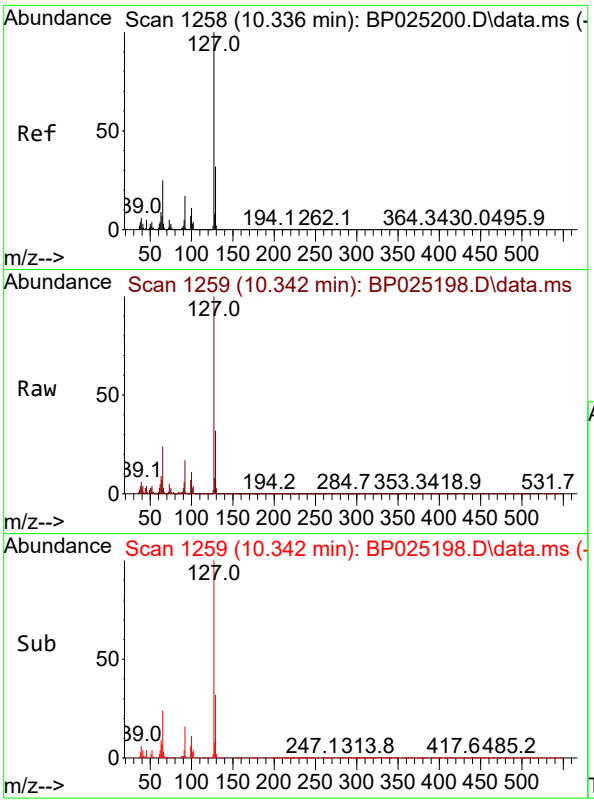


#32
Benzoic acid
Concen: 8.056 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.070 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:122 Resp: 186508

Ion	Ratio	Lower	Upper
122	100		
105	122.2	98.1	138.1
77	86.8	62.7	102.7



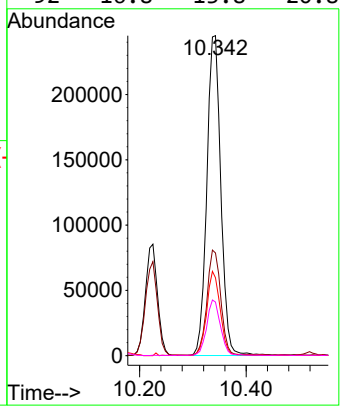


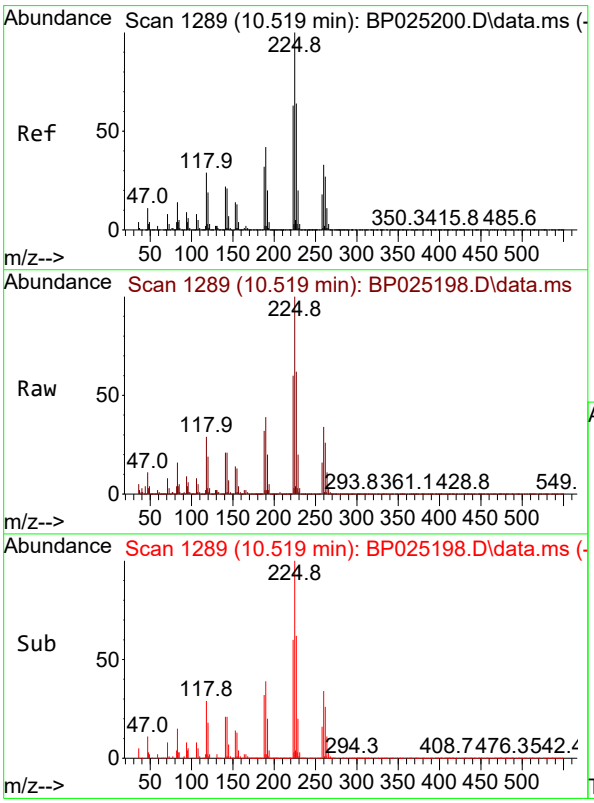
#33
4-Chloroaniline
Concen: 9.674 ng
RT: 10.342 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 447675

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	24.4	20.2	30.4
92	16.8	13.8	20.8

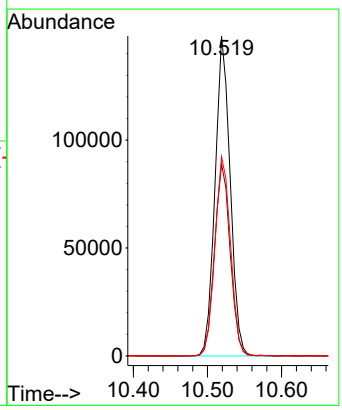


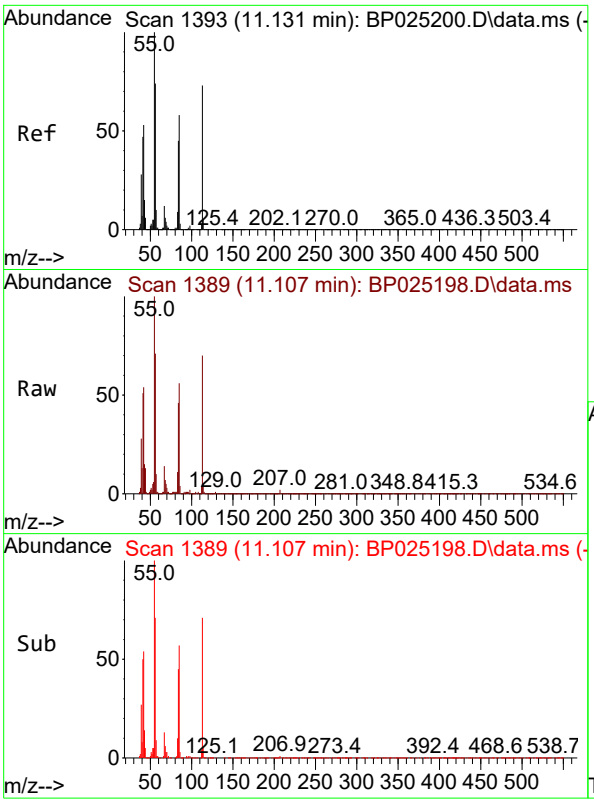


#34
Hexachlorobutadiene
Concen: 9.775 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:225 Resp: 210009

Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.1	75.1
227	62.2	51.4	77.0



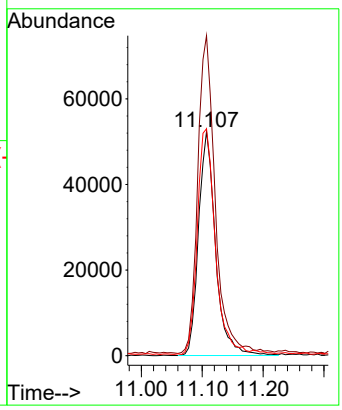


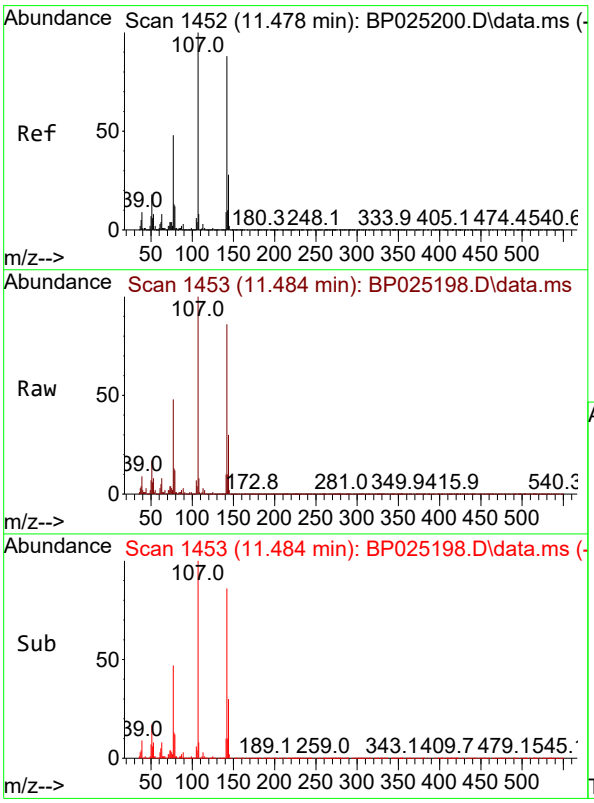
#35
Caprolactam
Concen: 9.495 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 101593

Ion	Ratio	Lower	Upper
113	100		
55	142.7	117.6	157.6
56	101.2	82.4	122.4

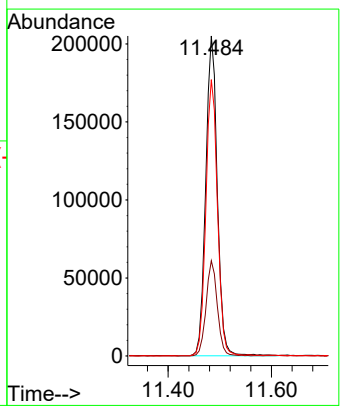


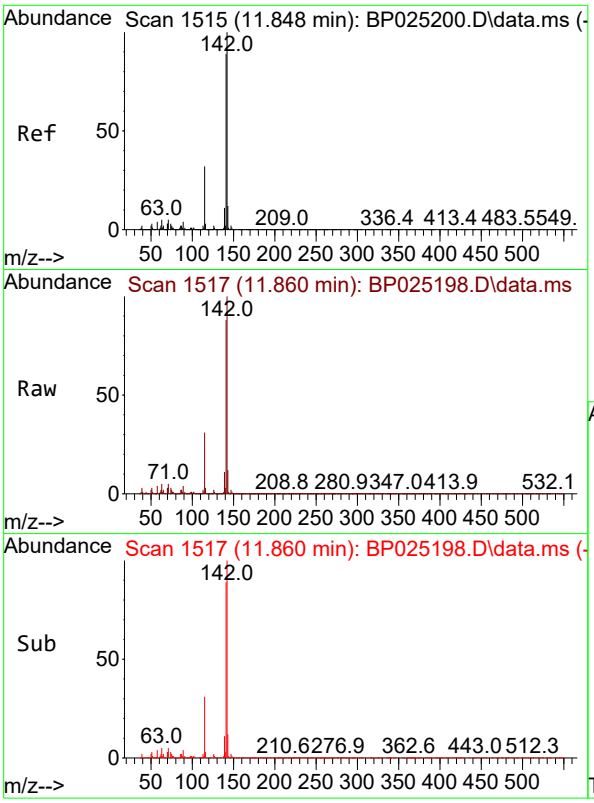


#36
4-Chloro-3-methylphenol
Concen: 9.801 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:107 Resp: 318251

Ion	Ratio	Lower	Upper
107	100		
144	29.8	22.5	33.7
142	86.3	70.6	105.8



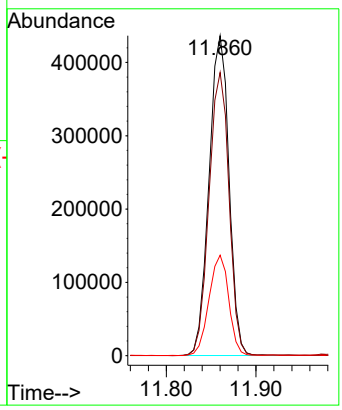


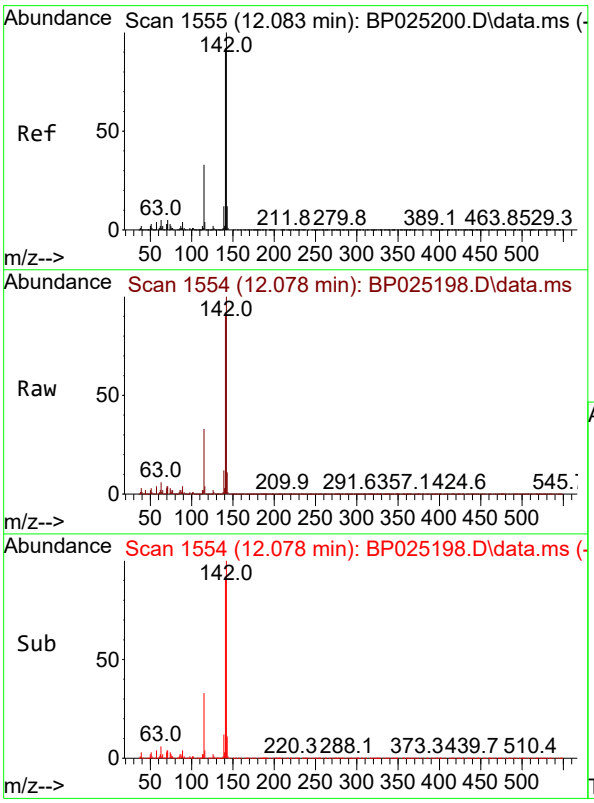
#37
2-Methylnaphthalene
Concen: 9.778 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 674086

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8
115	31.4	25.3	37.9

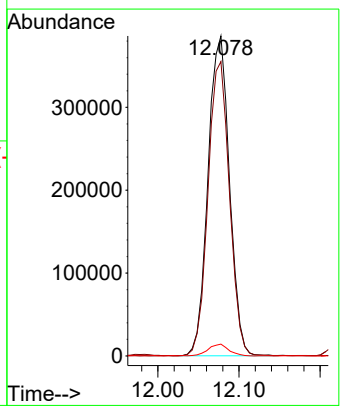


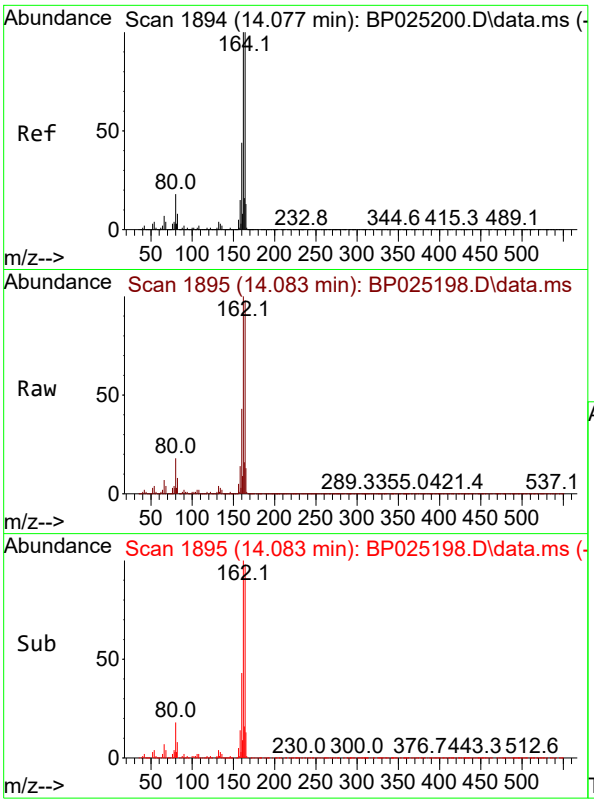


#38
1-Methylnaphthalene
Concen: 9.738 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:142 Resp: 708010

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	3.7	2.8	4.2



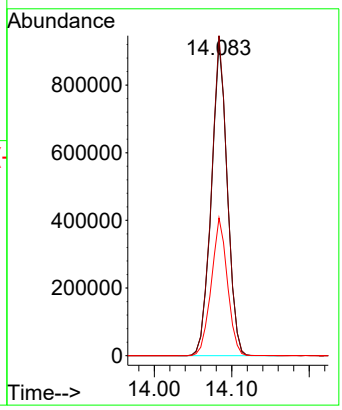


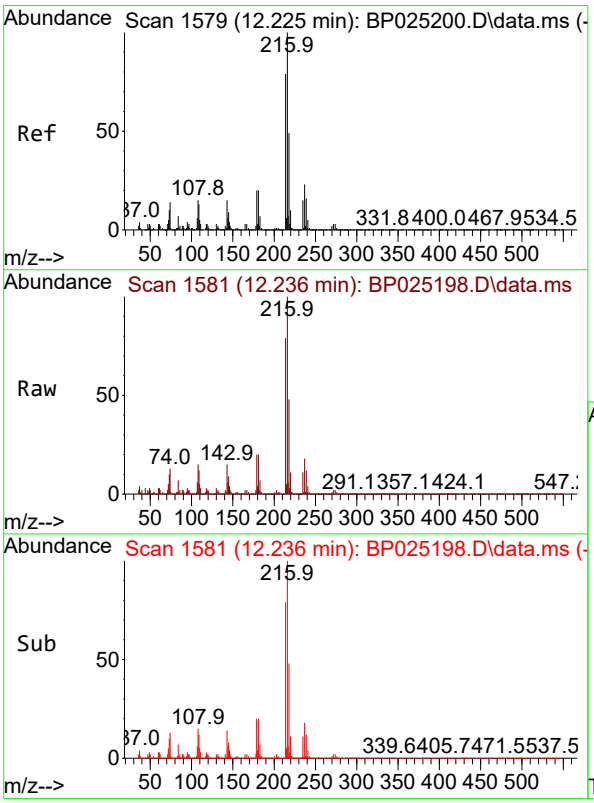
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 1320566

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.3	120.5
160	44.1	35.7	53.5

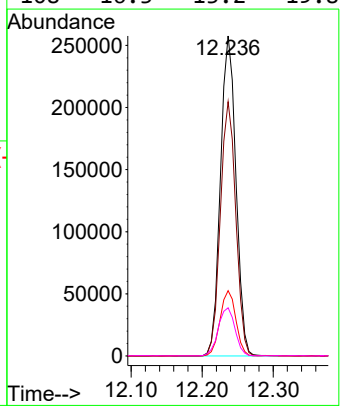


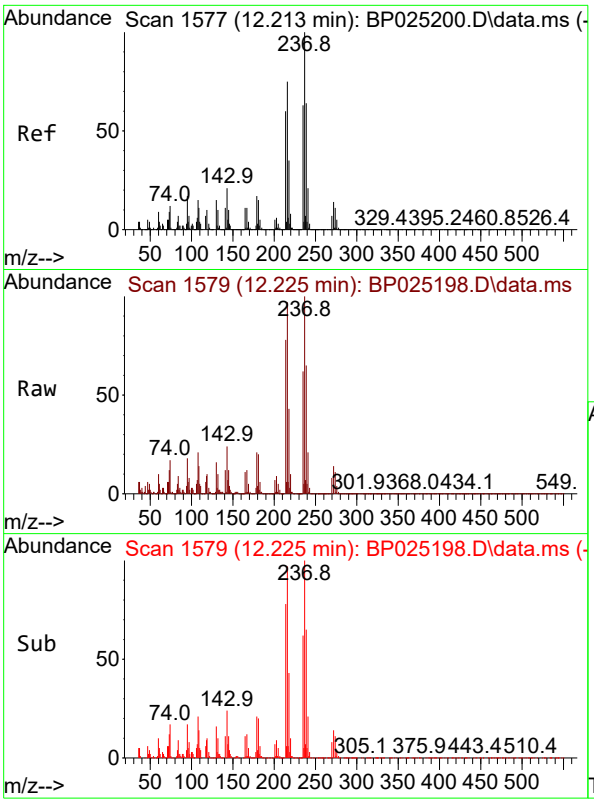


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.708 ng
RT: 12.236 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:216 Resp: 388223

Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.7	94.1
179	20.8	16.2	24.4
108	16.3	13.2	19.8



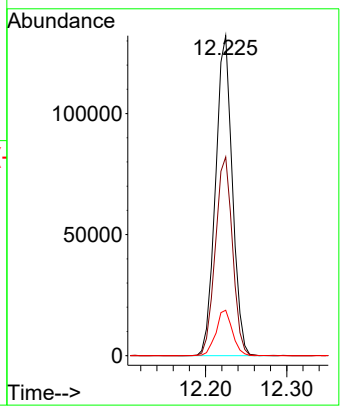


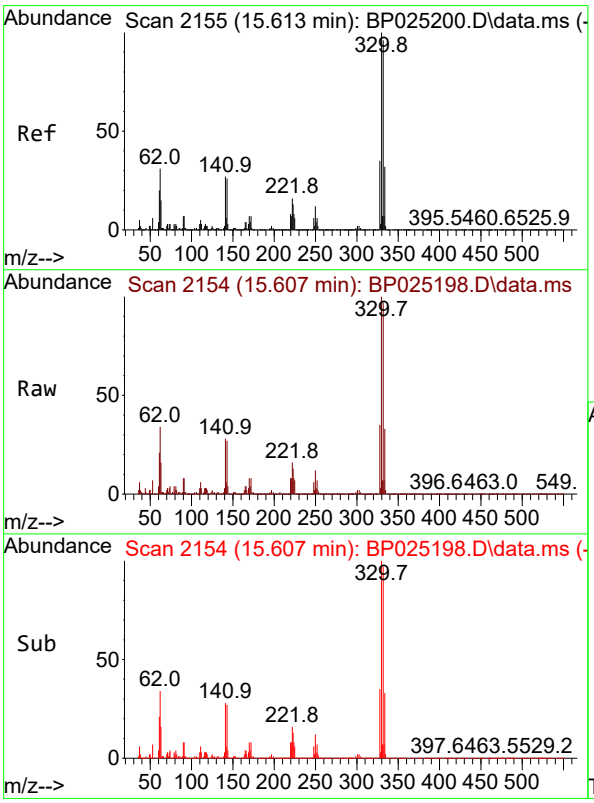
#41
Hexachlorocyclopentadiene
Concen: 8.380 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 190047

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.7	82.7
272	14.2	0.0	33.6

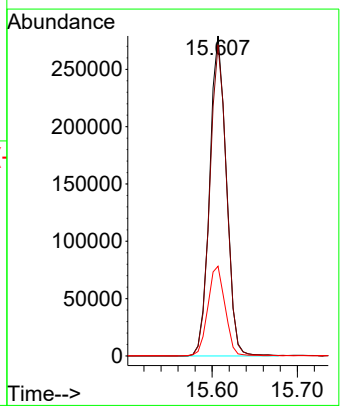


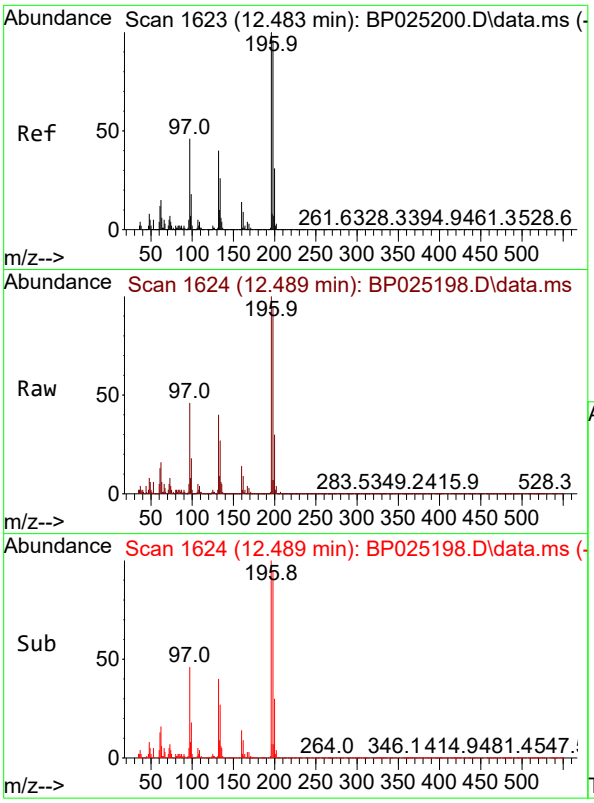


#42
2,4,6-Tribromophenol
Concen: 19.375 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:330 Resp: 380466

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	28.8	22.4	33.6



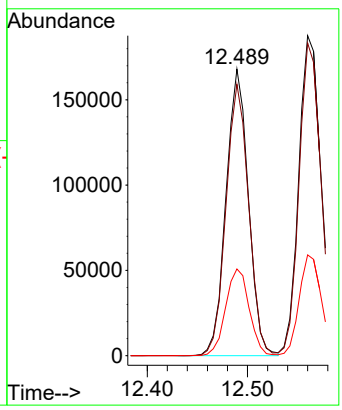


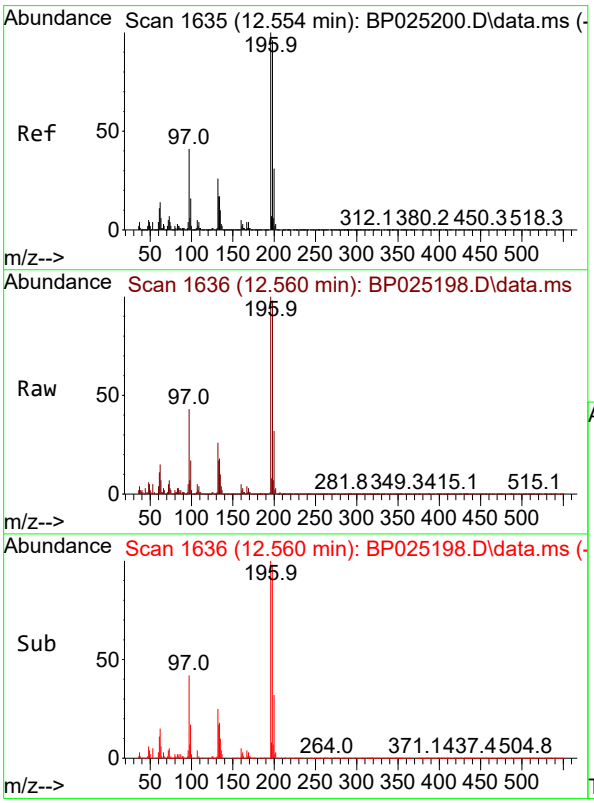
#43
2,4,6-Trichlorophenol
Concen: 9.640 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 260478

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.6	114.8
200	30.3	24.7	37.1

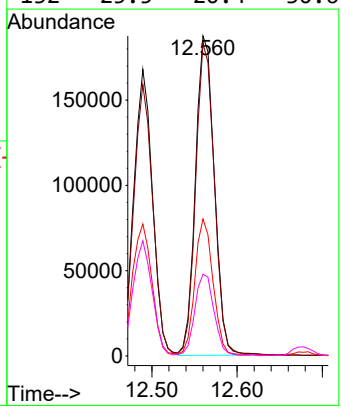


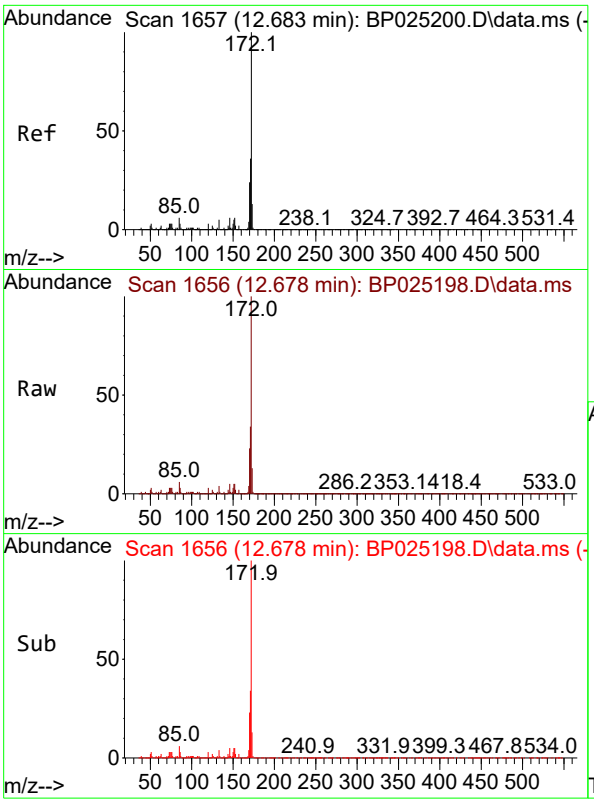


#44
2,4,5-Trichlorophenol
Concen: 9.717 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:196 Resp: 289420

Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.7	115.1
97	42.8	33.0	49.4
132	25.5	20.4	30.6



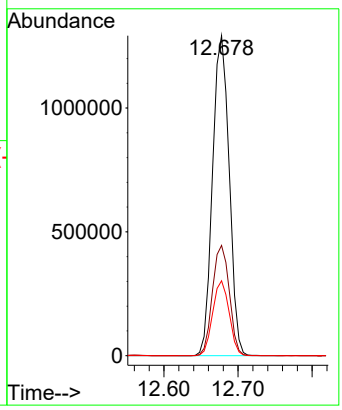


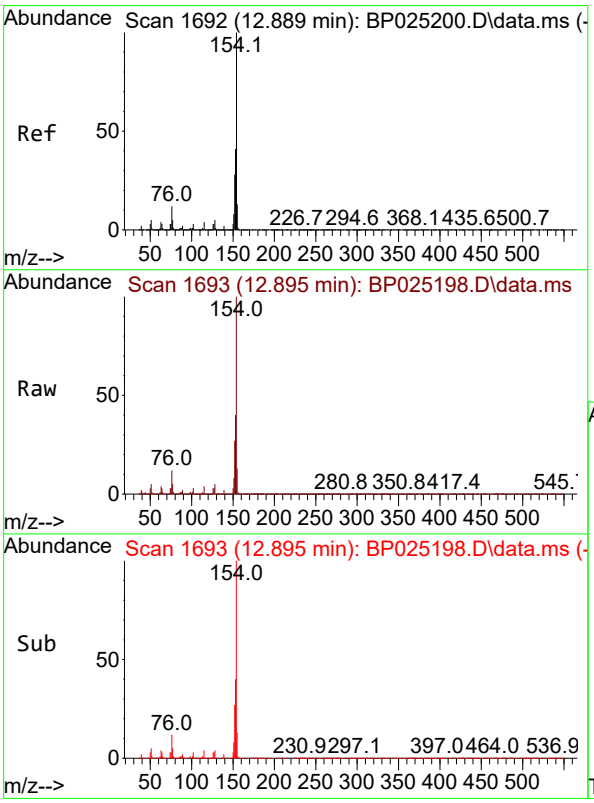
#45
2-Fluorobiphenyl
Concen: 20.189 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 2013844

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.8	43.2
170	23.4	19.2	28.8

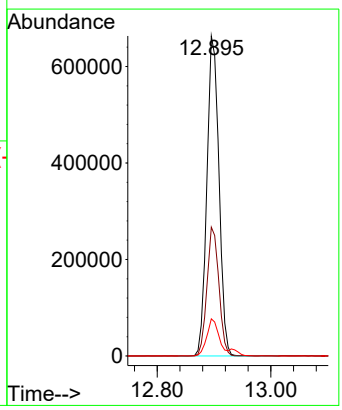


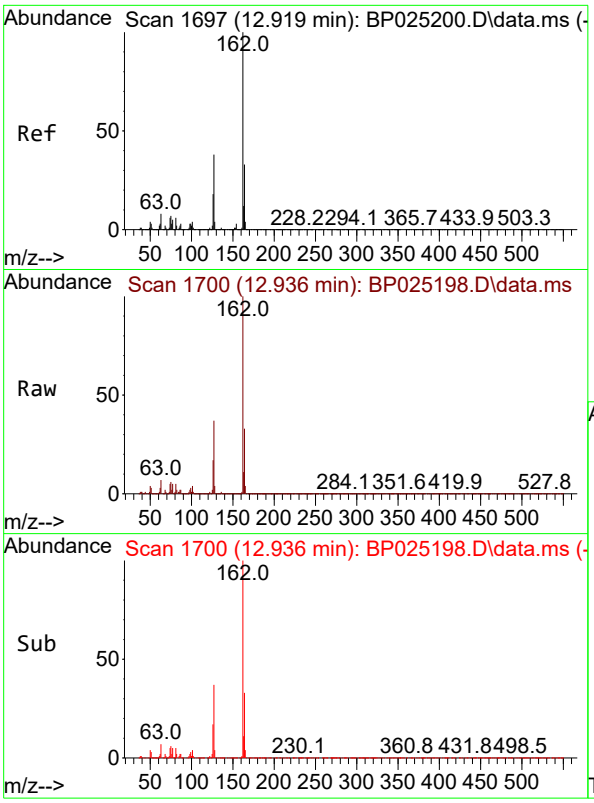


#46
1,1'-Biphenyl
Concen: 9.969 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:154 Resp: 973396

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.8	60.8
76	11.6	0.0	31.6



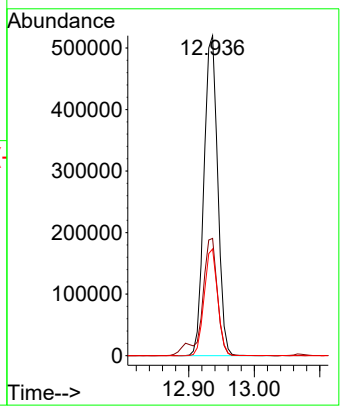


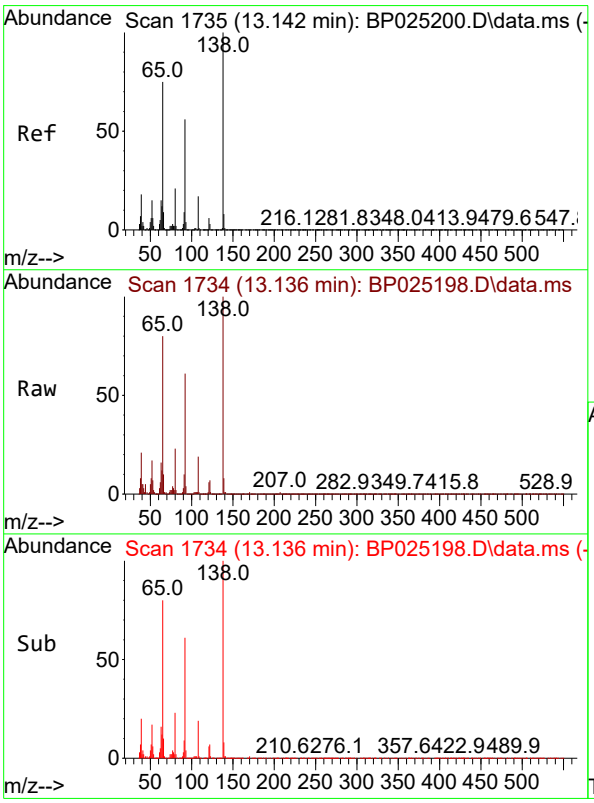
#47
2-Chloronaphthalene
Concen: 9.989 ng
RT: 12.936 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 755649

Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.1	45.1
164	33.3	26.5	39.7

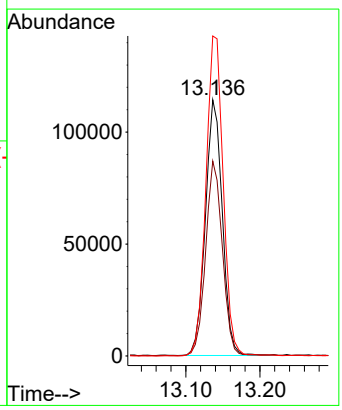


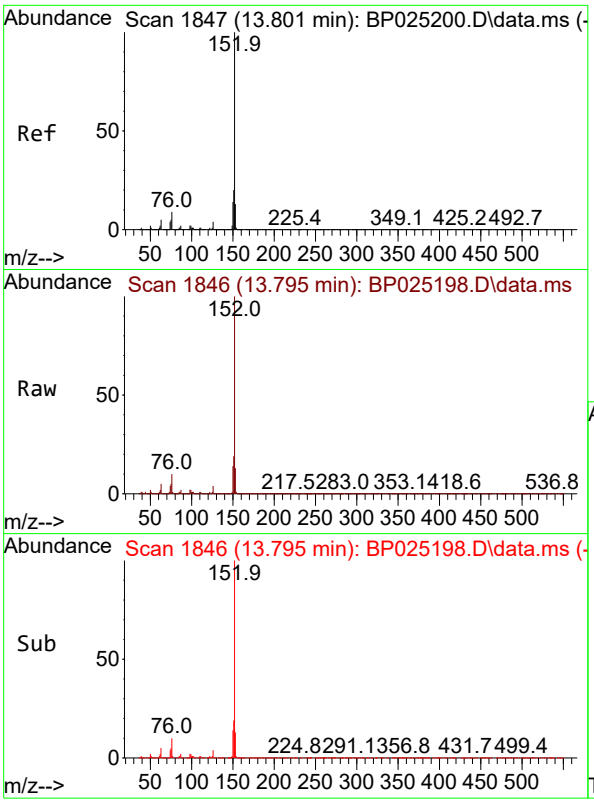


#48
2-Nitroaniline
Concen: 9.541 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 65 Resp: 181056

Ion	Ratio	Lower	Upper
65	100		
92	76.1	59.9	89.9
138	124.9	107.1	160.7



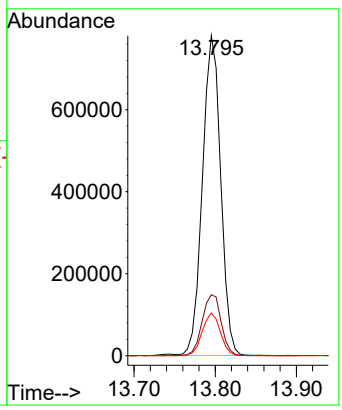


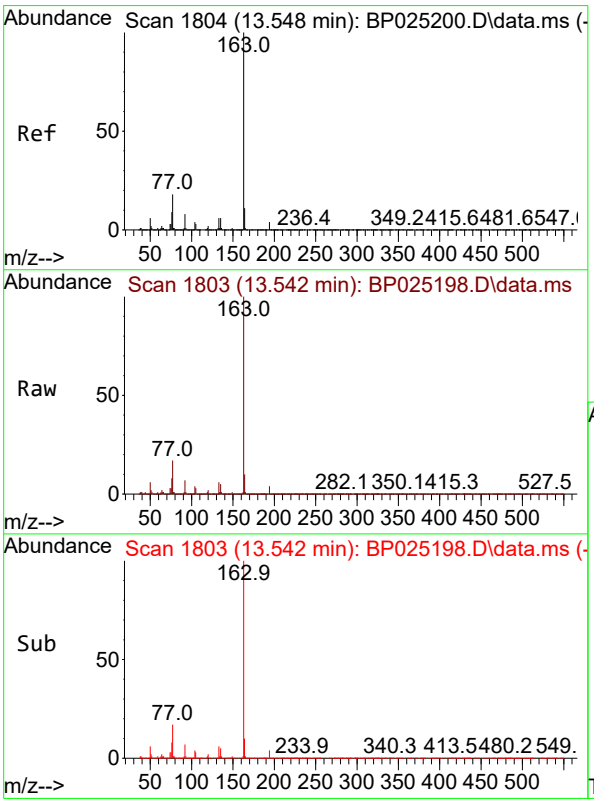
#49
Acenaphthylene
Concen: 9.811 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 1217151

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	13.3	10.6	15.8

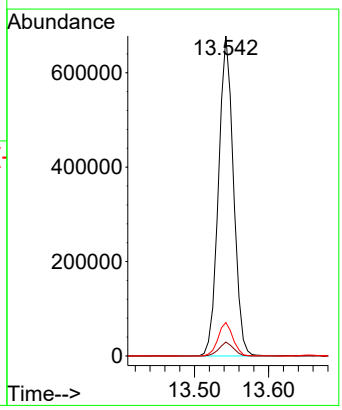


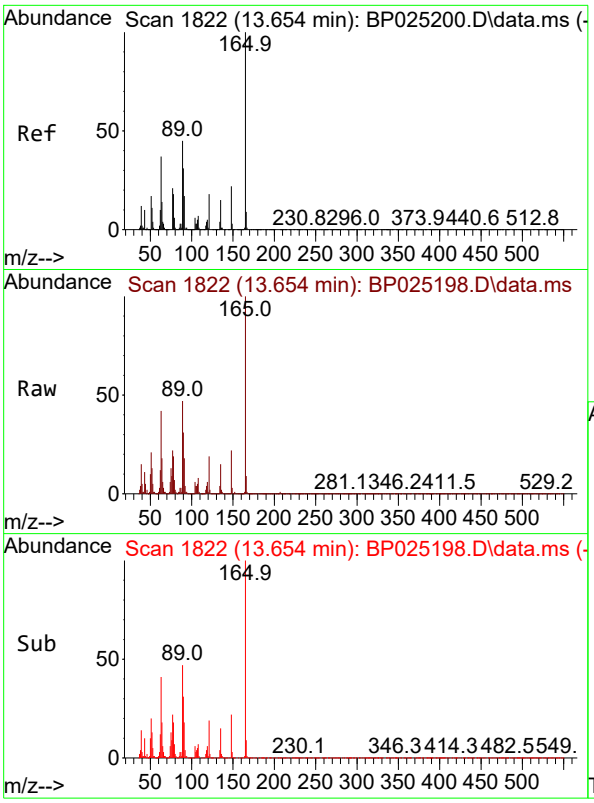


#50
Dimethylphthalate
Concen: 9.858 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:163 Resp: 949801

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.5	8.5	12.7



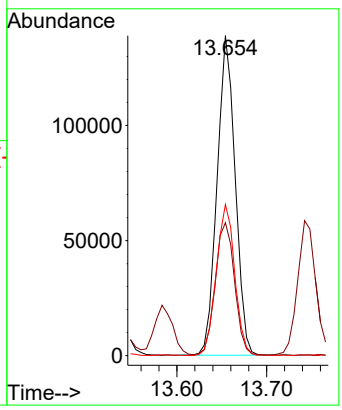


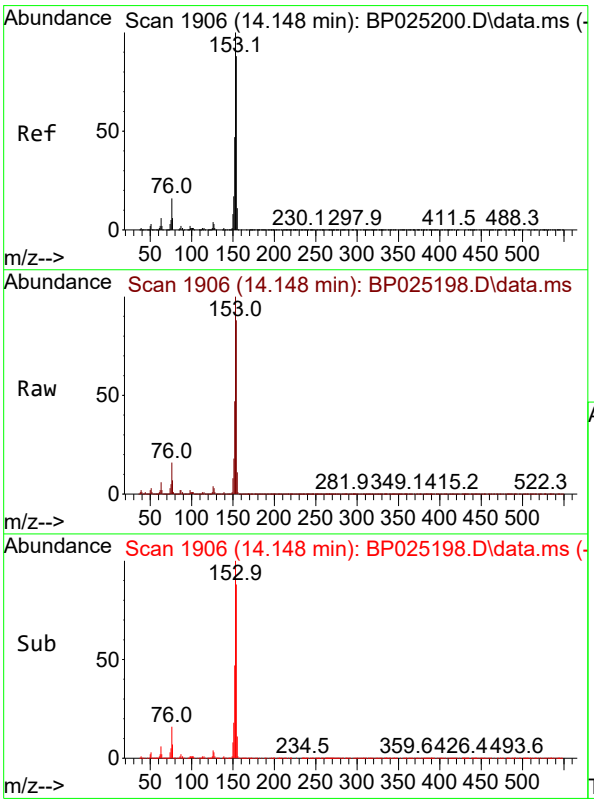
#51
2,6-Dinitrotoluene
Concen: 9.537 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 194525

Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.4	50.2
89	47.2	36.3	54.5

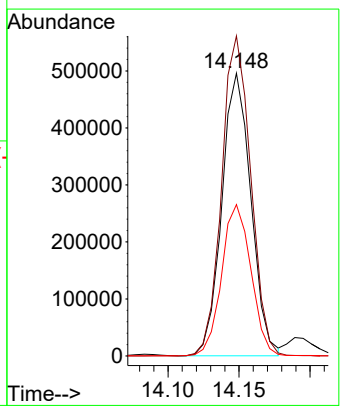


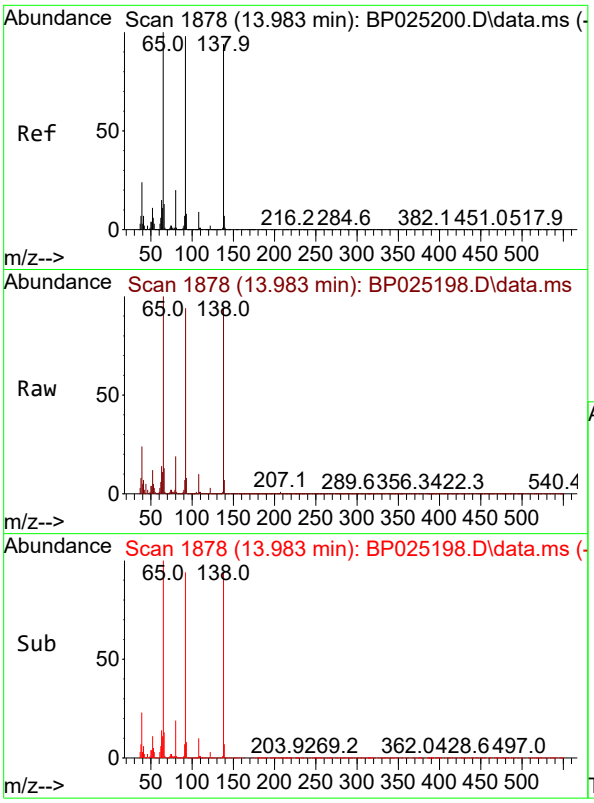


#52
Acenaphthene
Concen: 9.875 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:154 Resp: 705723

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	53.5	42.9	64.3



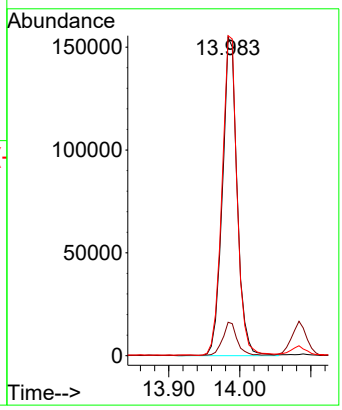


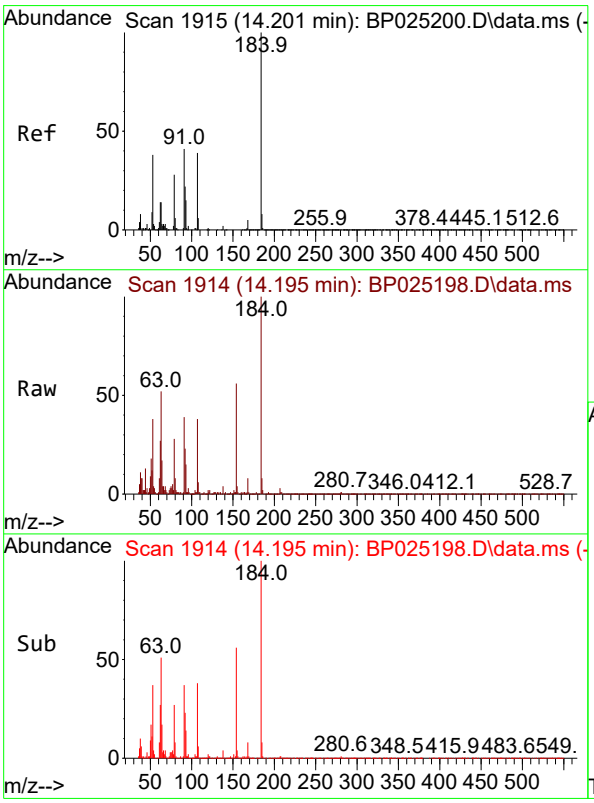
#53
3-Nitroaniline
Concen: 9.668 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 222495

Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.5	11.3
92	100.5	83.2	124.8

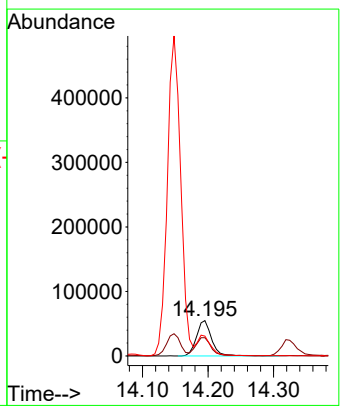


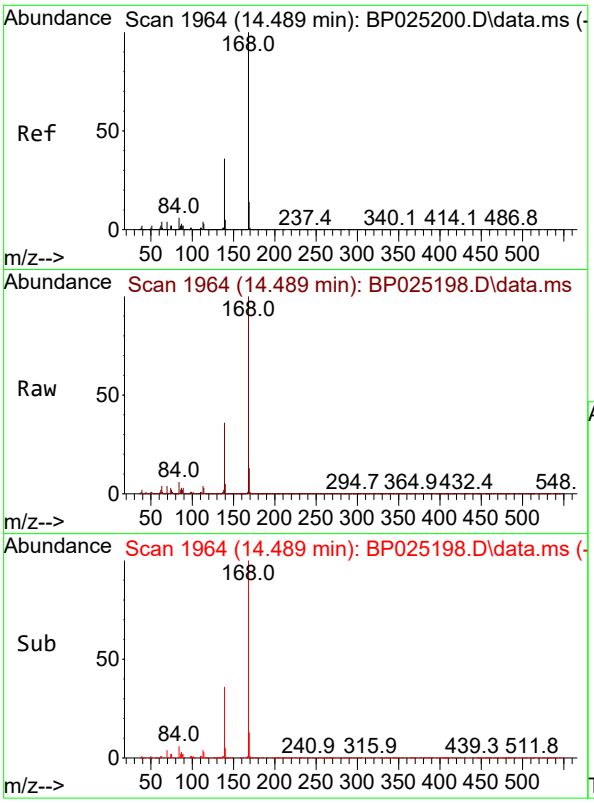


#54
2,4-Dinitrophenol
Concen: 7.708 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:184 Resp: 88097

Ion	Ratio	Lower	Upper
184	100		
63	51.6	41.8	62.8
154	56.1	45.7	68.5



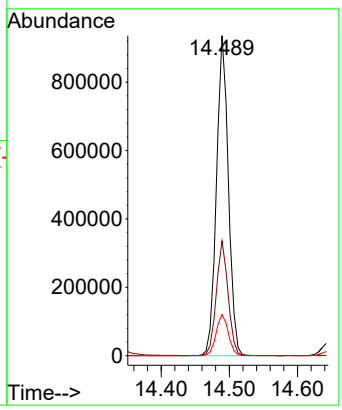


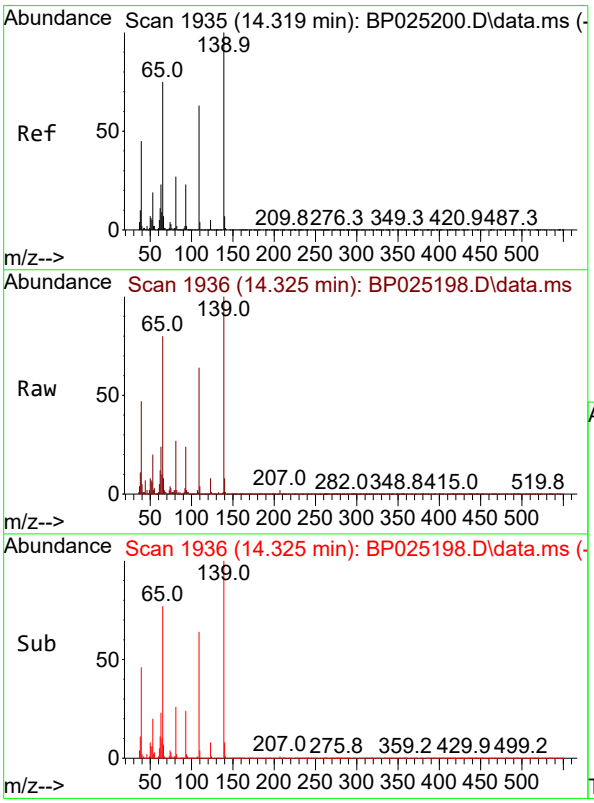
#55
Dibenzofuran
Concen: 9.821 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 1136303

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.7	43.1
169	12.9	10.9	16.3

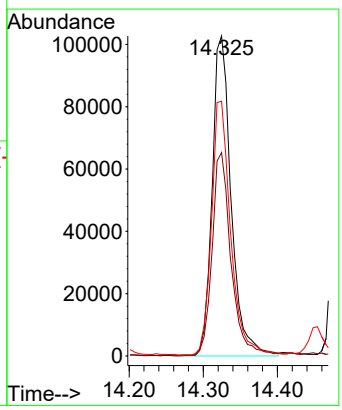


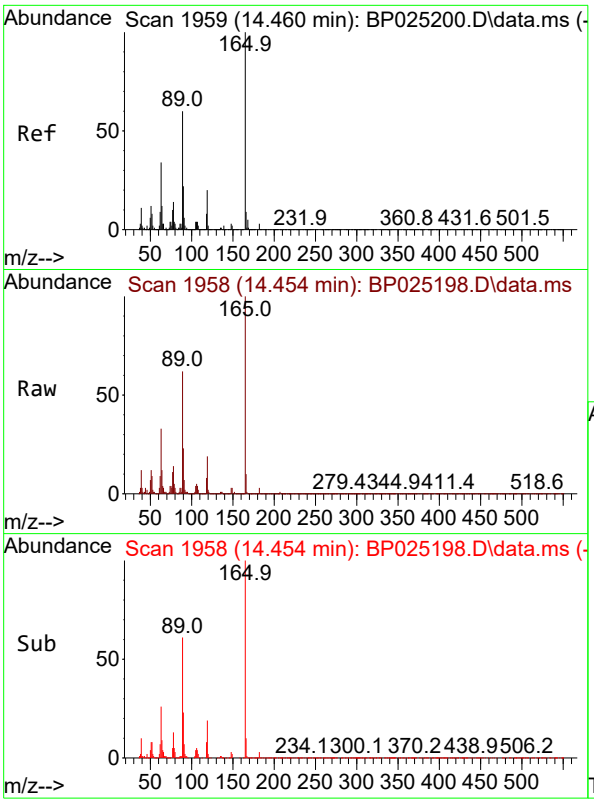


#56
4-Nitrophenol
Concen: 9.316 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:139 Resp: 182691

Ion	Ratio	Lower	Upper
139	100		
109	63.5	42.6	82.6
65	79.6	55.4	95.4



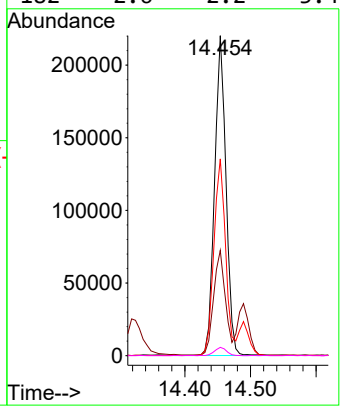


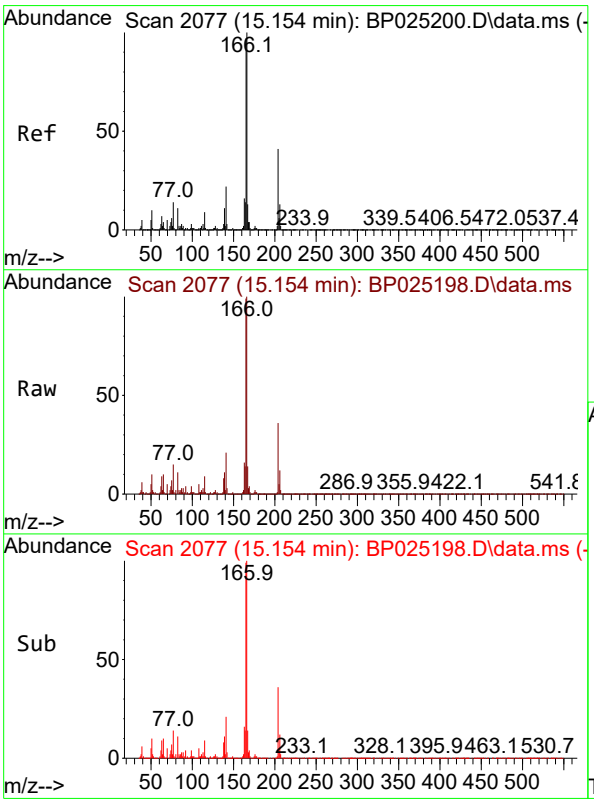
#57
2,4-Dinitrotoluene
Concen: 9.342 ng
RT: 14.454 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 265442

Ion	Ratio	Lower	Upper
165	100		
63	32.9	27.0	40.4
89	61.5	47.8	71.6
182	2.6	2.2	3.4

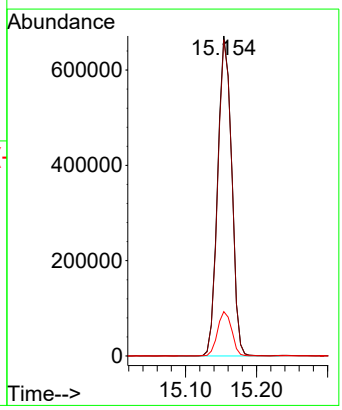


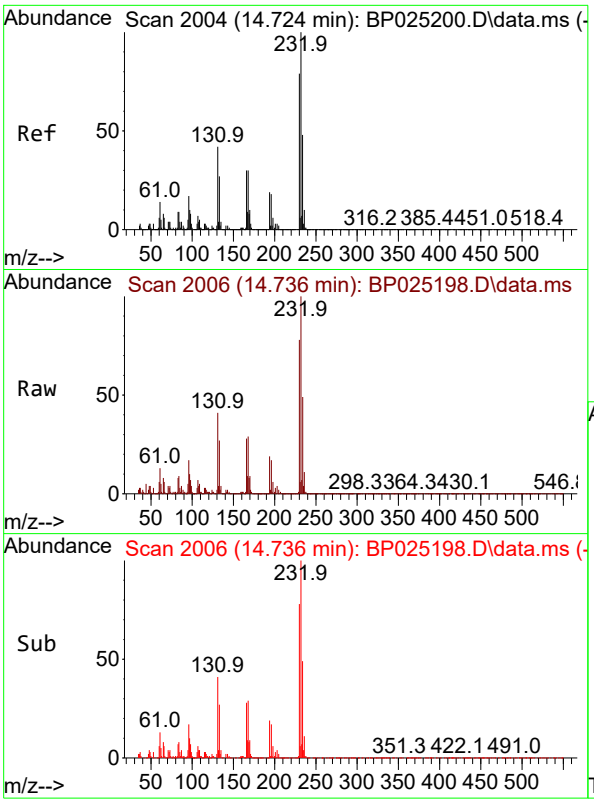


#58
Fluorene
Concen: 9.892 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:166 Resp: 912923

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.0	117.0
167	13.8	10.7	16.1



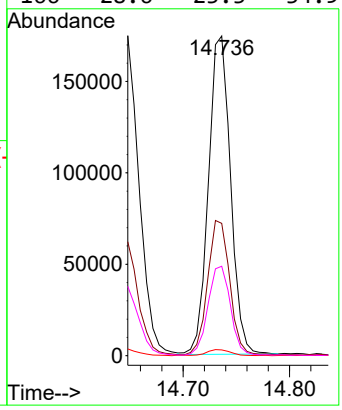


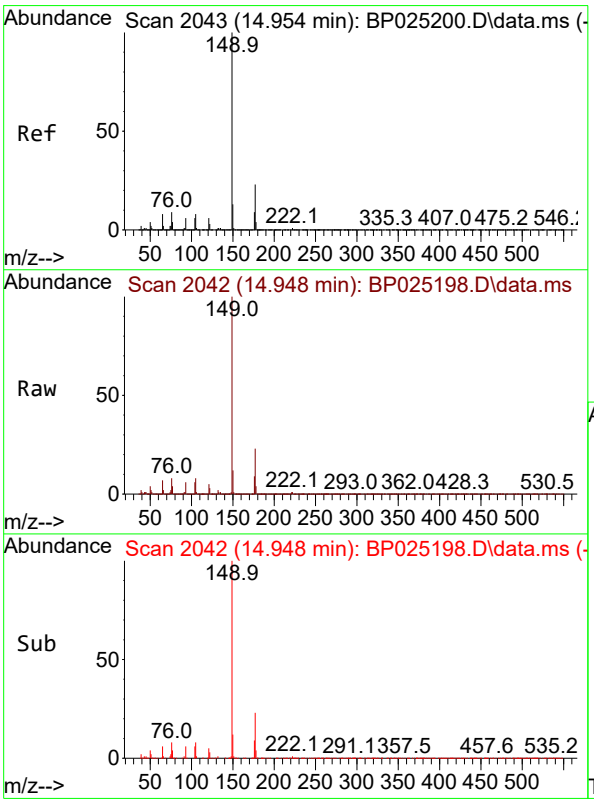
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.520 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 251016

Ion	Ratio	Lower	Upper
232	100		
131	42.6	32.6	48.8
130	2.2	1.6	2.4
166	28.6	23.3	34.9

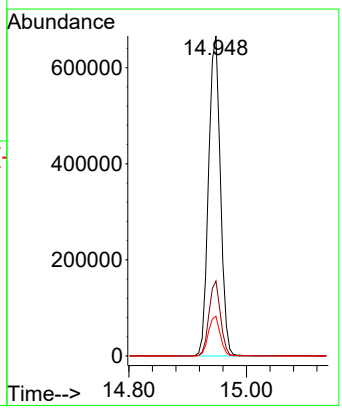


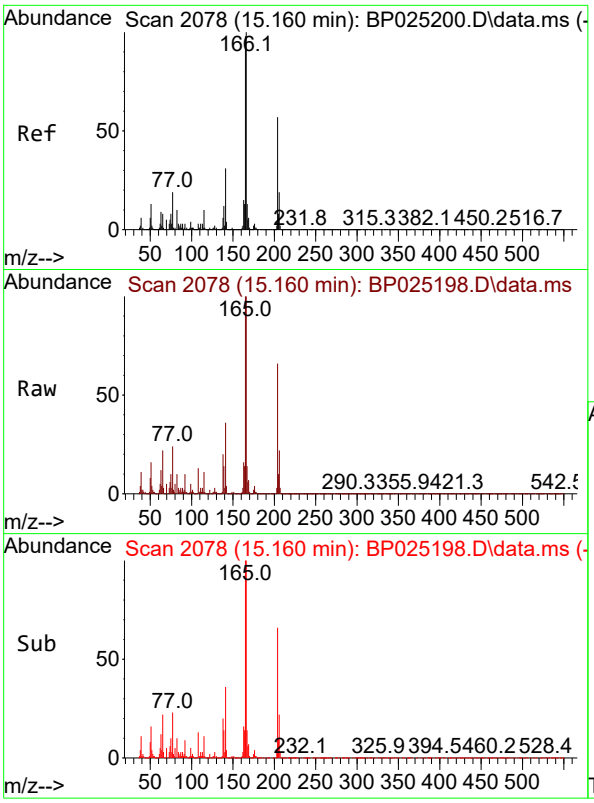


#60
Diethylphthalate
Concen: 9.763 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 929443

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.4	27.6
150	12.4	10.0	15.0



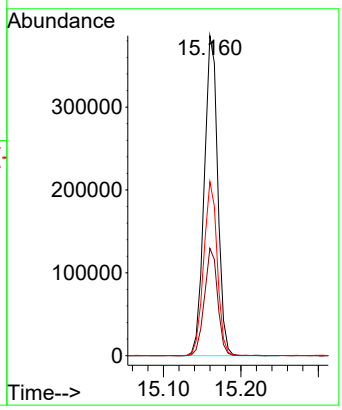


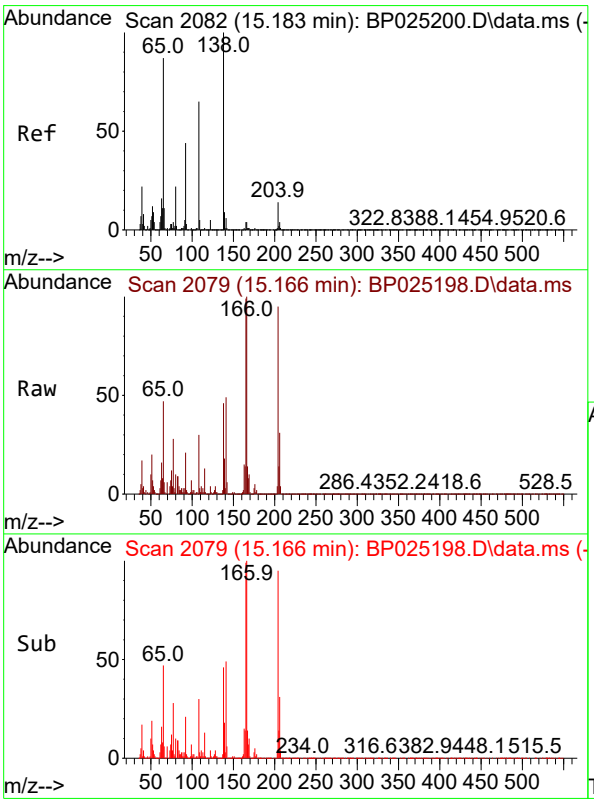
#61
4-Chlorophenyl-phenylether
Concen: 10.029 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 466528

Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.3	39.5
141	54.4	43.0	64.6

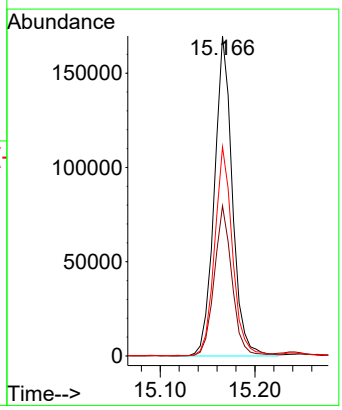


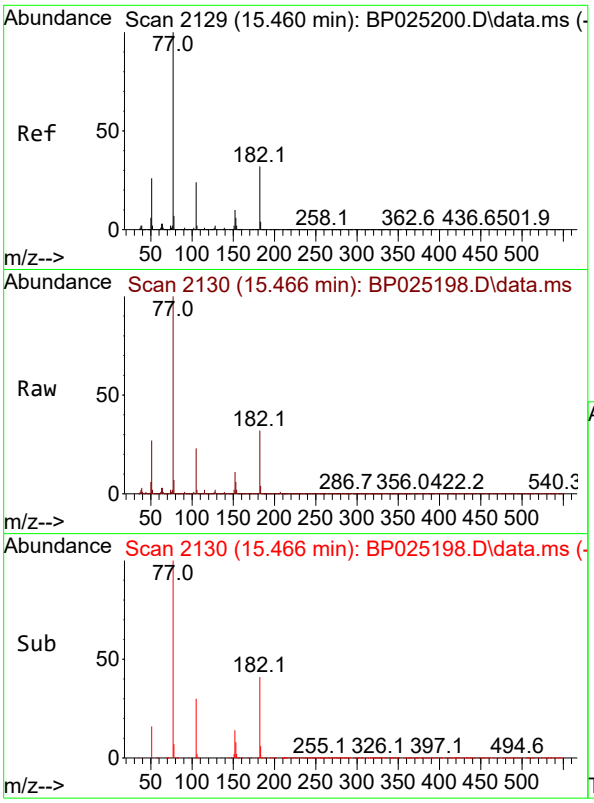


#62
4-Nitroaniline
Concen: 9.546 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:138 Resp: 223854

Ion	Ratio	Lower	Upper
138	100		
92	46.9	24.0	64.0
108	65.4	44.9	84.9



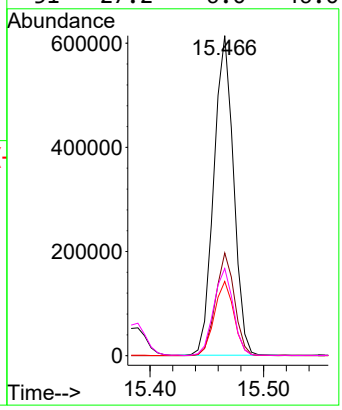


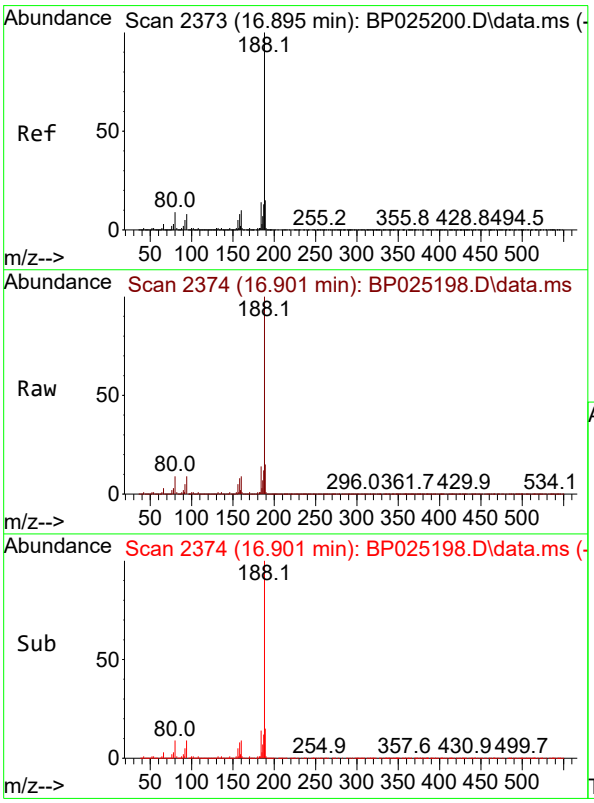
#63
Azobenzene
Concen: 9.696 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 741495

Ion	Ratio	Lower	Upper
77	100		
182	32.1	12.0	52.0
105	23.2	3.6	43.6
51	27.2	6.0	46.0

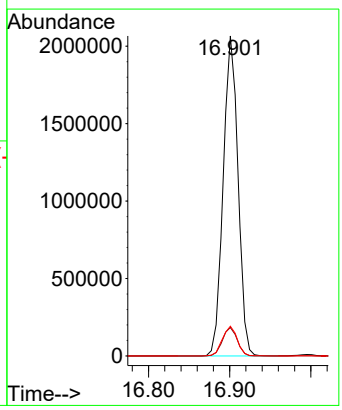


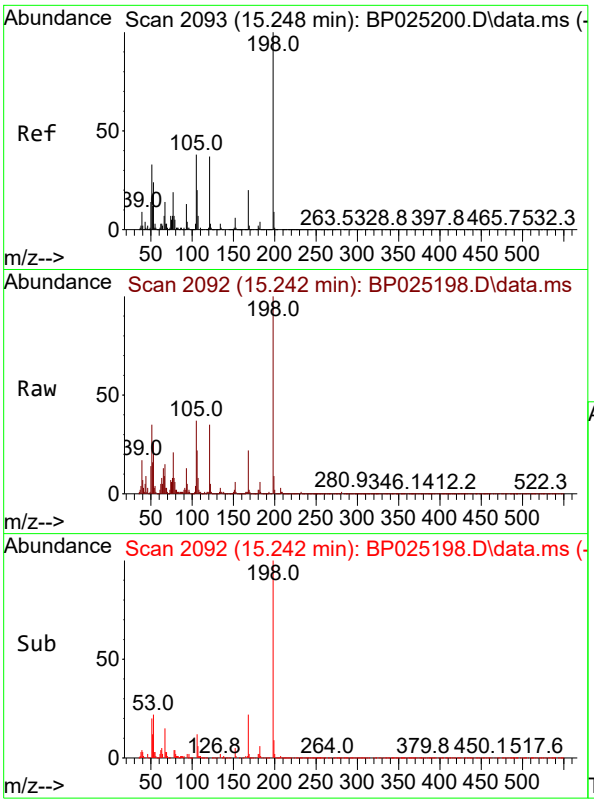


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:188 Resp: 2625603

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.3	7.3	10.9



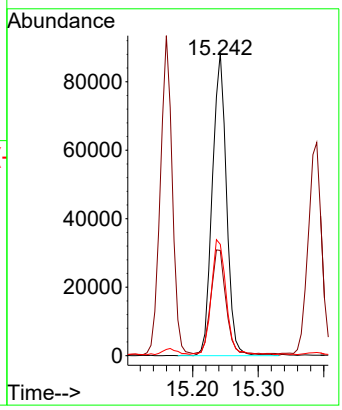


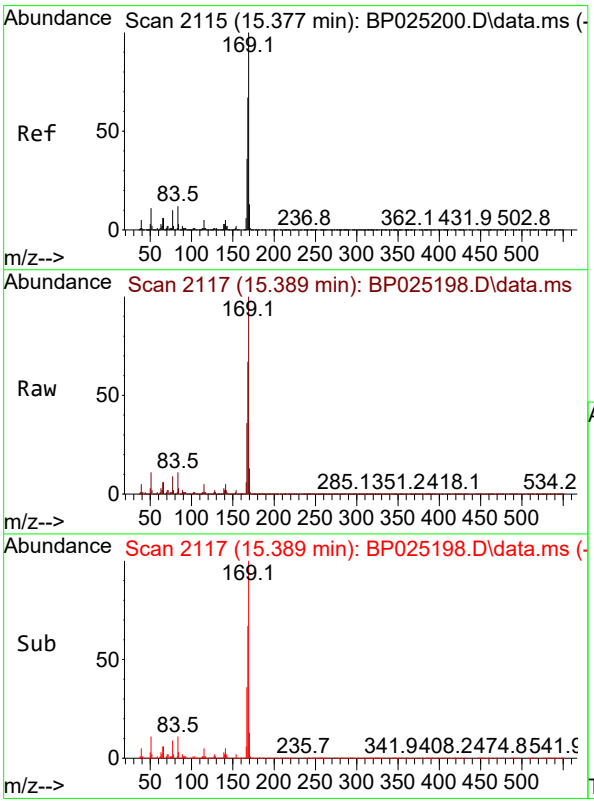
#65
4,6-Dinitro-2-methylphenol
Concen: 8.075 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 132736

Ion	Ratio	Lower	Upper
198	100		
51	34.8	14.6	54.6
105	36.8	18.3	58.3

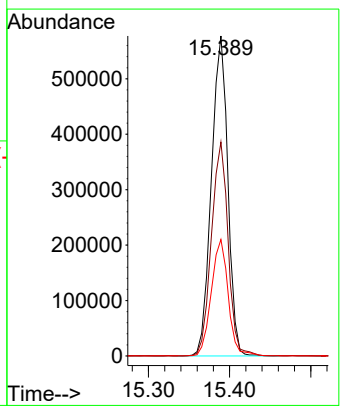


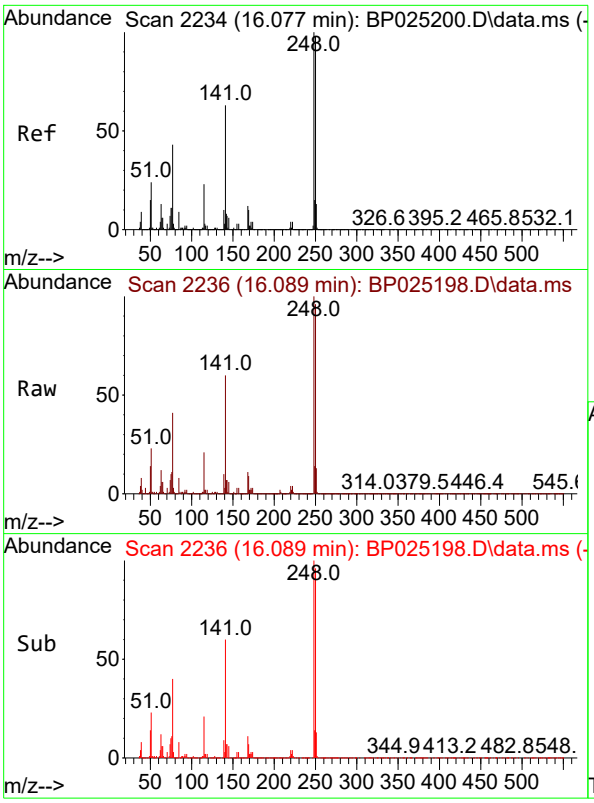


#66
n-Nitrosodiphenylamine
Concen: 9.909 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:169 Resp: 810248

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.7	80.5
167	36.4	29.0	43.6



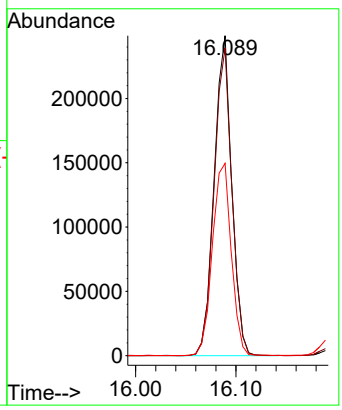


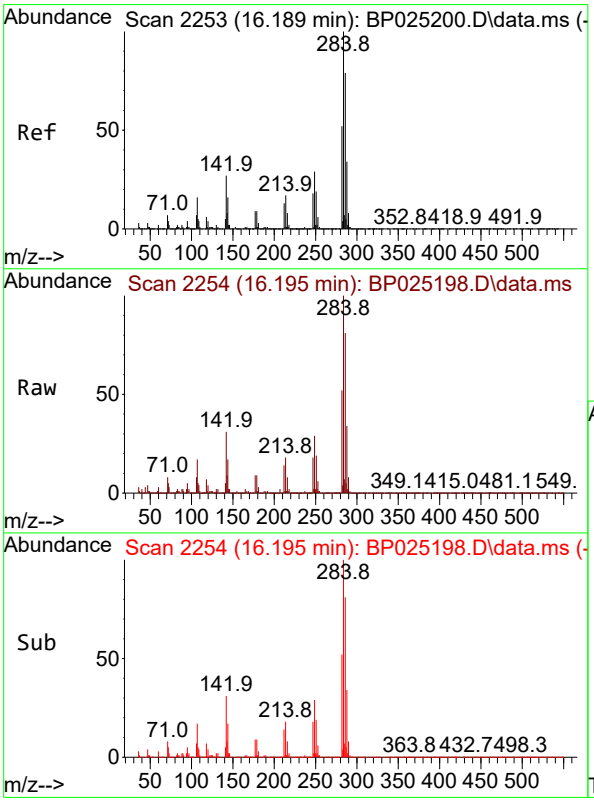
#67
4-Bromophenyl-phenylether
Concen: 9.810 ng
RT: 16.089 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 303682

Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.5	117.7
141	60.1	50.5	75.7

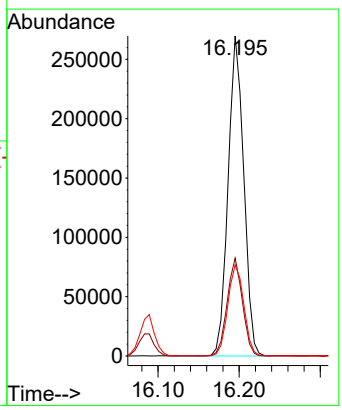


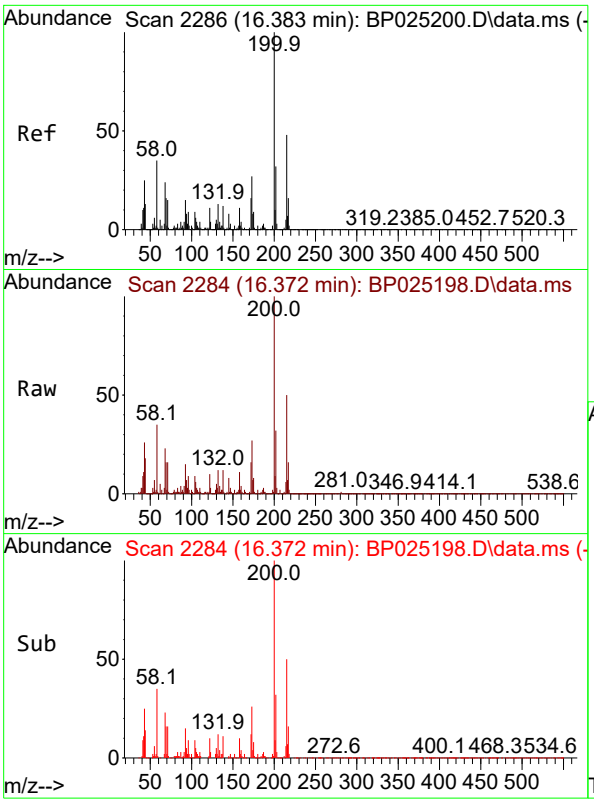


#68
Hexachlorobenzene
Concen: 9.755 ng
RT: 16.195 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:284 Resp: 360593

Ion	Ratio	Lower	Upper
284	100		
142	30.6	21.5	32.3
249	28.5	23.4	35.0



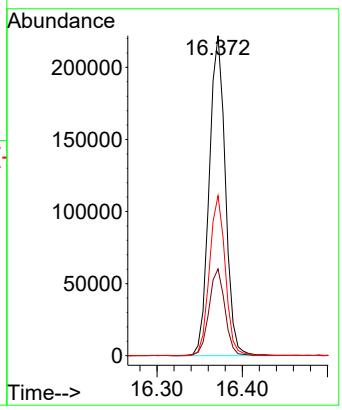


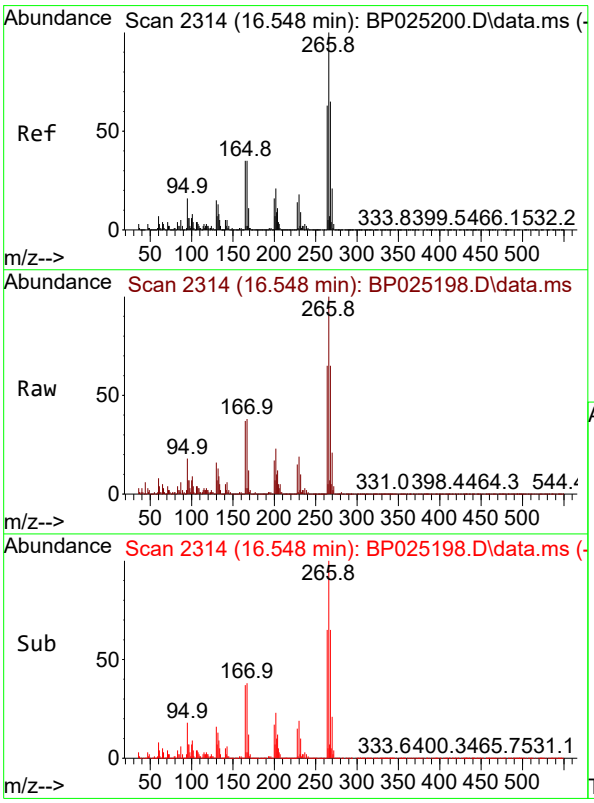
#69
Atrazine
Concen: 9.812 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 292440

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	50.0	28.5	68.5

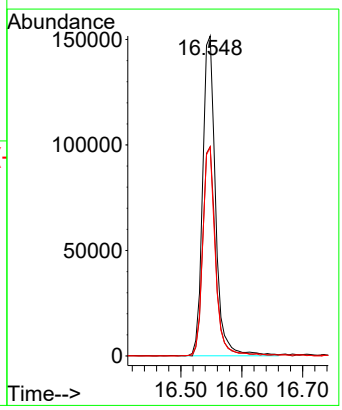


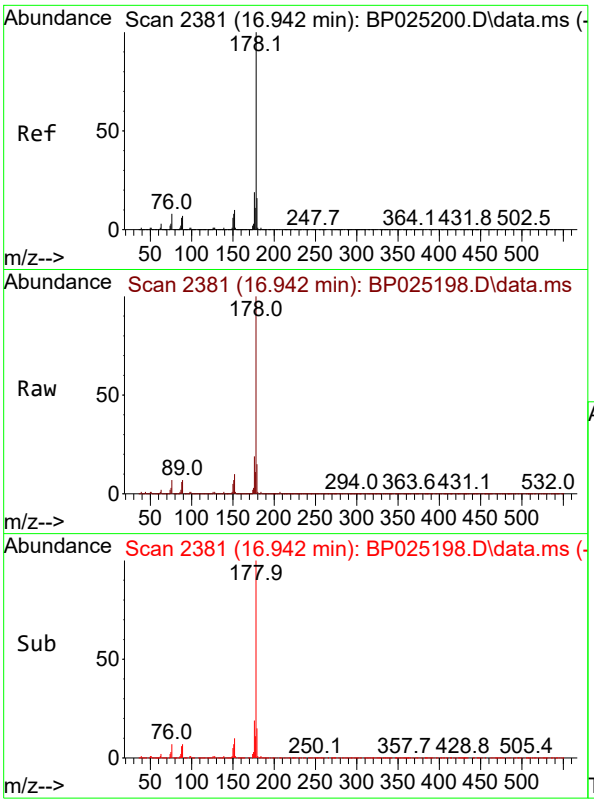


#70
Pentachlorophenol
Concen: 9.080 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:266 Resp: 223420

Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.8	77.6
264	65.2	50.3	75.5



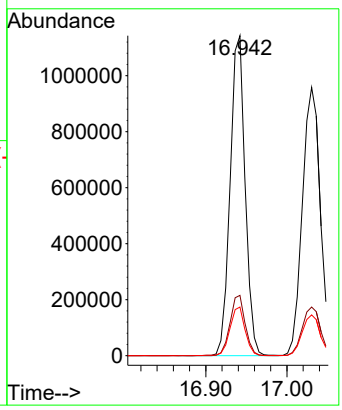


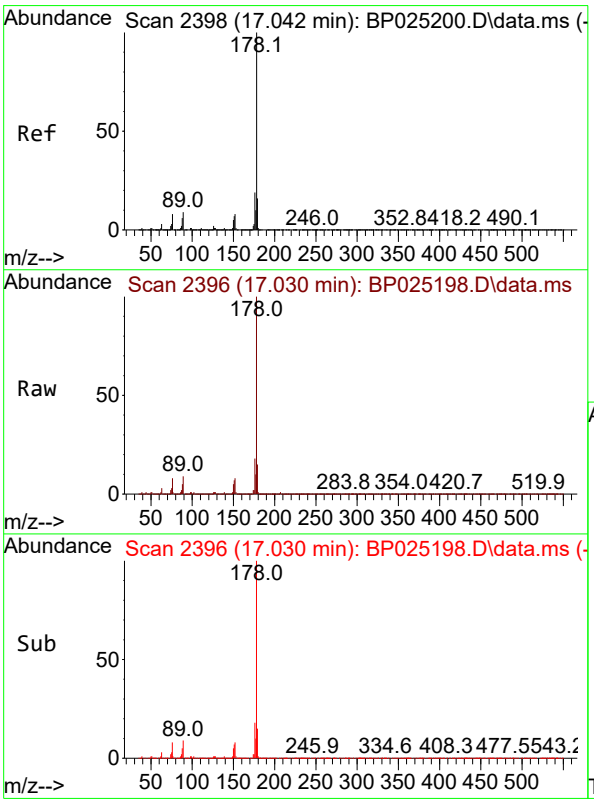
#71
Phenanthrene
Concen: 10.017 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 1465440

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.2	12.5	18.7

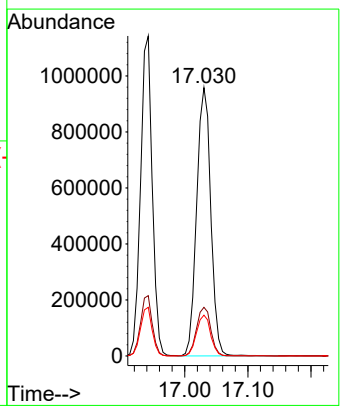


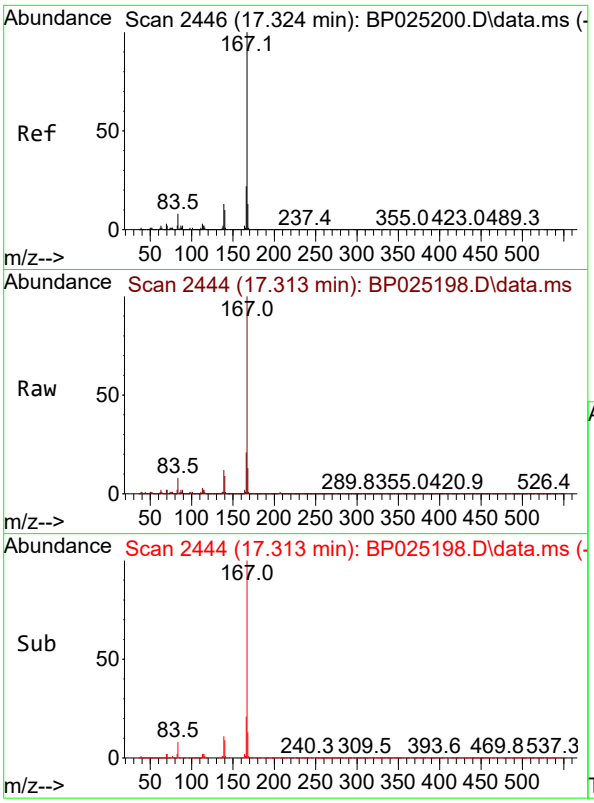


#72
Anthracene
Concen: 9.985 ng
RT: 17.030 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:178 Resp: 1482992

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.2	12.5	18.7



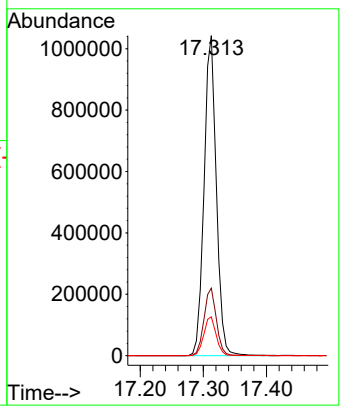


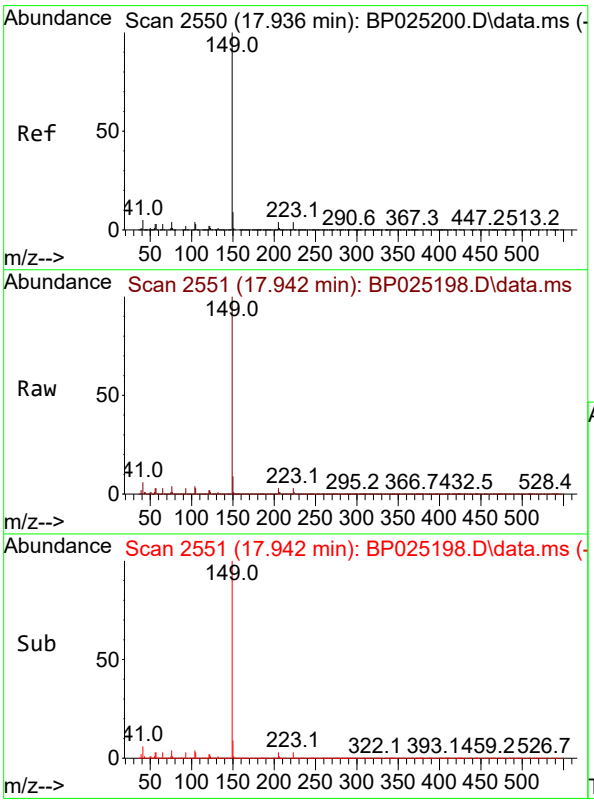
#73
Carbazole
Concen: 9.951 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 1406173

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.3	25.9
139	12.1	10.1	15.1

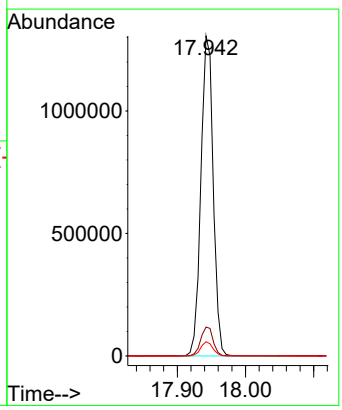


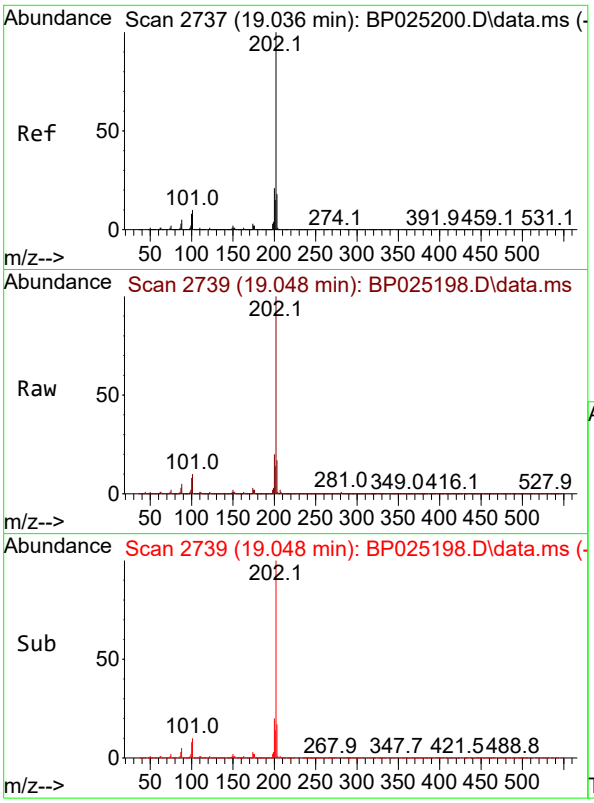


#74
Di-n-butylphthalate
Concen: 9.887 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 1638310

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.4	3.5	5.3



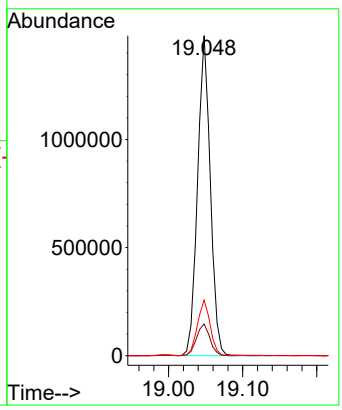


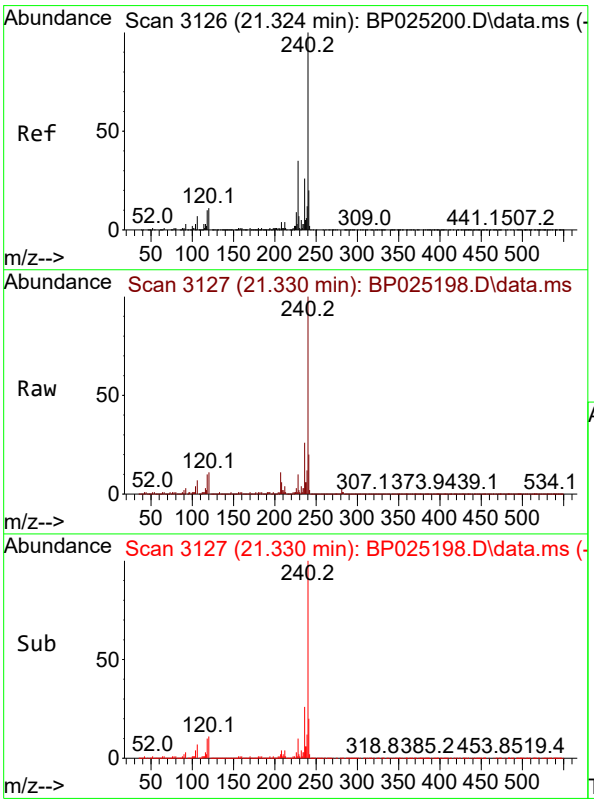
#75
Fluoranthene
Concen: 10.190 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 1762633

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	17.4	0.0	38.0

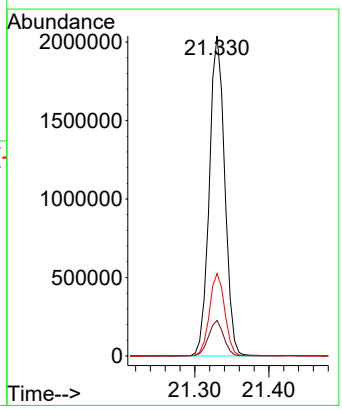


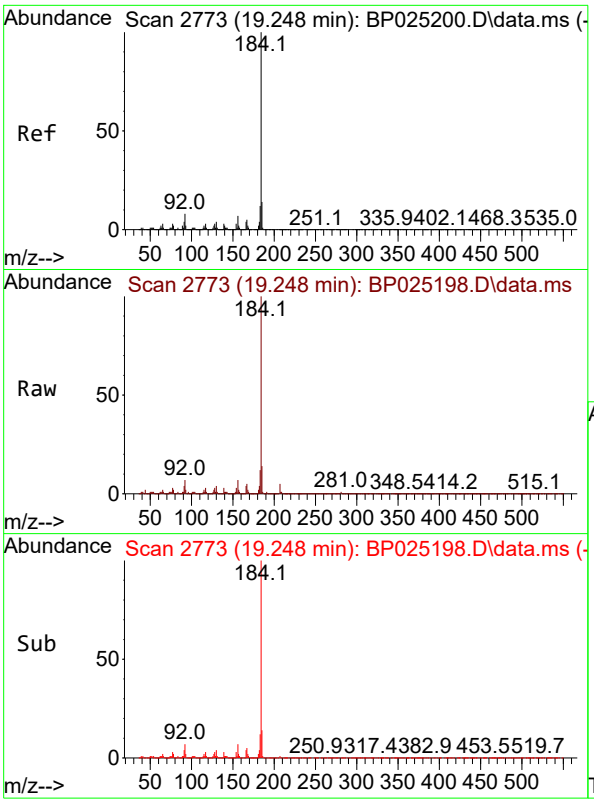


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:240 Resp: 2939535

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.8	13.2
236	25.8	20.9	31.3



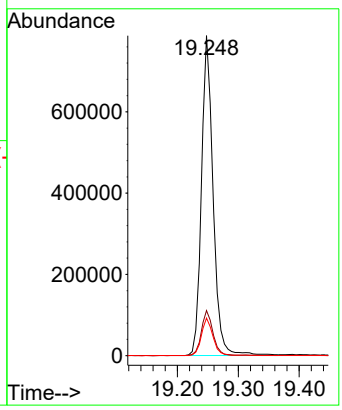


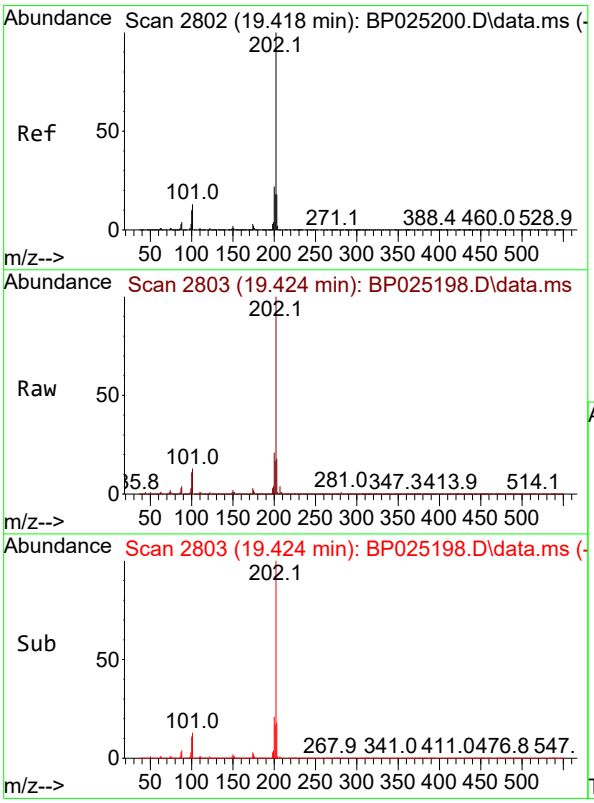
#77
Benzidine
Concen: 9.309 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 1045235

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.7	9.6	14.4

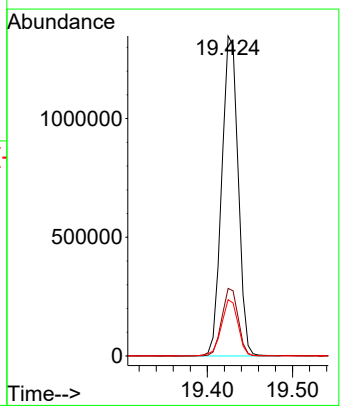


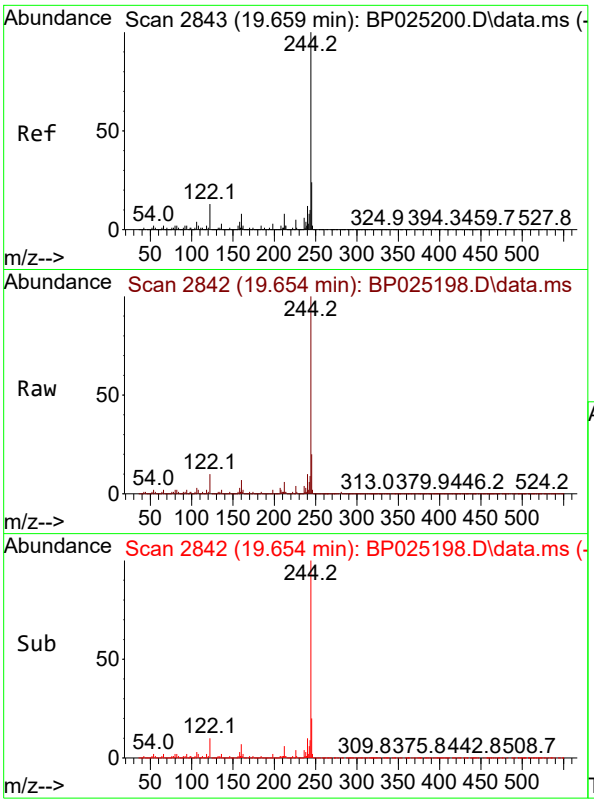


#78
Pyrene
Concen: 9.667 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:202 Resp: 1805942

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.6	14.3	21.5



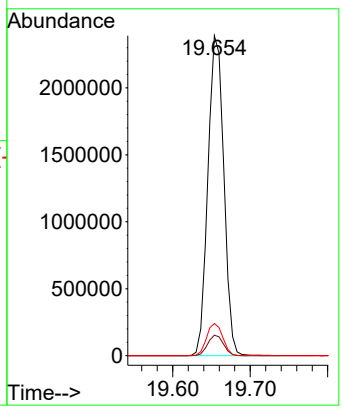


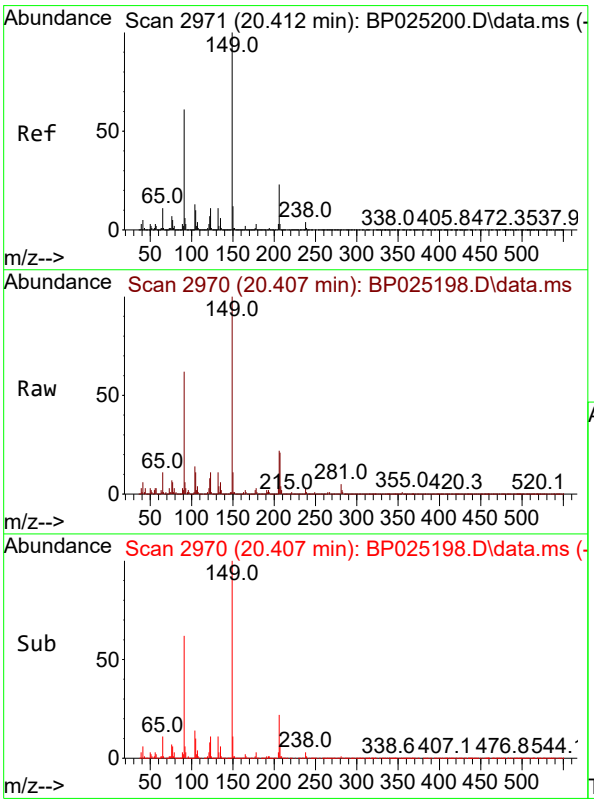
#79
Terphenyl-d14
Concen: 21.694 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 3414680

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.6	9.8#
122	10.1	10.3	15.5#

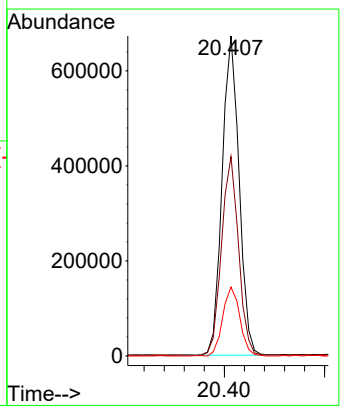


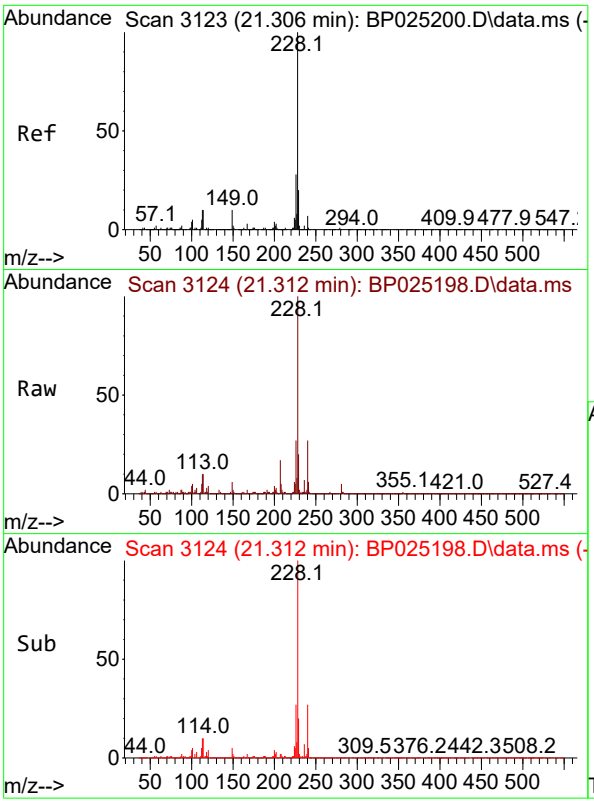


#80
Butylbenzylphthalate
Concen: 9.553 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 787501

Ion	Ratio	Lower	Upper
149	100		
91	62.3	48.8	73.2
206	21.6	18.4	27.6



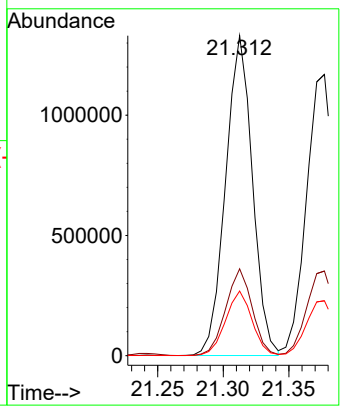


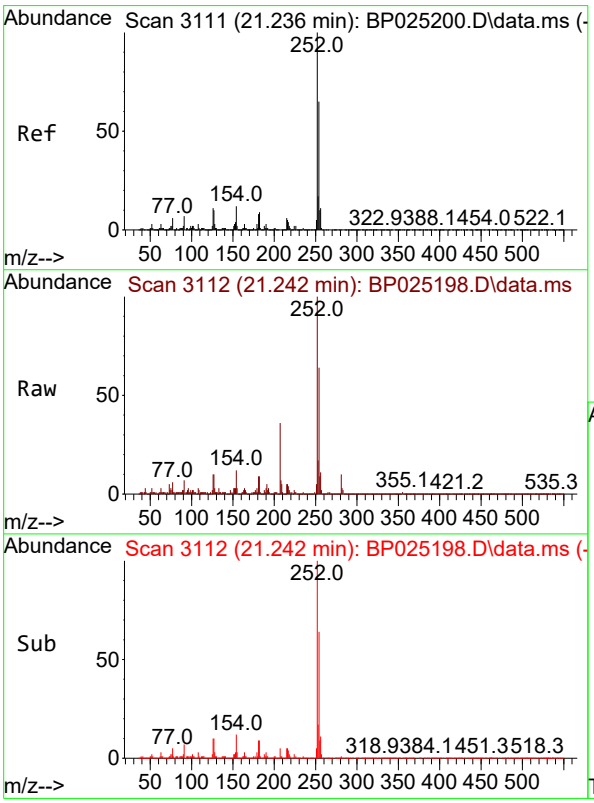
#81
Benzo(a)anthracene
Concen: 9.908 ng
RT: 21.312 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1894426

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	20.2	16.2	24.2

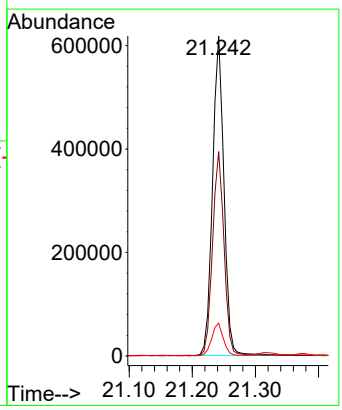


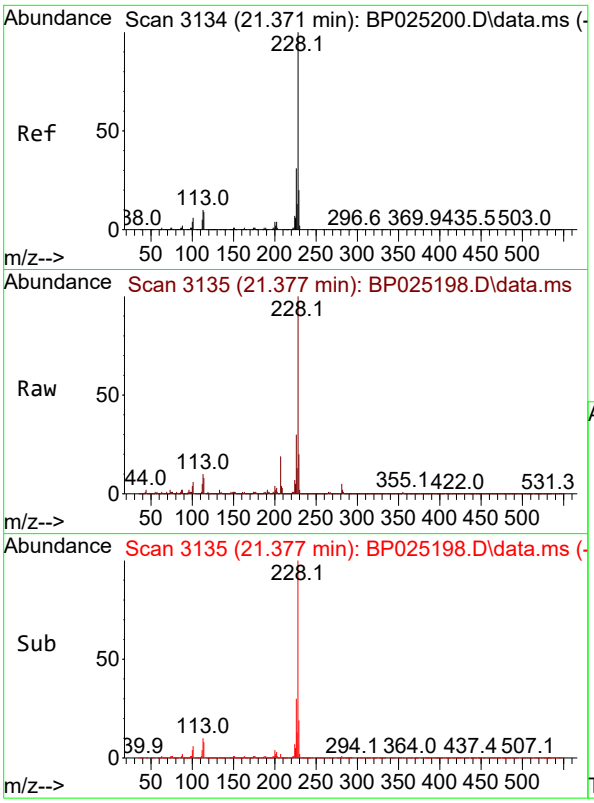


#82
3,3'-Dichlorobenzidine
Concen: 9.826 ng
RT: 21.242 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 770405

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.1	78.1
126	10.3	8.6	12.8



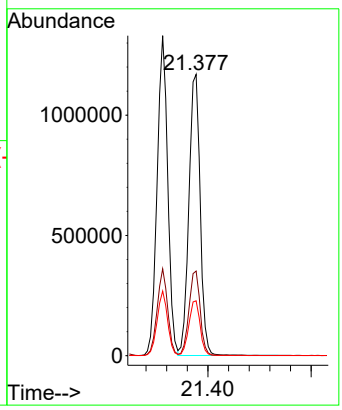


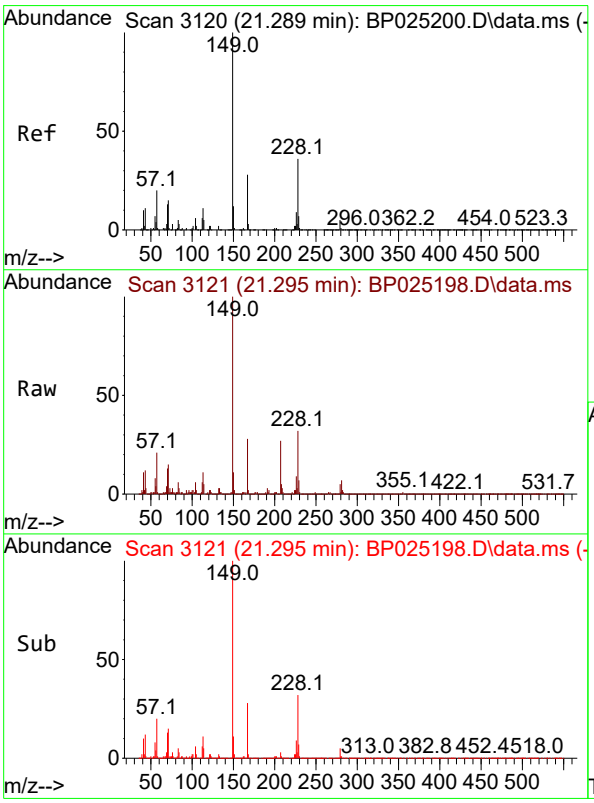
#83
Chrysene
Concen: 9.912 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1767347

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	19.5	16.0	24.0

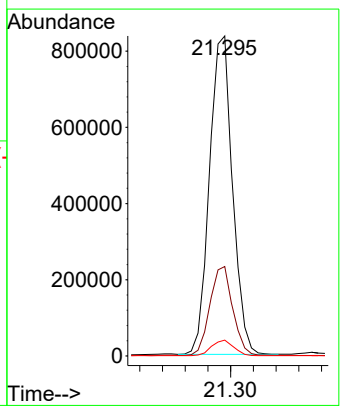


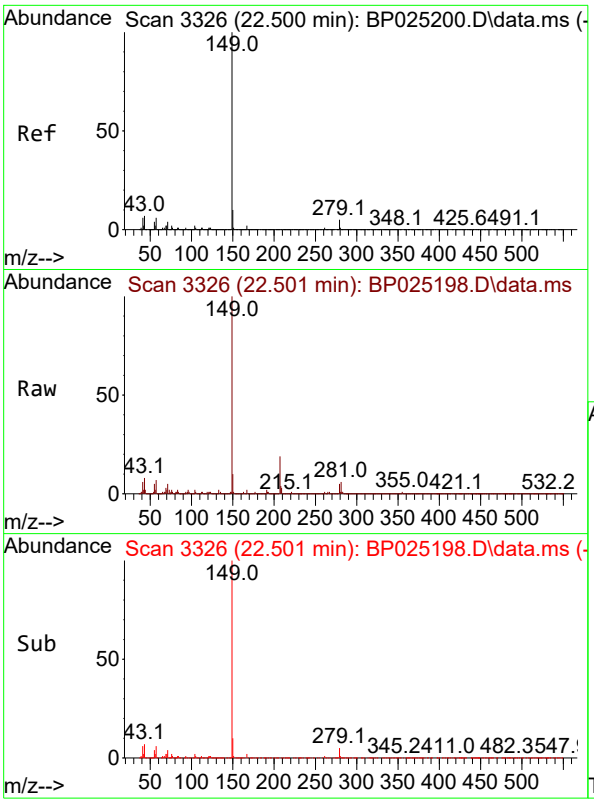


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.800 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 1177770

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	34.0
279	4.9	4.0	6.0



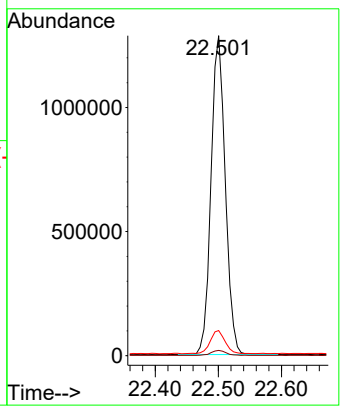


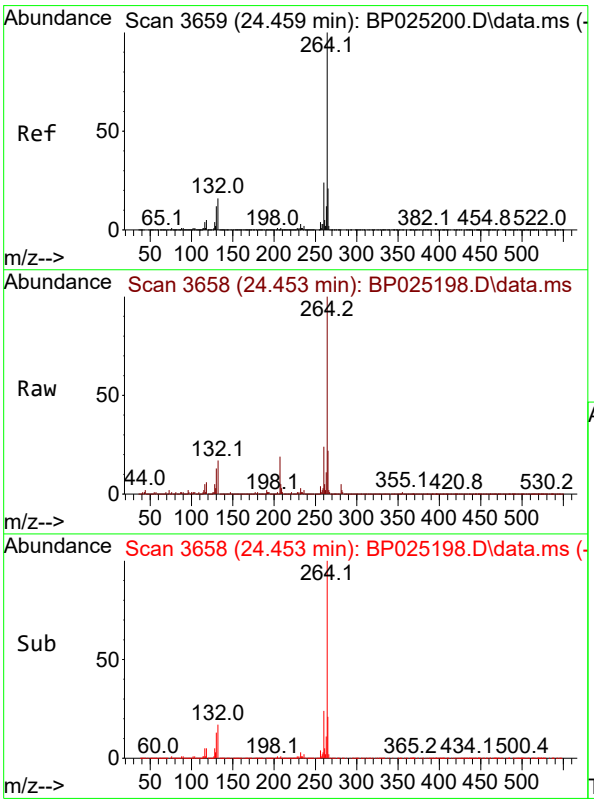
#85
Di-n-octyl phthalate
Concen: 9.601 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 2011265

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.7	6.1	9.1

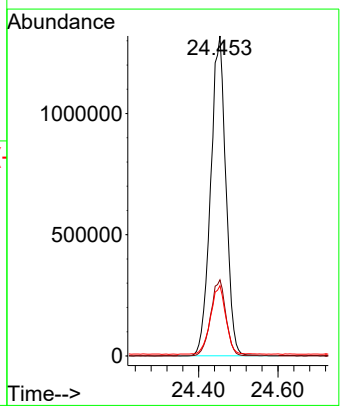


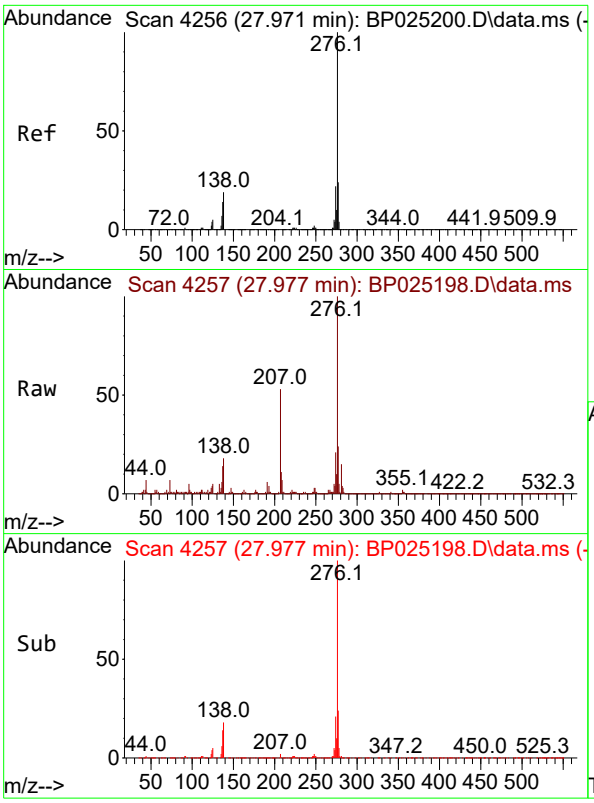


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.453 min Scan# 3658
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:264 Resp: 3517768

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.9	17.5	26.3



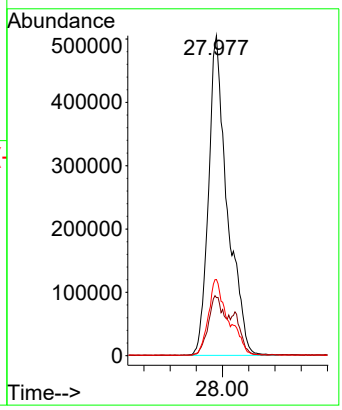


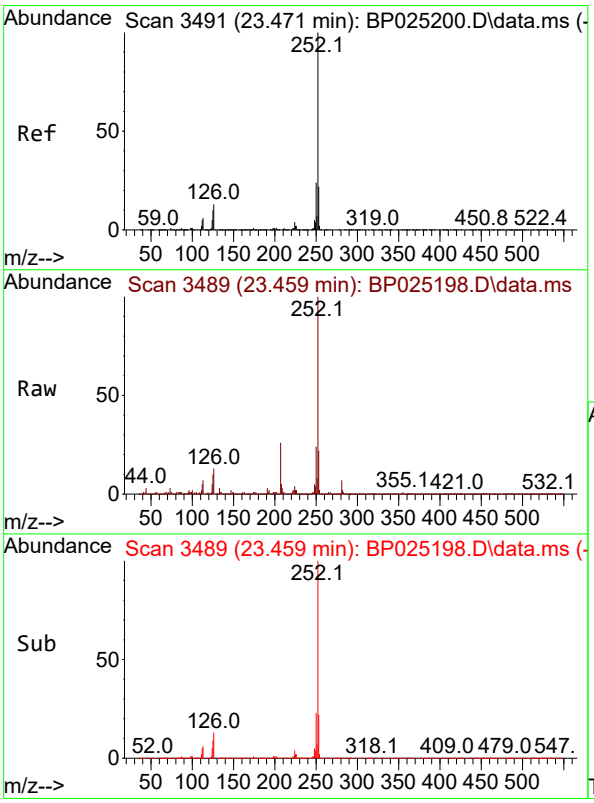
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.716 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 2512454

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.8	19.2
277	25.3	20.3	30.5

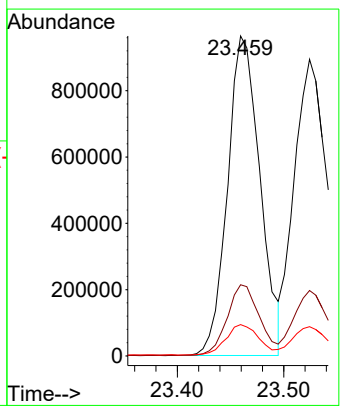


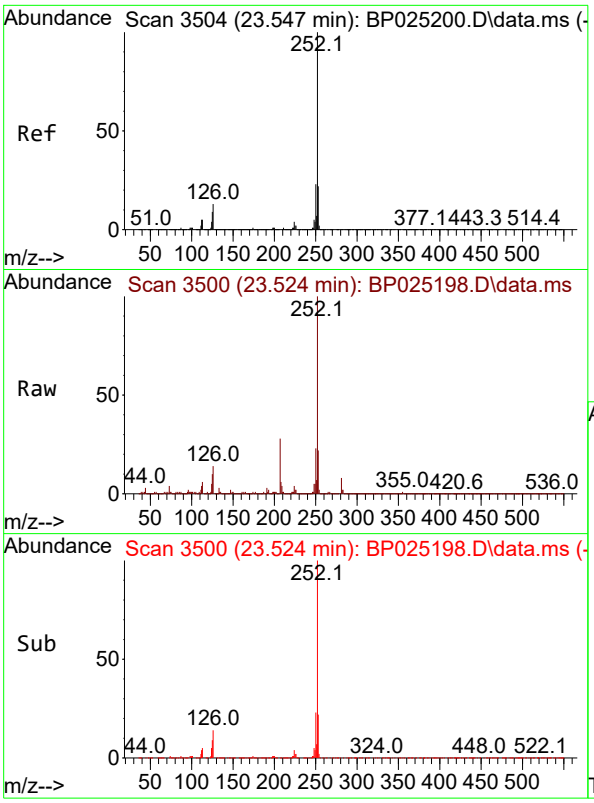


#88
Benzo(b)fluoranthene
Concen: 9.982 ng
RT: 23.459 min Scan# 3489
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 2047782

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.8	7.8	11.8



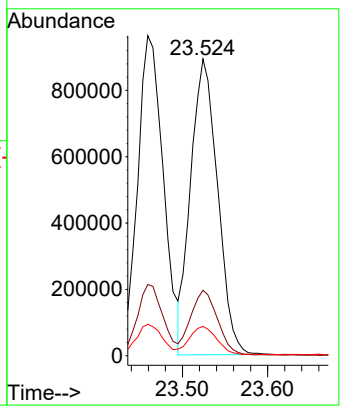


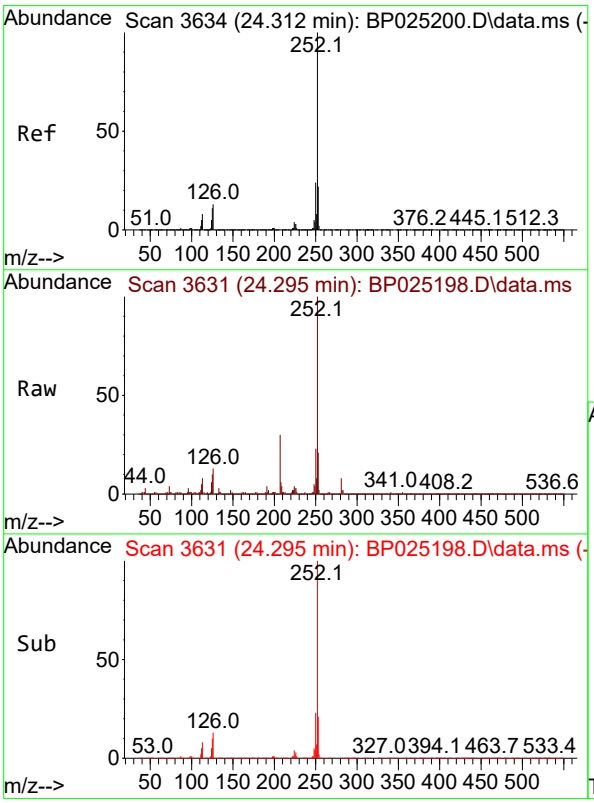
#89
Benzo(k)fluoranthene
Concen: 9.648 ng
RT: 23.524 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 1965076

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.9	7.5	11.3

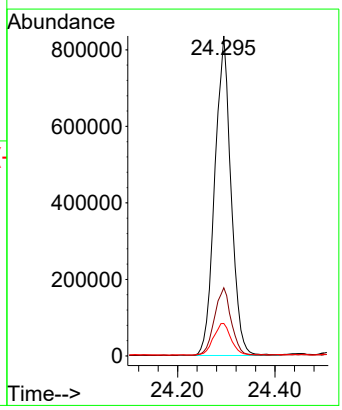


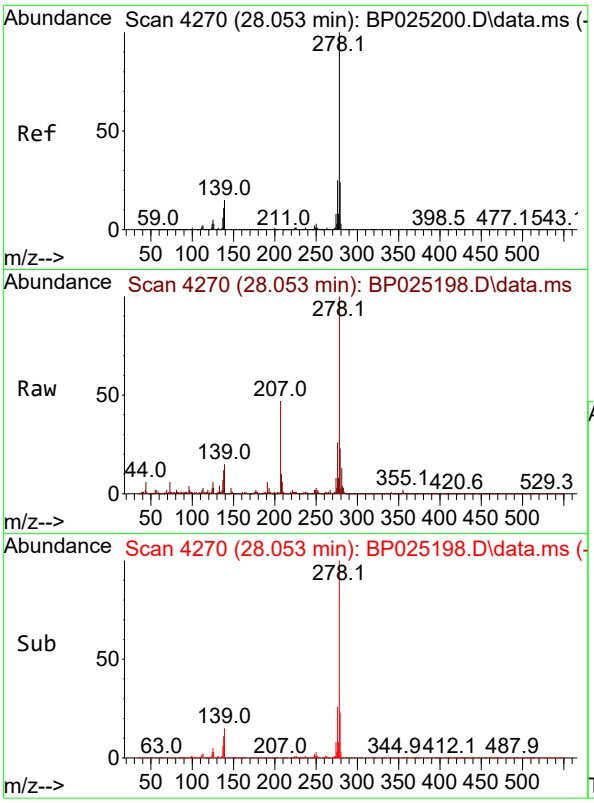


#90
Benzo(a)pyrene
Concen: 9.708 ng
RT: 24.295 min Scan# 3631
Delta R.T. -0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 1933168

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	10.2	8.6	12.8



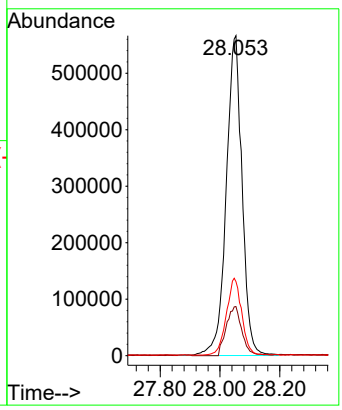


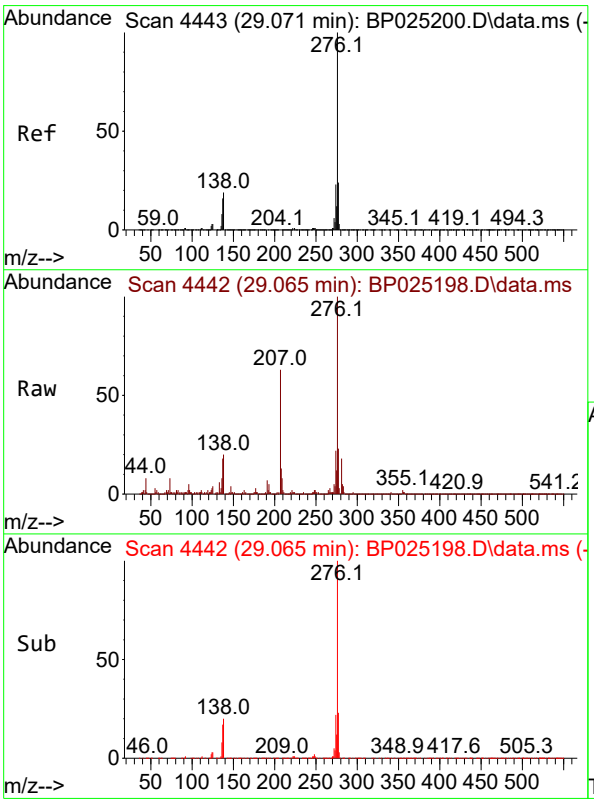
#91
Dibenzo(a,h)anthracene
Concen: 9.792 ng
RT: 28.053 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 2076587

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.0	18.0
279	23.2	19.5	29.3

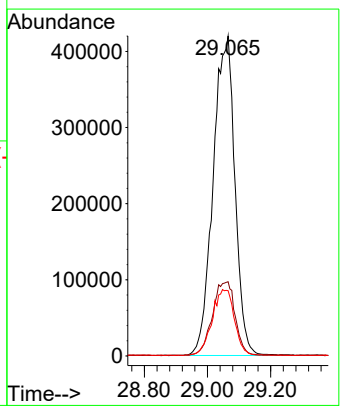




#92
Benzo(g,h,i)perylene
Concen: 9.658 ng
RT: 29.065 min Scan# 4442
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:276 Resp: 2006207

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	20.4	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	661165	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2624373	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1725537	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	3420424	20.000	ng	0.00
76) Chrysene-d12	21.330	240	3723190	20.000	ng	0.00
86) Perylene-d12	24.459	264	4465504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	1586240	40.080	ng	0.00
7) Phenol-d6	6.637	99	1952718	39.965	ng	0.00
23) Nitrobenzene-d5	8.566	82	1937093	40.469	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1028445	40.082	ng	-0.01
45) 2-Fluorobiphenyl	12.672	172	5263353	40.382	ng	-0.01
79) Terphenyl-d14	19.660	244	8390472	42.086	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	293388	19.725	ng	100
3) Pyridine	3.496	79	778928	19.772	ng	99
4) n-Nitrosodimethylamine	3.402	42	309184	19.886	ng	94
6) Aniline	6.778	93	1264692	19.904	ng	100
8) 2-Chlorophenol	7.013	128	890007	19.986	ng	99
9) Benzaldehyde	6.596	77	630829	18.066	ng	100
10) Phenol	6.660	94	1005845	19.897	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	764760	19.703	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1000926	19.812	ng	99
13) 1,4-Dichlorobenzene	7.466	146	1012968	19.869	ng	100
14) 1,2-Dichlorobenzene	7.778	146	966008	19.719	ng	99
15) Benzyl Alcohol	7.672	79	695033	19.845	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.954	45	989741	19.879	ng	99
17) 2-Methylphenol	7.878	107	696041	19.906	ng	99
18) Hexachloroethane	8.490	117	341991	19.645	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	594405	20.185	ng	99
20) 3+4-Methylphenols	8.195	107	949514	19.881	ng	97
22) Acetophenone	8.237	105	1264897	20.349	ng	99
24) Nitrobenzene	8.607	77	854569	20.145	ng	98
25) Isophorone	9.131	82	1696703	20.239	ng	100
26) 2-Nitrophenol	9.307	139	480785	20.136	ng	99
27) 2,4-Dimethylphenol	9.378	122	818802	20.144	ng	98
28) bis(2-Chloroethoxy)met...	9.607	93	1064963	20.235	ng	99
29) 2,4-Dichlorophenol	9.831	162	840876	20.169	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	916180	19.972	ng	100
31) Naphthalene	10.225	128	2744118	20.078	ng	99
32) Benzoic acid	9.501	122	592400	19.955	ng	97
33) 4-Chloroaniline	10.337	127	1195494	20.146	ng	99
34) Hexachlorobutadiene	10.519	225	554225	20.117	ng	98
35) Caprolactam	11.113	113	280019	20.409	ng	93
36) 4-Chloro-3-methylphenol	11.484	107	845122	20.298	ng	99
37) 2-Methylnaphthalene	11.854	142	1787280	20.219	ng	99
38) 1-Methylnaphthalene	12.078	142	1873159	20.091	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1037365	19.852	ng	99
41) Hexachlorocyclopentadiene	12.219	237	568117	19.172	ng	99
43) 2,4,6-Trichlorophenol	12.489	196	710607	20.126	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	779183	20.021	ng	99
46) 1,1'-Biphenyl	12.889	154	2534298	19.863	ng	99
47) 2-Chloronaphthalene	12.925	162	1943669	19.663	ng	100
48) 2-Nitroaniline	13.136	65	499848	20.158	ng	99
49) Acenaphthylene	13.789	152	3266617	20.152	ng	100
50) Dimethylphthalate	13.542	163	2514591	19.973	ng	99
51) 2,6-Dinitrotoluene	13.648	165	539220	20.233	ng	98
52) Acenaphthene	14.142	154	1858898	19.907	ng	100
53) 3-Nitroaniline	13.983	138	607977	20.219	ng	97
54) 2,4-Dinitrophenol	14.195	184	289004	19.352	ng	99
55) Dibenzofuran	14.483	168	3017432	19.958	ng	99
56) 4-Nitrophenol	14.313	139	516291	20.148	ng	96
57) 2,4-Dinitrotoluene	14.454	165	756940	20.387	ng	97
58) Fluorene	15.148	166	2413500	20.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.719	232	693949	20.143	ng	99
60) Diethylphthalate	14.948	149	2464234	19.809	ng	99
61) 4-Chlorophenyl-phenyle...	15.154	204	1202237	19.780	ng	98
62) 4-Nitroaniline	15.166	138	633835	20.685	ng	99
63) Azobenzene	15.454	77	2017191	20.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.242	198	419051	19.570	ng	99
66) n-Nitrosodiphenylamine	15.377	169	2138707	20.077	ng	100
67) 4-Bromophenyl-phenylether	16.077	248	797636	19.779	ng	99
68) Hexachlorobenzene	16.189	284	962844	19.994	ng	99
69) Atrazine	16.366	200	786929	20.267	ng	99
70) Pentachlorophenol	16.536	266	639966	19.965	ng	99
71) Phenanthrene	16.930	178	3812811	20.006	ng	99
72) Anthracene	17.036	178	3906820	20.193	ng	99
73) Carbazole	17.307	167	3714018	20.175	ng	100
74) Di-n-butylphthalate	17.936	149	4406649	20.415	ng	99
75) Fluoranthene	19.036	202	4574063	20.298	ng	99
77) Benzidine	19.242	184	2913500	20.485	ng	99
78) Pyrene	19.413	202	4741470	20.039	ng	99
80) Butylbenzylphthalate	20.407	149	2085097	19.969	ng	100
81) Benzo(a)anthracene	21.312	228	4880320	20.152	ng	99
82) 3,3'-Dichlorobenzidine	21.236	252	2048334	20.627	ng	100
83) Chrysene	21.371	228	4523656	20.030	ng	99
84) Bis(2-ethylhexyl)phtha...	21.295	149	3041538	19.981	ng	100
85) Di-n-octyl phthalate	22.506	149	5425668	20.449	ng	99
87) Indeno(1,2,3-cd)pyrene	27.977	276	6525812	19.880	ng	99
88) Benzo(b)fluoranthene	23.471	252	5129956	19.698	ng	99
89) Benzo(k)fluoranthene	23.536	252	5125128	19.822	ng	100
90) Benzo(a)pyrene	24.301	252	5051354	19.982	ng	99
91) Dibenzo(a,h)anthracene	28.041	278	5381616	19.991	ng	99
92) Benzo(g,h,i)perylene	29.059	276	5259660	19.946	ng	99

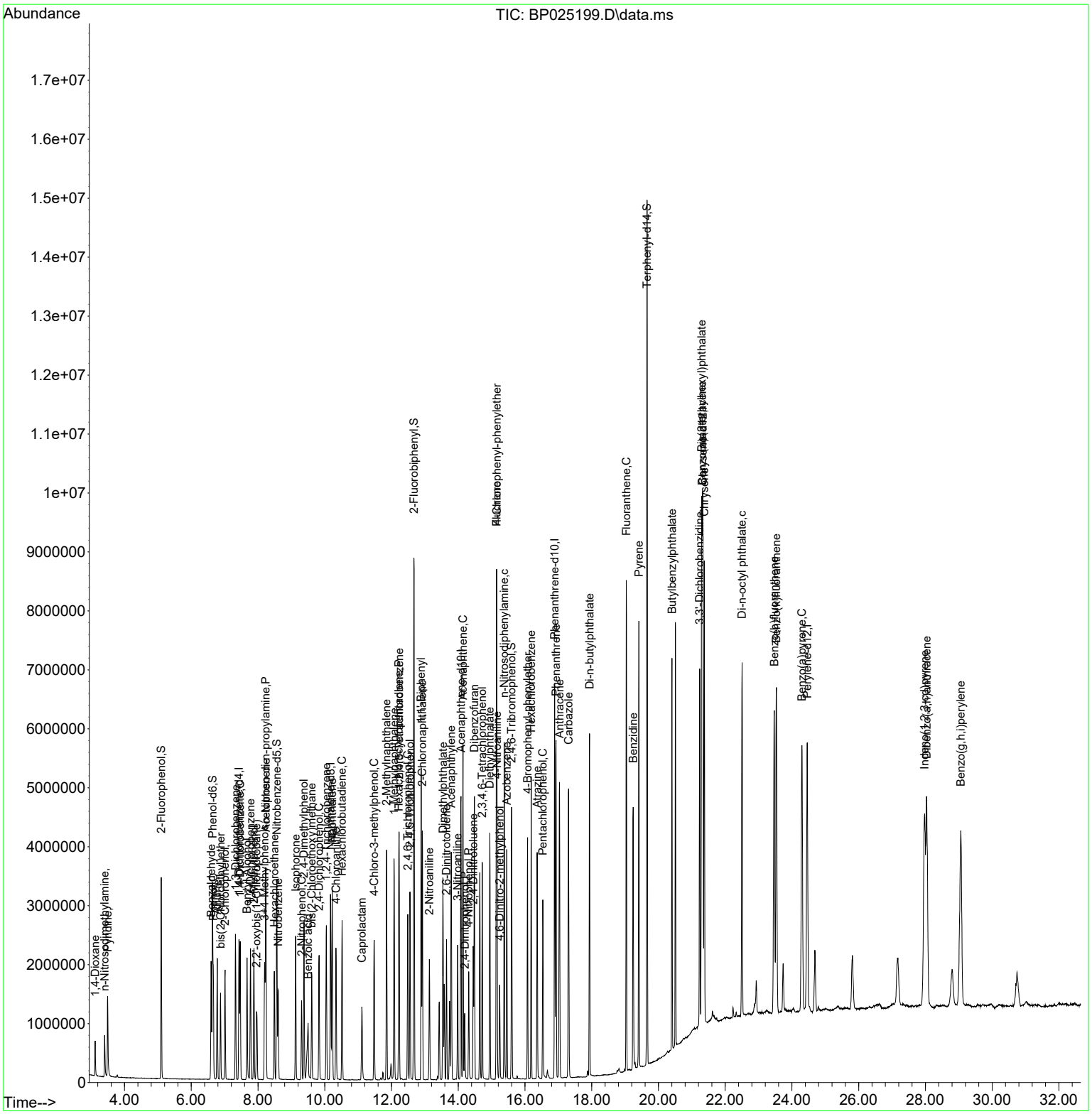
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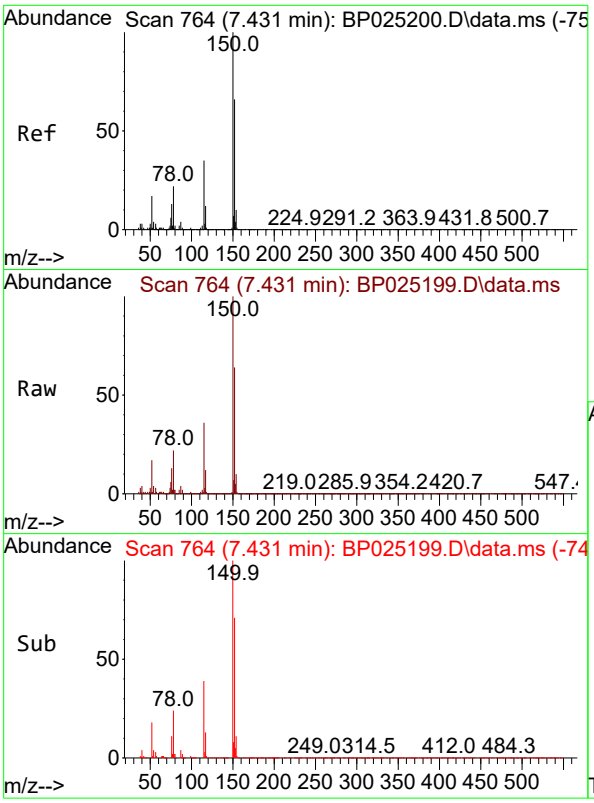
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



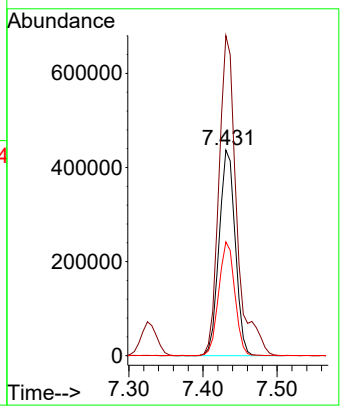


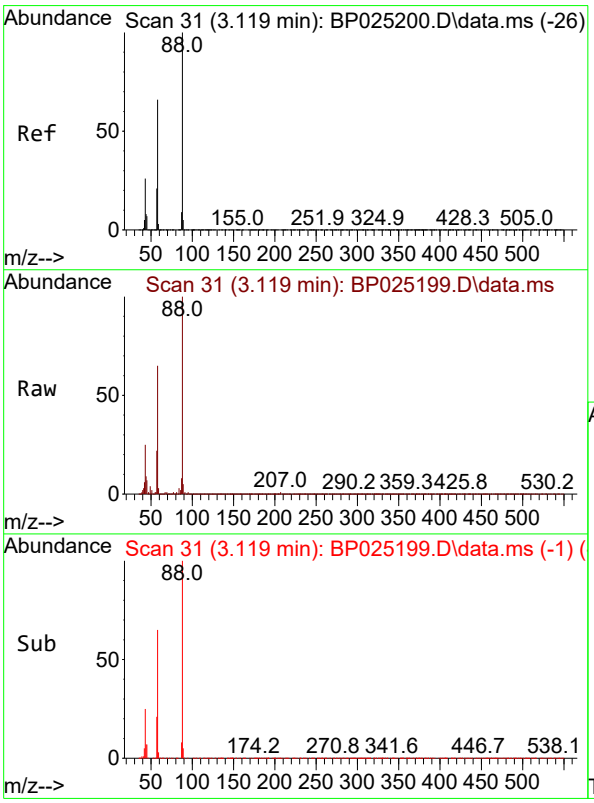
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 661165

Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.9	182.9
115	55.3	43.0	64.6

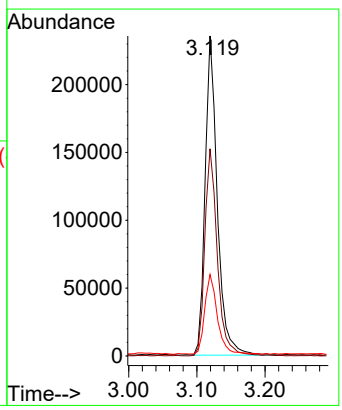


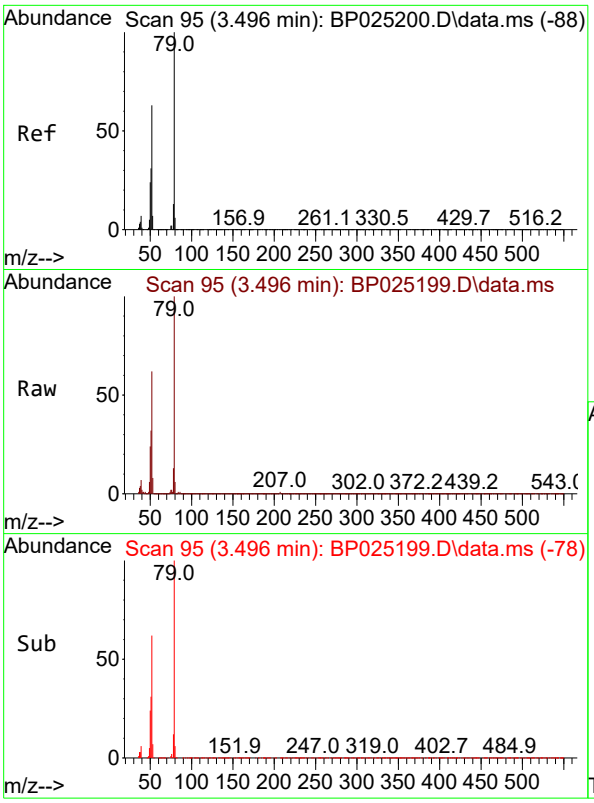


#2
1,4-Dioxane
Concen: 19.725 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 88 Resp: 293388

Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.5	80.3
43	25.8	20.8	31.2



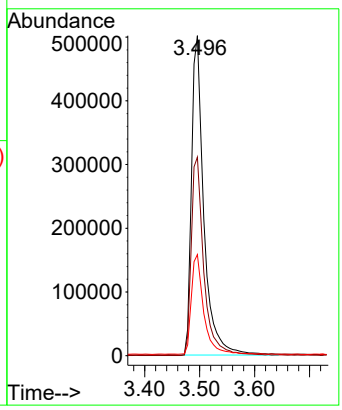


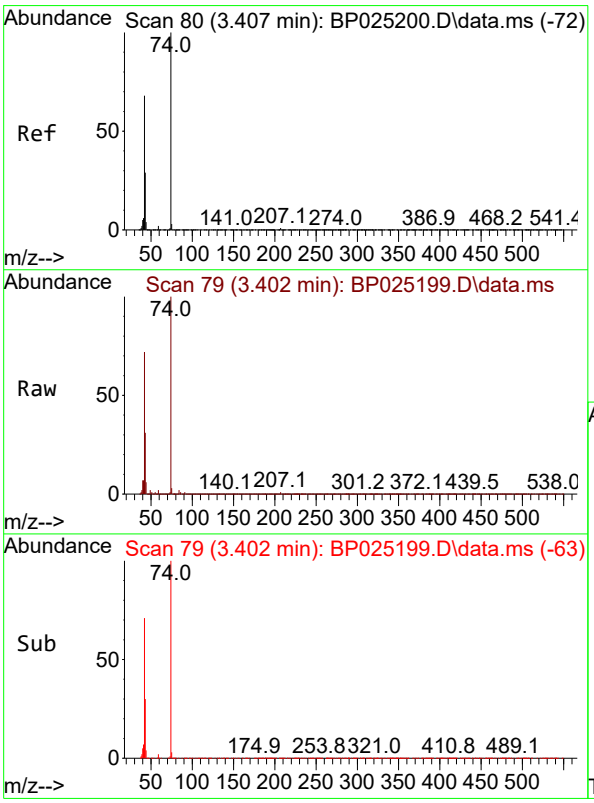
#3
Pyridine
Concen: 19.772 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 778928

Ion	Ratio	Lower	Upper
79	100		
52	62.0	50.2	75.4
51	31.6	25.0	37.4

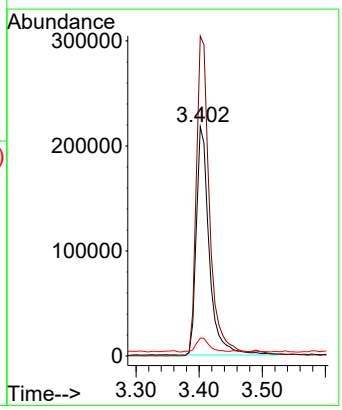


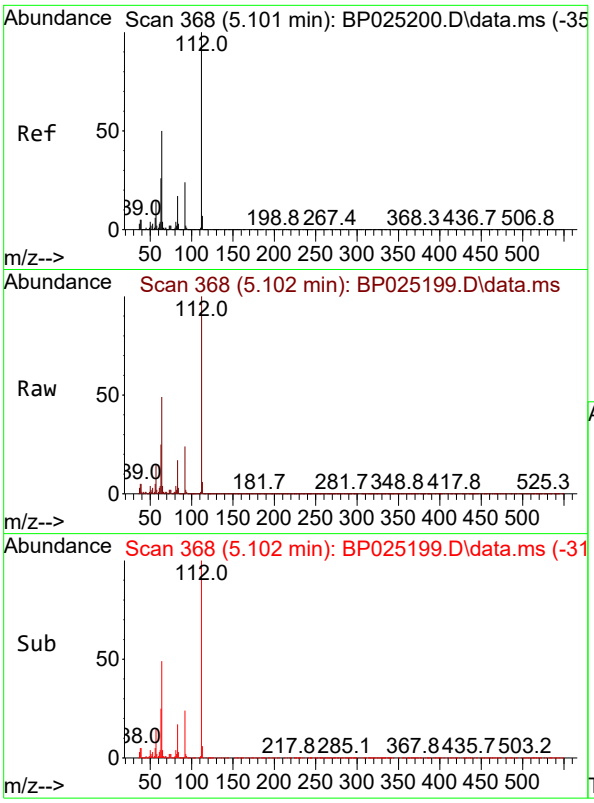


#4
n-Nitrosodimethylamine
Concen: 19.886 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 42 Resp: 309184

Ion	Ratio	Lower	Upper
42	100		
74	139.5	118.0	177.0
44	7.8	5.5	8.3



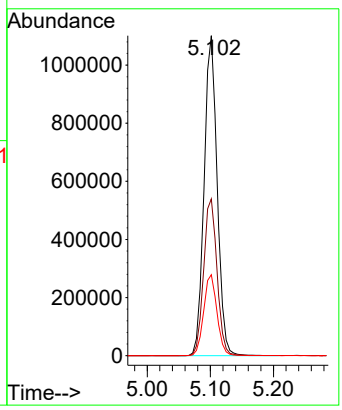


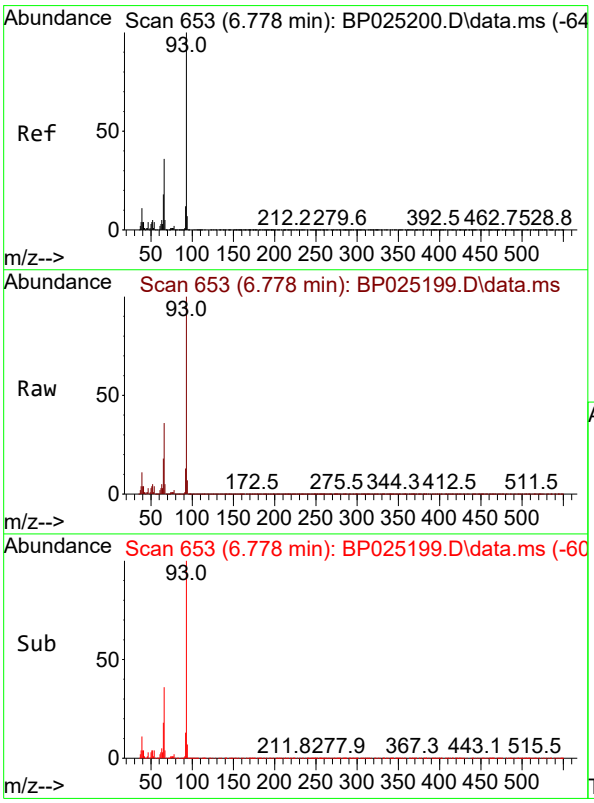
#5
2-Fluorophenol
Concen: 40.080 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 1586240

Ion	Ratio	Lower	Upper
112	100		
64	49.0	39.8	59.6
63	25.3	20.5	30.7

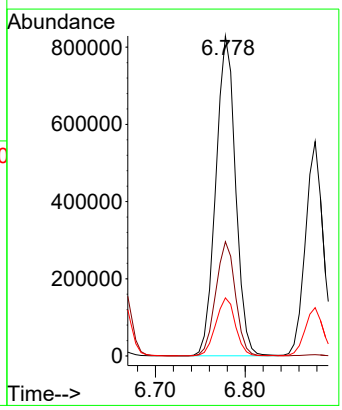


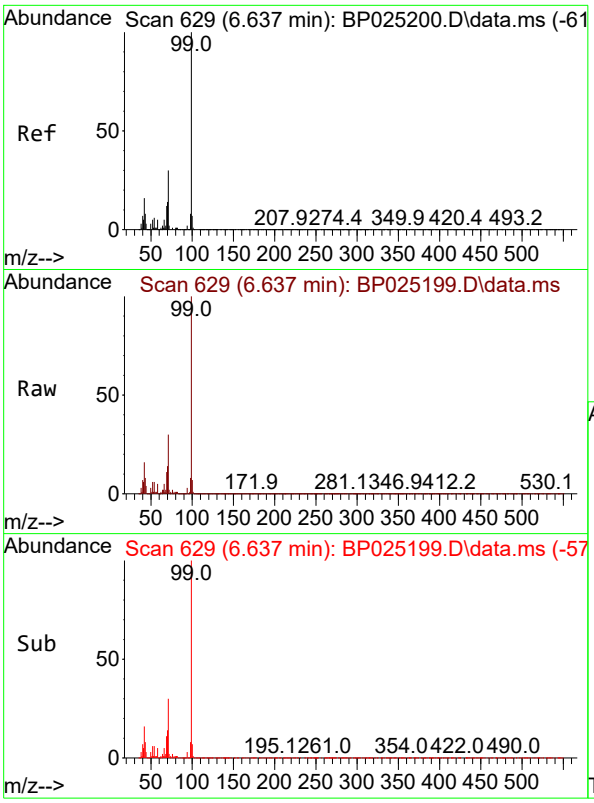


#6
Aniline
Concen: 19.904 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 93 Resp: 1264692

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.2	14.6	21.8



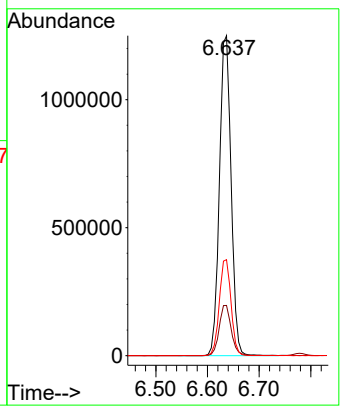


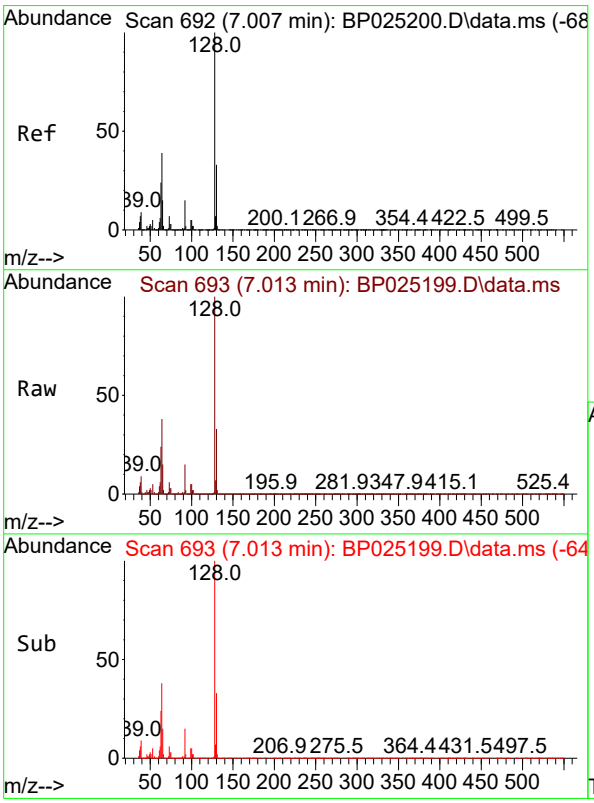
#7
Phenol-d6
Concen: 39.965 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1952718

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.0	24.2	36.2

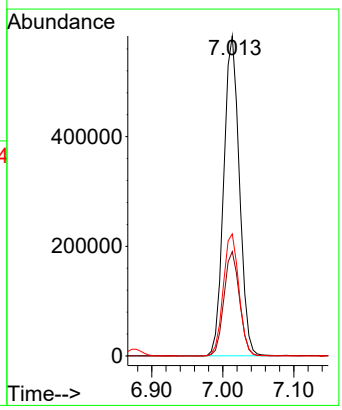


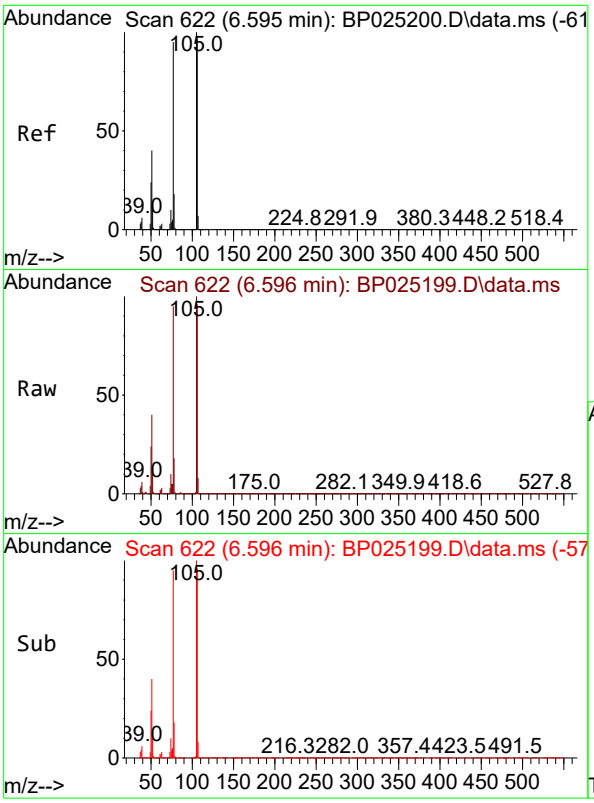


#8
2-Chlorophenol
Concen: 19.986 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:128 Resp: 890007

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	38.2	19.2	59.2



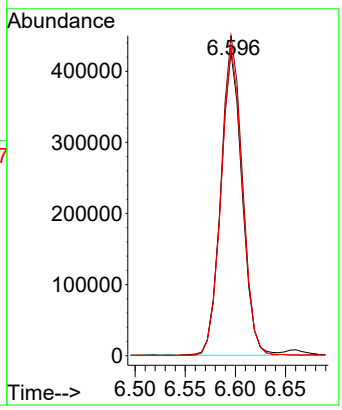


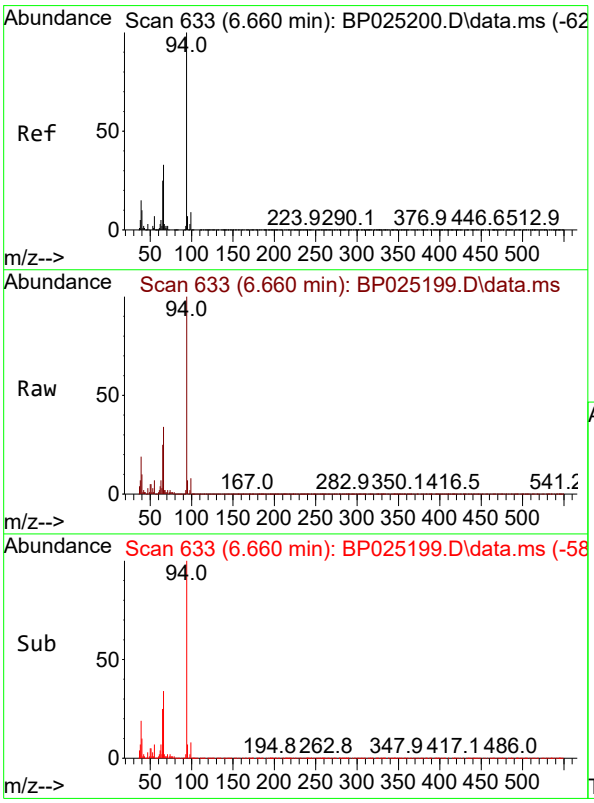
#9
Benzaldehyde
Concen: 18.066 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 630829

Ion	Ratio	Lower	Upper
77	100		
105	105.5	85.5	125.5
106	101.6	81.9	121.9

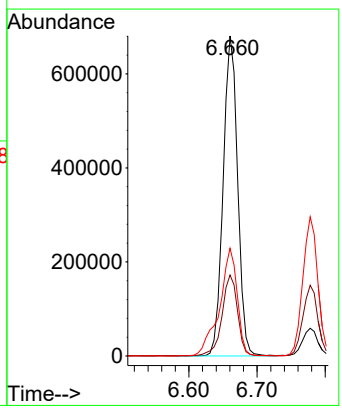


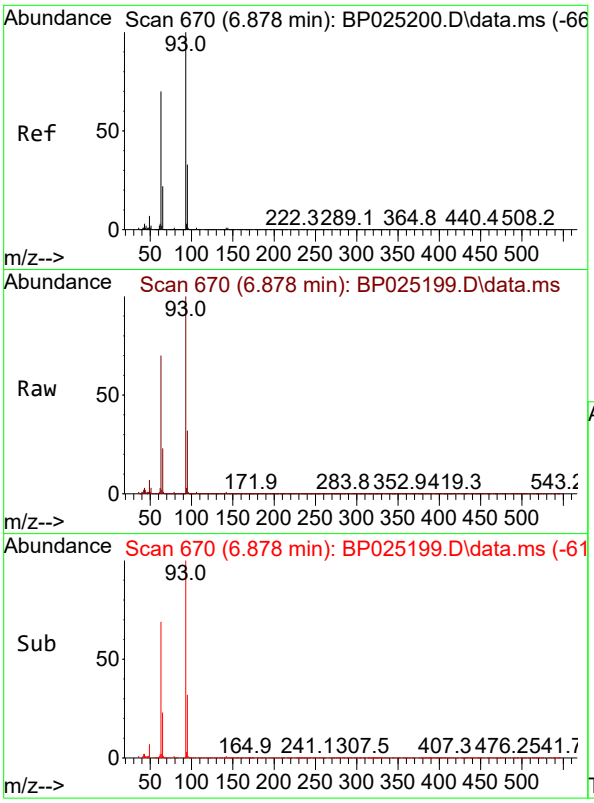


#10
Phenol
Concen: 19.897 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 94 Resp: 1005845

Ion	Ratio	Lower	Upper
94	100		
65	25.3	5.4	45.4
66	33.6	13.5	53.5



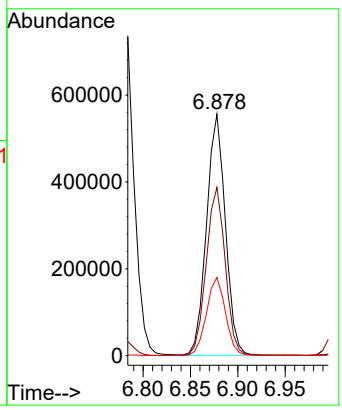


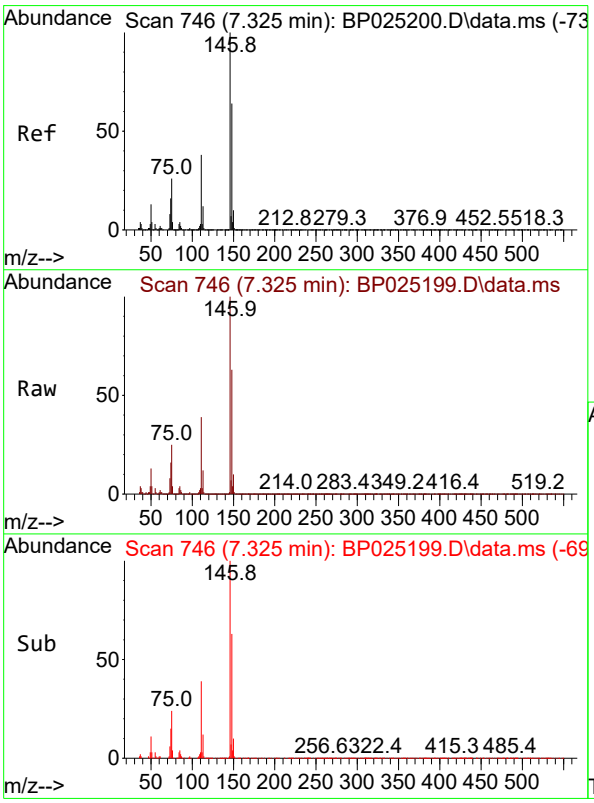
#11
bis(2-Chloroethyl)ether
Concen: 19.703 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 764760

Ion	Ratio	Lower	Upper
93	100		
63	69.7	50.0	90.0
95	32.4	12.9	52.9

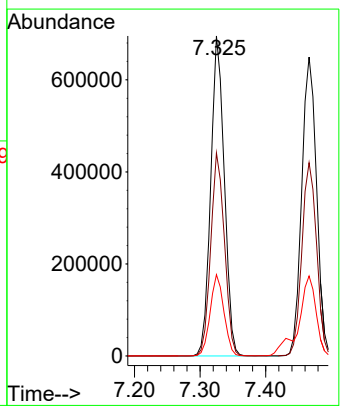


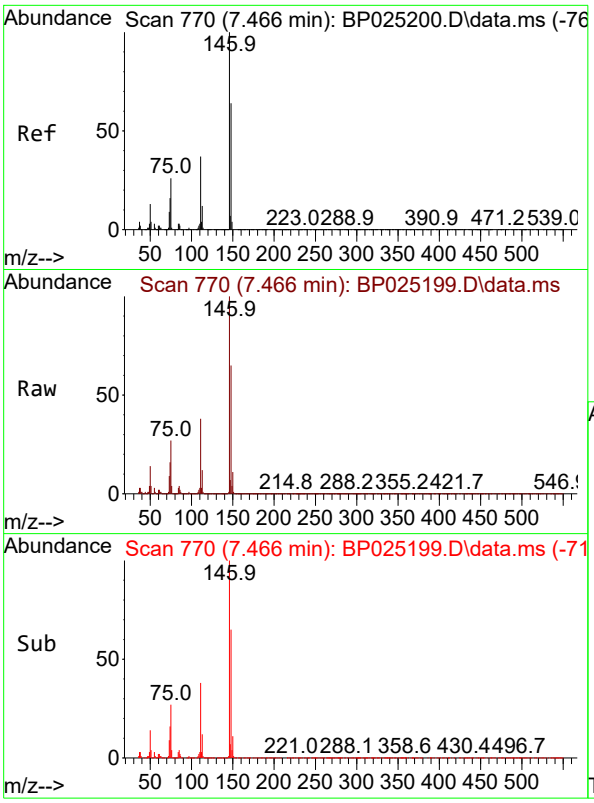


#12
1,3-Dichlorobenzene
Concen: 19.812 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:146 Resp: 1000926

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	25.4	20.6	31.0



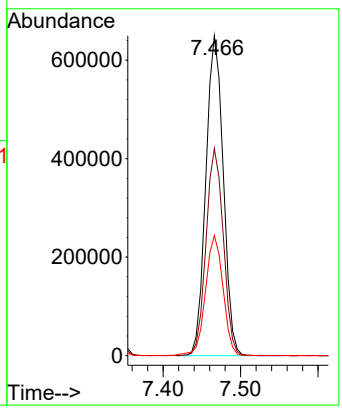


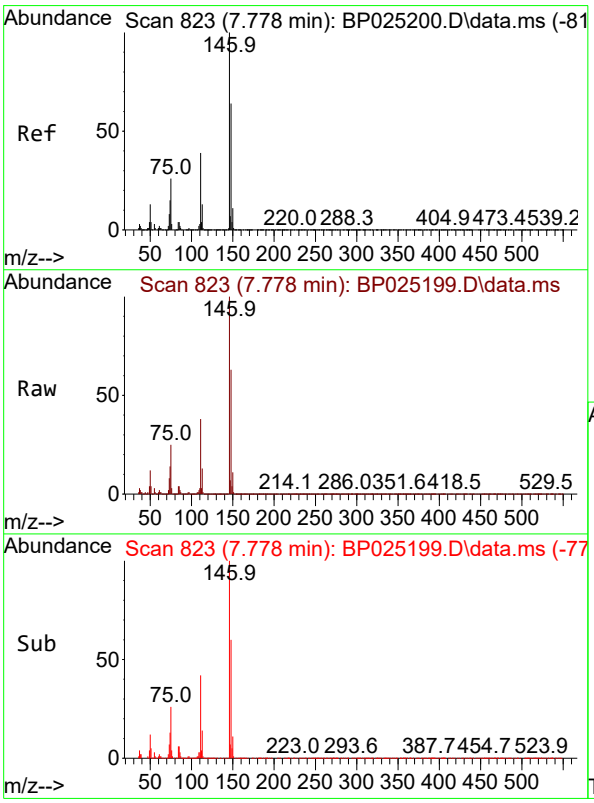
#13
1,4-Dichlorobenzene
Concen: 19.869 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 1012968

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	37.5	29.9	44.9

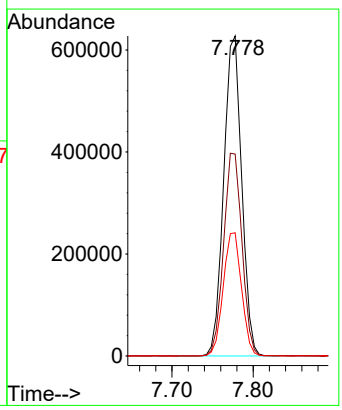


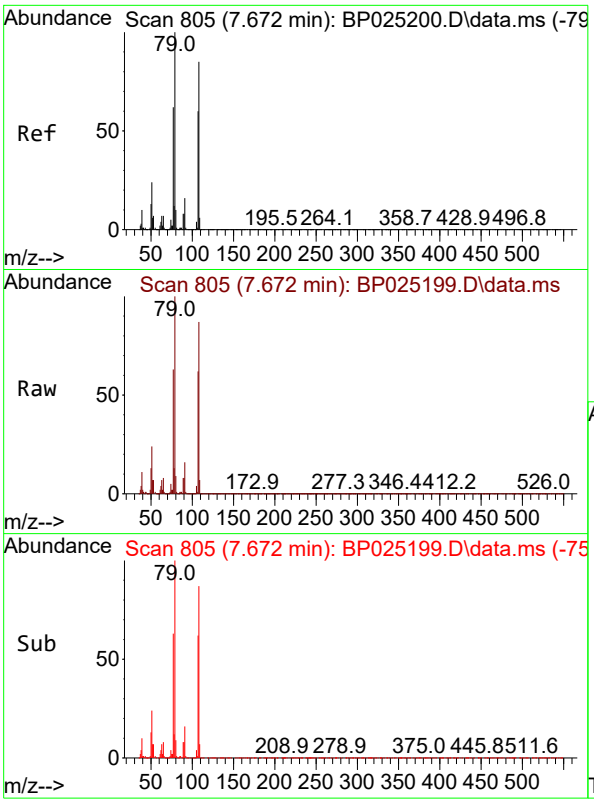


#14
1,2-Dichlorobenzene
Concen: 19.719 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:146 Resp: 966008

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.5	77.3
111	38.5	31.3	46.9



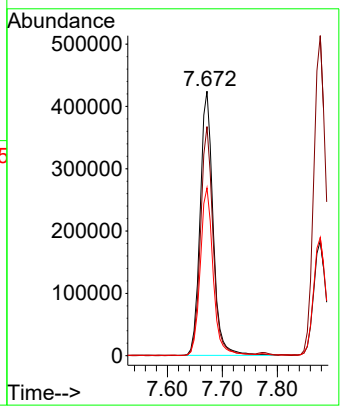


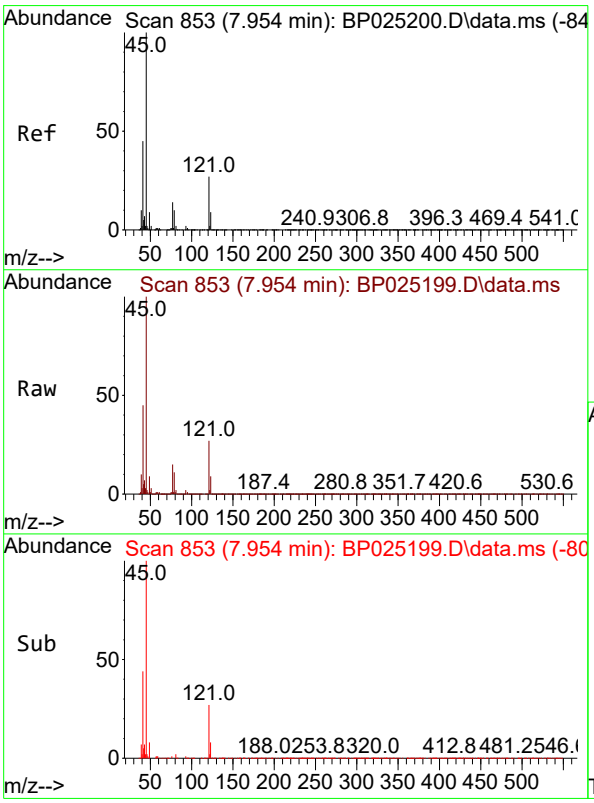
#15
Benzyl Alcohol
Concen: 19.845 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 695033

Ion	Ratio	Lower	Upper
79	100		
108	86.6	67.8	101.6
77	63.4	49.9	74.9

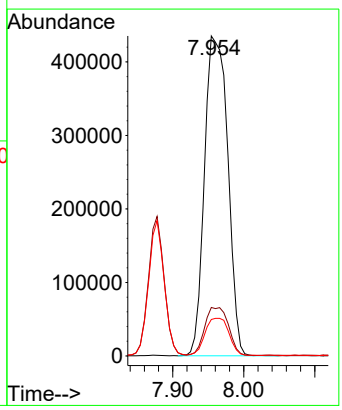


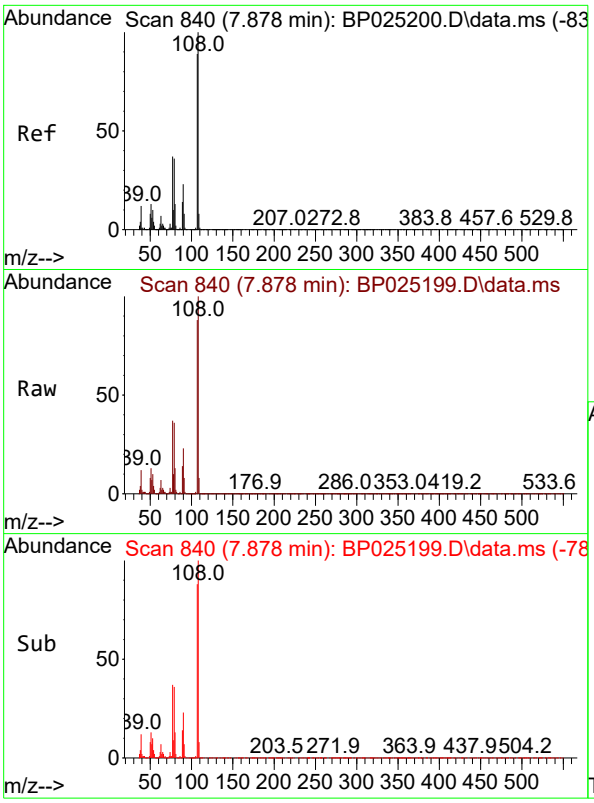


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.879 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 45 Resp: 989741

Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	36.0
79	11.4	0.0	31.7



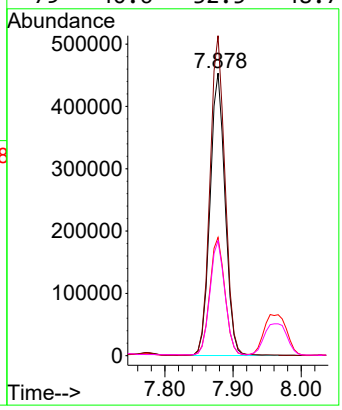


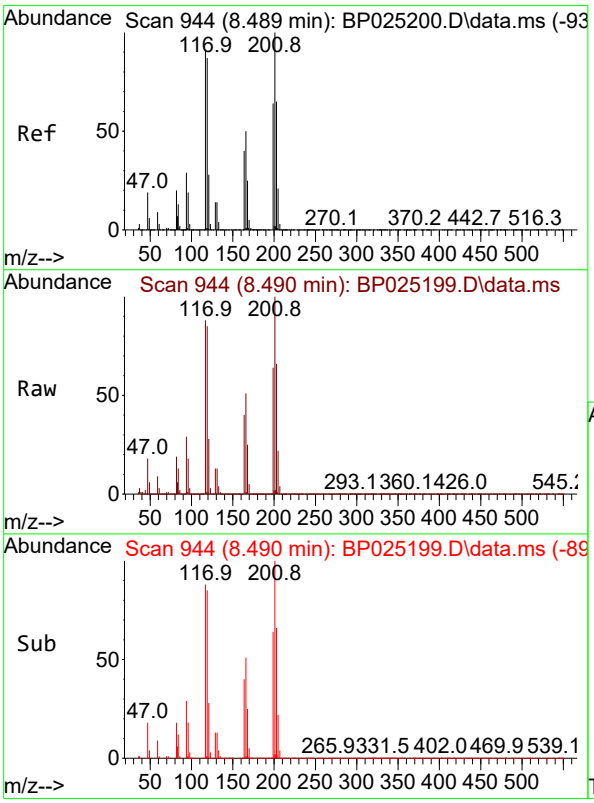
#17
2-Methylphenol
Concen: 19.906 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 696041

Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.8
77	41.9	33.2	49.8
79	40.6	32.5	48.7

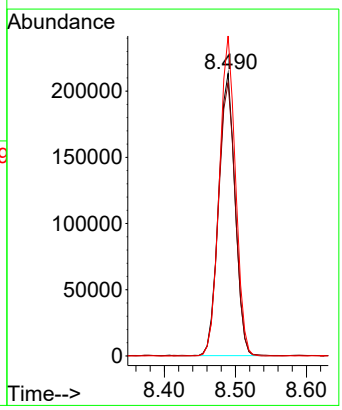


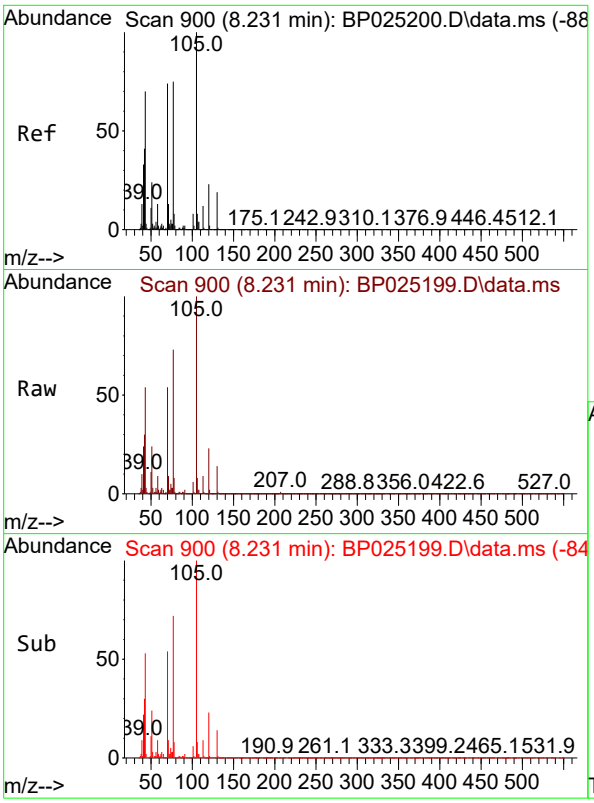


#18
Hexachloroethane
Concen: 19.645 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:117 Resp: 341991

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.6
201	113.3	88.3	132.5



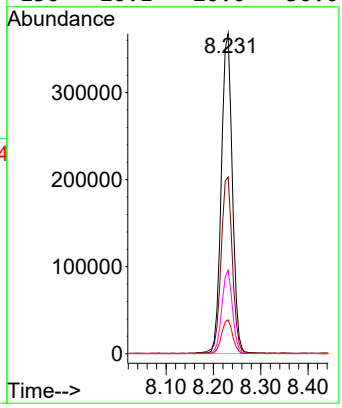


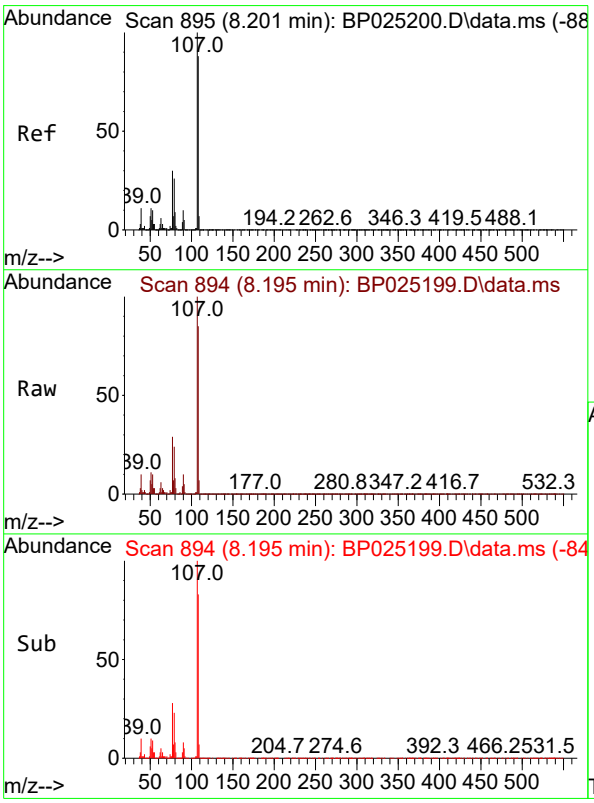
#19
n-Nitroso-di-n-propylamine
Concen: 20.185 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 594405

Ion	Ratio	Lower	Upper
70	100		
42	55.3	44.2	66.2
101	10.6	8.6	12.8
130	26.1	20.0	30.0

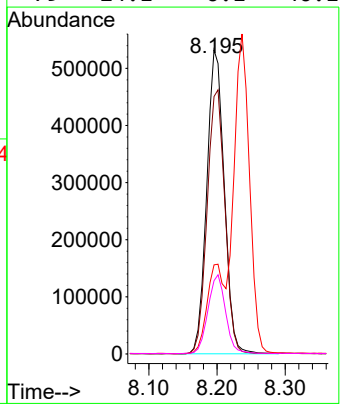


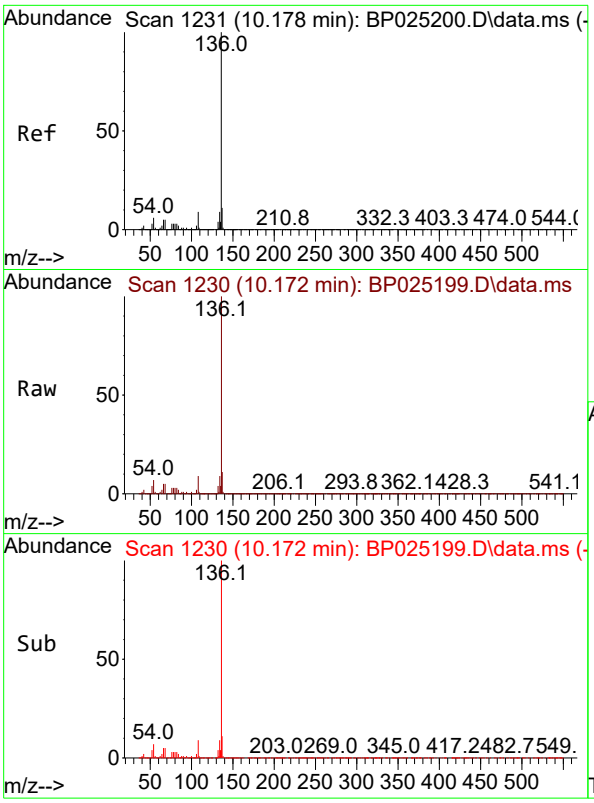


#20
3+4-Methylphenols
Concen: 19.881 ng
RT: 8.195 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:107 Resp: 949514

Ion	Ratio	Lower	Upper
107	100		
108	84.7	67.8	107.8
77	29.3	10.3	50.3
79	24.1	6.1	46.1



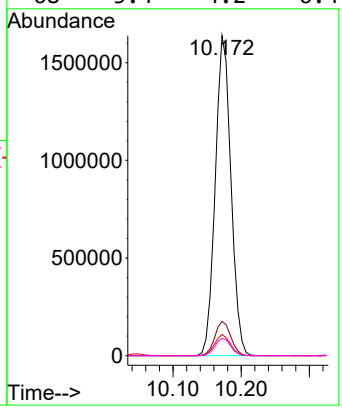


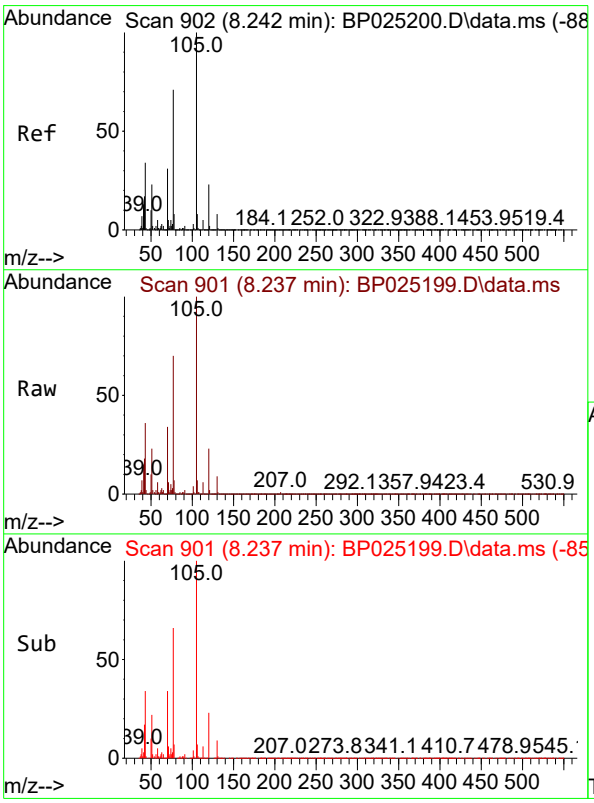
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 2624373

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.7	5.1	7.7
68	5.4	4.2	6.4

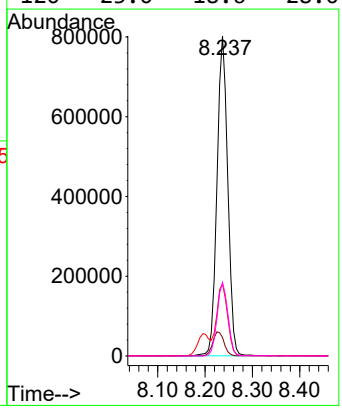


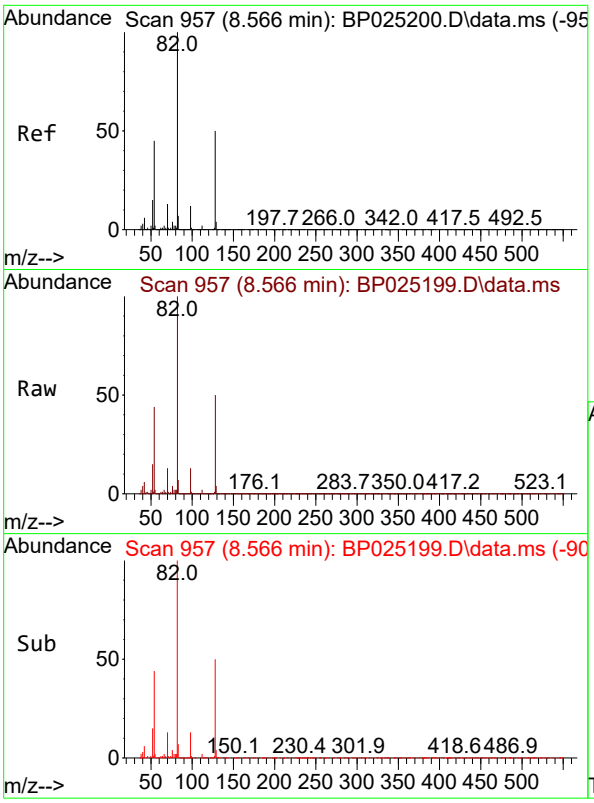


#22
Acetophenone
Concen: 20.349 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:105 Resp: 1264897

Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.1	6.1
51	22.6	18.5	27.7
120	23.0	18.6	28.0



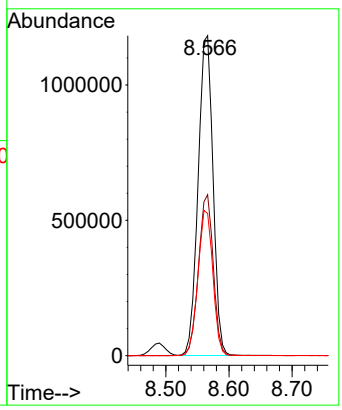


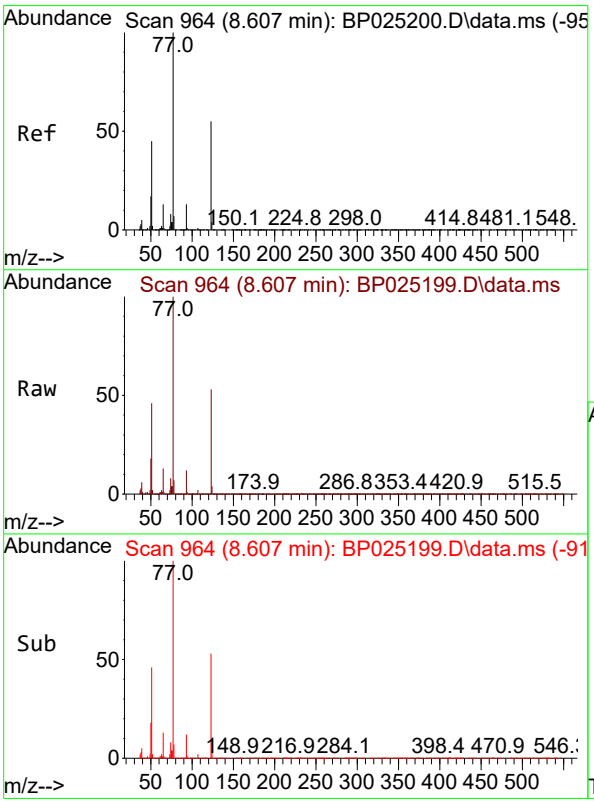
#23
Nitrobenzene-d5
Concen: 40.469 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1937093

Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.2	60.4
54	44.5	36.3	54.5

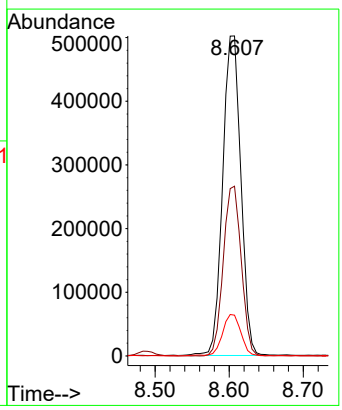


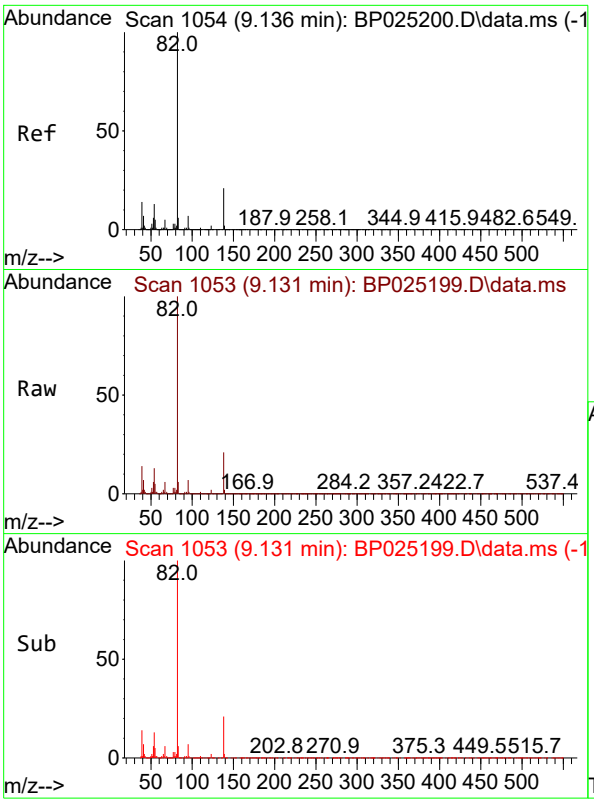


#24
Nitrobenzene
Concen: 20.145 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 77 Resp: 854569

Ion	Ratio	Lower	Upper
77	100		
123	53.0	43.6	65.4
65	12.8	10.2	15.2



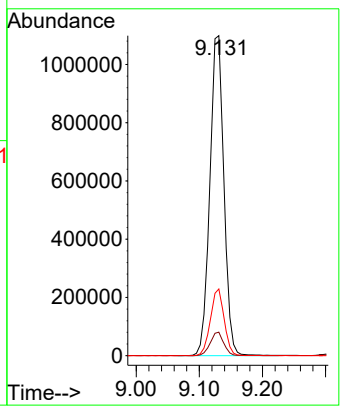


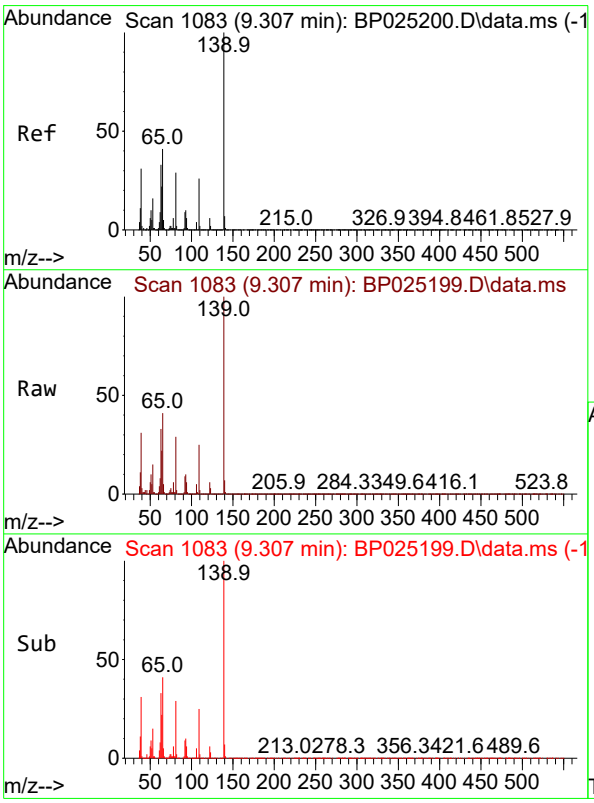
#25
Isophorone
Concen: 20.239 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1696703

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	20.9	16.6	25.0

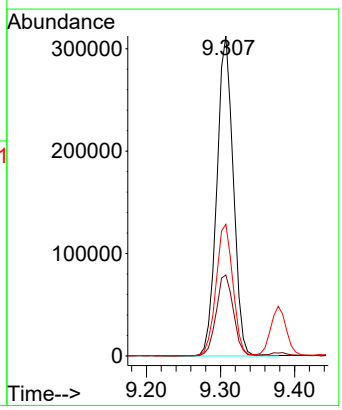


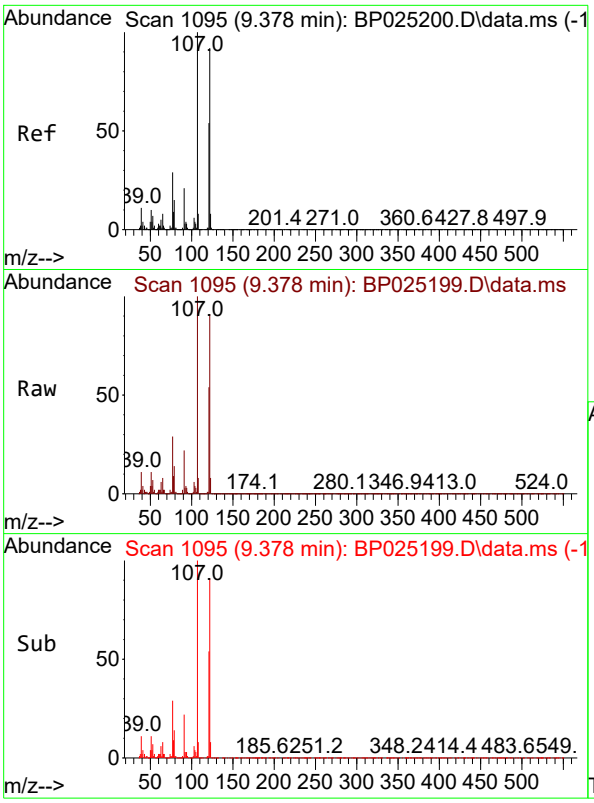


#26
2-Nitrophenol
Concen: 20.136 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:139 Resp: 480785

Ion	Ratio	Lower	Upper
139	100		
109	25.3	21.0	31.6
65	41.1	32.7	49.1



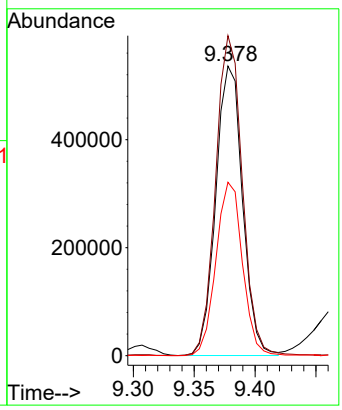


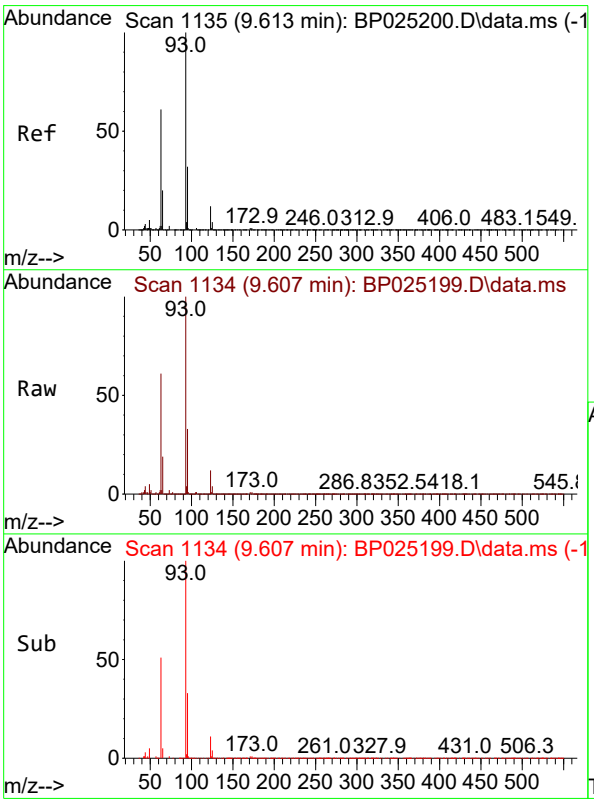
#27
2,4-Dimethylphenol
Concen: 20.144 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 818802

Ion	Ratio	Lower	Upper
122	100		
107	110.5	87.0	130.4
121	59.9	46.7	70.1

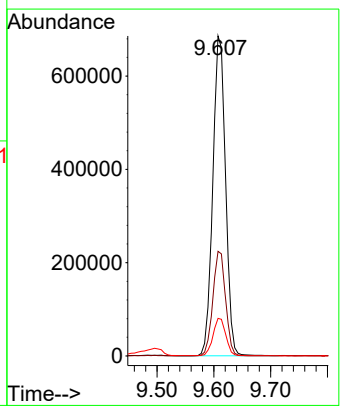


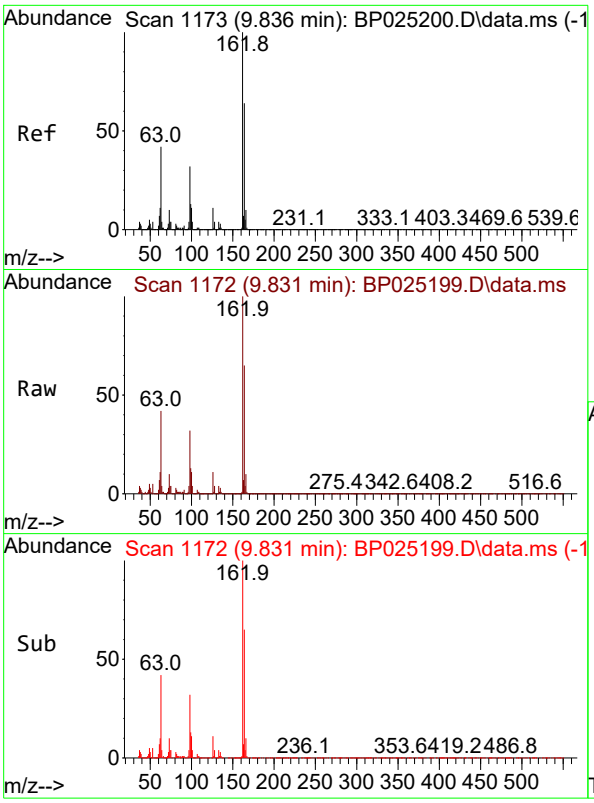


#28
bis(2-Chloroethoxy)methane
Concen: 20.235 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 93 Resp: 1064963

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.8	9.8	14.6



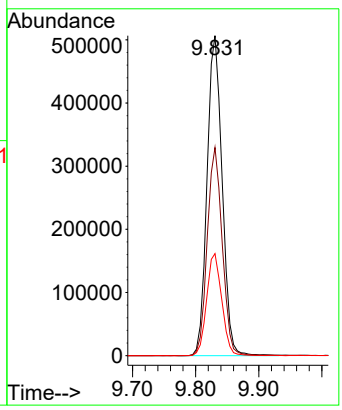


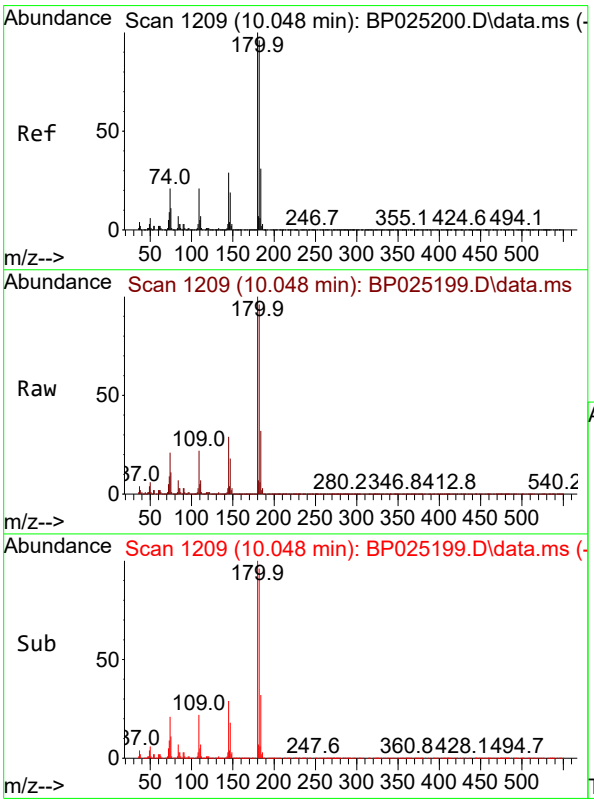
#29
2,4-Dichlorophenol
Concen: 20.169 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 840876

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.2	84.2
98	31.9	11.7	51.7

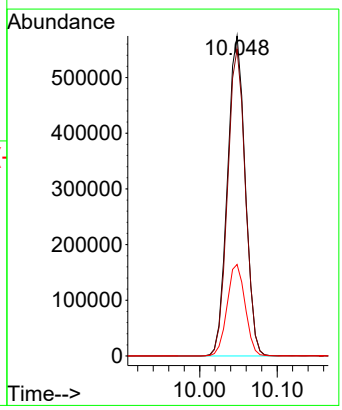


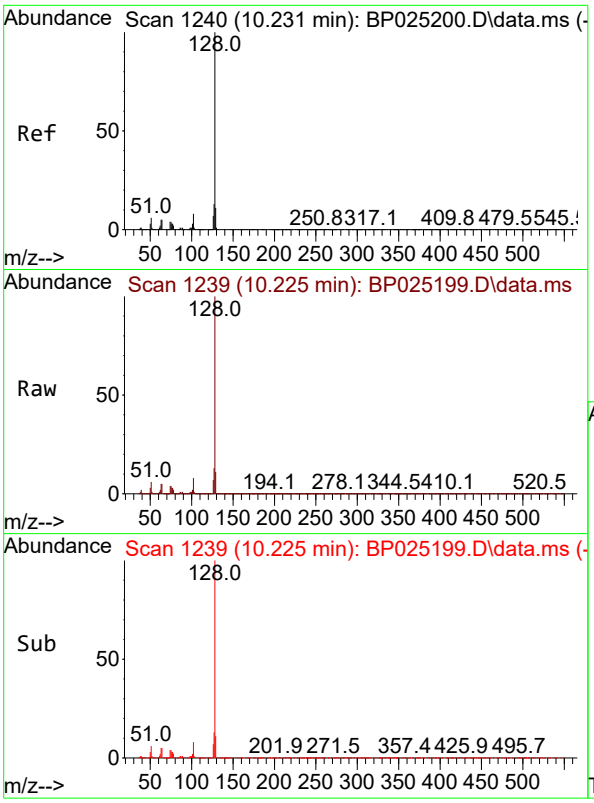


#30
1,2,4-Trichlorobenzene
Concen: 19.972 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:180 Resp: 916180

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	28.6	23.5	35.3



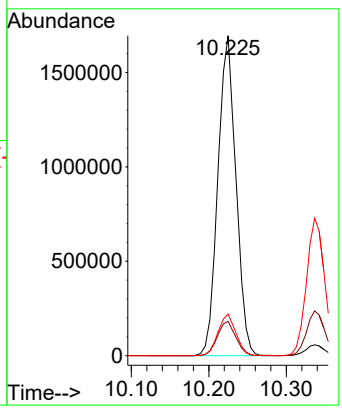


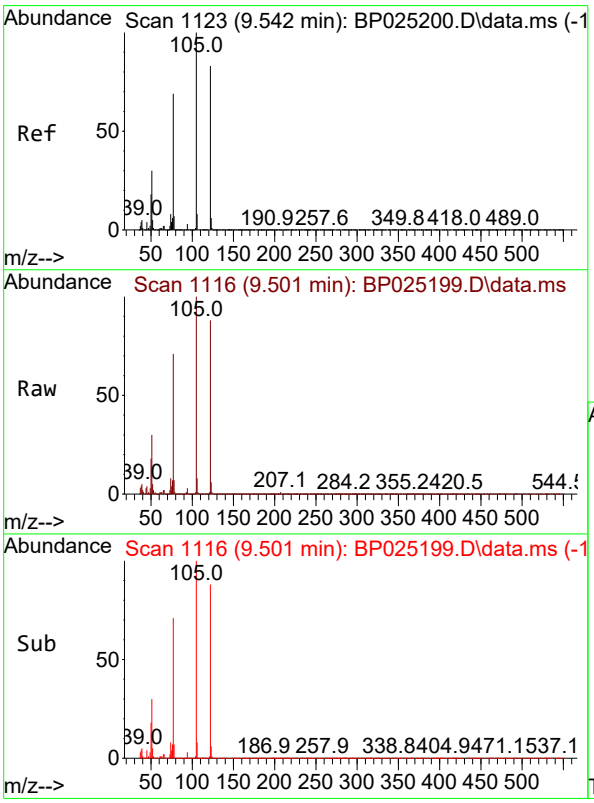
#31
Naphthalene
Concen: 20.078 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 2744118

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.0	10.4	15.6

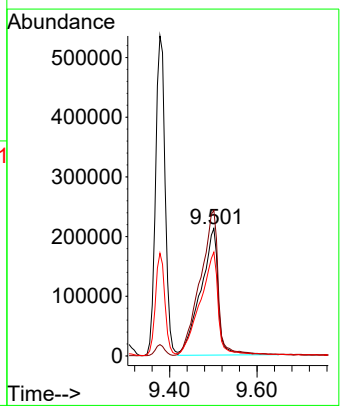


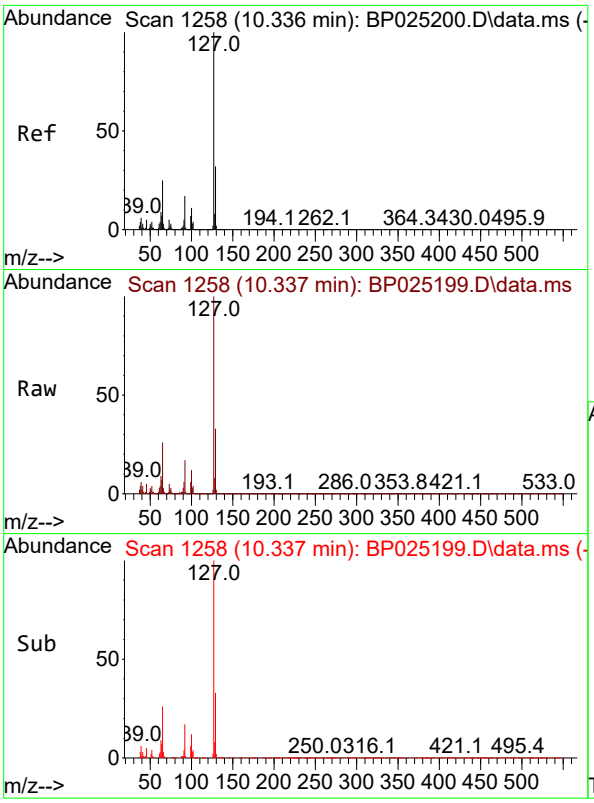


#32
Benzoic acid
Concen: 19.955 ng
RT: 9.501 min Scan# 1116
Delta R.T. -0.041 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:122 Resp: 592400

Ion	Ratio	Lower	Upper
122	100		
105	114.2	98.1	138.1
77	81.5	62.7	102.7



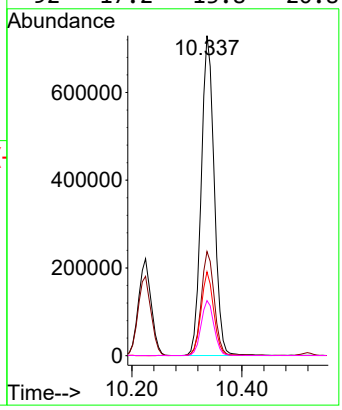


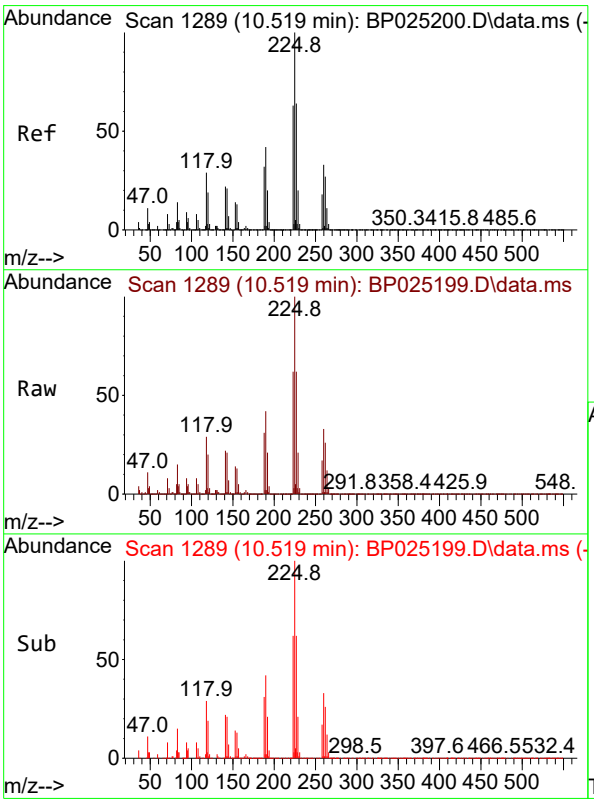
#33
4-Chloroaniline
Concen: 20.146 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 1195494

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.2	20.2	30.4
92	17.2	13.8	20.8

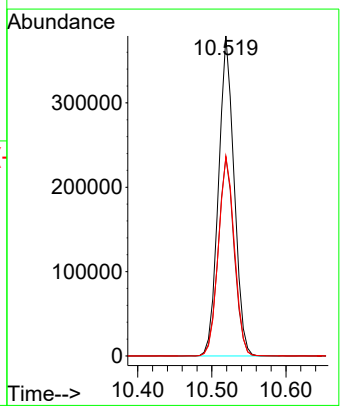


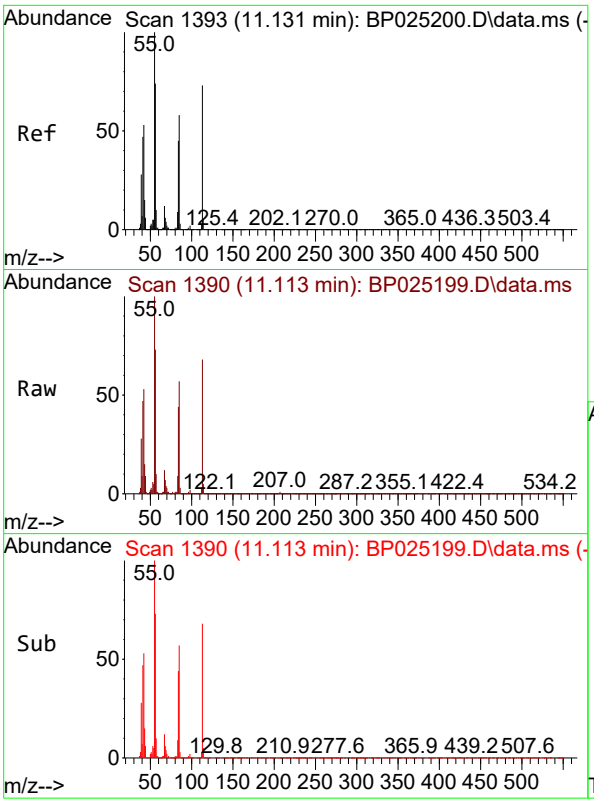


#34
Hexachlorobutadiene
Concen: 20.117 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:225 Resp: 554225

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	62.4	51.4	77.0



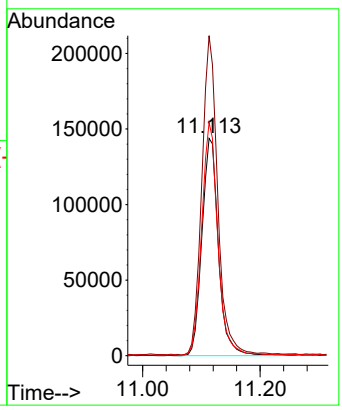


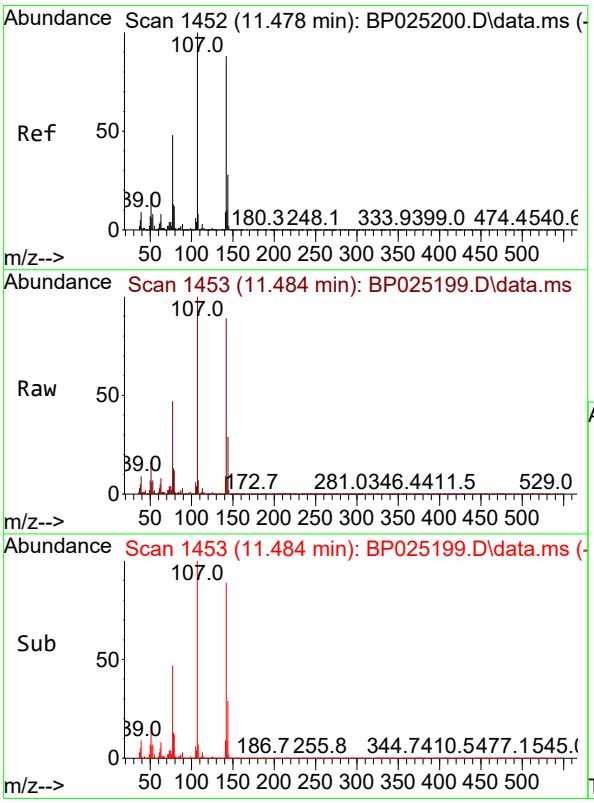
#35
Caprolactam
Concen: 20.409 ng
RT: 11.113 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 280019

Ion	Ratio	Lower	Upper
113	100		
55	147.3	117.6	157.6
56	107.3	82.4	122.4

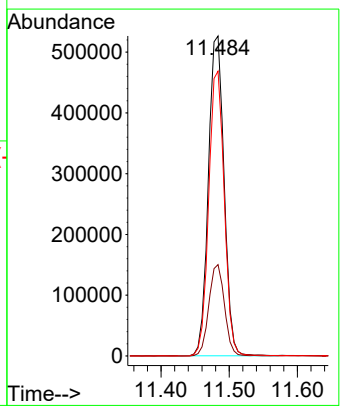


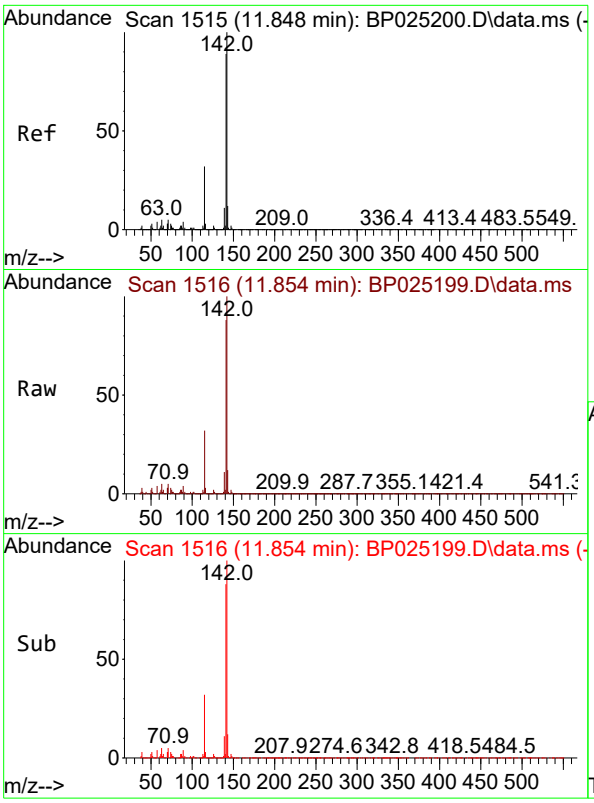


#36
4-Chloro-3-methylphenol
Concen: 20.298 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:107 Resp: 845122

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	89.0	70.6	105.8



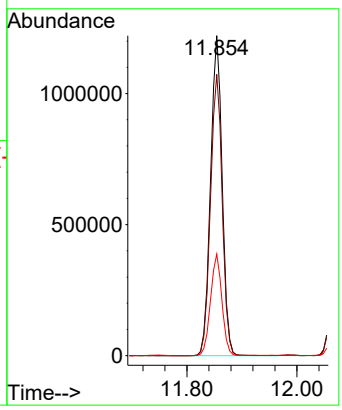


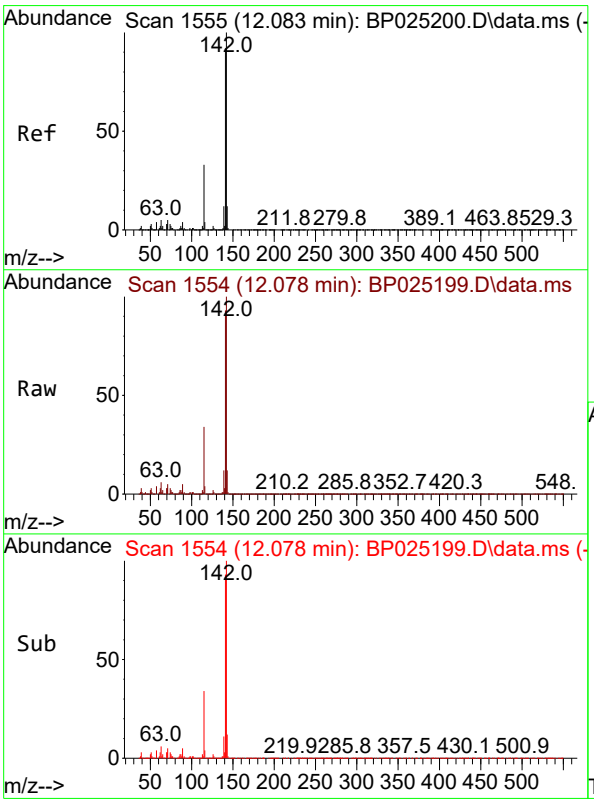
#37
2-Methylnaphthalene
Concen: 20.219 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 1787280

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8
115	31.8	25.3	37.9

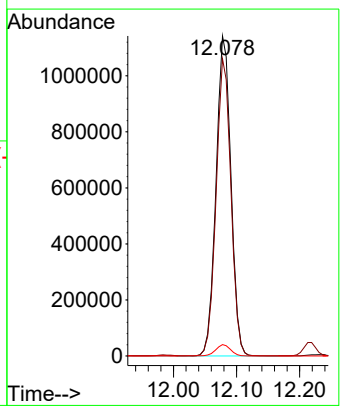


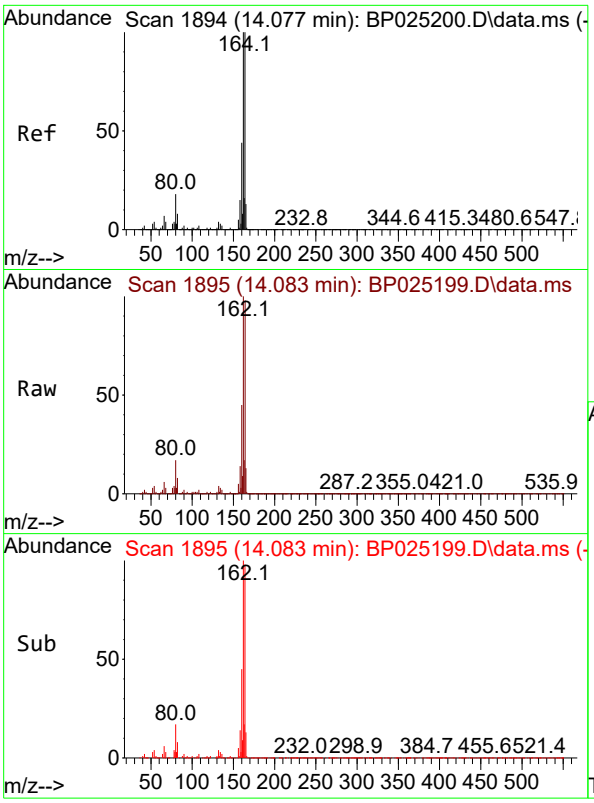


#38
1-Methylnaphthalene
Concen: 20.091 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:142 Resp: 1873159

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.8
116	3.5	2.8	4.2



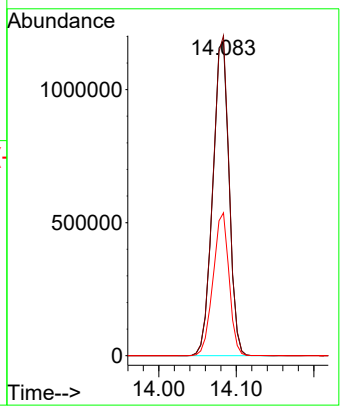


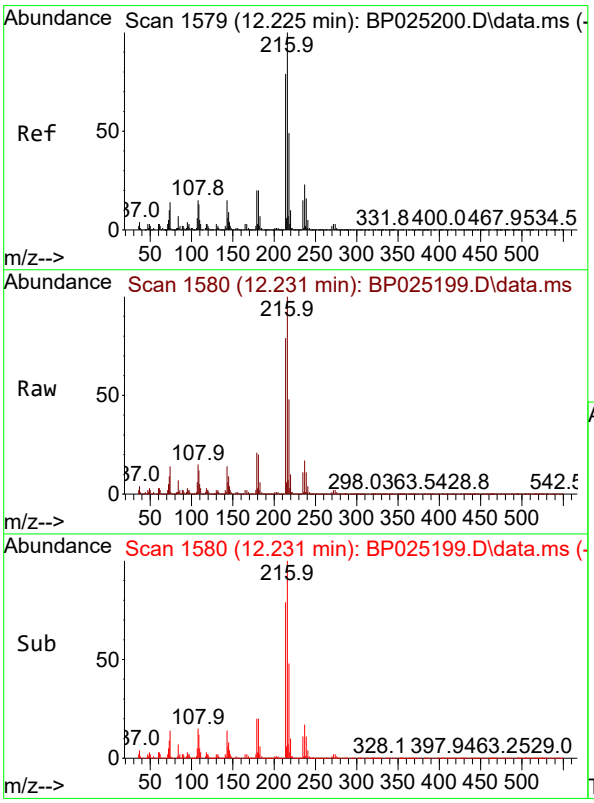
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 1725537

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.3	120.5
160	45.5	35.7	53.5

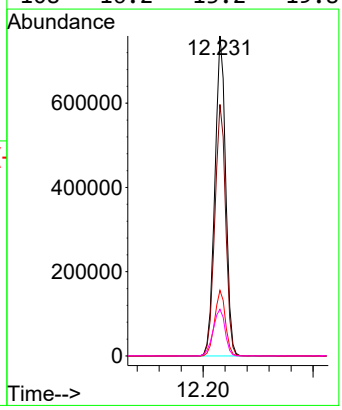


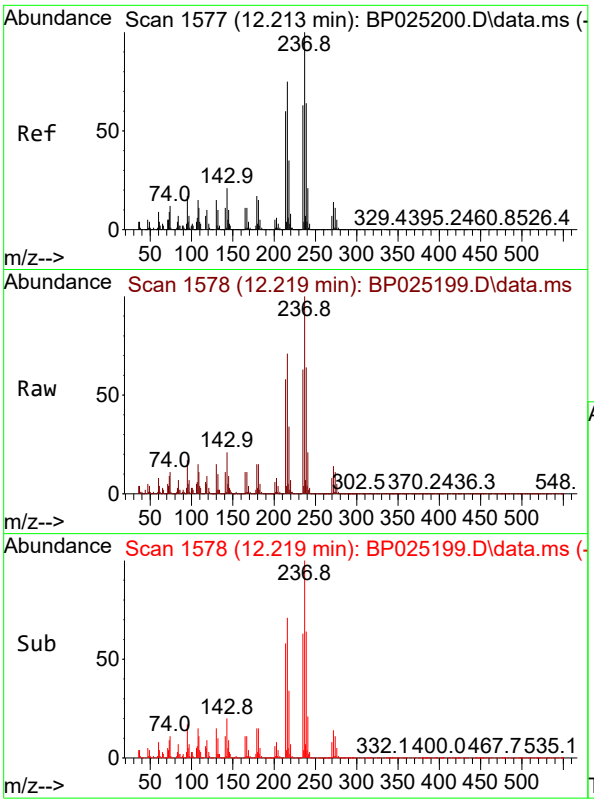


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.852 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:216 Resp: 1037365

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.7	94.1
179	20.5	16.2	24.4
108	16.2	13.2	19.8



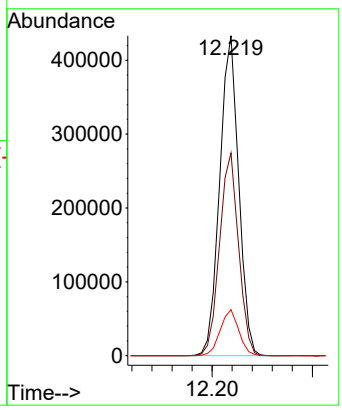


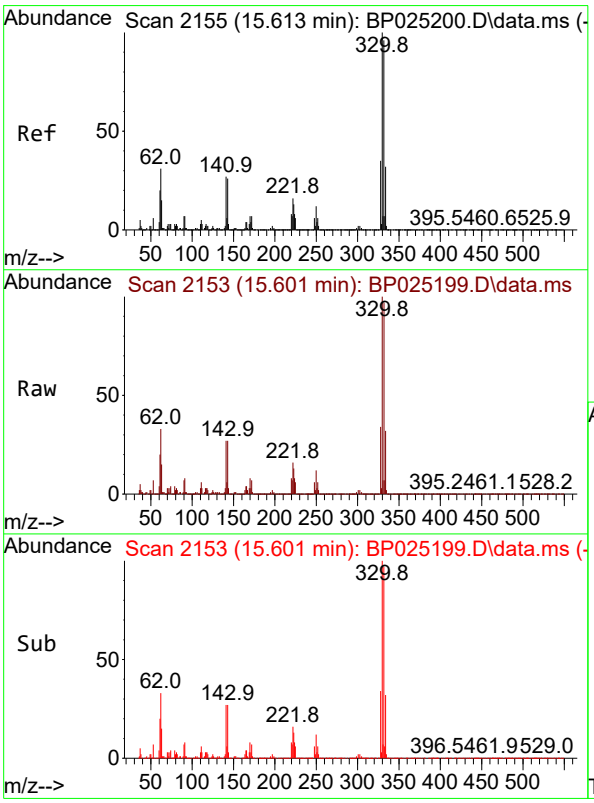
#41
Hexachlorocyclopentadiene
Concen: 19.172 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 568117

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.7	82.7
272	14.4	0.0	33.6

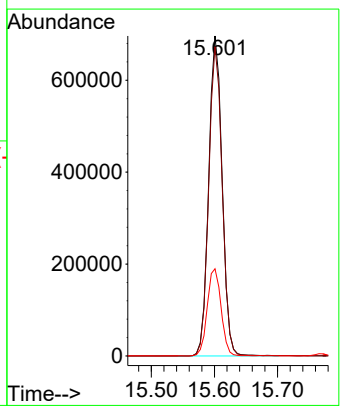


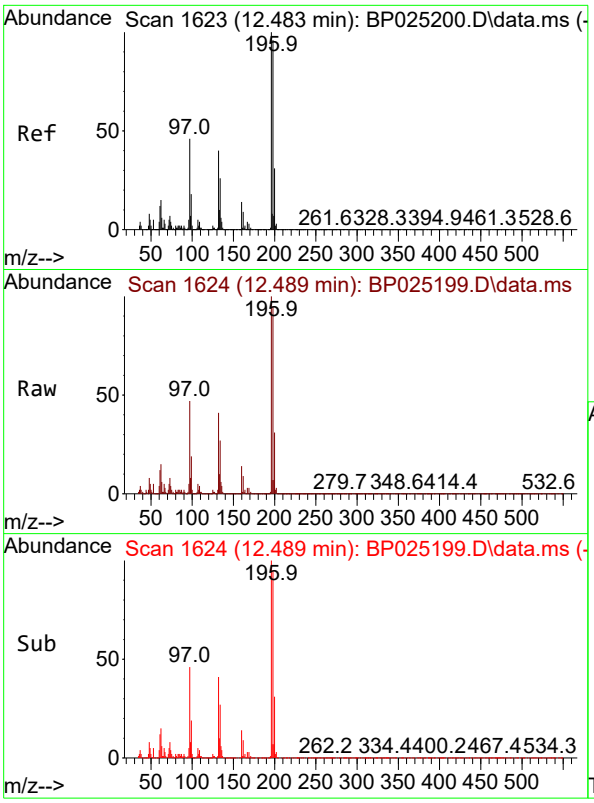


#42
2,4,6-Tribromophenol
Concen: 40.082 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:330 Resp: 1028445

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.0	22.4	33.6



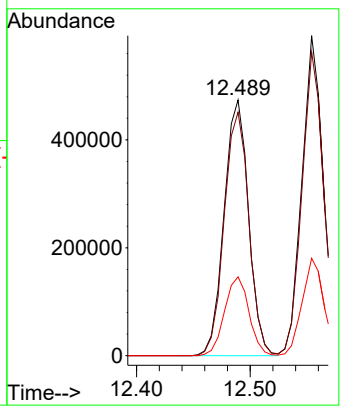


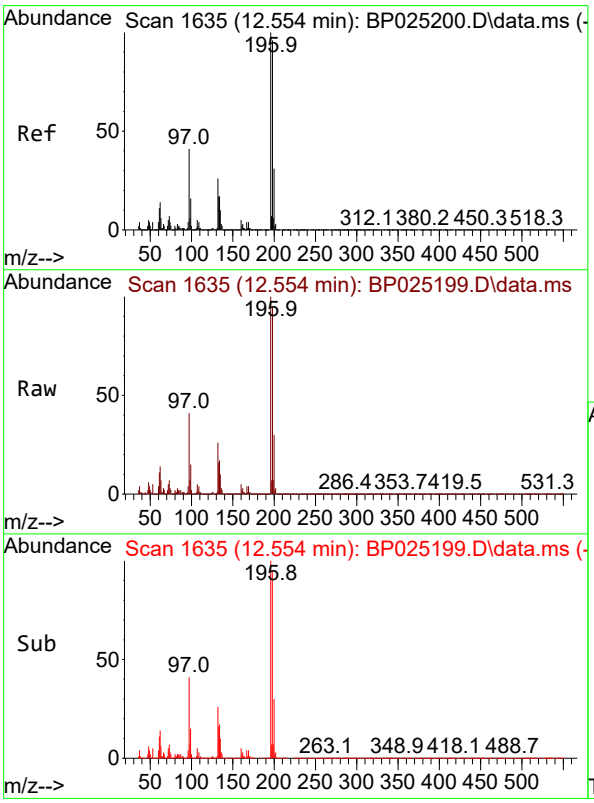
#43
2,4,6-Trichlorophenol
Concen: 20.126 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 710607

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	114.8
200	30.9	24.7	37.1

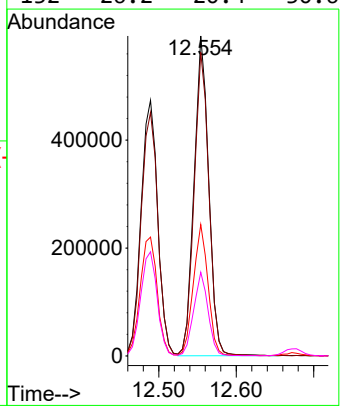


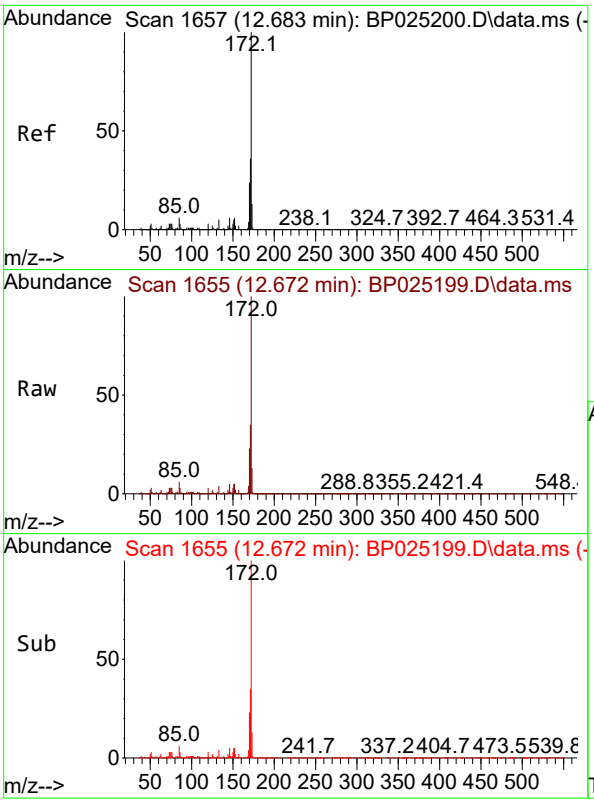


#44
2,4,5-Trichlorophenol
Concen: 20.021 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:196 Resp: 779183

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.7	115.1
97	41.0	33.0	49.4
132	26.2	20.4	30.6



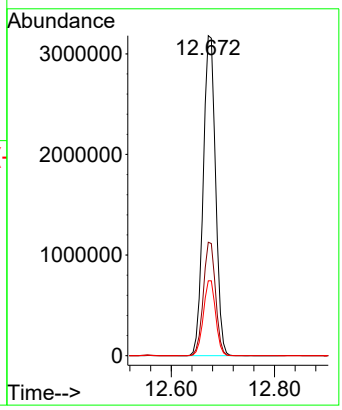


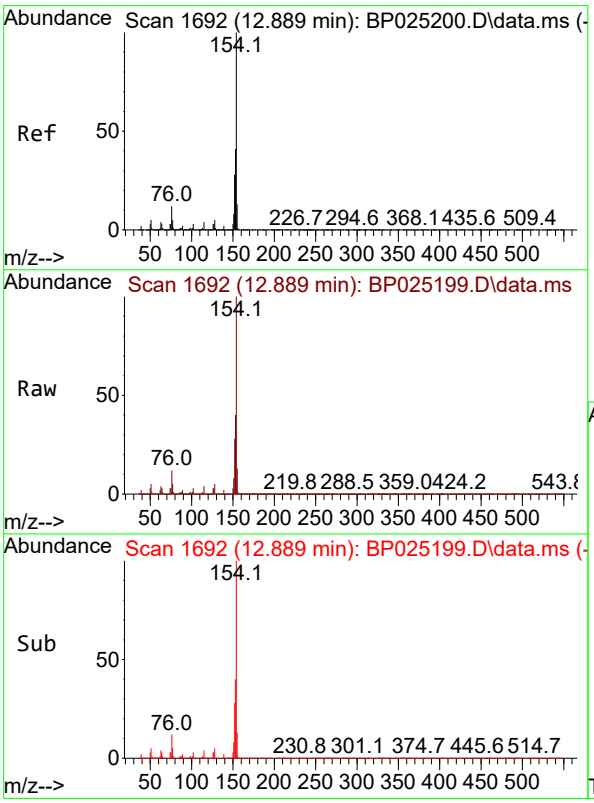
#45
2-Fluorobiphenyl
Concen: 40.382 ng
RT: 12.672 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 5263353

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.4	19.2	28.8

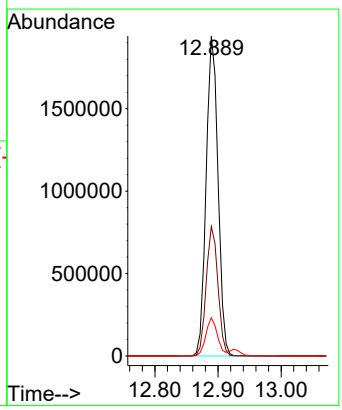


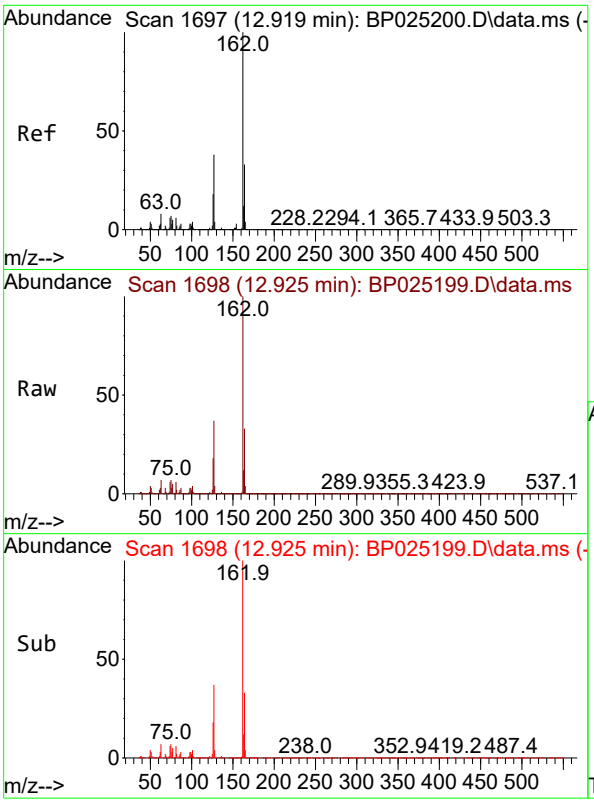


#46
1,1'-Biphenyl
Concen: 19.863 ng
RT: 12.889 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:154 Resp: 2534298

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	11.9	0.0	31.6



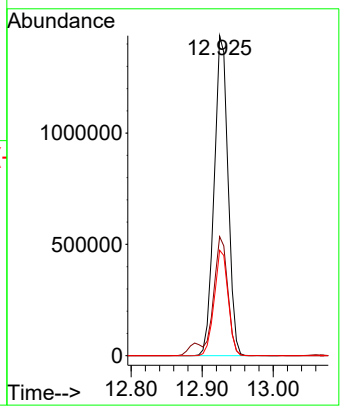


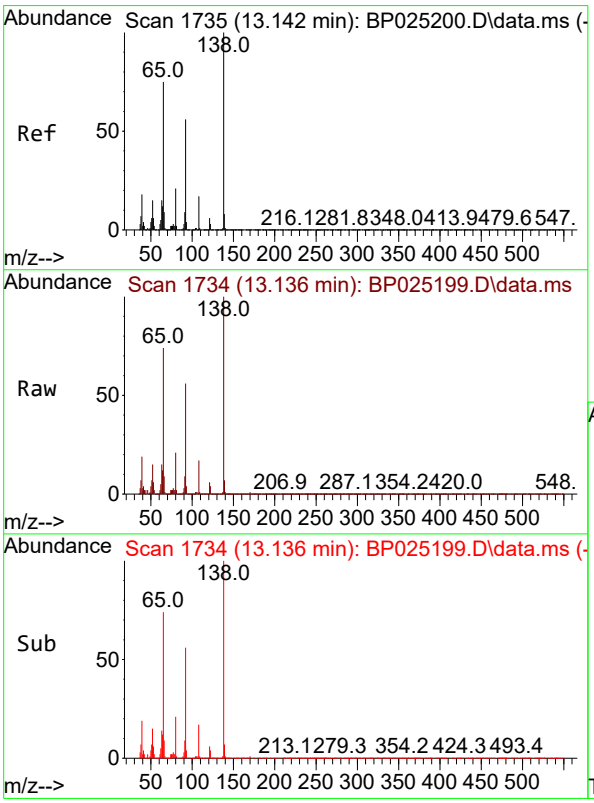
#47
2-Chloronaphthalene
Concen: 19.663 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1943669

Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.1	45.1
164	33.0	26.5	39.7

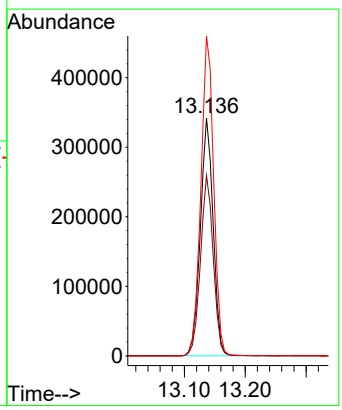


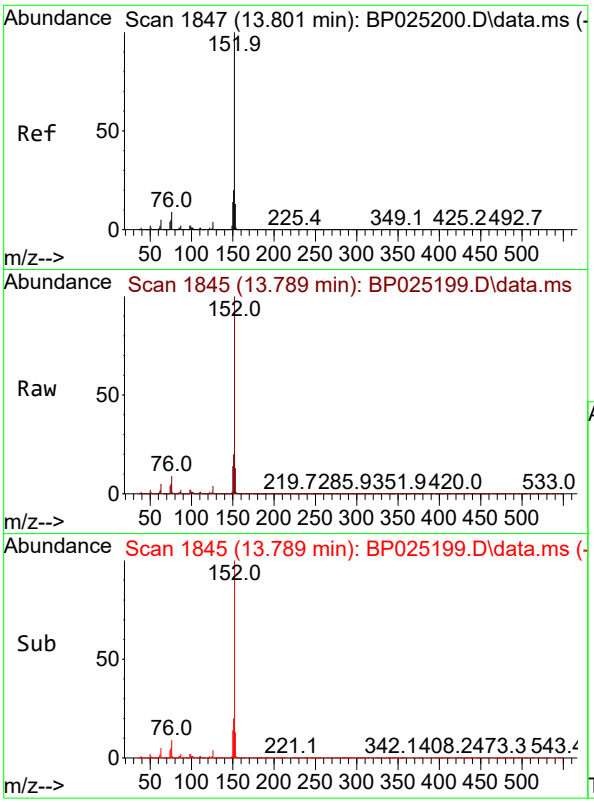


#48
2-Nitroaniline
Concen: 20.158 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 65 Resp: 499848

Ion	Ratio	Lower	Upper
65	100		
92	75.8	59.9	89.9
138	134.5	107.1	160.7



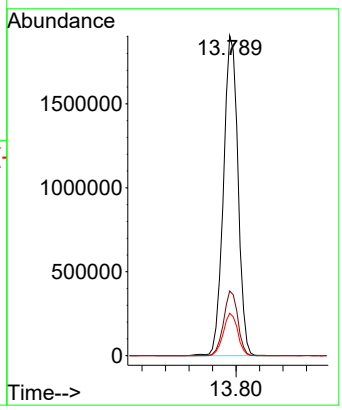


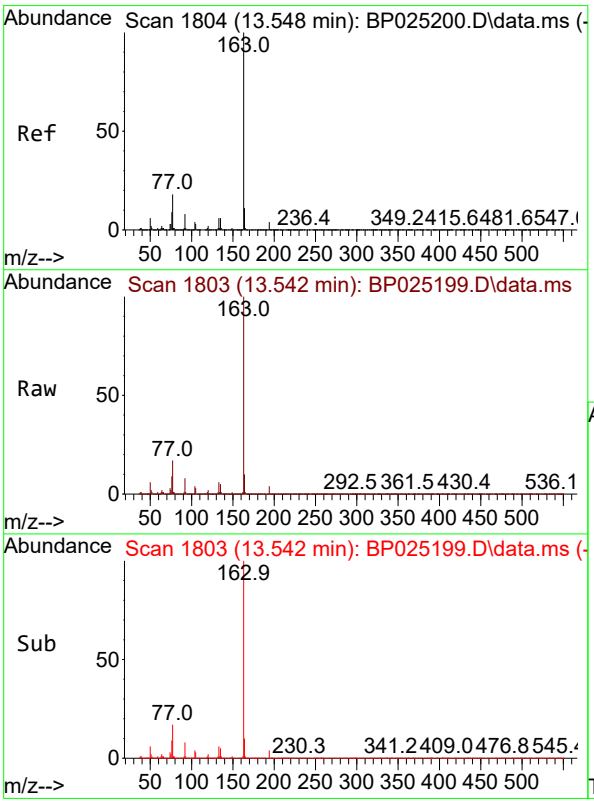
#49
Acenaphthylene
Concen: 20.152 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 3266617

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	15.8

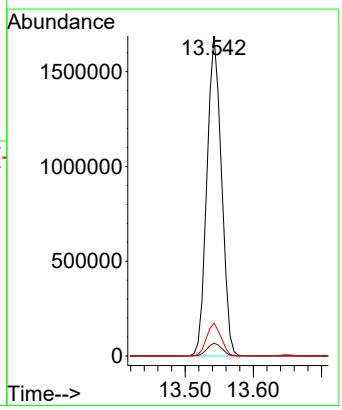


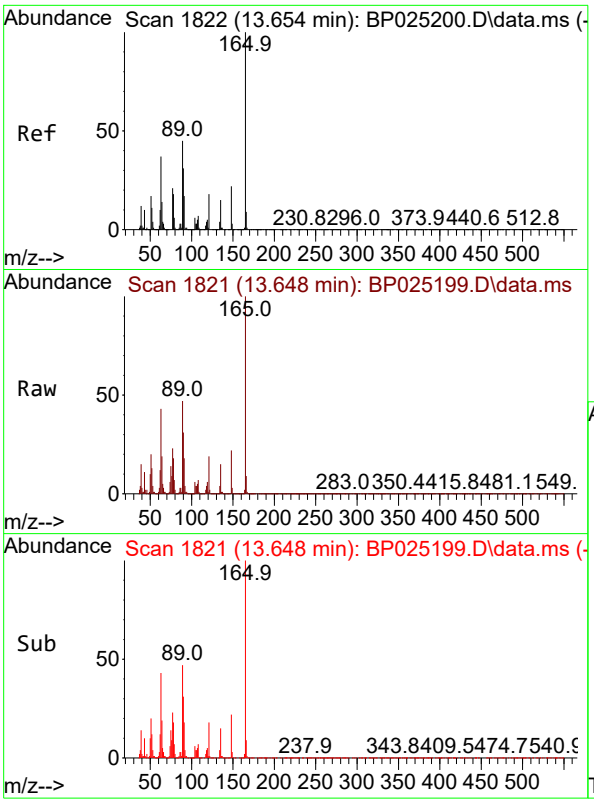


#50
Dimethylphthalate
Concen: 19.973 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:163 Resp: 2514591

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7



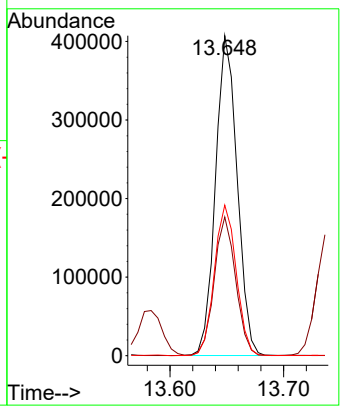


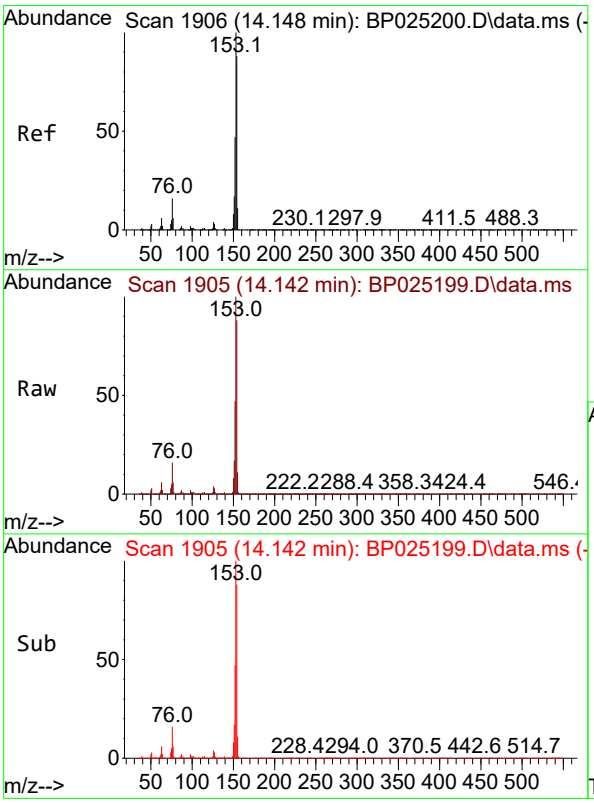
#51
2,6-Dinitrotoluene
Concen: 20.233 ng
RT: 13.648 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 539220

Ion	Ratio	Lower	Upper
165	100		
63	43.4	33.4	50.2
89	47.0	36.3	54.5

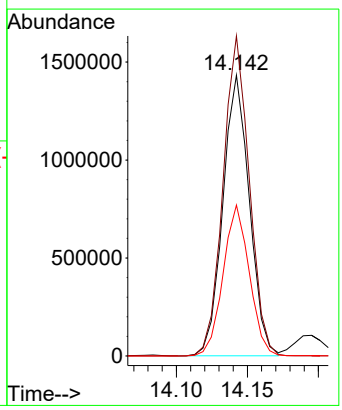


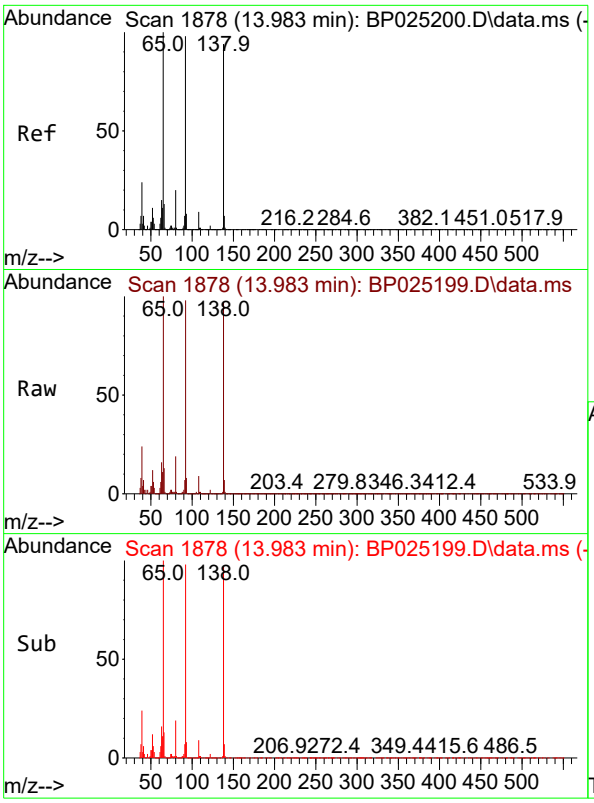


#52
Acenaphthene
Concen: 19.907 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:154 Resp: 1858898

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.7	136.1
152	53.7	42.9	64.3



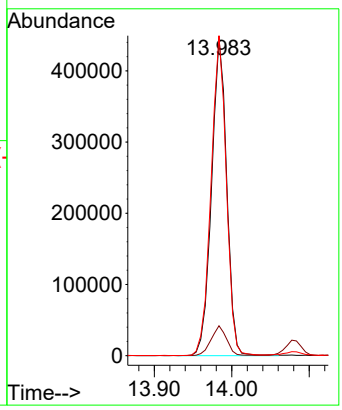


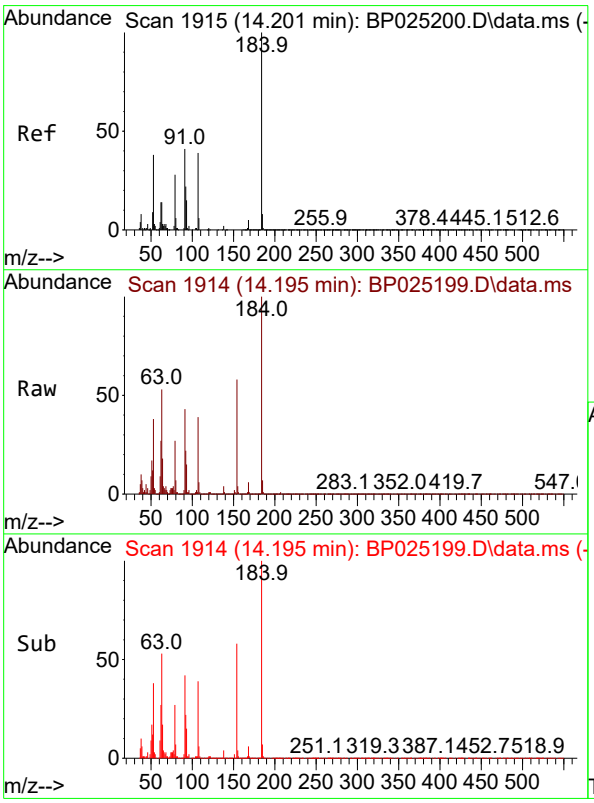
#53
3-Nitroaniline
Concen: 20.219 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 607977

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.5	11.3
92	100.8	83.2	124.8

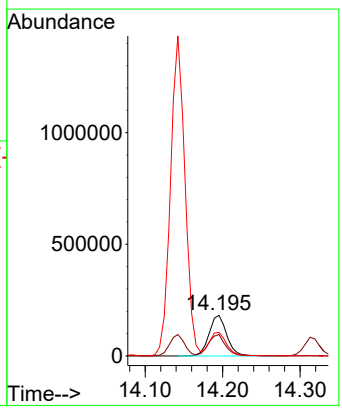


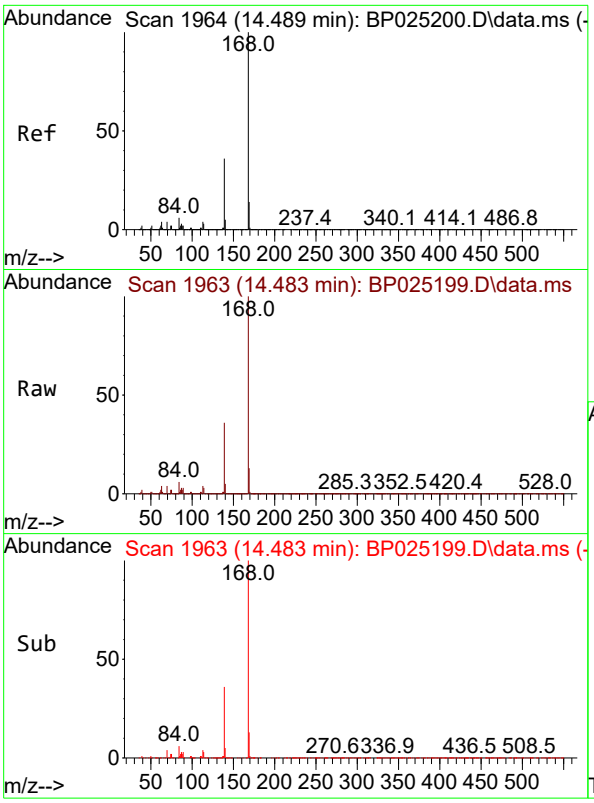


#54
2,4-Dinitrophenol
Concen: 19.352 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:184 Resp: 289004

Ion	Ratio	Lower	Upper
184	100		
63	52.8	41.8	62.8
154	57.7	45.7	68.5



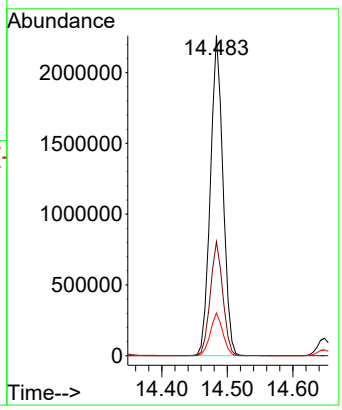


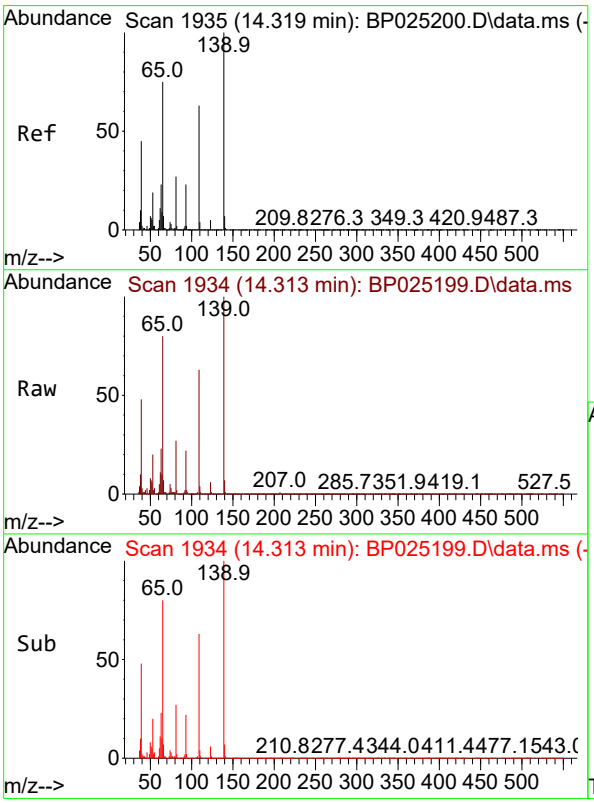
#55
Dibenzofuran
Concen: 19.958 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 3017432

Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.7	43.1
169	13.4	10.9	16.3

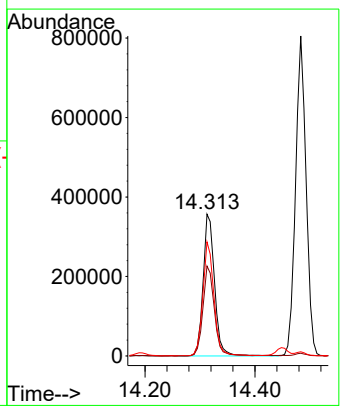


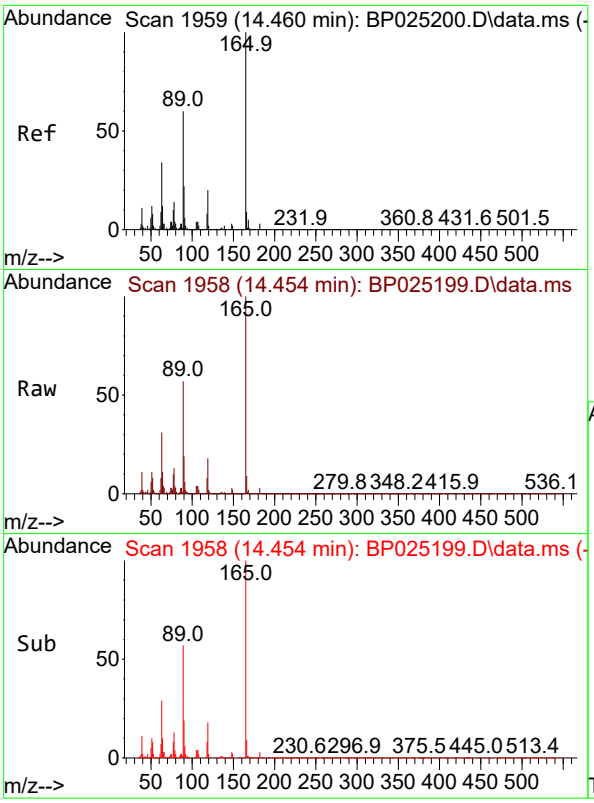


#56
4-Nitrophenol
Concen: 20.148 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:139 Resp: 516291

Ion	Ratio	Lower	Upper
139	100		
109	63.4	42.6	82.6
65	80.4	55.4	95.4



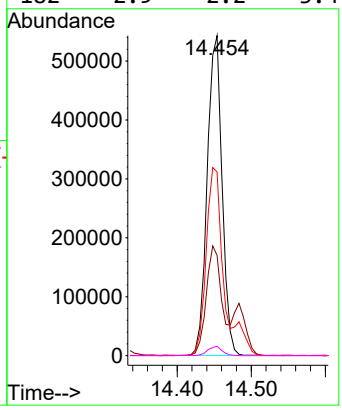


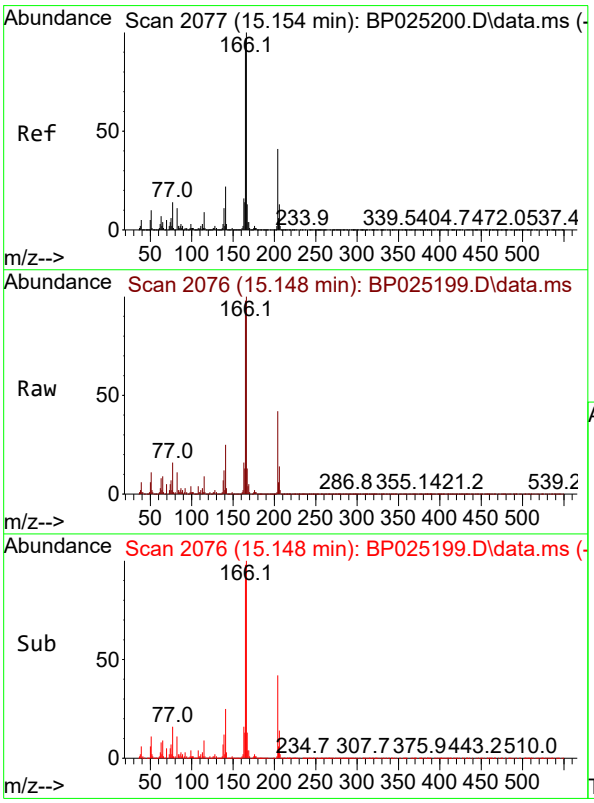
#57
2,4-Dinitrotoluene
Concen: 20.387 ng
RT: 14.454 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 756940

Ion	Ratio	Lower	Upper
165	100		
63	31.4	27.0	40.4
89	57.4	47.8	71.6
182	2.9	2.2	3.4

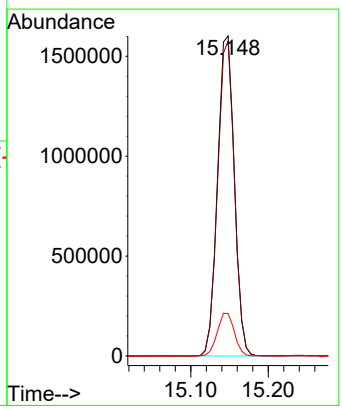


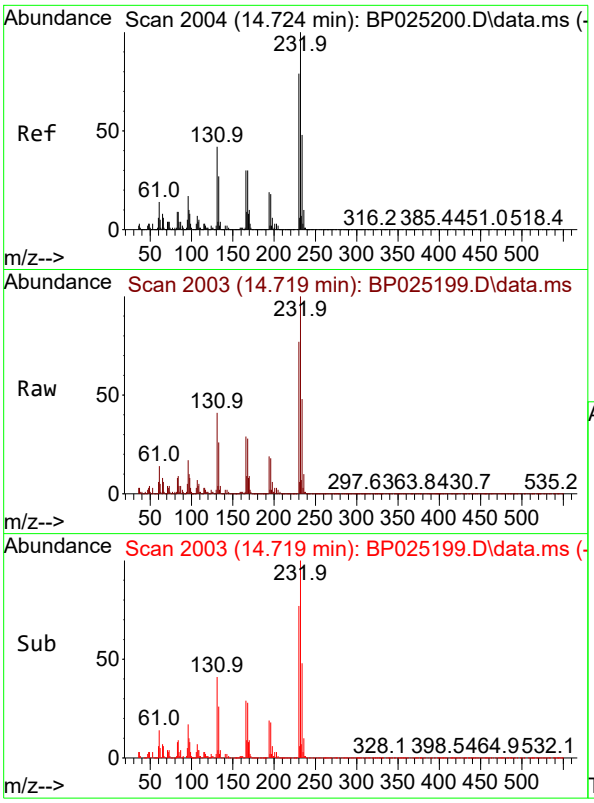


#58
Fluorene
Concen: 20.014 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:166 Resp: 2413500

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.0	117.0
167	13.2	10.7	16.1



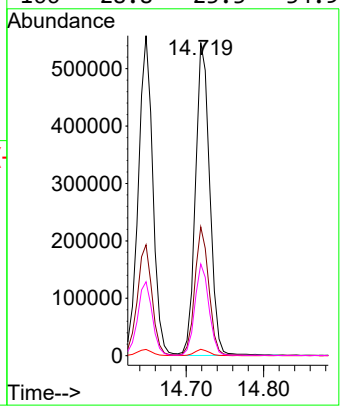


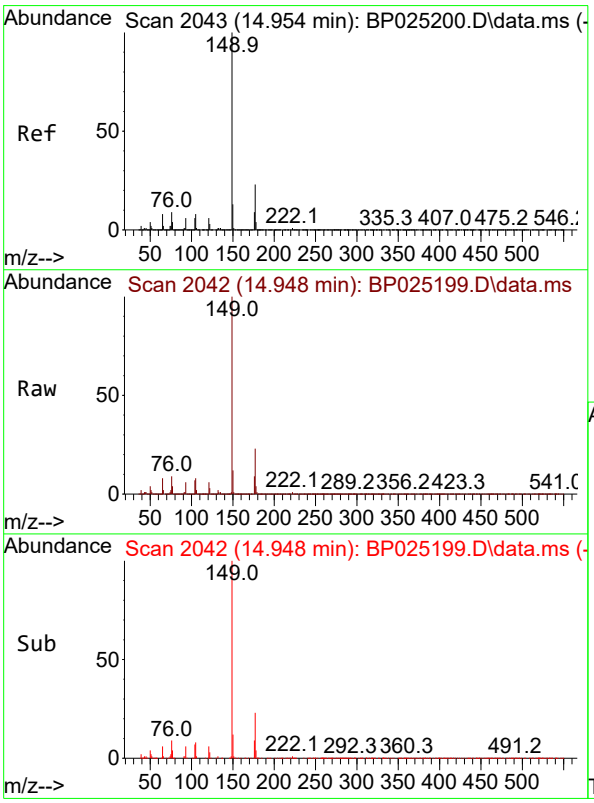
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.143 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 693949

Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.6	48.8
130	2.0	1.6	2.4
166	28.8	23.3	34.9

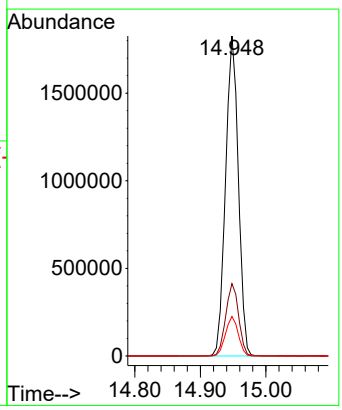


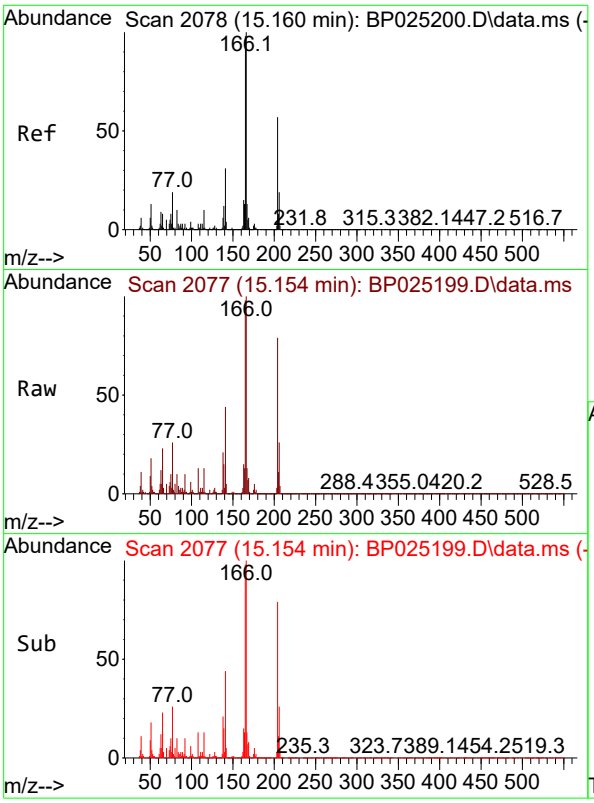


#60
Diethylphthalate
Concen: 19.809 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 2464234

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.4	27.6
150	12.3	10.0	15.0



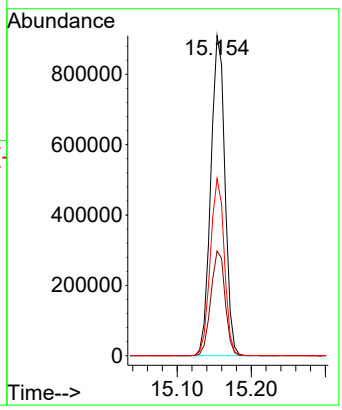


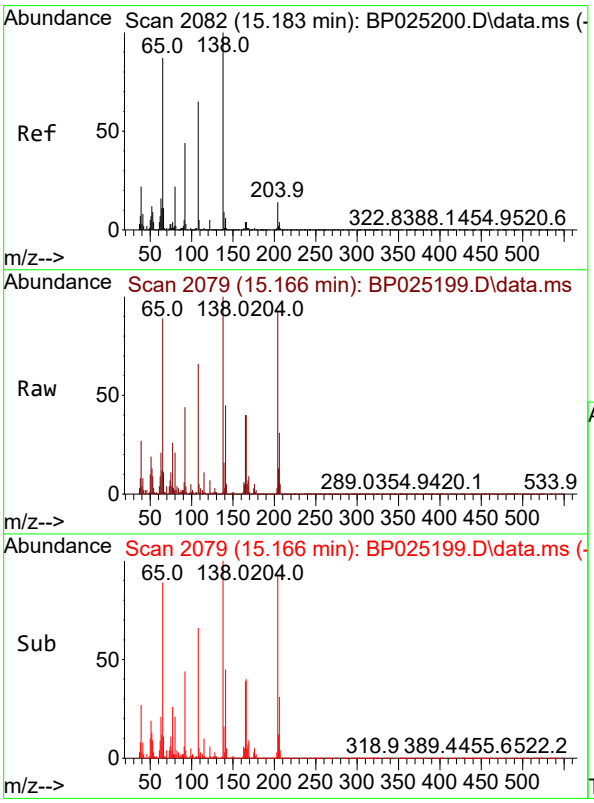
#61
4-Chlorophenyl-phenylether
Concen: 19.780 ng
RT: 15.154 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 1202237

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	55.4	43.0	64.6

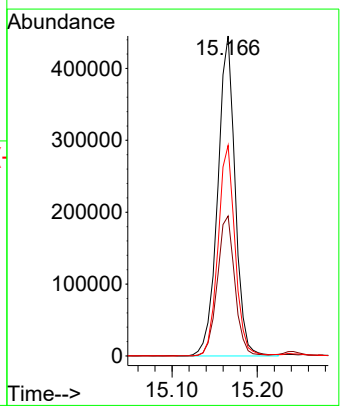


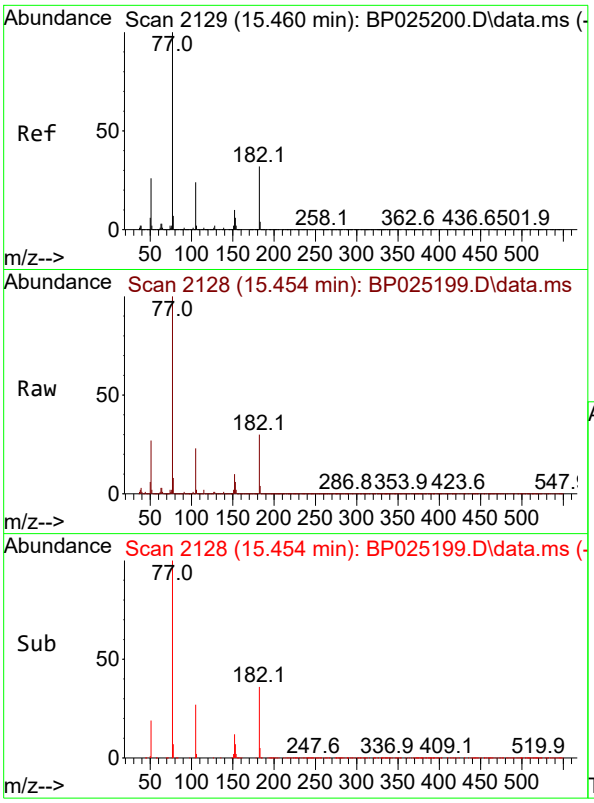


#62
4-Nitroaniline
Concen: 20.685 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:138 Resp: 633835

Ion	Ratio	Lower	Upper
138	100		
92	43.7	24.0	64.0
108	65.8	44.9	84.9



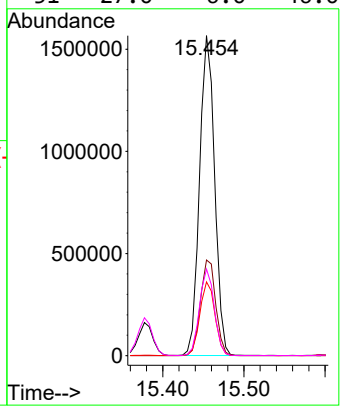


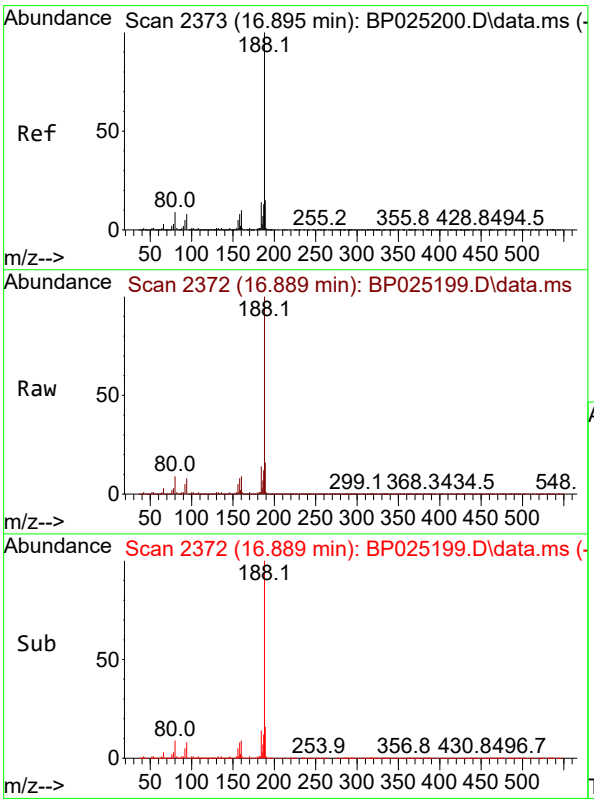
#63
Azobenzene
Concen: 20.187 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 2017191

Ion	Ratio	Lower	Upper
77	100		
182	29.9	12.0	52.0
105	23.0	3.6	43.6
51	27.0	6.0	46.0

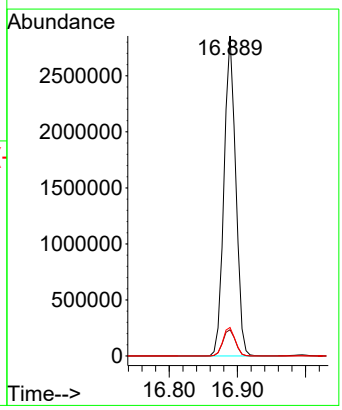


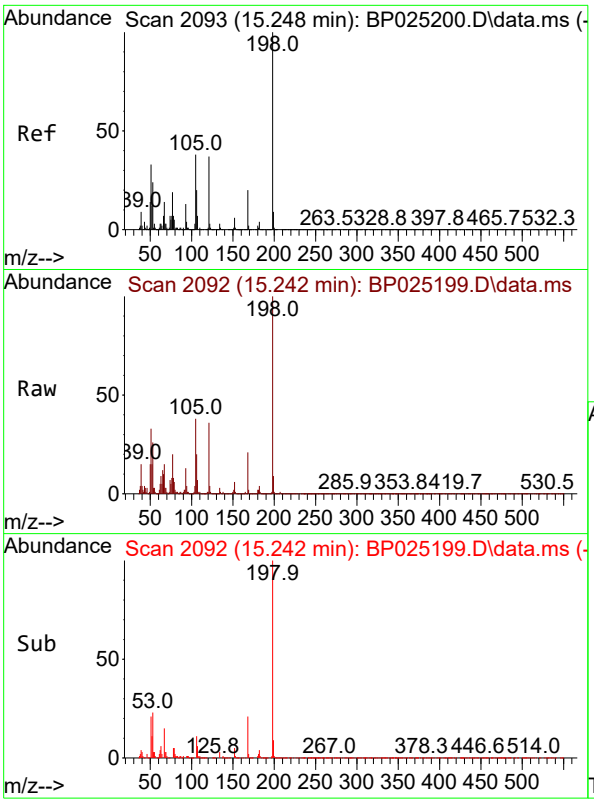


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:188 Resp: 3420424

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.9	7.3	10.9



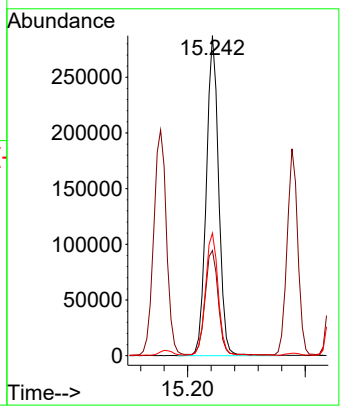


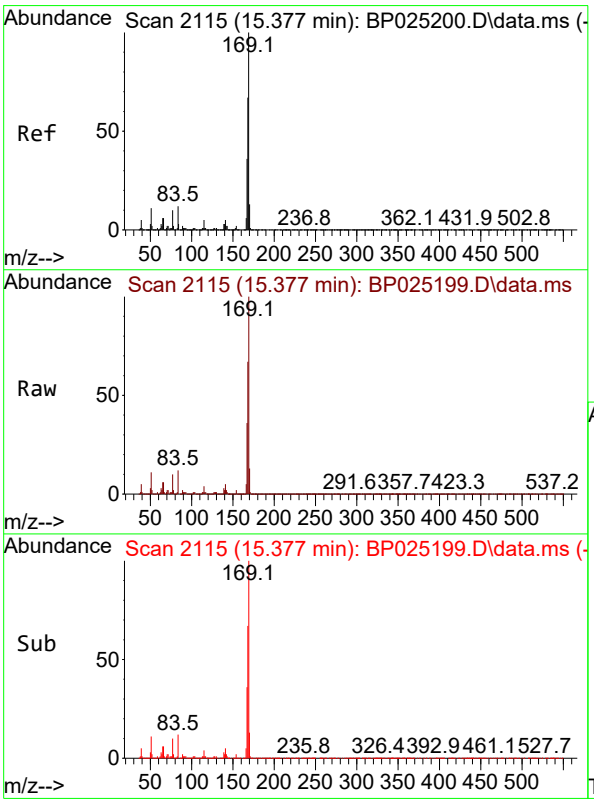
#65
4,6-Dinitro-2-methylphenol
Concen: 19.570 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 419051

Ion	Ratio	Lower	Upper
198	100		
51	32.8	14.6	54.6
105	38.3	18.3	58.3

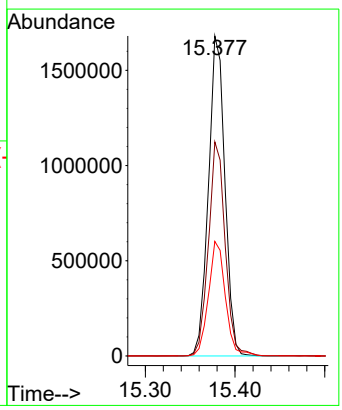


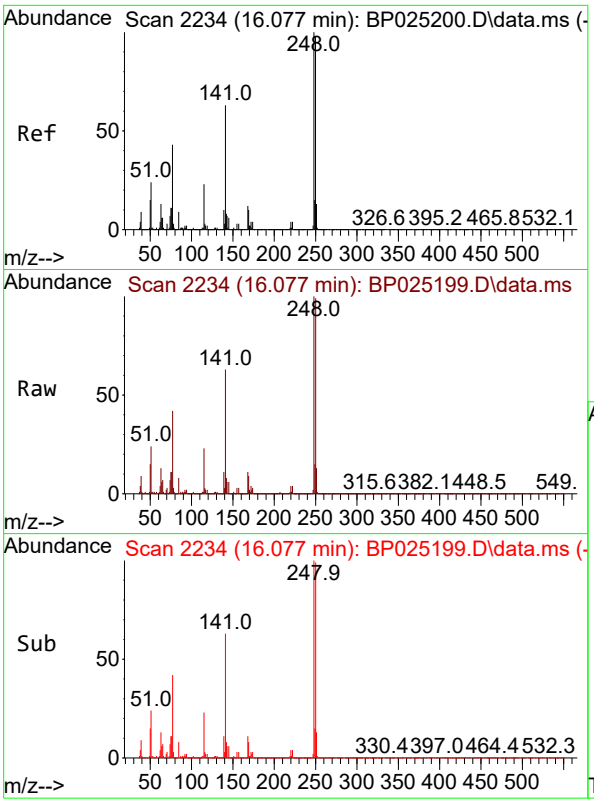


#66
n-Nitrosodiphenylamine
Concen: 20.077 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:169 Resp: 2138707

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.7	80.5
167	35.8	29.0	43.6



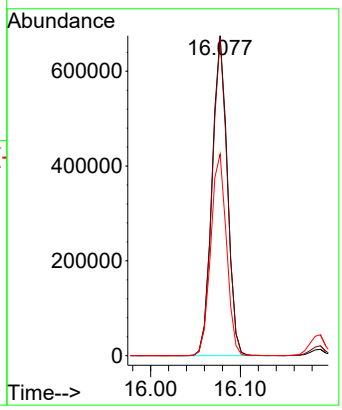


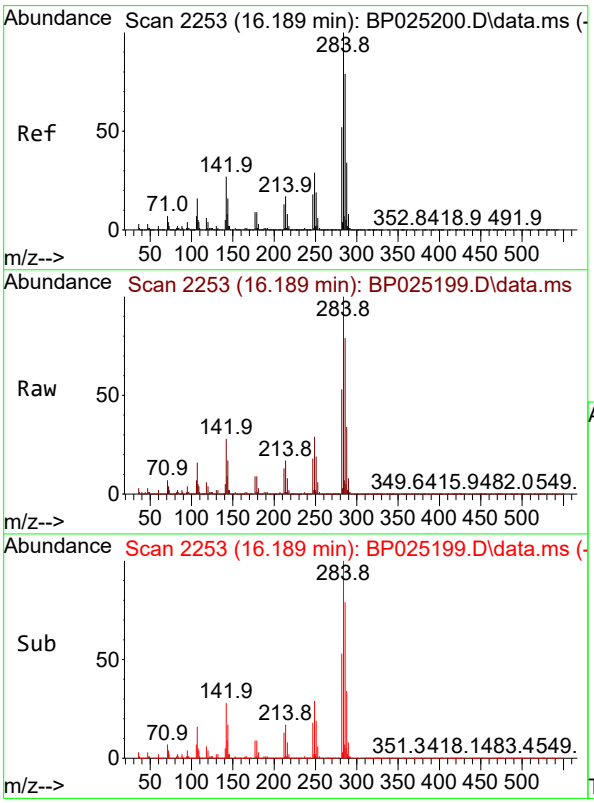
#67
4-Bromophenyl-phenylether
Concen: 19.779 ng
RT: 16.077 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 797636

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.5	117.7
141	63.0	50.5	75.7

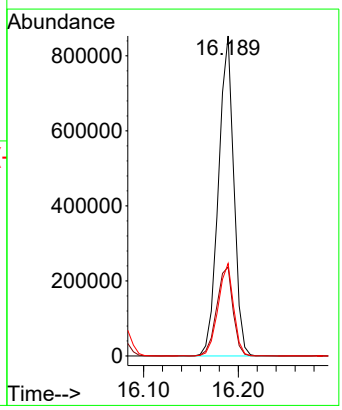


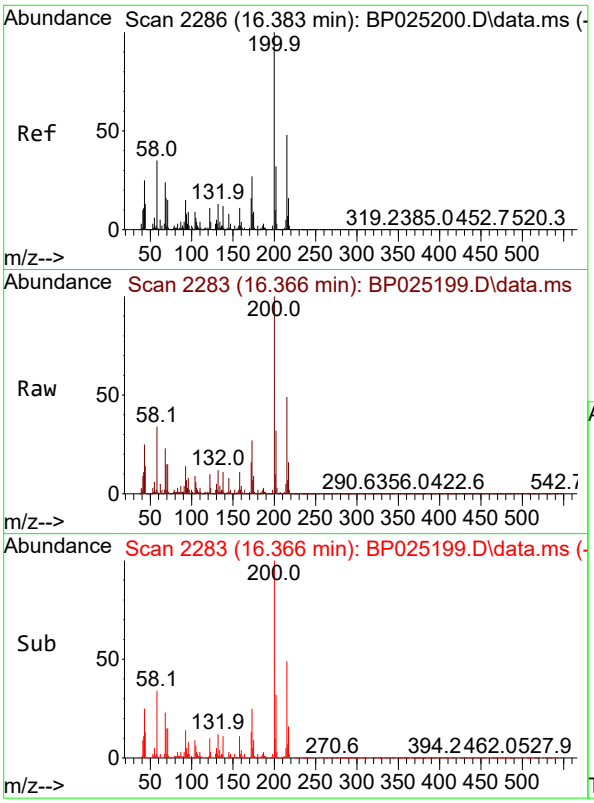


#68
Hexachlorobenzene
Concen: 19.994 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:284 Resp: 962844

Ion	Ratio	Lower	Upper
284	100		
142	27.8	21.5	32.3
249	28.9	23.4	35.0



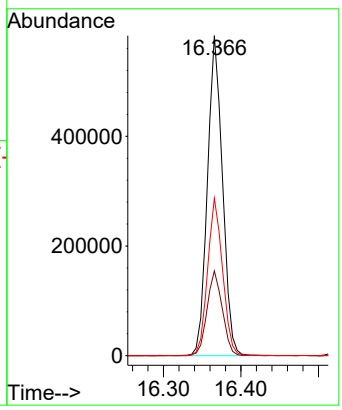


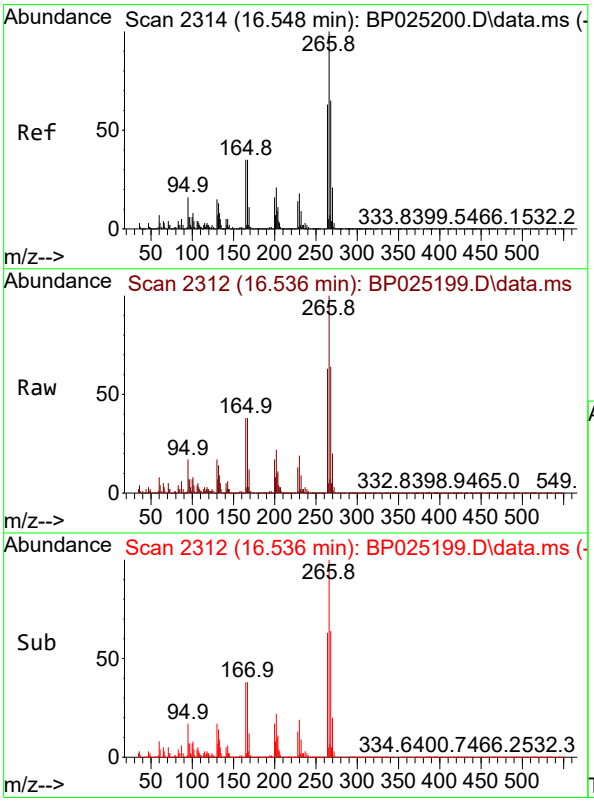
#69
Atrazine
Concen: 20.267 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 786929

Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.4	47.4
215	49.2	28.5	68.5

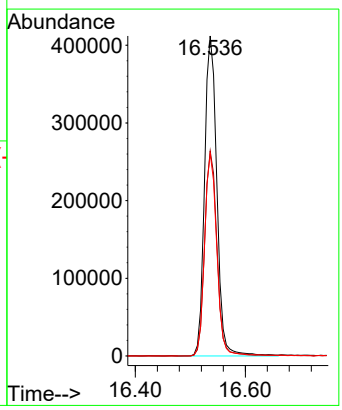


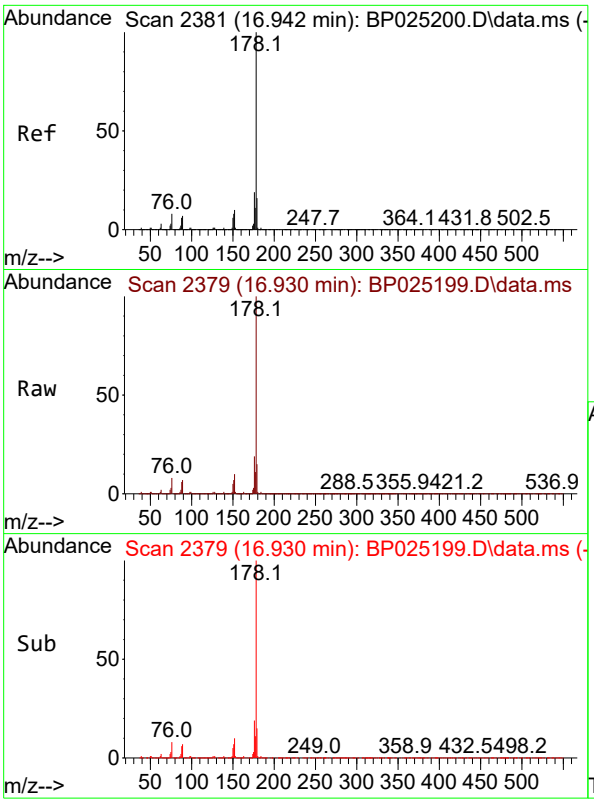


#70
Pentachlorophenol
Concen: 19.965 ng
RT: 16.536 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:266 Resp: 639966

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.8	77.6
264	63.3	50.3	75.5



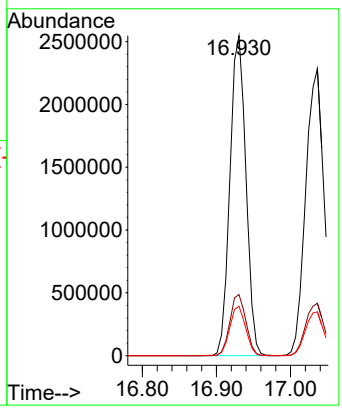


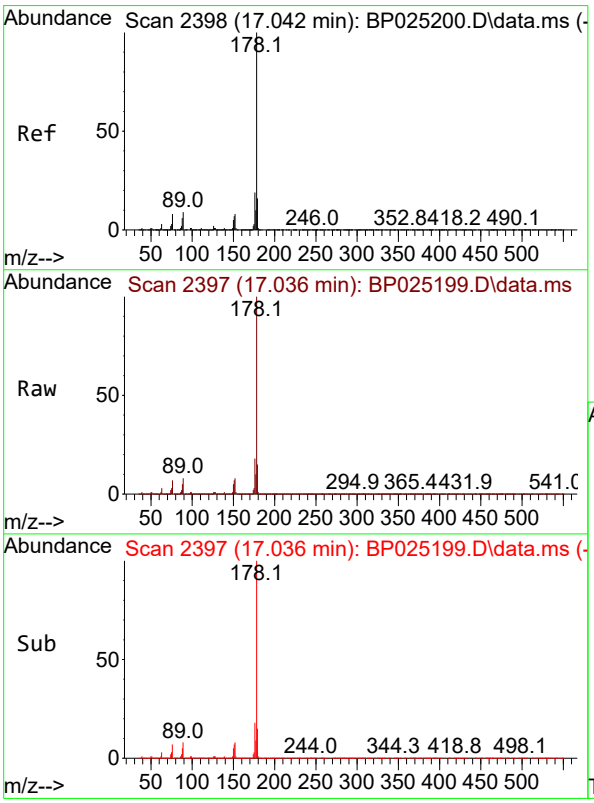
#71
Phenanthrene
Concen: 20.006 ng
RT: 16.930 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 3812811

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.4	12.5	18.7

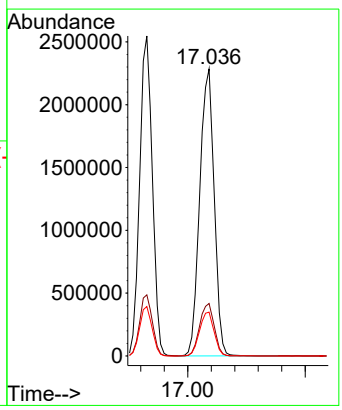


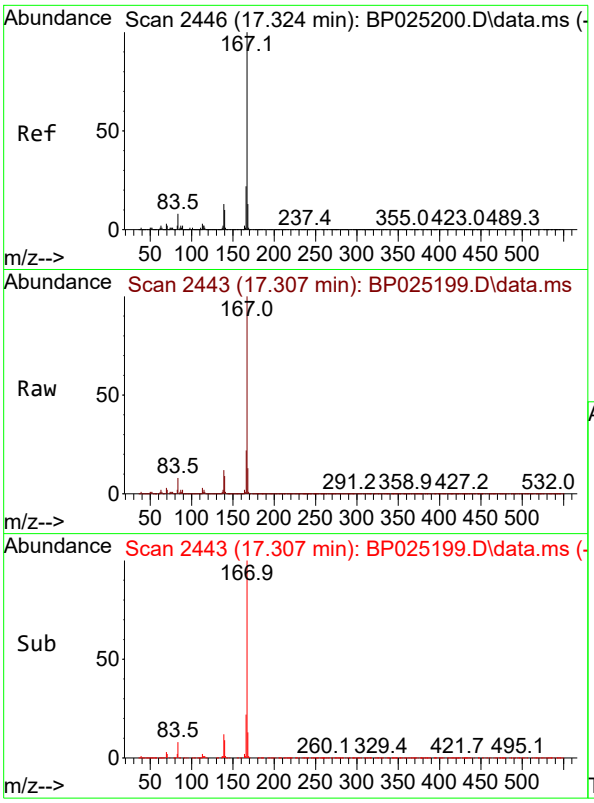


#72
Anthracene
Concen: 20.193 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:178 Resp: 3906820

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.3	12.5	18.7



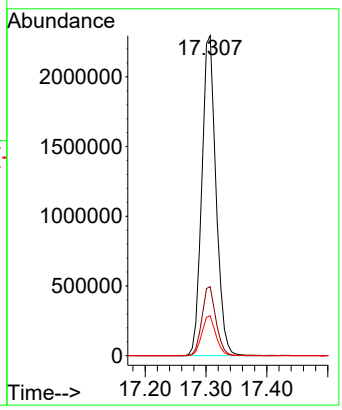


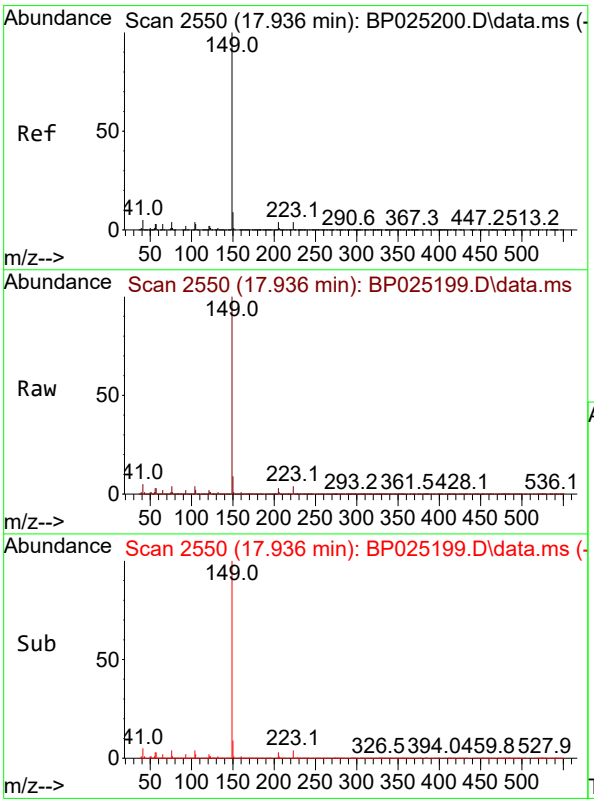
#73
Carbazole
Concen: 20.175 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 3714018

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.5	10.1	15.1

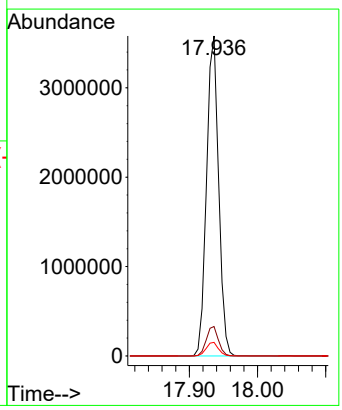


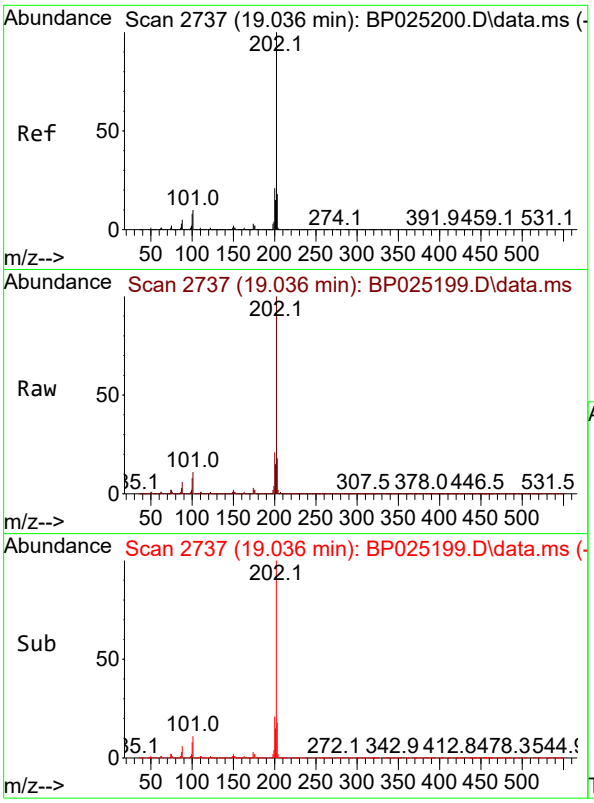


#74
Di-n-butylphthalate
Concen: 20.415 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 4406649

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.3	3.5	5.3



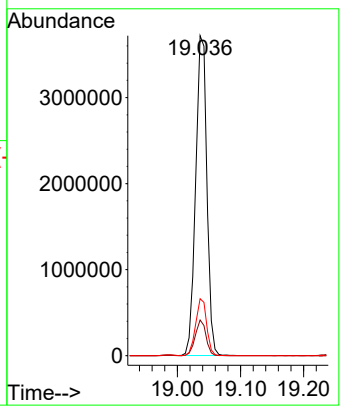


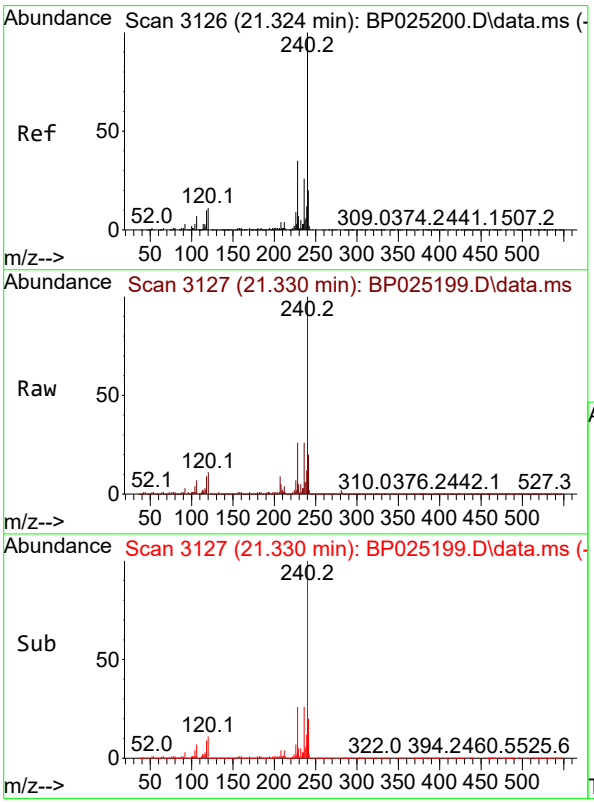
#75
Fluoranthene
Concen: 20.298 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 4574063

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	17.8	0.0	38.0

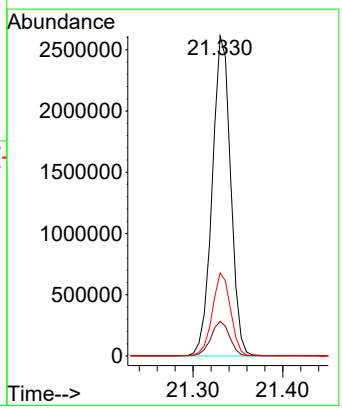


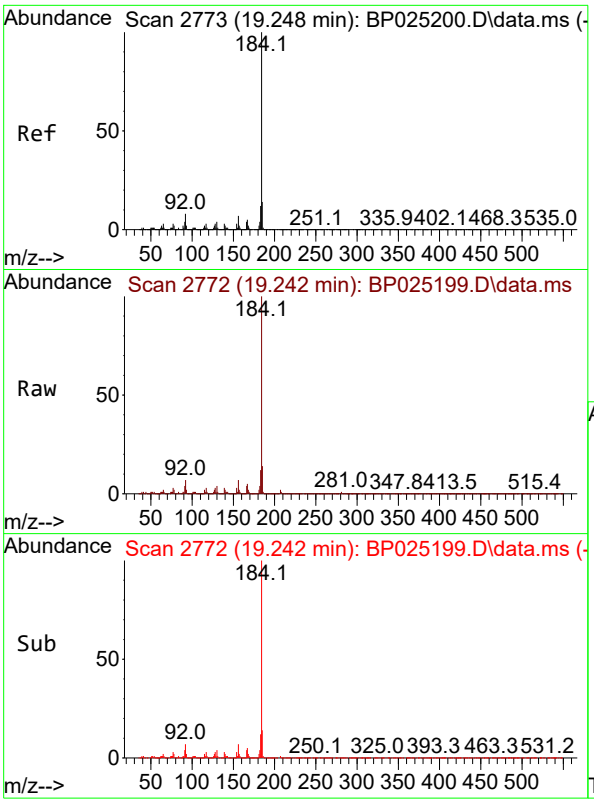


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:240 Resp: 3723190

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	25.9	20.9	31.3



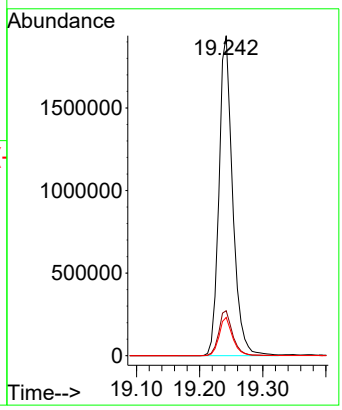


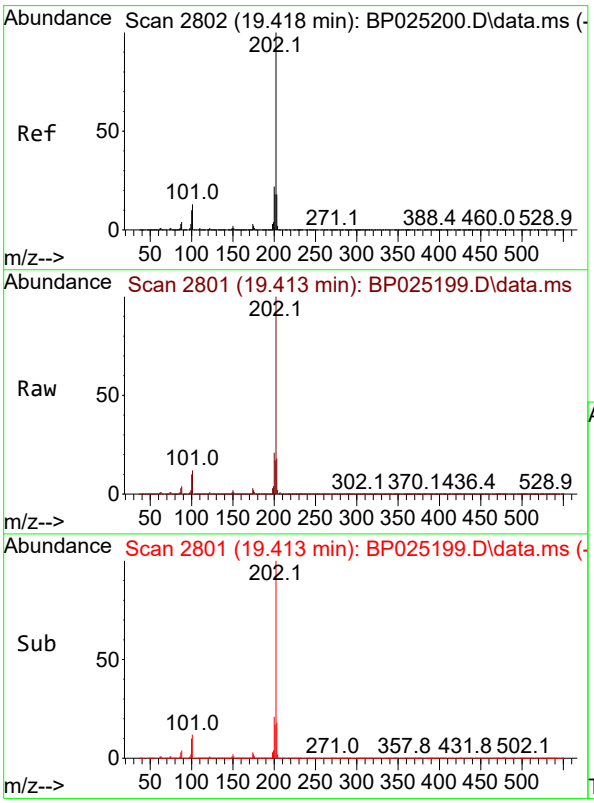
#77
Benzidine
Concen: 20.485 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 2913500

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	12.0	9.6	14.4

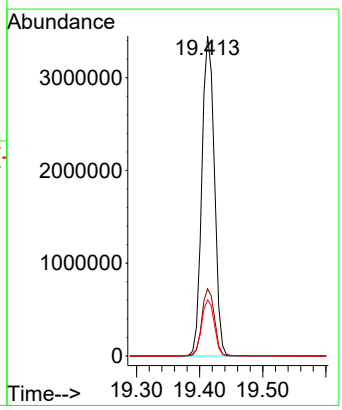


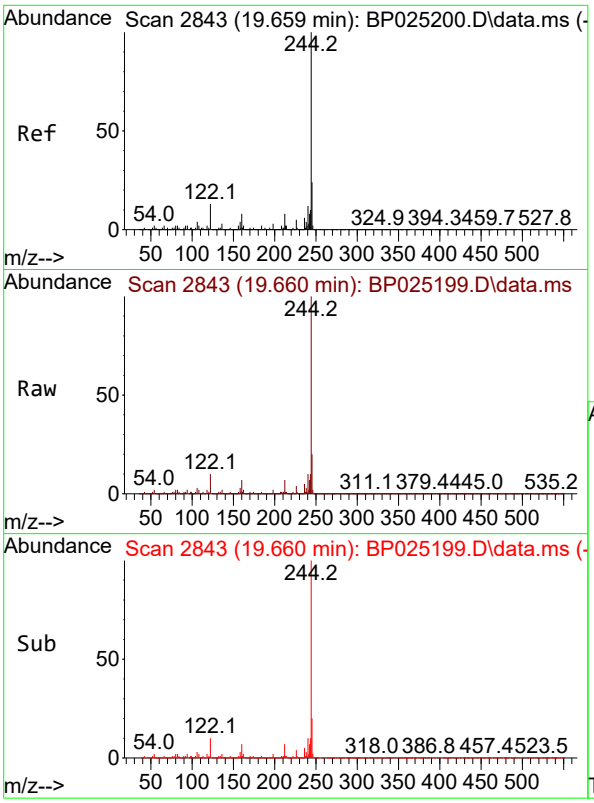


#78
Pyrene
Concen: 20.039 ng
RT: 19.413 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:202 Resp: 4741470

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5



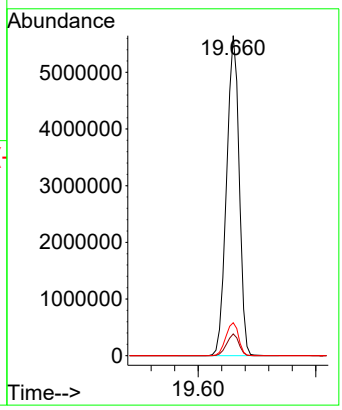


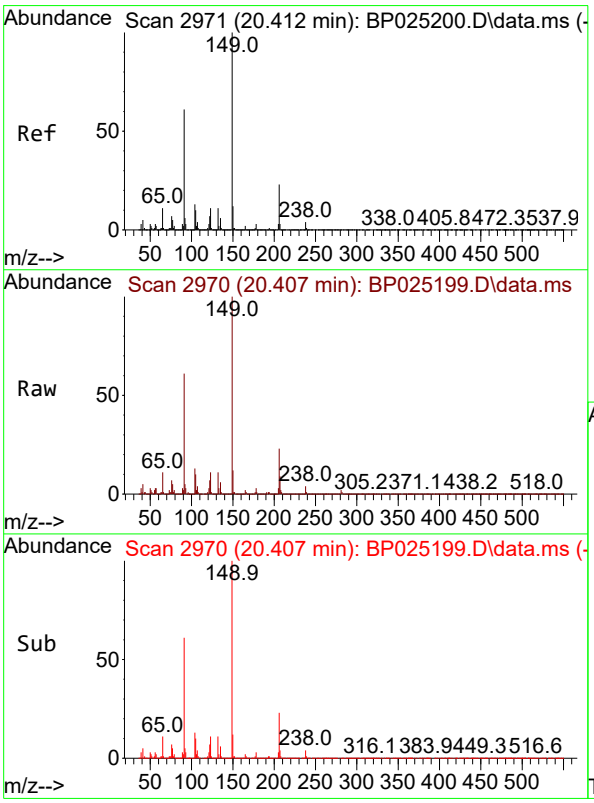
#79
Terphenyl-d14
Concen: 42.086 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 8390472

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	9.8
122	10.3	10.3	15.5#

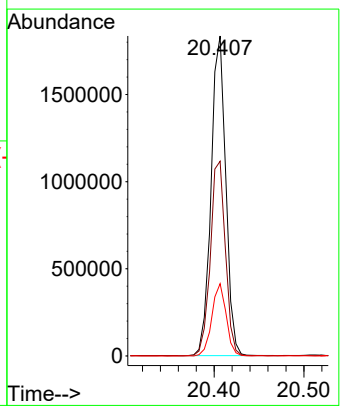


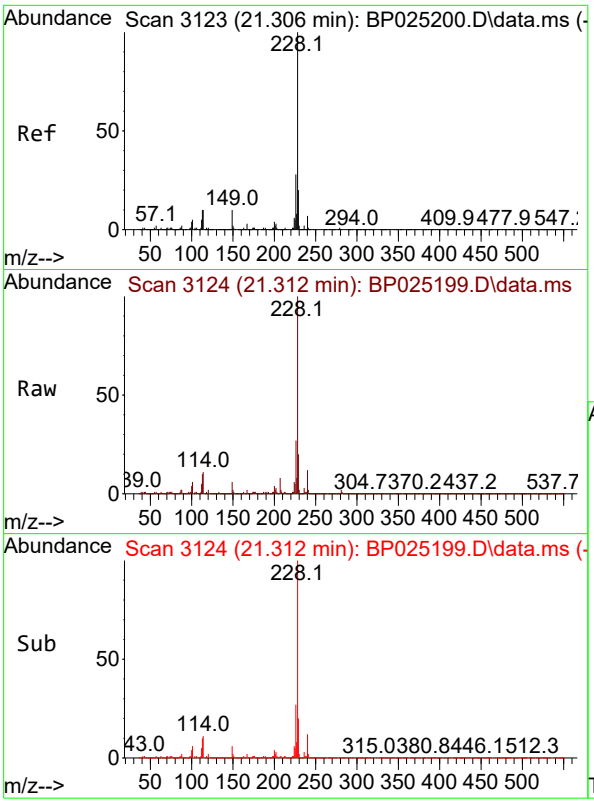


#80
Butylbenzylphthalate
Concen: 19.969 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 2085097

Ion	Ratio	Lower	Upper
149	100		
91	60.9	48.8	73.2
206	22.6	18.4	27.6



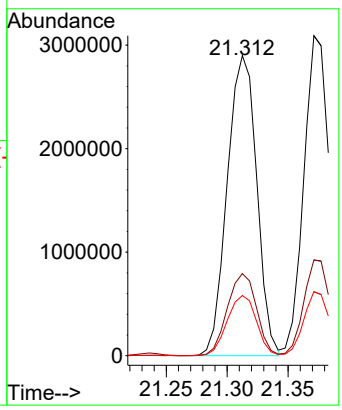


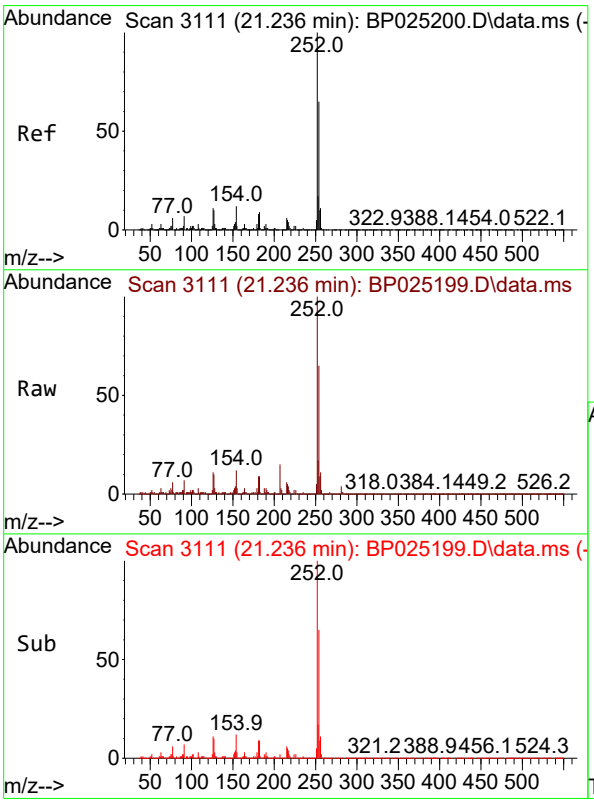
#81
Benzo(a)anthracene
Concen: 20.152 ng
RT: 21.312 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 4880320

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.1	16.2	24.2

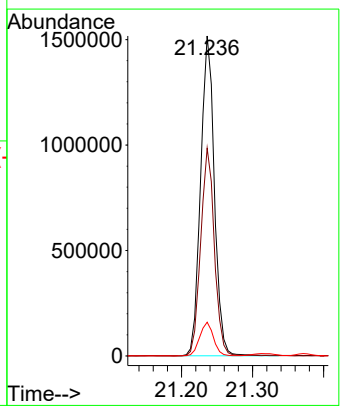


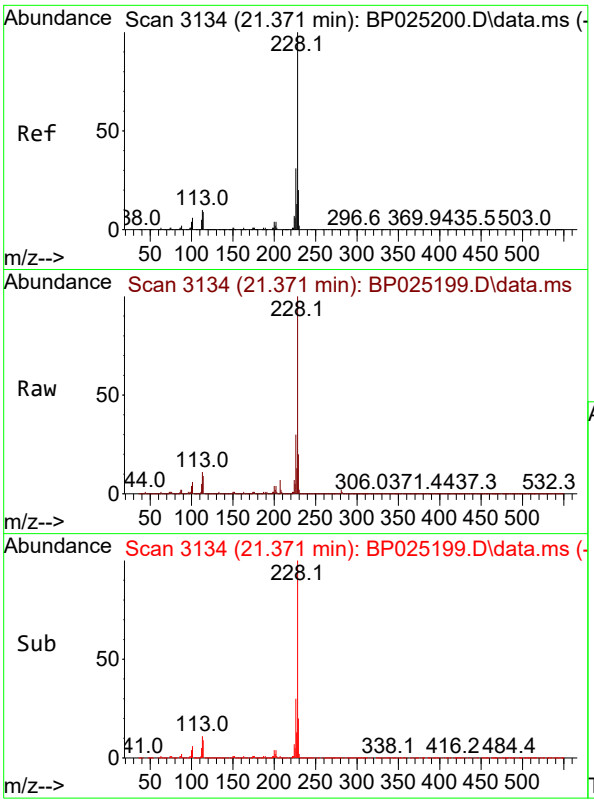


#82
3,3'-Dichlorobenzidine
Concen: 20.627 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 2048334

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	10.6	8.6	12.8



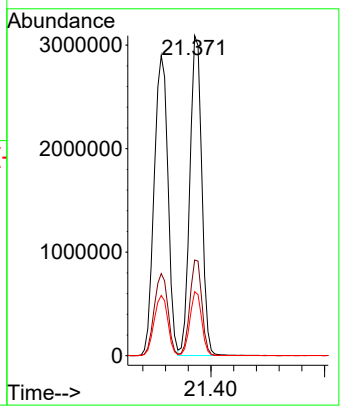


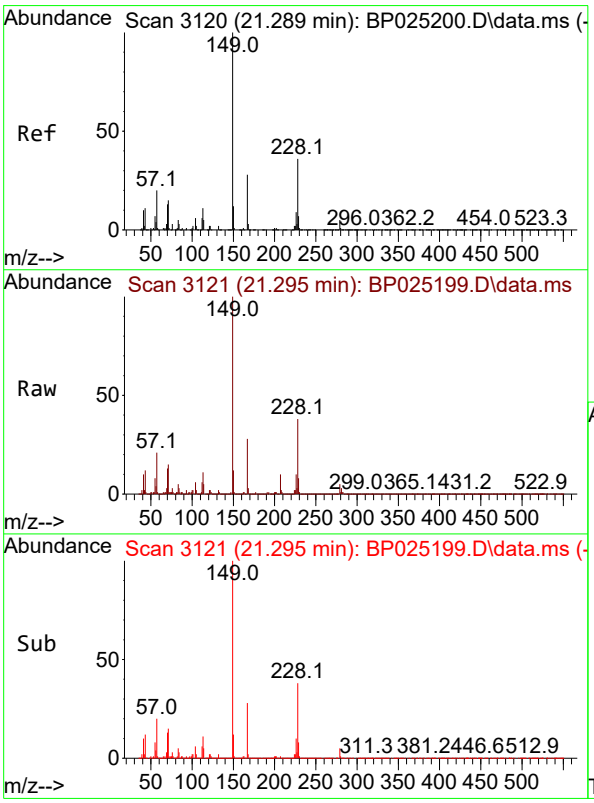
#83
Chrysene
Concen: 20.030 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 4523656

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	20.0	16.0	24.0

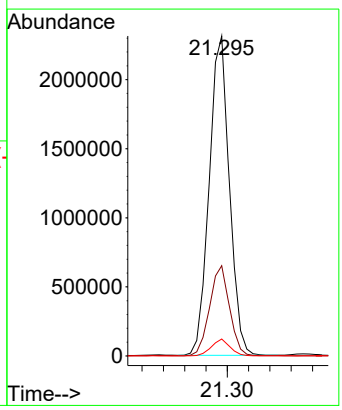


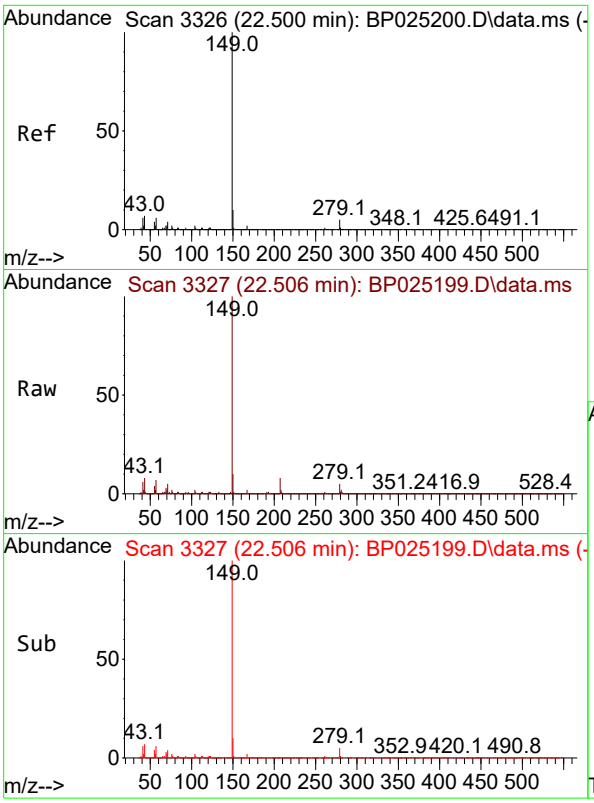


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.981 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 3041538

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	5.3	4.0	6.0



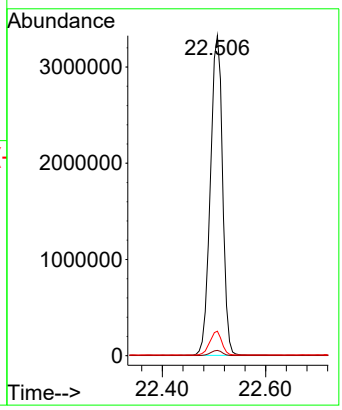


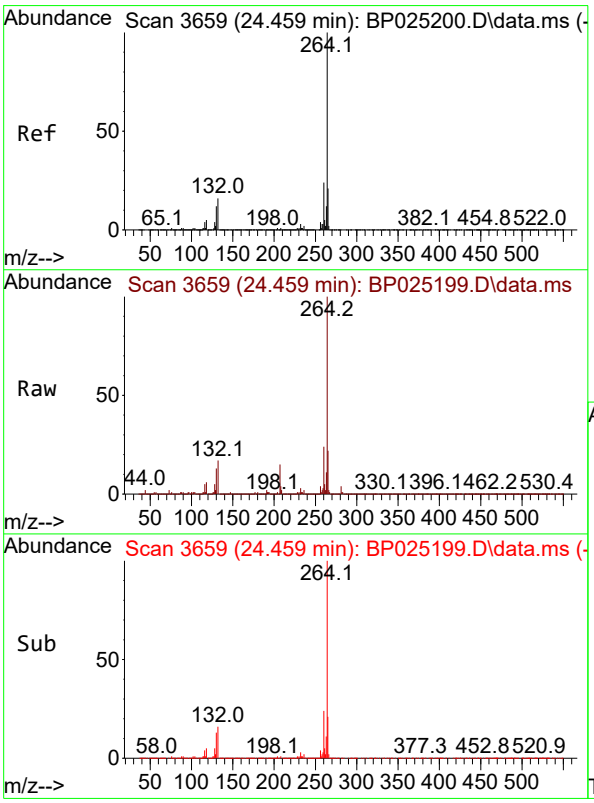
#85
Di-n-octyl phthalate
Concen: 20.449 ng
RT: 22.506 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 5425668

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	6.1	9.1

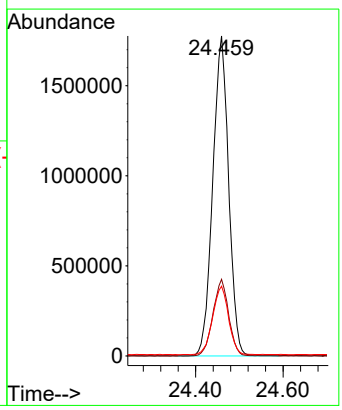


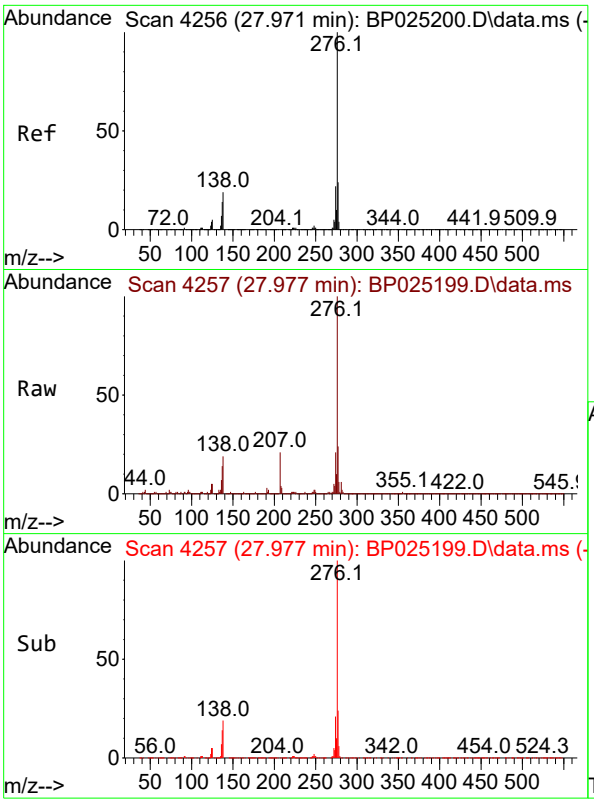


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:264 Resp: 4465504

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.8	17.5	26.3



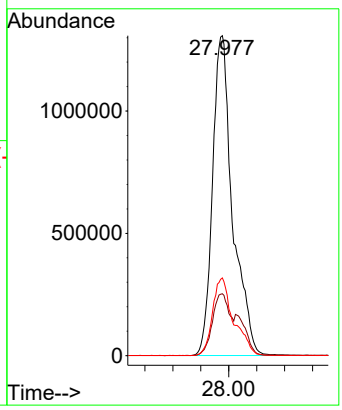


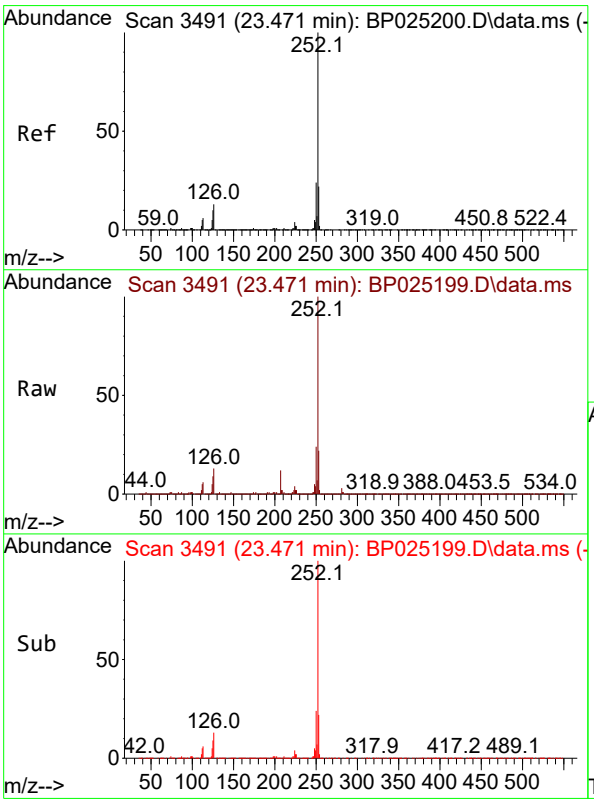
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.880 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 6525812

Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.8	19.2
277	25.4	20.3	30.5

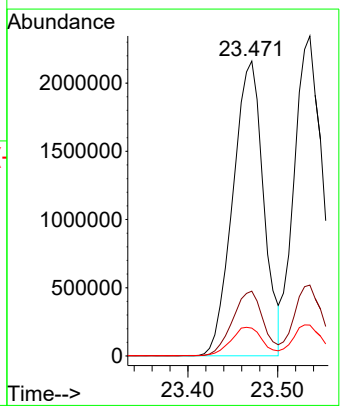


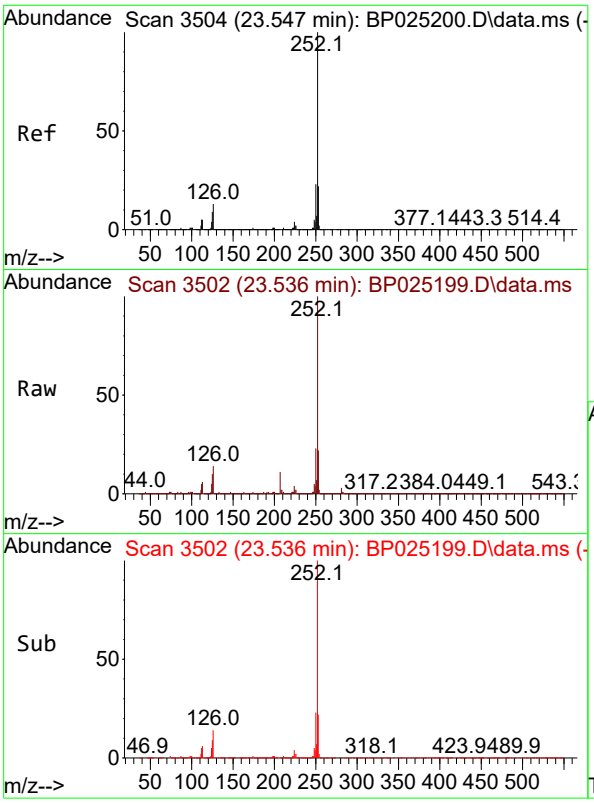


#88
Benzo(b)fluoranthene
Concen: 19.698 ng
RT: 23.471 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 5129956

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.5	7.8	11.8



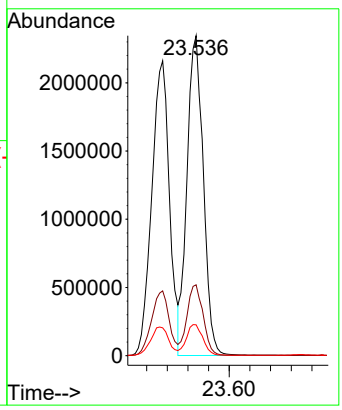


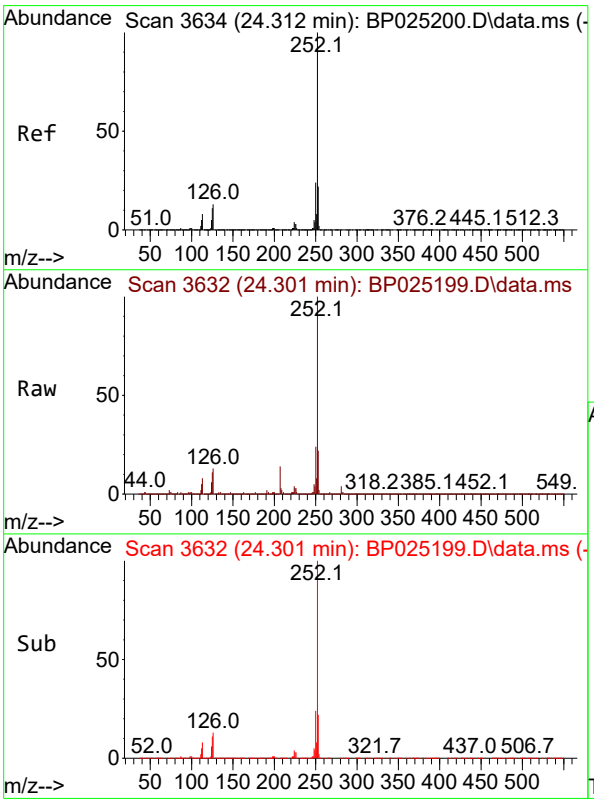
#89
Benzo(k)fluoranthene
Concen: 19.822 ng
RT: 23.536 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 5125128

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.6	7.5	11.3

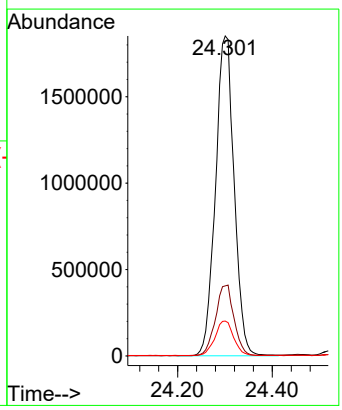


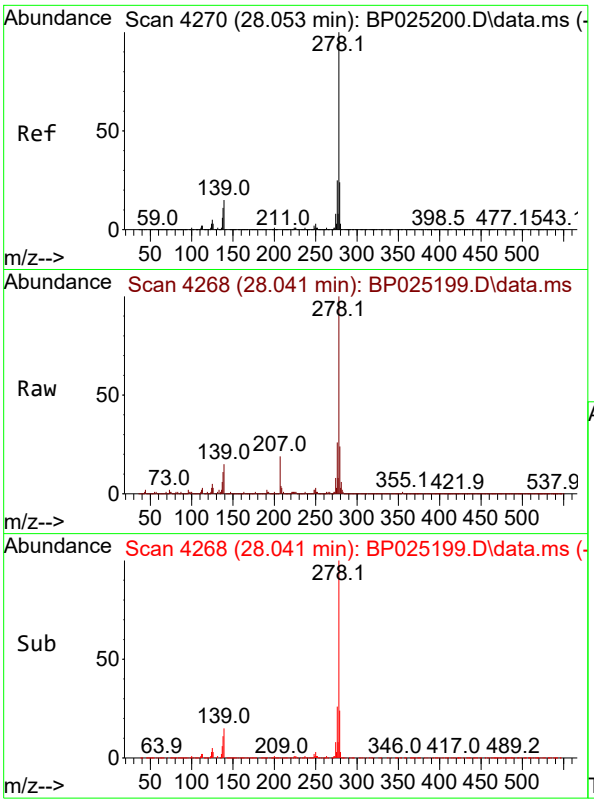


#90
Benzo(a)pyrene
Concen: 19.982 ng
RT: 24.301 min Scan# 3632
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 5051354

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.9	8.6	12.8



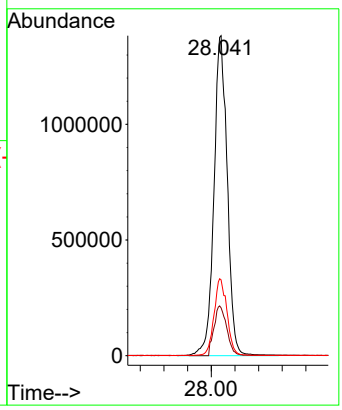


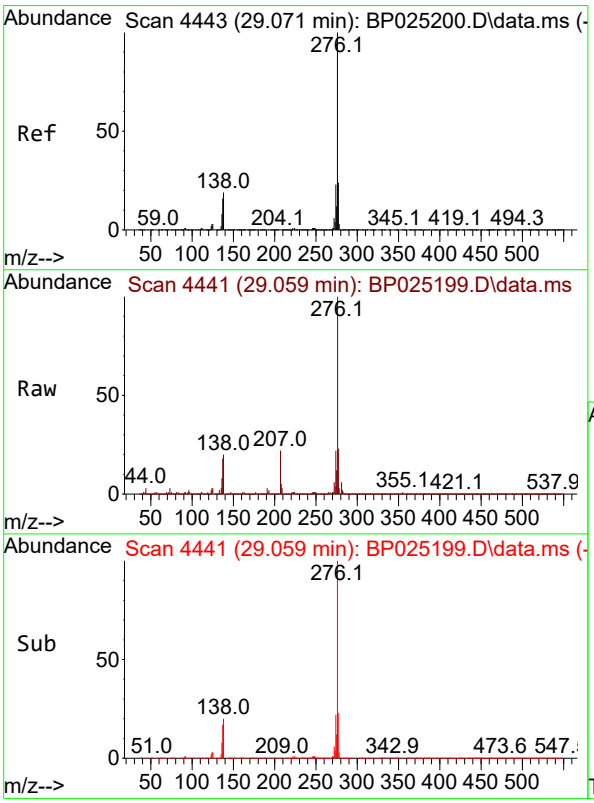
#91
Dibenzo(a,h)anthracene
Concen: 19.991 ng
RT: 28.041 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 5381616

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.0	18.0
279	23.7	19.5	29.3

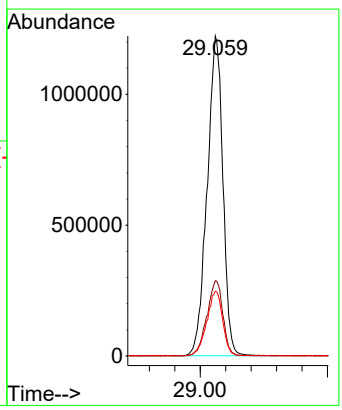




#92
Benzo(g,h,i)perylene
Concen: 19.946 ng
RT: 29.059 min Scan# 4441
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:276 Resp: 5259660

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	20.2	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	716086	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2975305	20.000	ng	0.00
39) Acenaphthene-d10	14.077	164	1899529	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3663221	20.000	ng	0.00
76) Chrysene-d12	21.324	240	3679412	20.000	ng	0.00
86) Perylene-d12	24.459	264	4344624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.101	112	3332284	77.740	ng	0.00
7) Phenol-d6	6.637	99	4205182	79.463	ng	0.00
23) Nitrobenzene-d5	8.566	82	4190097	77.213	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2184856	77.351	ng	0.00
45) 2-Fluorobiphenyl	12.683	172	10646823	74.204	ng	0.00
79) Terphenyl-d14	19.659	244	13104058	66.511	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	613318	38.071	ng	100
3) Pyridine	3.496	79	1670295	39.146	ng	100
4) n-Nitrosodimethylamine	3.407	42	670875	39.840	ng	100
6) Aniline	6.778	93	2758328	40.082	ng	100
8) 2-Chlorophenol	7.007	128	1916454	39.736	ng	100
9) Benzaldehyde	6.595	77	1588648	42.007	ng	100
10) Phenol	6.660	94	2175741	39.738	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	1667453	39.664	ng	100
12) 1,3-Dichlorobenzene	7.325	146	2137788	39.069	ng	100
13) 1,4-Dichlorobenzene	7.466	146	2156704	39.058	ng	100
14) 1,2-Dichlorobenzene	7.778	146	2078661	39.177	ng	100
15) Benzyl Alcohol	7.672	79	1522703	40.143	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.954	45	2129397	39.489	ng	100
17) 2-Methylphenol	7.878	107	1514702	39.997	ng	100
18) Hexachloroethane	8.489	117	745054	39.515	ng	100
19) n-Nitroso-di-n-propyla...	8.231	70	1271335	39.862	ng	100
20) 3+4-Methylphenols	8.201	107	2062504	39.873	ng	100
22) Acetophenone	8.242	105	2676137	37.975	ng	100
24) Nitrobenzene	8.607	77	1867495	38.831	ng	100
25) Isophorone	9.136	82	3701878	38.950	ng	100
26) 2-Nitrophenol	9.307	139	1088830	40.223	ng	100
27) 2,4-Dimethylphenol	9.378	122	1801438	39.091	ng	100
28) bis(2-Chloroethoxy)met...	9.613	93	2278849	38.192	ng	100
29) 2,4-Dichlorophenol	9.836	162	1863258	39.421	ng	100
30) 1,2,4-Trichlorobenzene	10.048	180	1987412	38.213	ng	100
31) Naphthalene	10.231	128	5927872	38.257	ng	100
32) Benzoic acid	9.542	122	1398585	41.555	ng	100
33) 4-Chloroaniline	10.336	127	2603764	38.702	ng	100
34) Hexachlorobutadiene	10.519	225	1206197	38.619	ng	100
35) Caprolactam	11.131	113	599453	38.538	ng	100
36) 4-Chloro-3-methylphenol	11.478	107	1824293	38.647	ng	100
37) 2-Methylnaphthalene	11.848	142	3843978	38.356	ng	100
38) 1-Methylnaphthalene	12.083	142	4055024	38.363	ng	100
40) 1,2,4,5-Tetrachloroben...	12.225	216	2240439	38.948	ng	100
41) Hexachlorocyclopentadiene	12.213	237	1343791	41.195	ng	100
43) 2,4,6-Trichlorophenol	12.483	196	1548524	39.840	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1710200	39.918	ng	100
46) 1,1'-Biphenyl	12.889	154	5417896	38.574	ng	100
47) 2-Chloronaphthalene	12.919	162	4194712	38.548	ng	100
48) 2-Nitroaniline	13.142	65	1091815	39.999	ng	100
49) Acenaphthylene	13.801	152	6871857	38.510	ng	100
50) Dimethylphthalate	13.548	163	5235471	37.775	ng	100
51) 2,6-Dinitrotoluene	13.654	165	1176482	40.101	ng	100
52) Acenaphthene	14.148	154	3914560	38.081	ng	100
53) 3-Nitroaniline	13.983	138	1298241	39.219	ng	100
54) 2,4-Dinitrophenol	14.201	184	686084	41.732	ng	100
55) Dibenzofuran	14.489	168	6369097	38.268	ng	100
56) 4-Nitrophenol	14.319	139	1097489	38.906	ng	100
57) 2,4-Dinitrotoluene	14.460	165	1650569	40.384	ng	100
58) Fluorene	15.154	166	5039793	37.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.724	232	1484995	39.155	ng	100
60) Diethylphthalate	14.954	149	5240206	38.266	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	2556797	38.212	ng	100
62) 4-Nitroaniline	15.183	138	1316167	39.018	ng	100
63) Azobenzene	15.460	77	4258175	38.711	ng	100
65) 4,6-Dinitro-2-methylph...	15.248	198	966776	42.156	ng	100
66) n-Nitrosodiphenylamine	15.377	169	4401660	38.582	ng	100
67) 4-Bromophenyl-phenylether	16.077	248	1704976	39.475	ng	100
68) Hexachlorobenzene	16.189	284	2053102	39.808	ng	100
69) Atrazine	16.383	200	1617356	38.894	ng	100
70) Pentachlorophenol	16.548	266	1390894	40.516	ng	100
71) Phenanthrene	16.942	178	7842294	38.421	ng	100
72) Anthracene	17.042	178	7936213	38.301	ng	100
73) Carbazole	17.324	167	7541201	38.250	ng	100
74) Di-n-butylphthalate	17.936	149	8871376	38.374	ng	100
75) Fluoranthene	19.036	202	9173742	38.012	ng	100
77) Benzidine	19.248	184	6227248	44.306	ng	100
78) Pyrene	19.418	202	9256689	39.587	ng	100
80) Butylbenzylphthalate	20.412	149	4149304	40.211	ng	100
81) Benzo(a)anthracene	21.306	228	9153419	38.246	ng	100
82) 3,3'-Dichlorobenzidine	21.236	252	3746897	38.181	ng	100
83) Chrysene	21.371	228	8527648	38.208	ng	100
84) Bis(2-ethylhexyl)phtha...	21.289	149	5901118	39.227	ng	100
85) Di-n-octyl phthalate	22.500	149	10181858	38.831	ng	100
87) Indeno(1,2,3-cd)pyrene	27.971	276	12392600	38.803	ng	100
88) Benzo(b)fluoranthene	23.471	252	9832372	38.806	ng	100
89) Benzo(k)fluoranthene	23.547	252	9849710	39.154	ng	100
90) Benzo(a)pyrene	24.312	252	9588064	38.984	ng	100
91) Dibenzo(a,h)anthracene	28.053	278	10213563	38.996	ng	100
92) Benzo(g,h,i)perylene	29.071	276	9993377	38.952	ng	100

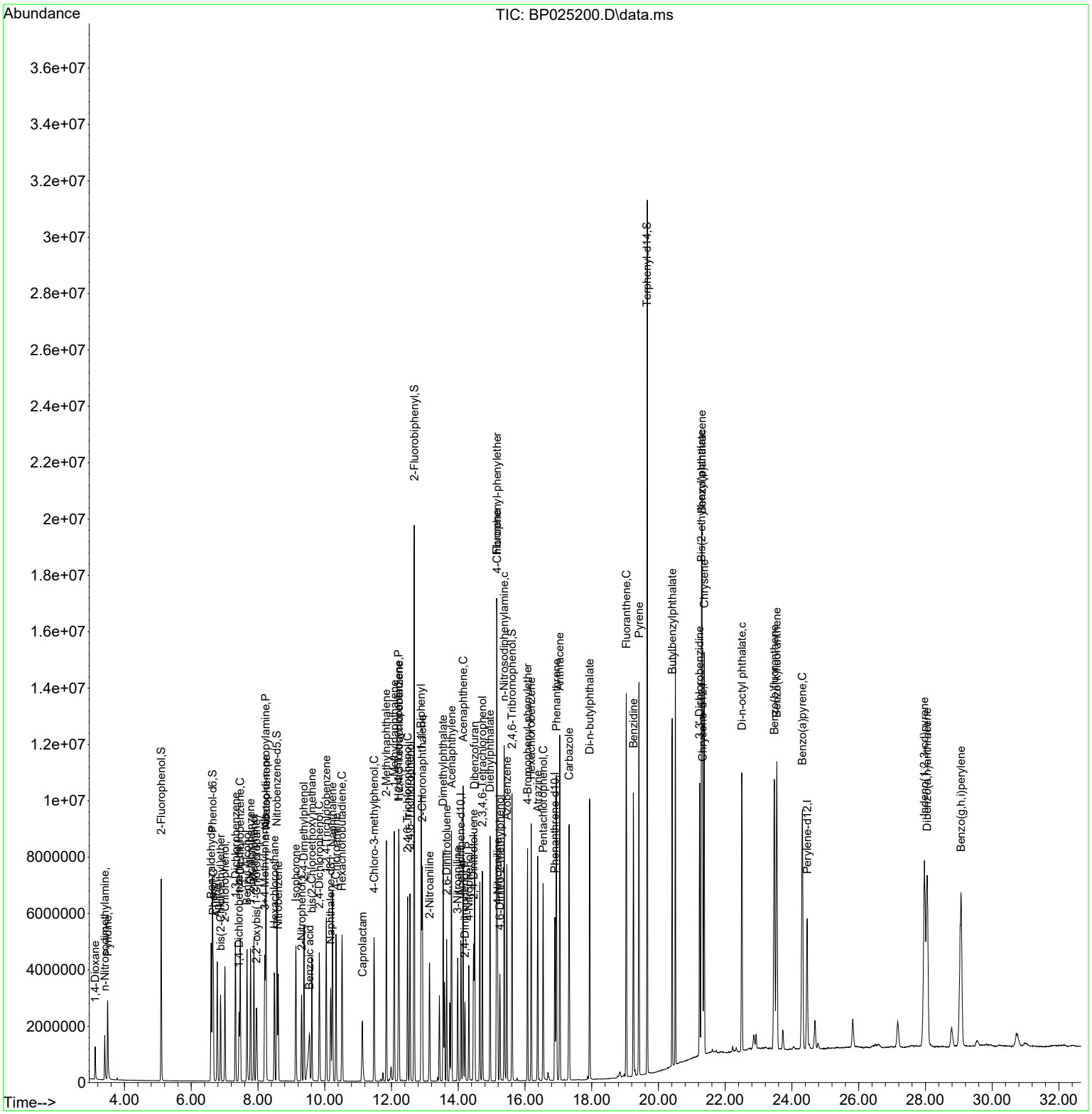
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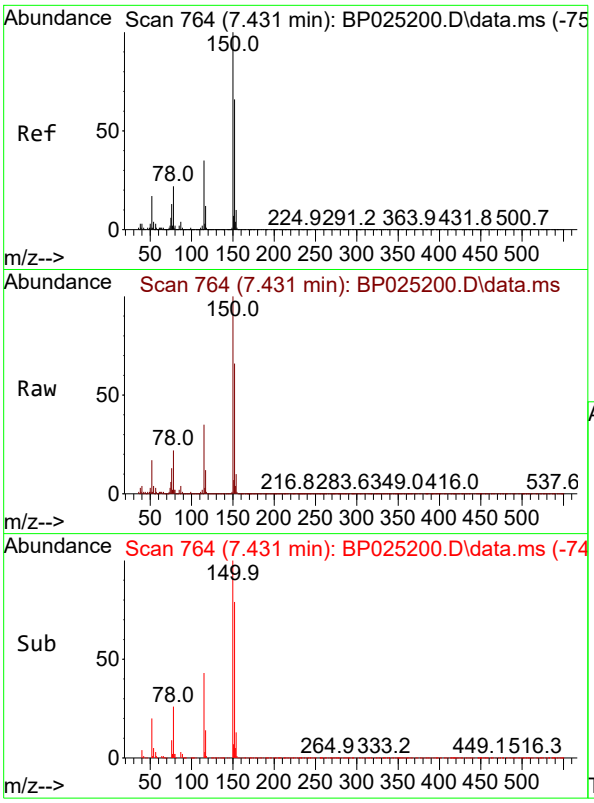
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



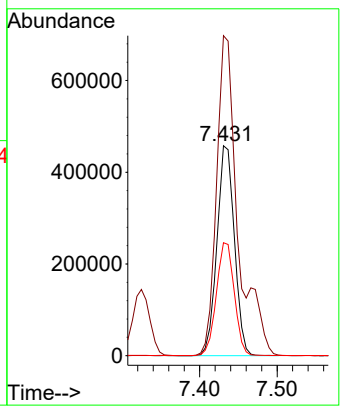


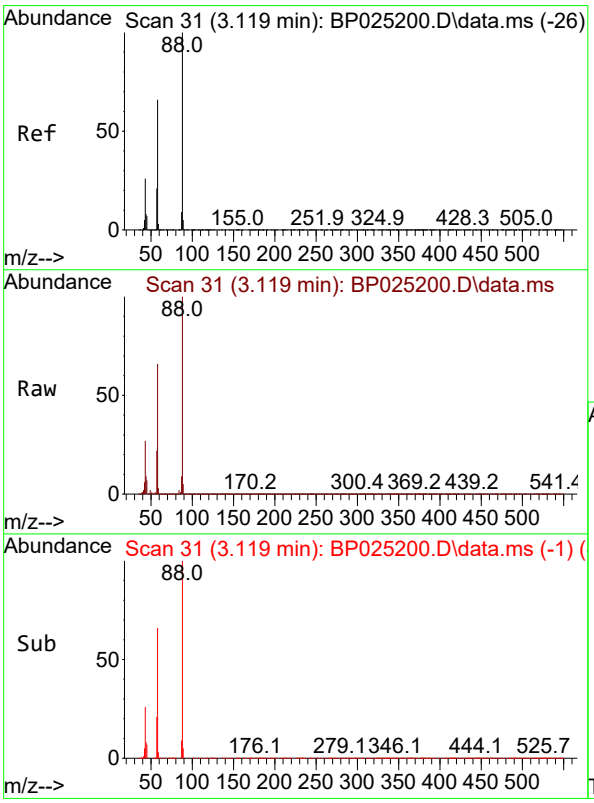
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 716086

Ion	Ratio	Lower	Upper
152	100		
150	152.4	121.9	182.9
115	53.8	43.0	64.6

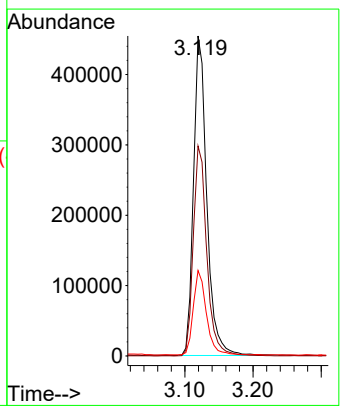


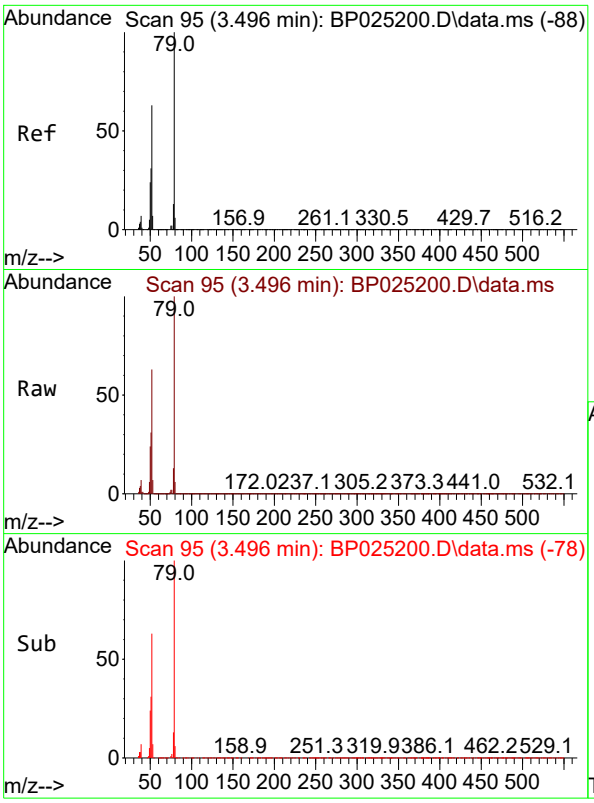


#2
1,4-Dioxane
Concen: 38.071 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 88 Resp: 613318

Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.5	80.3
43	26.0	20.8	31.2



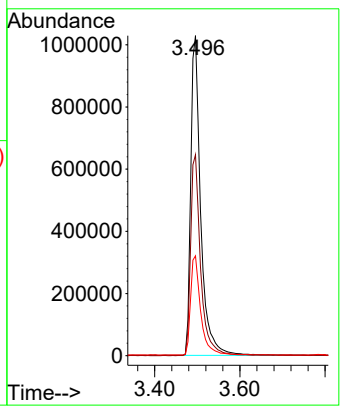


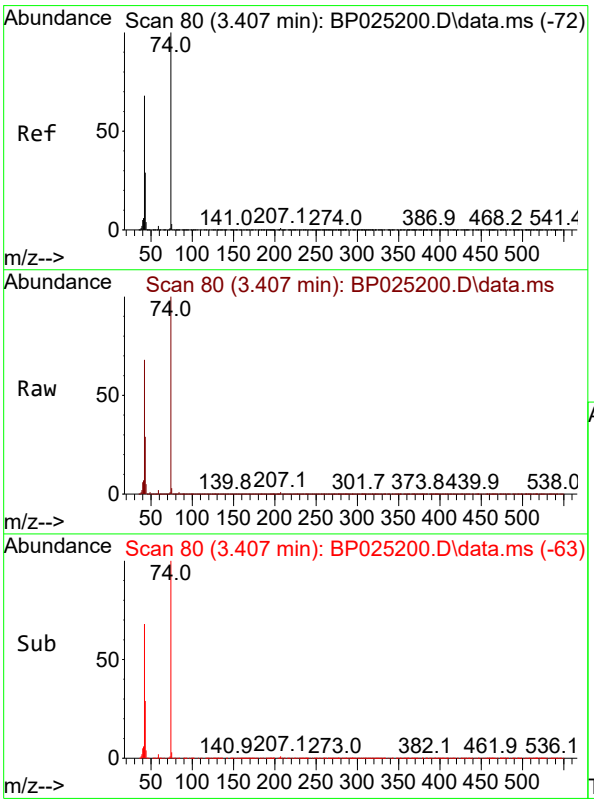
#3
Pyridine
Concen: 39.146 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 1670295

Ion	Ratio	Lower	Upper
79	100		
52	62.8	50.2	75.4
51	31.2	25.0	37.4

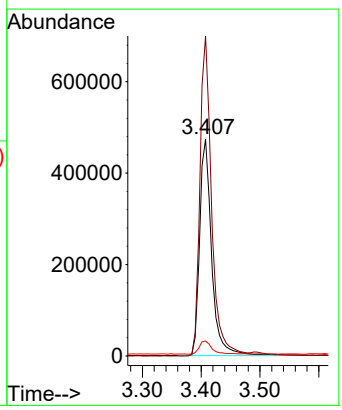


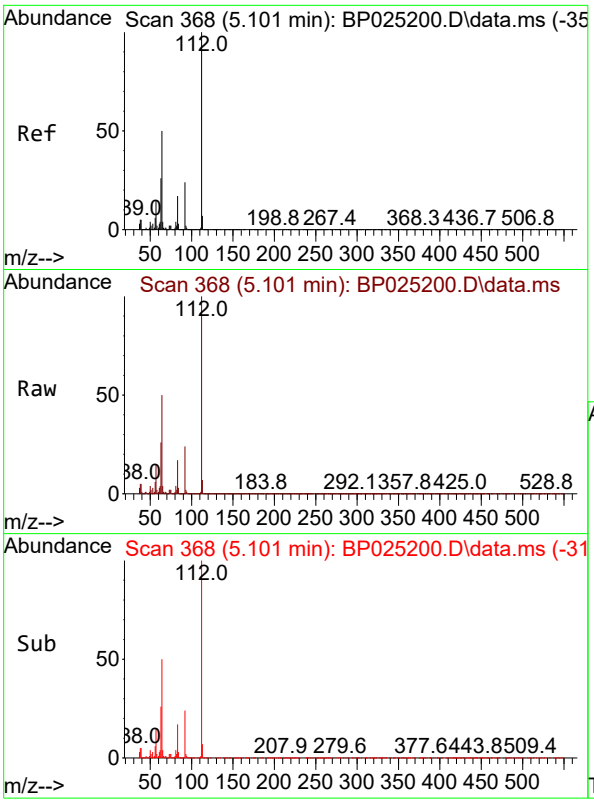


#4
n-Nitrosodimethylamine
Concen: 39.840 ng
RT: 3.407 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 42 Resp: 670875

Ion	Ratio	Lower	Upper
42	100		
74	147.5	118.0	177.0
44	6.9	5.5	8.3



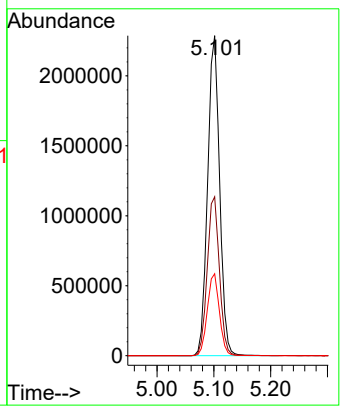


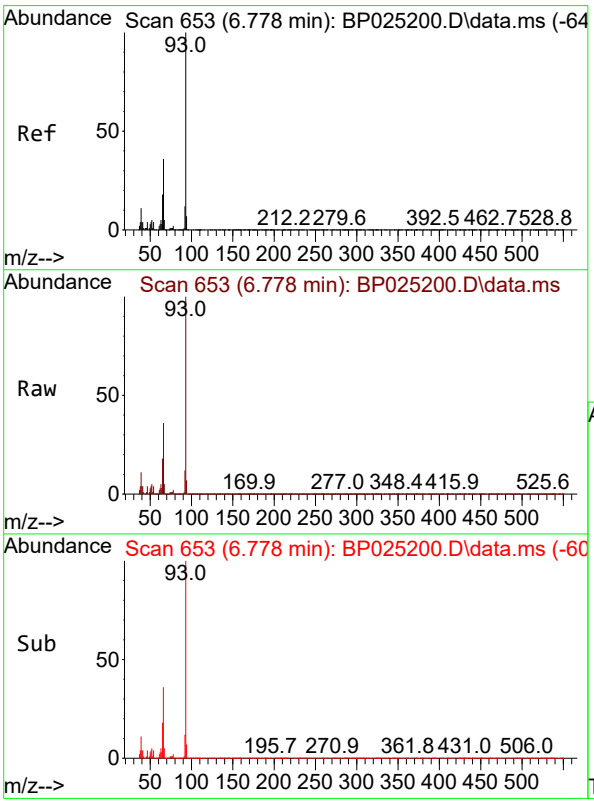
#5
2-Fluorophenol
Concen: 77.740 ng
RT: 5.101 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 3332284

Ion	Ratio	Lower	Upper
112	100		
64	49.7	39.8	59.6
63	25.6	20.5	30.7

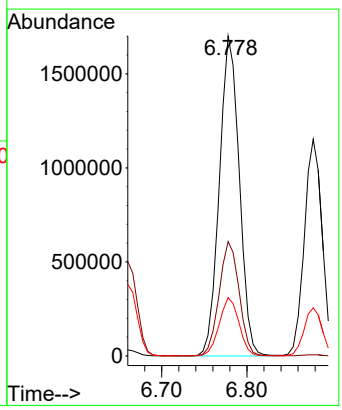


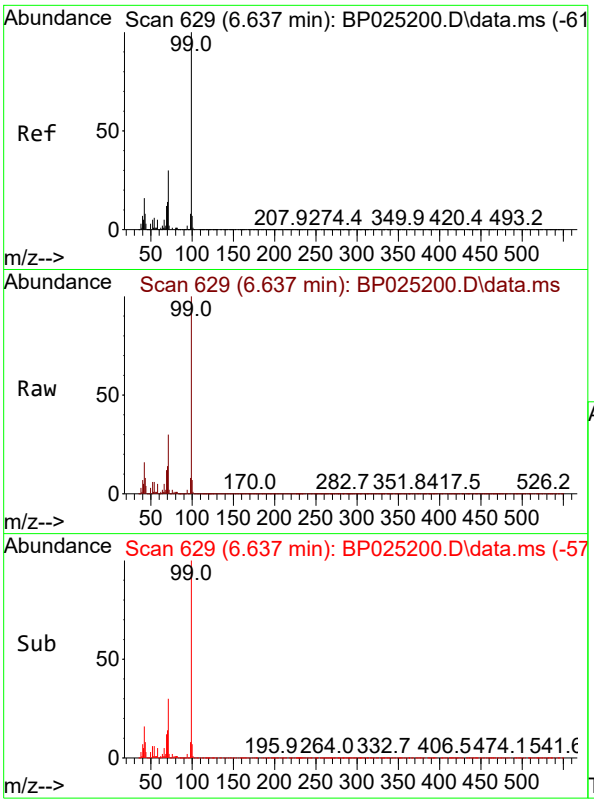


#6
Aniline
Concen: 40.082 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 93 Resp: 2758328

Ion	Ratio	Lower	Upper
93	100		
66	35.8	28.6	43.0
65	18.2	14.6	21.8



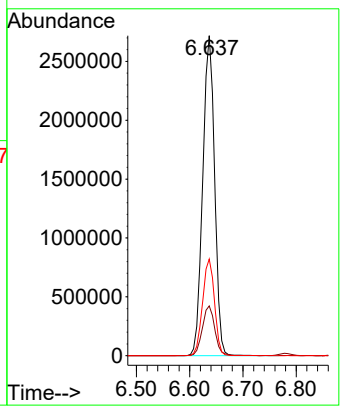


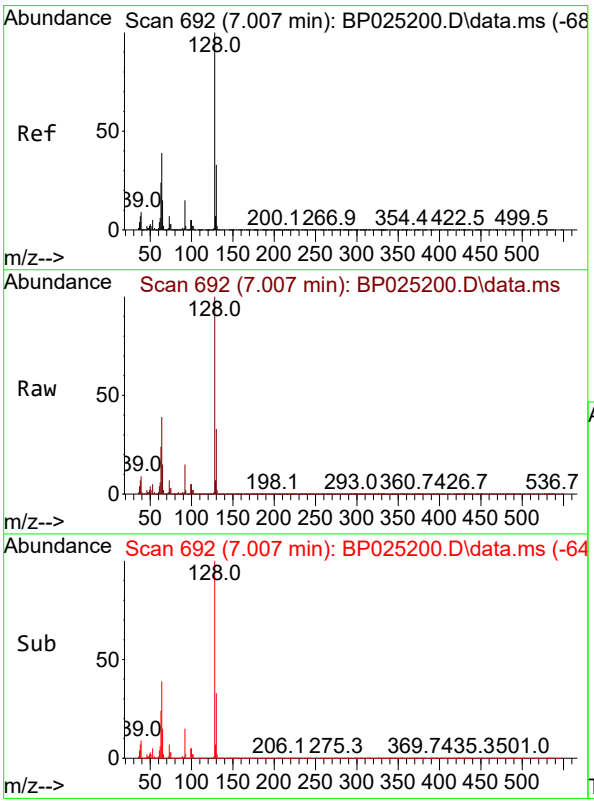
#7
Phenol-d6
Concen: 79.463 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 4205182

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	30.2	24.2	36.2

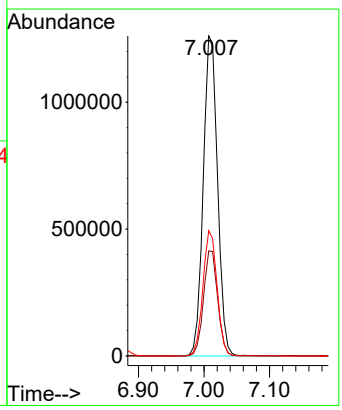


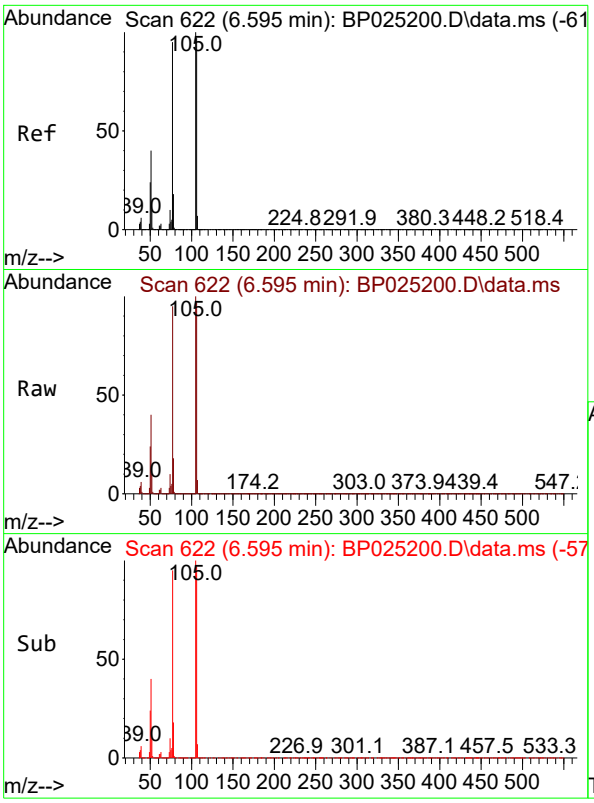


#8
2-Chlorophenol
Concen: 39.736 ng
RT: 7.007 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:128 Resp: 1916454

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	39.2	19.2	59.2



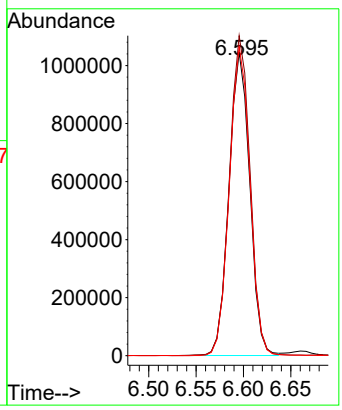


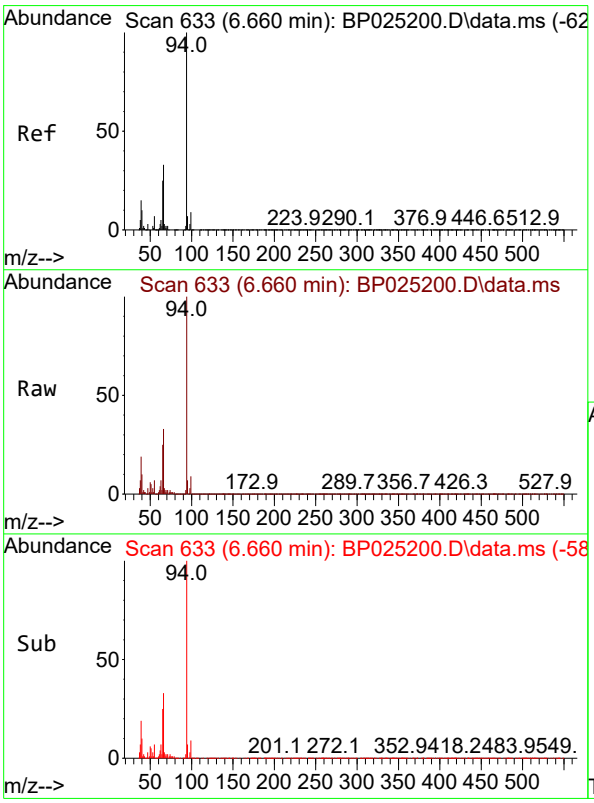
#9
Benzaldehyde
Concen: 42.007 ng
RT: 6.595 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1588648

Ion	Ratio	Lower	Upper
77	100		
105	105.5	85.5	125.5
106	101.9	81.9	121.9

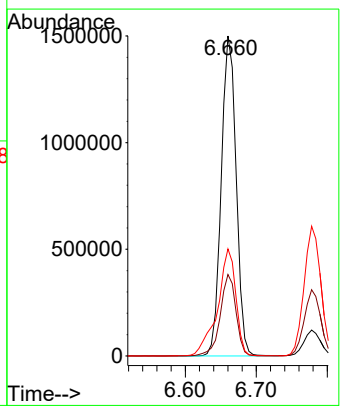


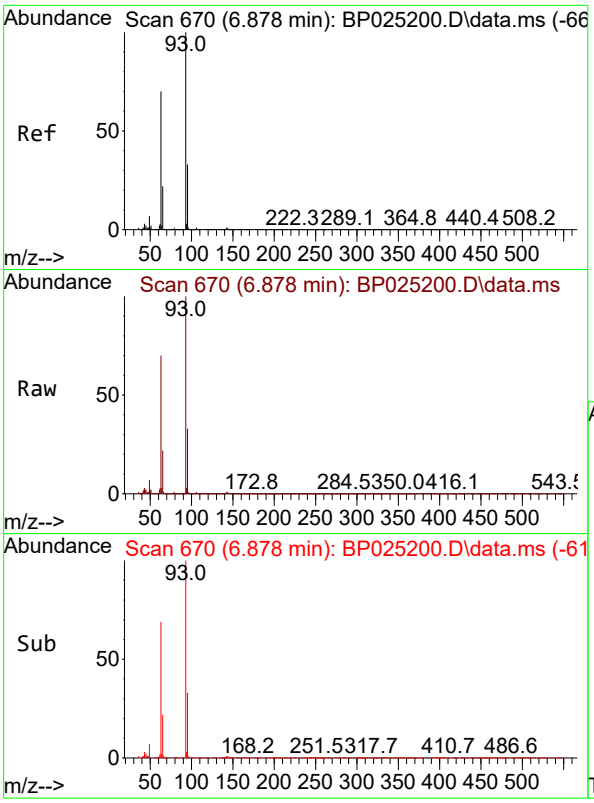


#10
Phenol
Concen: 39.738 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 94 Resp: 2175741

Ion	Ratio	Lower	Upper
94	100		
65	25.4	5.4	45.4
66	33.5	13.5	53.5



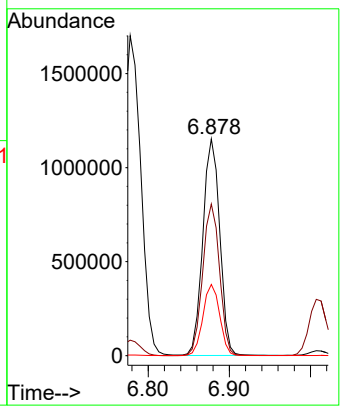


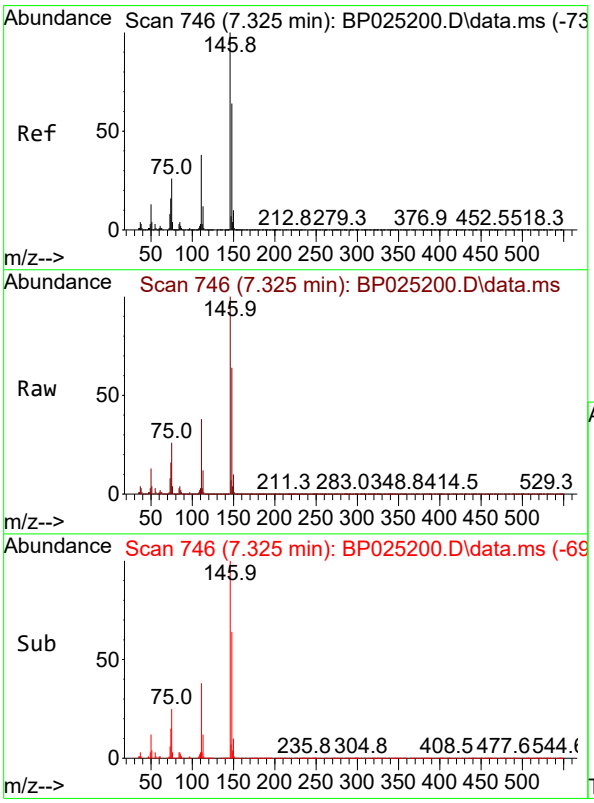
#11
bis(2-Chloroethyl)ether
Concen: 39.664 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 1667453

Ion	Ratio	Lower	Upper
93	100		
63	70.0	50.0	90.0
95	32.9	12.9	52.9

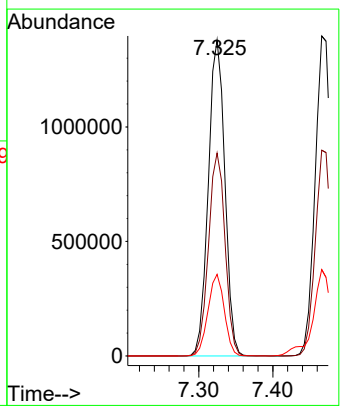


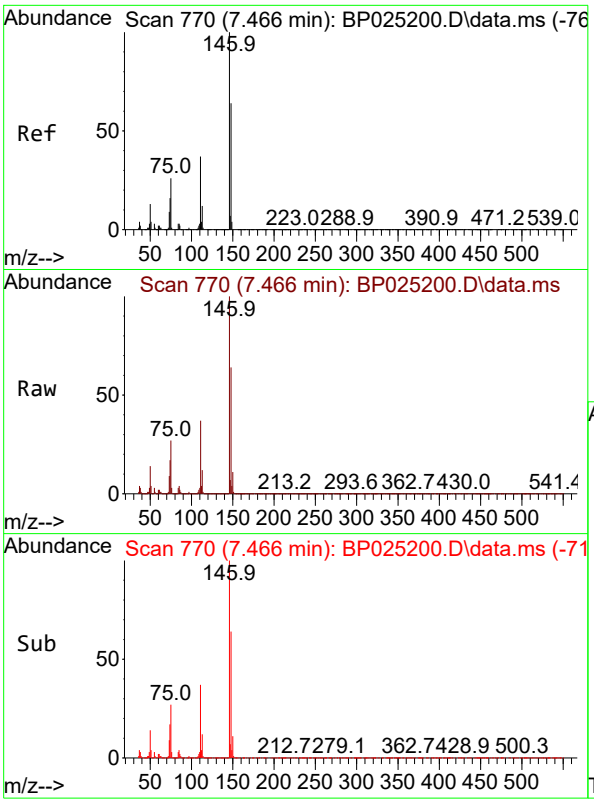


#12
1,3-Dichlorobenzene
Concen: 39.069 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:146 Resp: 2137788

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	25.8	20.6	31.0



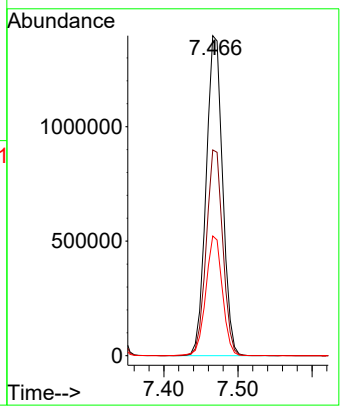


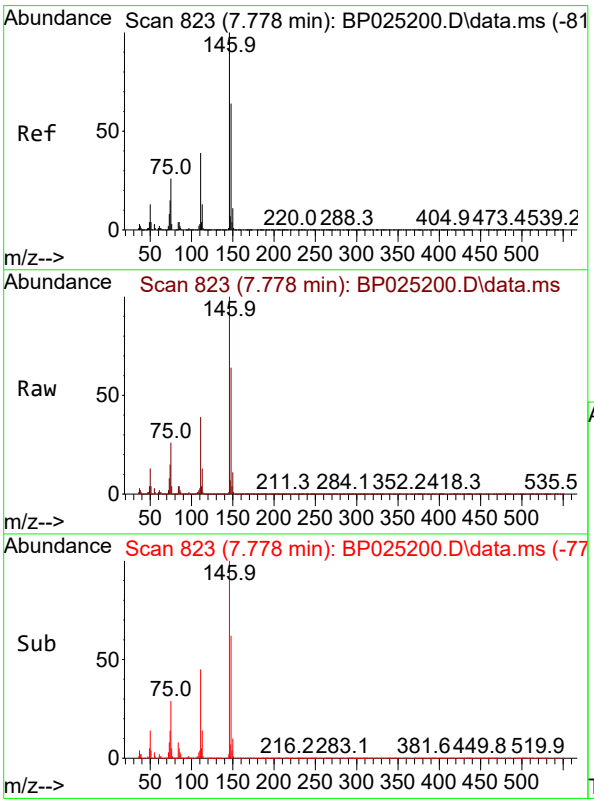
#13
1,4-Dichlorobenzene
Concen: 39.058 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 2156704

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	37.4	29.9	44.9

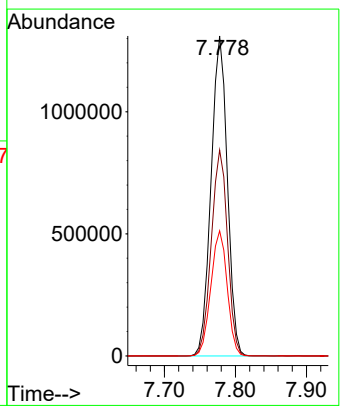


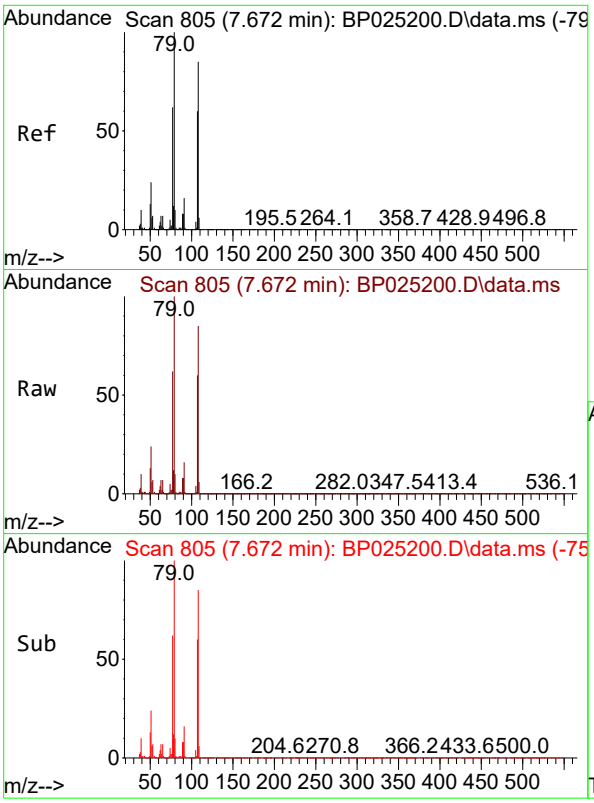


#14
1,2-Dichlorobenzene
Concen: 39.177 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:146 Resp: 2078661

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	39.1	31.3	46.9



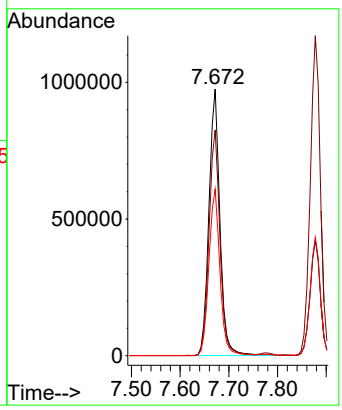


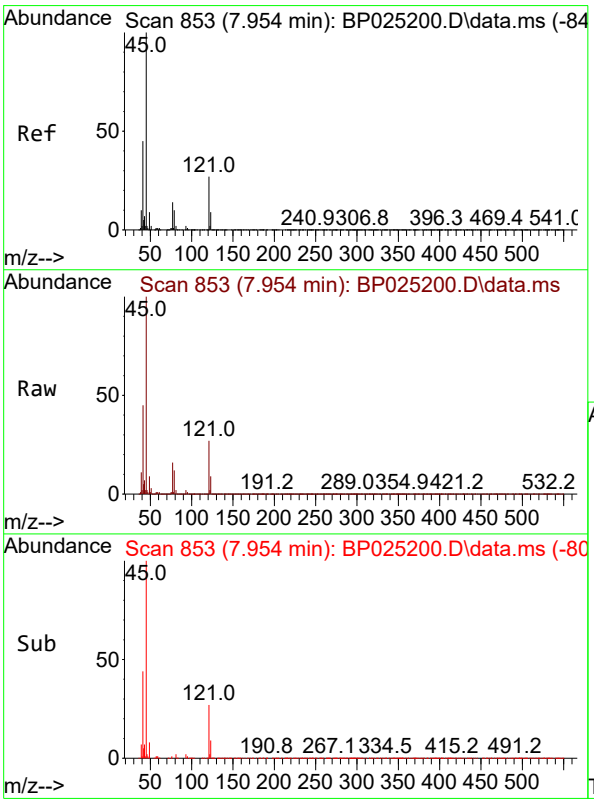
#15
Benzyl Alcohol
Concen: 40.143 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 1522703

Ion	Ratio	Lower	Upper
79	100		
108	84.7	67.8	101.6
77	62.4	49.9	74.9

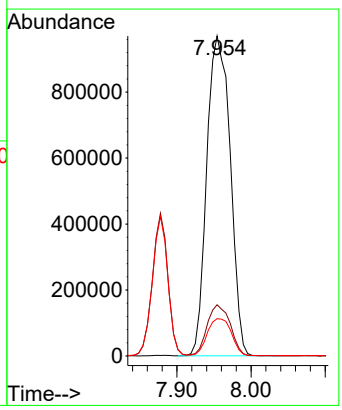


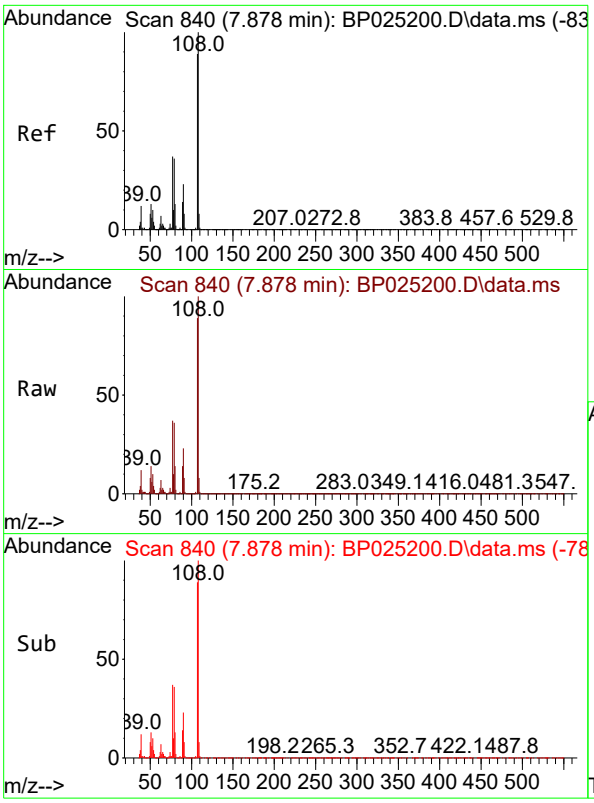


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.489 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 45 Resp: 2129397

Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	36.0
79	11.7	0.0	31.7



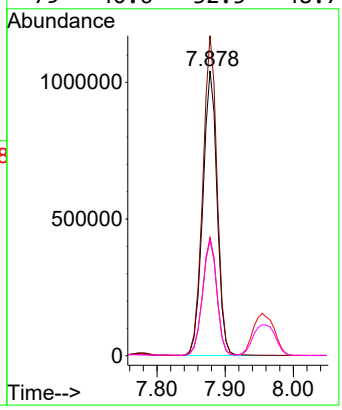


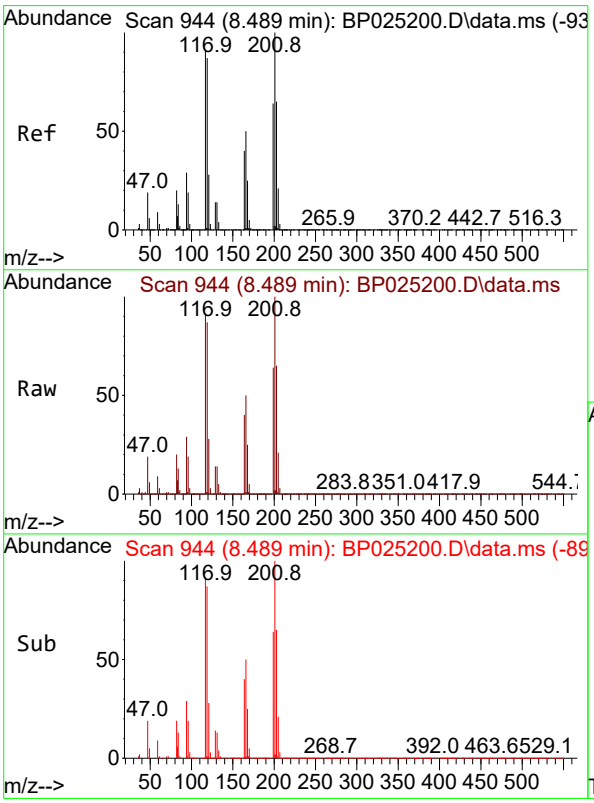
#17
2-Methylphenol
Concen: 39.997 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 1514702

Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.8
77	41.5	33.2	49.8
79	40.6	32.5	48.7

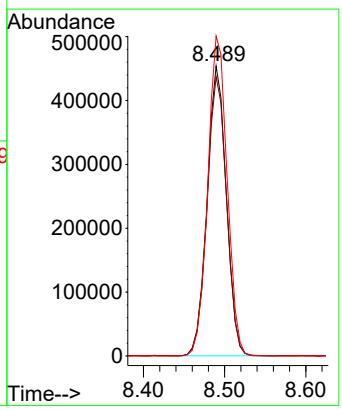


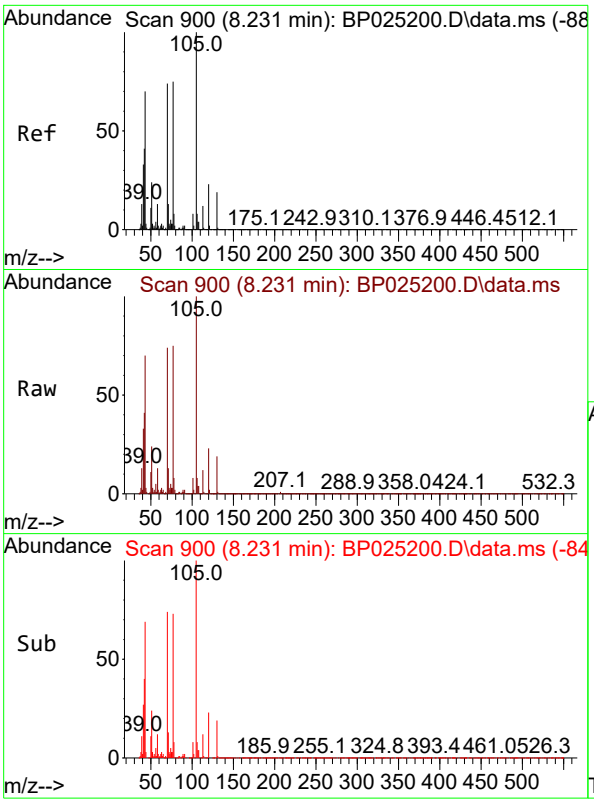


#18
Hexachloroethane
Concen: 39.515 ng
RT: 8.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:117 Resp: 745054

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
201	110.4	88.3	132.5



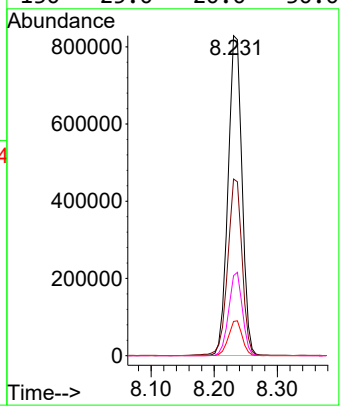


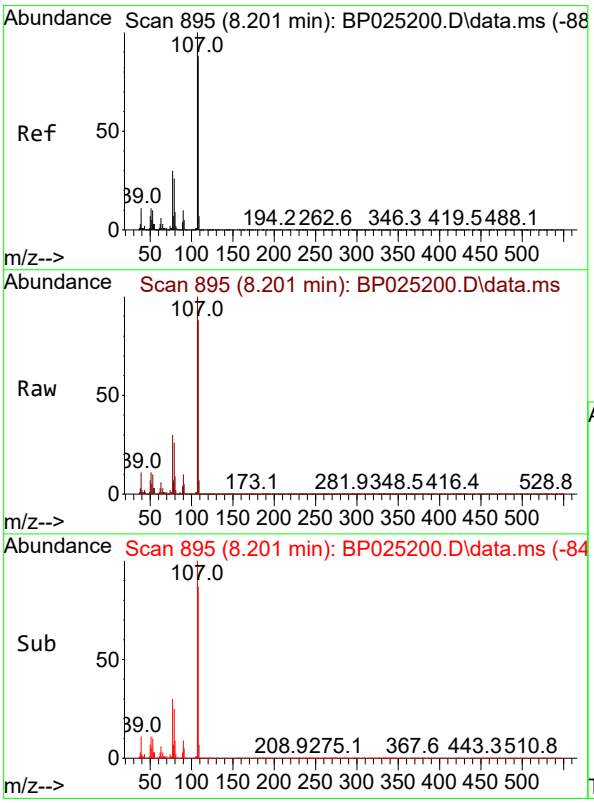
#19
n-Nitroso-di-n-propylamine
Concen: 39.862 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 1271335

Ion	Ratio	Lower	Upper
70	100		
42	55.2	44.2	66.2
101	10.7	8.6	12.8
130	25.0	20.0	30.0

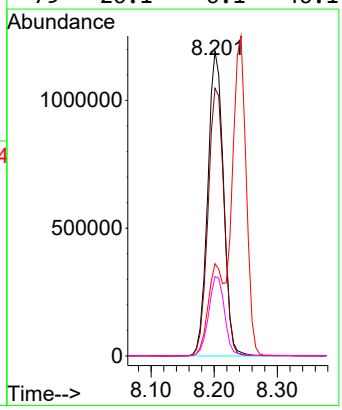


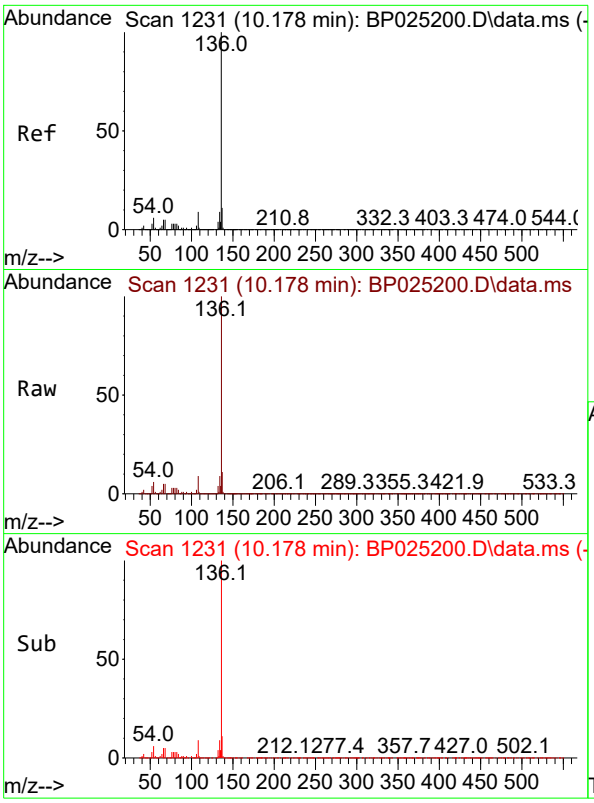


#20
3+4-Methylphenols
Concen: 39.873 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:107 Resp: 2062504

Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.8	107.8
77	30.3	10.3	50.3
79	26.1	6.1	46.1



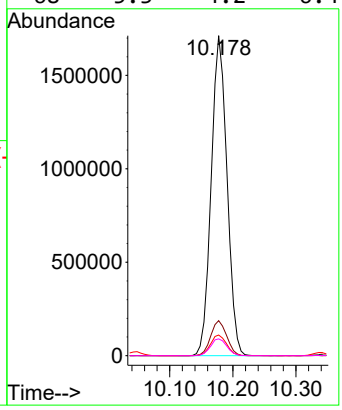


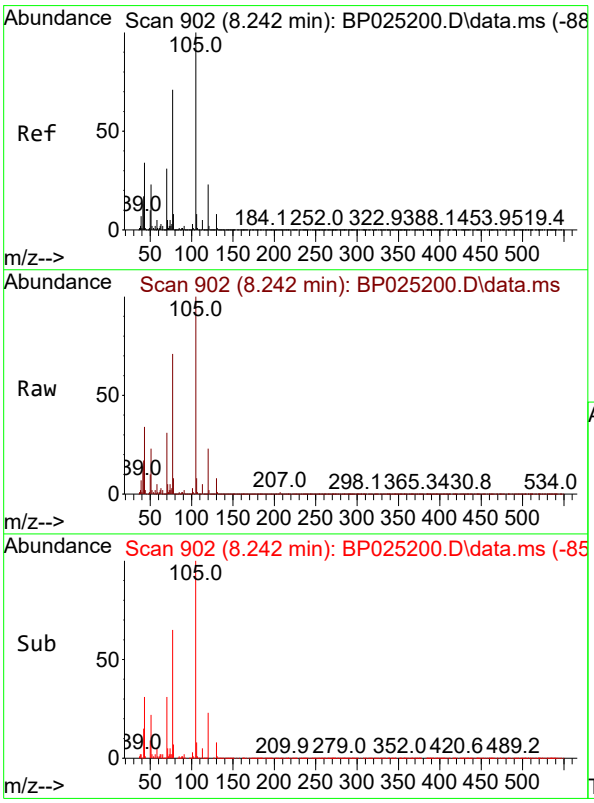
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 2975305

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.4	5.1	7.7
68	5.3	4.2	6.4

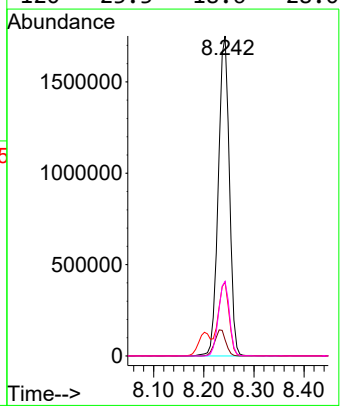


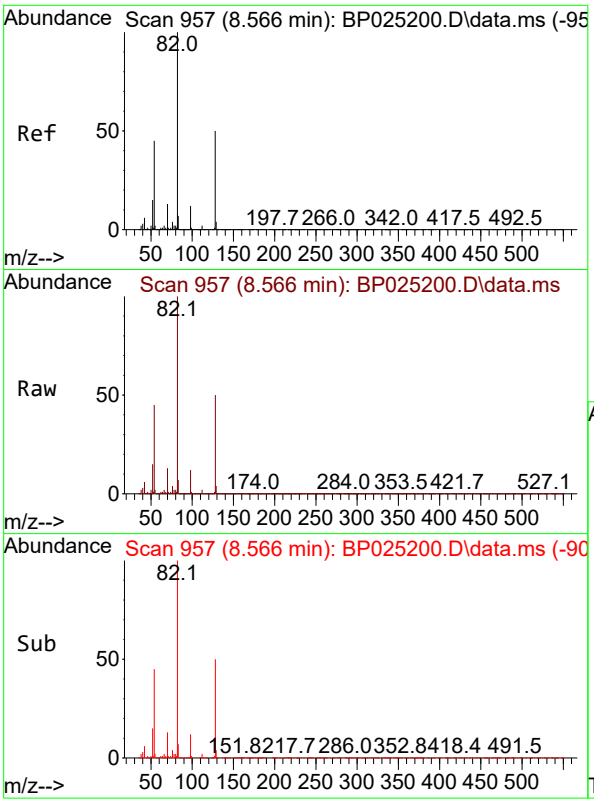


#22
Acetophenone
Concen: 37.975 ng
RT: 8.242 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:105 Resp: 2676137

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.1	6.1
51	23.1	18.5	27.7
120	23.3	18.6	28.0



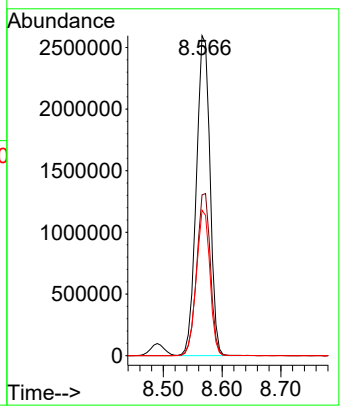


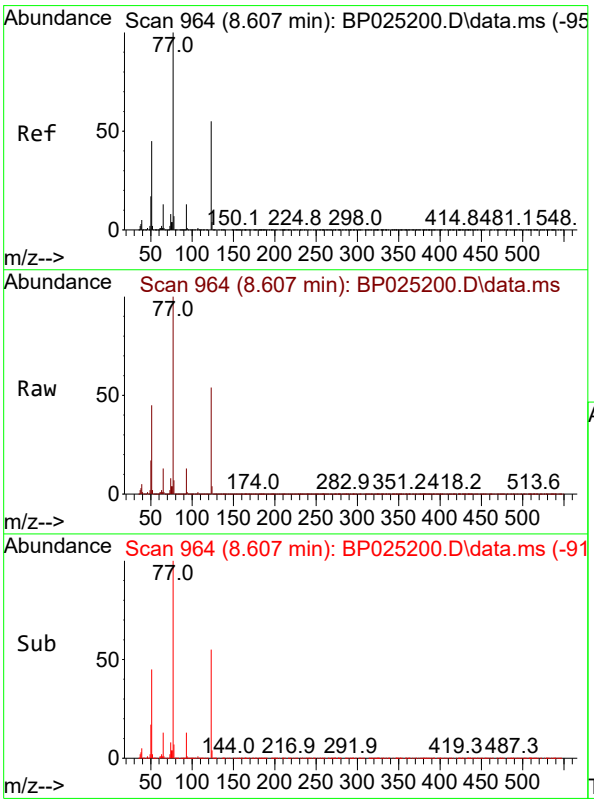
#23
Nitrobenzene-d5
Concen: 77.213 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 4190097

Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.2	60.4
54	45.4	36.3	54.5

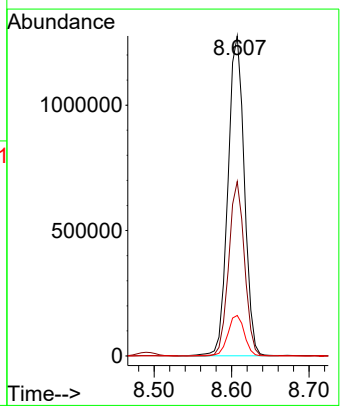


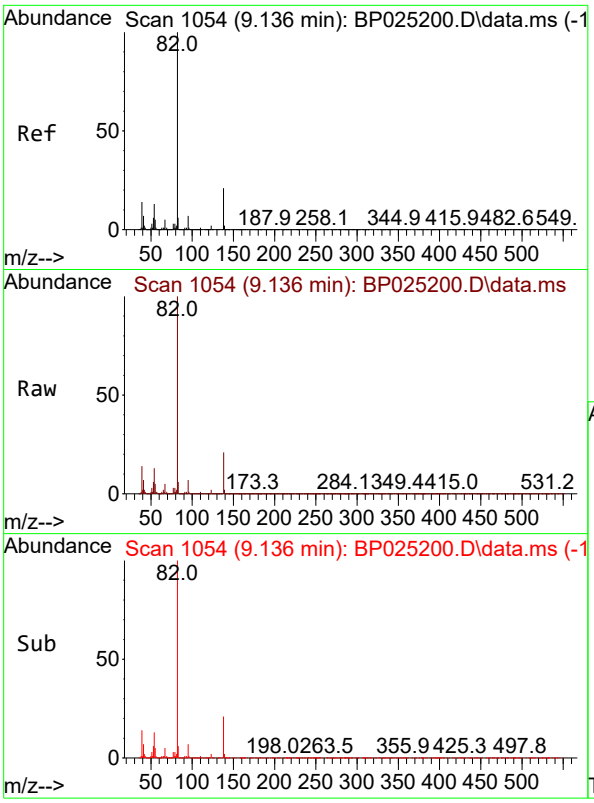


#24
Nitrobenzene
Concen: 38.831 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 77 Resp: 1867495

Ion	Ratio	Lower	Upper
77	100		
123	54.5	43.6	65.4
65	12.7	10.2	15.2



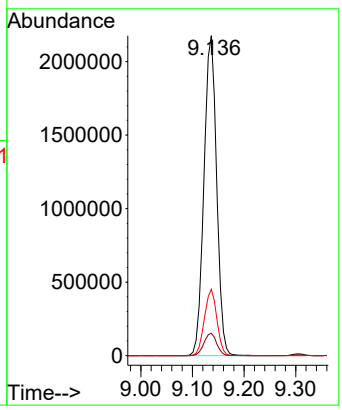


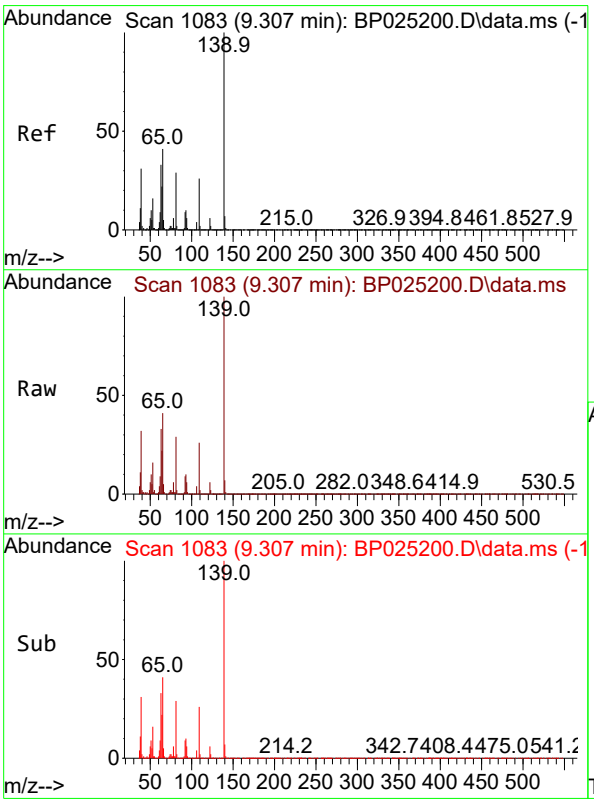
#25
Isophorone
Concen: 38.950 ng
RT: 9.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 3701878

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.8	16.6	25.0

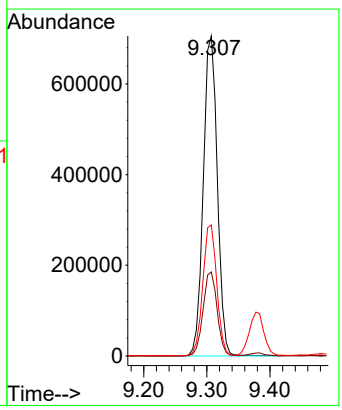


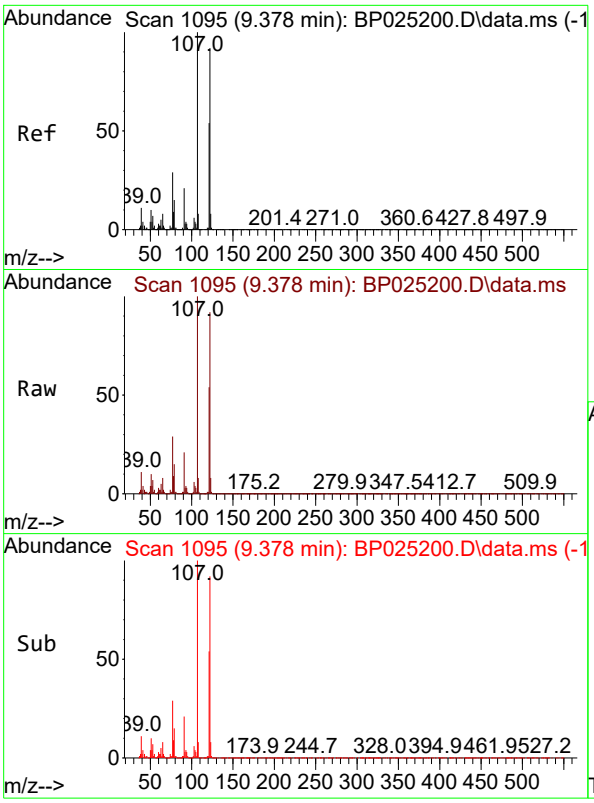


#26
2-Nitrophenol
Concen: 40.223 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:139 Resp: 1088830

Ion	Ratio	Lower	Upper
139	100		
109	26.3	21.0	31.6
65	40.9	32.7	49.1



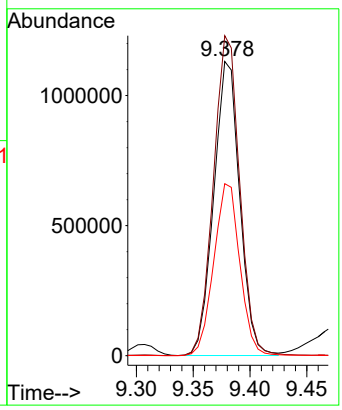


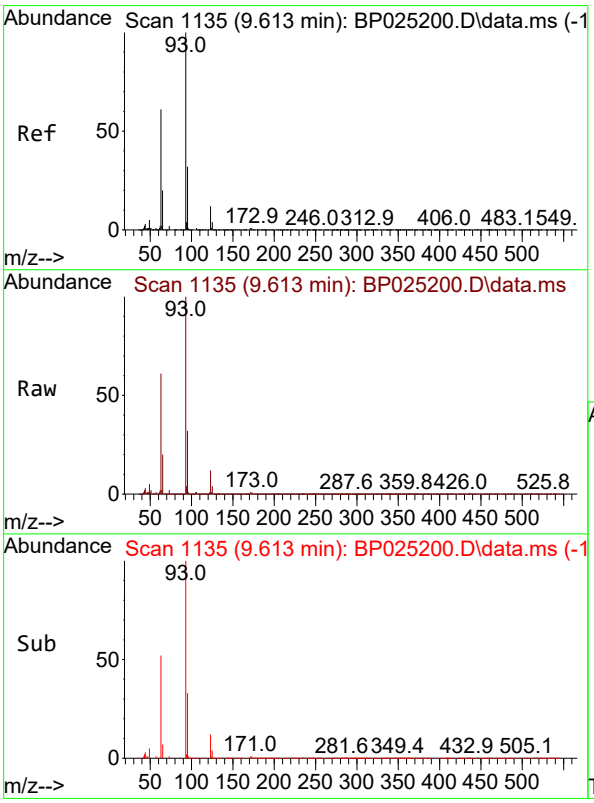
#27
2,4-Dimethylphenol
Concen: 39.091 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 1801438

Ion	Ratio	Lower	Upper
122	100		
107	108.7	87.0	130.4
121	58.4	46.7	70.1

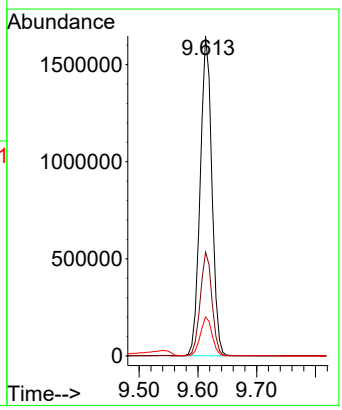


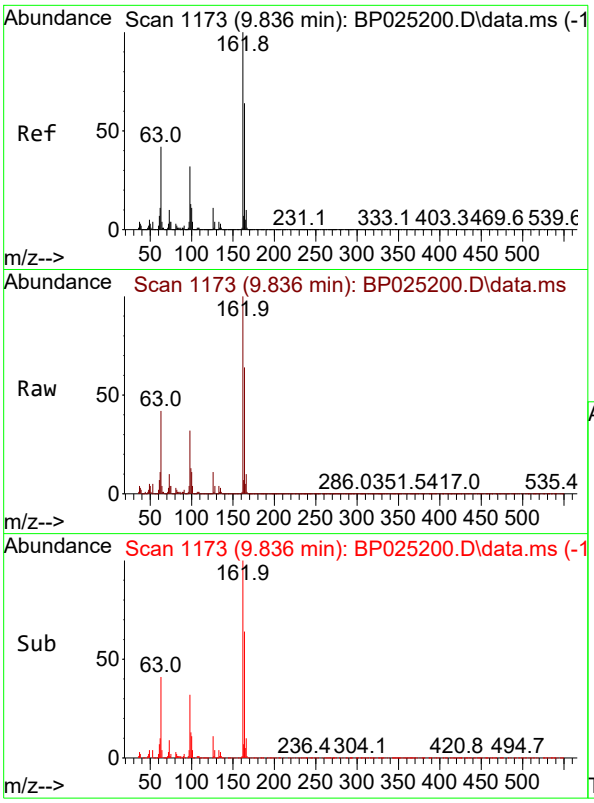


#28
bis(2-Chloroethoxy)methane
Concen: 38.192 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 93 Resp: 2278849

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	12.2	9.8	14.6



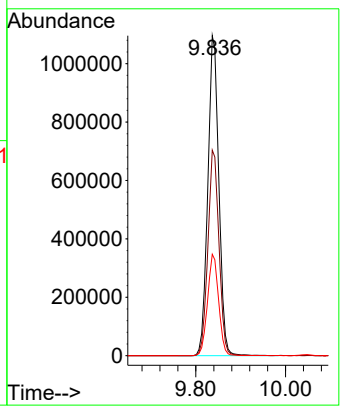


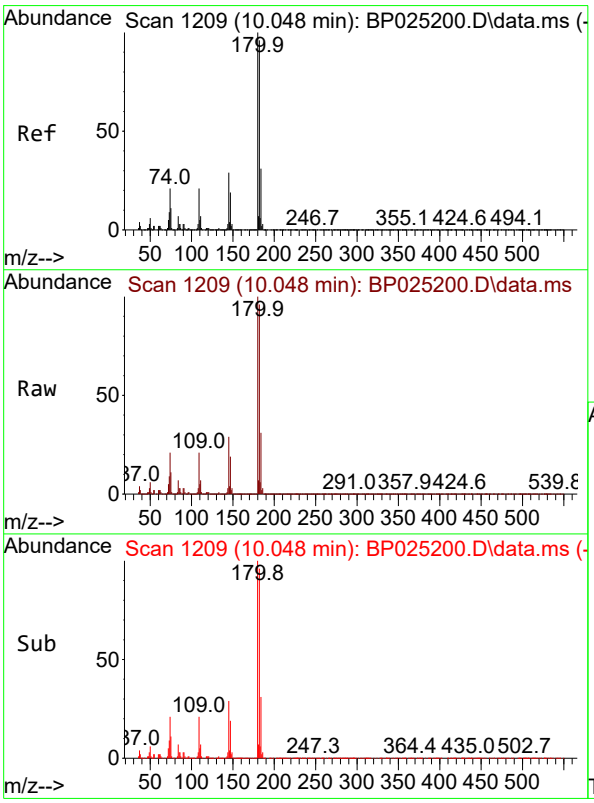
#29
2,4-Dichlorophenol
Concen: 39.421 ng
RT: 9.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1863258

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	31.7	11.7	51.7

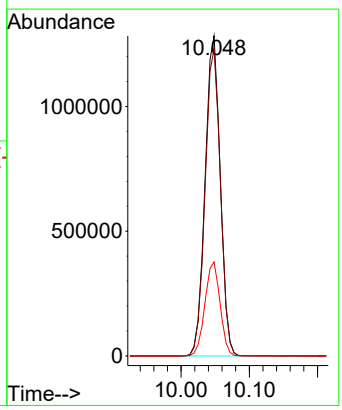


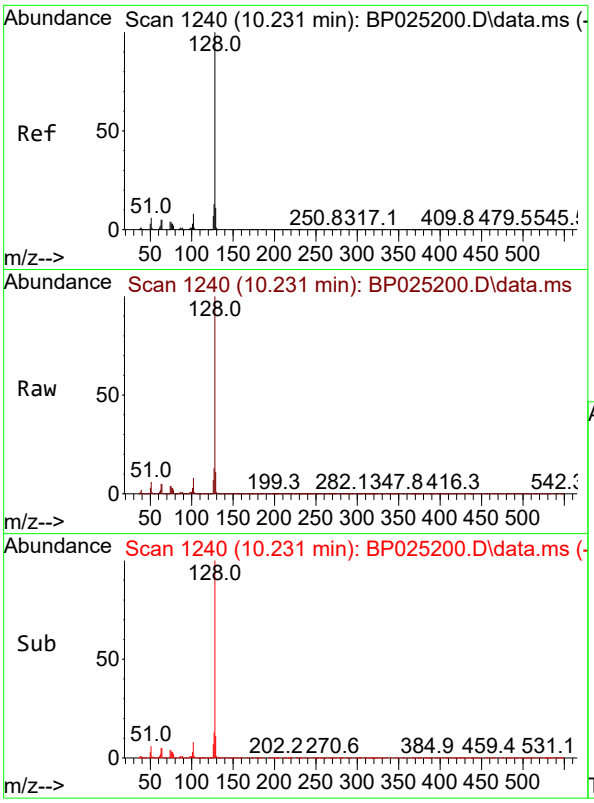


#30
1,2,4-Trichlorobenzene
Concen: 38.213 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:180 Resp: 1987412

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	29.4	23.5	35.3



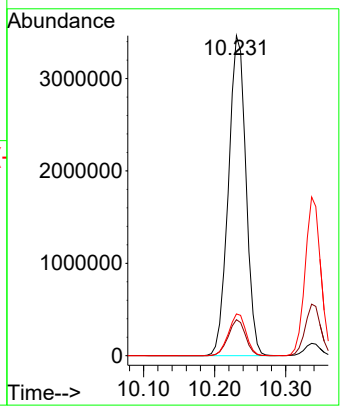


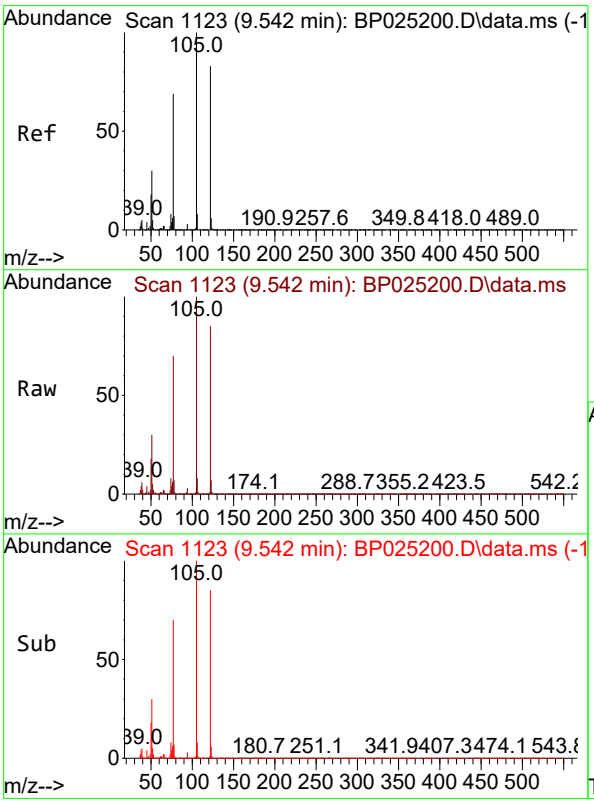
#31
Naphthalene
Concen: 38.257 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 5927872

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.4	15.6

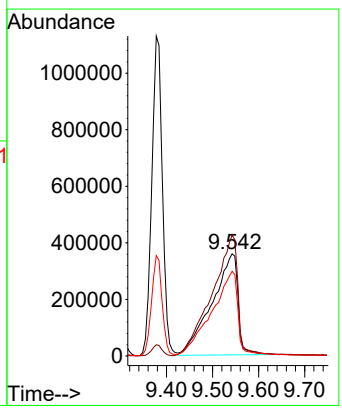


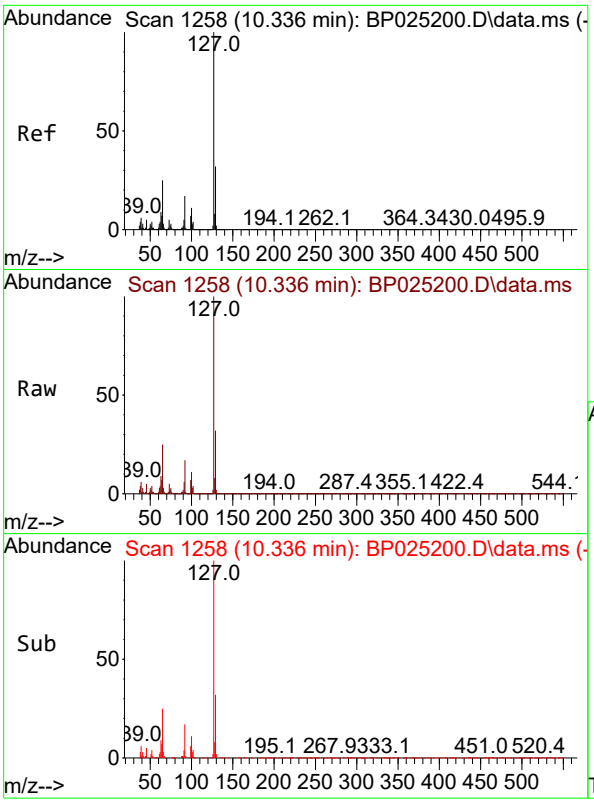


#32
Benzoic acid
Concen: 41.555 ng
RT: 9.542 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:122 Resp: 1398585

Ion	Ratio	Lower	Upper
122	100		
105	118.1	98.1	138.1
77	82.7	62.7	102.7



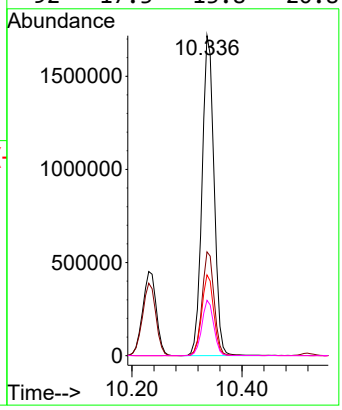


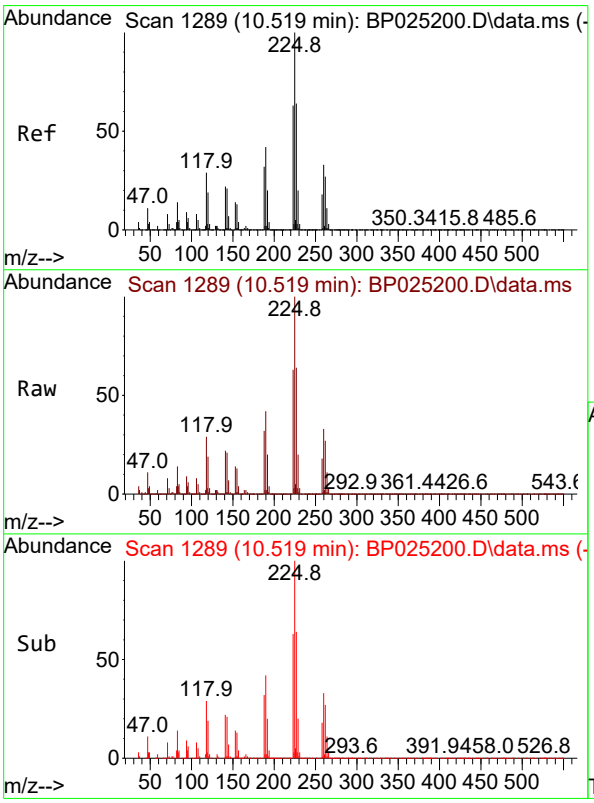
#33
4-Chloroaniline
Concen: 38.702 ng
RT: 10.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 2603764

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	25.3	20.2	30.4
92	17.3	13.8	20.8

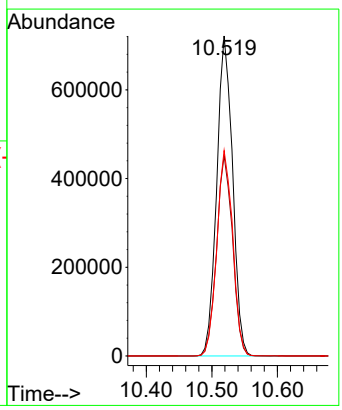


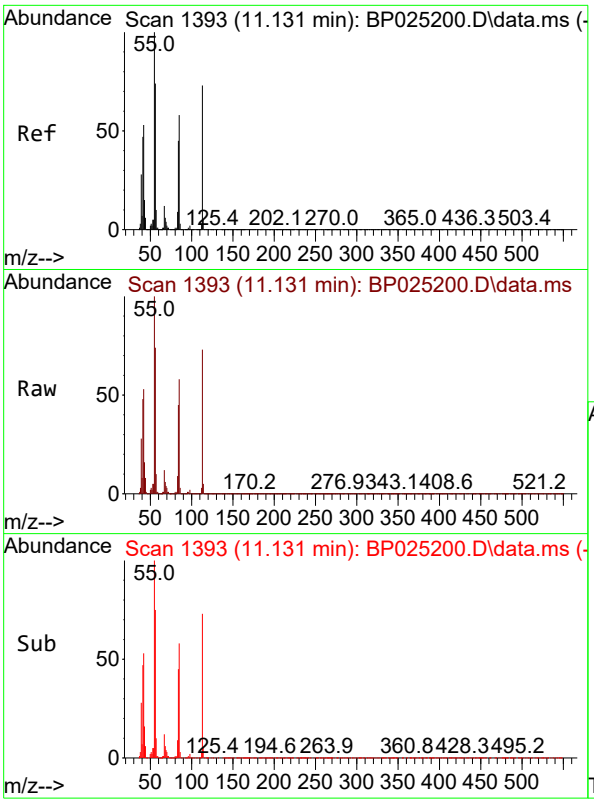


#34
Hexachlorobutadiene
Concen: 38.619 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:225 Resp: 1206197

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.2	51.4	77.0



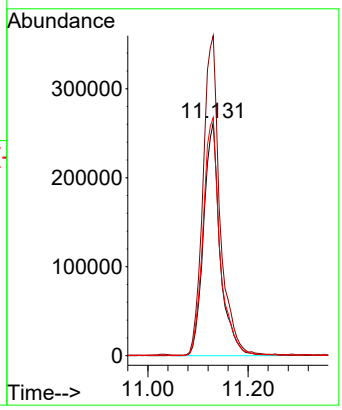


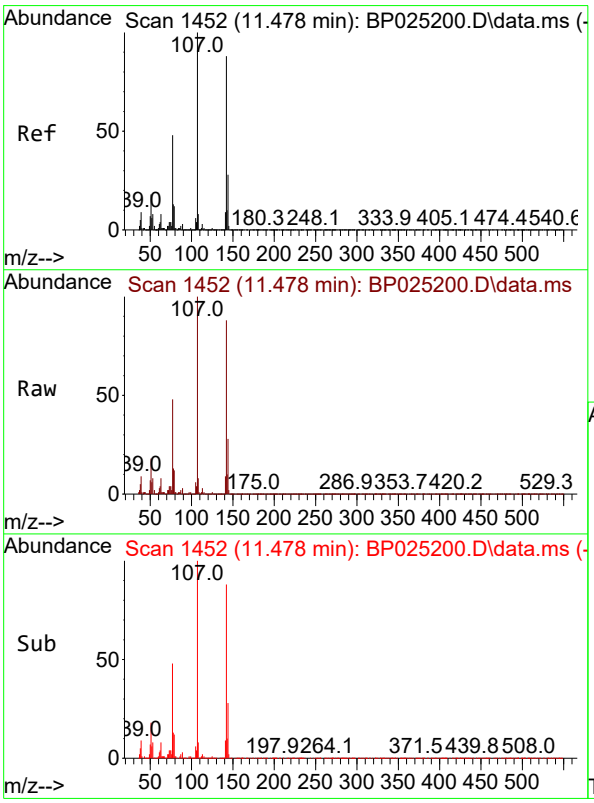
#35
Caprolactam
Concen: 38.538 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 599453

Ion	Ratio	Lower	Upper
113	100		
55	137.6	117.6	157.6
56	102.4	82.4	122.4

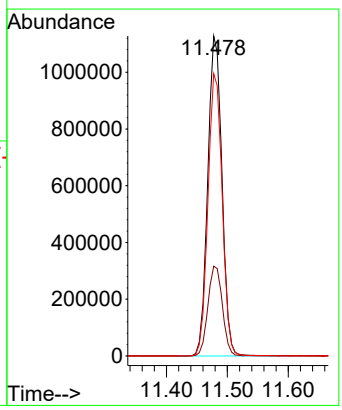


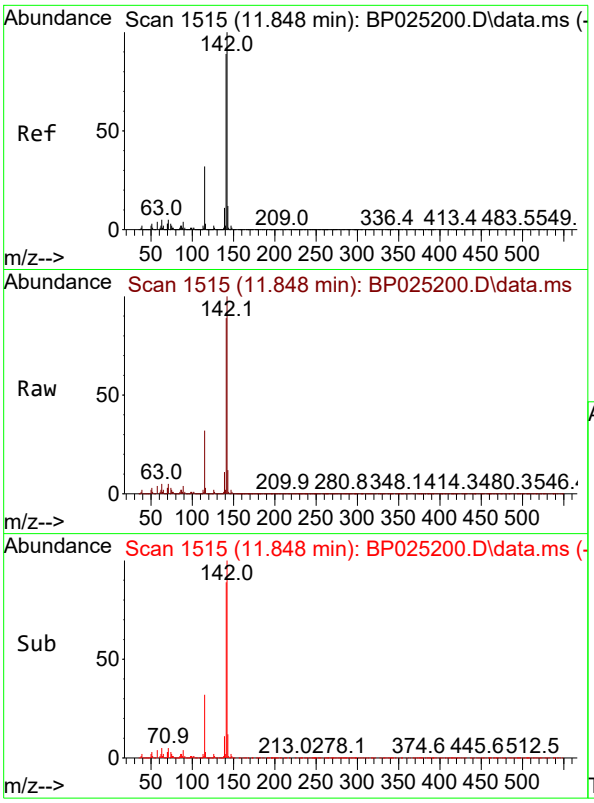


#36
4-Chloro-3-methylphenol
Concen: 38.647 ng
RT: 11.478 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:107 Resp: 1824293

Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.5	33.7
142	88.2	70.6	105.8



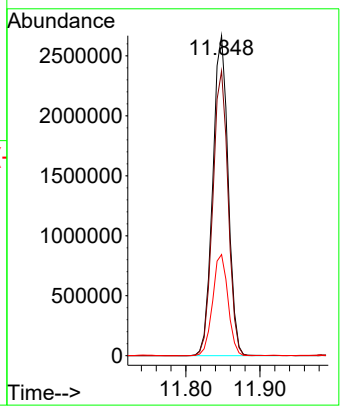


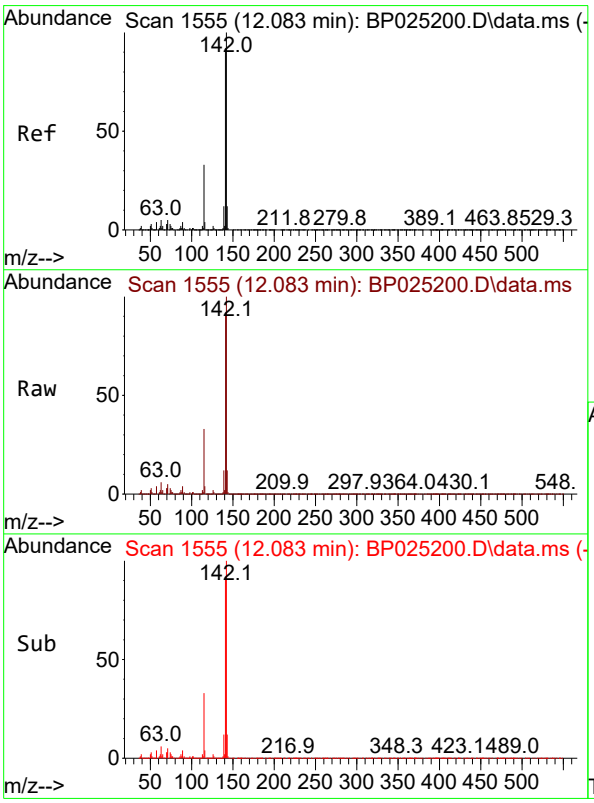
#37
2-Methylnaphthalene
Concen: 38.356 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 3843978

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	31.6	25.3	37.9

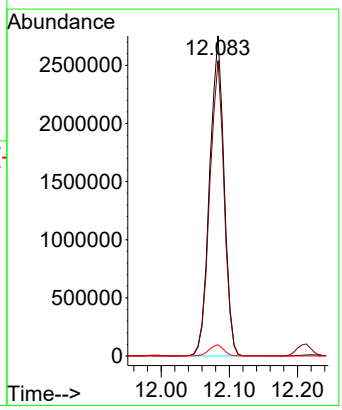


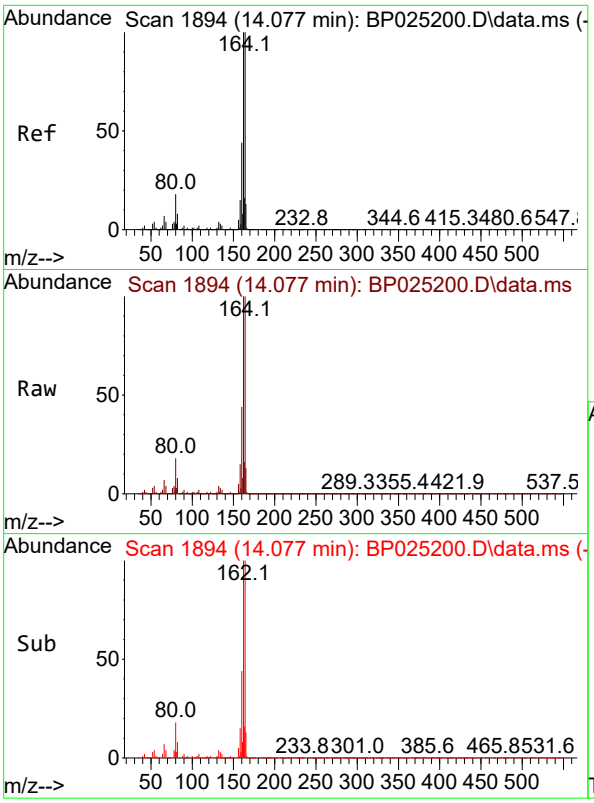


#38
1-Methylnaphthalene
Concen: 38.363 ng
RT: 12.083 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:142 Resp: 4055024

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.8
116	3.5	2.8	4.2



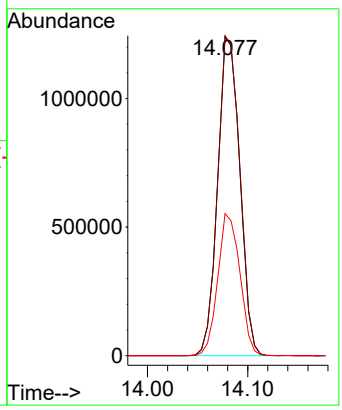


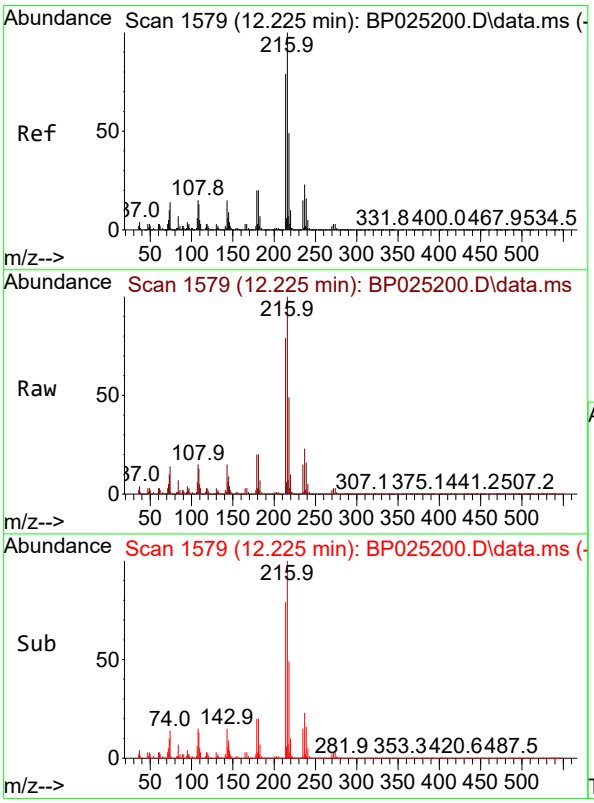
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.077 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 1899529

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.6	35.7	53.5

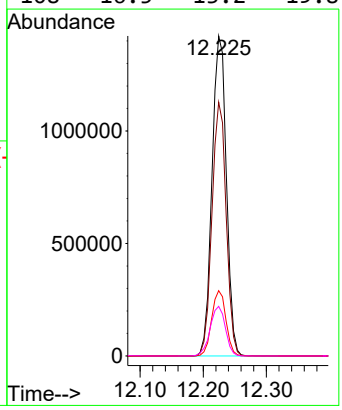


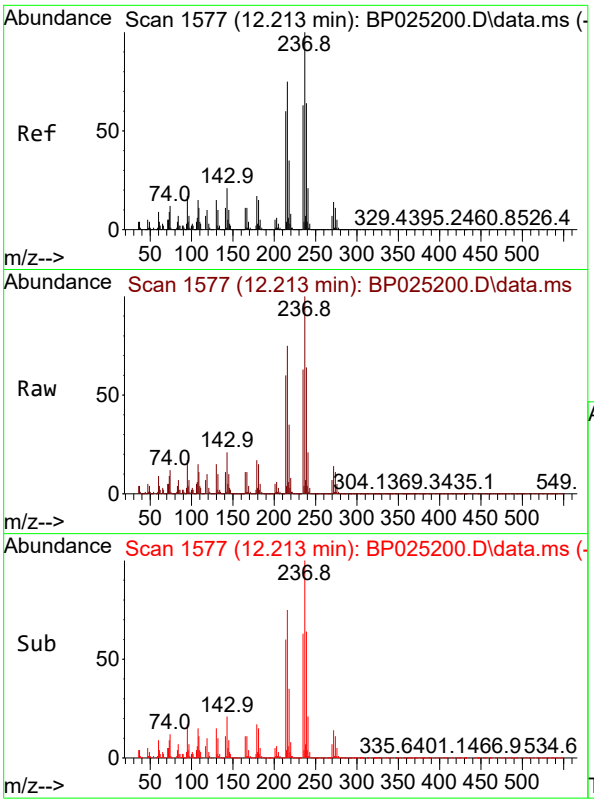


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.948 ng
RT: 12.225 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:216 Resp: 2240439

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.7	94.1
179	20.3	16.2	24.4
108	16.5	13.2	19.8



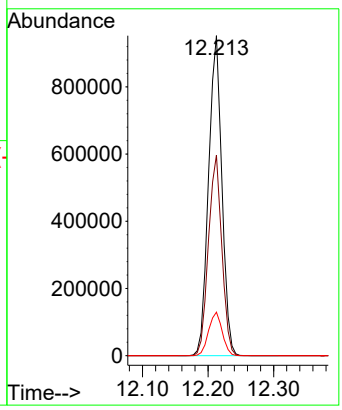


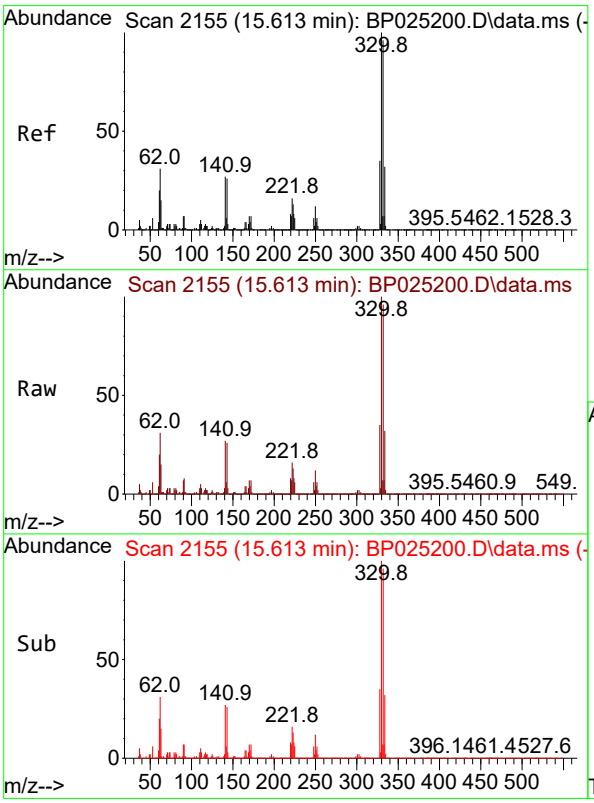
#41
Hexachlorocyclopentadiene
Concen: 41.195 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 1343791

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.6	0.0	33.6

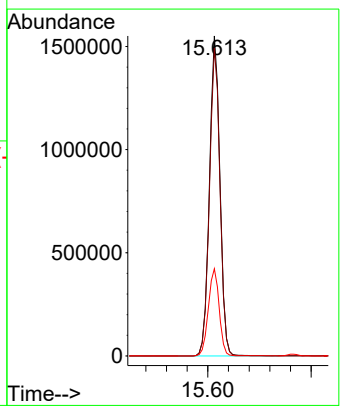


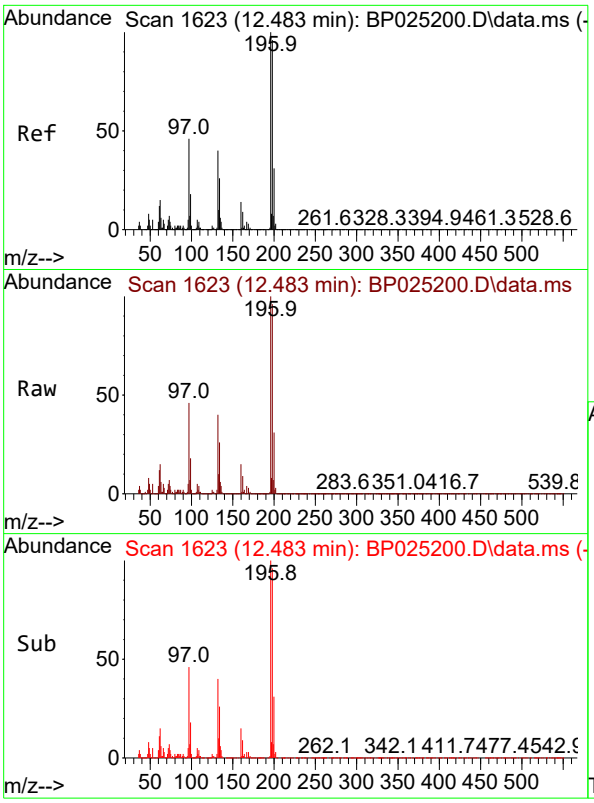


#42
2,4,6-Tribromophenol
Concen: 77.351 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:330 Resp: 2184856

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	28.0	22.4	33.6



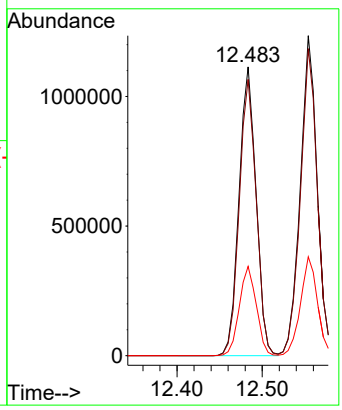


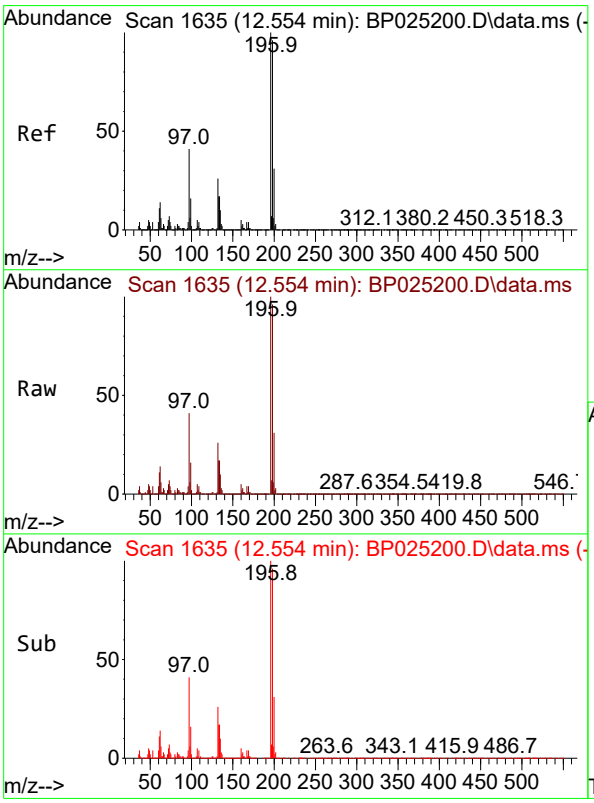
#43
2,4,6-Trichlorophenol
Concen: 39.840 ng
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 1548524

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
200	30.9	24.7	37.1

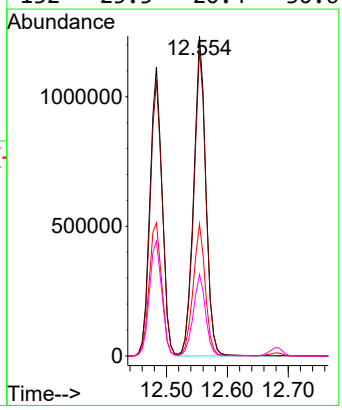


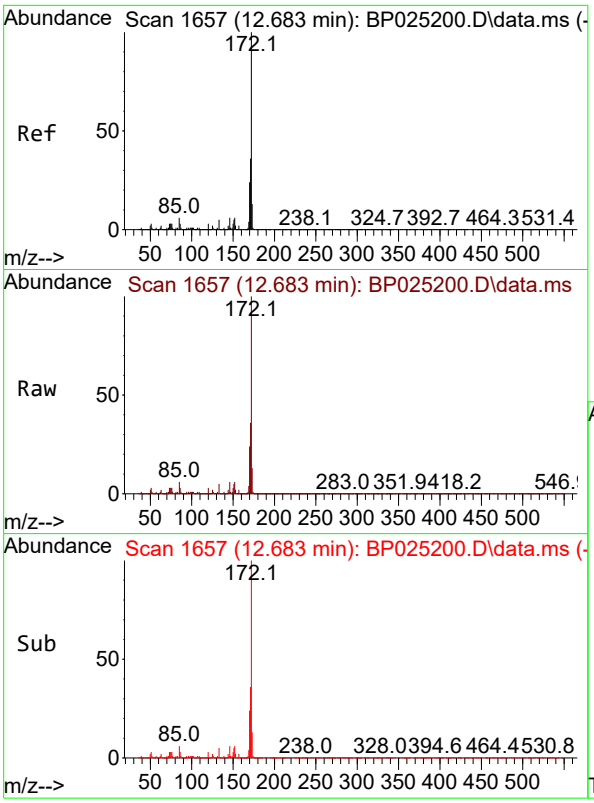


#44
2,4,5-Trichlorophenol
Concen: 39.918 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:196 Resp: 1710200

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
97	41.2	33.0	49.4
132	25.5	20.4	30.6



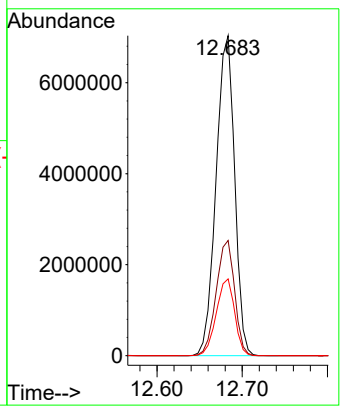


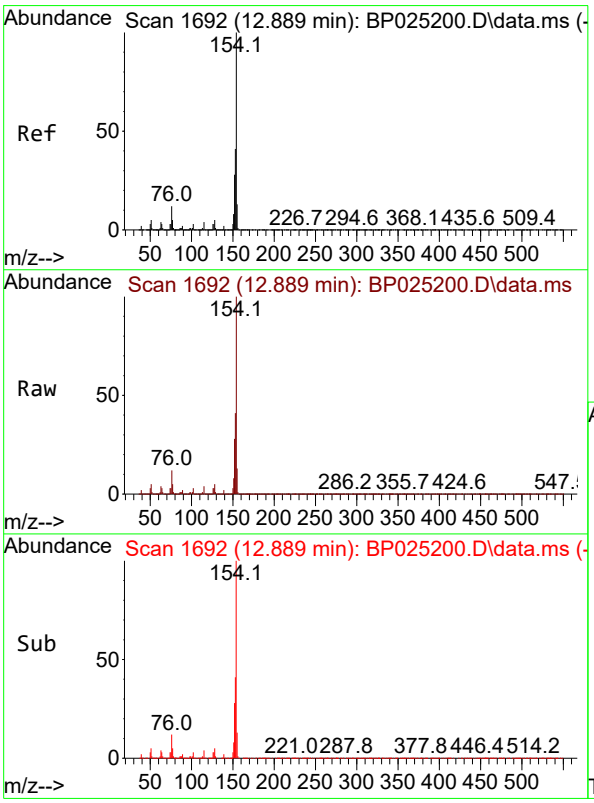
#45
2-Fluorobiphenyl
Concen: 74.204 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp:10646823

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	24.0	19.2	28.8

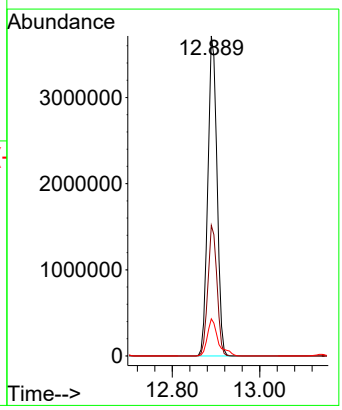


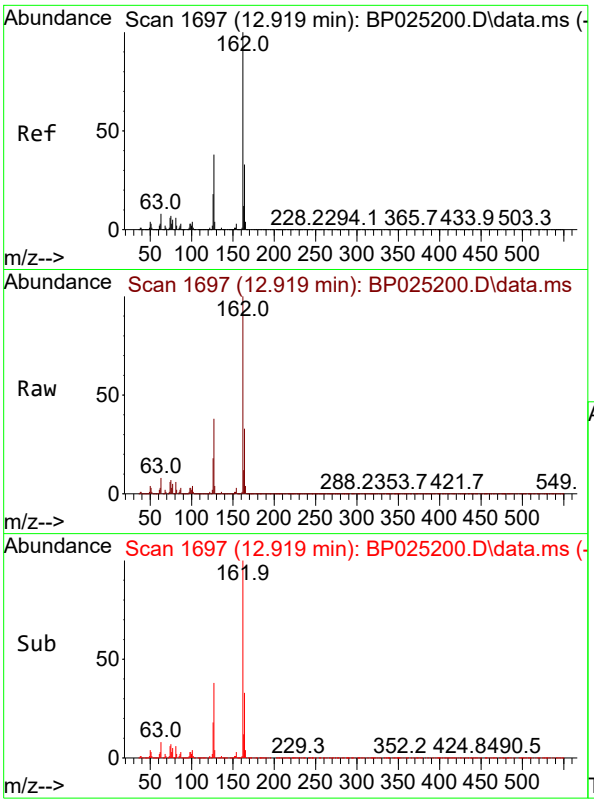


#46
1,1'-Biphenyl
Concen: 38.574 ng
RT: 12.889 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:154 Resp: 5417896

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	11.6	0.0	31.6



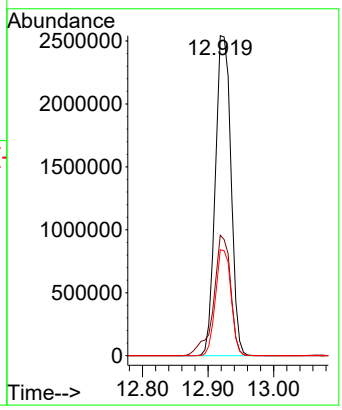


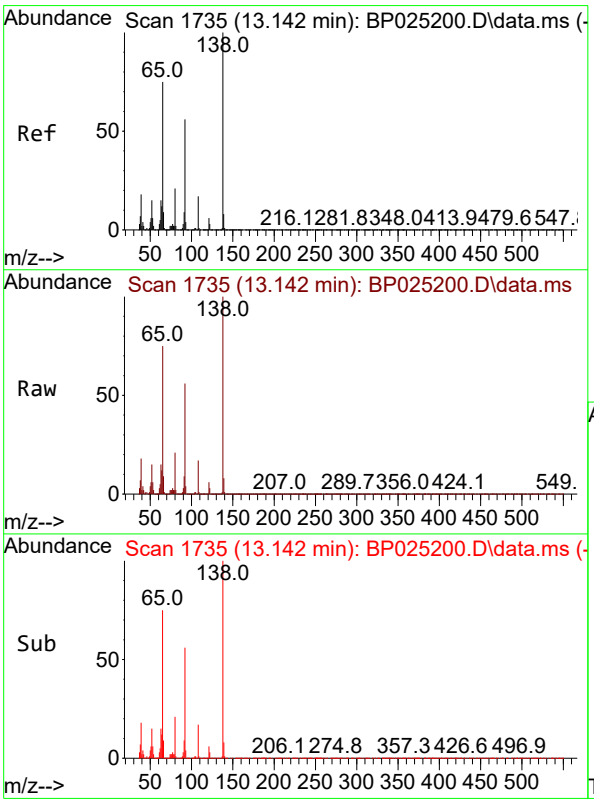
#47
2-Chloronaphthalene
Concen: 38.548 ng
RT: 12.919 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 4194712

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	33.1	26.5	39.7

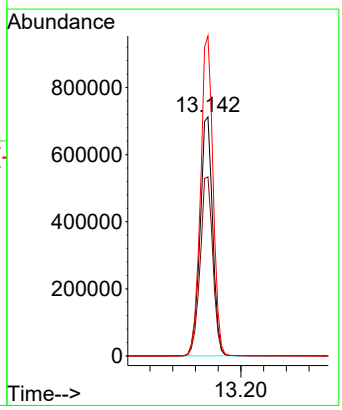


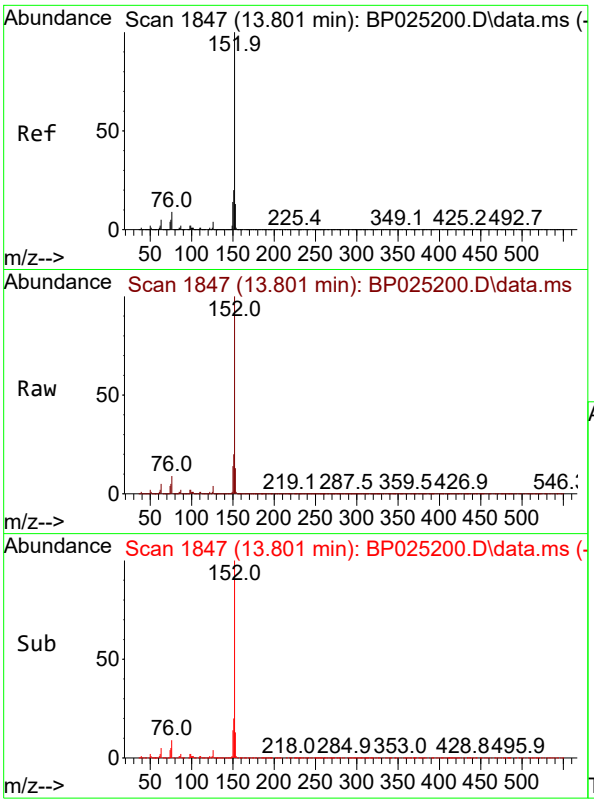


#48
2-Nitroaniline
Concen: 39.999 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 65 Resp: 1091815

Ion	Ratio	Lower	Upper
65	100		
92	74.9	59.9	89.9
138	133.9	107.1	160.7



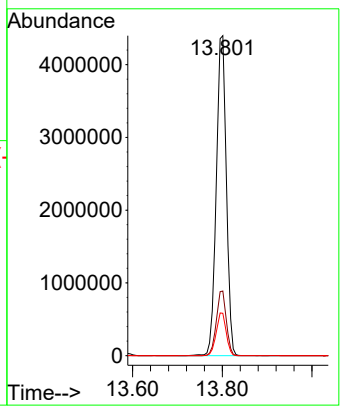


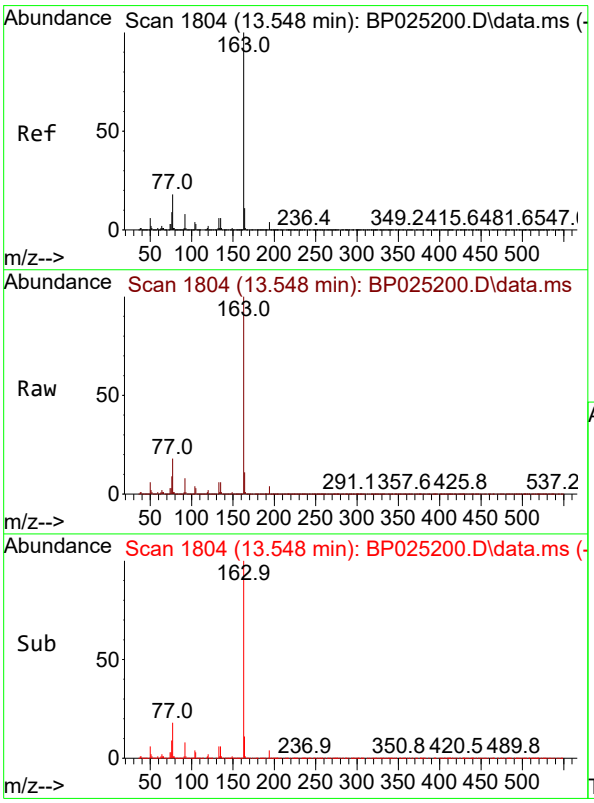
#49
Acenaphthylene
Concen: 38.510 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 6871857

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.2	10.6	15.8

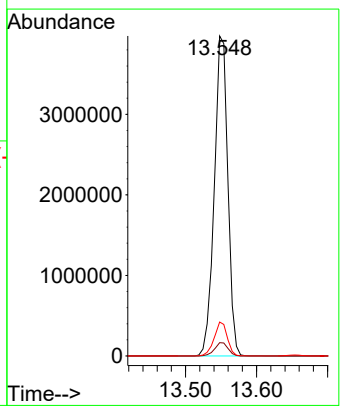


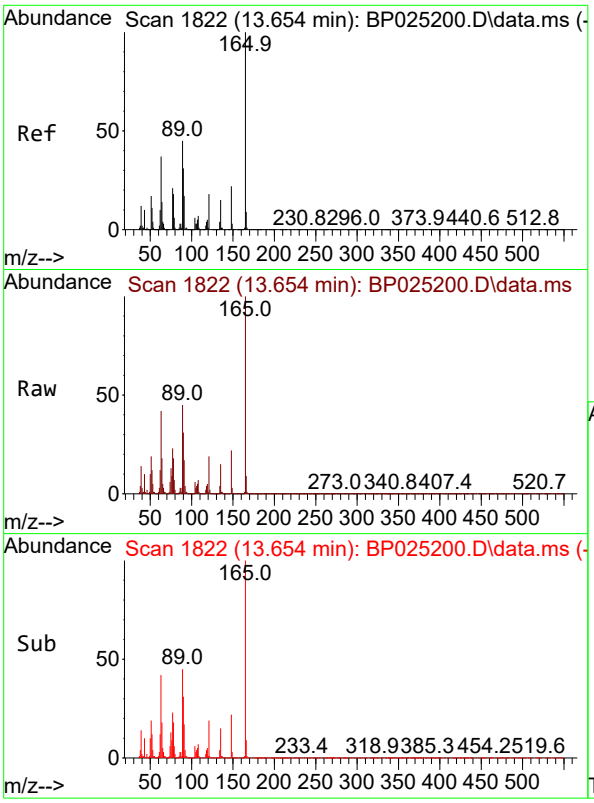


#50
Dimethylphthalate
Concen: 37.775 ng
RT: 13.548 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:163 Resp: 5235471

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.6	8.5	12.7



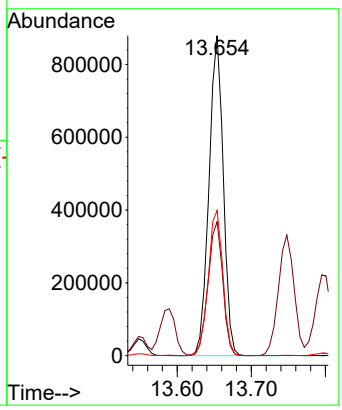


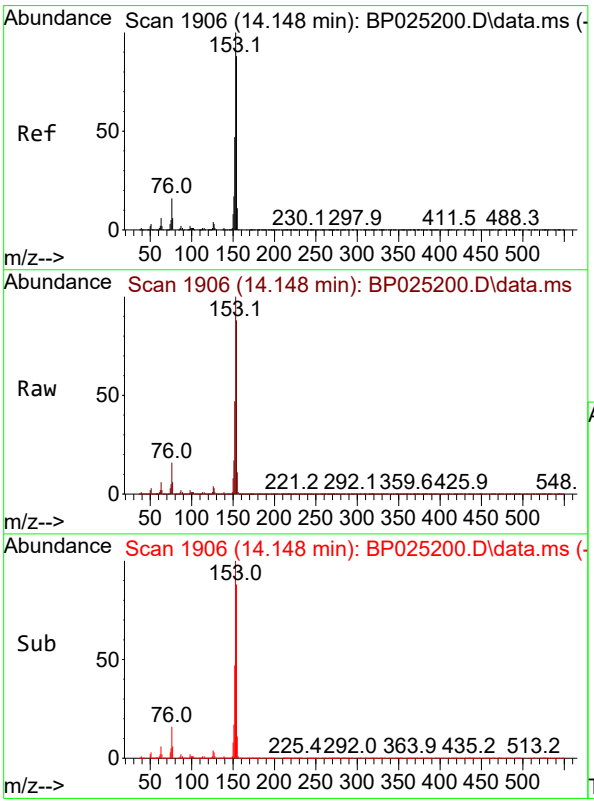
#51
2,6-Dinitrotoluene
Concen: 40.101 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 1176482

Ion	Ratio	Lower	Upper
165	100		
63	41.8	33.4	50.2
89	45.4	36.3	54.5

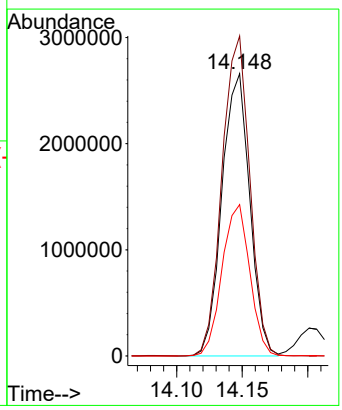


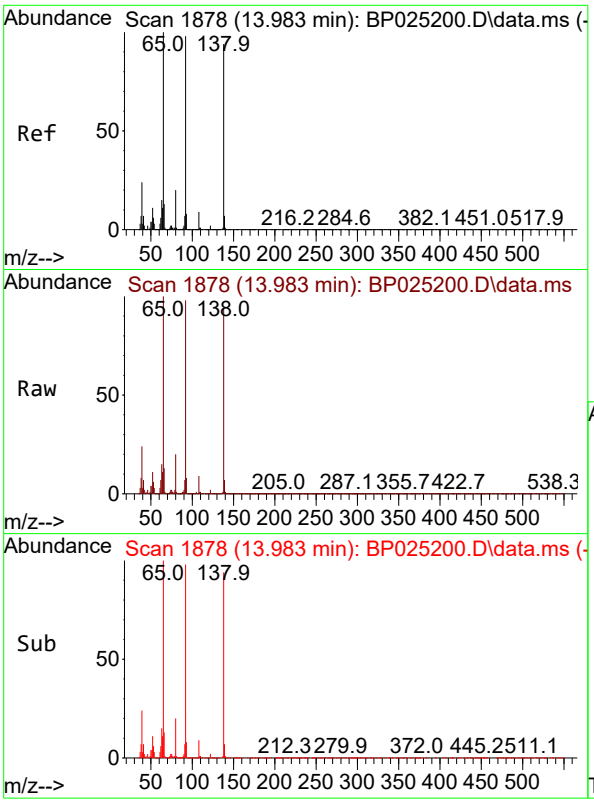


#52
Acenaphthene
Concen: 38.081 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:154 Resp: 3914560

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.7	136.1
152	53.6	42.9	64.3



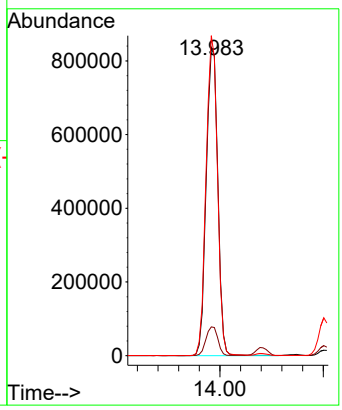


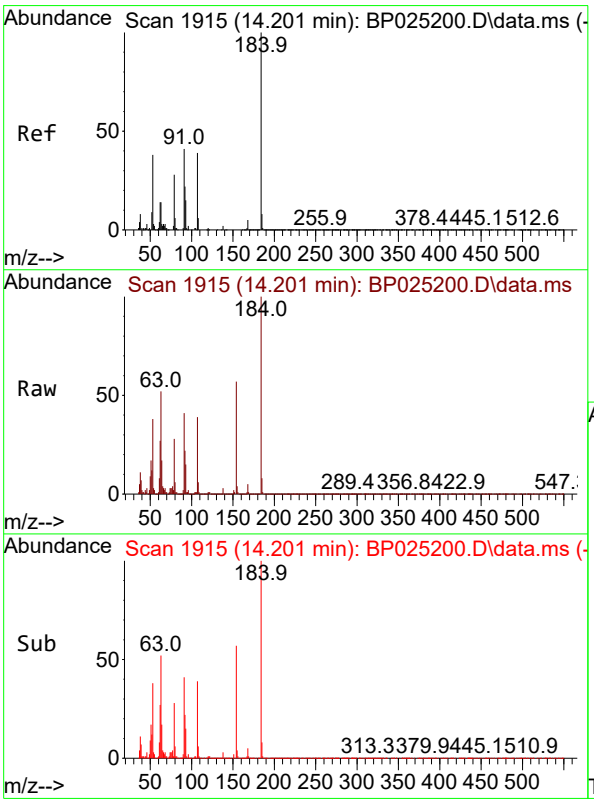
#53
3-Nitroaniline
Concen: 39.219 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 1298241

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.5	11.3
92	104.0	83.2	124.8

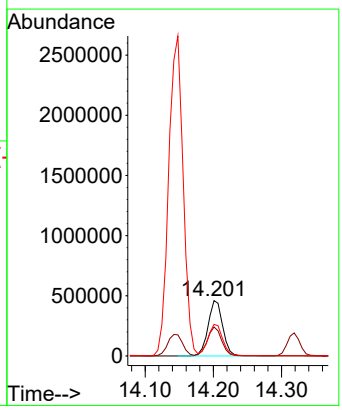


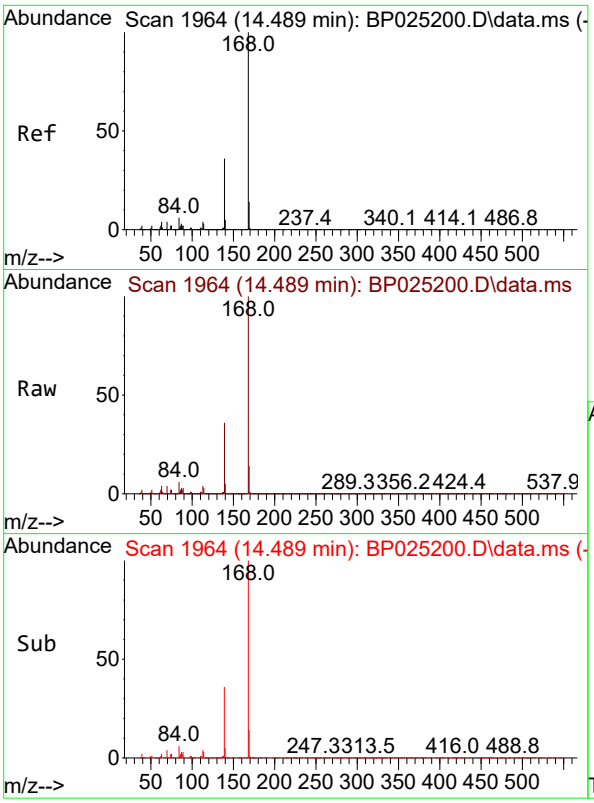


#54
2,4-Dinitrophenol
Concen: 41.732 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:184 Resp: 686084

Ion	Ratio	Lower	Upper
184	100		
63	52.3	41.8	62.8
154	57.1	45.7	68.5



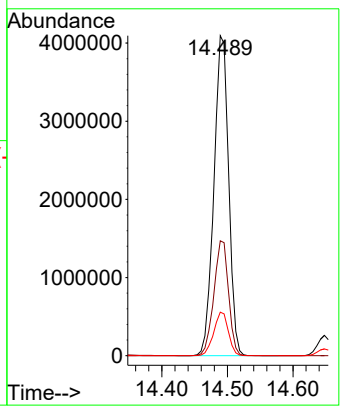


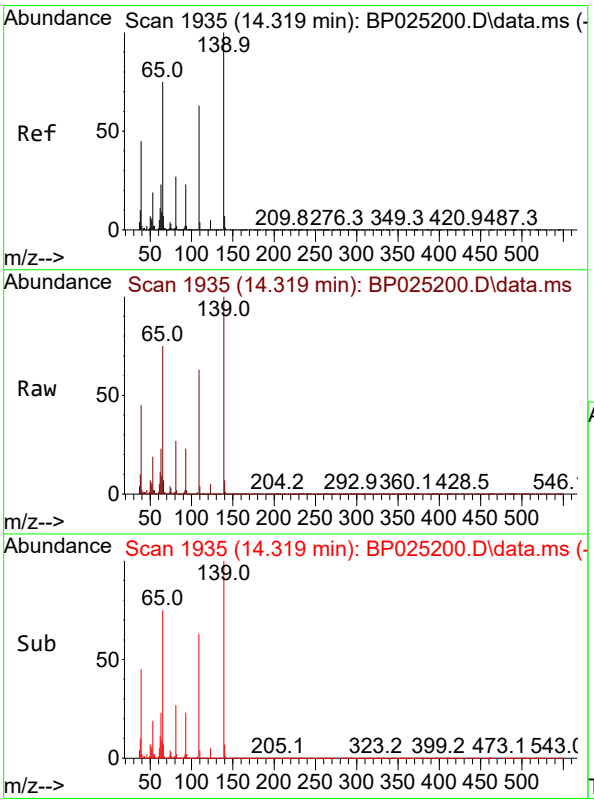
#55
Dibenzofuran
Concen: 38.268 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 6369097

Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.7	43.1
169	13.6	10.9	16.3

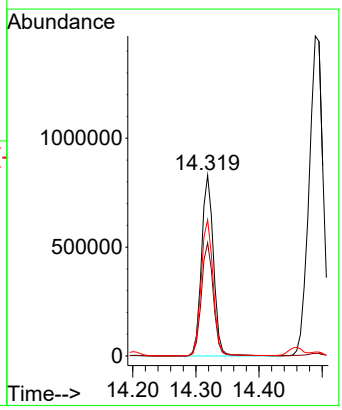


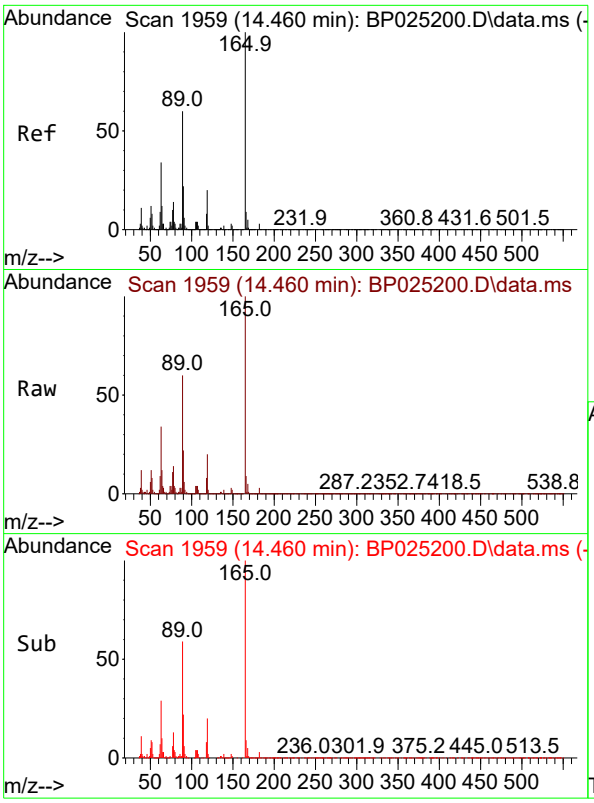


#56
4-Nitrophenol
Concen: 38.906 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:139 Resp: 1097489

Ion	Ratio	Lower	Upper
139	100		
109	62.6	42.6	82.6
65	75.4	55.4	95.4



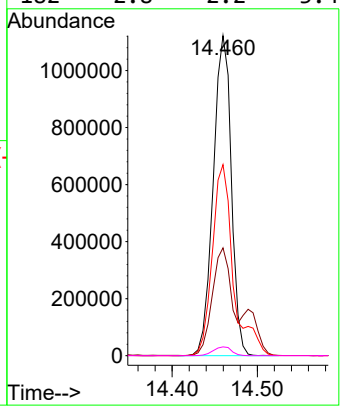


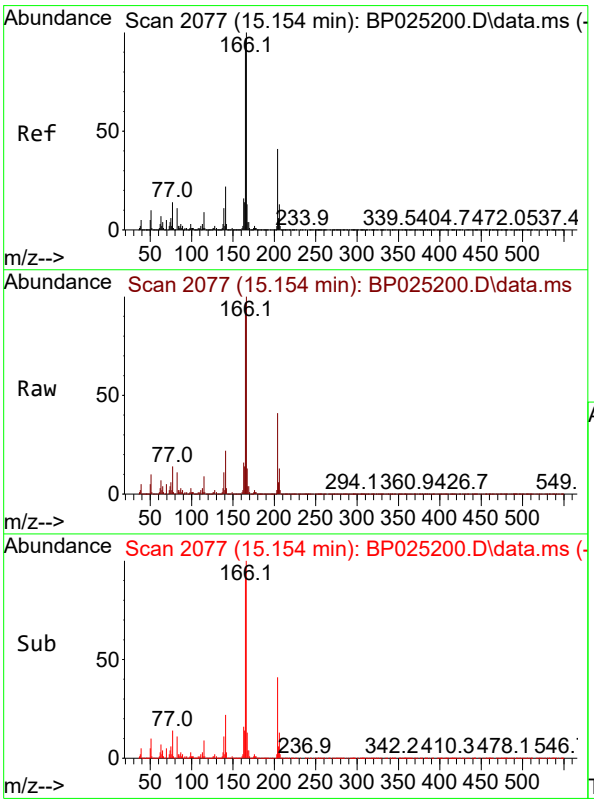
#57
2,4-Dinitrotoluene
Concen: 40.384 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 1650569

Ion	Ratio	Lower	Upper
165	100		
63	33.7	27.0	40.4
89	59.7	47.8	71.6
182	2.8	2.2	3.4

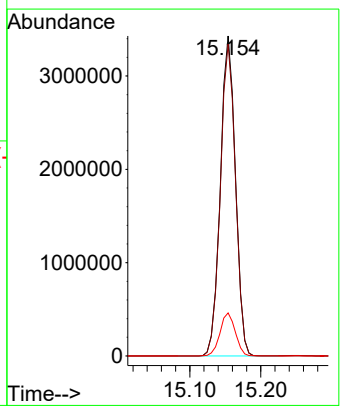


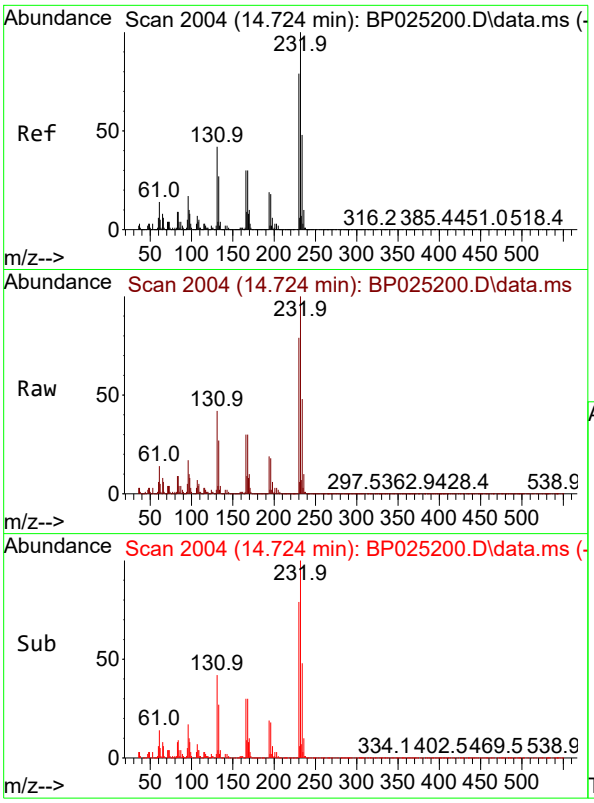


#58
Fluorene
Concen: 37.965 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:166 Resp: 5039793

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	13.4	10.7	16.1



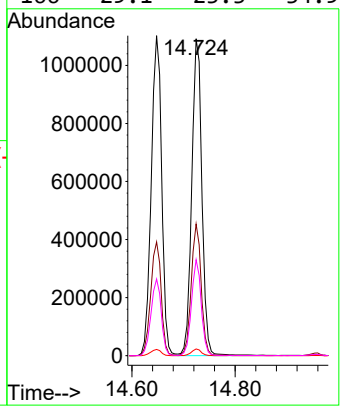


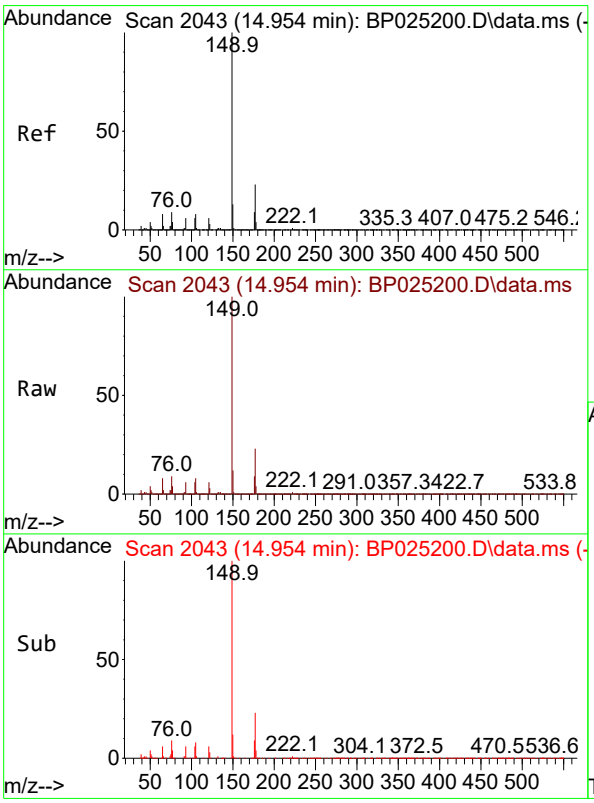
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.155 ng
RT: 14.724 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 1484995

Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.6	48.8
130	2.0	1.6	2.4
166	29.1	23.3	34.9

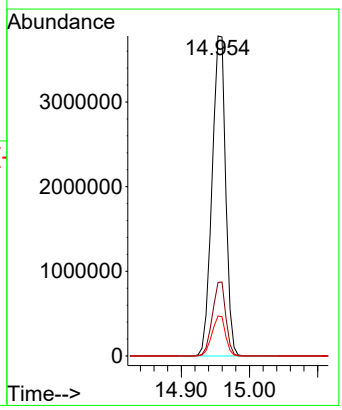


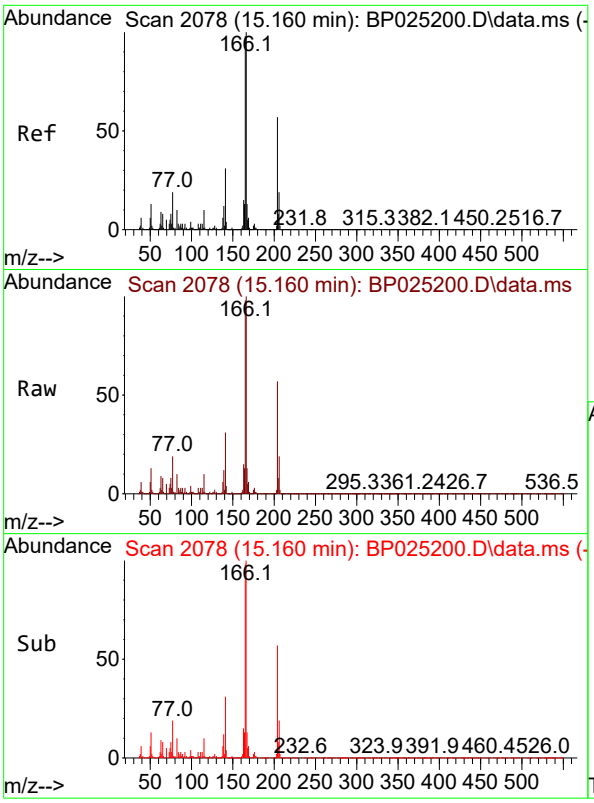


#60
Diethylphthalate
Concen: 38.266 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 5240206

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.4	27.6
150	12.5	10.0	15.0



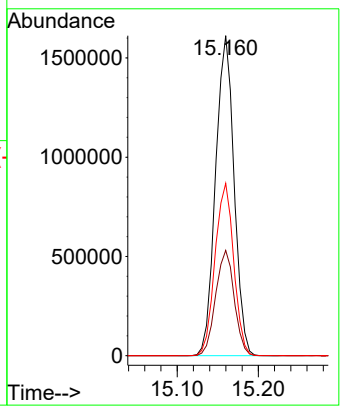


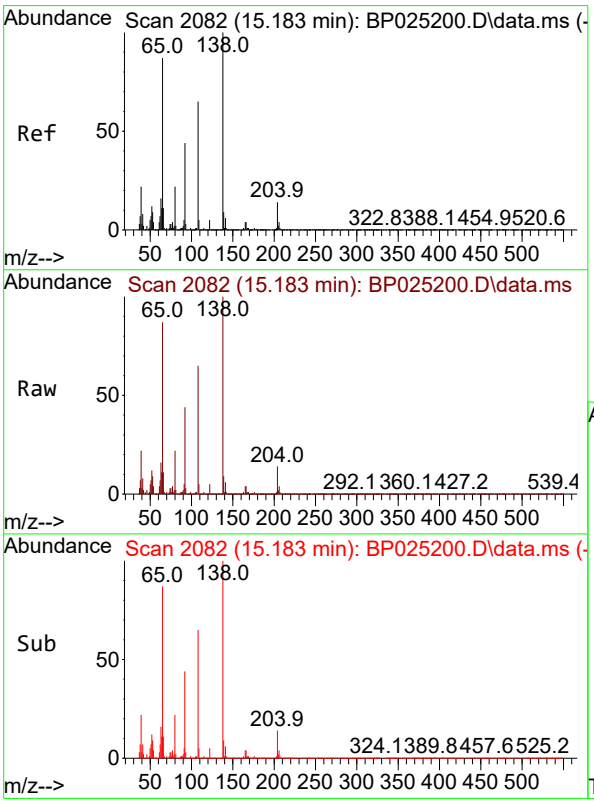
#61
4-Chlorophenyl-phenylether
Concen: 38.212 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 2556797

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	53.8	43.0	64.6

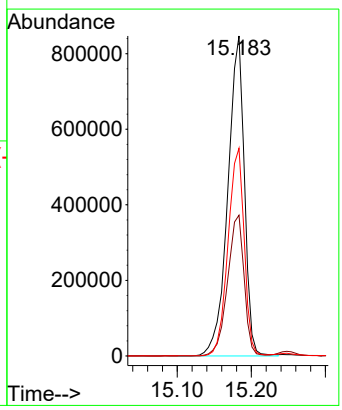


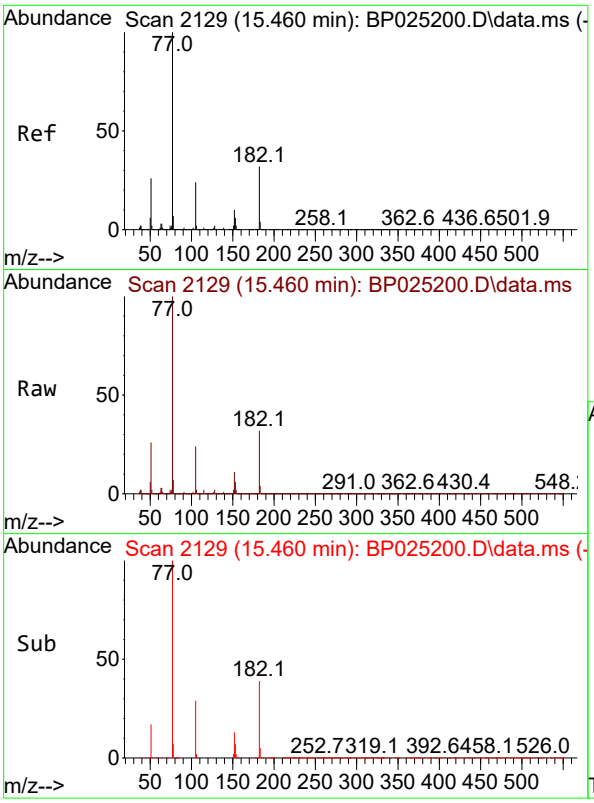


#62
4-Nitroaniline
Concen: 39.018 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:138 Resp: 1316167

Ion	Ratio	Lower	Upper
138	100		
92	44.0	24.0	64.0
108	64.9	44.9	84.9



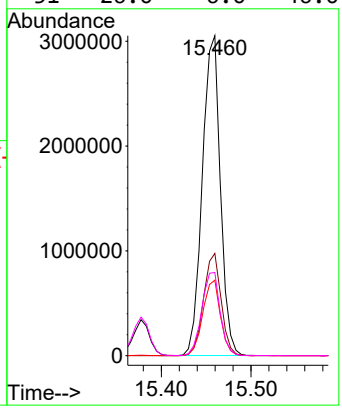


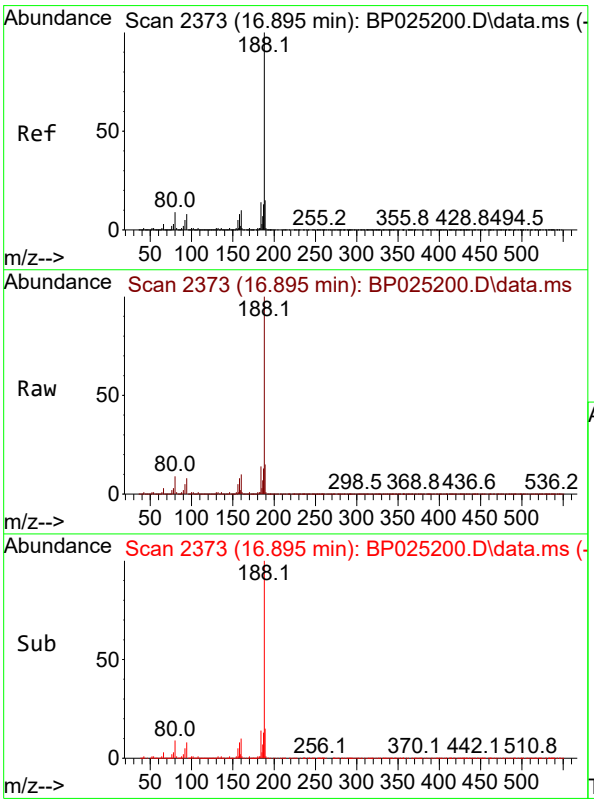
#63
Azobenzene
Concen: 38.711 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 4258175

Ion	Ratio	Lower	Upper
77	100		
182	32.0	12.0	52.0
105	23.6	3.6	43.6
51	26.0	6.0	46.0

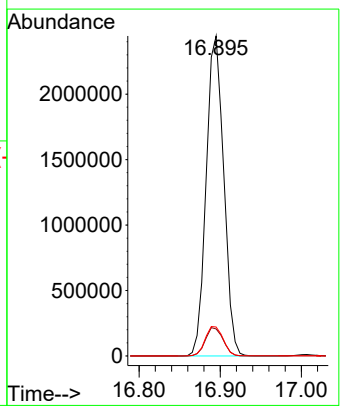


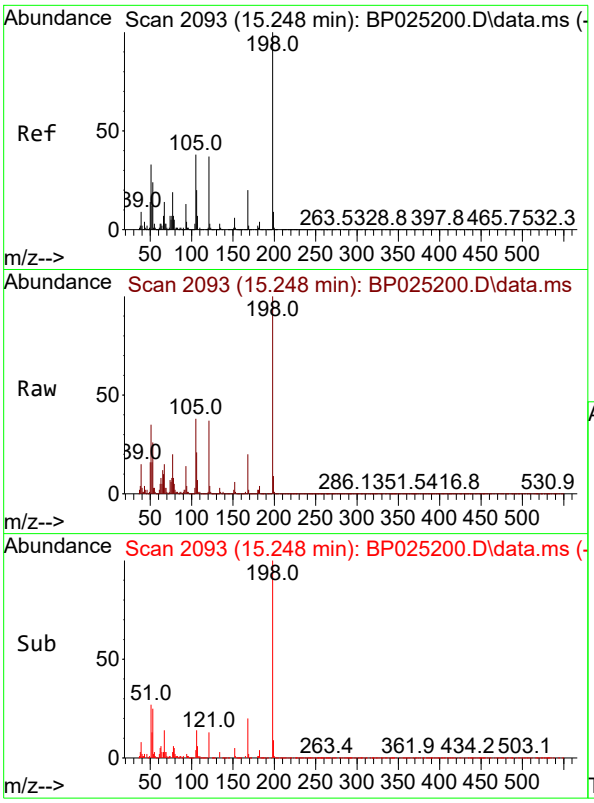


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:188 Resp: 3663221

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.3	10.9



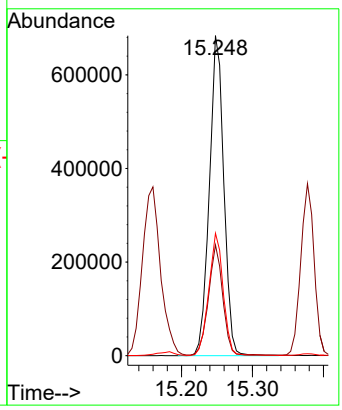


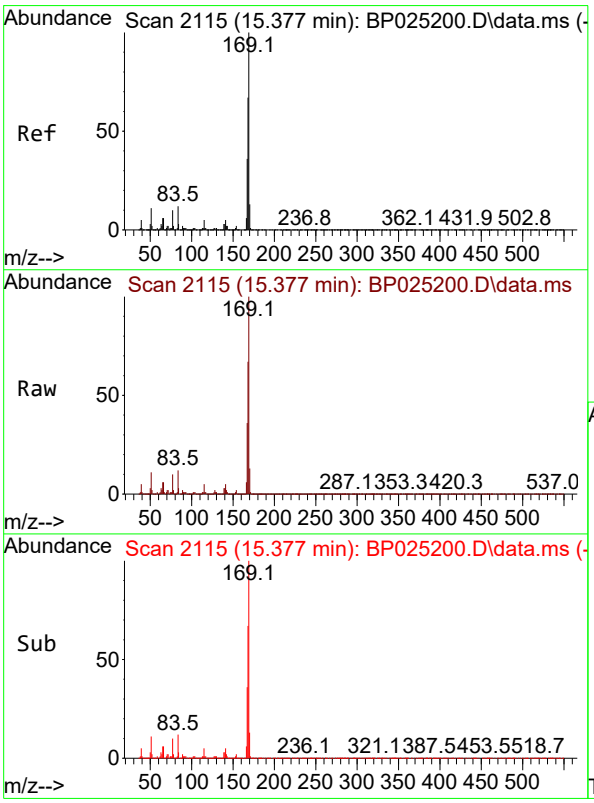
#65
4,6-Dinitro-2-methylphenol
Concen: 42.156 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 966776

Ion	Ratio	Lower	Upper
198	100		
51	34.6	14.6	54.6
105	38.3	18.3	58.3

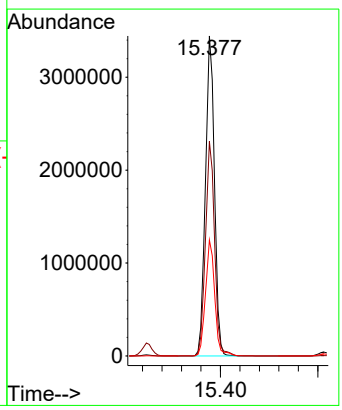


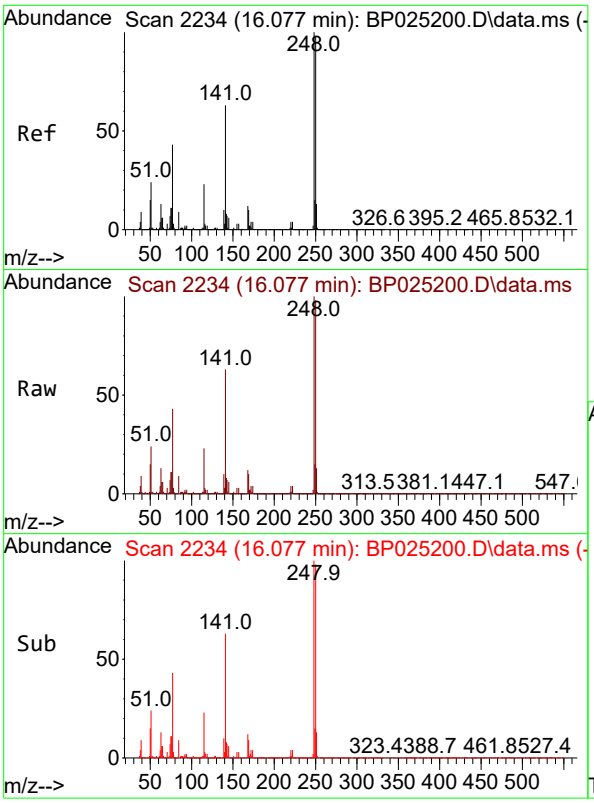


#66
n-Nitrosodiphenylamine
Concen: 38.582 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:169 Resp: 4401660

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.7	80.5
167	36.3	29.0	43.6



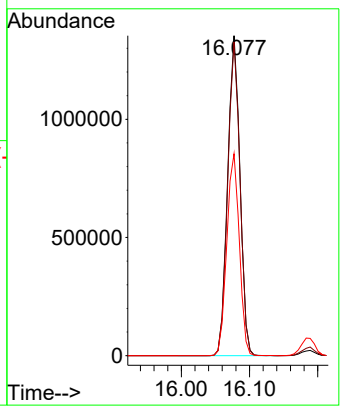


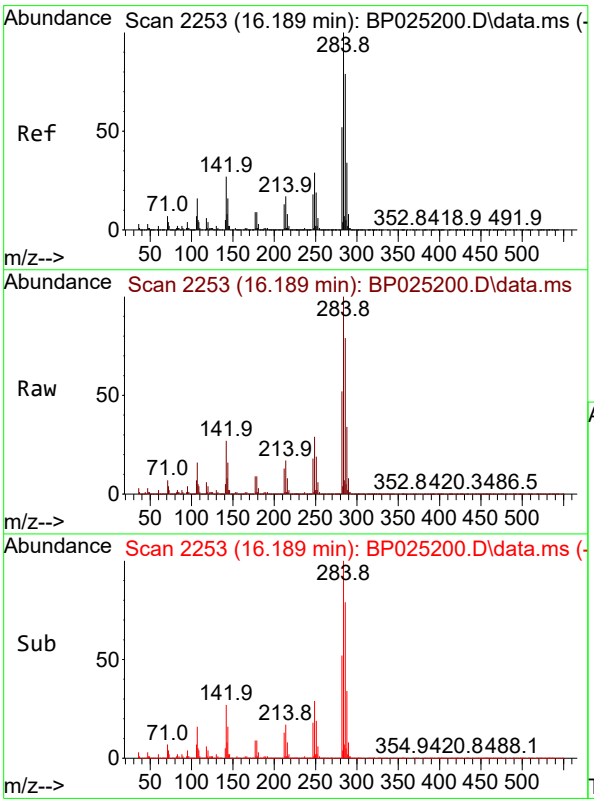
#67
4-Bromophenyl-phenylether
Concen: 39.475 ng
RT: 16.077 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 1704976

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.5	117.7
141	63.1	50.5	75.7

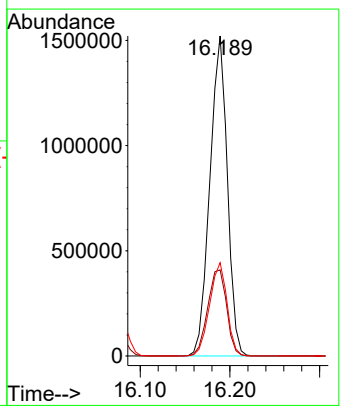


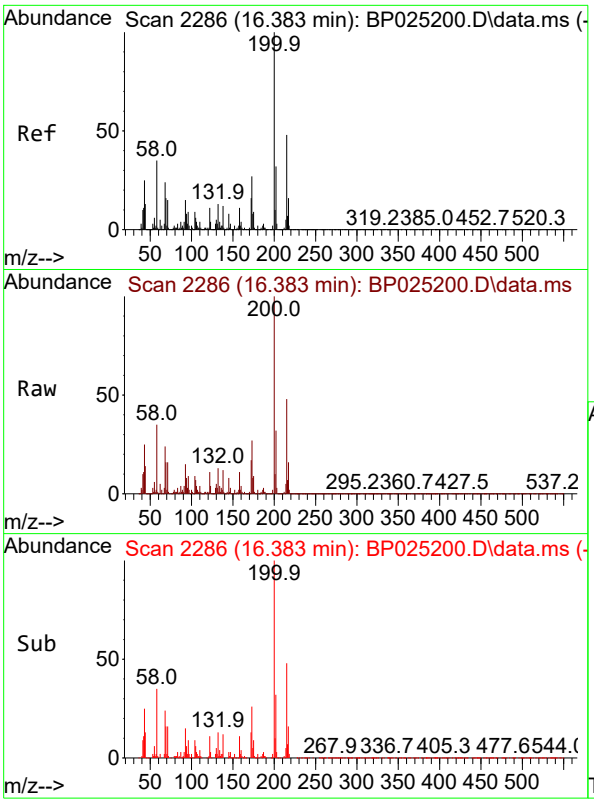


#68
Hexachlorobenzene
Concen: 39.808 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:284 Resp: 2053102

Ion	Ratio	Lower	Upper
284	100		
142	26.9	21.5	32.3
249	29.2	23.4	35.0



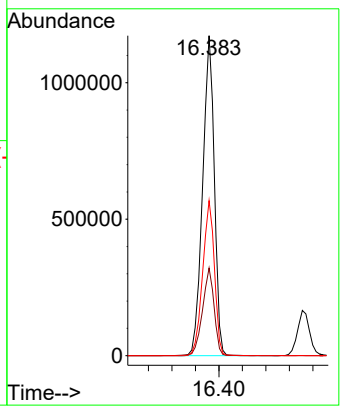


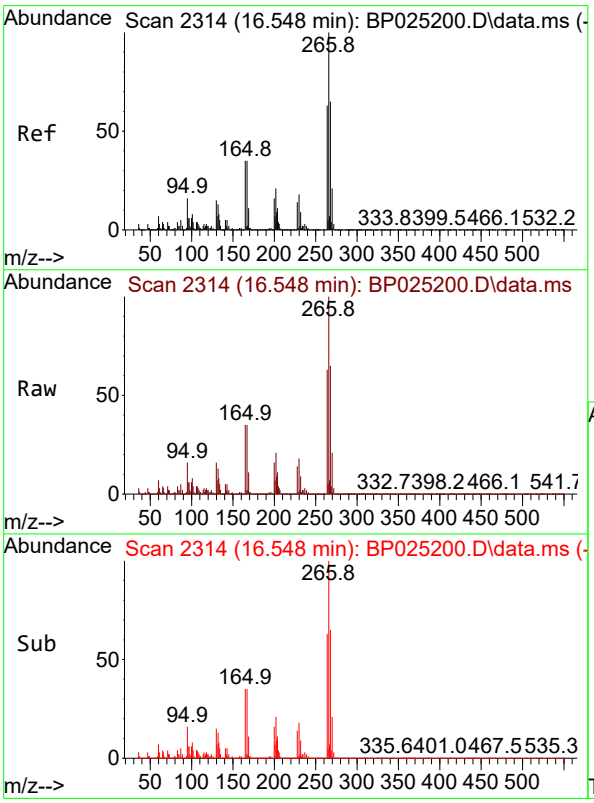
#69
Atrazine
Concen: 38.894 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 1617356

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.5	28.5	68.5

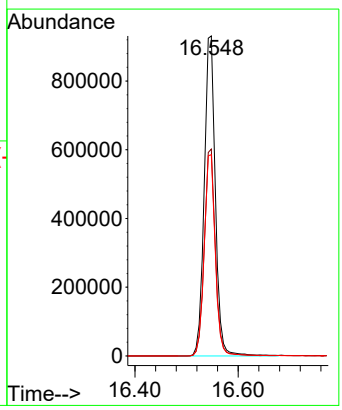


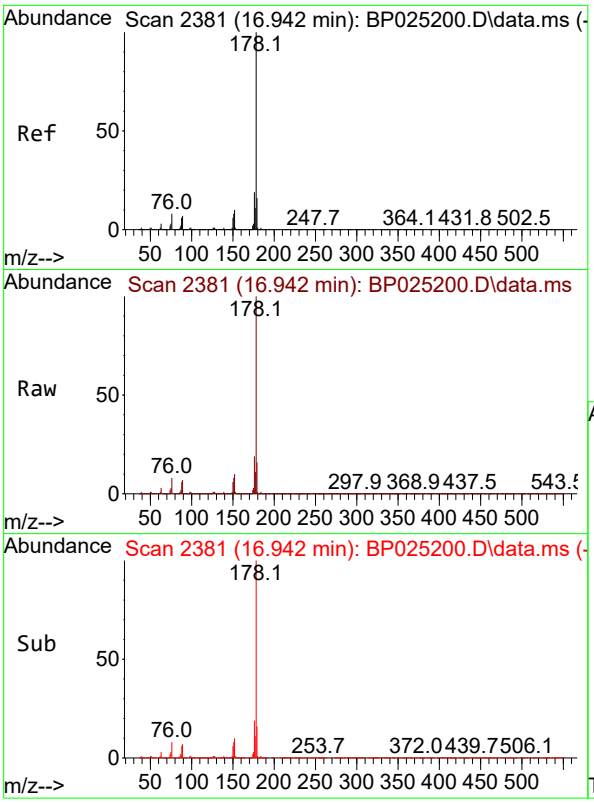


#70
Pentachlorophenol
Concen: 40.516 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:266 Resp: 1390894

Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.8	77.6
264	62.9	50.3	75.5



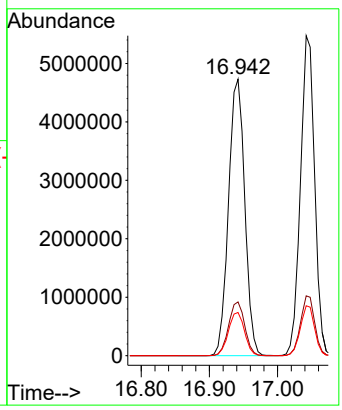


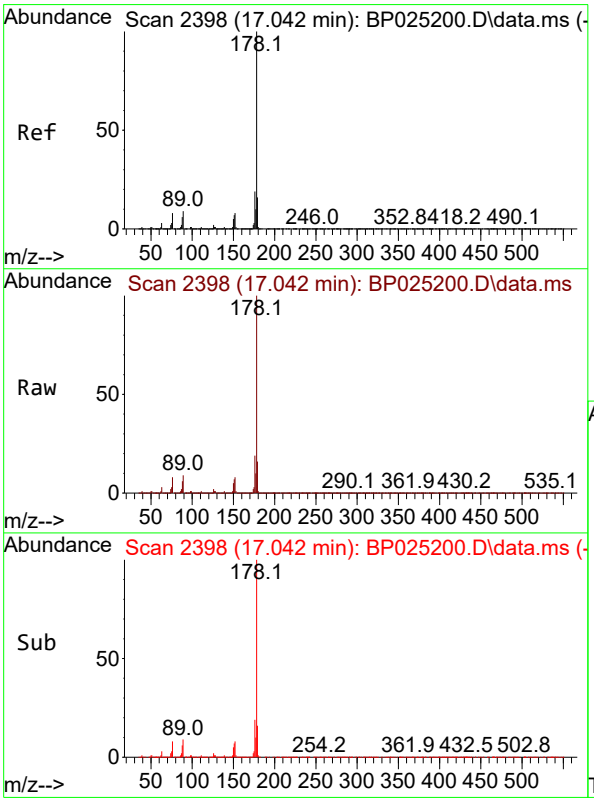
#71
Phenanthrene
Concen: 38.421 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 7842294

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.5	18.7

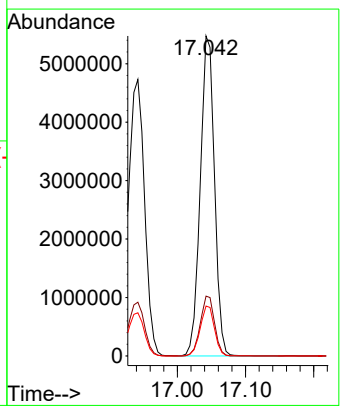


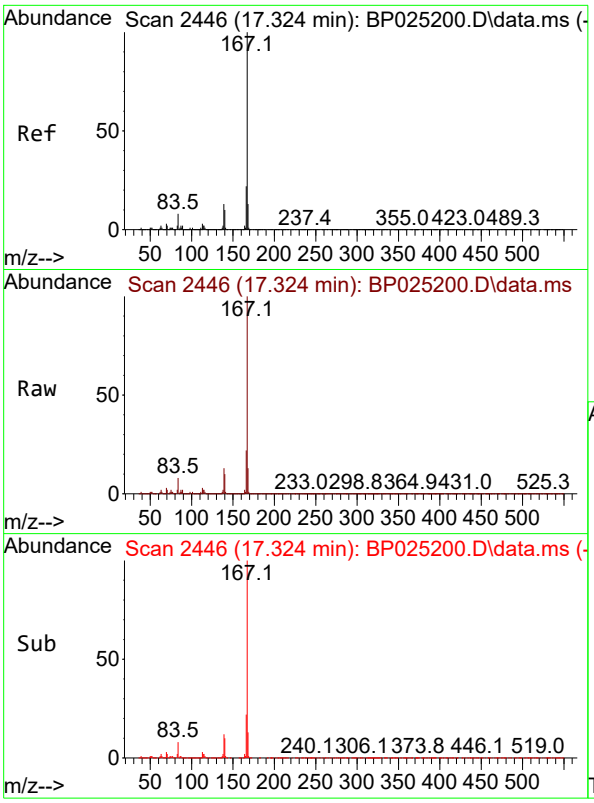


#72
Anthracene
Concen: 38.301 ng
RT: 17.042 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:178 Resp: 7936213

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7



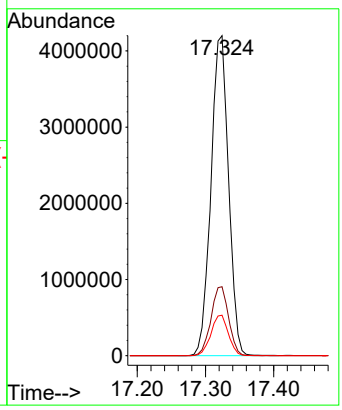


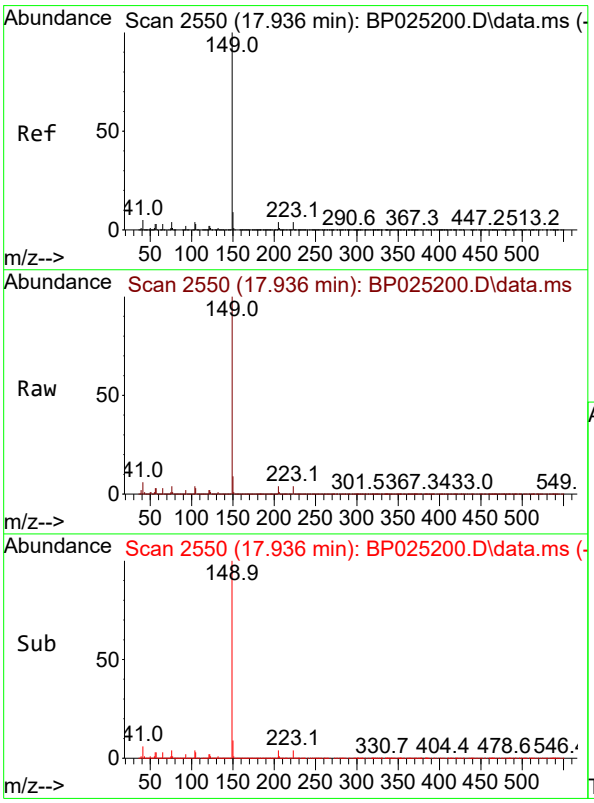
#73
Carbazole
Concen: 38.250 ng
RT: 17.324 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 7541201

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.6	10.1	15.1

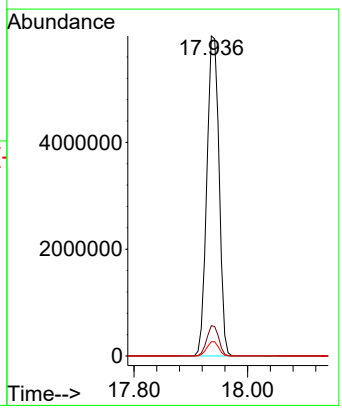


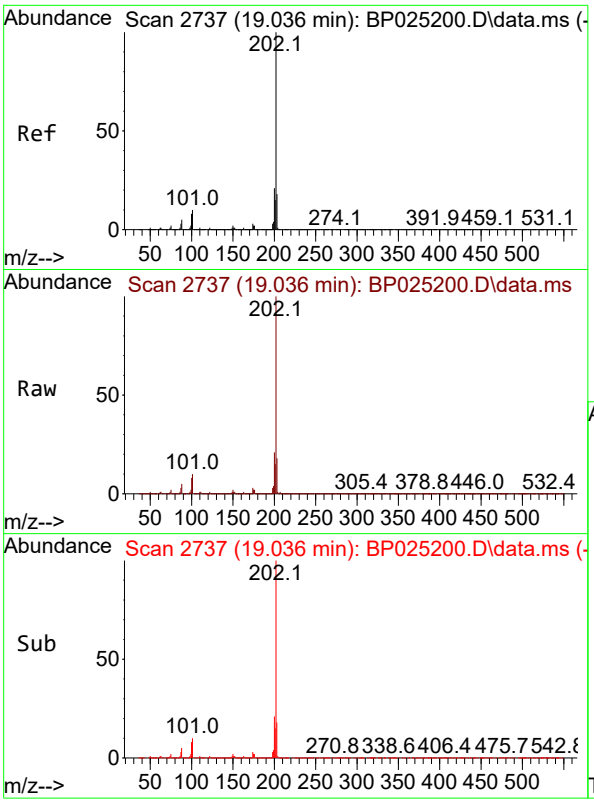


#74
Di-n-butylphthalate
Concen: 38.374 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 8871376

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.4	3.5	5.3



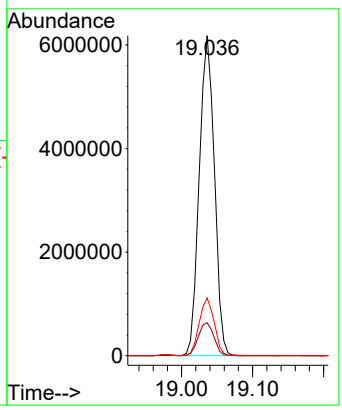


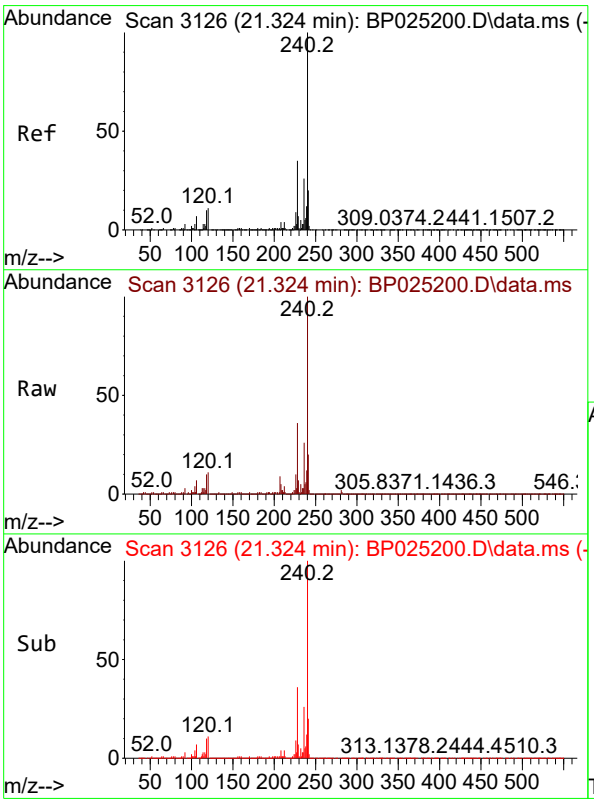
#75
Fluoranthene
Concen: 38.012 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 9173742

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
203	18.0	0.0	38.0

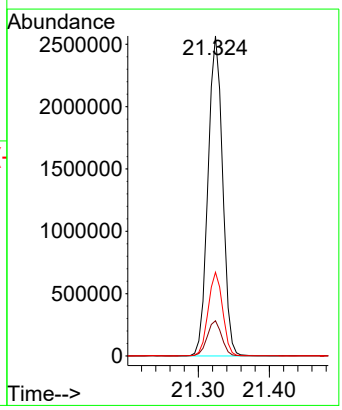


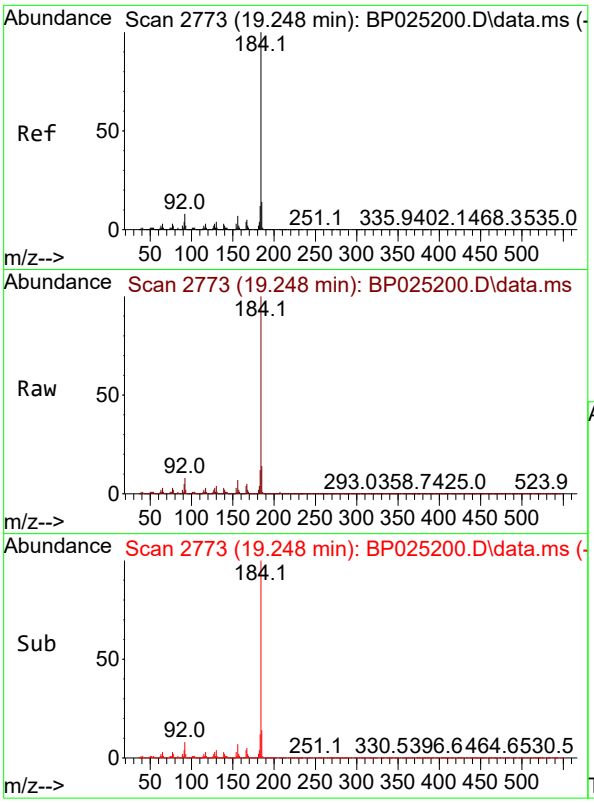


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:240 Resp: 3679412

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	26.1	20.9	31.3



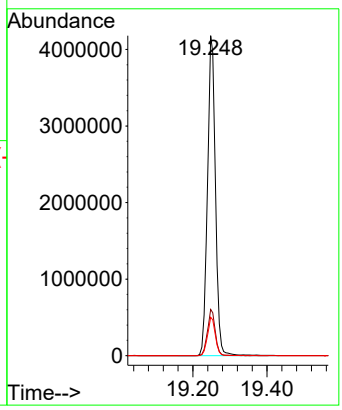


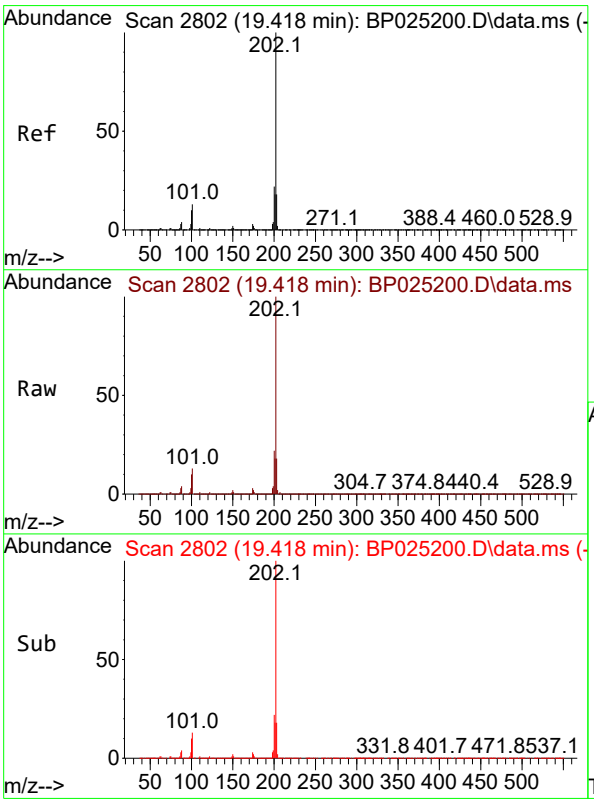
#77
Benzidine
Concen: 44.306 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 6227248

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	12.0	9.6	14.4

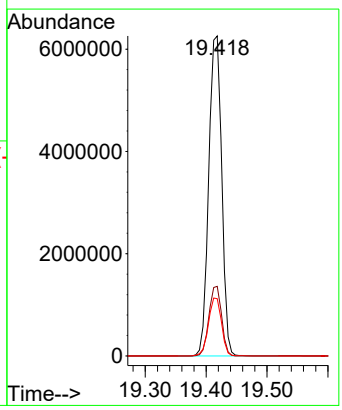


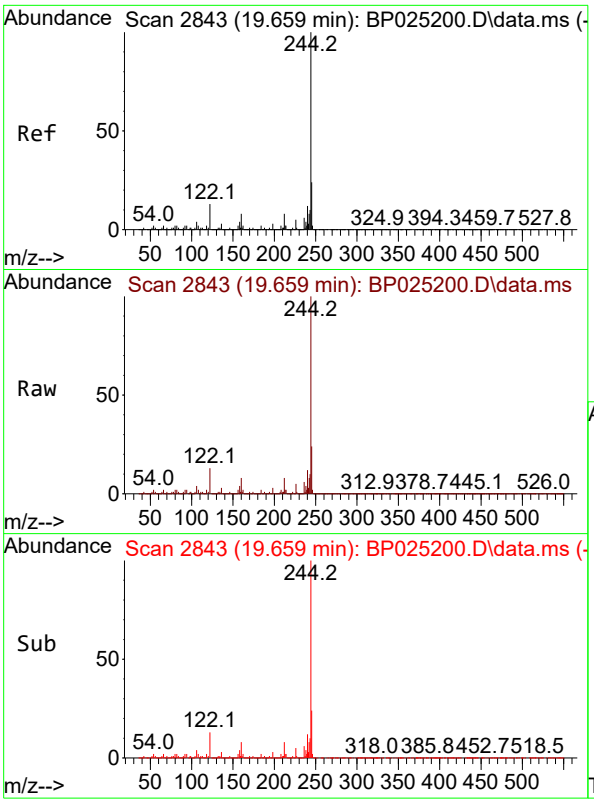


#78
Pyrene
Concen: 39.587 ng
RT: 19.418 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:202 Resp: 9256689

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5



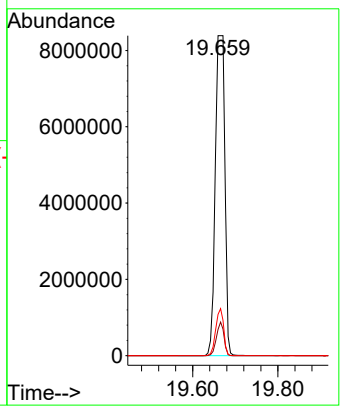


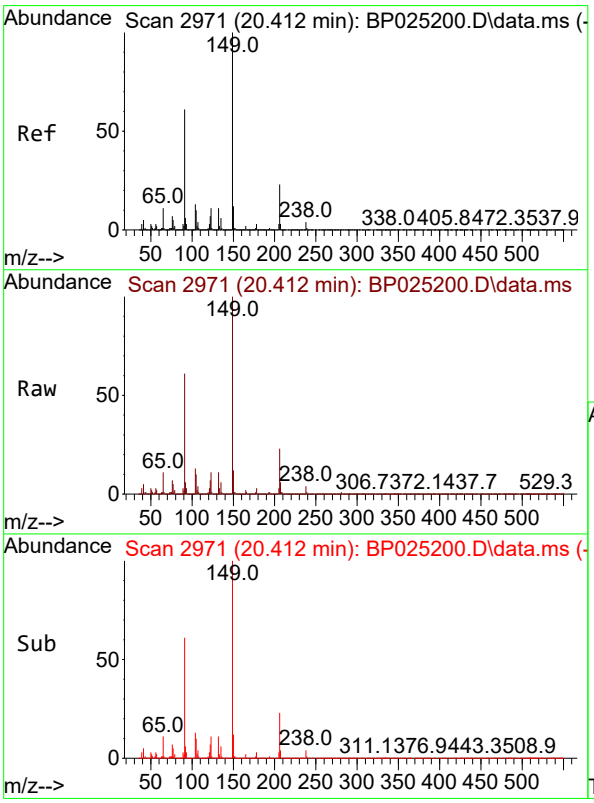
#79
Terphenyl-d14
Concen: 66.511 ng
RT: 19.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp:13104058

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	12.9	10.3	15.5

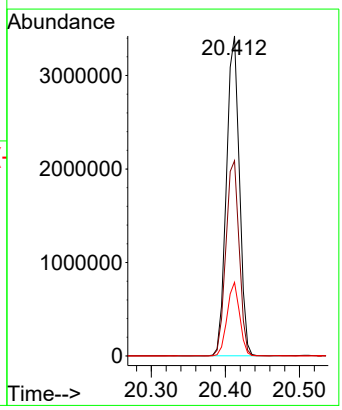


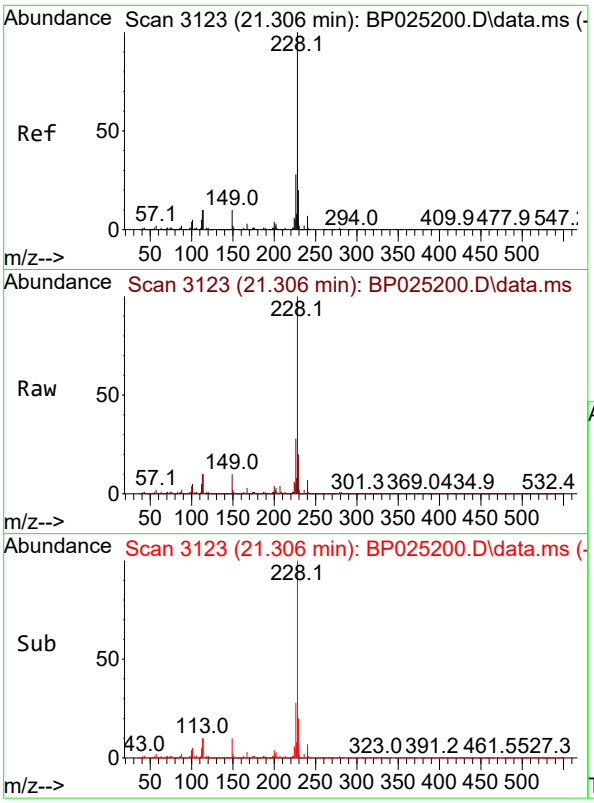


#80
Butylbenzylphthalate
Concen: 40.211 ng
RT: 20.412 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 4149304

Ion	Ratio	Lower	Upper
149	100		
91	61.0	48.8	73.2
206	23.0	18.4	27.6



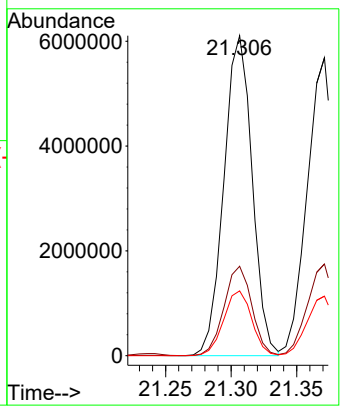


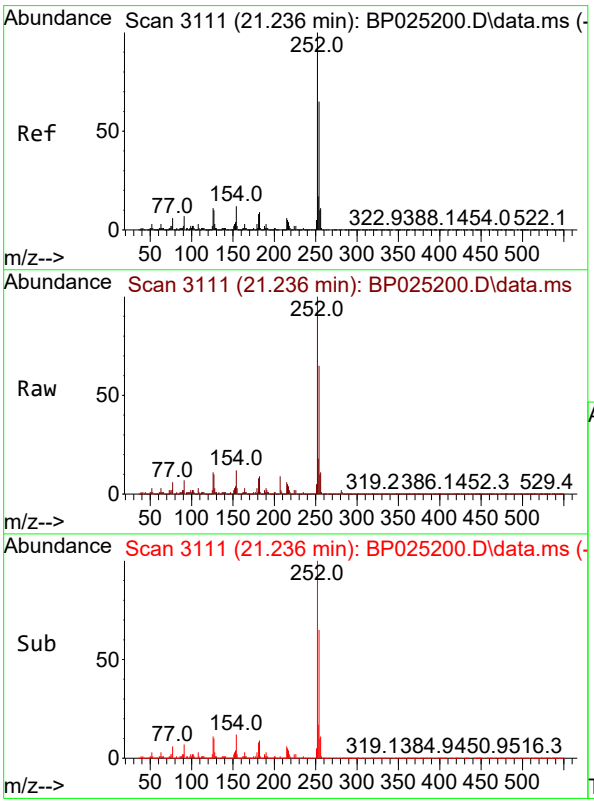
#81
Benzo(a)anthracene
Concen: 38.246 ng
RT: 21.306 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 9153419

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.2	16.2	24.2

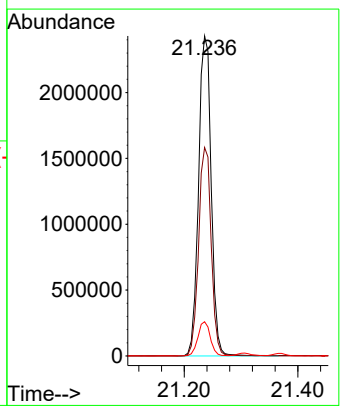


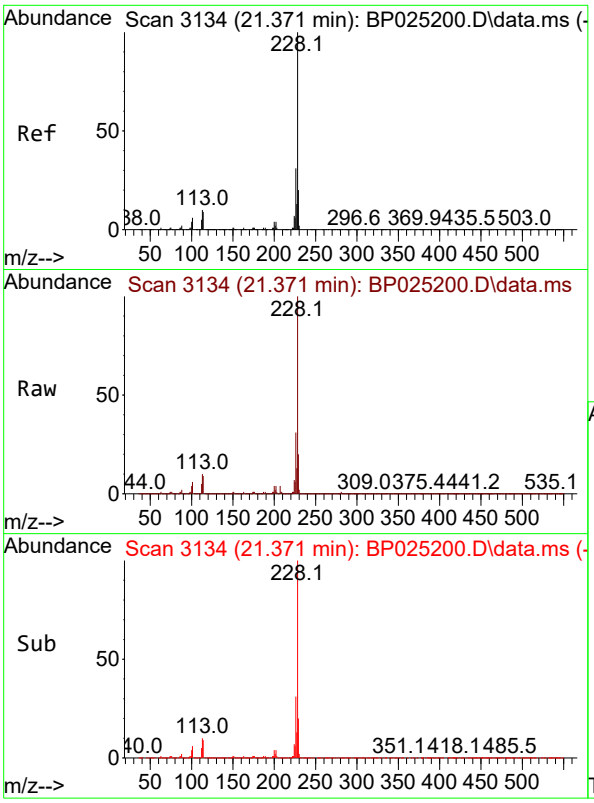


#82
3,3'-Dichlorobenzidine
Concen: 38.181 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 3746897

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.7	8.6	12.8



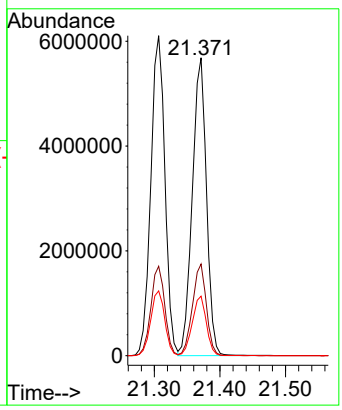


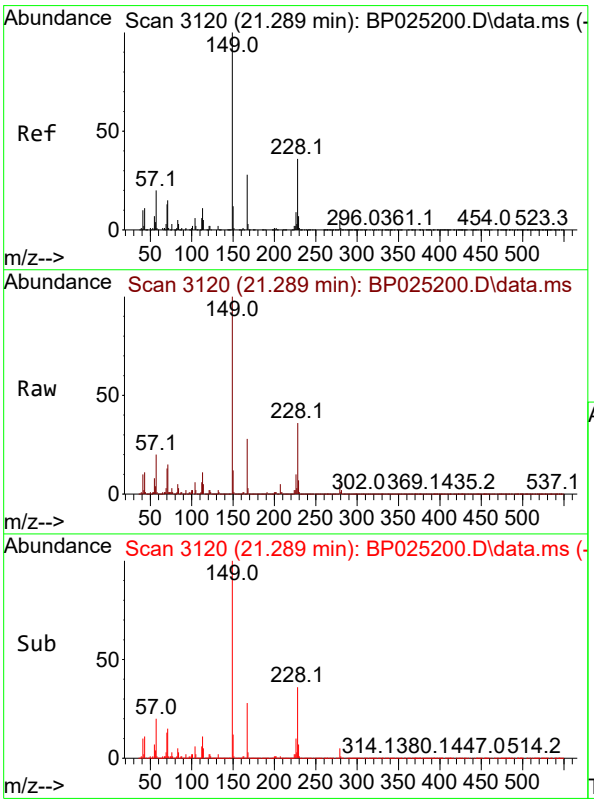
#83
Chrysene
Concen: 38.208 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 8527648

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.0	16.0	24.0

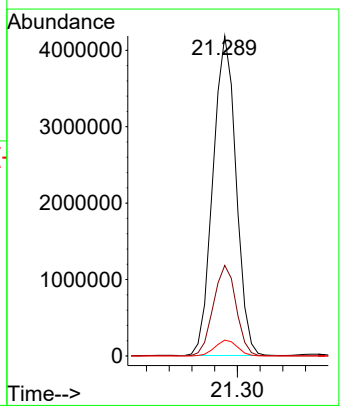


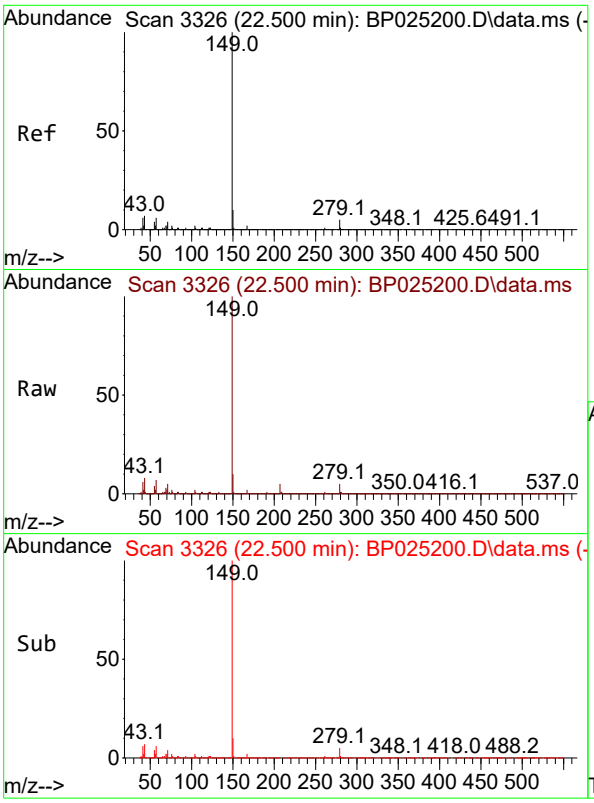


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.227 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 5901118

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.0	4.0	6.0



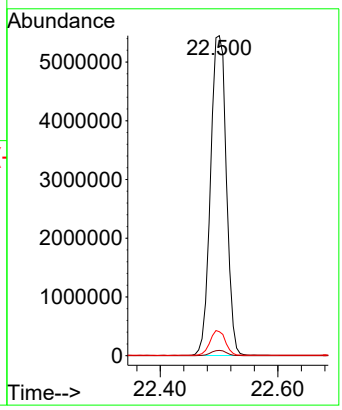


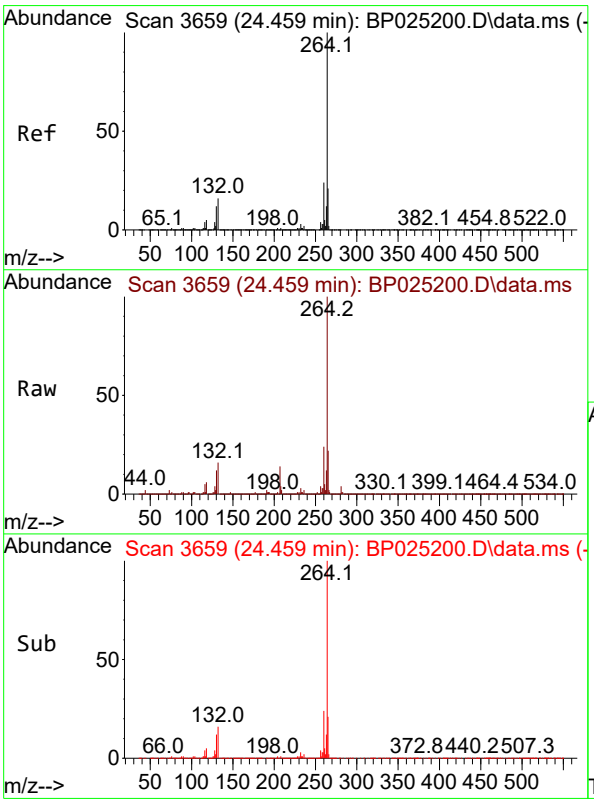
#85
Di-n-octyl phthalate
Concen: 38.831 ng
RT: 22.500 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp:10181858

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.1	9.1

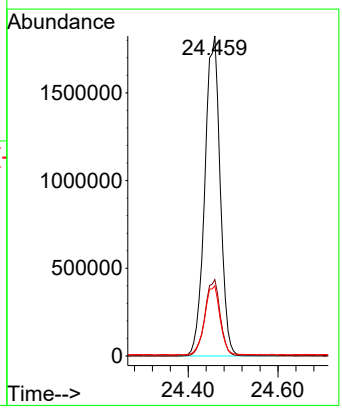


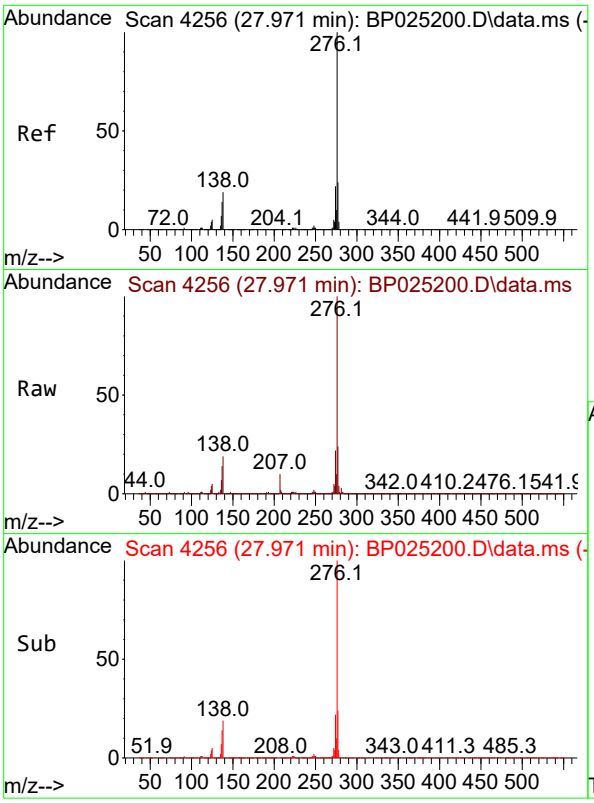


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:264 Resp: 4344624

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.9	17.5	26.3



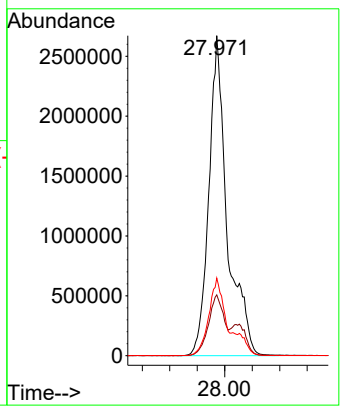


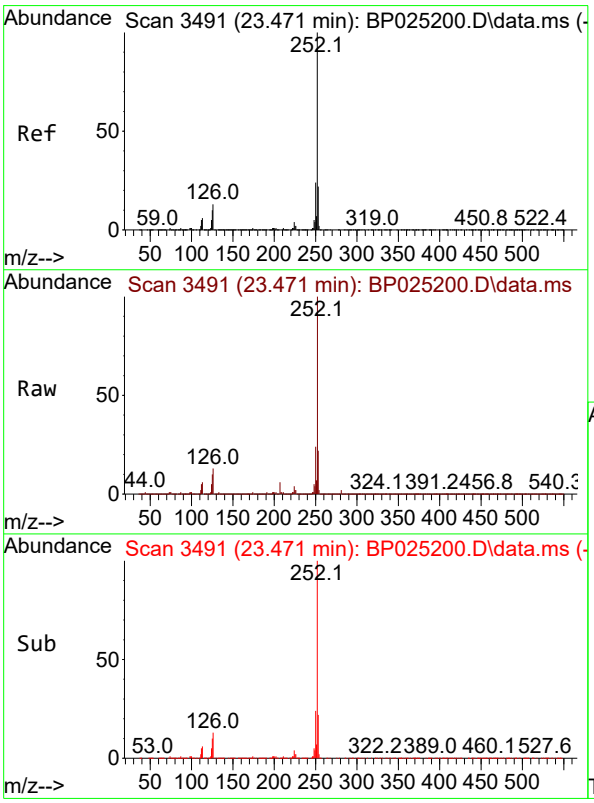
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.803 ng
RT: 27.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp:12392600

Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.8	19.2
277	25.4	20.3	30.5

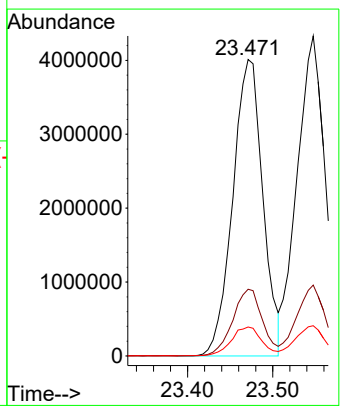


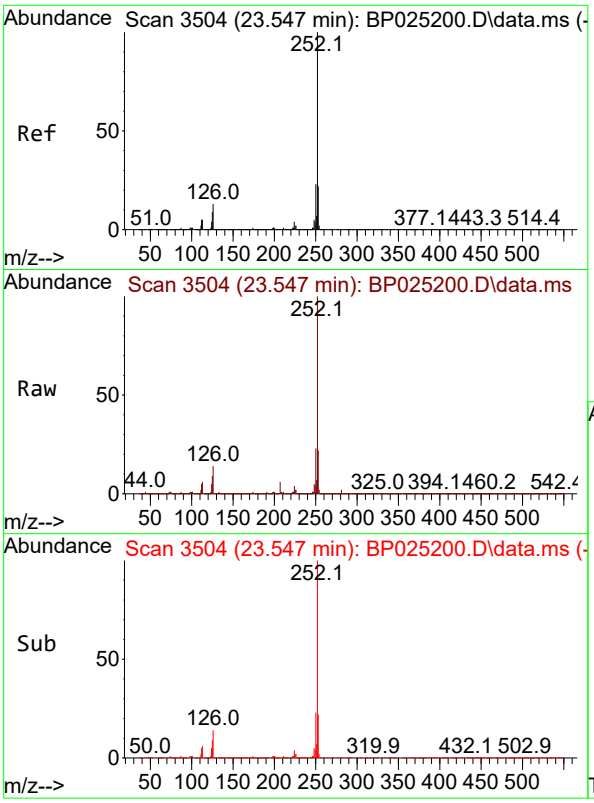


#88
Benzo(b)fluoranthene
Concen: 38.806 ng
RT: 23.471 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 9832372

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.8	7.8	11.8



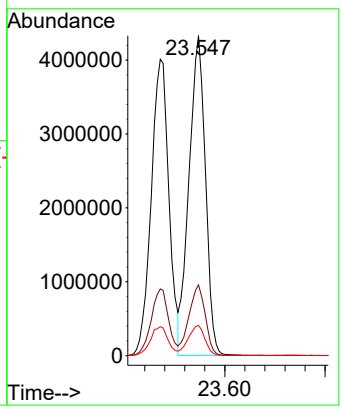


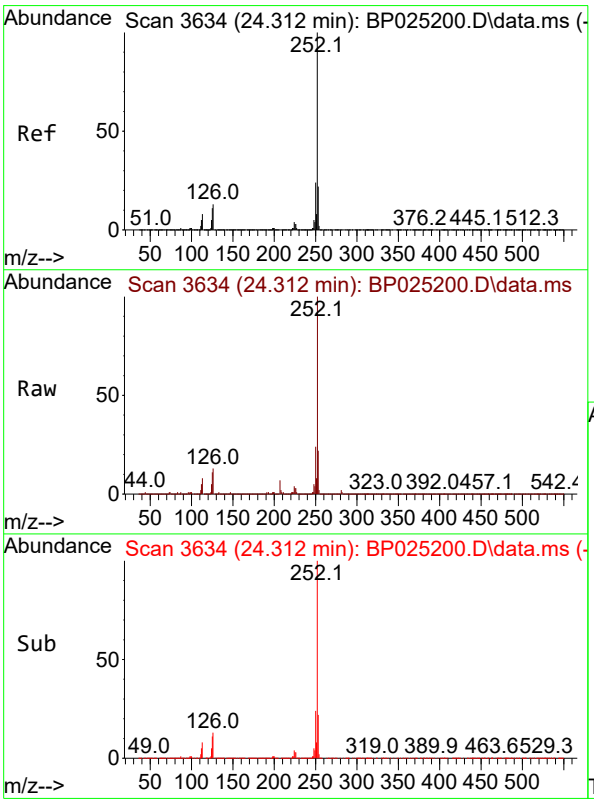
#89
Benzo(k)fluoranthene
Concen: 39.154 ng
RT: 23.547 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 9849710

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.4	7.5	11.3

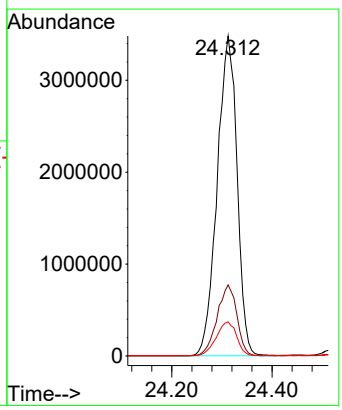


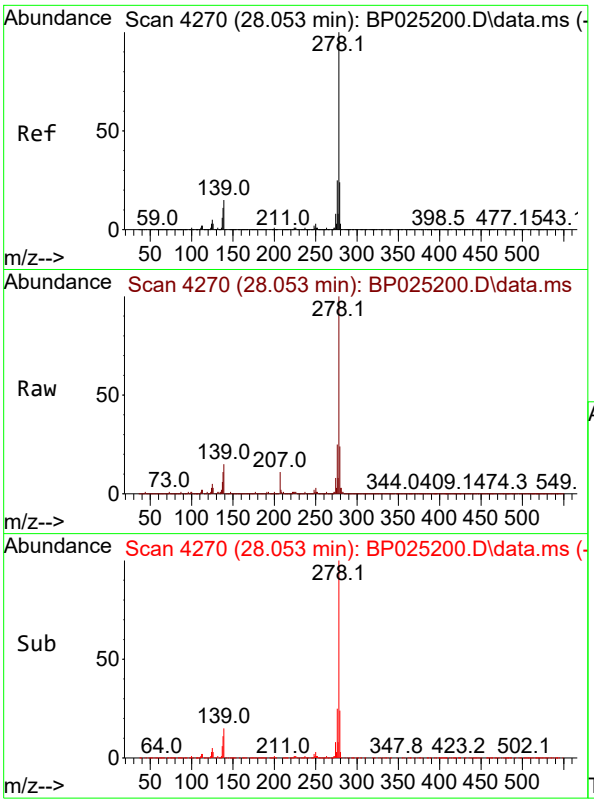


#90
Benzo(a)pyrene
Concen: 38.984 ng
RT: 24.312 min Scan# 3634
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 9588064

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.7	8.6	12.8



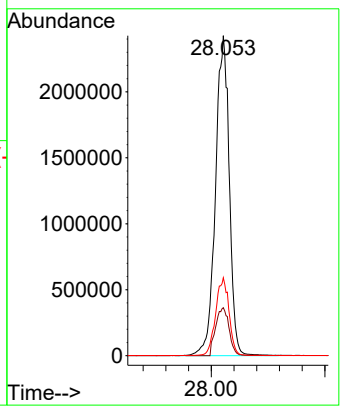


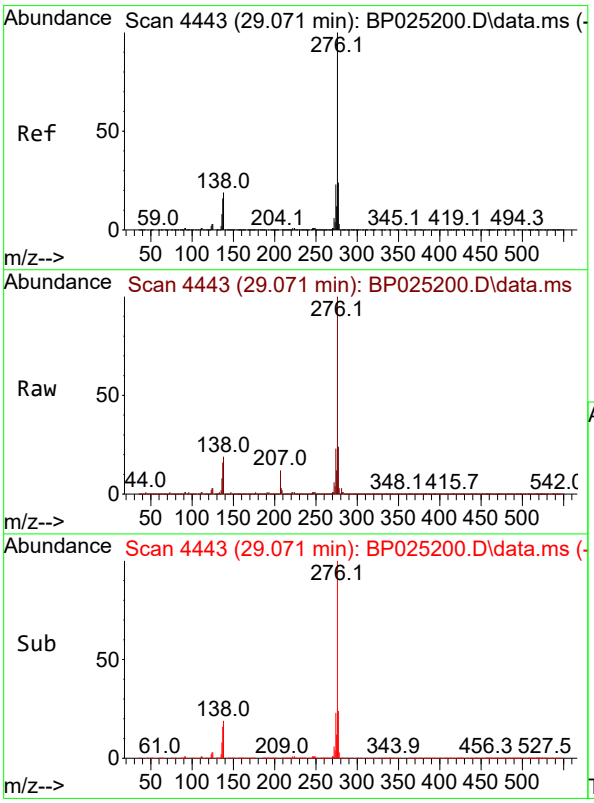
#91
Dibenzo(a,h)anthracene
Concen: 38.996 ng
RT: 28.053 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp:10213563

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	24.4	19.5	29.3

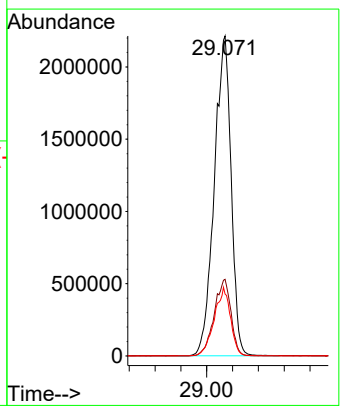




#92
Benzo(g,h,i)perylene
Concen: 38.952 ng
RT: 29.071 min Scan# 4443
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:276 Resp: 9993377

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	19.3	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	613538	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	2516404	20.000	ng		0.00
39) Acenaphthene-d10	14.072	164	1604001	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	3210937	20.000	ng		0.00
76) Chrysene-d12	21.330	240	3337112	20.000	ng		0.00
86) Perylene-d12	24.465	264	3976559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	3807103	103.663	ng		0.00
7) Phenol-d6	6.637	99	4736983	104.474	ng		0.00
23) Nitrobenzene-d5	8.560	82	4781399	104.177	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	2533319	106.212	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	11917555	98.364	ng		0.00
79) Terphenyl-d14	19.654	244	16139665	90.322	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	713110	51.665	ng		99
3) Pyridine	3.490	79	1930182	52.798	ng		99
4) n-Nitrosodimethylamine	3.408	42	770132	53.378	ng		97
6) Aniline	6.778	93	3124470	52.991	ng		100
8) 2-Chlorophenol	7.008	128	2180013	52.755	ng		99
9) Benzaldehyde	6.596	77	1896798	58.538	ng		99
10) Phenol	6.660	94	2474823	52.755	ng		99
11) bis(2-Chloroethyl)ether	6.878	93	1906690	52.936	ng		100
12) 1,3-Dichlorobenzene	7.325	146	2422569	51.674	ng		99
13) 1,4-Dichlorobenzene	7.466	146	2458987	51.975	ng		99
14) 1,2-Dichlorobenzene	7.772	146	2365873	52.043	ng		99
15) Benzyl Alcohol	7.666	79	1722446	52.999	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	2446484	52.952	ng		100
17) 2-Methylphenol	7.878	107	1733573	53.427	ng		100
18) Hexachloroethane	8.484	117	853688	52.844	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	1455206	53.253	ng		99
20) 3+4-Methylphenols	8.196	107	2375514	53.601	ng		99
22) Acetophenone	8.237	105	3084434	51.751	ng	#	98
24) Nitrobenzene	8.602	77	2126232	52.274	ng		97
25) Isophorone	9.125	82	4172561	51.908	ng		99
26) 2-Nitrophenol	9.302	139	1267530	55.364	ng		98
27) 2,4-Dimethylphenol	9.378	122	2063358	52.940	ng		100
28) bis(2-Chloroethoxy)met...	9.607	93	2625875	52.034	ng		100
29) 2,4-Dichlorophenol	9.831	162	2113695	52.875	ng		99
30) 1,2,4-Trichlorobenzene	10.049	180	2270580	51.620	ng		99
31) Naphthalene	10.225	128	6732644	51.375	ng		99
32) Benzoic acid	9.543	122	1647738	57.886	ng		98
33) 4-Chloroaniline	10.331	127	2986136	52.480	ng		99
34) Hexachlorobutadiene	10.519	225	1366194	51.718	ng		100
35) Caprolactam	11.137	113	701610	53.331	ng		98
36) 4-Chloro-3-methylphenol	11.484	107	2098032	52.551	ng		99
37) 2-Methylnaphthalene	11.854	142	4376533	51.634	ng		99
38) 1-Methylnaphthalene	12.072	142	4608074	51.546	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	2560877	52.721	ng		100
41) Hexachlorocyclopentadiene	12.219	237	1616183	58.674	ng		100
43) 2,4,6-Trichlorophenol	12.484	196	1770617	53.947	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1918353	53.026	ng	99
46) 1,1'-Biphenyl	12.895	154	6024880	50.798	ng	100
47) 2-Chloronaphthalene	12.931	162	4722917	51.398	ng	99
48) 2-Nitroaniline	13.137	65	1277778	55.436	ng	99
49) Acenaphthylene	13.790	152	7853263	52.119	ng	99
50) Dimethylphthalate	13.548	163	6045361	51.655	ng	99
51) 2,6-Dinitrotoluene	13.654	165	1345243	54.301	ng	100
52) Acenaphthene	14.137	154	4517722	52.046	ng	99
53) 3-Nitroaniline	13.984	138	1538228	55.030	ng	97
54) 2,4-Dinitrophenol	14.190	184	845681	60.917	ng	98
55) Dibenzofuran	14.484	168	7155195	50.912	ng	100
56) 4-Nitrophenol	14.319	139	1296281	54.419	ng	99
57) 2,4-Dinitrotoluene	14.448	165	1931788	55.973	ng	98
58) Fluorene	15.148	166	5666693	50.552	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1711112	53.430	ng	99
60) Diethylphthalate	14.948	149	6032748	52.170	ng	100
61) 4-Chlorophenyl-phenyle...	15.154	204	2822385	49.953	ng	97
62) 4-Nitroaniline	15.172	138	1557916	54.694	ng	99
63) Azobenzene	15.454	77	4887978	52.623	ng	97
65) 4,6-Dinitro-2-methylph...	15.248	198	1165979	58.004	ng	98
66) n-Nitrosodiphenylamine	15.378	169	5088804	50.889	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1990339	52.573	ng	99
68) Hexachlorobenzene	16.184	284	2321405	51.350	ng	96
69) Atrazine	16.372	200	1920612	52.693	ng	99
70) Pentachlorophenol	16.531	266	1626155	54.041	ng	99
71) Phenanthrene	16.931	178	8929922	49.912	ng	100
72) Anthracene	17.031	178	9319174	51.310	ng	100
73) Carbazole	17.307	167	8838811	51.147	ng	99
74) Di-n-butylphthalate	17.925	149	10436099	51.501	ng	99
75) Fluoranthene	19.036	202	10486987	49.574	ng	99
77) Benzidine	19.242	184	5973577	46.861	ng	100
78) Pyrene	19.419	202	10669709	50.310	ng	99
80) Butylbenzylphthalate	20.407	149	4896472	52.320	ng	97
81) Benzo(a)anthracene	21.307	228	11027653	50.804	ng	99
82) 3,3'-Dichlorobenzidine	21.236	252	4590583	51.576	ng	100
83) Chrysene	21.377	228	10311953	50.942	ng	100
84) Bis(2-ethylhexyl)phtha...	21.295	149	7009358	51.373	ng	100
85) Di-n-octyl phthalate	22.501	149	12446110	52.335	ng	100
87) Indeno(1,2,3-cd)pyrene	27.989	276	15307239m	52.366	ng	
88) Benzo(b)fluoranthene	23.483	252	11802054	50.891	ng	100
89) Benzo(k)fluoranthene	23.548	252	11941338	51.862	ng	99
90) Benzo(a)pyrene	24.324	252	11759136	52.237	ng	99
91) Dibenzo(a,h)anthracene	28.065	278	12441007	51.898	ng	100
92) Benzo(g,h,i)perylene	29.077	276	12183528	51.884	ng	98

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

ICAL Form

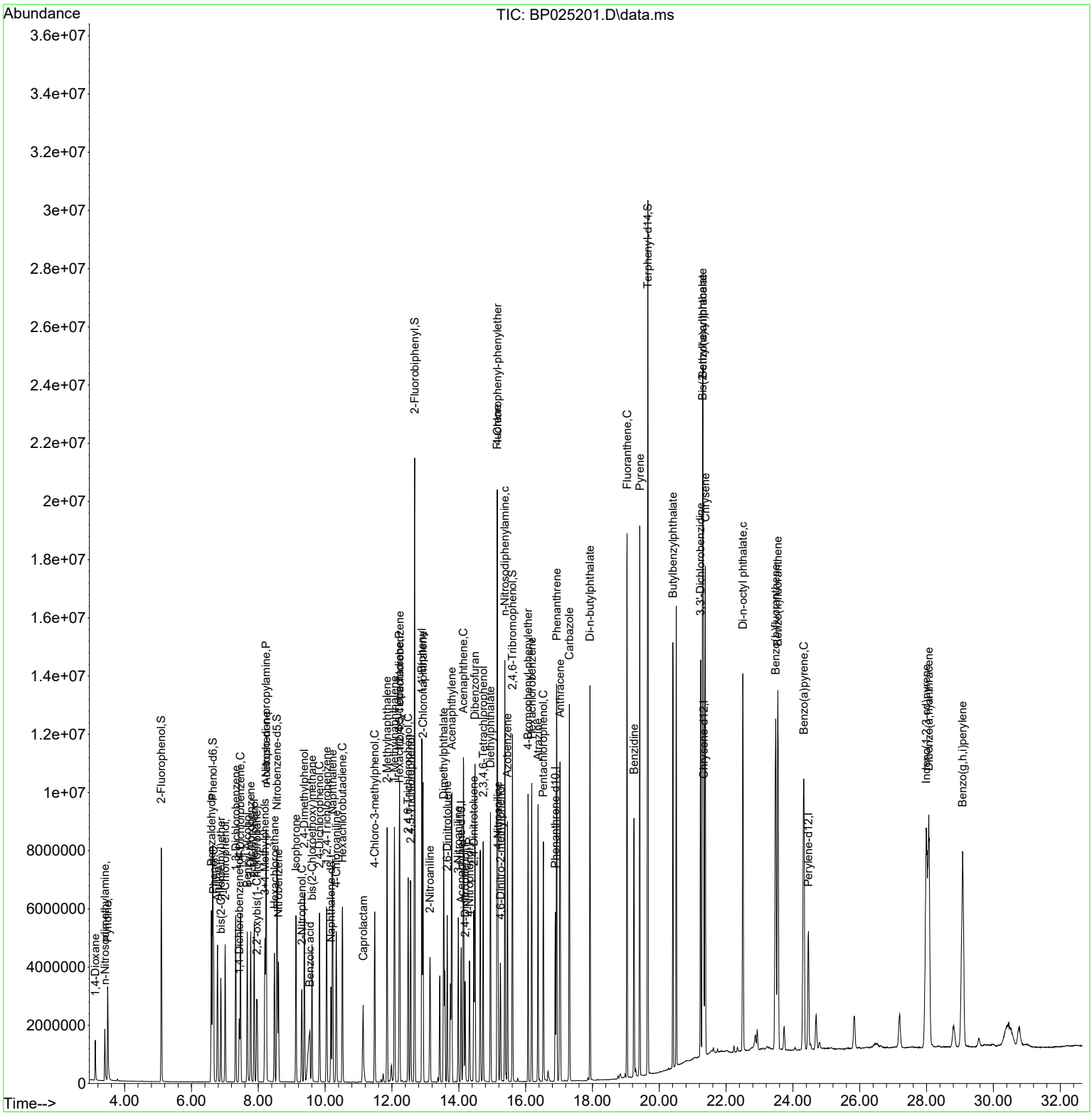
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Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

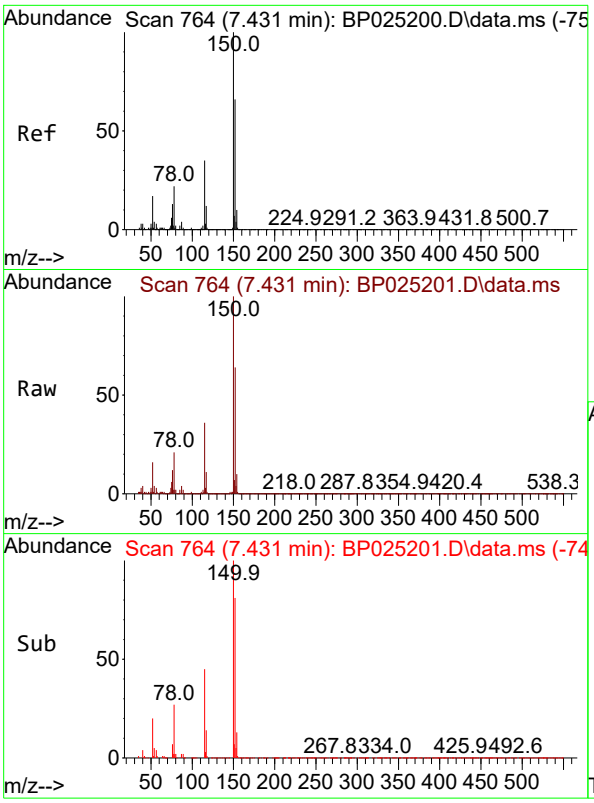
Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

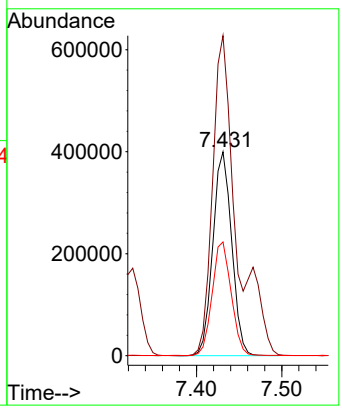




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:152 Resp: 61353

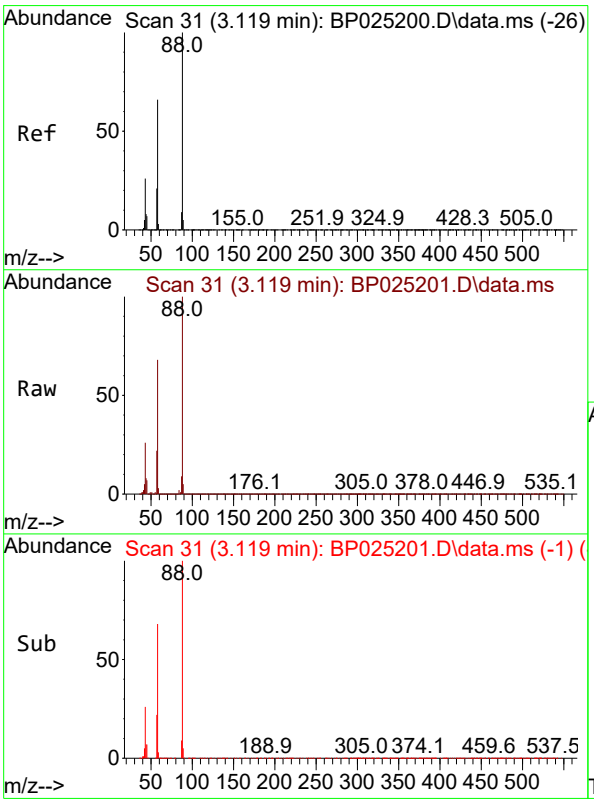
Ion	Ratio	Lower	Upper
152	100		
150	157.0	121.9	182.9
115	55.8	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

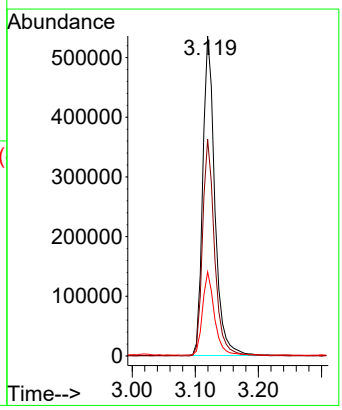
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

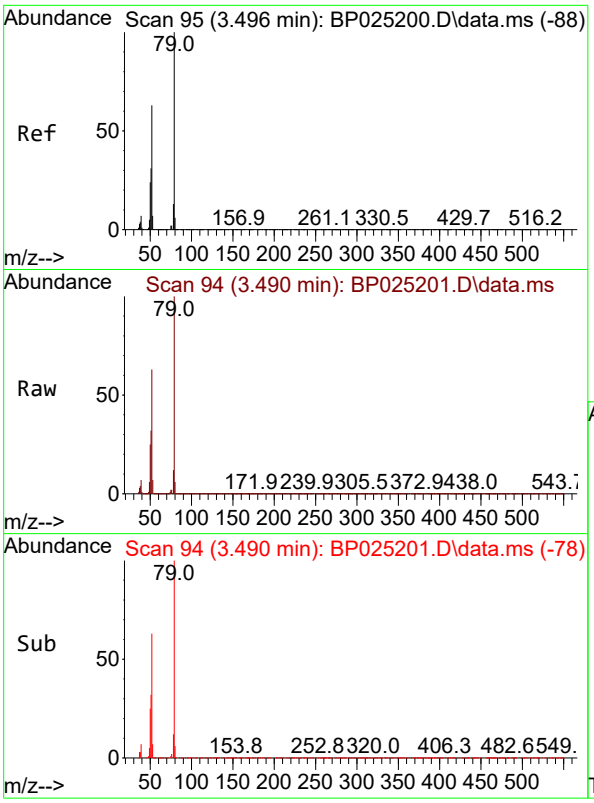


#2
1,4-Dioxane
Concen: 51.665 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 88 Resp: 713110

Ion	Ratio	Lower	Upper
88	100		
58	67.7	53.5	80.3
43	25.8	20.8	31.2

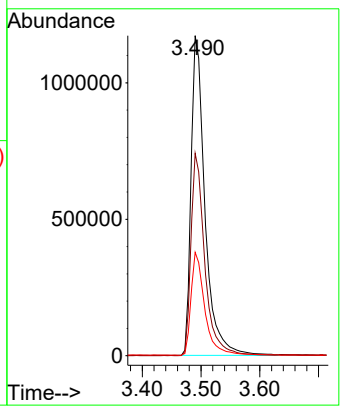




#3
Pyridine
Concen: 52.798 ng
RT: 3.490 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 79 Resp: 193018

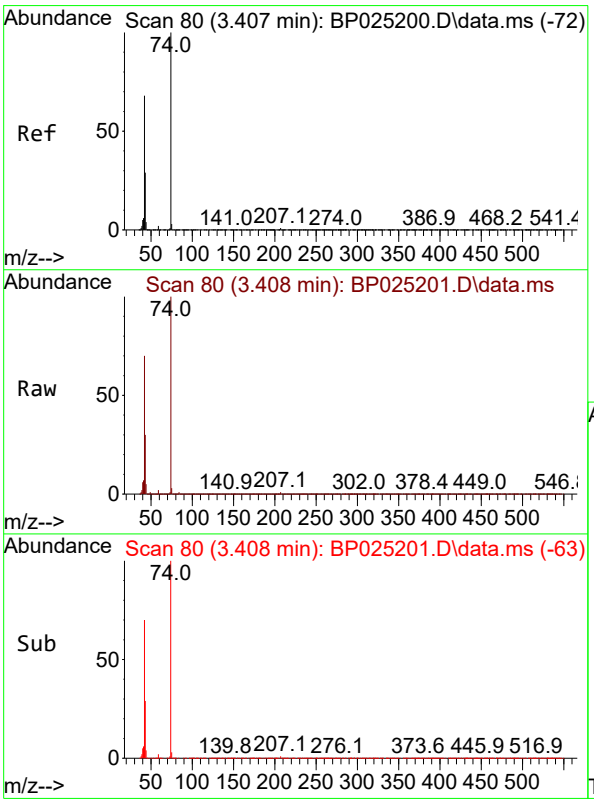
Ion	Ratio	Lower	Upper
79	100		
52	63.3	50.2	75.4
51	32.3	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

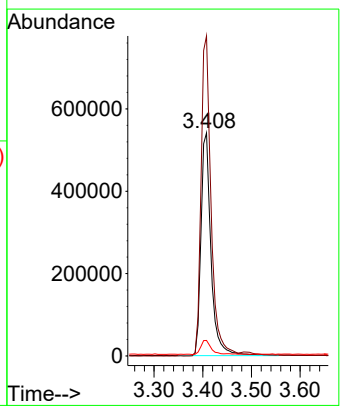
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

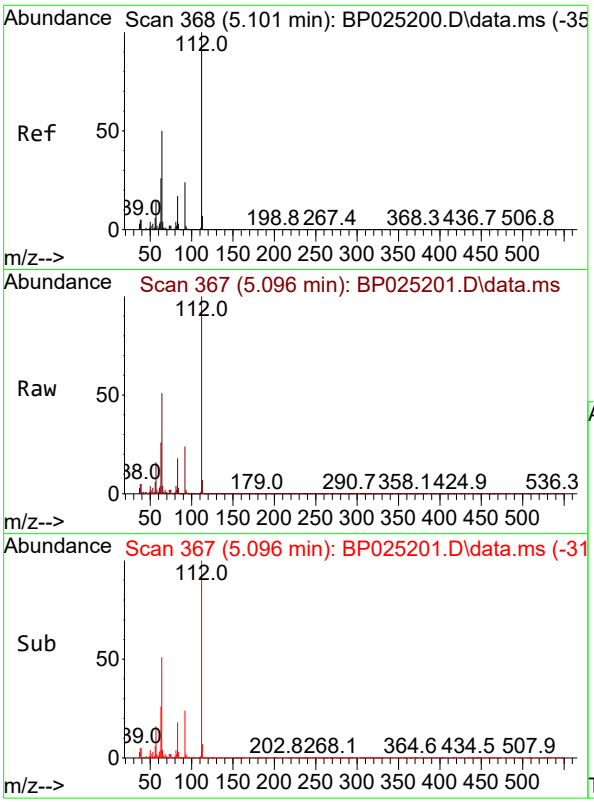


#4
n-Nitrosodimethylamine
Concen: 53.378 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 42 Resp: 770132

Ion	Ratio	Lower	Upper
42	100		
74	143.4	118.0	177.0
44	6.9	5.5	8.3

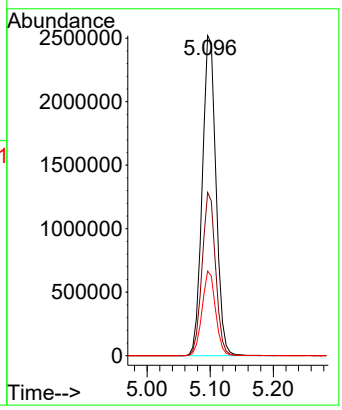




#5
2-Fluorophenol
Concen: 103.663 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:112 Resp: 380710

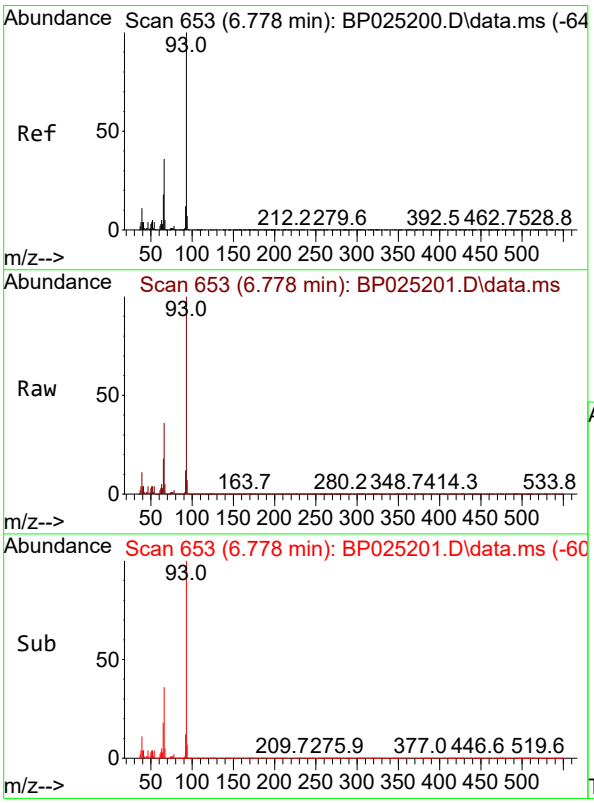
Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.8	59.6
63	26.5	20.5	30.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

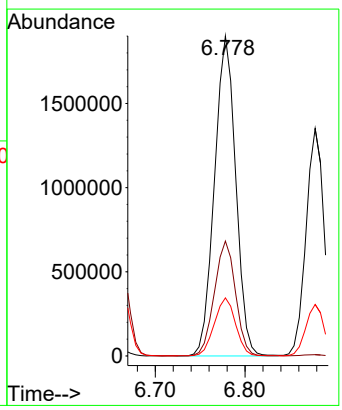
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

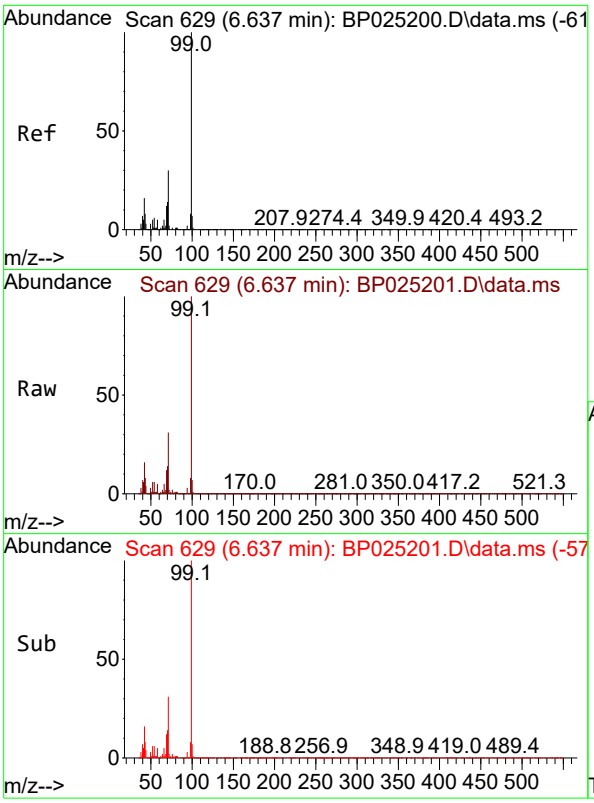


#6
Aniline
Concen: 52.991 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 3124470

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.6	43.0
65	18.2	14.6	21.8

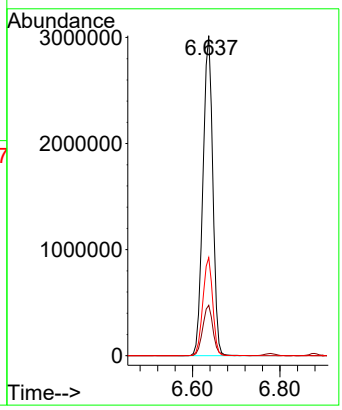




#7
Phenol-d6
Concen: 104.474 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 99 Resp: 473698

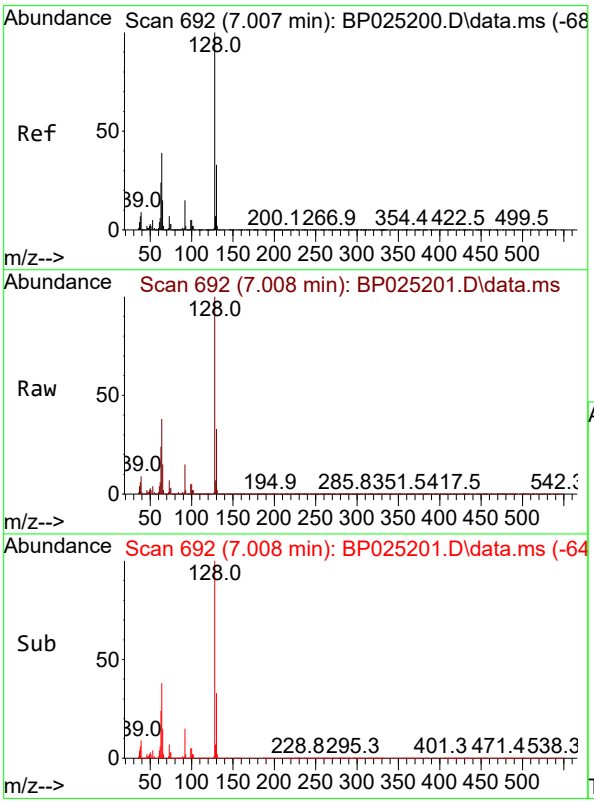
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	30.6	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

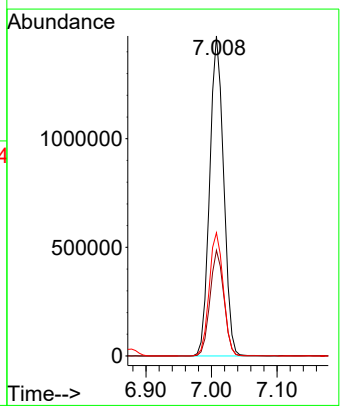
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

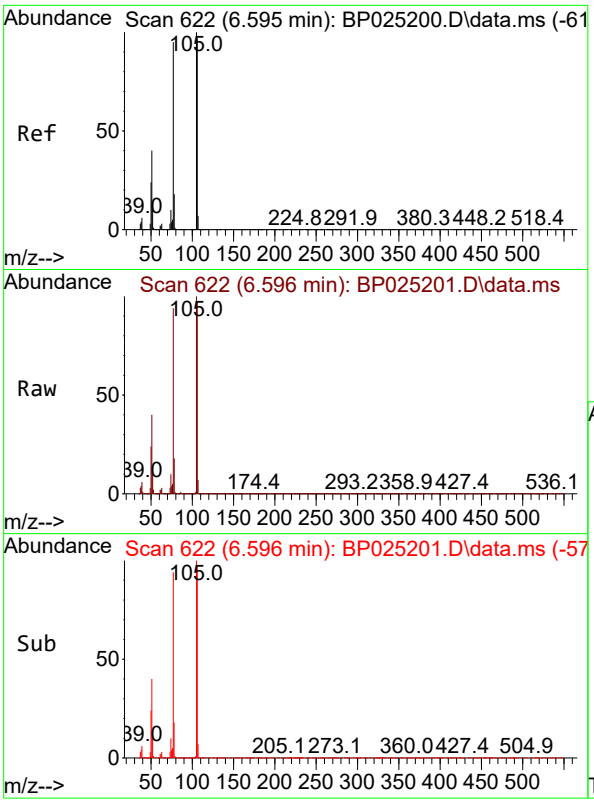


#8
2-Chlorophenol
Concen: 52.755 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:128 Resp: 2180013

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	38.5	19.2	59.2

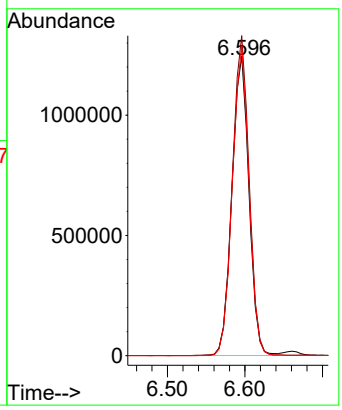




#9
Benzaldehyde
Concen: 58.538 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 189679

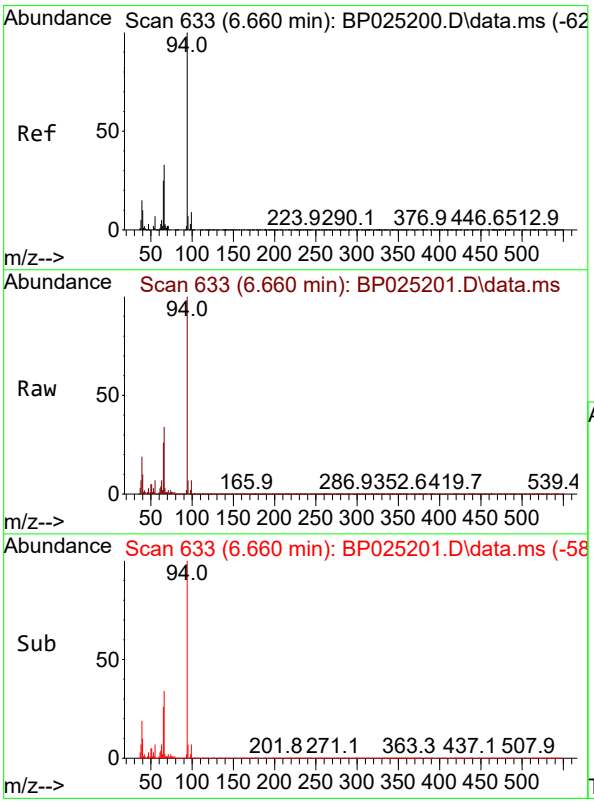
Ion	Ratio	Lower	Upper
77	100		
105	106.8	85.5	125.5
106	103.4	81.9	121.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

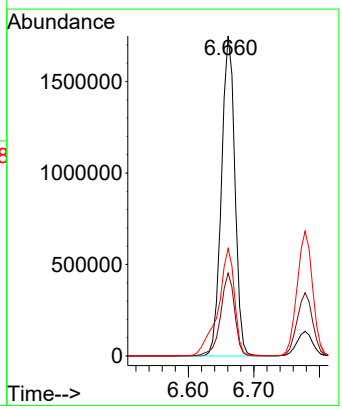
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

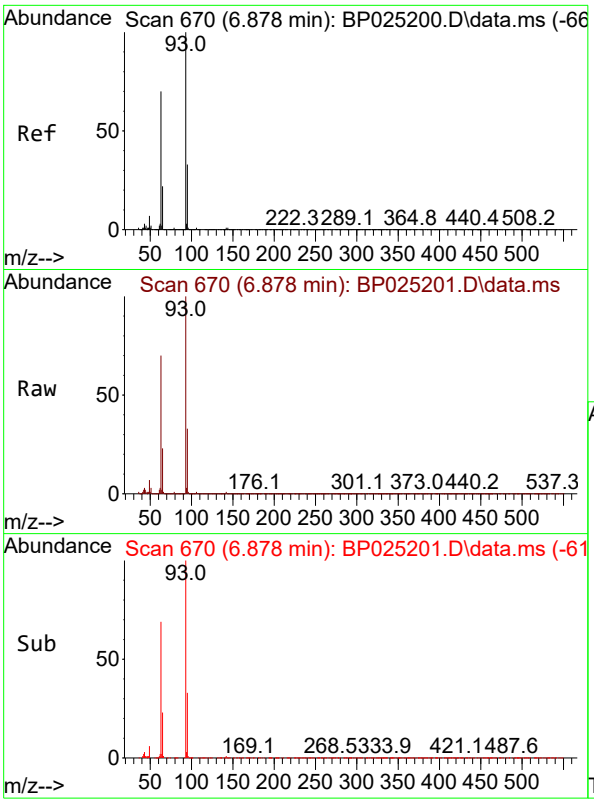


#10
Phenol
Concen: 52.755 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 94 Resp: 2474823

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.4	45.4
66	33.6	13.5	53.5

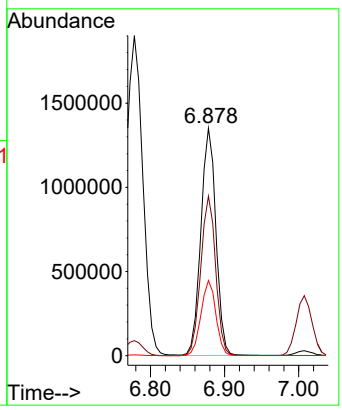




#11
bis(2-Chloroethyl)ether
Concen: 52.936 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 190669

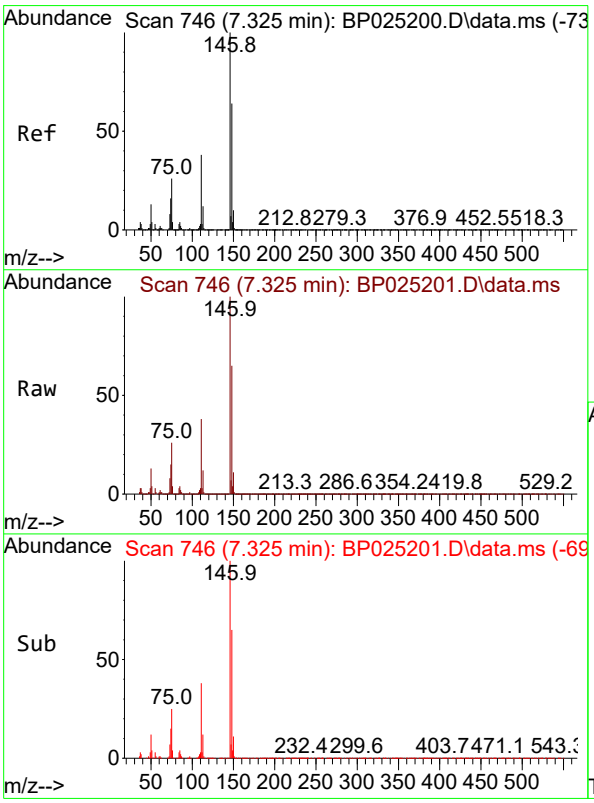
Ion	Ratio	Lower	Upper
93	100		
63	70.1	50.0	90.0
95	33.0	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

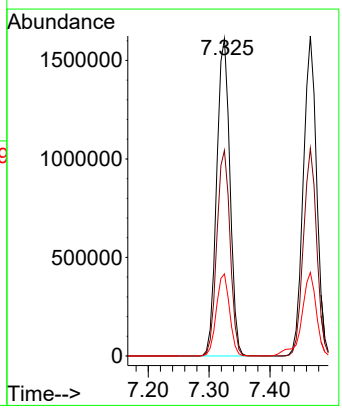
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

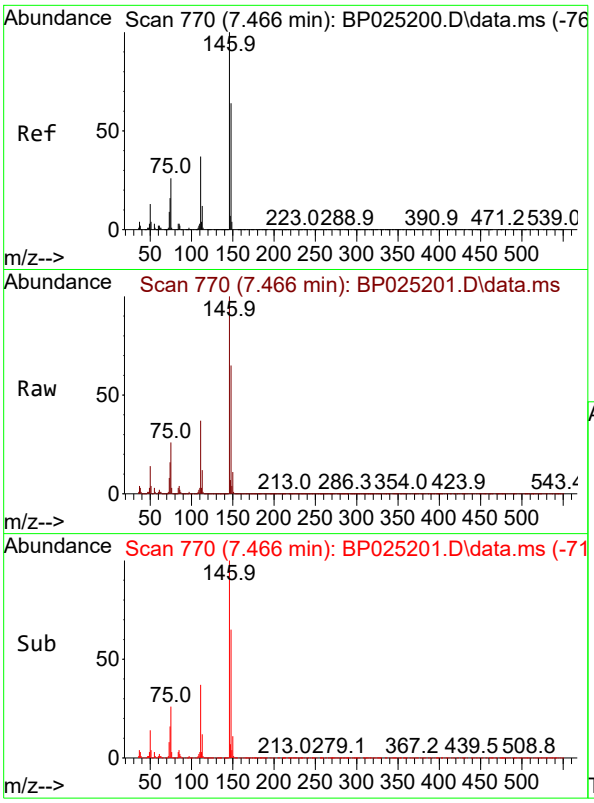


#12
1,3-Dichlorobenzene
Concen: 51.674 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2422569

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	25.9	20.6	31.0

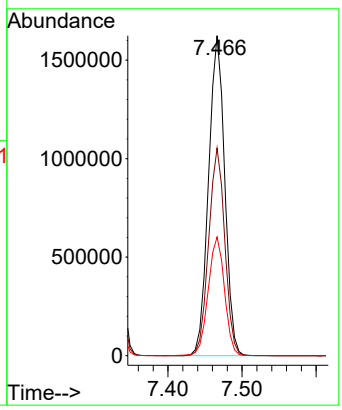




#13
1,4-Dichlorobenzene
Concen: 51.975 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 245898

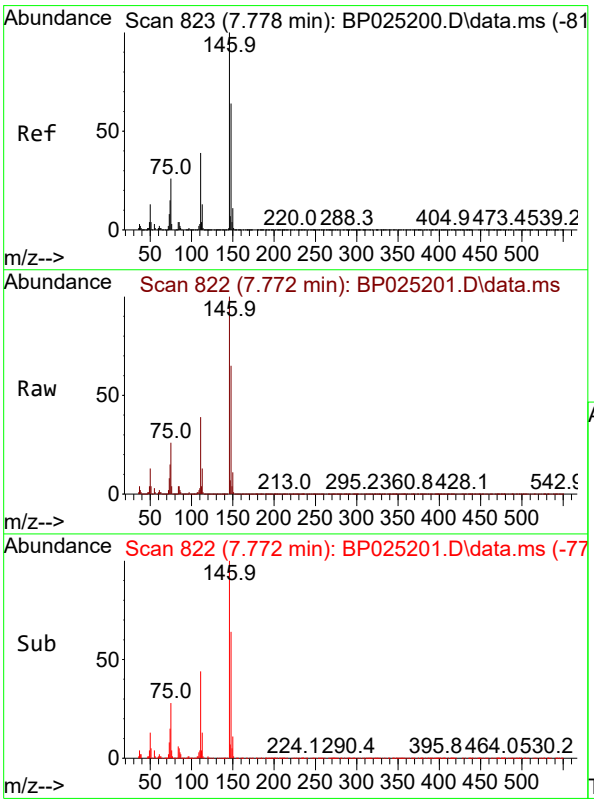
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
111	37.1	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

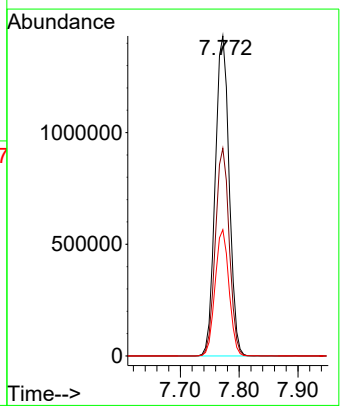
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

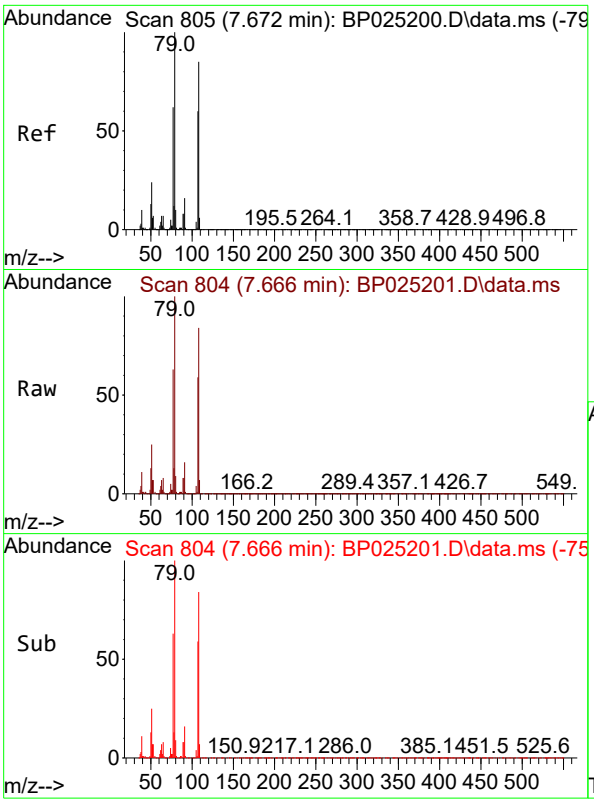


#14
1,2-Dichlorobenzene
Concen: 52.043 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2365873

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.5	77.3
111	39.5	31.3	46.9

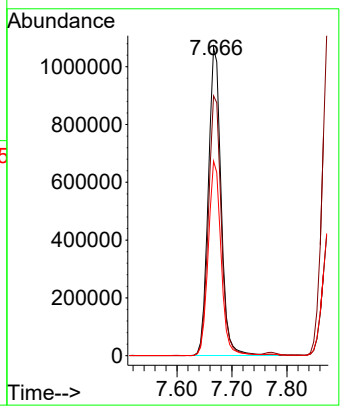




#15
Benzyl Alcohol
Concen: 52.999 ng
RT: 7.666 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 79 Resp: 172244

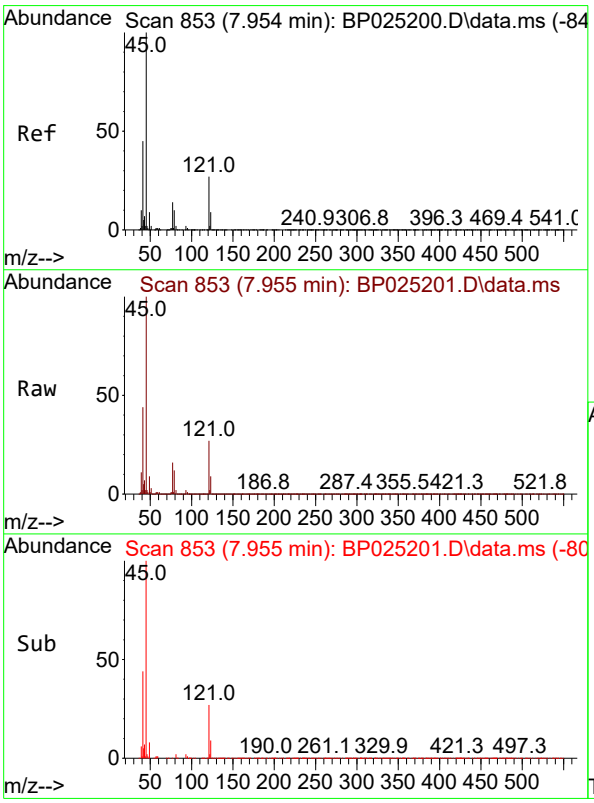
Ion	Ratio	Lower	Upper
79	100		
108	84.4	67.8	101.6
77	63.2	49.9	74.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

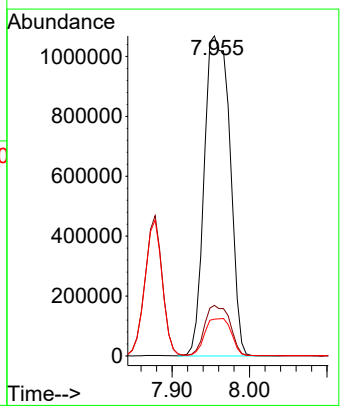
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

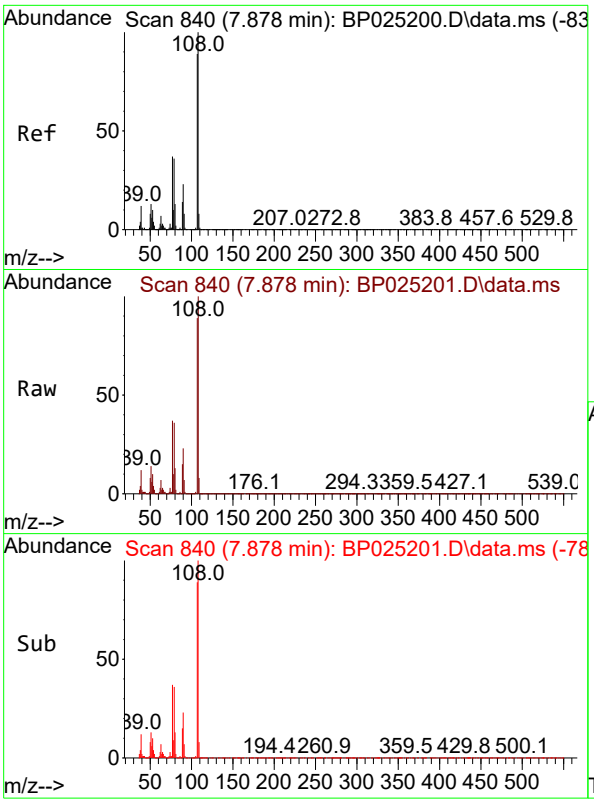


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.952 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 45 Resp: 2446484

Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	36.0
79	11.5	0.0	31.7

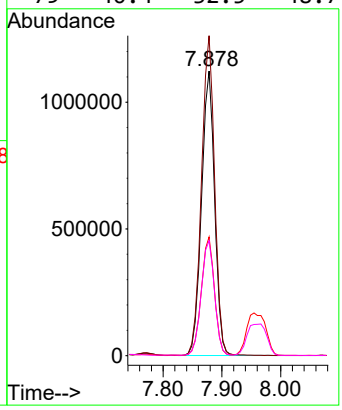




#17
2-Methylphenol
Concen: 53.427 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 173357

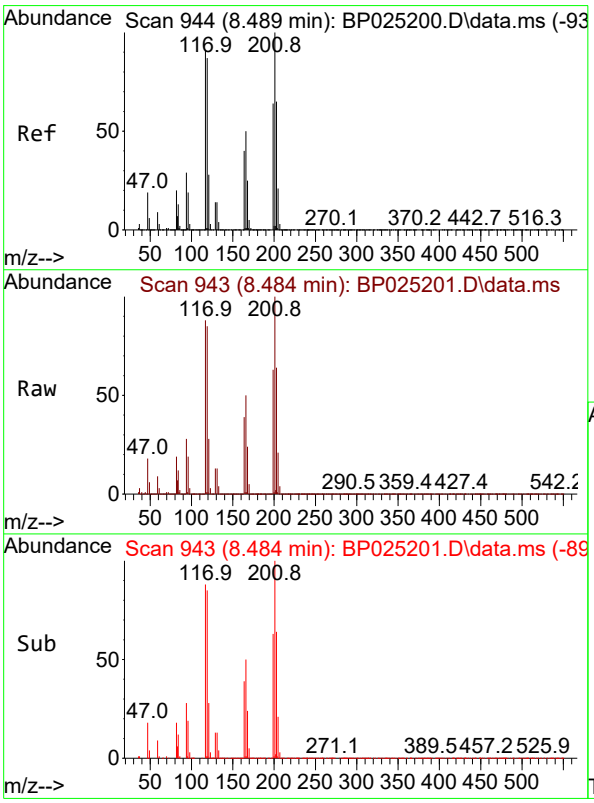
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.8
77	41.7	33.2	49.8
79	40.4	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

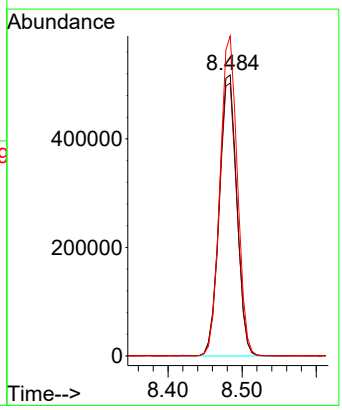
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

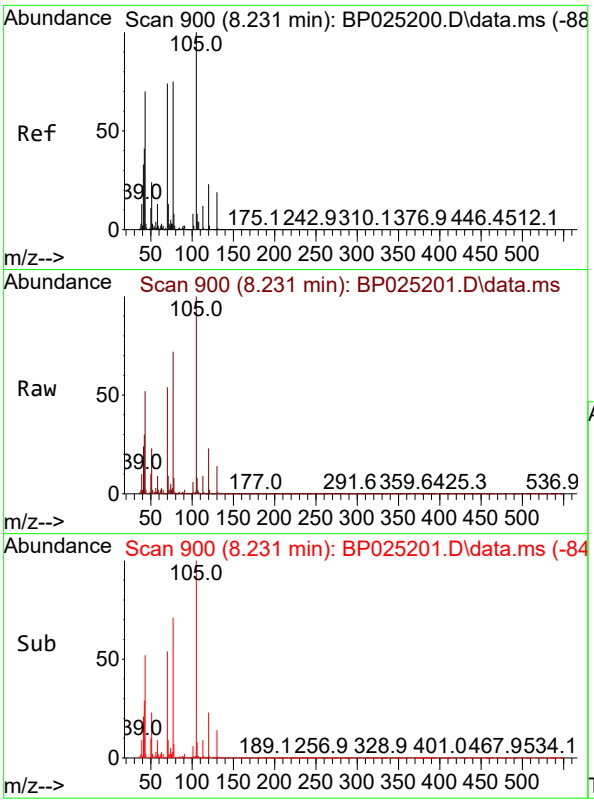


#18
Hexachloroethane
Concen: 52.844 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:117 Resp: 853688

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.6
201	113.9	88.3	132.5

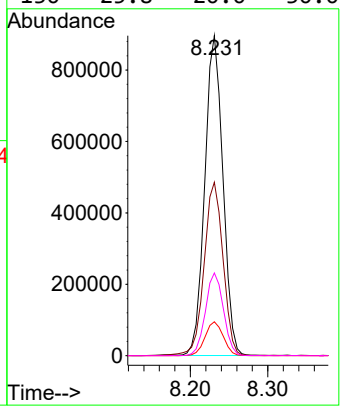




#19
n-Nitroso-di-n-propylamine
Concen: 53.253 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 70 Resp: 145520(

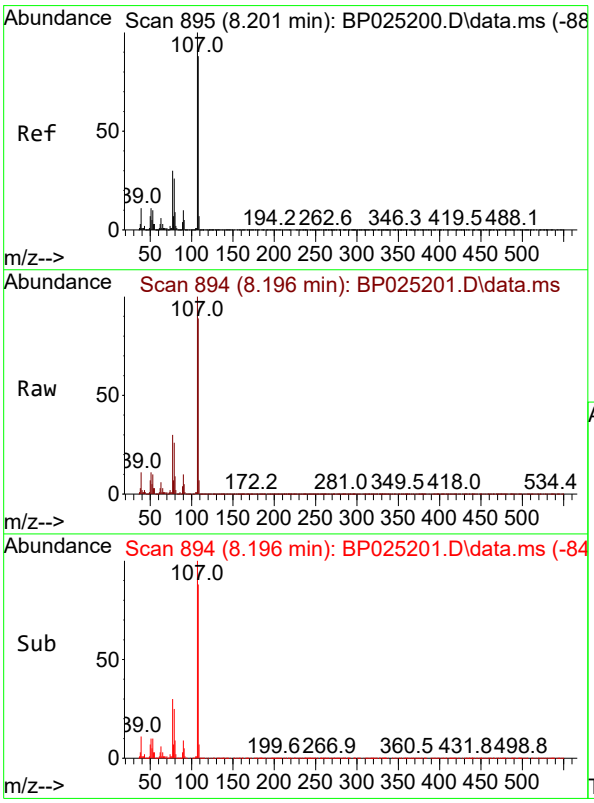
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.2	66.2
101	10.6	8.6	12.8
130	25.8	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

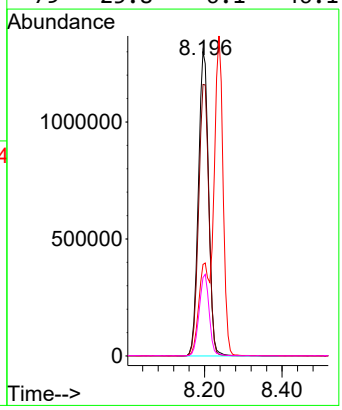
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

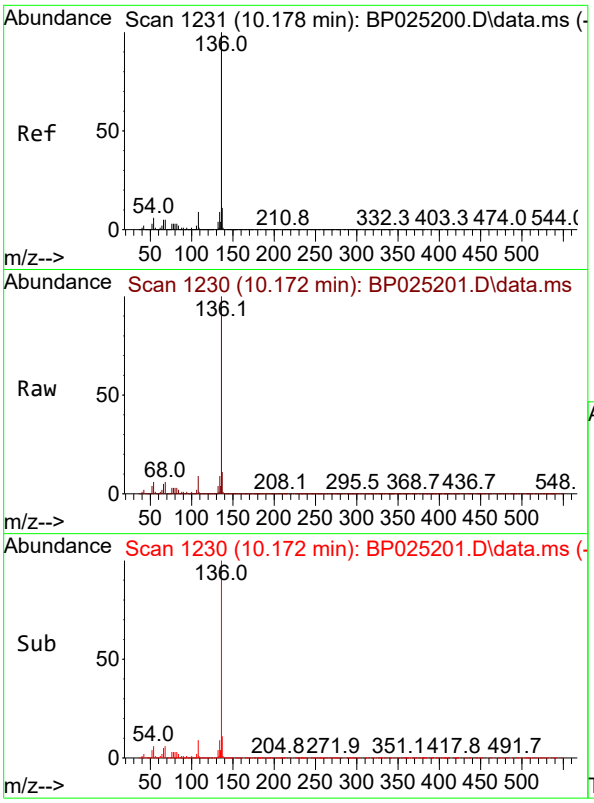


#20
3+4-Methylphenols
Concen: 53.601 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2375514

Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.8	107.8
77	30.0	10.3	50.3
79	25.8	6.1	46.1

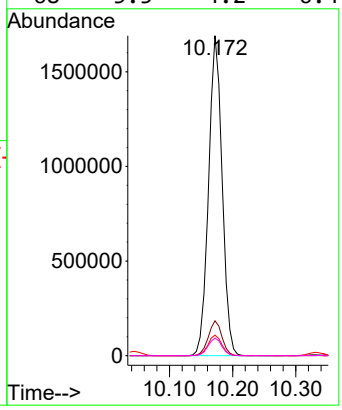




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:136 Resp: 251640

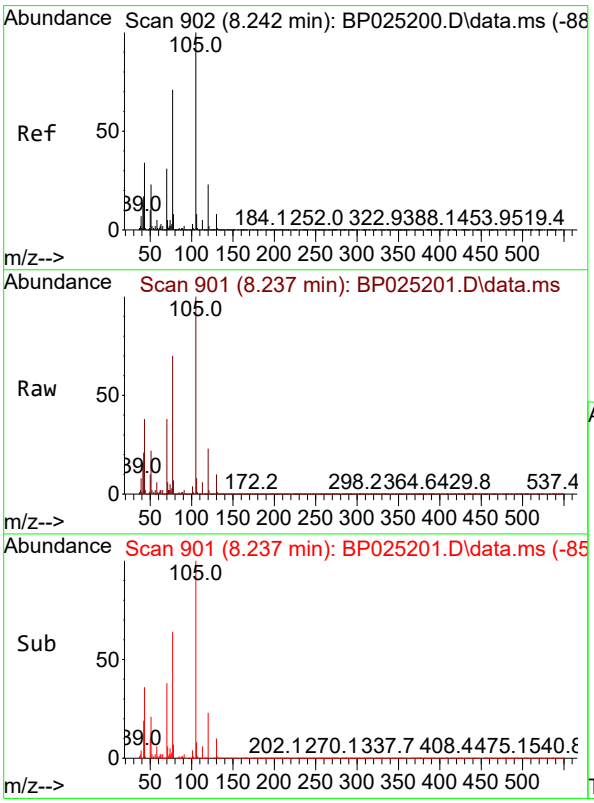
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.1	7.7
68	5.5	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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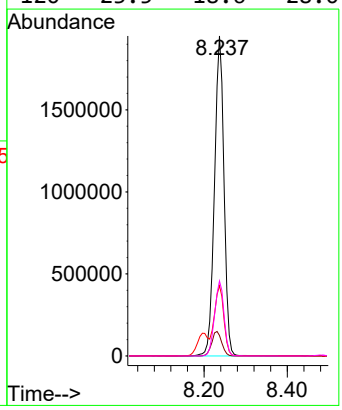
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

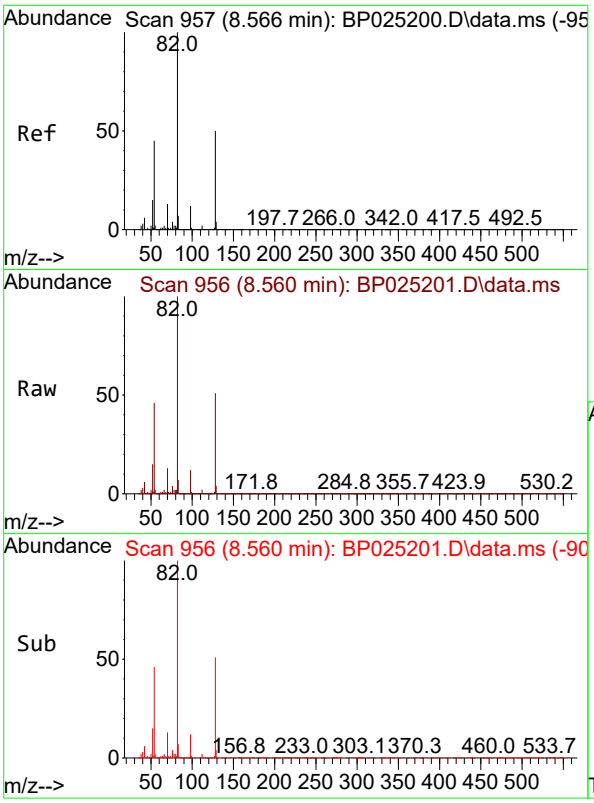


#22
Acetophenone
Concen: 51.751 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:105 Resp: 3084434

Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.1	6.1#
51	22.0	18.5	27.7
120	23.5	18.6	28.0

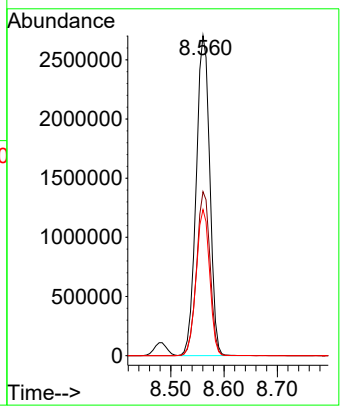




#23
Nitrobenzene-d5
Concen: 104.177 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 82 Resp: 478139

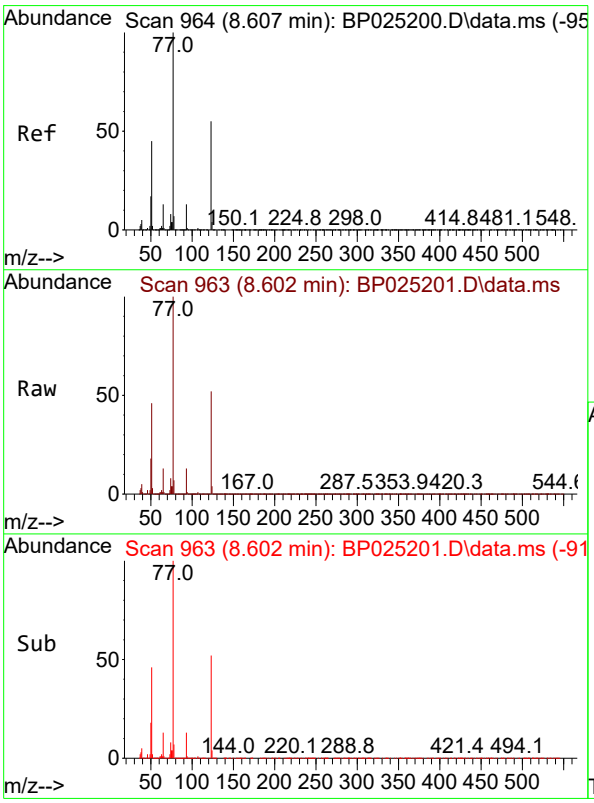
Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.2	60.4
54	45.7	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

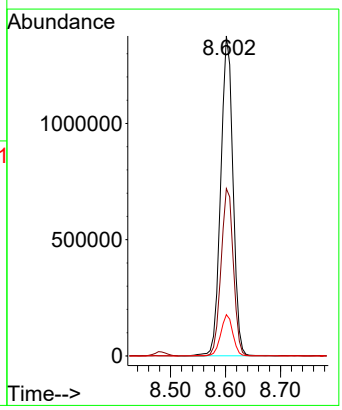
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

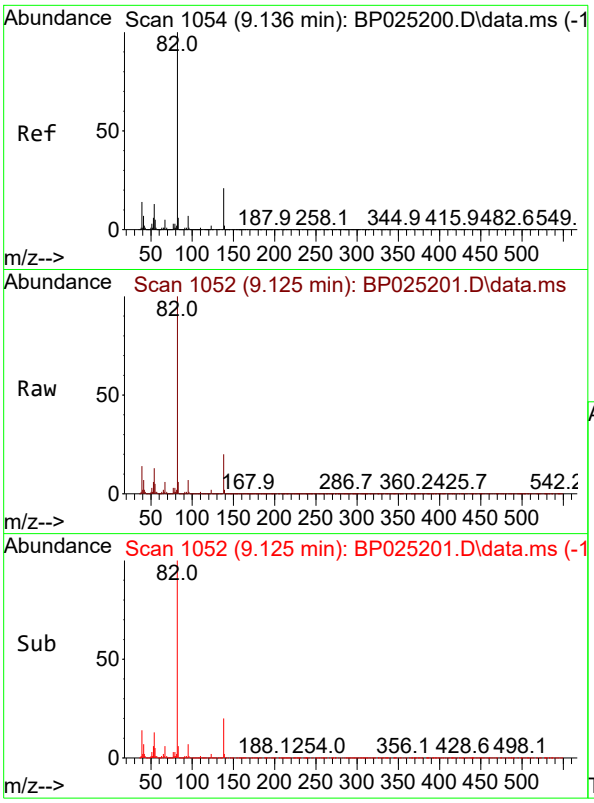


#24
Nitrobenzene
Concen: 52.274 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 2126232

Ion	Ratio	Lower	Upper
77	100		
123	52.3	43.6	65.4
65	12.9	10.2	15.2

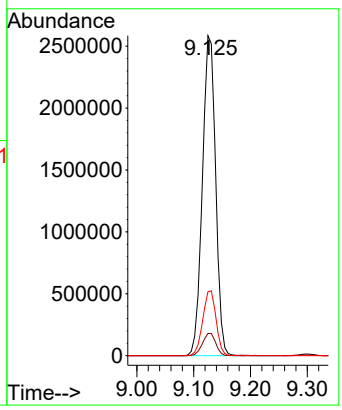




#25
Isophorone
Concen: 51.908 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 82 Resp: 417256

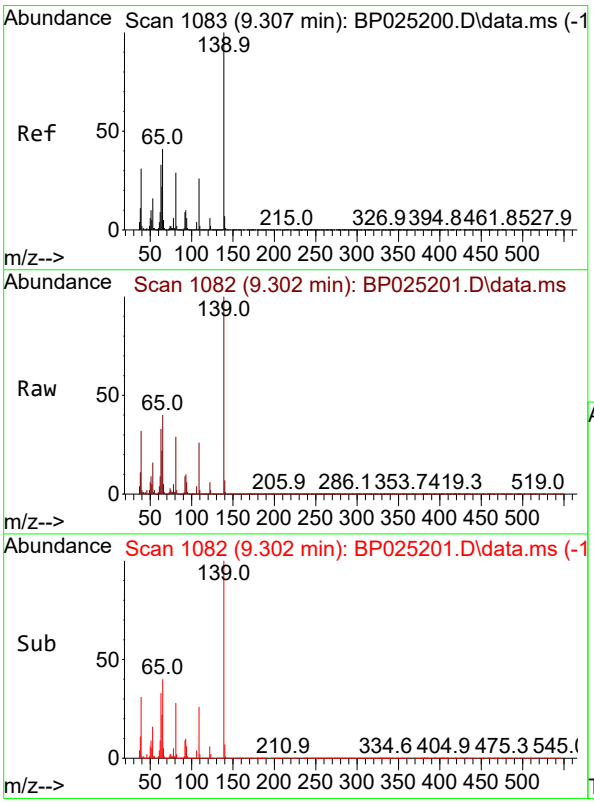
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.0	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

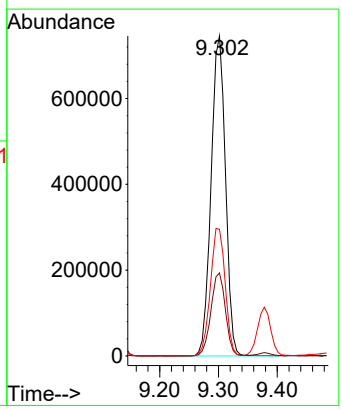
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

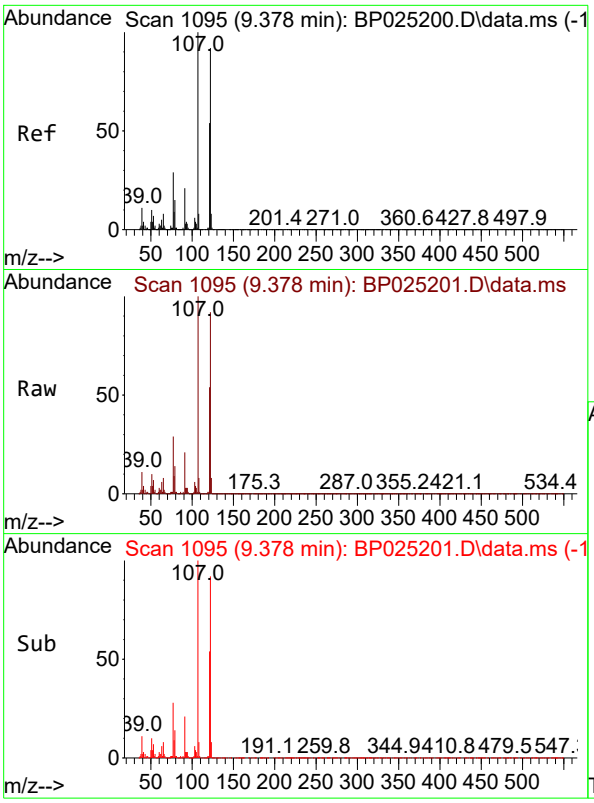


#26
2-Nitrophenol
Concen: 55.364 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1267530

Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.0	31.6
65	39.6	32.7	49.1

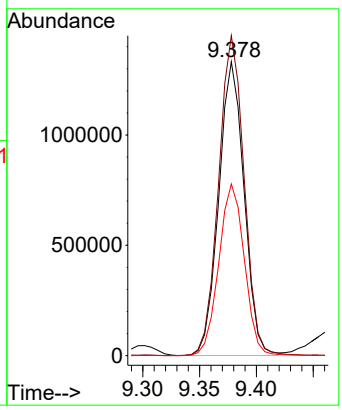




#27
2,4-Dimethylphenol
Concen: 52.940 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:122 Resp: 206335

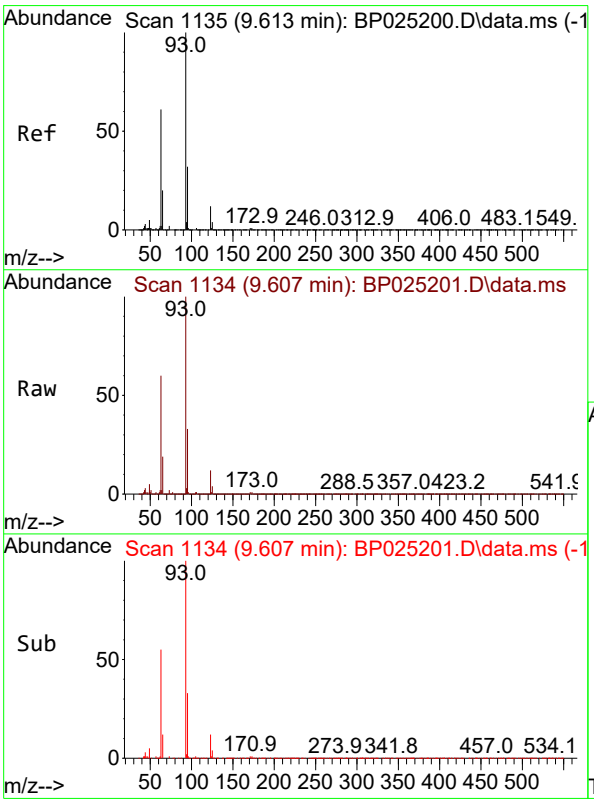
Ion	Ratio	Lower	Upper
122	100		
107	108.9	87.0	130.4
121	58.4	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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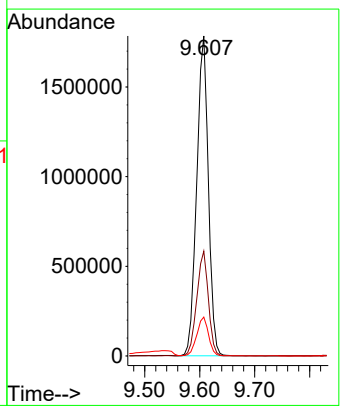
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

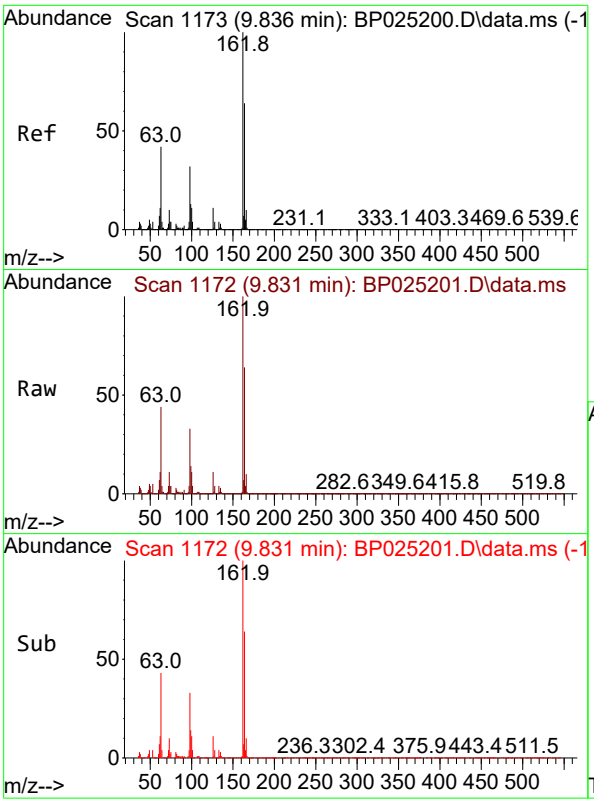


#28
bis(2-Chloroethoxy)methane
Concen: 52.034 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 2625875

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	12.1	9.8	14.6

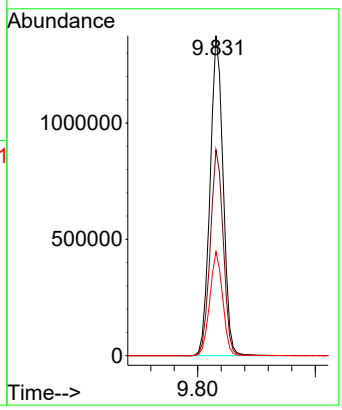




#29
2,4-Dichlorophenol
Concen: 52.875 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:162 Resp: 211369

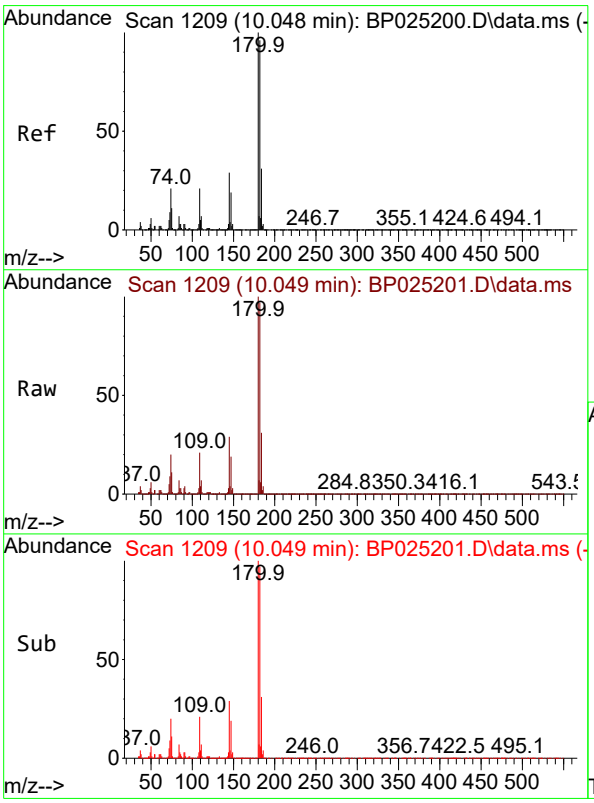
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	32.5	11.7	51.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

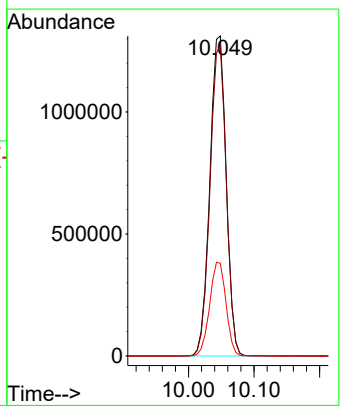
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

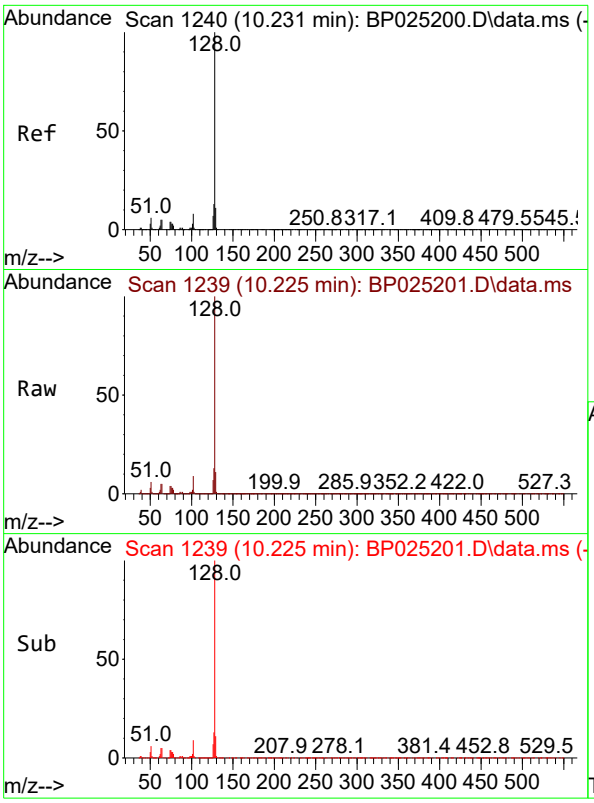


#30
1,2,4-Trichlorobenzene
Concen: 51.620 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:180 Resp: 2270580

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.7	115.1
145	29.0	23.5	35.3

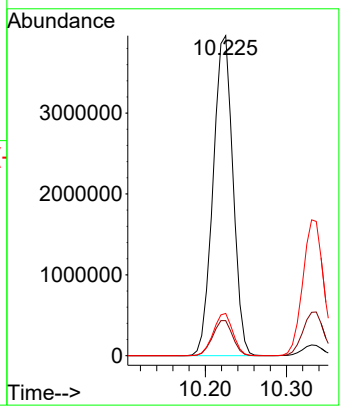




#31
Naphthalene
Concen: 51.375 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:128 Resp: 673264

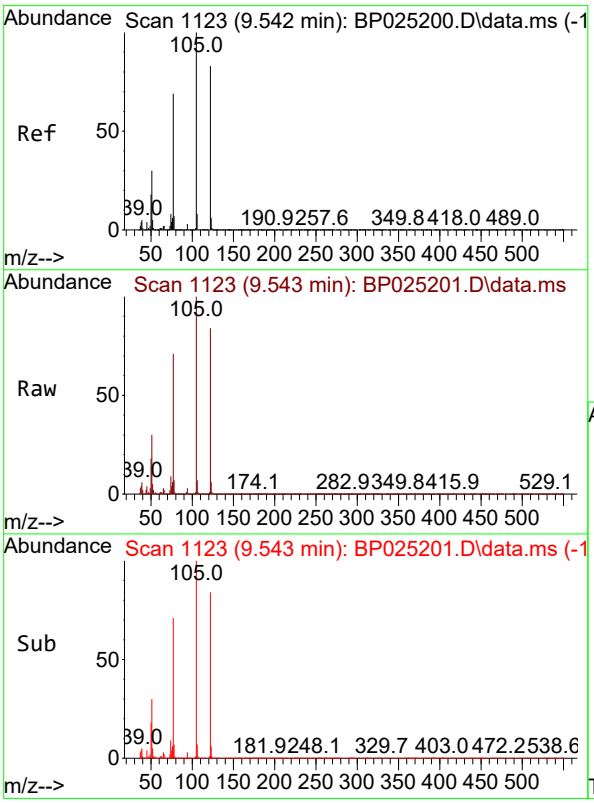
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

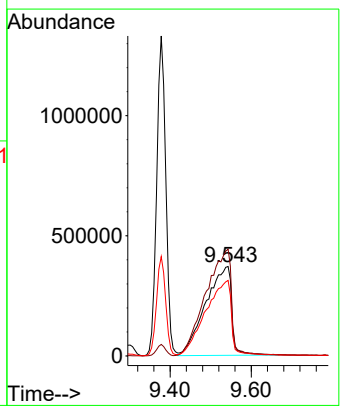
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

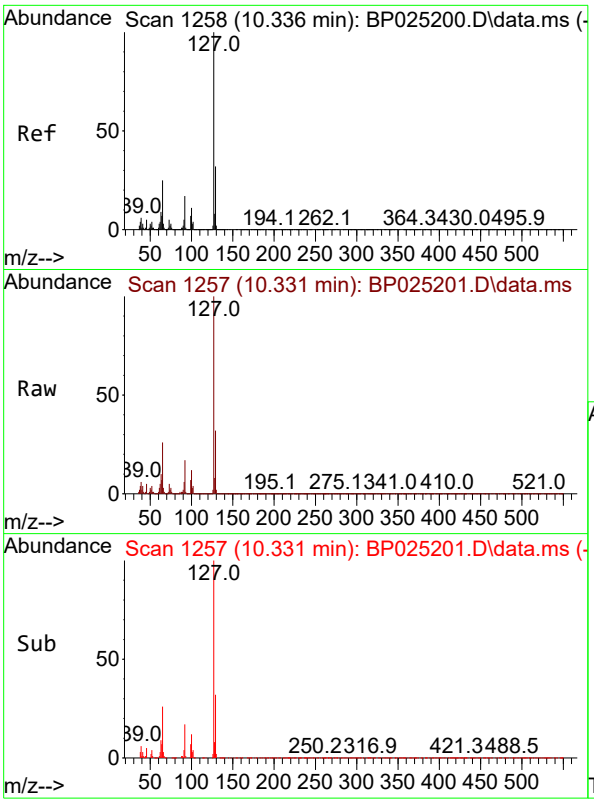


#32
Benzoic acid
Concen: 57.886 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:122 Resp: 1647738

Ion	Ratio	Lower	Upper
122	100		
105	119.4	98.1	138.1
77	84.5	62.7	102.7

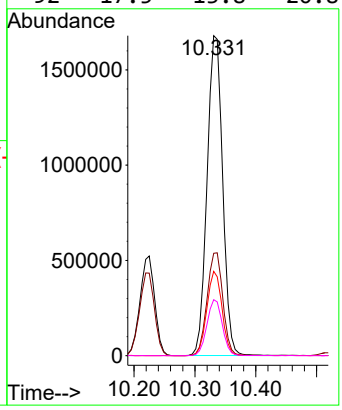




#33
4-Chloroaniline
Concen: 52.480 ng
RT: 10.331 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:127 Resp: 298613

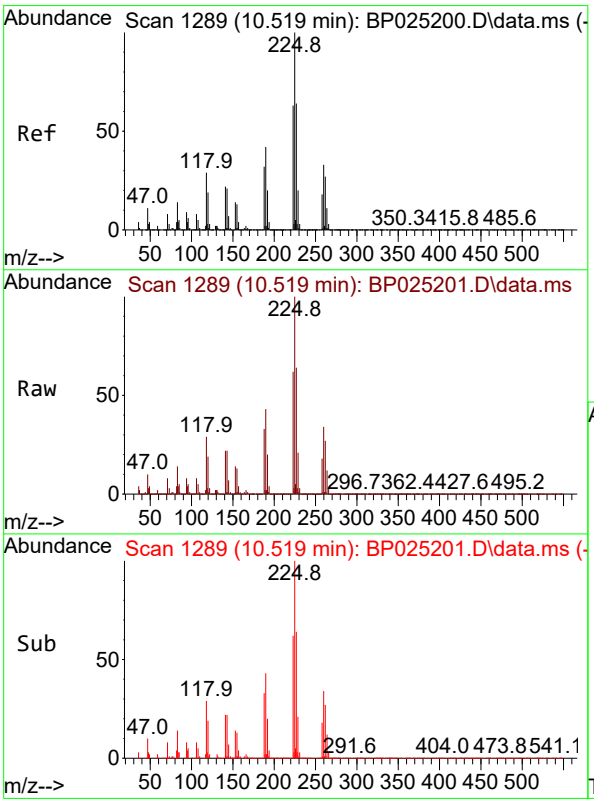
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.4	20.2	30.4
92	17.5	13.8	20.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

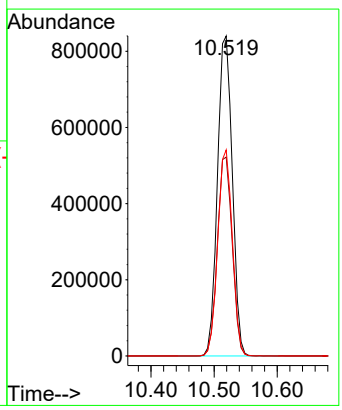
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

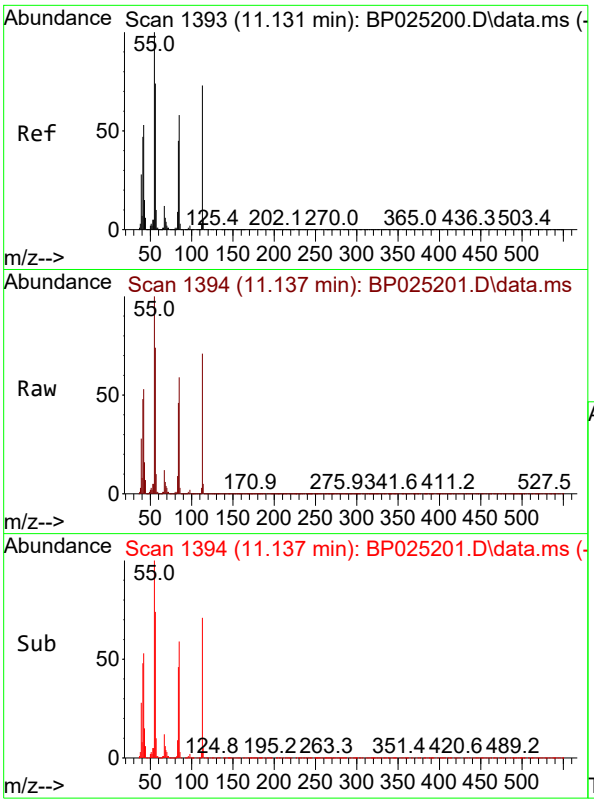


#34
Hexachlorobutadiene
Concen: 51.718 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:225 Resp: 1366194

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	64.4	51.4	77.0

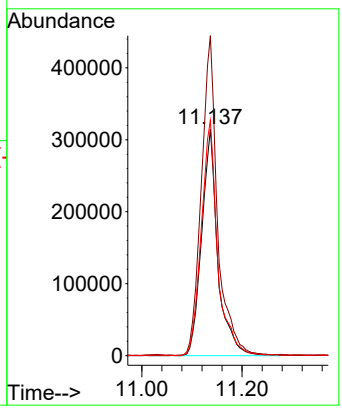




#35
Caprolactam
Concen: 53.331 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:113 Resp: 70161

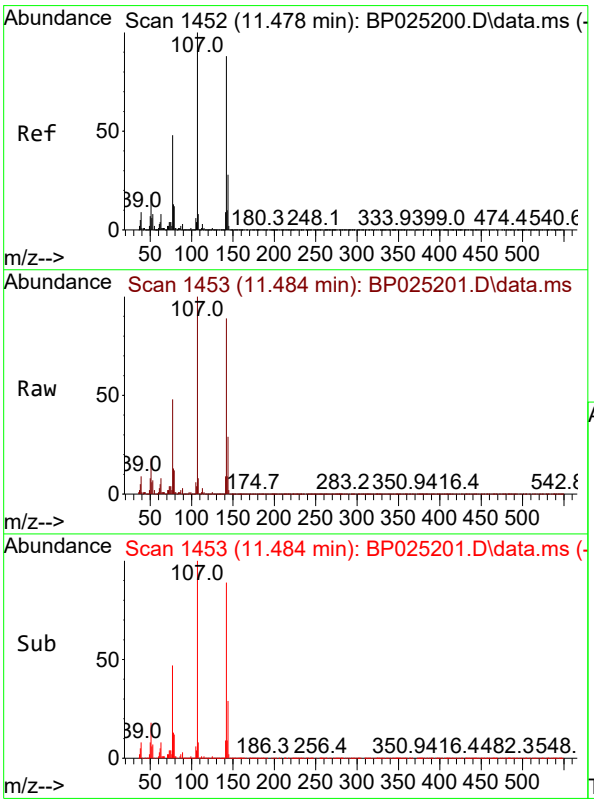
Ion	Ratio	Lower	Upper
113	100		
55	141.2	117.6	157.6
56	103.8	82.4	122.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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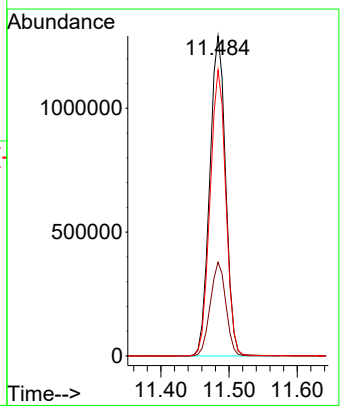
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

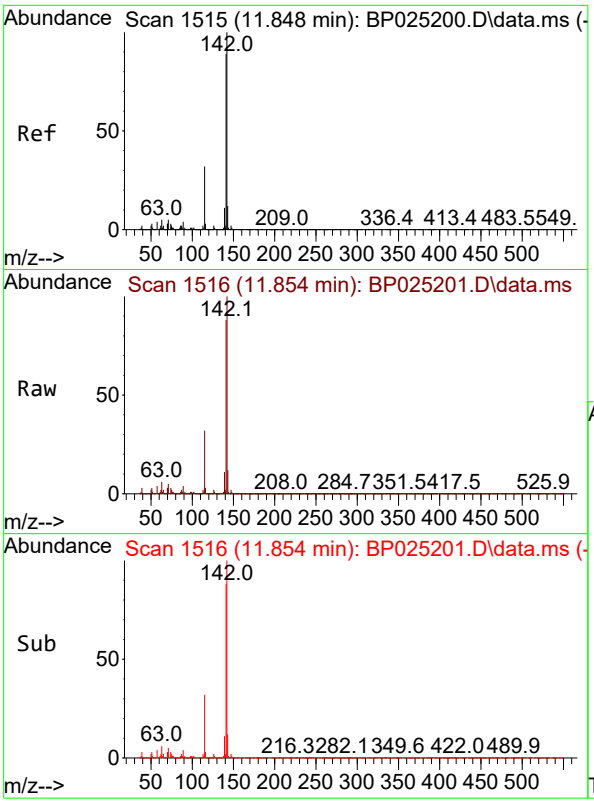


#36
4-Chloro-3-methylphenol
Concen: 52.551 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2098032

Ion	Ratio	Lower	Upper
107	100		
144	29.3	22.5	33.7
142	89.3	70.6	105.8

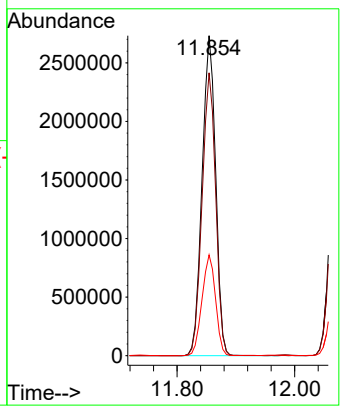




#37
2-Methylnaphthalene
Concen: 51.634 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:142 Resp: 437653

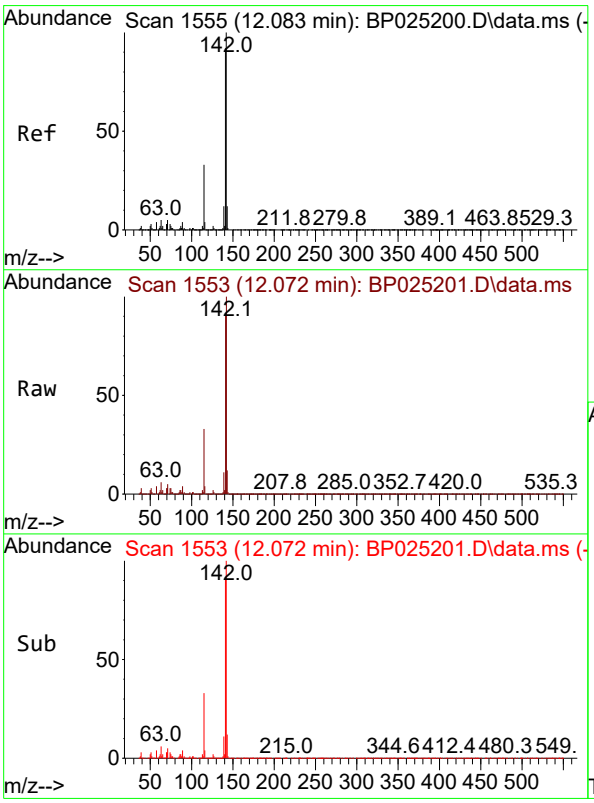
Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	31.5	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

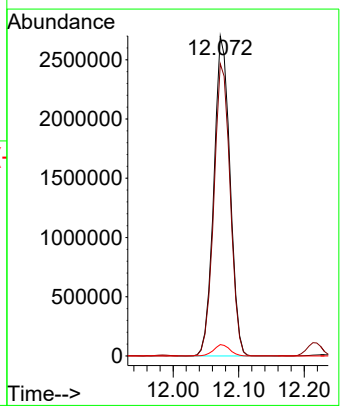
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

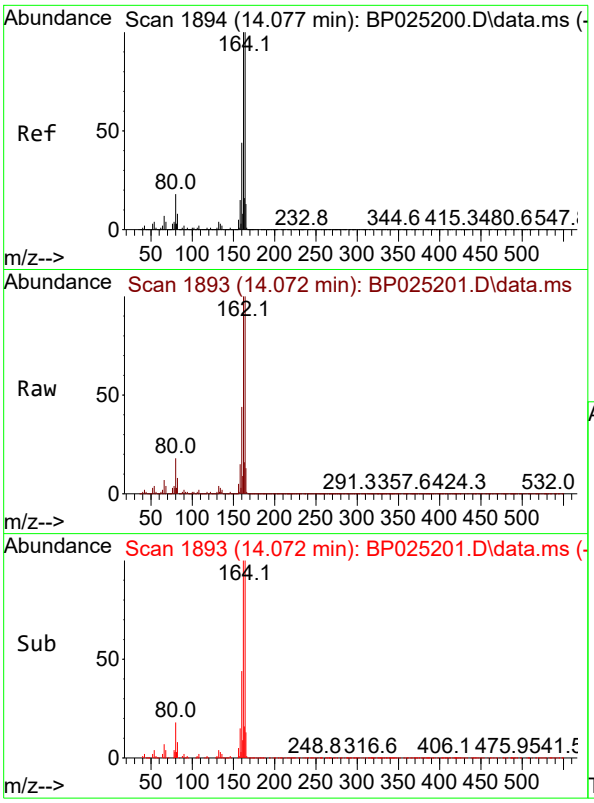


#38
1-Methylnaphthalene
Concen: 51.546 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:142 Resp: 4608074

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.5	2.8	4.2

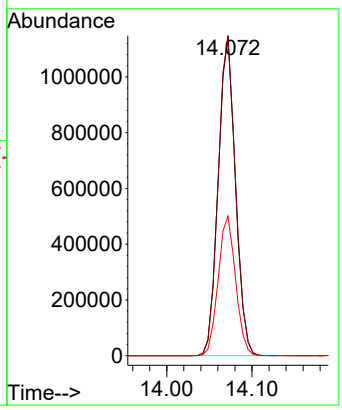




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:164 Resp: 160400

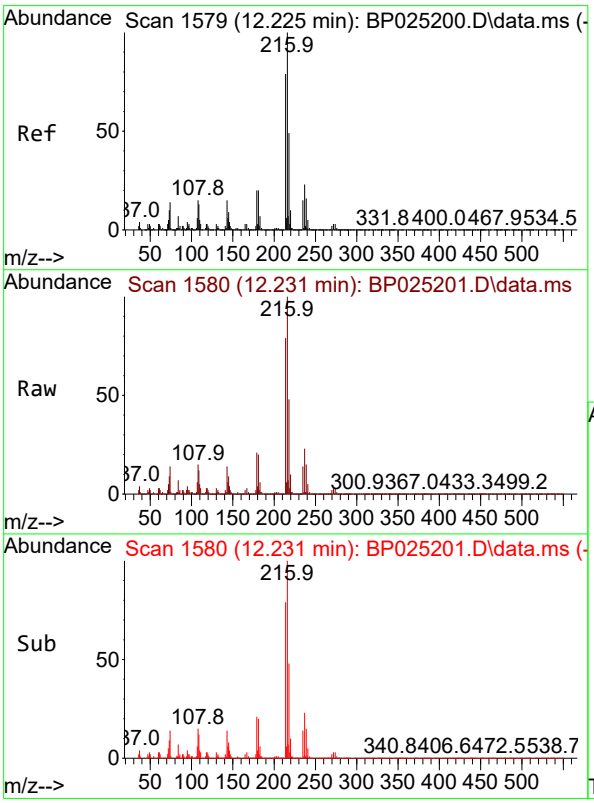
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.3	120.5
160	43.6	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

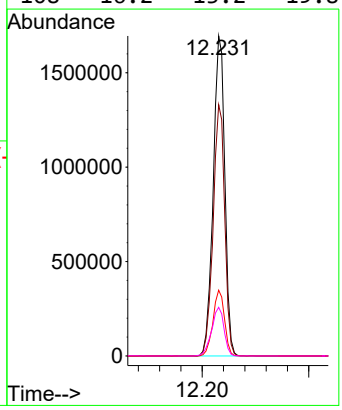
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

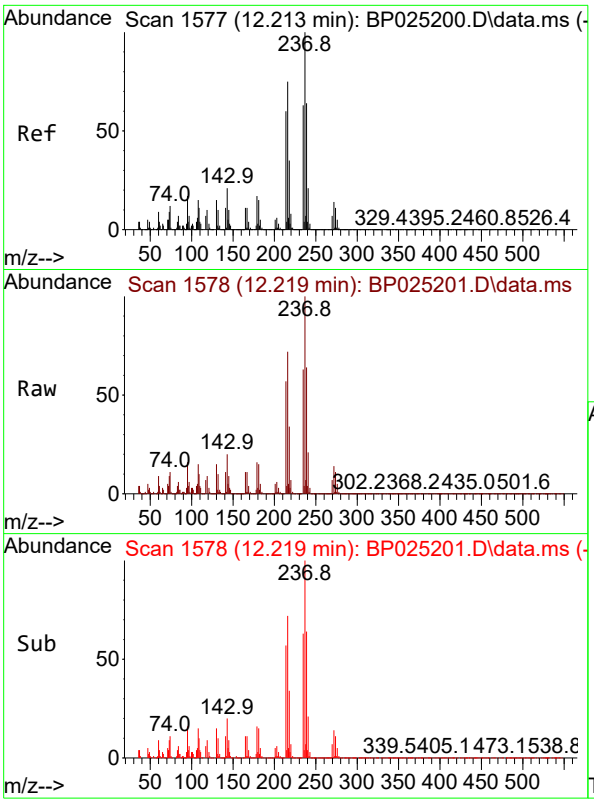


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.721 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:216 Resp: 2560877

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.7	94.1
179	20.5	16.2	24.4
108	16.2	13.2	19.8

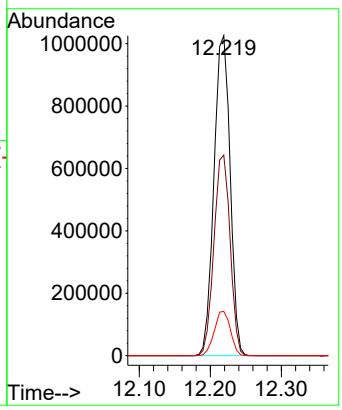




#41
Hexachlorocyclopentadiene
Concen: 58.674 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:237 Resp: 161618

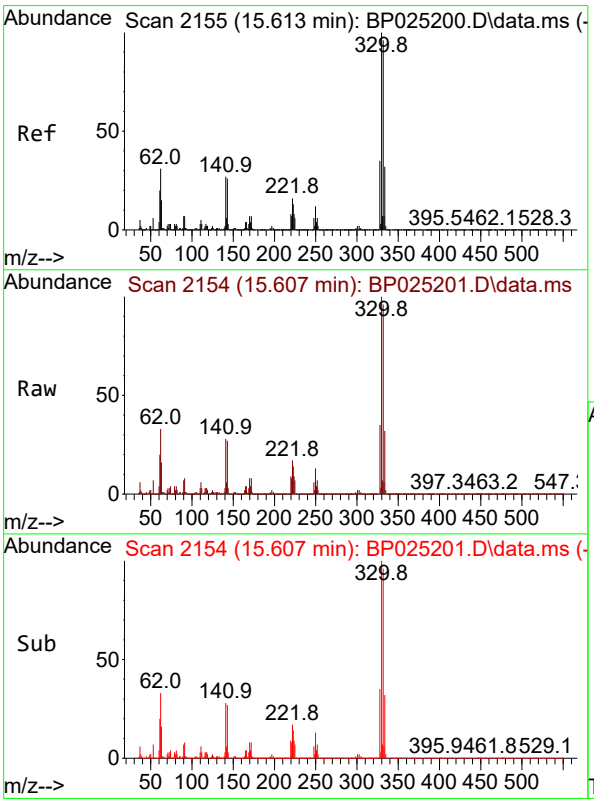
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.9	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

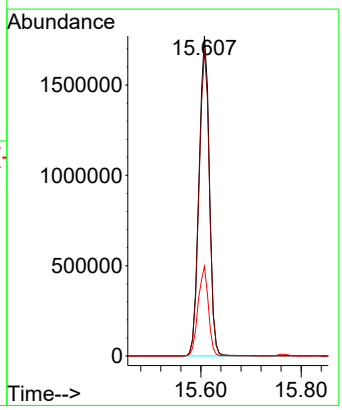
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

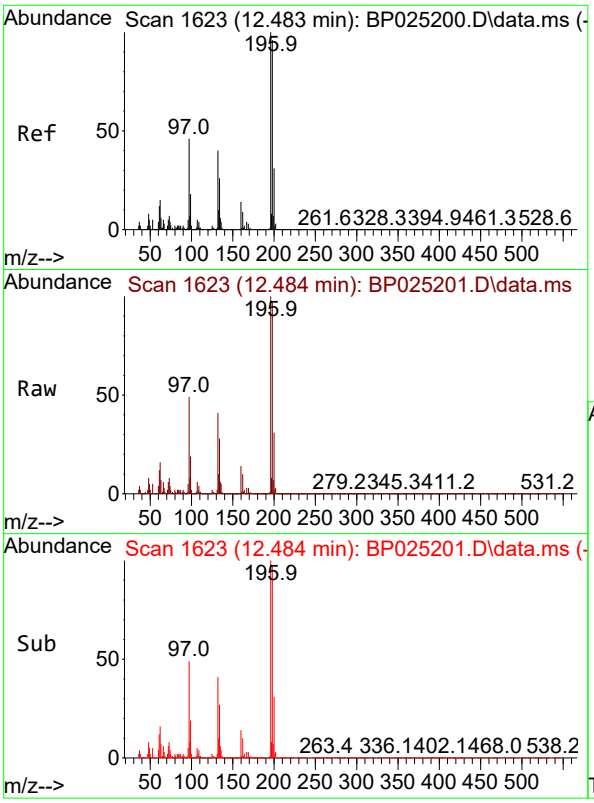


#42
2,4,6-Tribromophenol
Concen: 106.212 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:330 Resp: 2533319

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	27.6	22.4	33.6

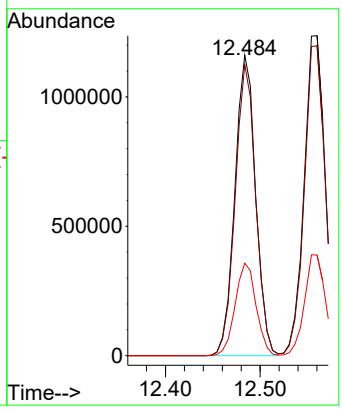




#43
2,4,6-Trichlorophenol
Concen: 53.947 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:196 Resp: 177061

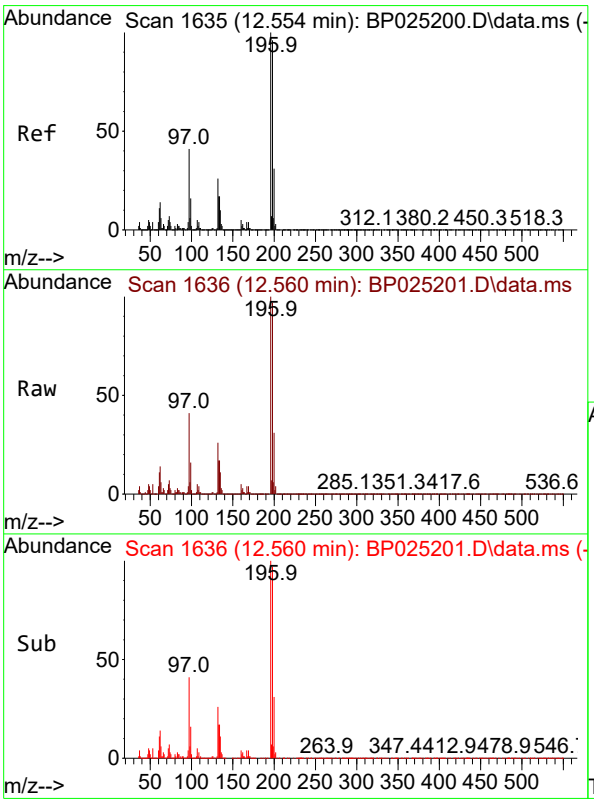
Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	114.8
200	30.8	24.7	37.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

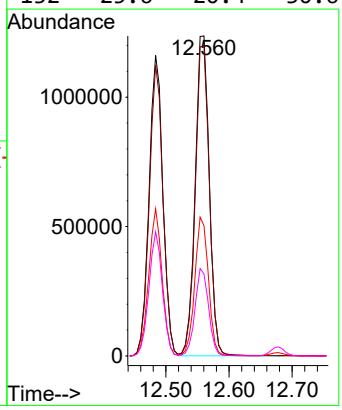
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

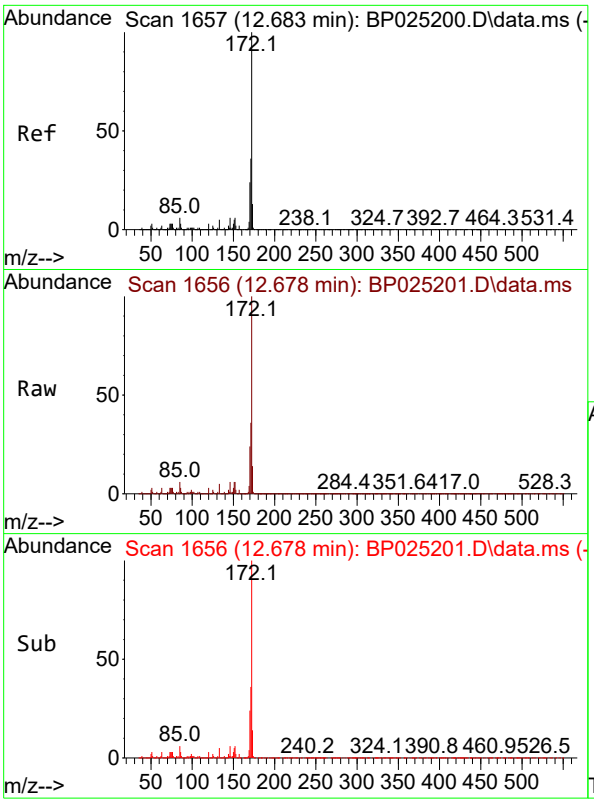


#44
2,4,5-Trichlorophenol
Concen: 53.026 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:196 Resp: 1918353

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.7	115.1
97	40.7	33.0	49.4
132	25.6	20.4	30.6

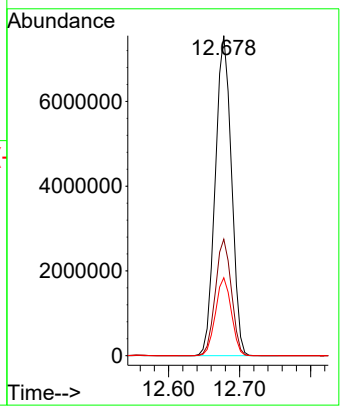




#45
2-Fluorobiphenyl
Concen: 98.364 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:172 Resp:1191755

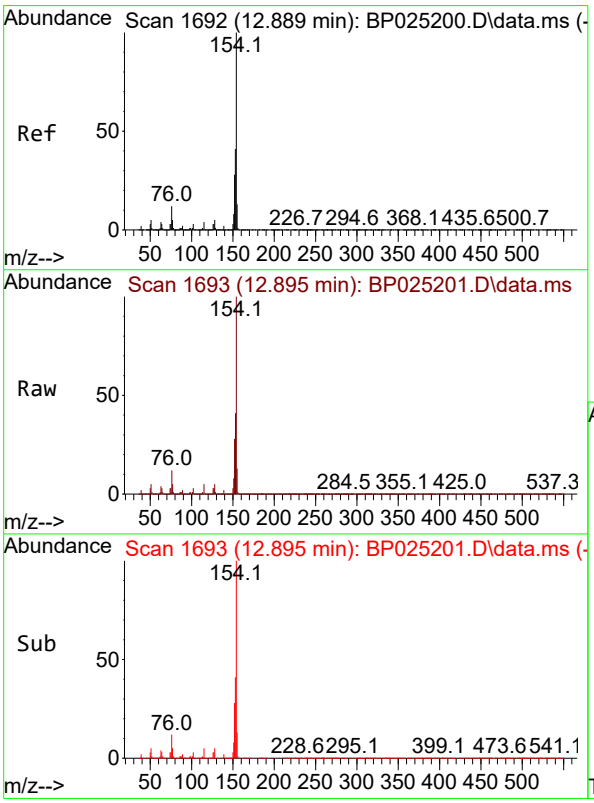
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.8	43.2
170	24.3	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

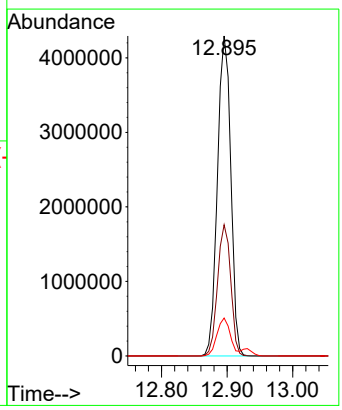
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

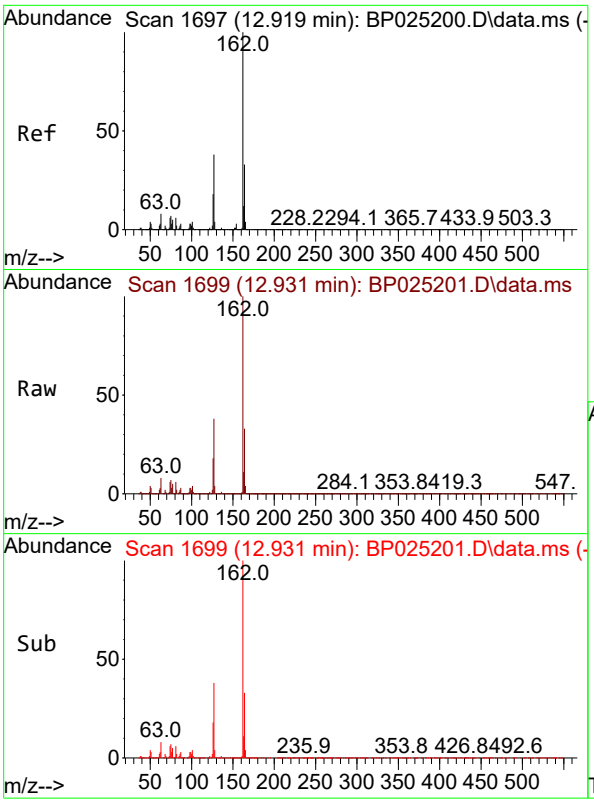


#46
1,1'-Biphenyl
Concen: 50.798 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 6024880

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	11.9	0.0	31.6

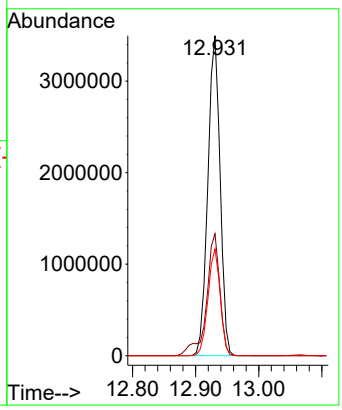




#47
2-Chloronaphthalene
Concen: 51.398 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:162 Resp: 472291

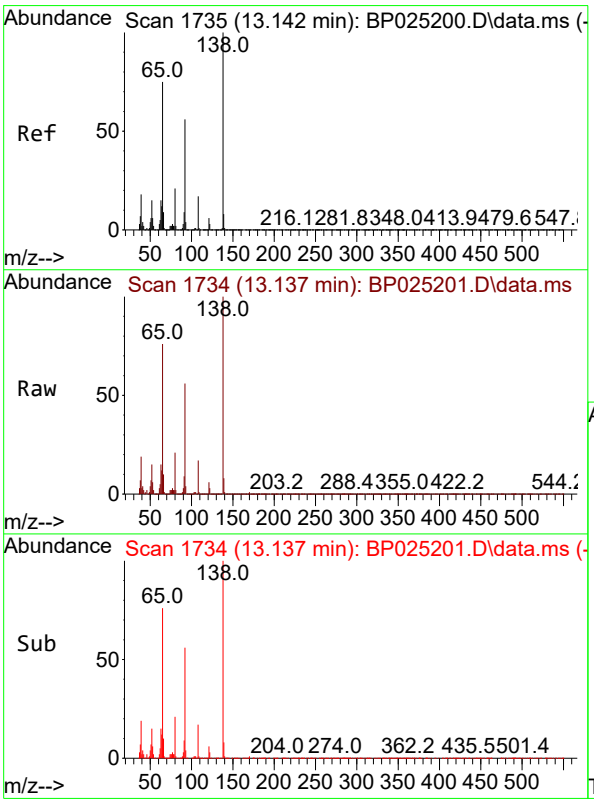
Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.1	45.1
164	33.4	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

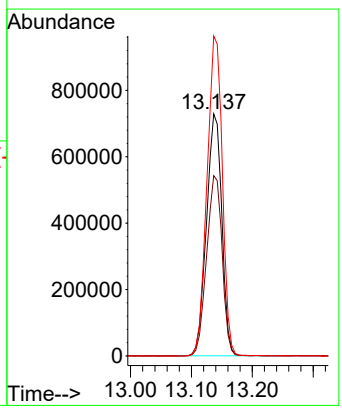
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

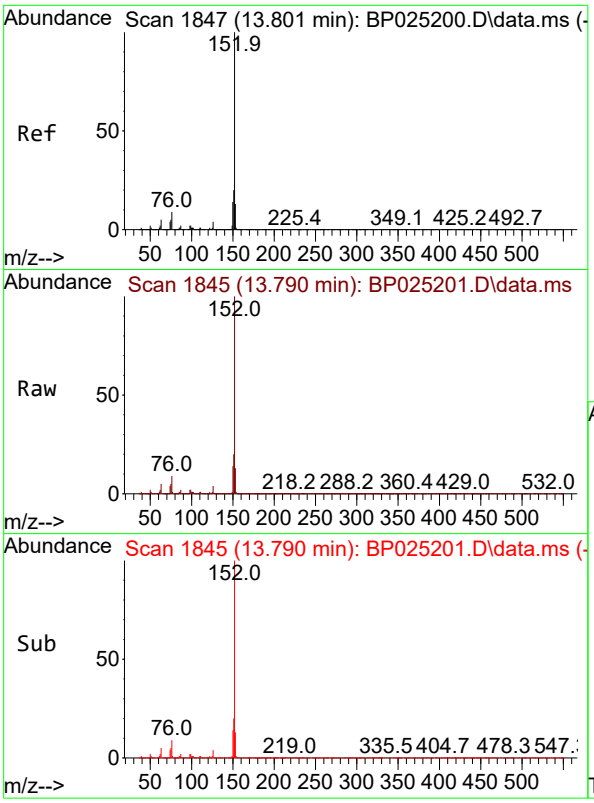


#48
2-Nitroaniline
Concen: 55.436 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 65 Resp: 1277778

Ion	Ratio	Lower	Upper
65	100		
92	74.5	59.9	89.9
138	132.2	107.1	160.7





#49
Acenaphthylene
Concen: 52.119 ng
RT: 13.790 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

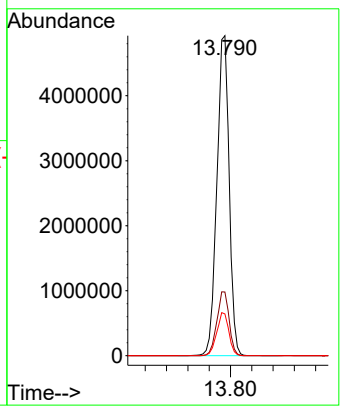
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

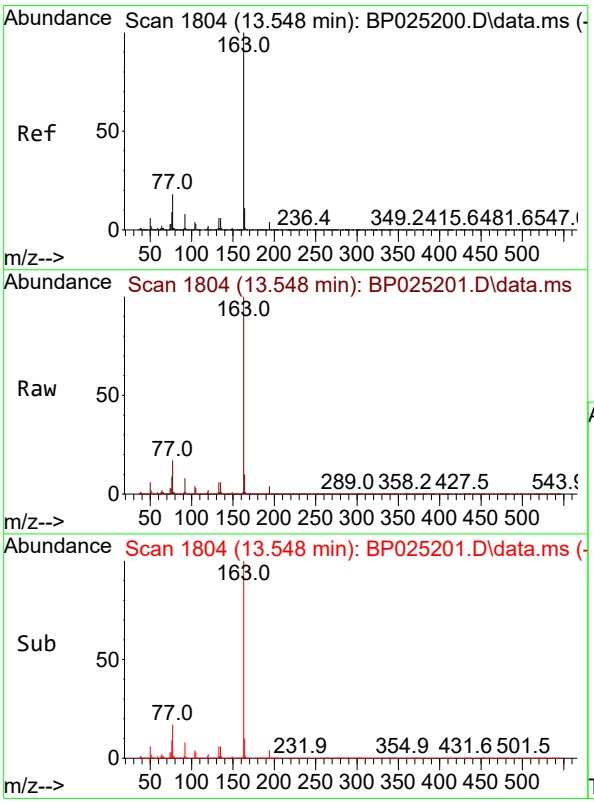
Tgt Ion:152 Resp: 785326

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.1	10.6	15.8

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

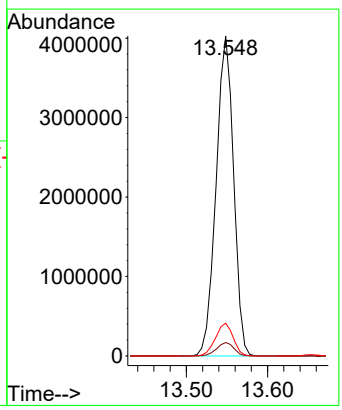


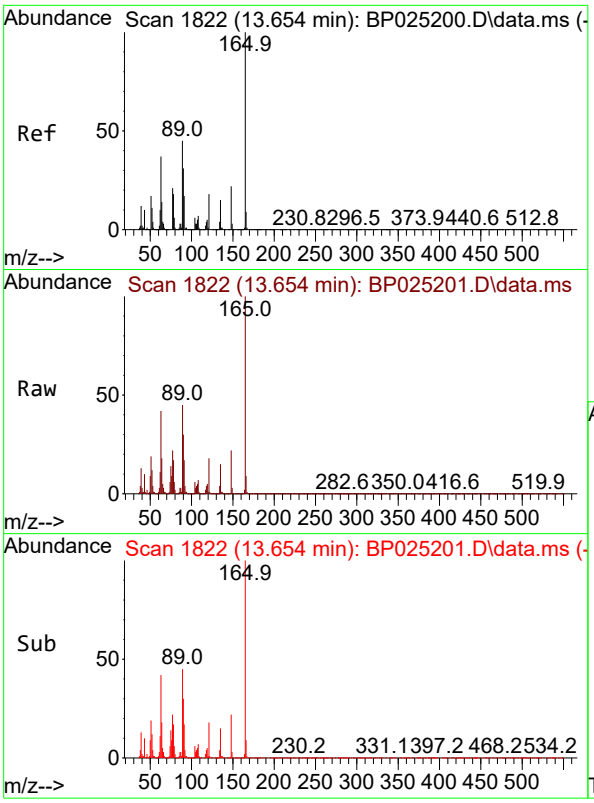


#50
Dimethylphthalate
Concen: 51.655 ng
RT: 13.548 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:163 Resp: 6045361

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.5	12.7

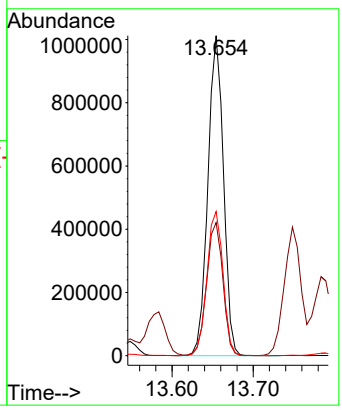




#51
2,6-Dinitrotoluene
Concen: 54.301 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:165 Resp: 134524

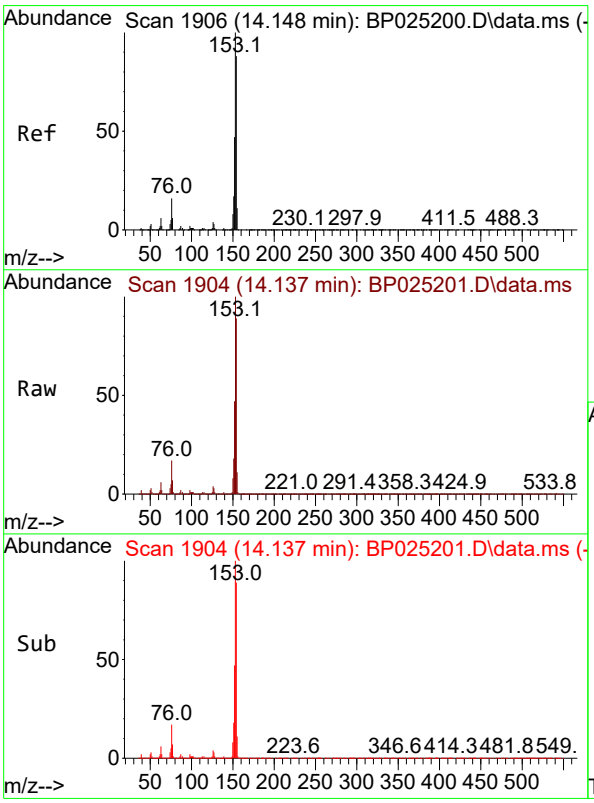
Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.4	50.2
89	45.1	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

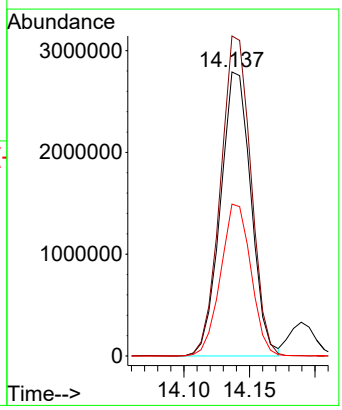
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

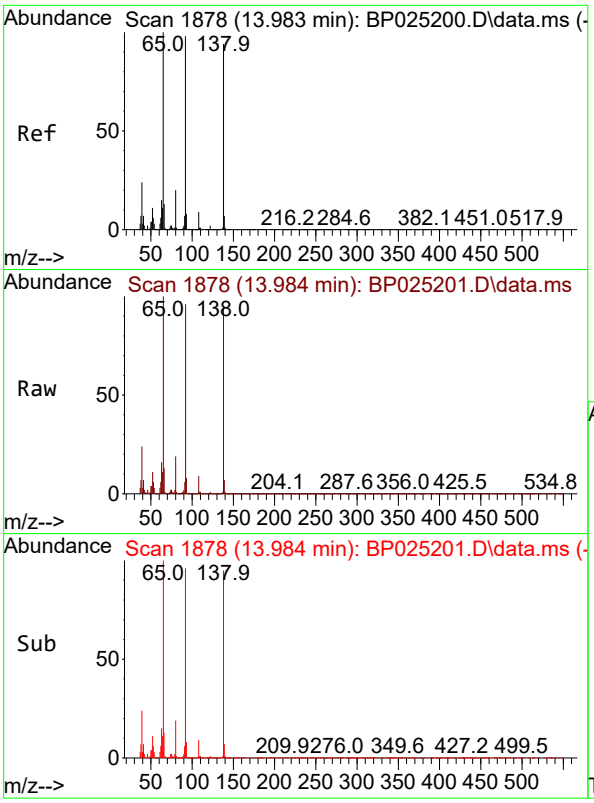


#52
Acenaphthene
Concen: 52.046 ng
RT: 14.137 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 4517722

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.7	136.1
152	53.5	42.9	64.3

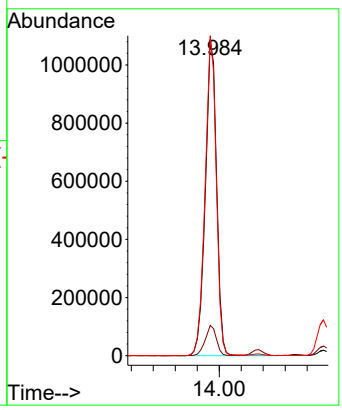




#53
3-Nitroaniline
Concen: 55.030 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:138 Resp: 153822

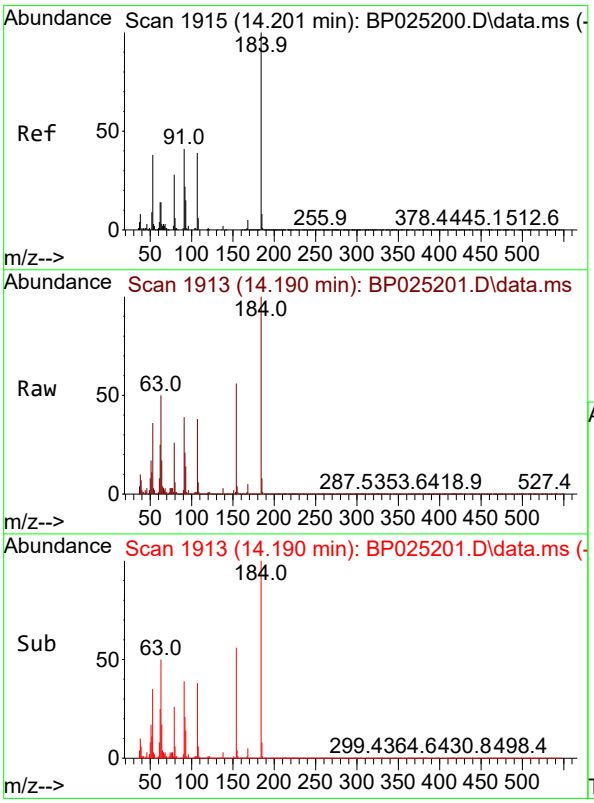
Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	101.1	83.2	124.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

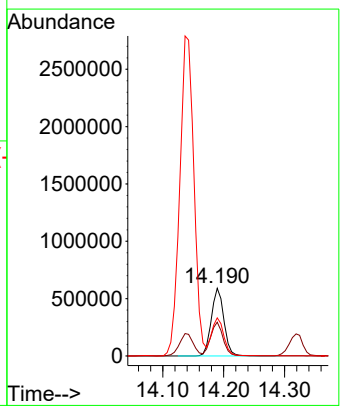
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

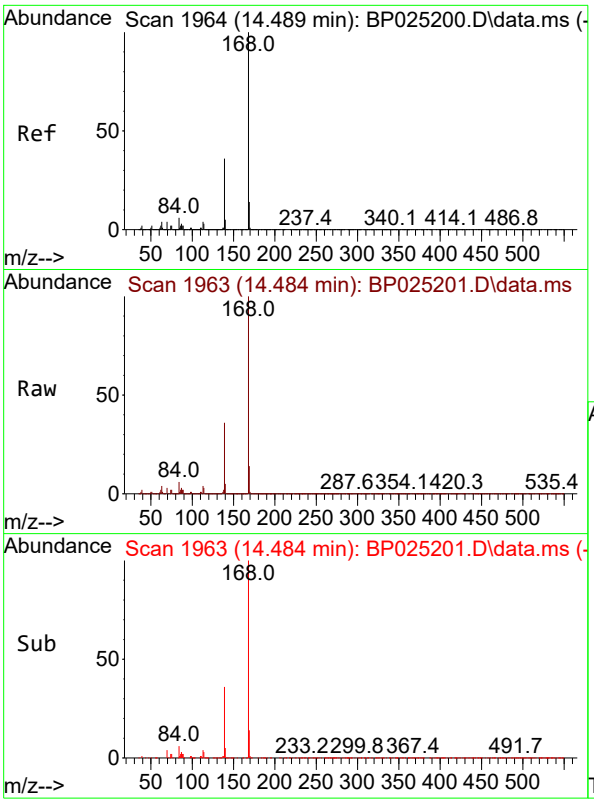


#54
2,4-Dinitrophenol
Concen: 60.917 ng
RT: 14.190 min Scan# 1913
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:184 Resp: 845681

Ion	Ratio	Lower	Upper
184	100		
63	50.1	41.8	62.8
154	56.3	45.7	68.5

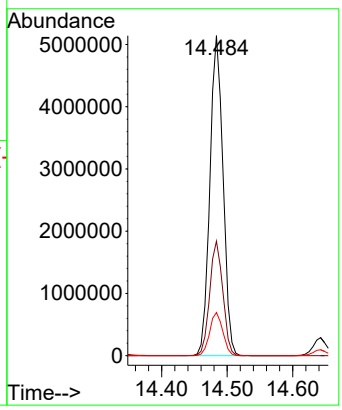




#55
Dibenzofuran
Concen: 50.912 ng
RT: 14.484 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:168 Resp: 715519

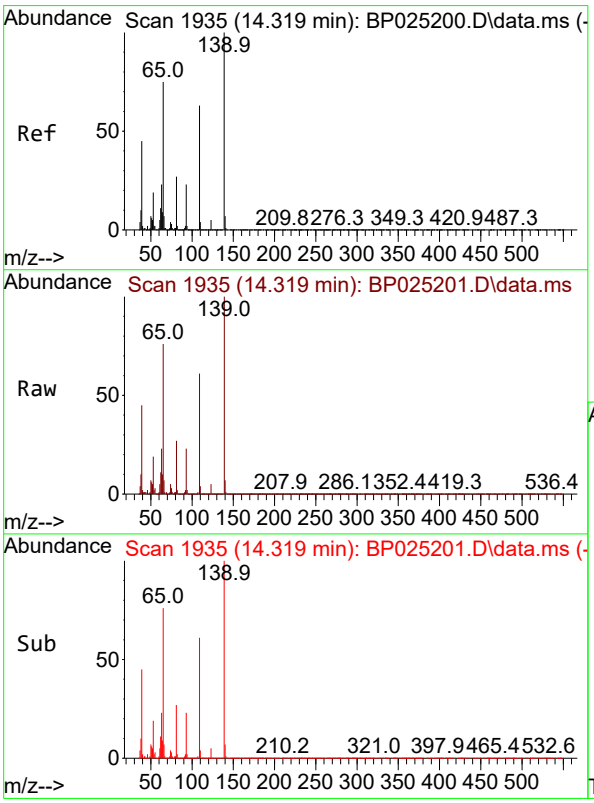
Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.7	43.1
169	13.5	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

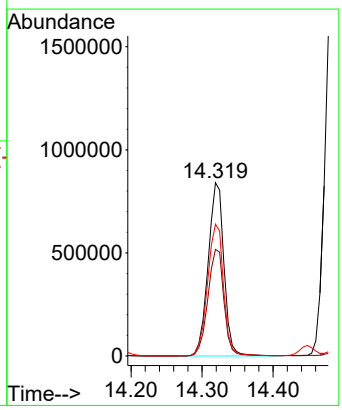
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

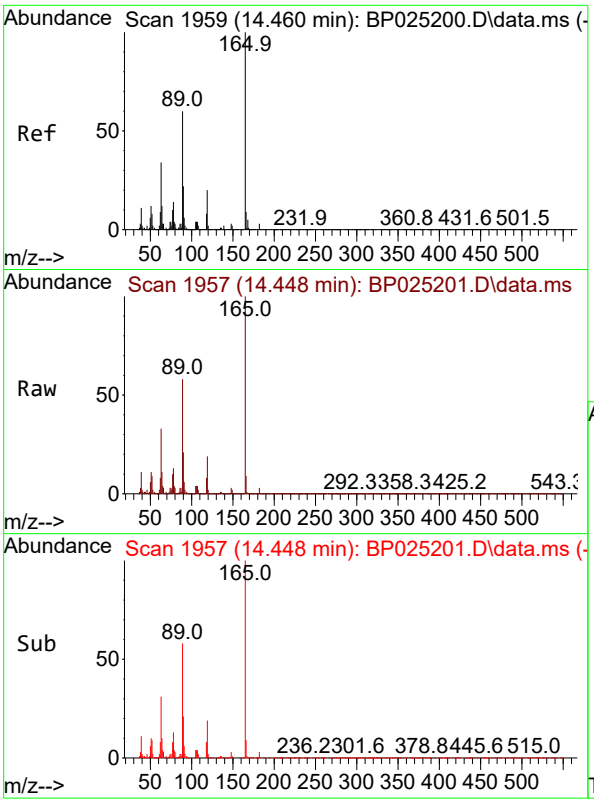


#56
4-Nitrophenol
Concen: 54.419 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1296281

Ion	Ratio	Lower	Upper
139	100		
109	61.5	42.6	82.6
65	76.1	55.4	95.4

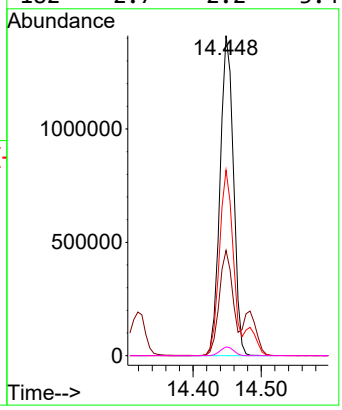




#57
2,4-Dinitrotoluene
Concen: 55.973 ng
RT: 14.448 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:165 Resp: 193178

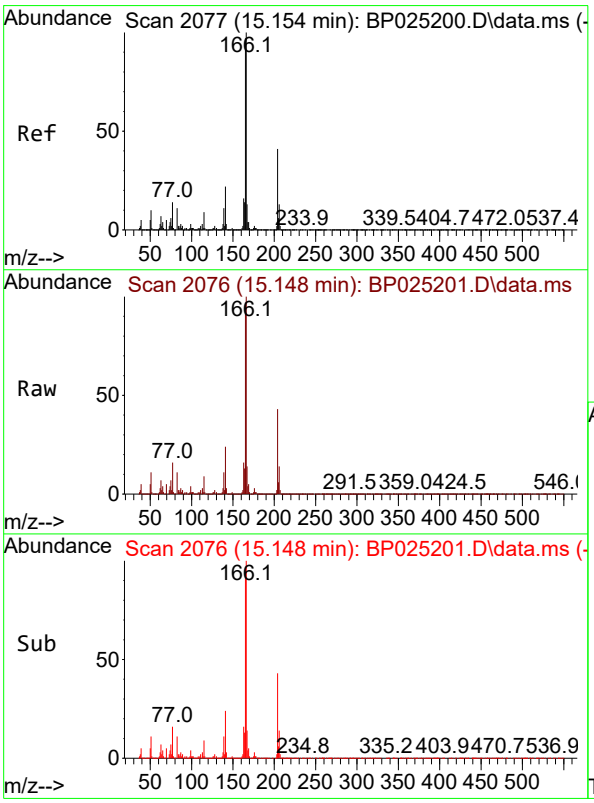
Ion	Ratio	Lower	Upper
165	100		
63	32.9	27.0	40.4
89	58.0	47.8	71.6
182	2.7	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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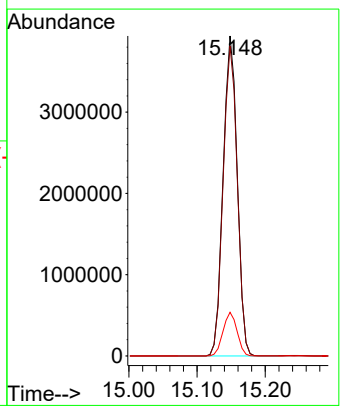
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

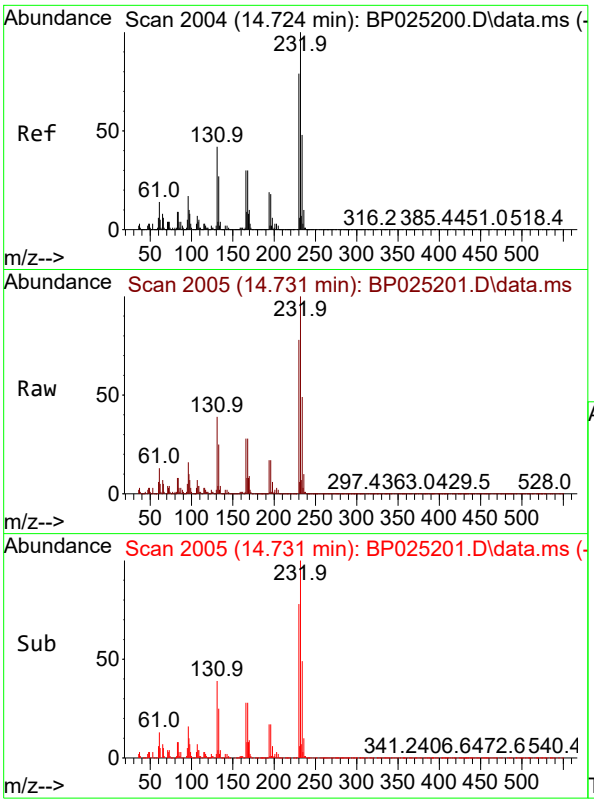


#58
Fluorene
Concen: 50.552 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:166 Resp: 5666693

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	13.6	10.7	16.1

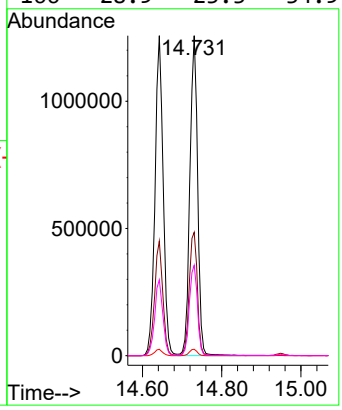




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.430 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:232 Resp: 171111

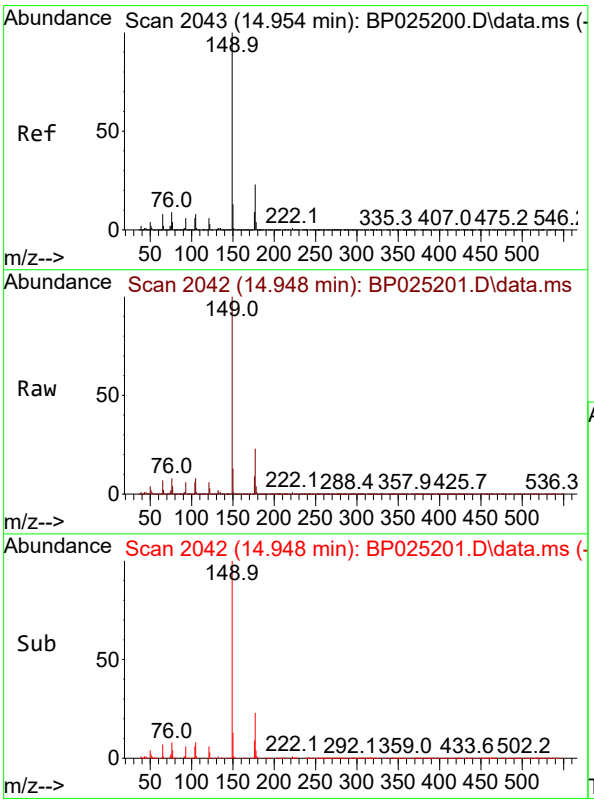
Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.6	48.8
130	2.1	1.6	2.4
166	28.9	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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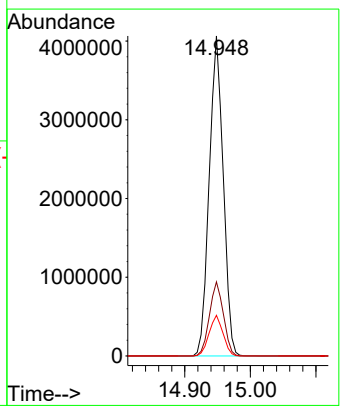
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

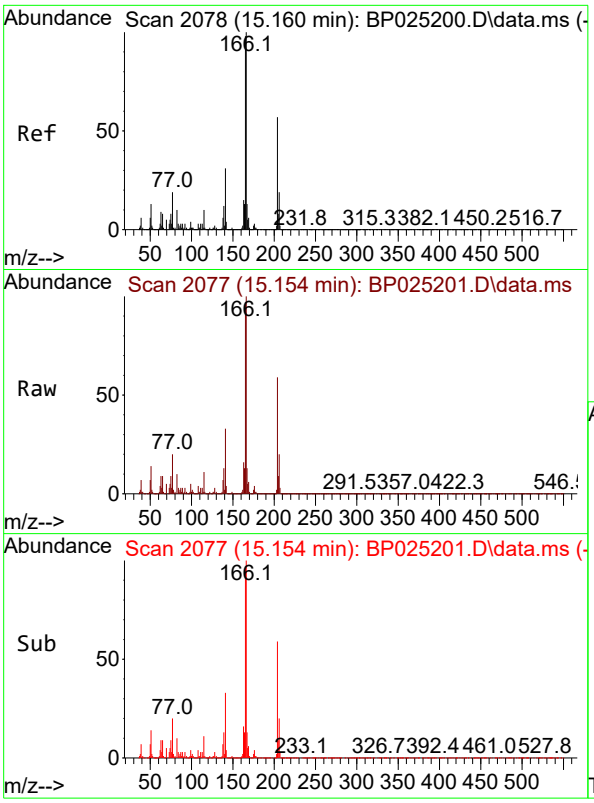


#60
Diethylphthalate
Concen: 52.170 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 6032748

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.7	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.953 ng
RT: 15.154 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

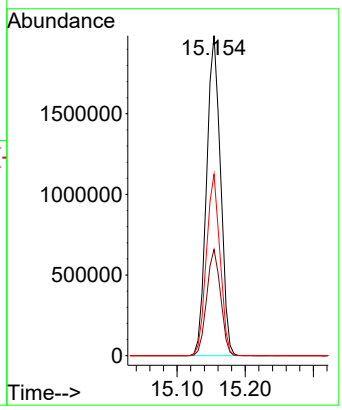
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

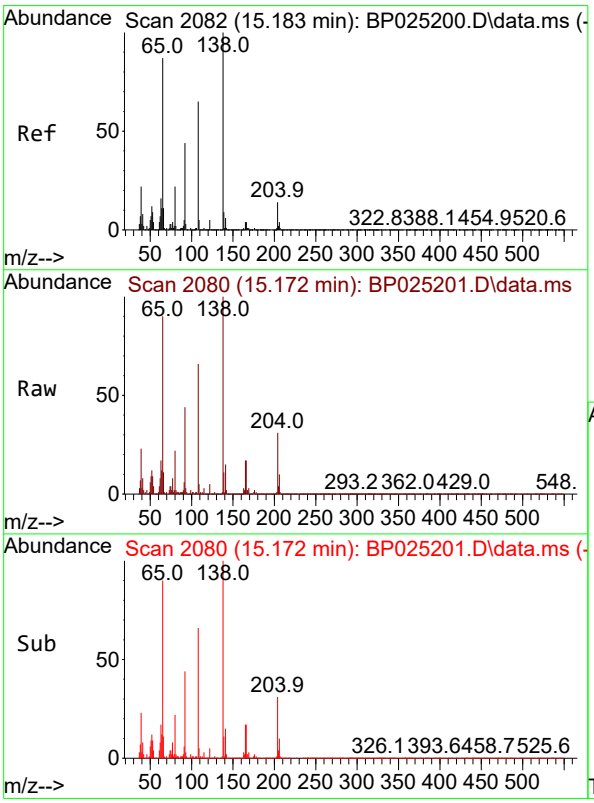
Tgt Ion:204 Resp: 282238

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	56.7	43.0	64.6

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

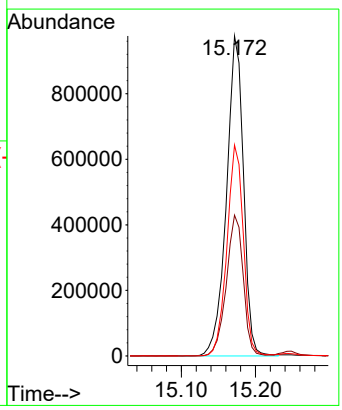


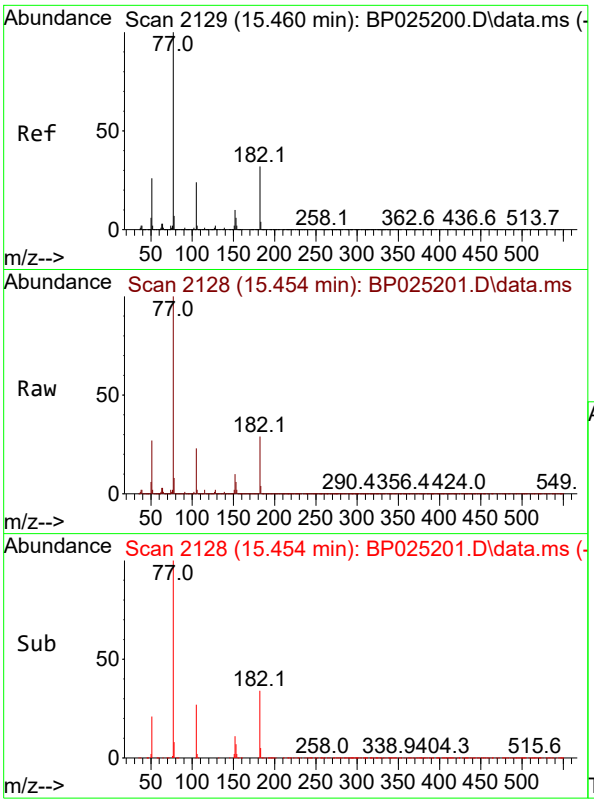


#62
4-Nitroaniline
Concen: 54.694 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:138 Resp: 1557916

Ion	Ratio	Lower	Upper
138	100		
92	44.0	24.0	64.0
108	65.9	44.9	84.9

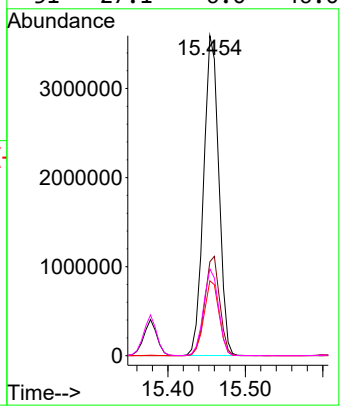




#63
Azobenzene
Concen: 52.623 ng
RT: 15.454 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 488797

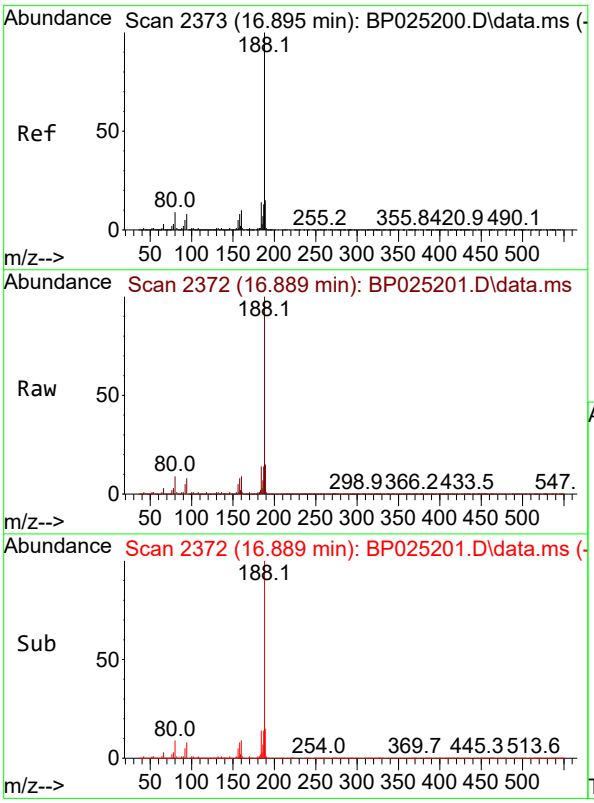
Ion	Ratio	Lower	Upper
77	100		
182	29.4	12.0	52.0
105	23.4	3.6	43.6
51	27.1	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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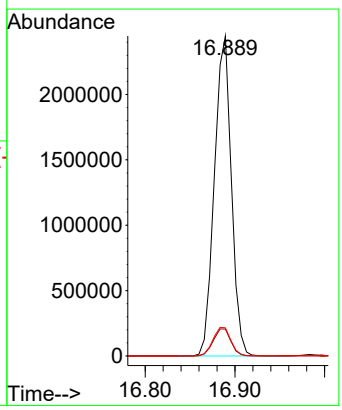
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

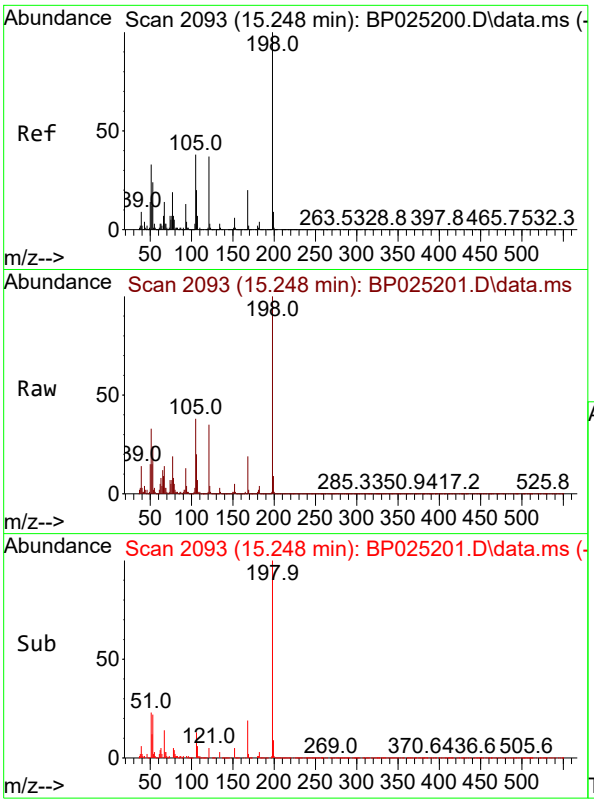


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:188 Resp: 3210937

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.8	7.3	10.9

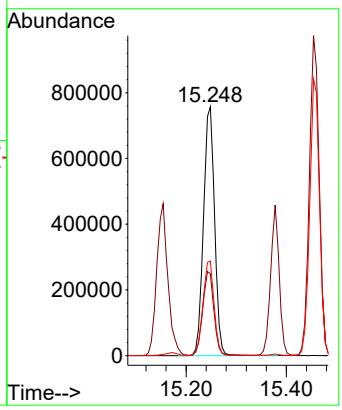




#65
4,6-Dinitro-2-methylphenol
Concen: 58.004 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:198 Resp: 116597

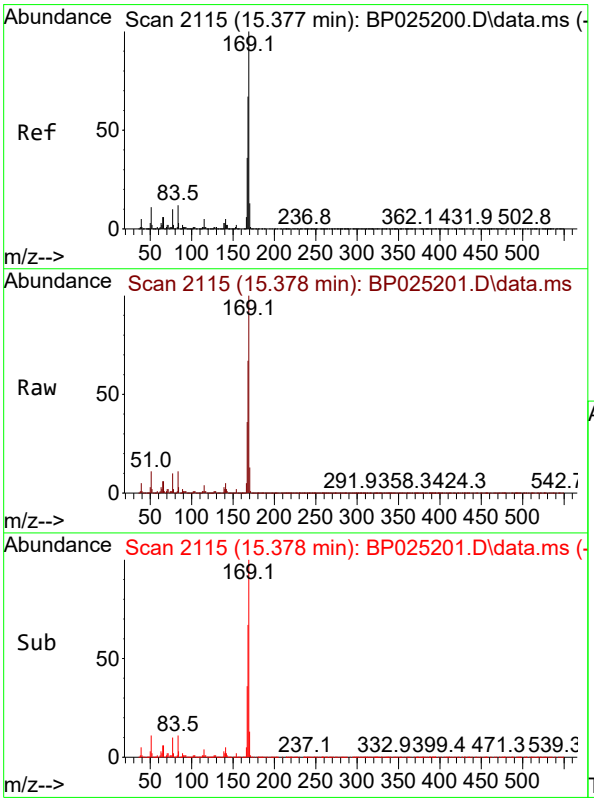
Ion	Ratio	Lower	Upper
198	100		
51	32.9	14.6	54.6
105	38.1	18.3	58.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

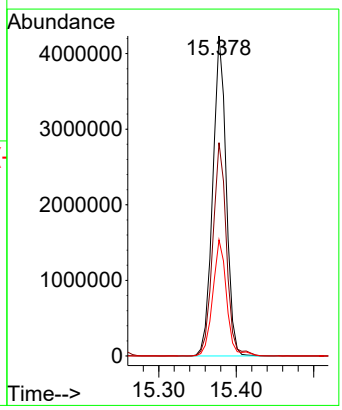
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

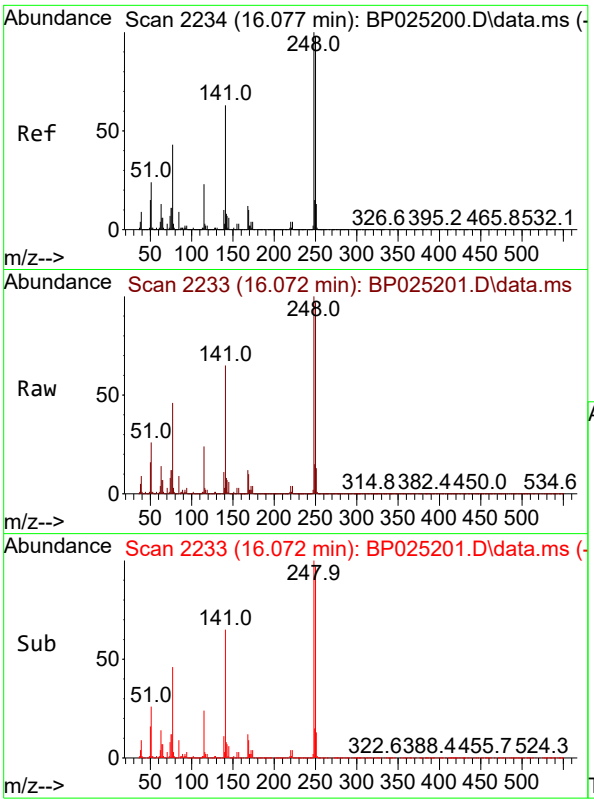


#66
n-Nitrosodiphenylamine
Concen: 50.889 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:169 Resp: 5088804

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.7	80.5
167	36.3	29.0	43.6

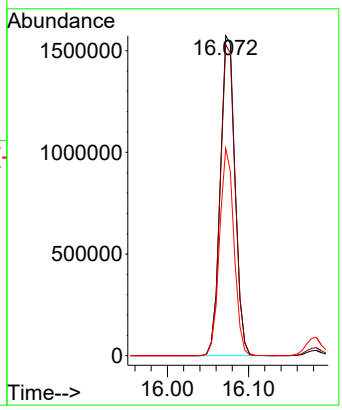




#67
4-Bromophenyl-phenylether
Concen: 52.573 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:248 Resp: 199033

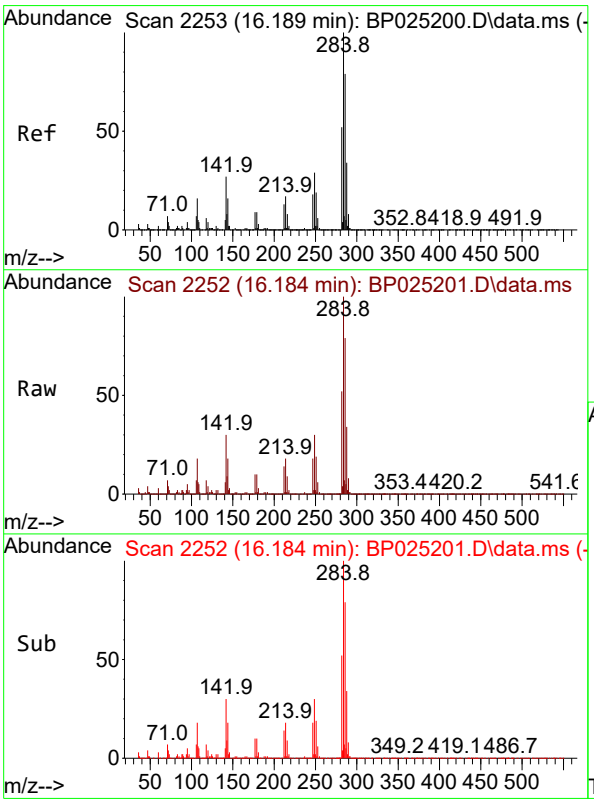
Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.5	117.7
141	64.8	50.5	75.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

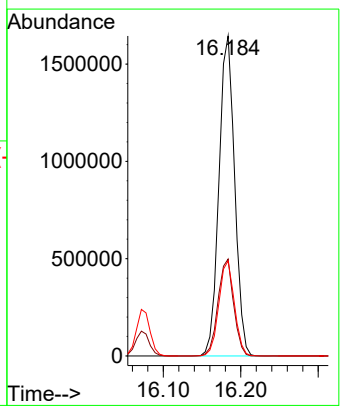
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

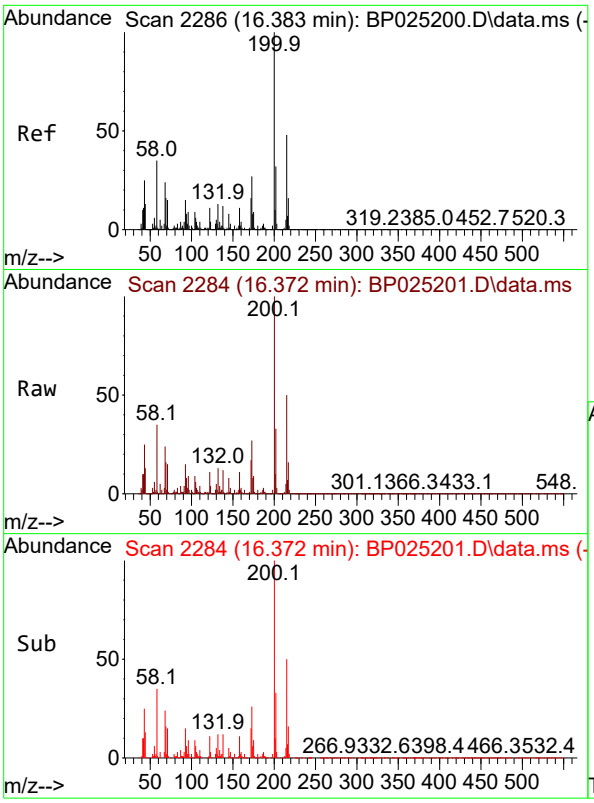


#68
Hexachlorobenzene
Concen: 51.350 ng
RT: 16.184 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:284 Resp: 2321405

Ion	Ratio	Lower	Upper
284	100		
142	30.3	21.5	32.3
249	29.7	23.4	35.0

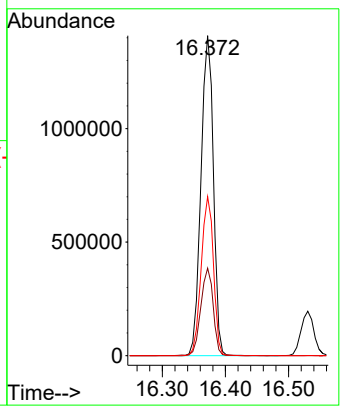




#69
Atrazine
Concen: 52.693 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:200 Resp: 192061

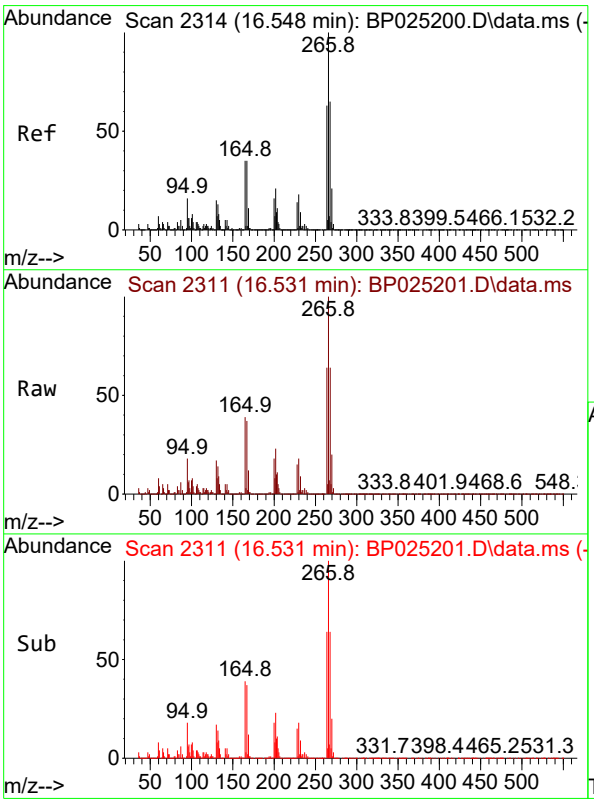
Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	49.7	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

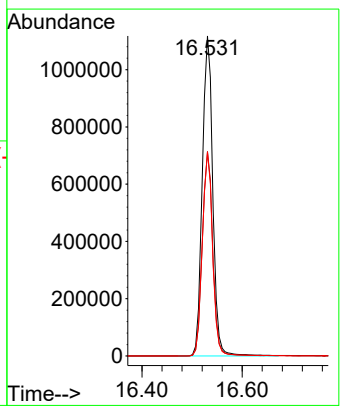
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

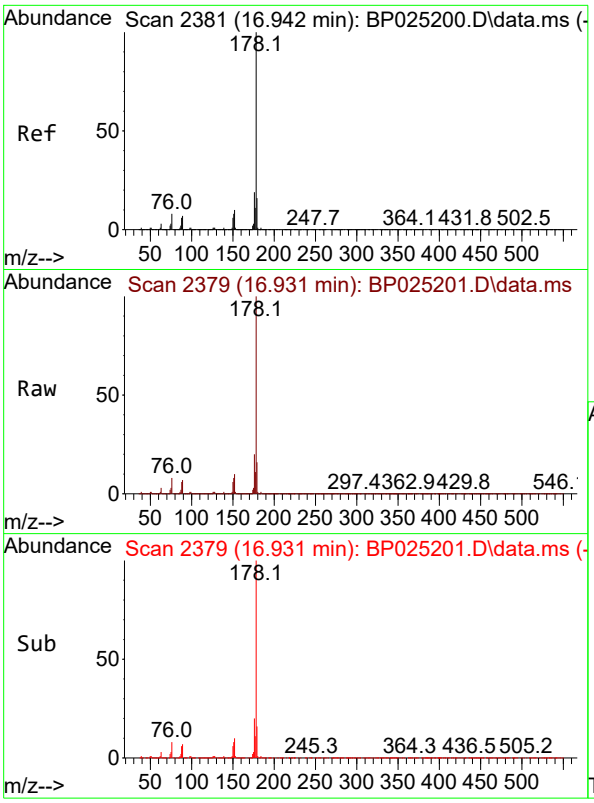


#70
Pentachlorophenol
Concen: 54.041 ng
RT: 16.531 min Scan# 2311
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:266 Resp: 1626155

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.8	77.6
264	63.8	50.3	75.5

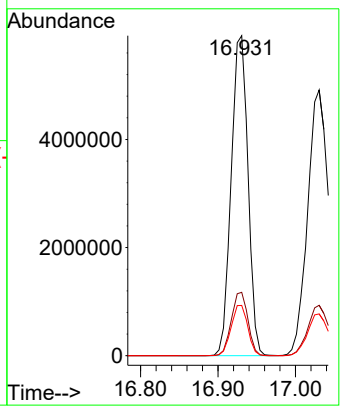




#71
Phenanthrene
Concen: 49.912 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:178 Resp: 892992

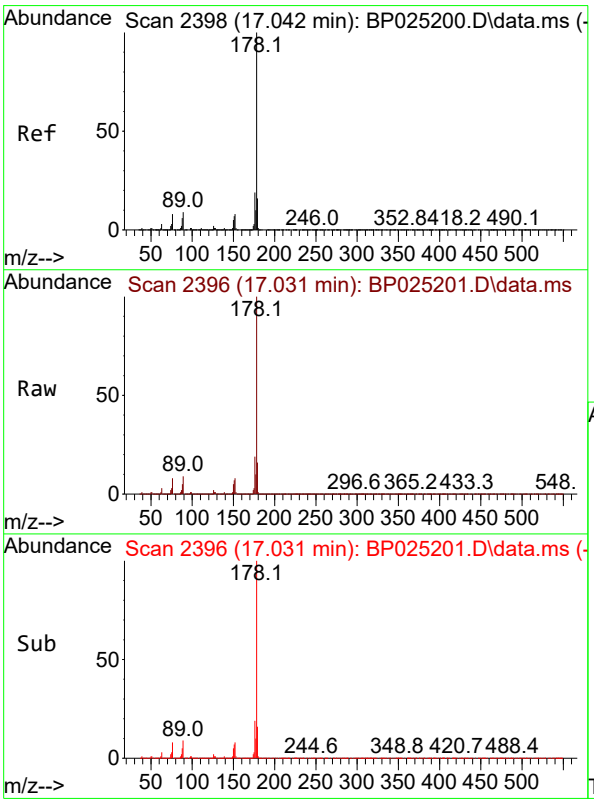
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.7	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

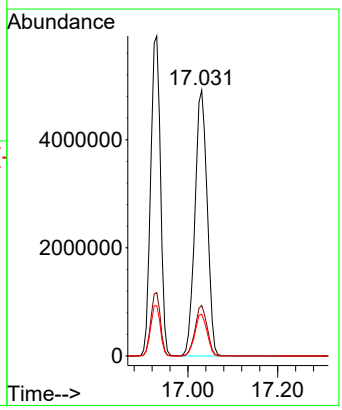
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

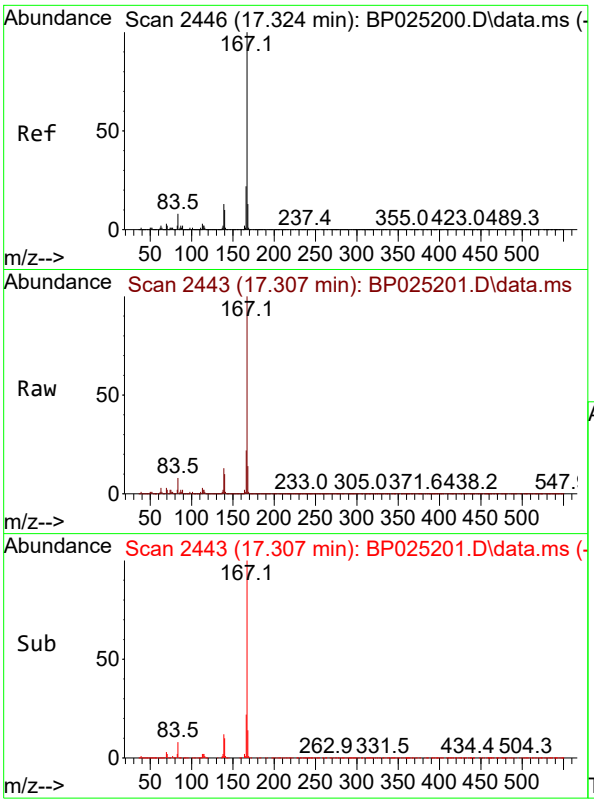


#72
Anthracene
Concen: 51.310 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:178 Resp: 9319174

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.7	12.5	18.7

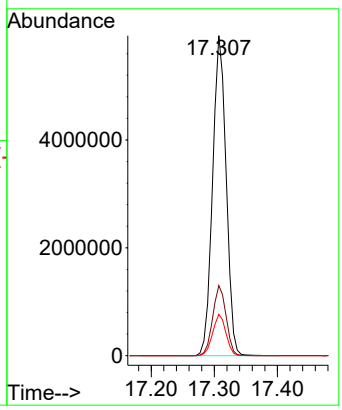




#73
Carbazole
Concen: 51.147 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:167 Resp: 883881

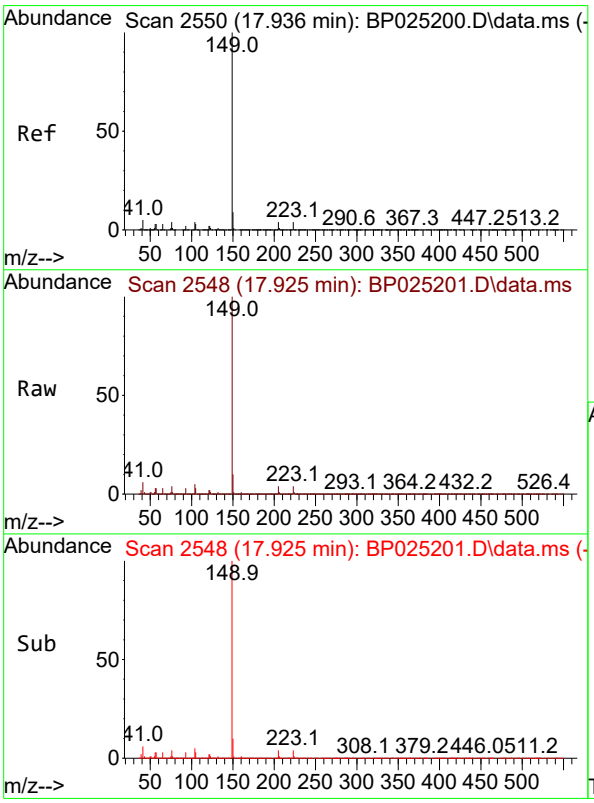
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.9	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

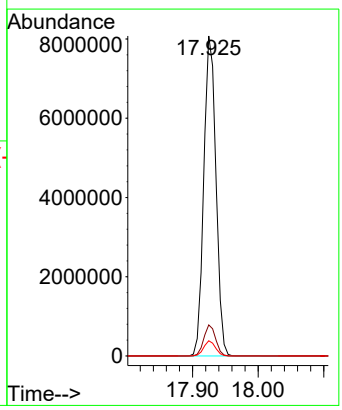
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

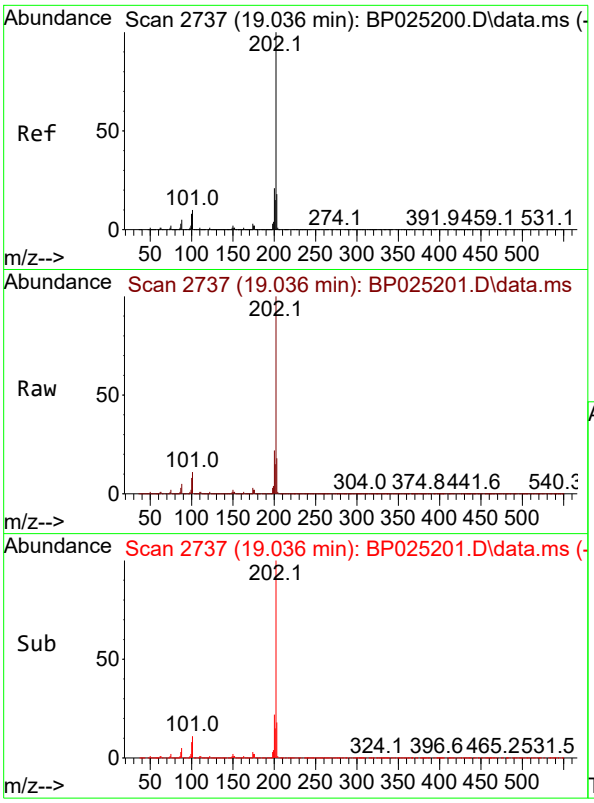


#74
Di-n-butylphthalate
Concen: 51.501 ng
RT: 17.925 min Scan# 2548
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp:10436099

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.7	3.5	5.3

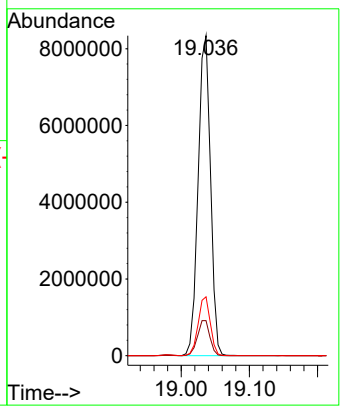




#75
Fluoranthene
Concen: 49.574 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:202 Resp:1048698

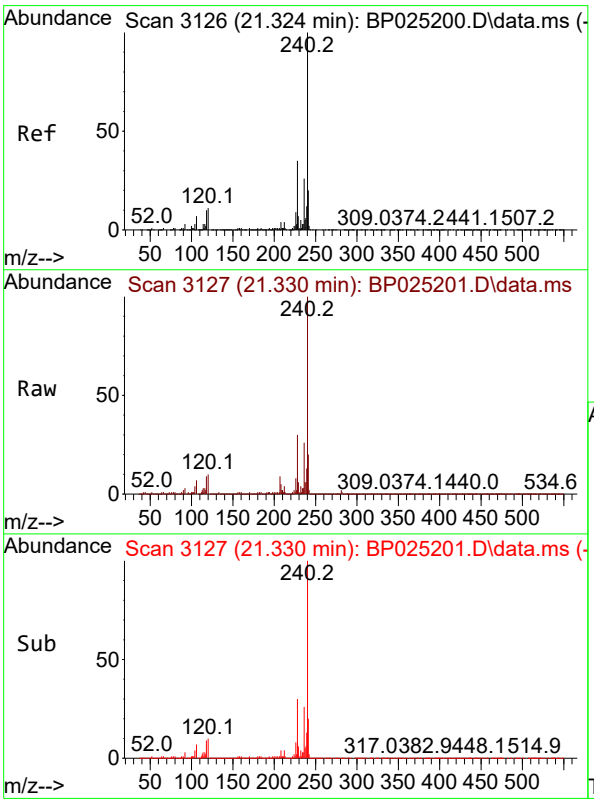
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	18.4	0.0	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

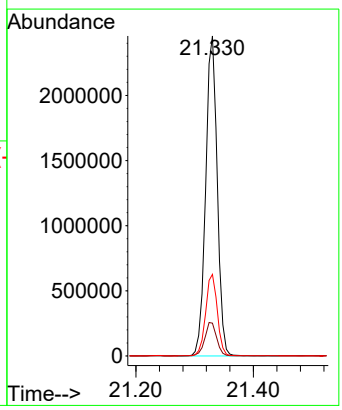
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

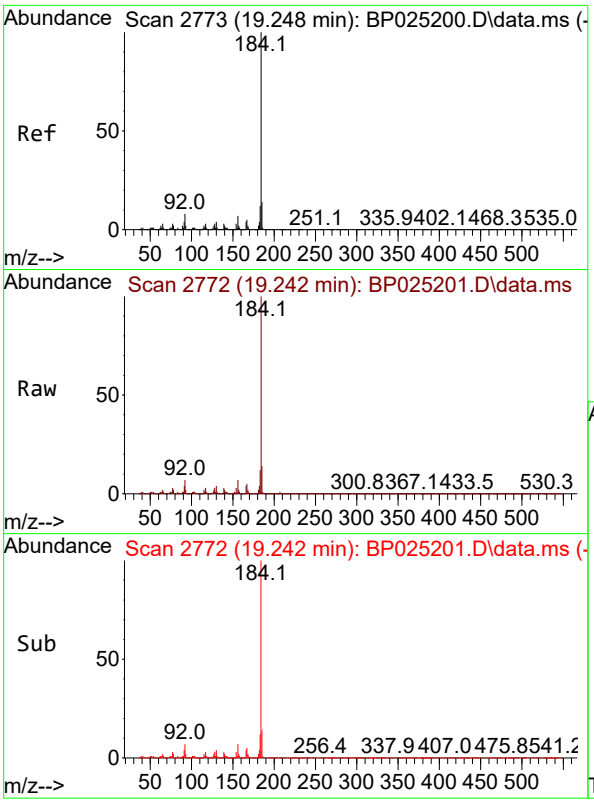


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:240 Resp: 3337112

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	25.5	20.9	31.3

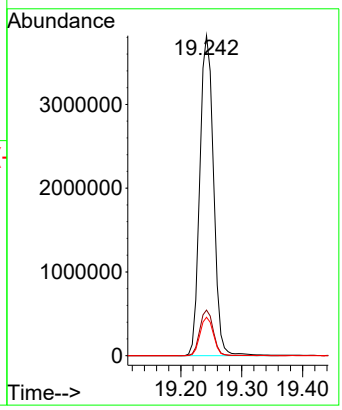




#77
Benzidine
Concen: 46.861 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:184 Resp: 597357

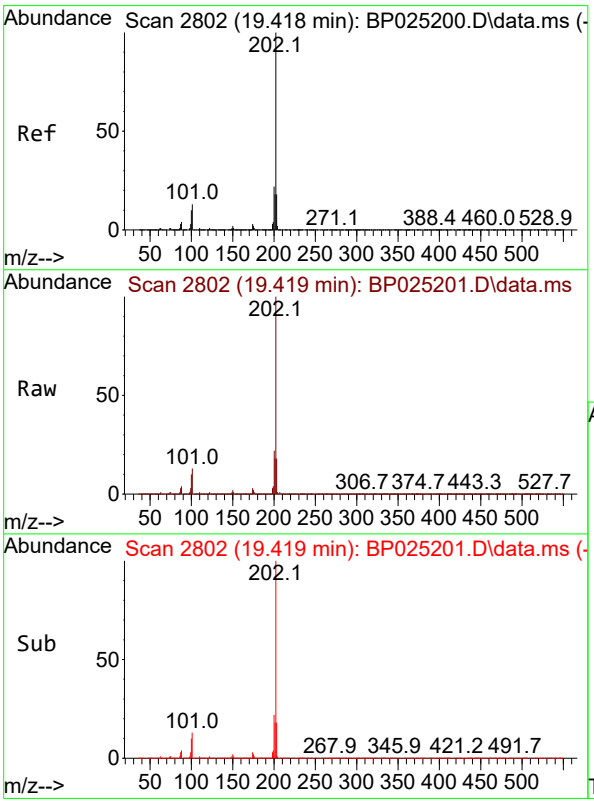
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.0	9.6	14.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

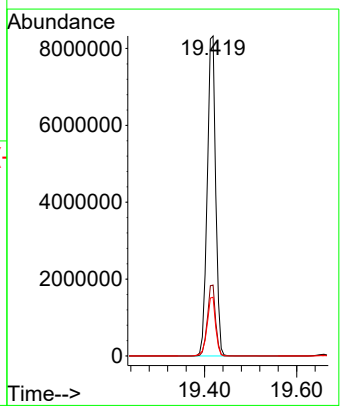
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

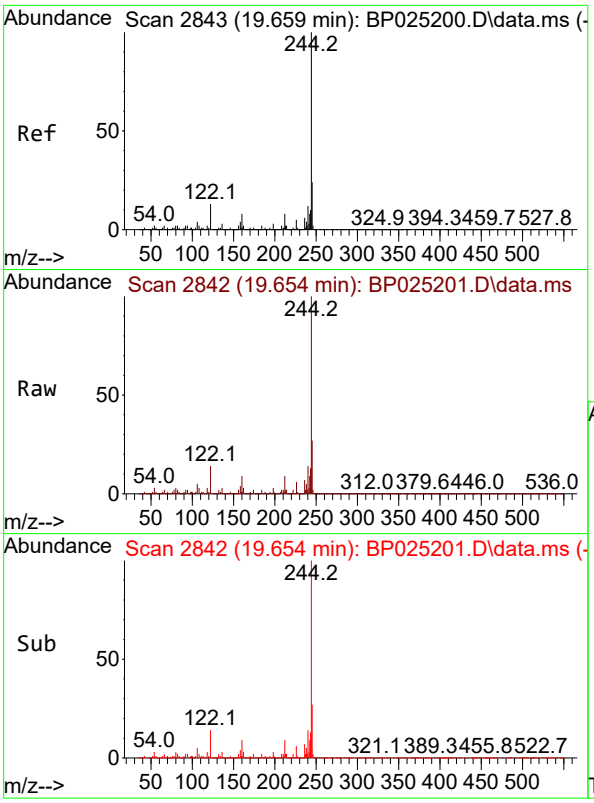


#78
Pyrene
Concen: 50.310 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:202 Resp:10669709

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.3	14.3	21.5





#79
Terphenyl-d14
Concen: 90.322 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

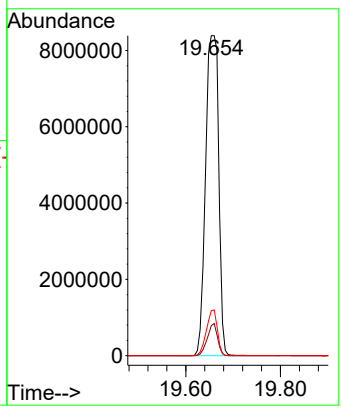
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

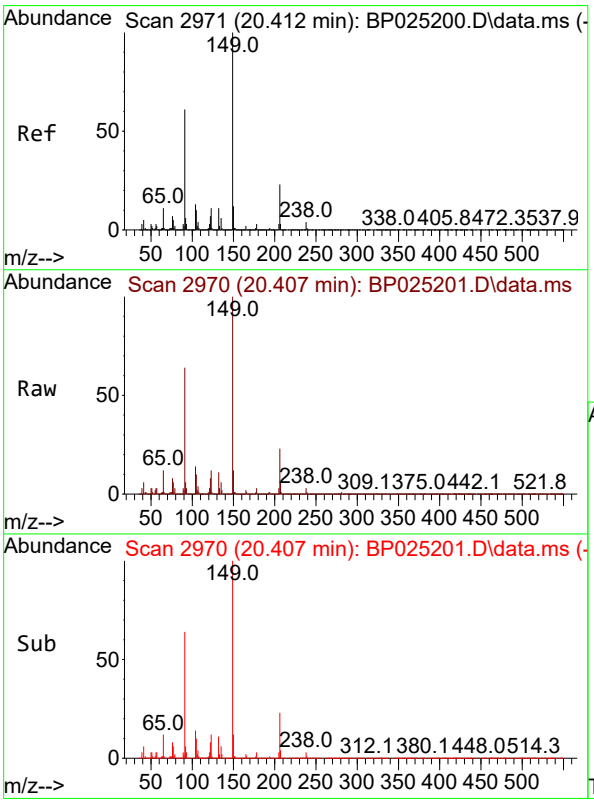
Tgt Ion:244 Resp:1613966

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.6	9.8
122	14.1	10.3	15.5

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

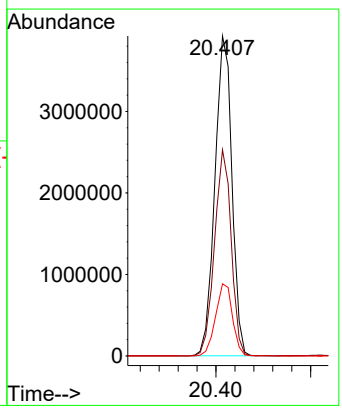


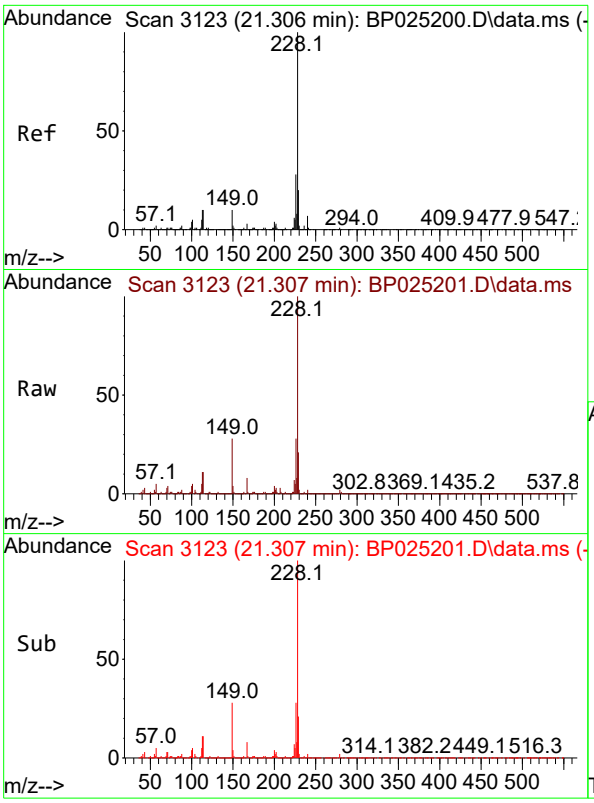


#80
Butylbenzylphthalate
Concen: 52.320 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 4896472

Ion	Ratio	Lower	Upper
149	100		
91	64.4	48.8	73.2
206	22.6	18.4	27.6

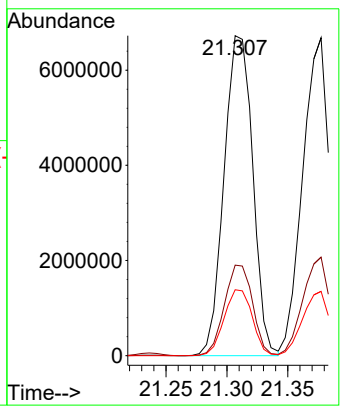




#81
Benzo(a)anthracene
Concen: 50.804 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:228 Resp:1102765

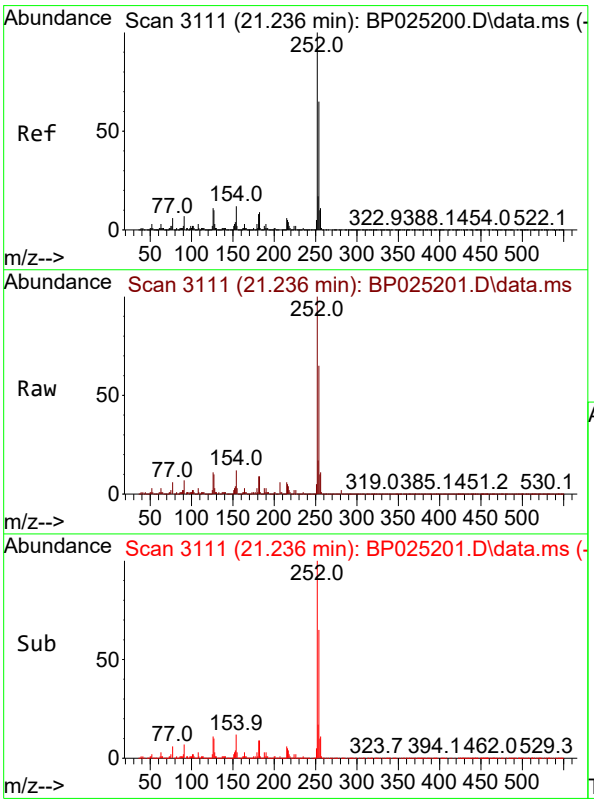
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.6	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

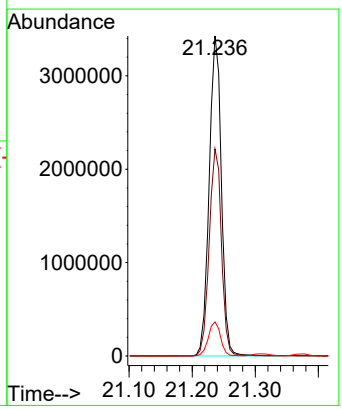
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

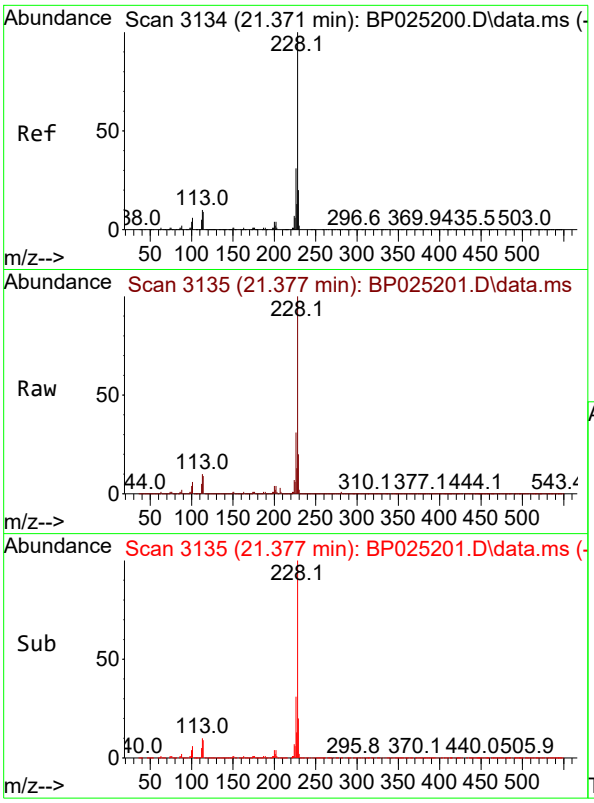


#82
3,3'-Dichlorobenzidine
Concen: 51.576 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp: 4590583

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.6	8.6	12.8





#83
Chrysene
Concen: 50.942 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

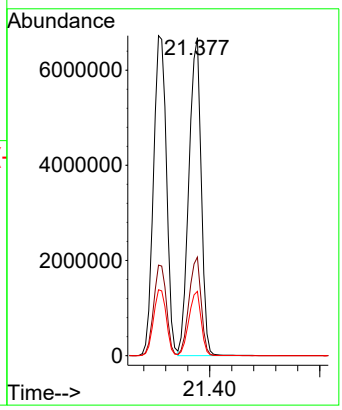
Tgt Ion:228 Resp:1031195

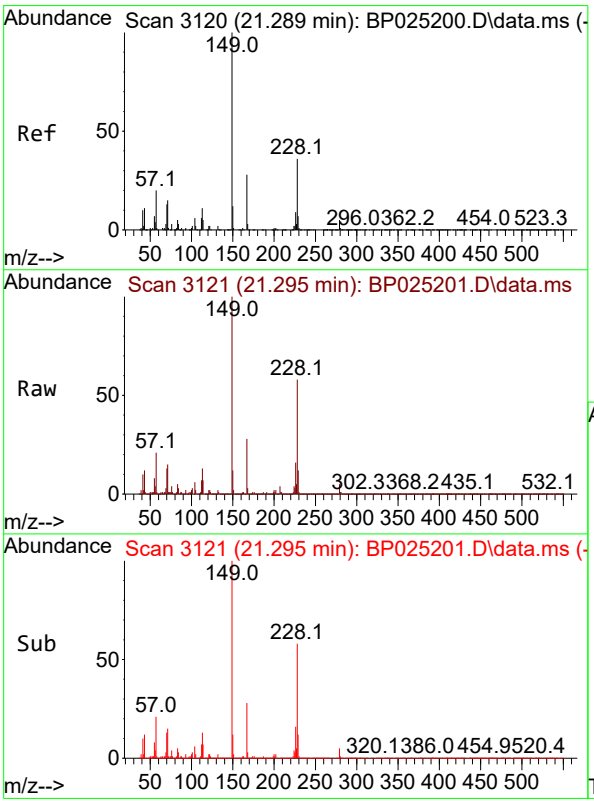
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.2	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

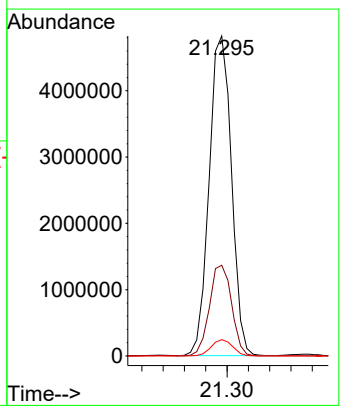


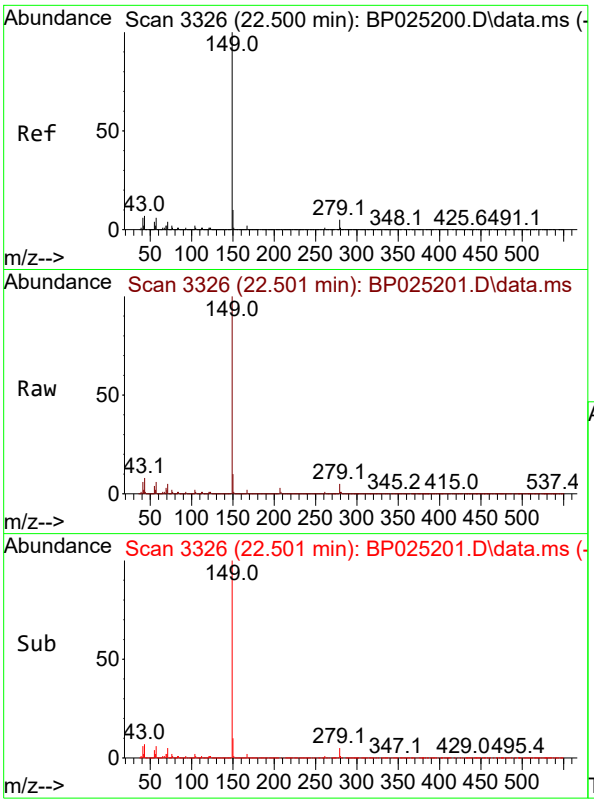


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.373 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 7009358

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.1	4.0	6.0





#85
Di-n-octyl phthalate
Concen: 52.335 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

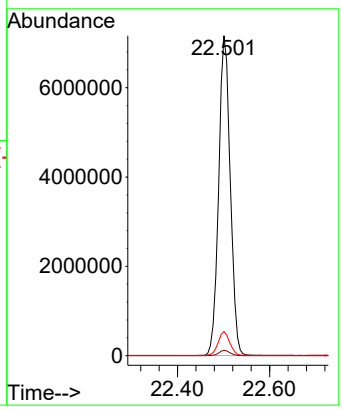
Tgt Ion:149 Resp:1244611

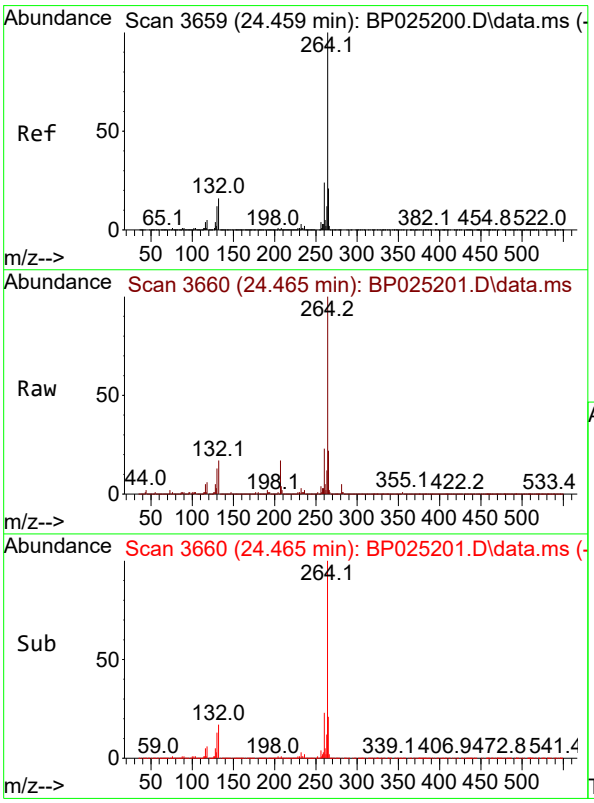
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

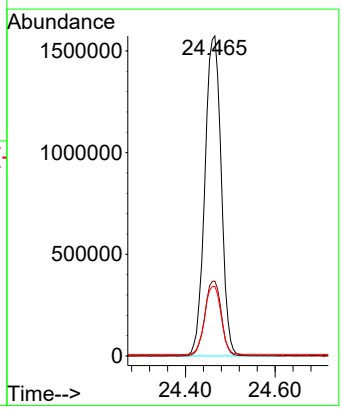


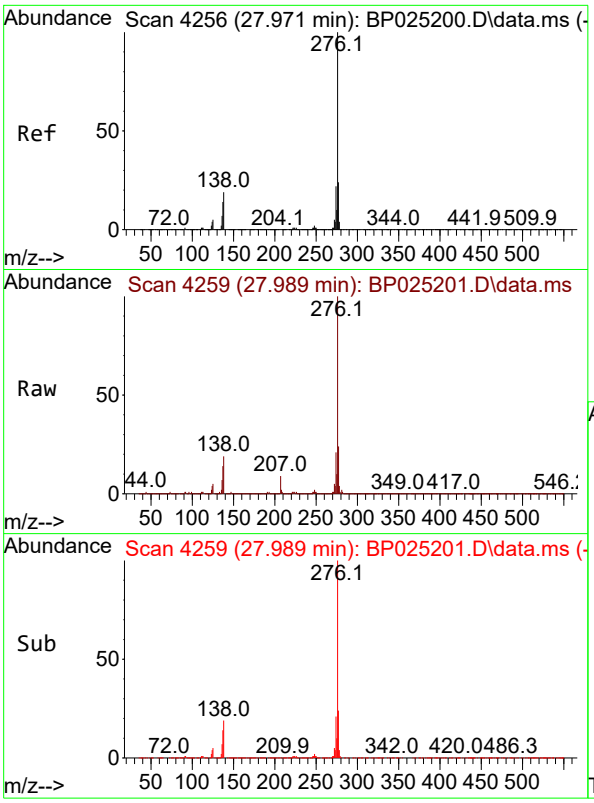


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:264 Resp: 3976559

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.8	17.5	26.3

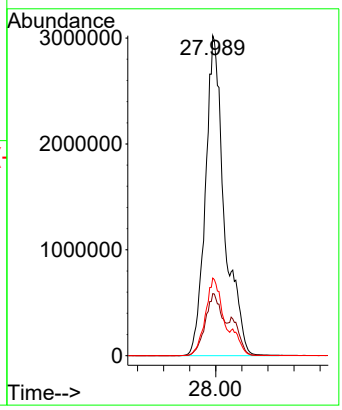




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.366 ng m
RT: 27.989 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:276 Resp:1530723

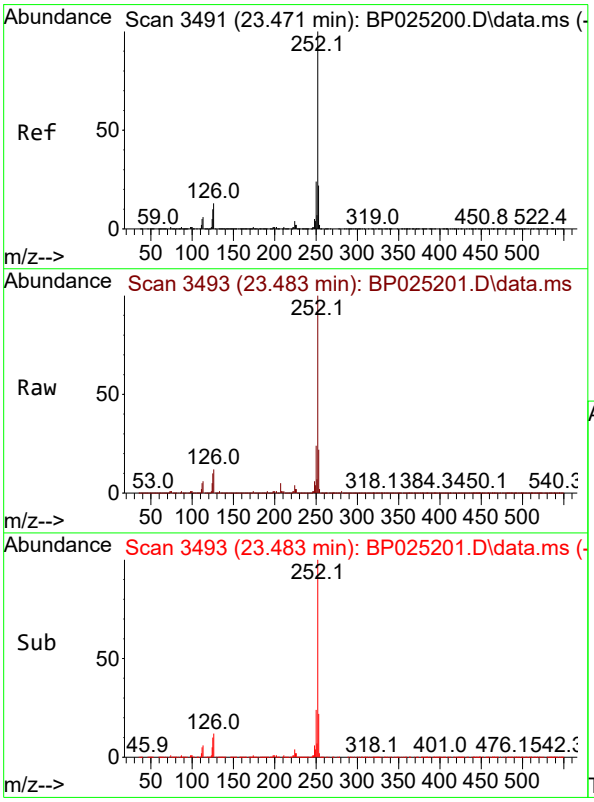
Ion	Ratio	Lower	Upper
276	100		
138	17.3	12.8	19.2
277	21.6	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

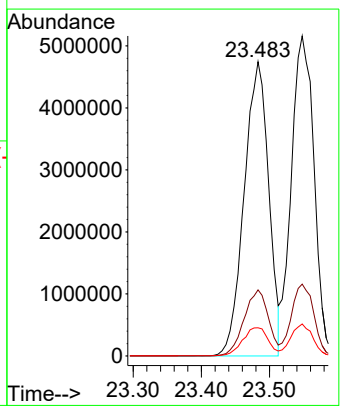
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

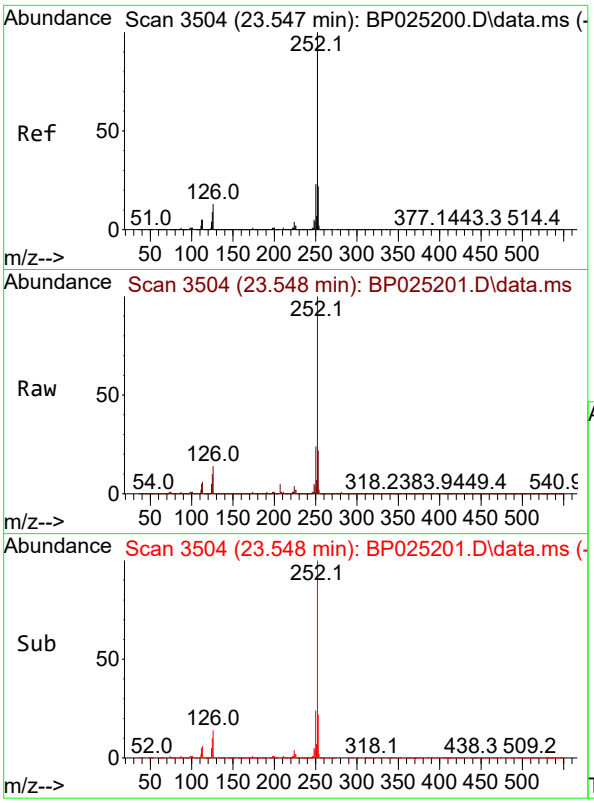


#88
Benzo(b)fluoranthene
Concen: 50.891 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11802054

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.6	7.8	11.8

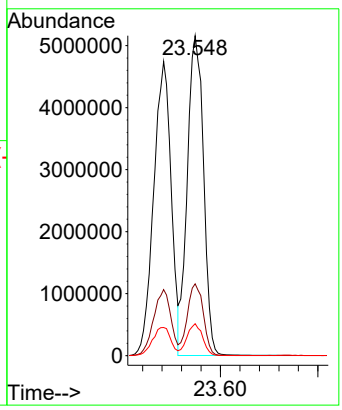




#89
Benzo(k)fluoranthene
Concen: 51.862 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:1194133

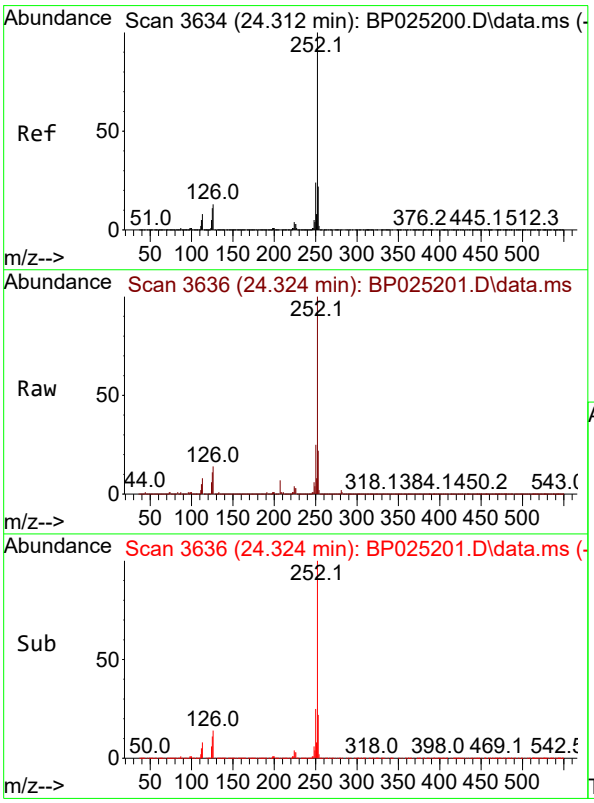
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.0	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

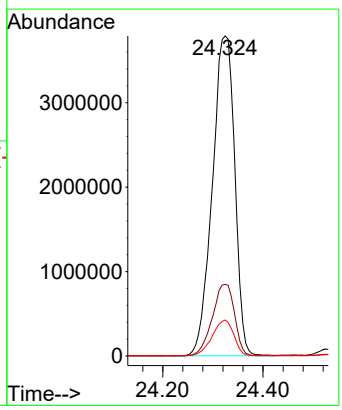
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

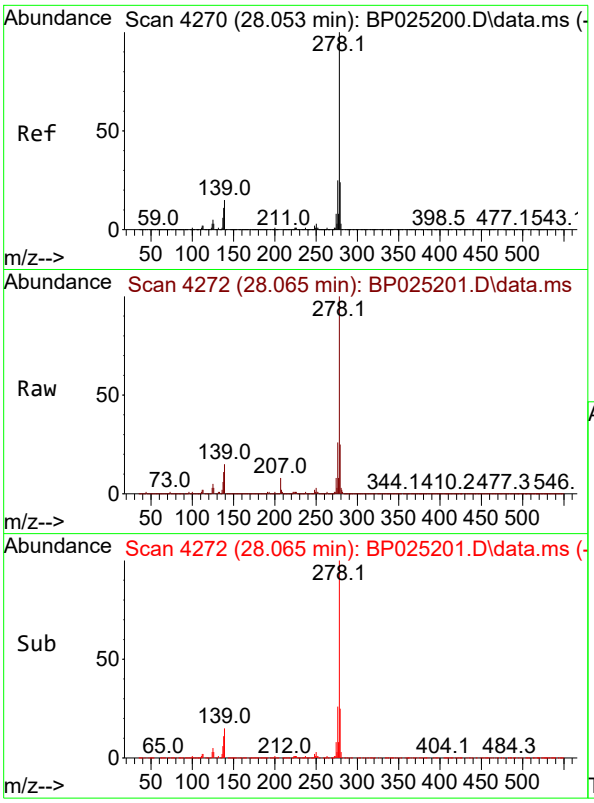


#90
Benzo(a)pyrene
Concen: 52.237 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11759136

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.2	8.6	12.8

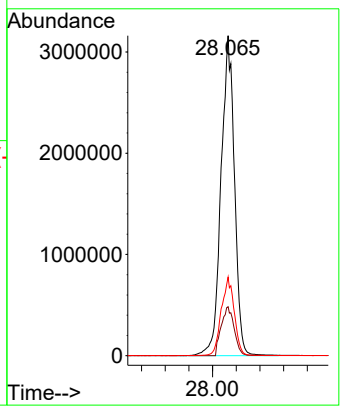




#91
Dibenzo(a,h)anthracene
Concen: 51.898 ng
RT: 28.065 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:278 Resp:1244100

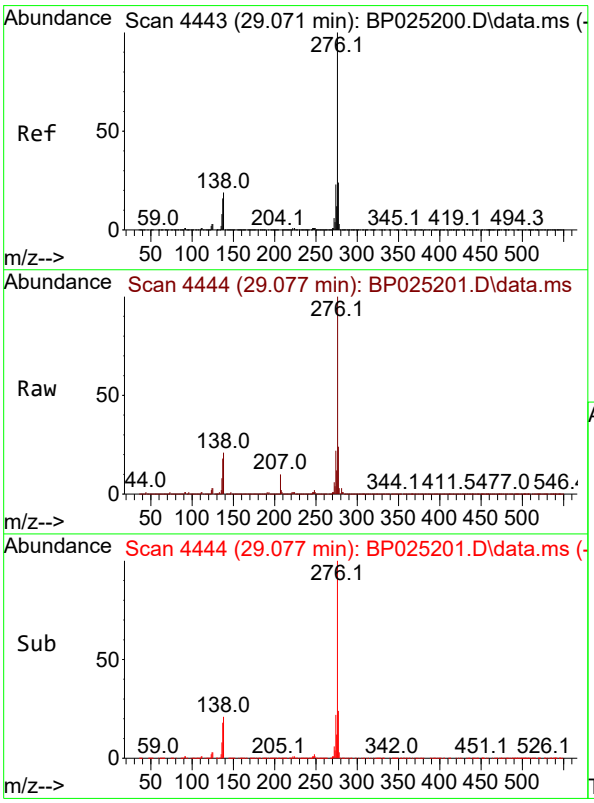
Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.0	18.0
279	24.6	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

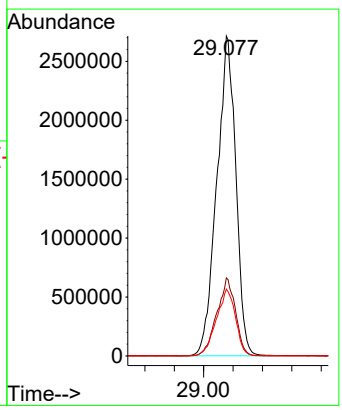
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#92
Benzo(g,h,i)perylene
Concen: 51.884 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:276 Resp:12183528

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	20.9	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	691246	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	2780561	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1802837	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	3596132	20.000	ng		0.00
76) Chrysene-d12	21.330	240	3712729	20.000	ng		0.00
86) Perylene-d12	24.448	264	4449563	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	4905756	118.561	ng		0.00
7) Phenol-d6	6.643	99	6110675	119.620	ng		0.00
23) Nitrobenzene-d5	8.572	82	6054858	119.391	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	3197029	119.256	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	13539099	99.423	ng		0.00
79) Terphenyl-d14	19.648	244	16134390	81.157	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	909482	58.484	ng		100
3) Pyridine	3.496	79	2486312	60.365	ng		99
4) n-Nitrosodimethylamine	3.408	42	997579	61.370	ng		99
6) Aniline	6.778	93	4023853	60.573	ng		99
8) 2-Chlorophenol	7.019	128	2831422	60.816	ng		98
9) Benzaldehyde	6.596	77	2060526	56.443	ng		99
10) Phenol	6.666	94	3174369	60.060	ng		100
11) bis(2-Chloroethyl)ether	6.884	93	2426943	59.805	ng		99
12) 1,3-Dichlorobenzene	7.325	146	3115614	58.985	ng		100
13) 1,4-Dichlorobenzene	7.472	146	3138912	58.888	ng		100
14) 1,2-Dichlorobenzene	7.772	146	3018509	58.935	ng		99
15) Benzyl Alcohol	7.672	79	2232586	60.973	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	3075798	59.089	ng		99
17) 2-Methylphenol	7.878	107	2209131	60.430	ng		100
18) Hexachloroethane	8.484	117	1098658	60.363	ng		100
19) n-Nitroso-di-n-propyla...	8.243	70	1826970	59.342	ng		99
20) 3+4-Methylphenols	8.207	107	3031281	60.708	ng		98
22) Acetophenone	8.243	105	3858483	58.588	ng	#	98
24) Nitrobenzene	8.613	77	2713532	60.375	ng		99
25) Isophorone	9.131	82	5301098	59.683	ng		99
26) 2-Nitrophenol	9.307	139	1614578	63.823	ng		99
27) 2,4-Dimethylphenol	9.384	122	2618557	60.802	ng		100
28) bis(2-Chloroethoxy)met...	9.613	93	3327518	59.673	ng		100
29) 2,4-Dichlorophenol	9.837	162	2686031	60.808	ng		99
30) 1,2,4-Trichlorobenzene	10.054	180	2894308	59.549	ng		100
31) Naphthalene	10.225	128	8471283	58.501	ng		100
32) Benzoic acid	9.560	122	2149321	68.334	ng		98
33) 4-Chloroaniline	10.342	127	3853838	61.295	ng		100
34) Hexachlorobutadiene	10.519	225	1757479	60.210	ng		99
35) Caprolactam	11.148	113	911643	62.713	ng		99
36) 4-Chloro-3-methylphenol	11.484	107	2701662	61.242	ng		100
37) 2-Methylnaphthalene	11.860	142	5538936	59.140	ng		100
38) 1-Methylnaphthalene	12.066	142	5796319	58.678	ng		99
40) 1,2,4,5-Tetrachloroben...	12.236	216	3229034	59.145	ng		100
41) Hexachlorocyclopentadiene	12.219	237	2121694	68.531	ng		100
43) 2,4,6-Trichlorophenol	12.484	196	2251566	61.035	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	2484748	61.107	ng		100
46) 1,1'-Biphenyl	12.895	154	7671161	57.545	ng		100
47) 2-Chloronaphthalene	12.931	162	6074581	58.817	ng		100
48) 2-Nitroaniline	13.136	65	1603764	61.905	ng		98
49) Acenaphthylene	13.789	152	9744261	57.536	ng		99
50) Dimethylphthalate	13.542	163	7577608	57.607	ng		100
51) 2,6-Dinitrotoluene	13.660	165	1738822	62.447	ng		98
52) Acenaphthene	14.142	154	5579143	57.185	ng		99
53) 3-Nitroaniline	13.983	138	1947927	62.002	ng		96
54) 2,4-Dinitrophenol	14.189	184	1119889	71.772	ng		99
55) Dibenzofuran	14.489	168	8968837	56.778	ng		98
56) 4-Nitrophenol	14.325	139	1695550	63.331	ng		99
57) 2,4-Dinitrotoluene	14.460	165	2469068	63.650	ng		98
58) Fluorene	15.154	166	6997947	55.543	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.730	232	2196650	61.026	ng		100
60) Diethylphthalate	14.948	149	7449753	57.319	ng		99
61) 4-Chlorophenyl-phenyle...	15.160	204	3554251	55.969	ng		99
62) 4-Nitroaniline	15.183	138	1978662	61.804	ng		98
63) Azobenzene	15.460	77	6251887	59.884	ng		100
65) 4,6-Dinitro-2-methylph...	15.242	198	1488428	66.114	ng		99
66) n-Nitrosodiphenylamine	15.378	169	6429114	57.405	ng		99
67) 4-Bromophenyl-phenylether	16.072	248	2534895	59.785	ng		99
68) Hexachlorobenzene	16.189	284	2976346	58.786	ng		96
69) Atrazine	16.366	200	2433839	59.621	ng		99
70) Pentachlorophenol	16.542	266	2118802	62.871	ng		99
71) Phenanthrene	16.942	178	11295817	56.373	ng		99
72) Anthracene	17.030	178	11494384	56.508	ng		98
73) Carbazole	17.319	167	10836403	55.990	ng		98
74) Di-n-butylphthalate	17.936	149	12352965	54.431	ng	#	94
75) Fluoranthene	19.048	202	12783070	53.956	ng		93
77) Benzidine	19.242	184	6968232	49.133	ng		100
78) Pyrene	19.424	202	13220717	56.032	ng		93
80) Butylbenzylphthalate	20.413	149	6306883	60.572	ng		99
81) Benzo(a)anthracene	21.307	228	13600779	56.319	ng		98
82) 3,3'-Dichlorobenzidine	21.254	252	5842950	59.005	ng		100
83) Chrysene	21.371	228	12774794	56.724	ng		98
84) Bis(2-ethylhexyl)phtha...	21.289	149	8682877	57.201	ng		99
85) Di-n-octyl phthalate	22.507	149	15085392	57.015	ng		99
87) Indeno(1,2,3-cd)pyrene	27.994	276	19493176	59.597	ng		100
88) Benzo(b)fluoranthene	23.477	252	14989282	57.763	ng		100
89) Benzo(k)fluoranthene	23.542	252	14928017	57.942	ng		99
90) Benzo(a)pyrene	24.306	252	14791063	58.720	ng		99
91) Dibenzo(a,h)anthracene	28.059	278	15890395	59.240	ng		99
92) Benzo(g,h,i)perylene	29.071	276	15521510	59.072	ng		98

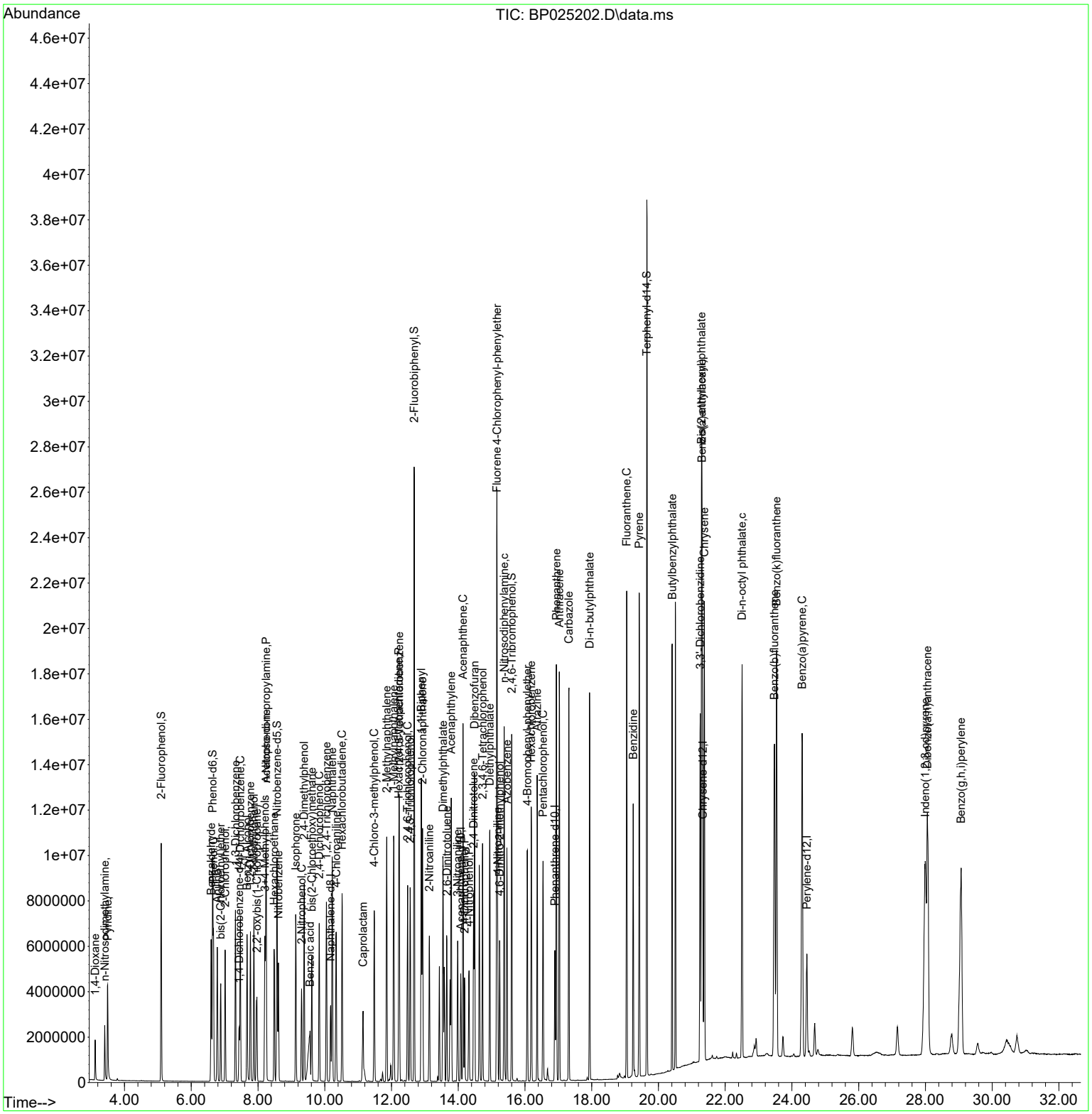
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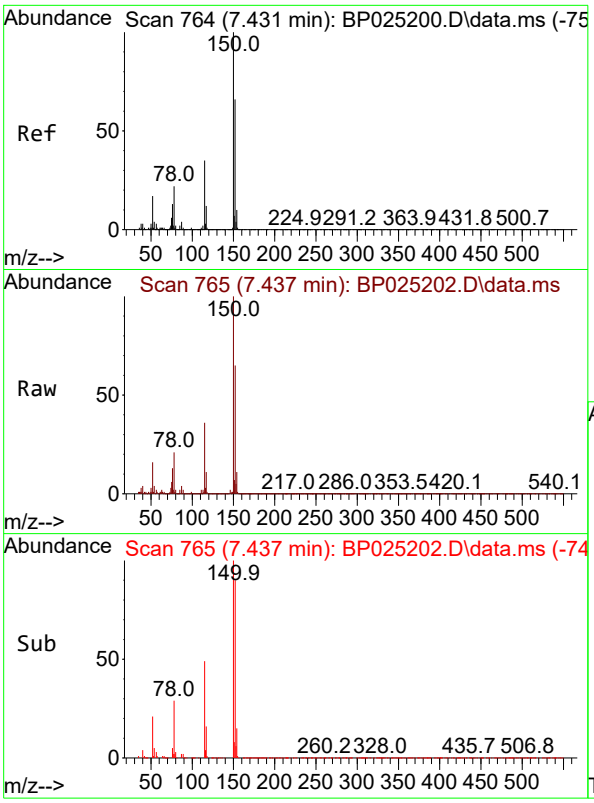
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



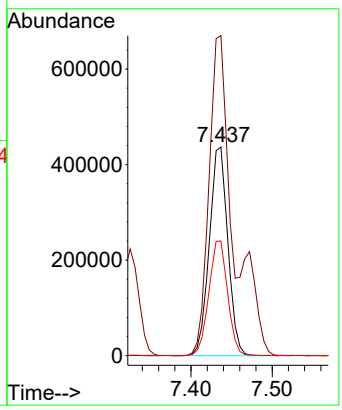


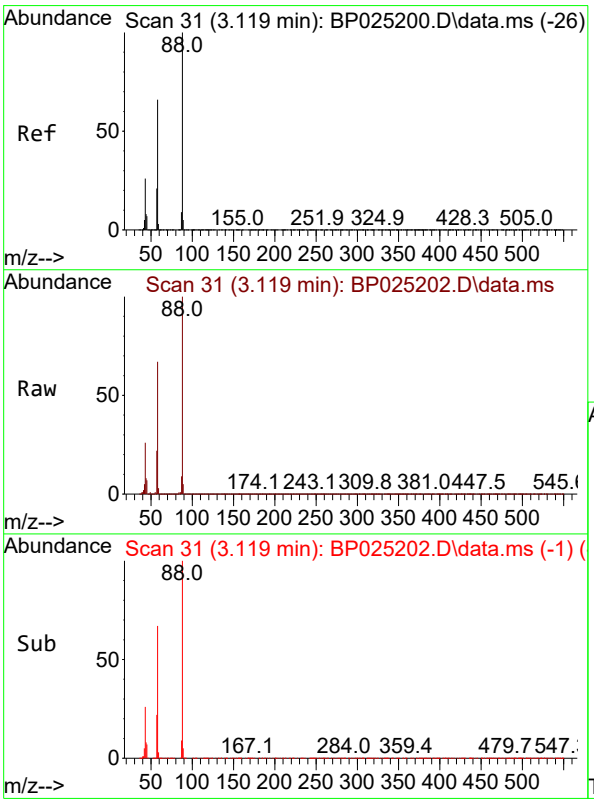
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 691246

Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.9	182.9
115	54.9	43.0	64.6

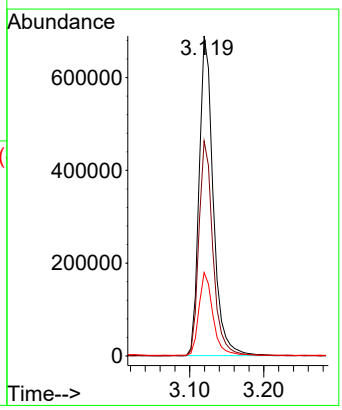


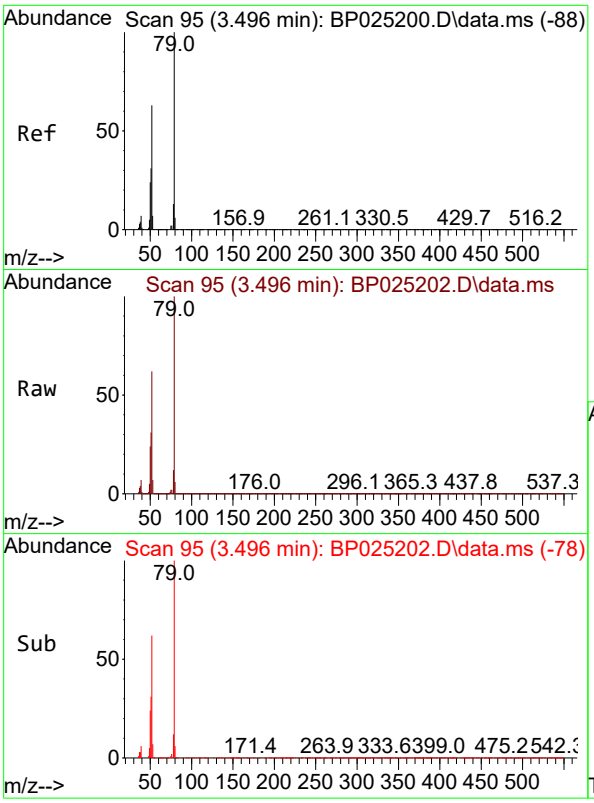


#2
1,4-Dioxane
Concen: 58.484 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 88 Resp: 909482

Ion	Ratio	Lower	Upper
88	100		
58	67.2	53.5	80.3
43	25.8	20.8	31.2



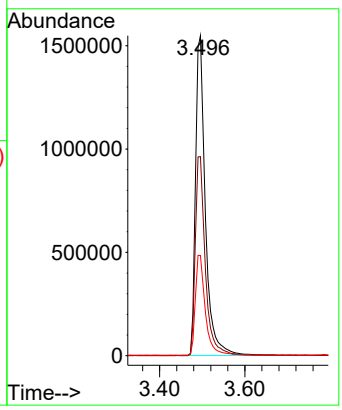


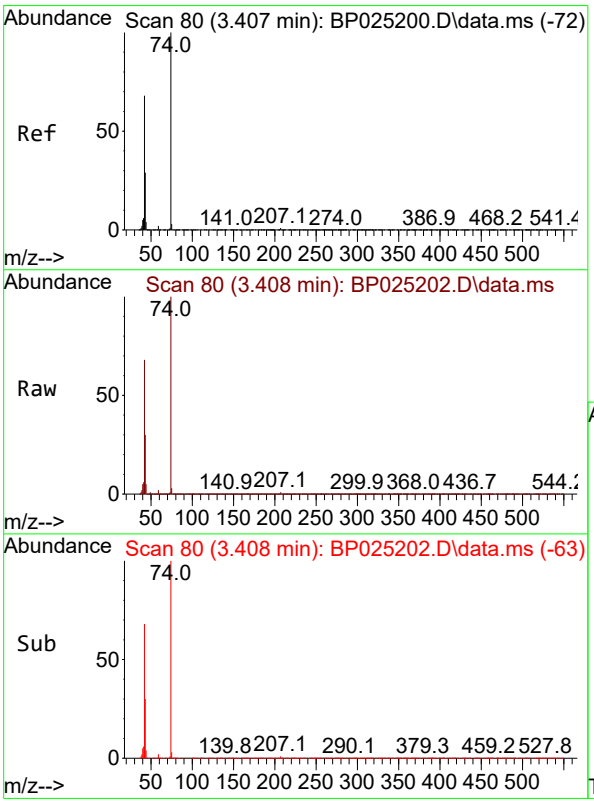
#3
Pyridine
Concen: 60.365 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 2486312

Ion	Ratio	Lower	Upper
79	100		
52	62.2	50.2	75.4
51	31.3	25.0	37.4

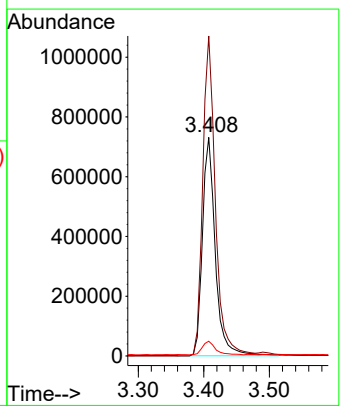


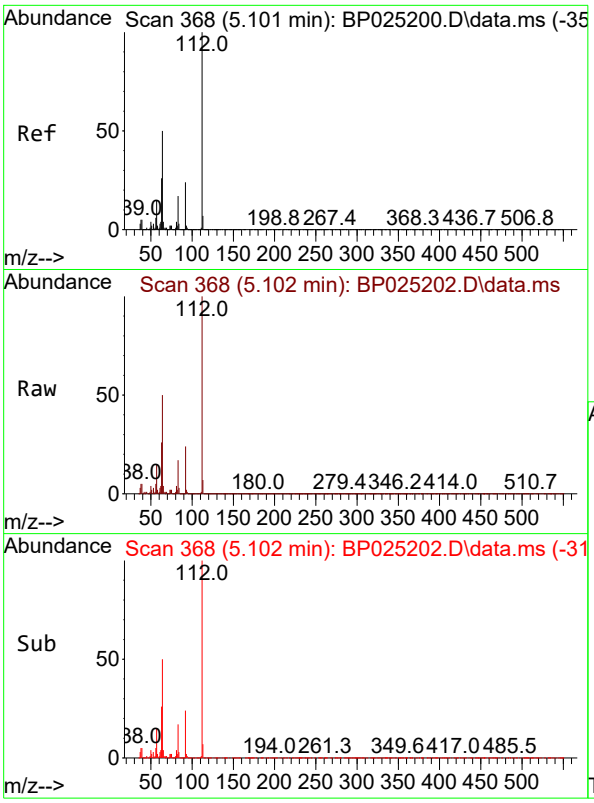


#4
n-Nitrosodimethylamine
Concen: 61.370 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 42 Resp: 997579

Ion	Ratio	Lower	Upper
42	100		
74	146.4	118.0	177.0
44	6.7	5.5	8.3



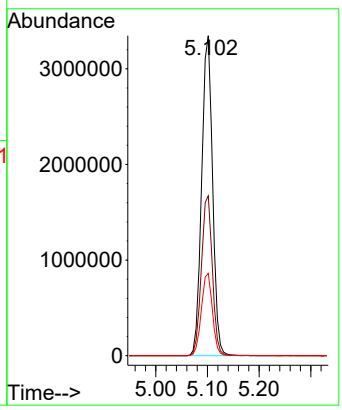


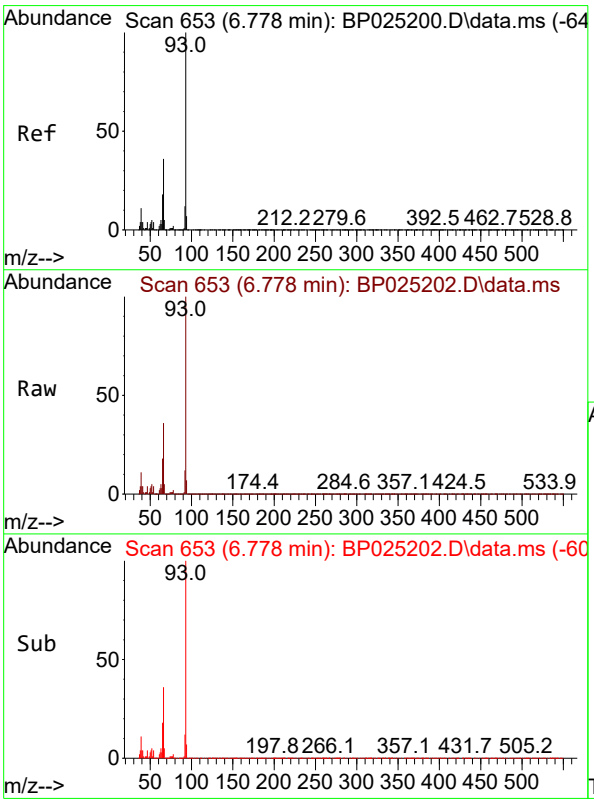
#5
2-Fluorophenol
Concen: 118.561 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 4905756

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.8	59.6
63	25.7	20.5	30.7

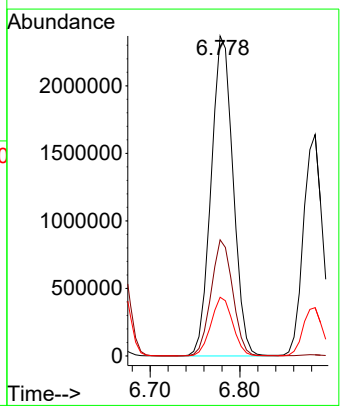


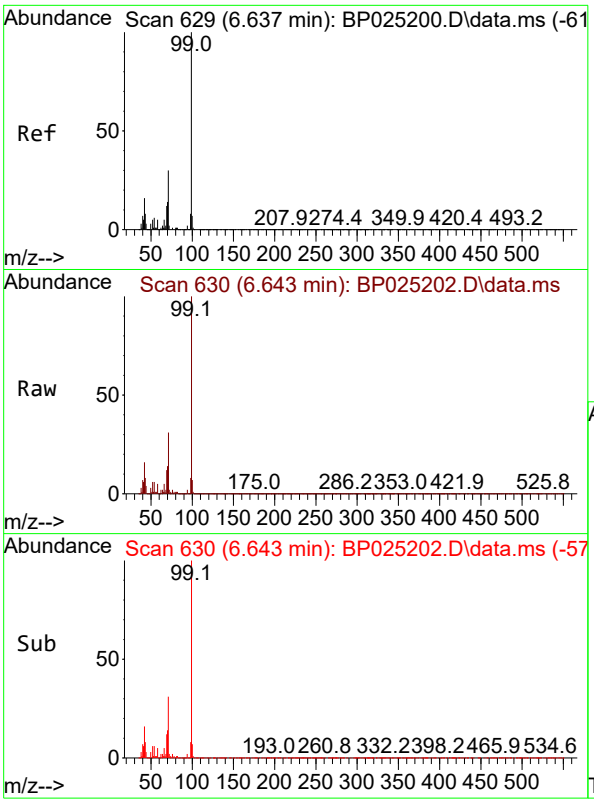


#6
Aniline
Concen: 60.573 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 93 Resp: 4023853

Ion	Ratio	Lower	Upper
93	100		
66	36.3	28.6	43.0
65	18.4	14.6	21.8



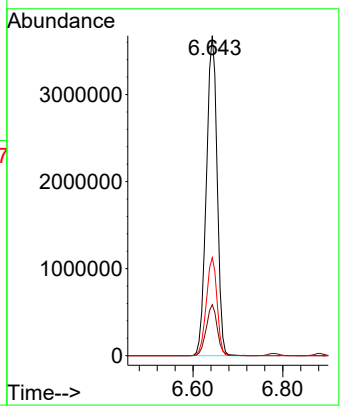


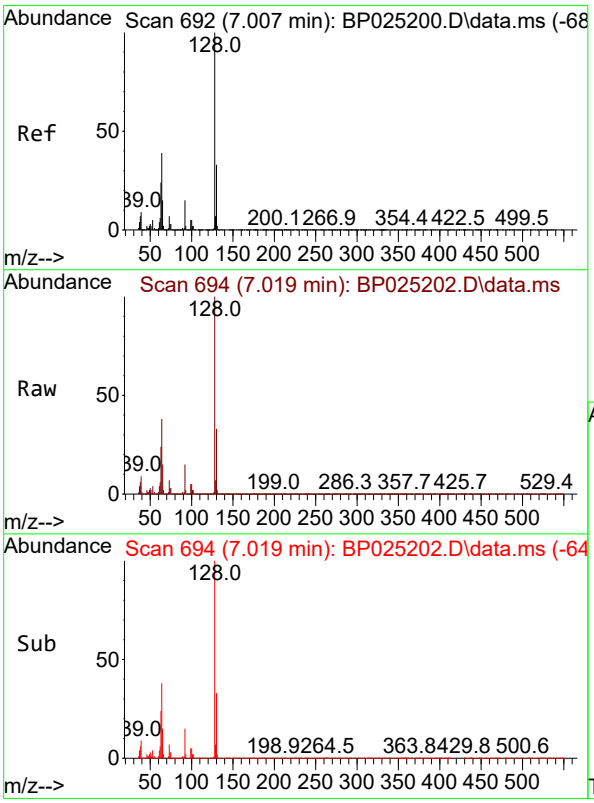
#7
Phenol-d6
Concen: 119.620 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 6110675

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	30.7	24.2	36.2

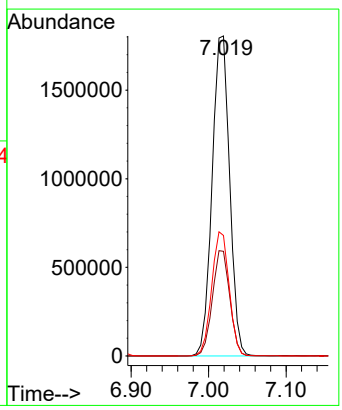


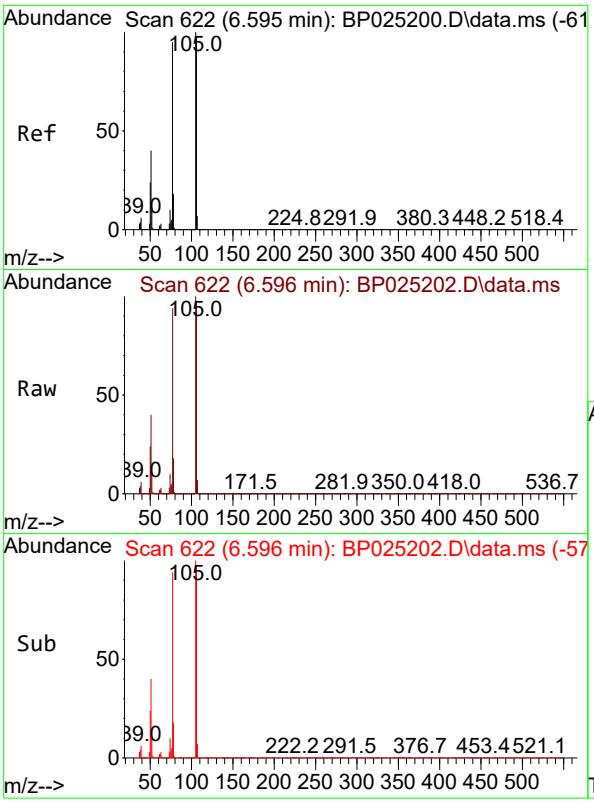


#8
2-Chlorophenol
Concen: 60.816 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:128 Resp: 2831422

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	37.6	19.2	59.2



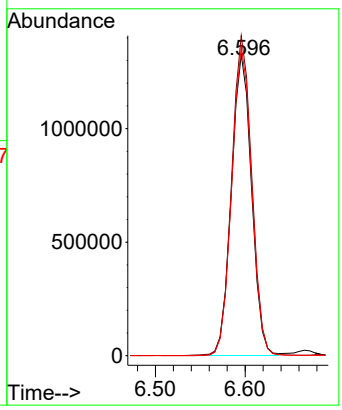


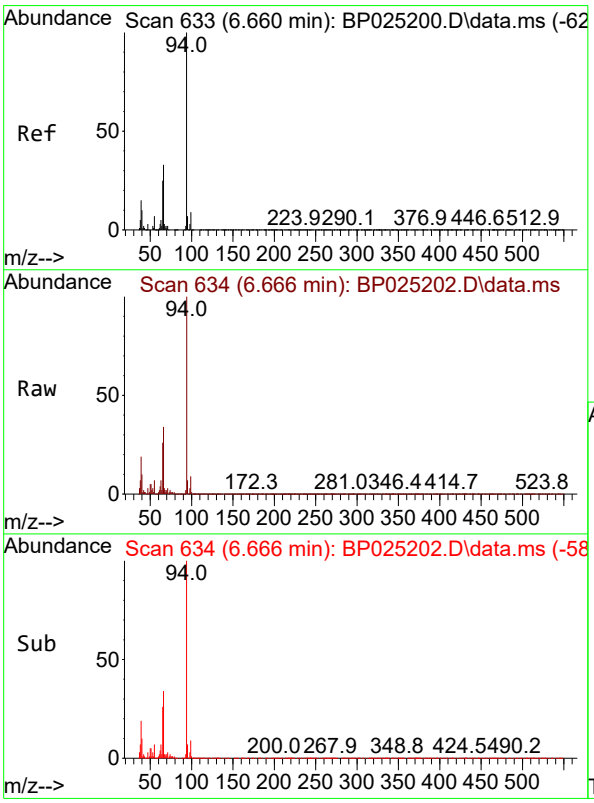
#9
Benzaldehyde
Concen: 56.443 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2060526

Ion	Ratio	Lower	Upper
77	100		
105	106.3	85.5	125.5
106	102.5	81.9	121.9

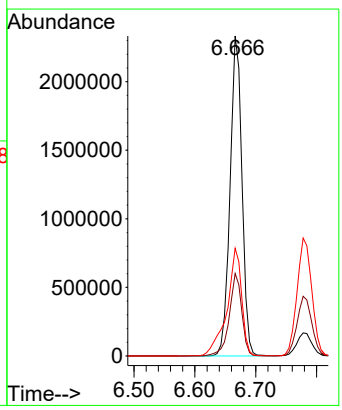


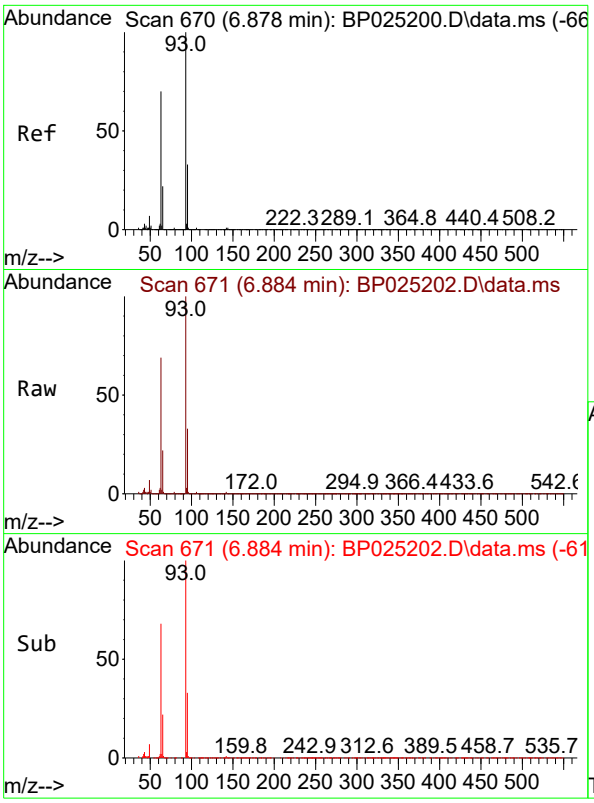


#10
Phenol
Concen: 60.060 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 94 Resp: 3174369

Ion	Ratio	Lower	Upper
94	100		
65	25.7	5.4	45.4
66	33.7	13.5	53.5



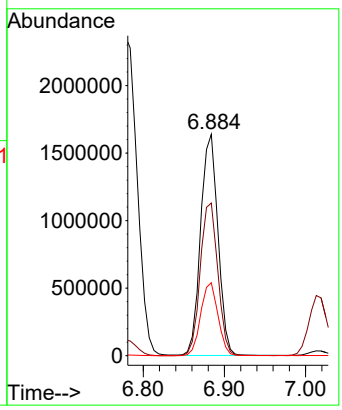


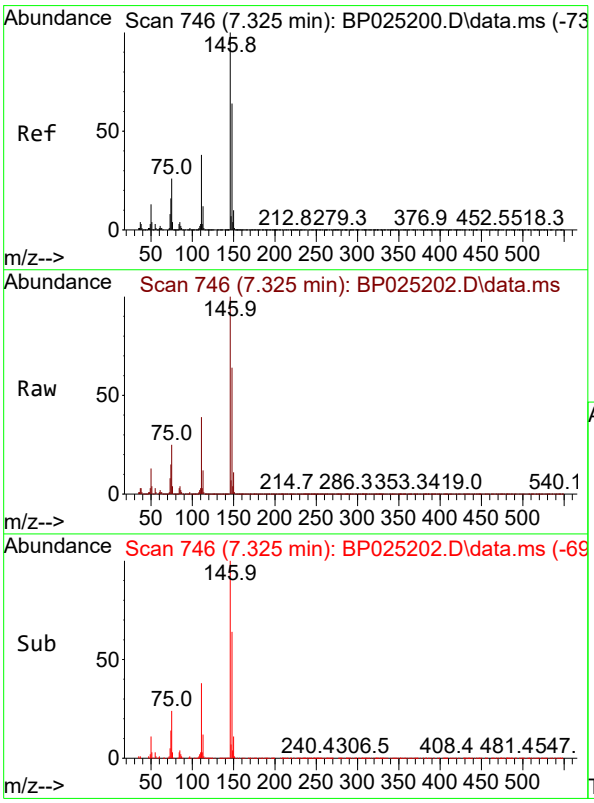
#11
bis(2-Chloroethyl)ether
Concen: 59.805 ng
RT: 6.884 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 2426943

Ion	Ratio	Lower	Upper
93	100		
63	68.9	50.0	90.0
95	33.0	12.9	52.9

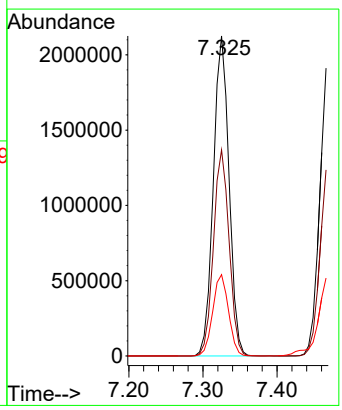


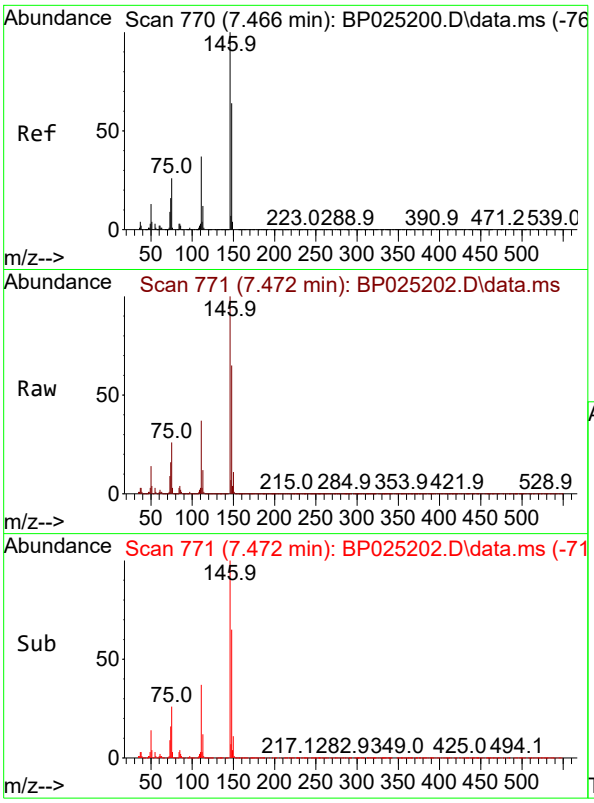


#12
1,3-Dichlorobenzene
Concen: 58.985 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:146 Resp: 3115614

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	25.4	20.6	31.0



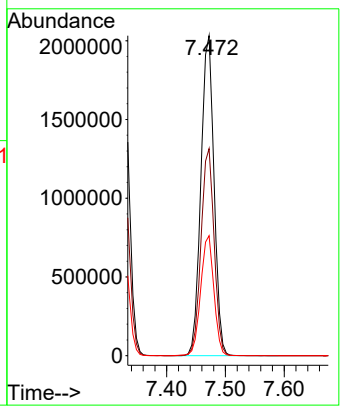


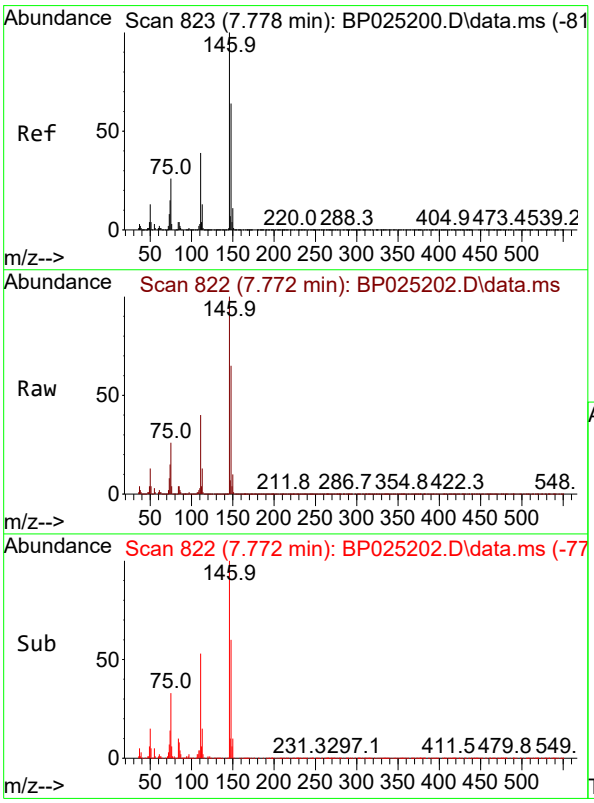
#13
1,4-Dichlorobenzene
Concen: 58.888 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 3138912

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	37.5	29.9	44.9

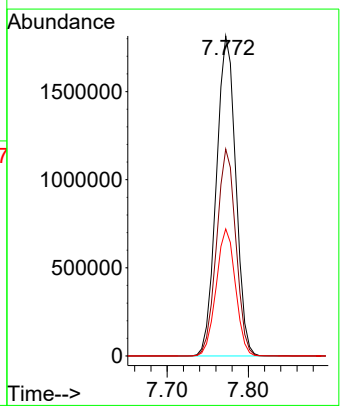


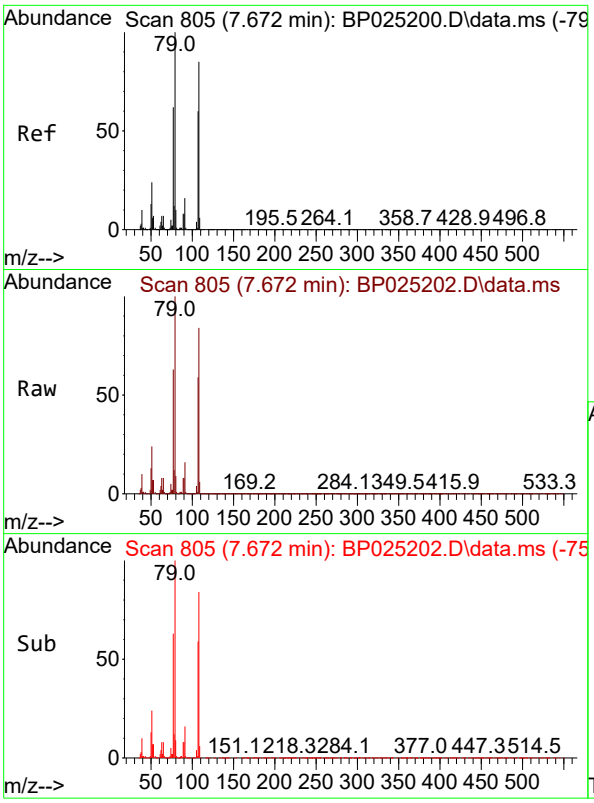


#14
1,2-Dichlorobenzene
Concen: 58.935 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:146 Resp: 3018509

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	39.7	31.3	46.9



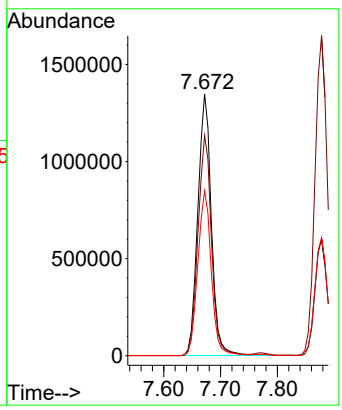


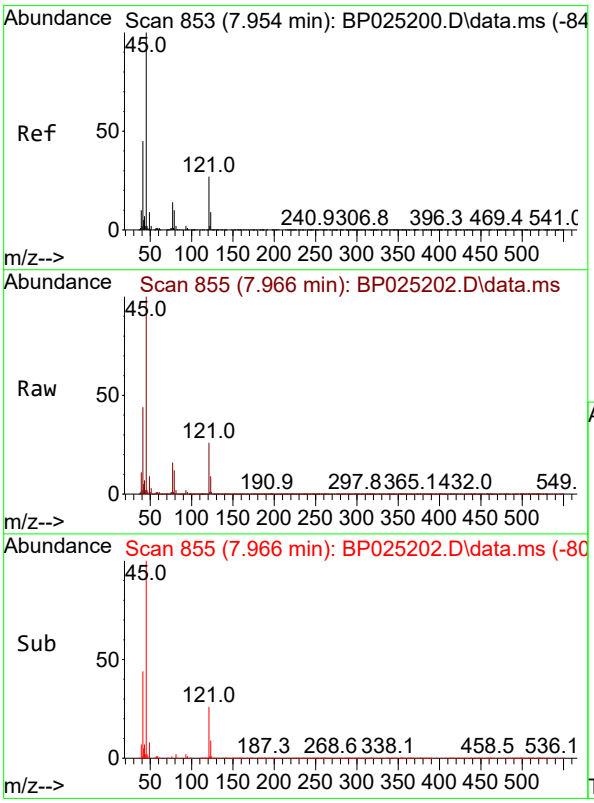
#15
Benzyl Alcohol
Concen: 60.973 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 2232586

Ion	Ratio	Lower	Upper
79	100		
108	84.1	67.8	101.6
77	63.0	49.9	74.9

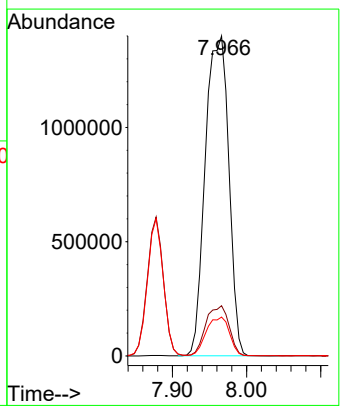


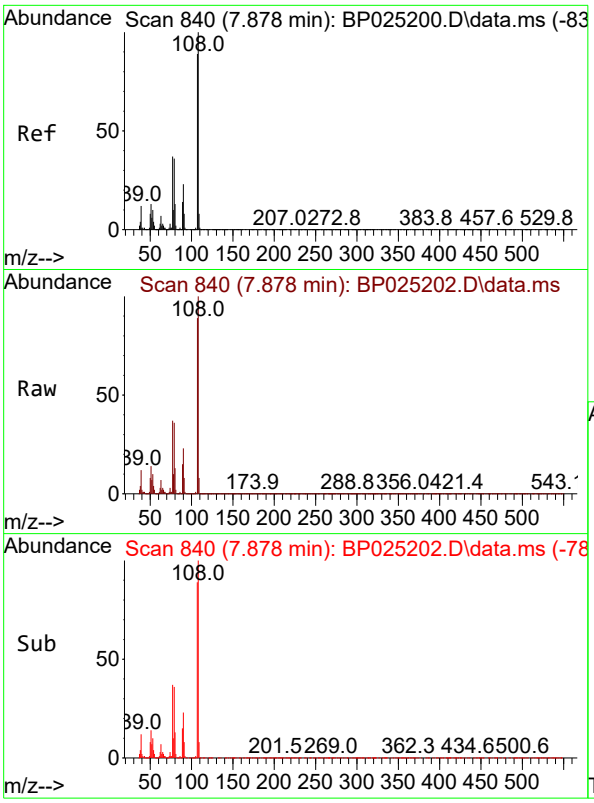


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.089 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 45 Resp: 3075798

Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	36.0
79	12.2	0.0	31.7



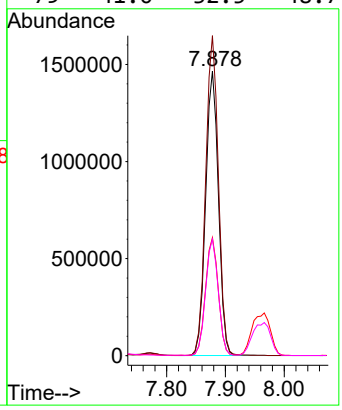


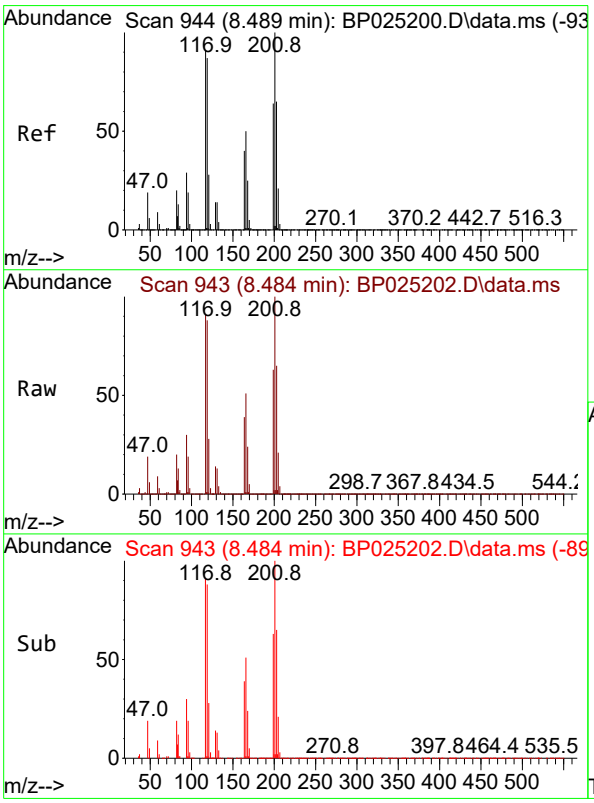
#17
2-Methylphenol
Concen: 60.430 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 2209131

Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.8
77	41.5	33.2	49.8
79	41.0	32.5	48.7

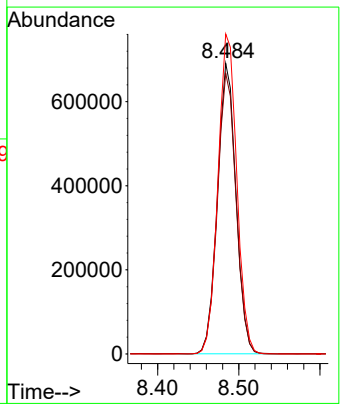


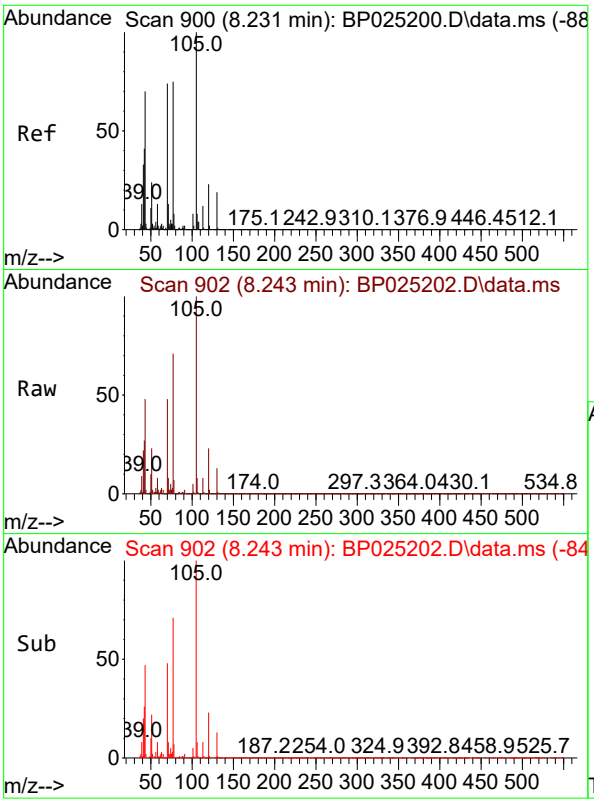


#18
Hexachloroethane
Concen: 60.363 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:117 Resp: 1098658

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.6
201	110.1	88.3	132.5



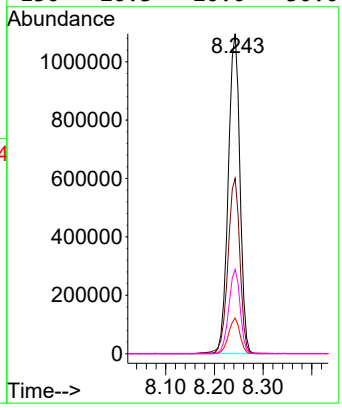


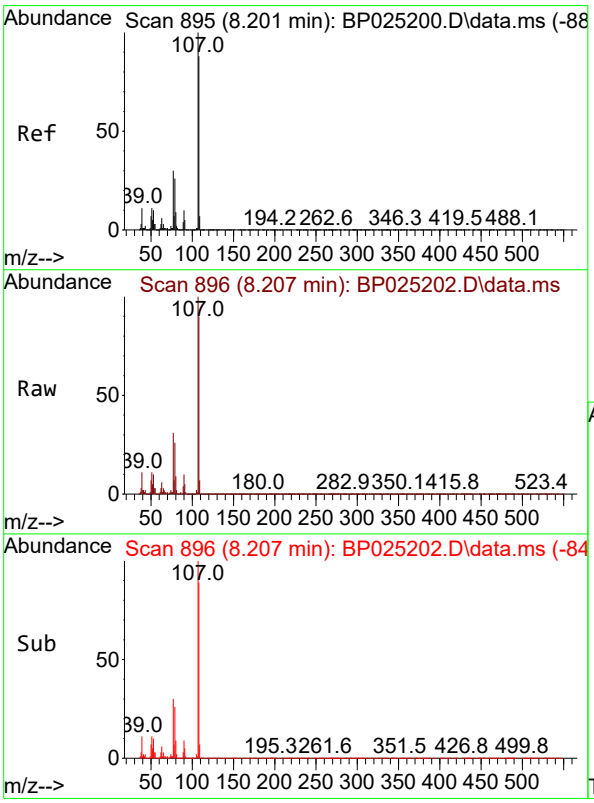
#19
n-Nitroso-di-n-propylamine
Concen: 59.342 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1826970

Ion	Ratio	Lower	Upper
70	100		
42	54.8	44.2	66.2
101	11.2	8.6	12.8
130	26.3	20.0	30.0

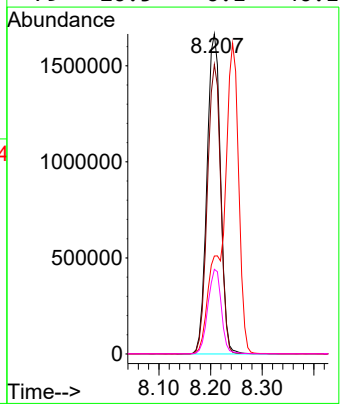


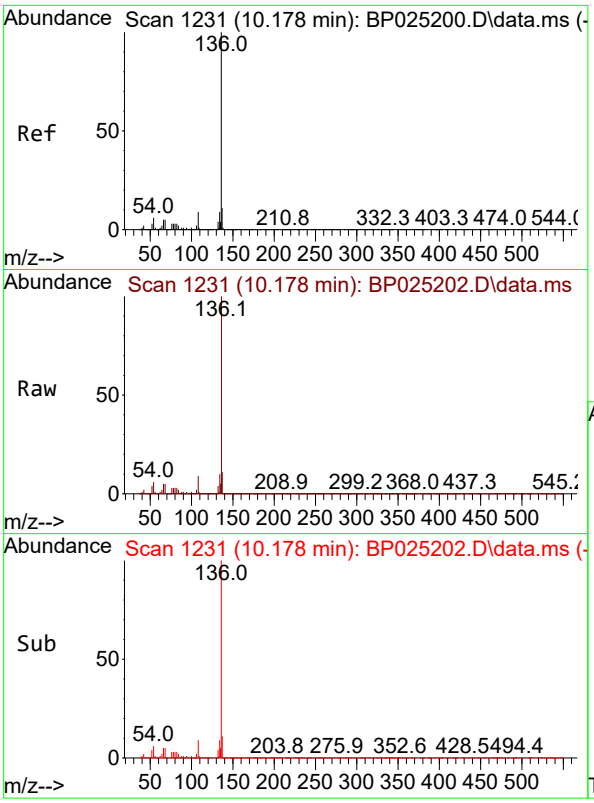


#20
3+4-Methylphenols
Concen: 60.708 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:107 Resp: 3031281

Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.8	107.8
77	30.6	10.3	50.3
79	26.5	6.1	46.1



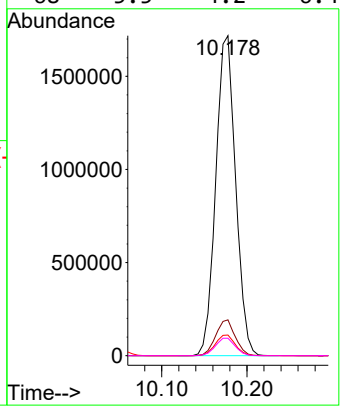


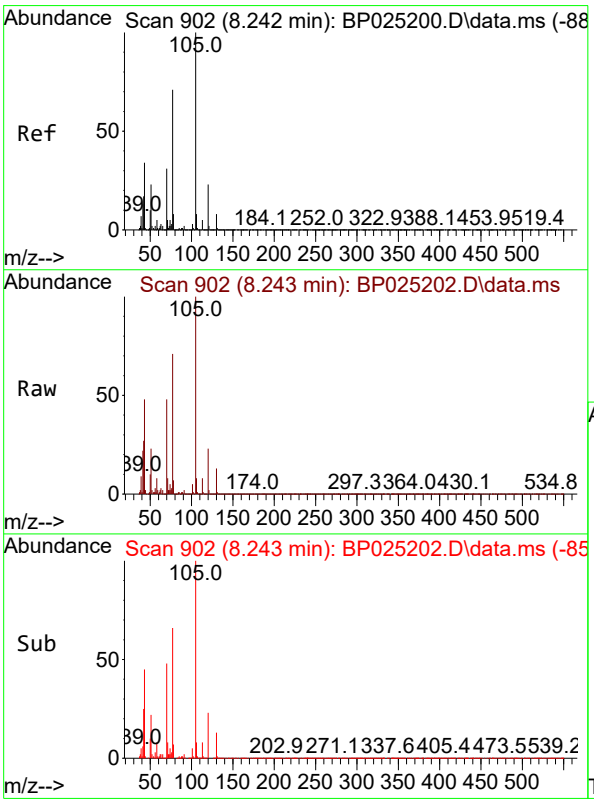
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 2780561

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.4	5.1	7.7
68	5.5	4.2	6.4

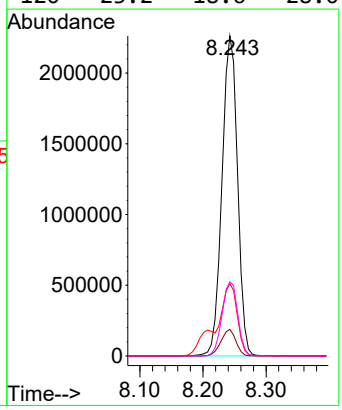


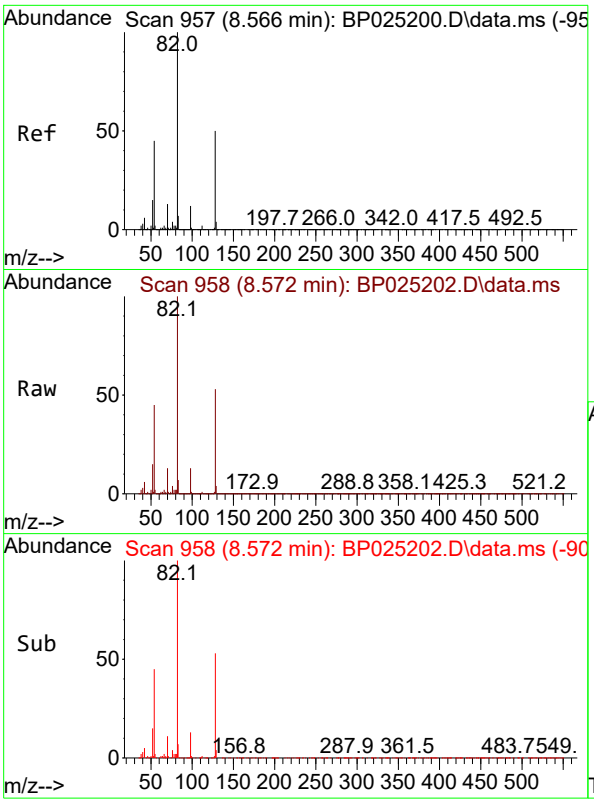


#22
Acetophenone
Concen: 58.588 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:105 Resp: 3858483

Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.1	6.1#
51	22.6	18.5	27.7
120	23.2	18.6	28.0



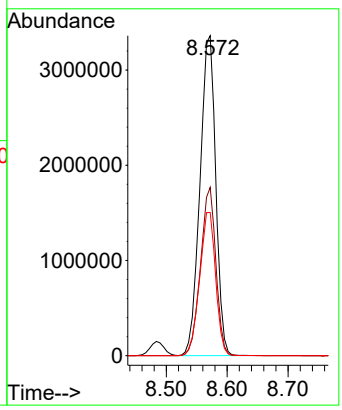


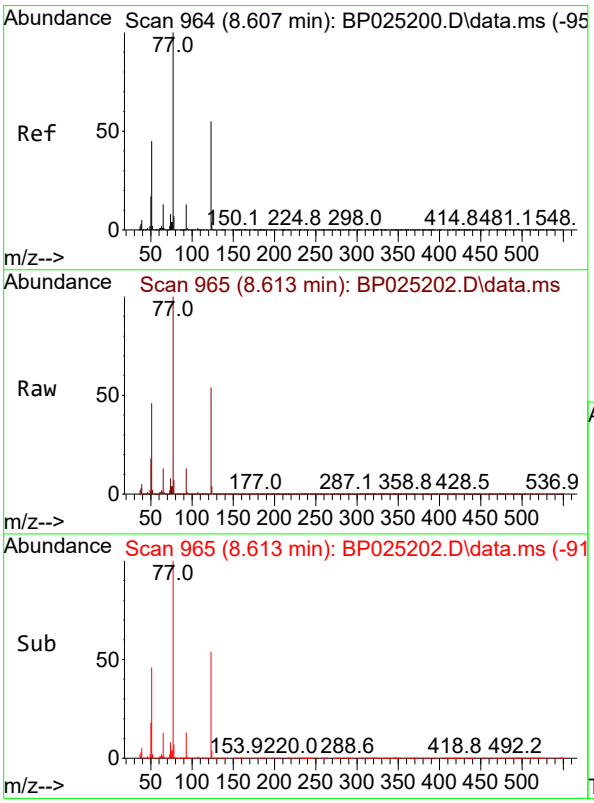
#23
Nitrobenzene-d5
Concen: 119.391 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 6054858

Ion	Ratio	Lower	Upper
82	100		
128	52.6	40.2	60.4
54	44.7	36.3	54.5

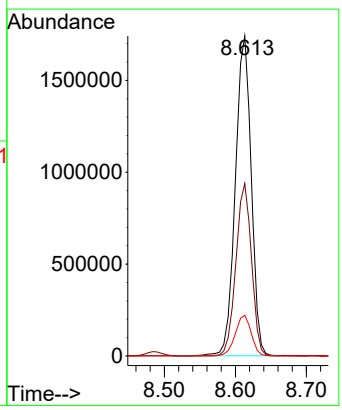


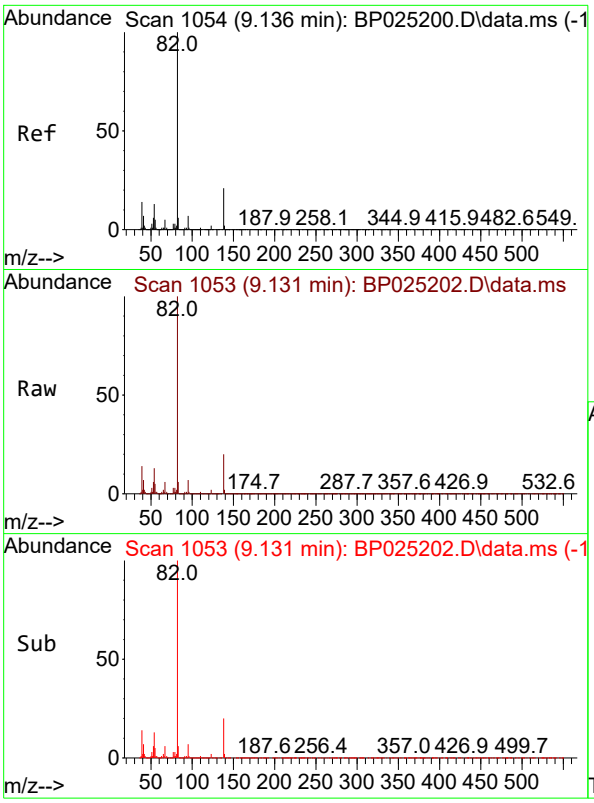


#24
Nitrobenzene
Concen: 60.375 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 77 Resp: 2713532

Ion	Ratio	Lower	Upper
77	100		
123	53.9	43.6	65.4
65	12.7	10.2	15.2



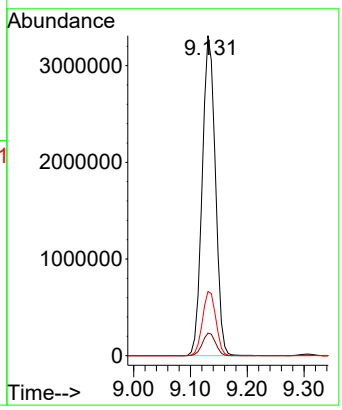


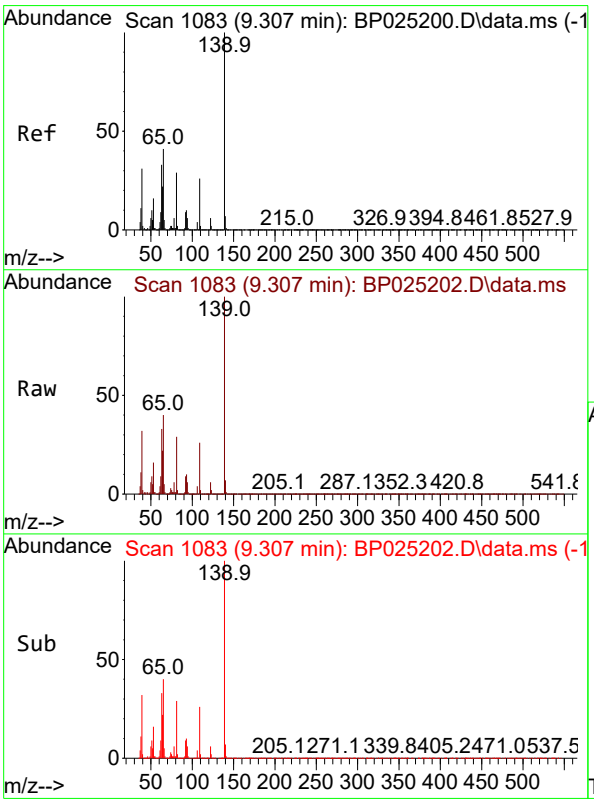
#25
Isophorone
Concen: 59.683 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 5301098

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	20.0	16.6	25.0

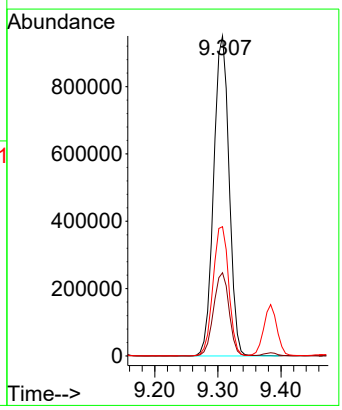


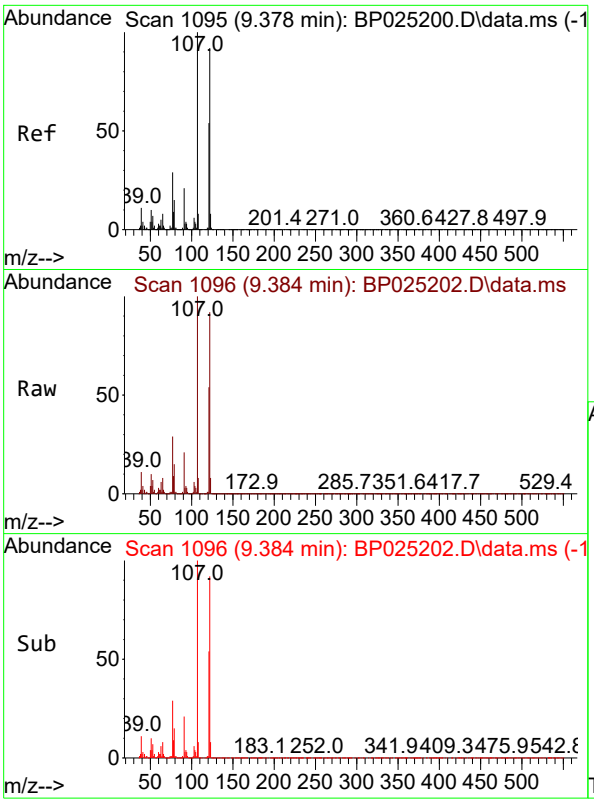


#26
2-Nitrophenol
Concen: 63.823 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:139 Resp: 1614578

Ion	Ratio	Lower	Upper
139	100		
109	26.0	21.0	31.6
65	40.4	32.7	49.1



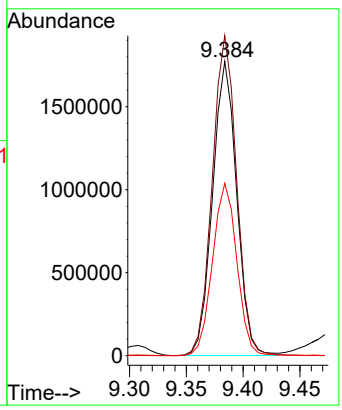


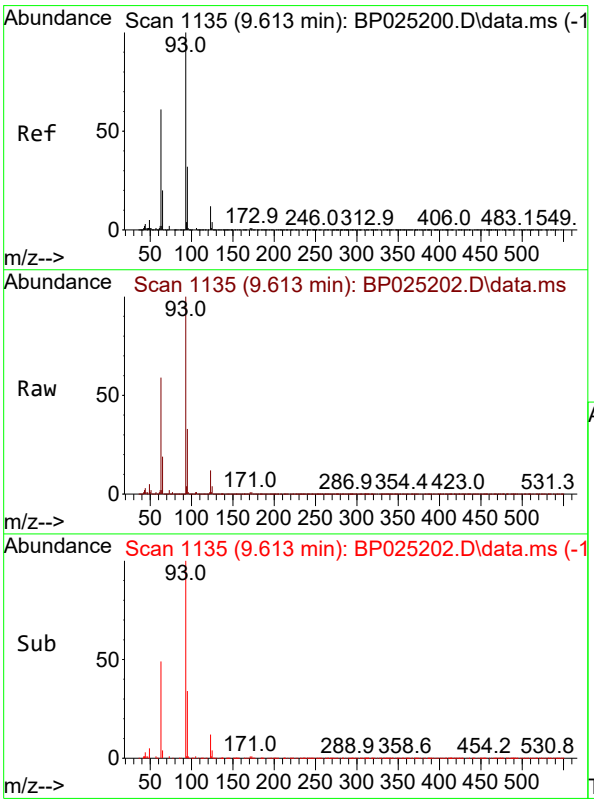
#27
2,4-Dimethylphenol
Concen: 60.802 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 2618557

Ion	Ratio	Lower	Upper
122	100		
107	108.8	87.0	130.4
121	58.6	46.7	70.1

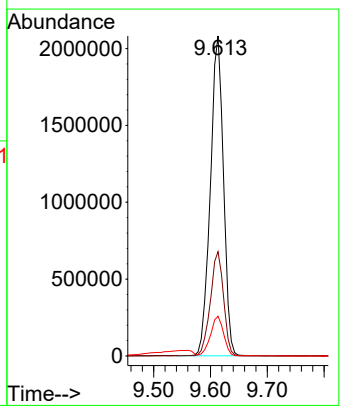


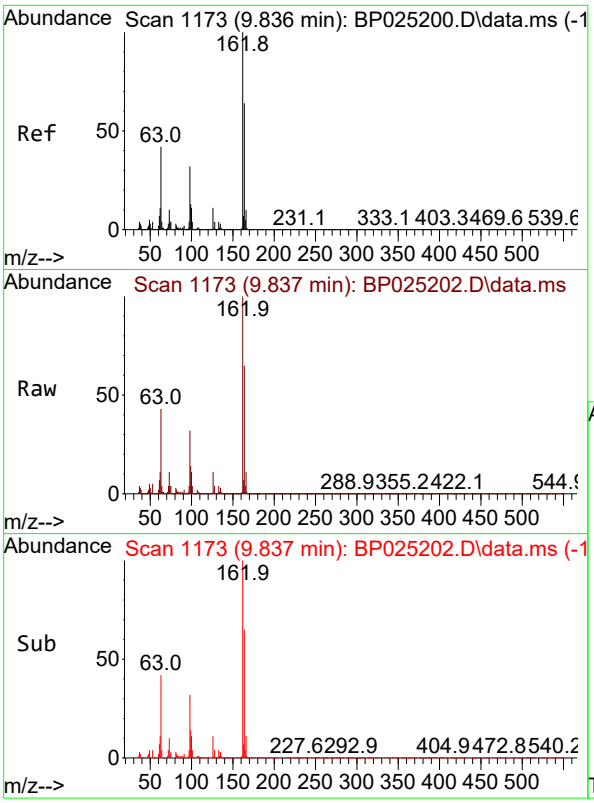


#28
bis(2-Chloroethoxy)methane
Concen: 59.673 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 93 Resp: 3327518

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	12.4	9.8	14.6



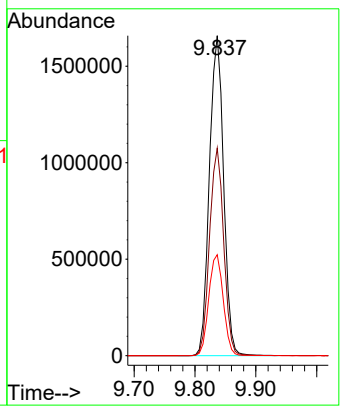


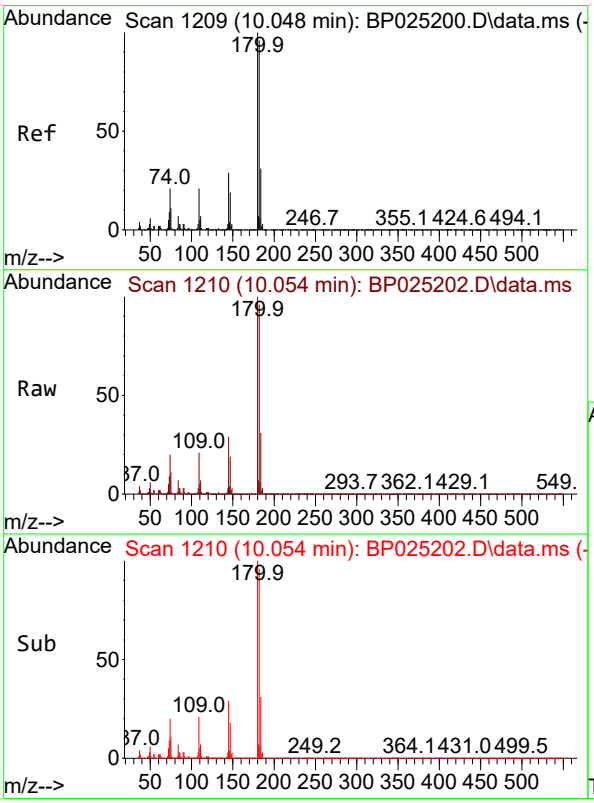
#29
2,4-Dichlorophenol
Concen: 60.808 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2686031

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.2	84.2
98	31.6	11.7	51.7

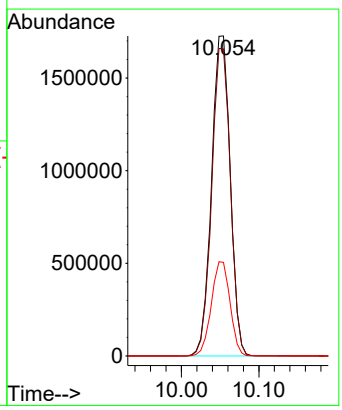


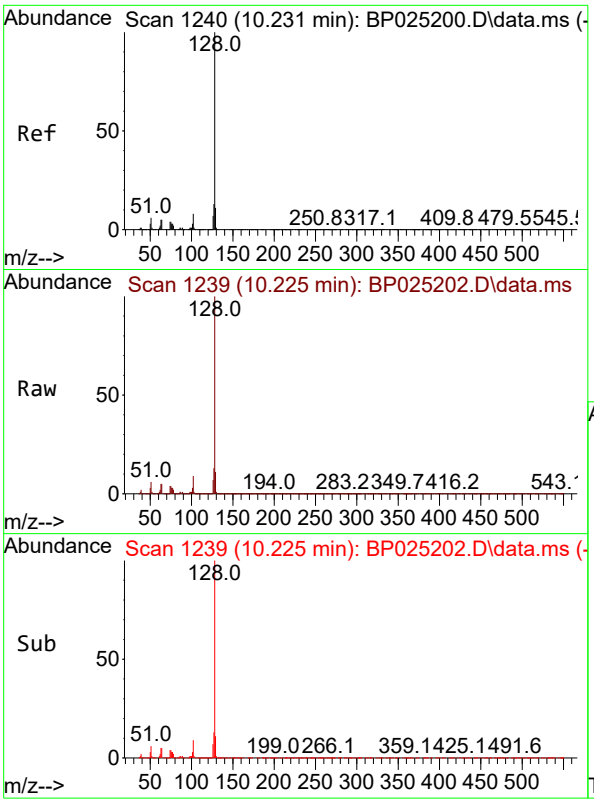


#30
1,2,4-Trichlorobenzene
Concen: 59.549 ng
RT: 10.054 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:180 Resp: 2894308

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	29.2	23.5	35.3



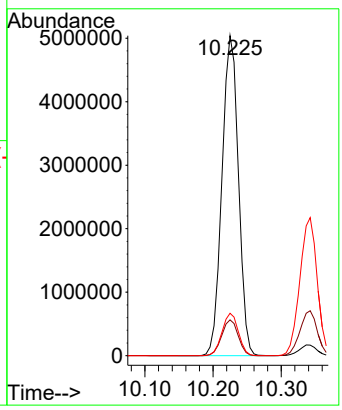


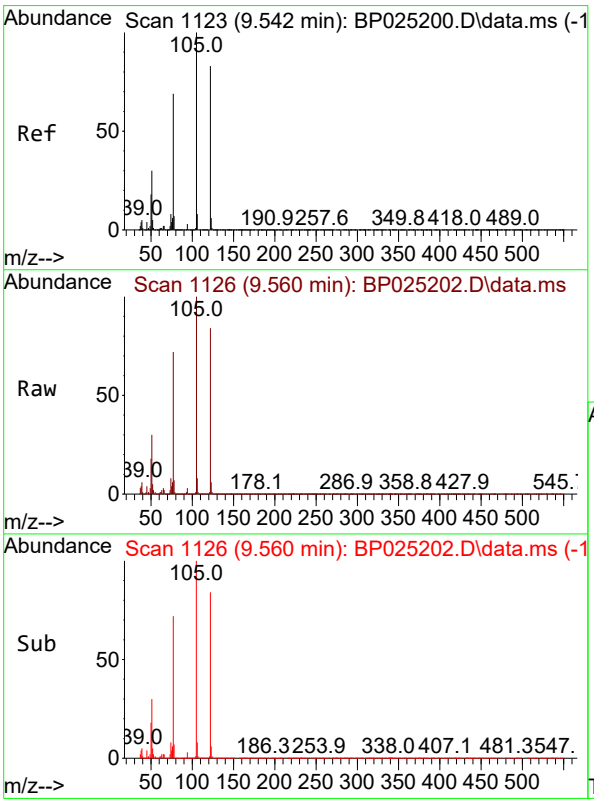
#31
Naphthalene
Concen: 58.501 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 8471283

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.4	15.6

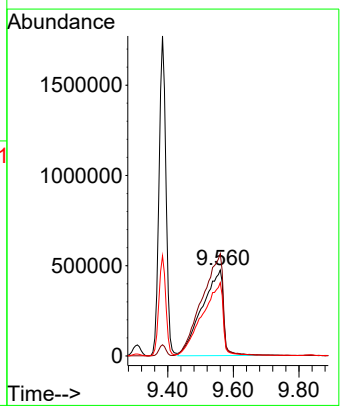


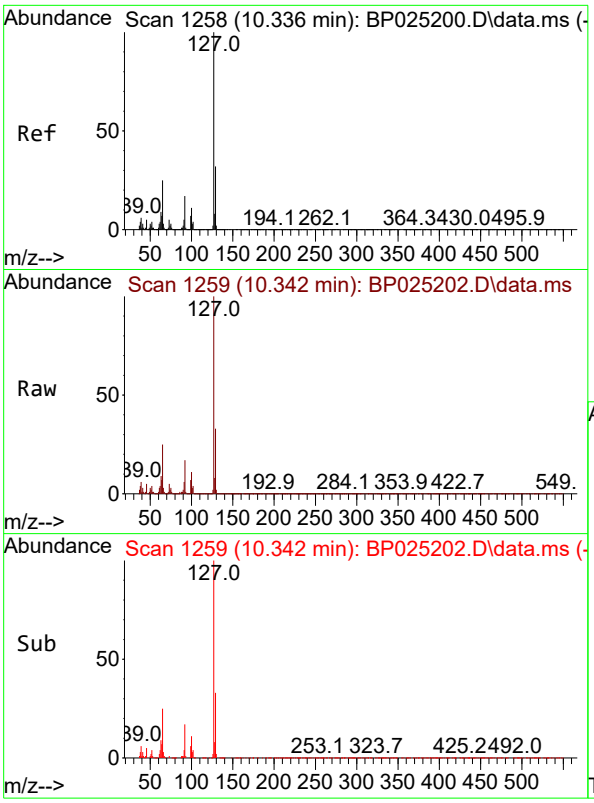


#32
Benzoic acid
Concen: 68.334 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:122 Resp: 2149321

Ion	Ratio	Lower	Upper
122	100		
105	119.1	98.1	138.1
77	85.3	62.7	102.7



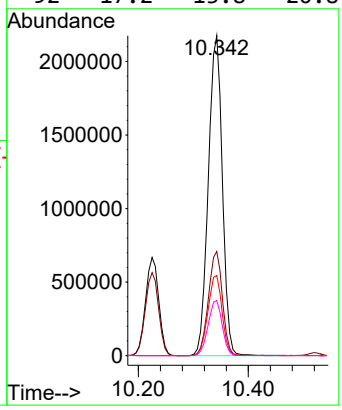


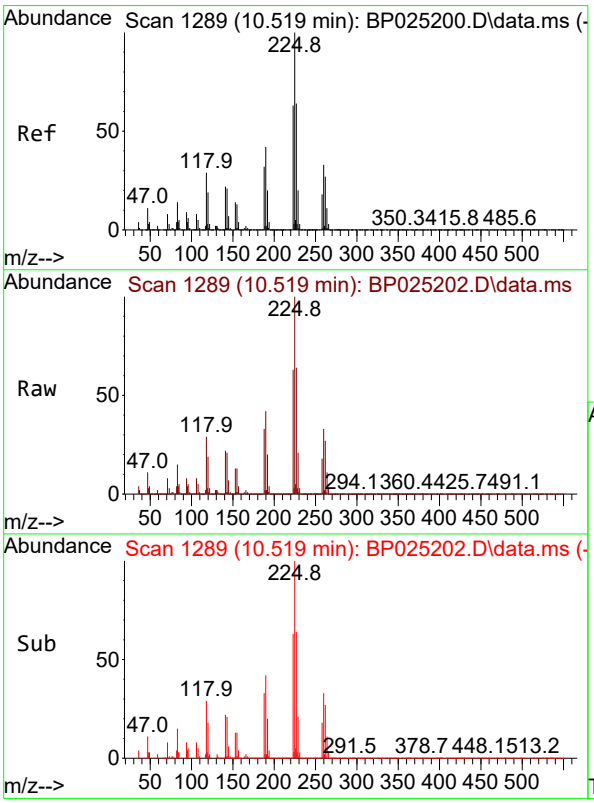
#33
4-Chloroaniline
Concen: 61.295 ng
RT: 10.342 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 3853838

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	25.1	20.2	30.4
92	17.2	13.8	20.8

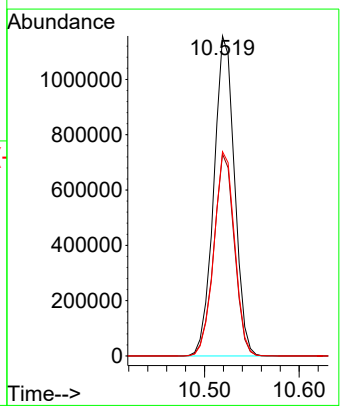


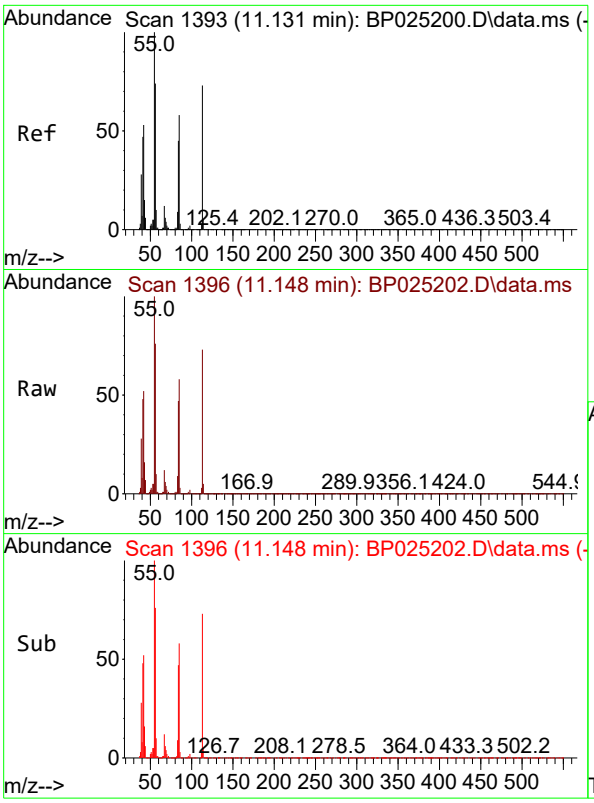


#34
Hexachlorobutadiene
Concen: 60.210 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:225 Resp: 1757479

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	63.9	51.4	77.0



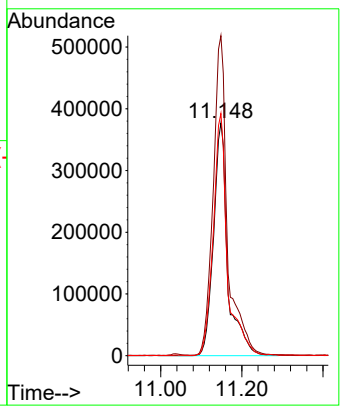


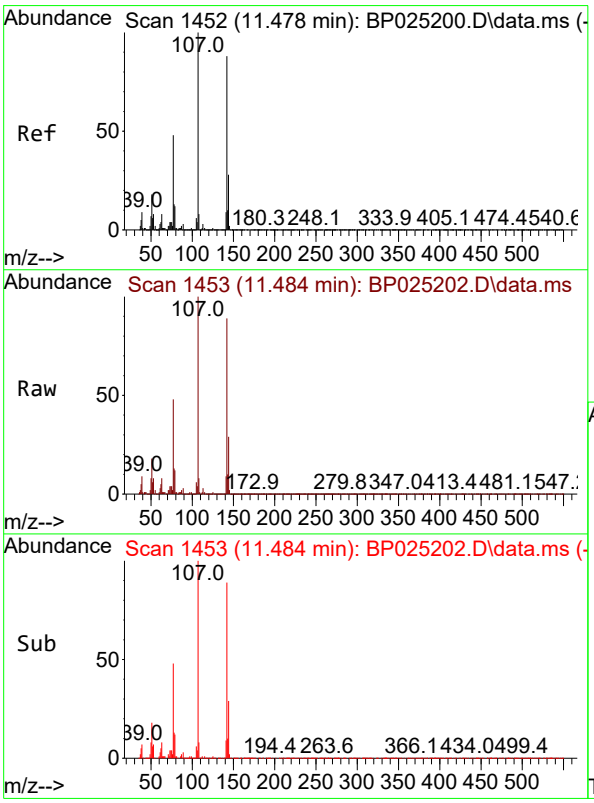
#35
Caprolactam
Concen: 62.713 ng
RT: 11.148 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 911643

Ion	Ratio	Lower	Upper
113	100		
55	137.6	117.6	157.6
56	104.2	82.4	122.4

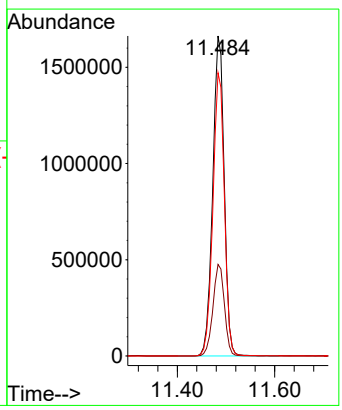


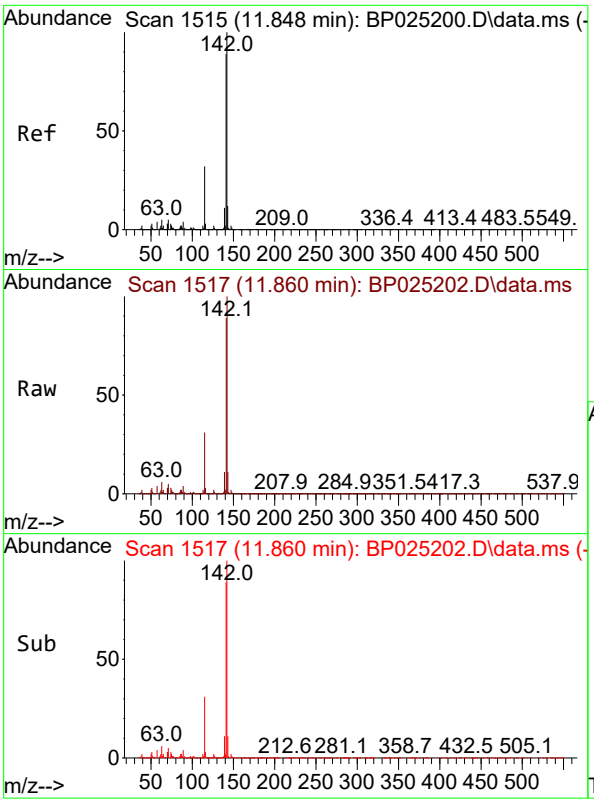


#36
4-Chloro-3-methylphenol
Concen: 61.242 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:107 Resp: 2701662

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	88.5	70.6	105.8



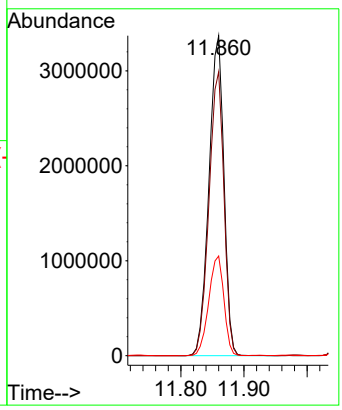


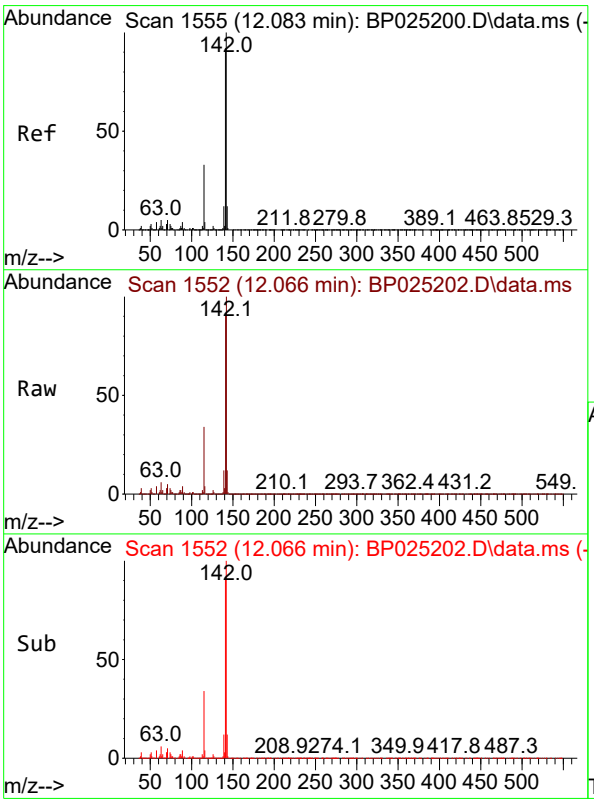
#37
2-Methylnaphthalene
Concen: 59.140 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 5538936

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	31.2	25.3	37.9

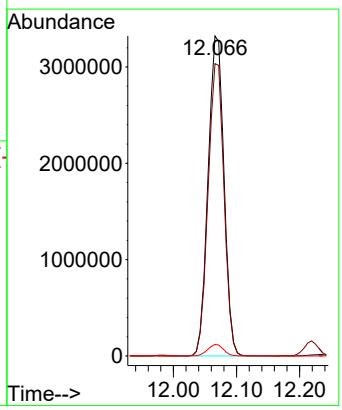


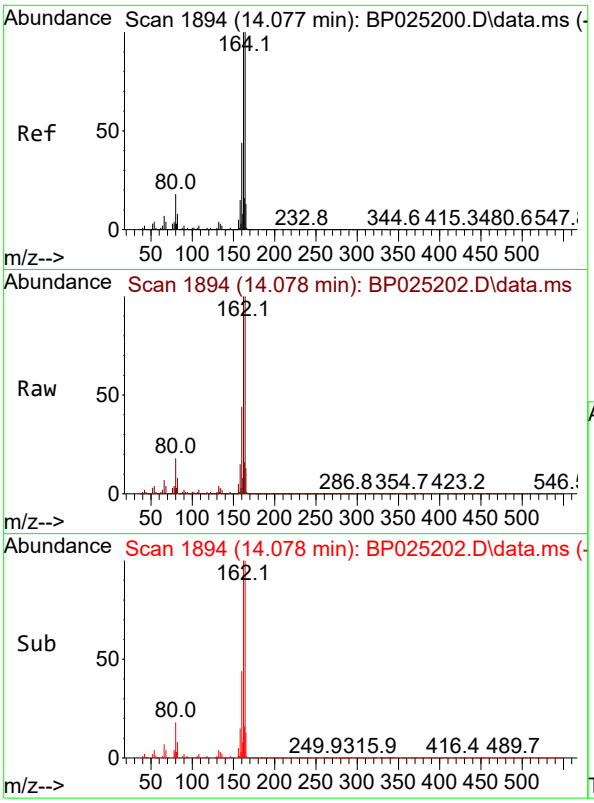


#38
1-Methylnaphthalene
Concen: 58.678 ng
RT: 12.066 min Scan# 1552
Delta R.T. -0.017 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:142 Resp: 5796319

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.6	2.8	4.2



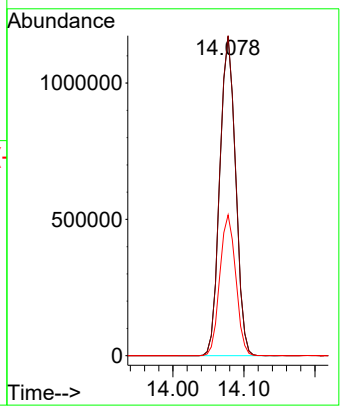


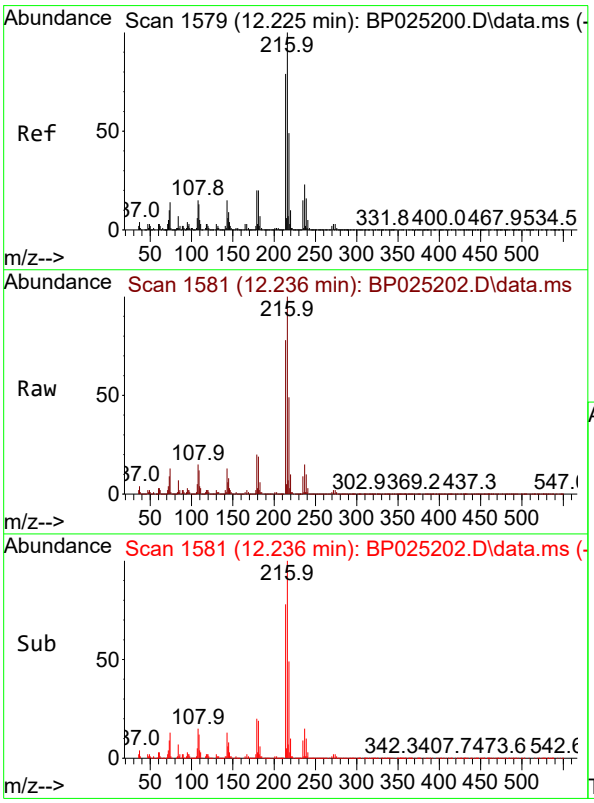
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 1802837

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.3	120.5
160	44.1	35.7	53.5

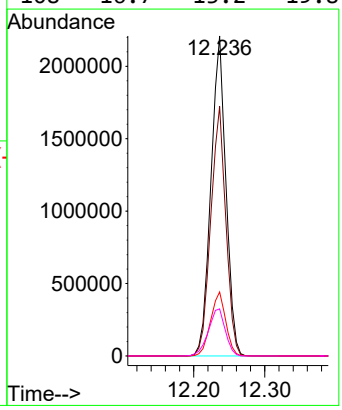


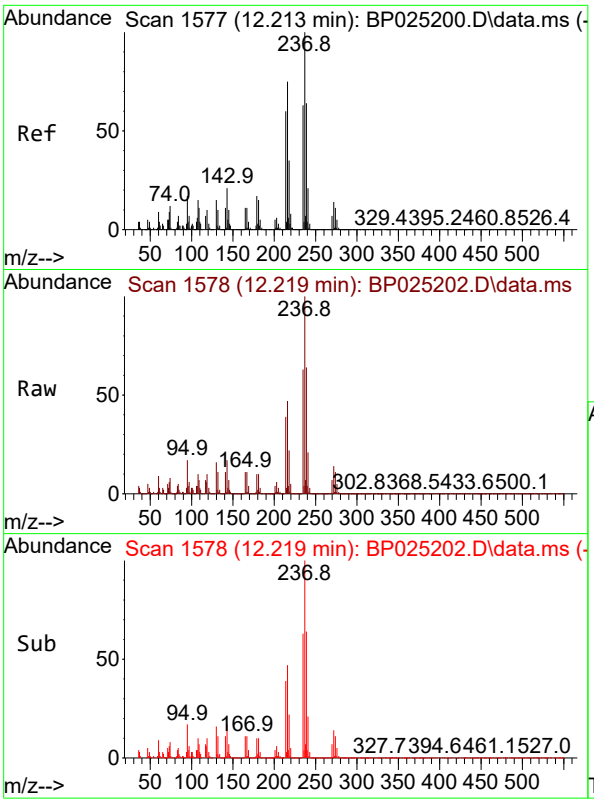


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.145 ng
RT: 12.236 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:216 Resp: 3229034

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.7	94.1
179	20.2	16.2	24.4
108	16.7	13.2	19.8



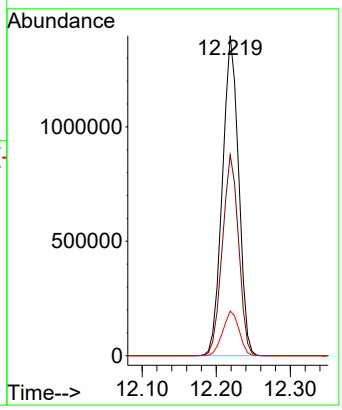


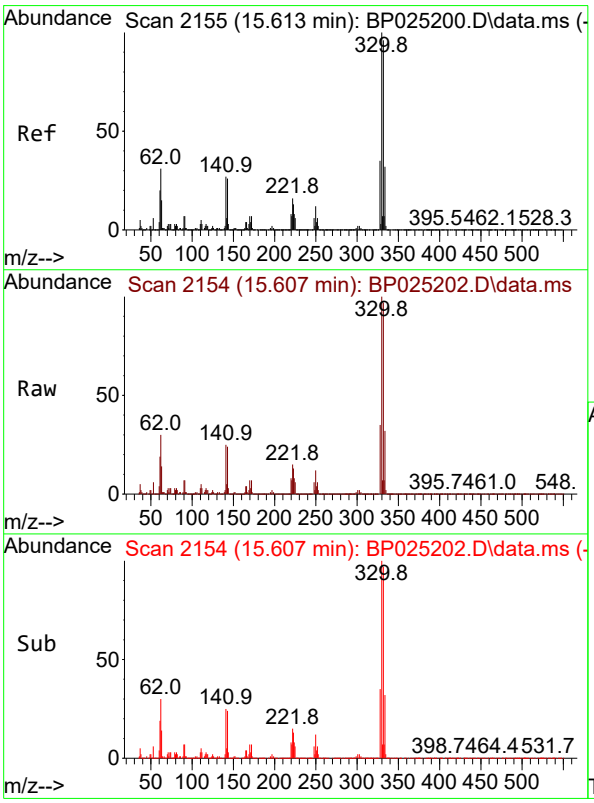
#41
Hexachlorocyclopentadiene
Concen: 68.531 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 2121694

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.7	82.7
272	14.0	0.0	33.6

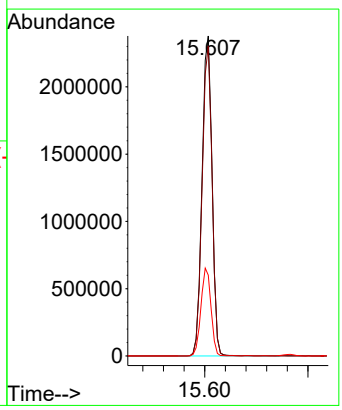


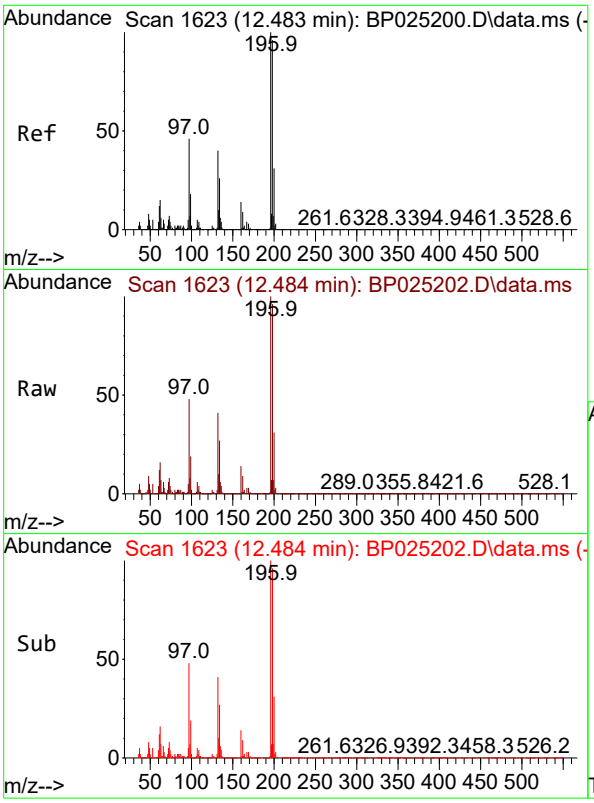


#42
2,4,6-Tribromophenol
Concen: 119.256 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:330 Resp: 3197029

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	27.5	22.4	33.6



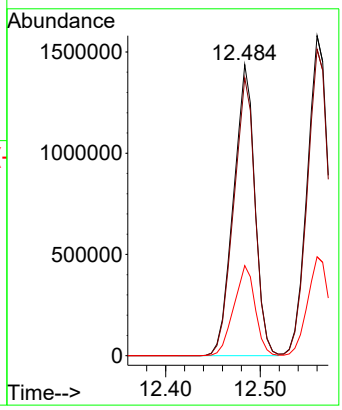


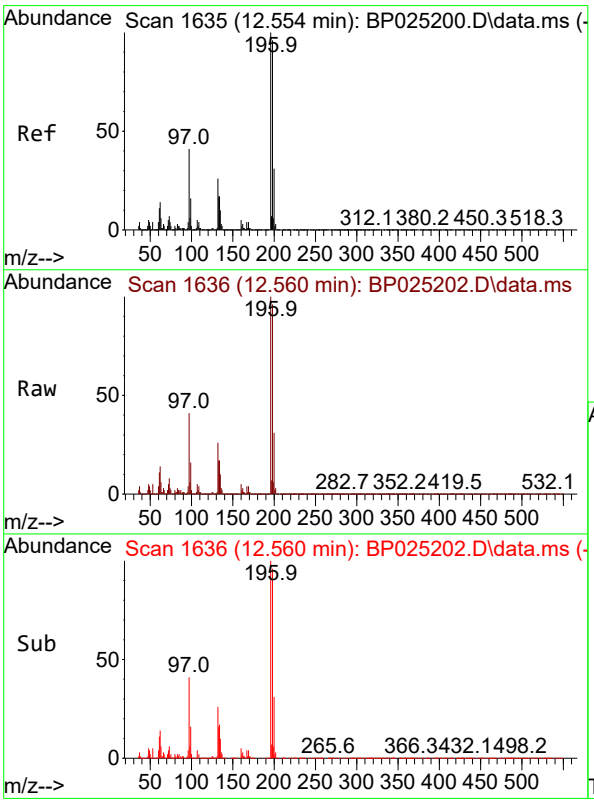
#43
2,4,6-Trichlorophenol
Concen: 61.035 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 2251566

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.6	114.8
200	31.0	24.7	37.1

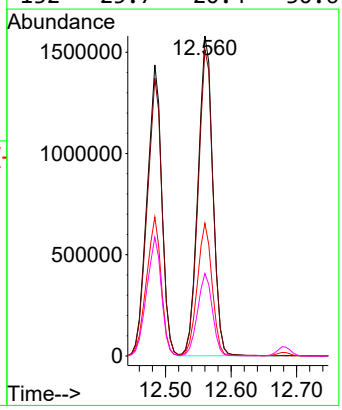


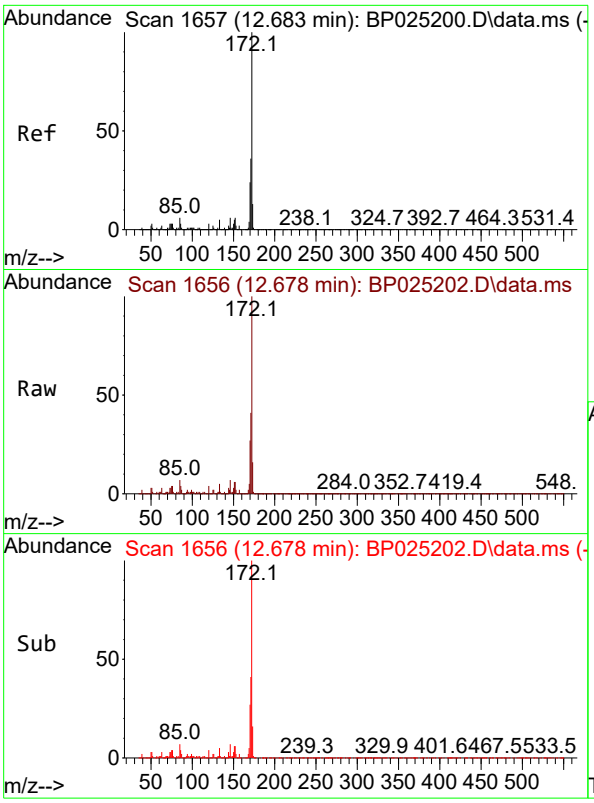


#44
2,4,5-Trichlorophenol
Concen: 61.107 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:196 Resp: 2484748

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.7	115.1
97	41.4	33.0	49.4
132	25.7	20.4	30.6



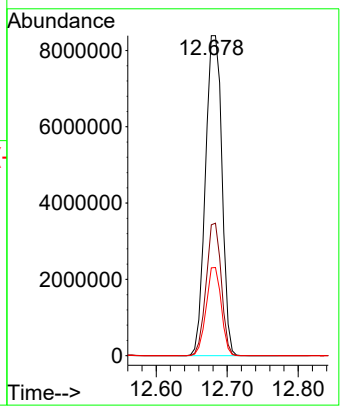


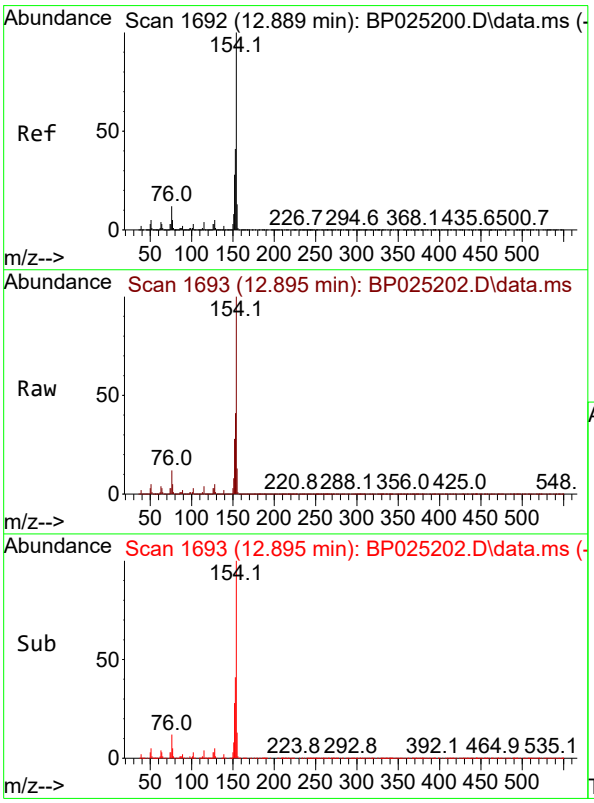
#45
2-Fluorobiphenyl
Concen: 99.423 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp:13539099

Ion	Ratio	Lower	Upper
172	100		
171	40.9	28.8	43.2
170	27.4	19.2	28.8

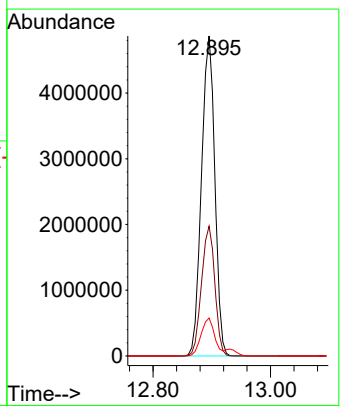


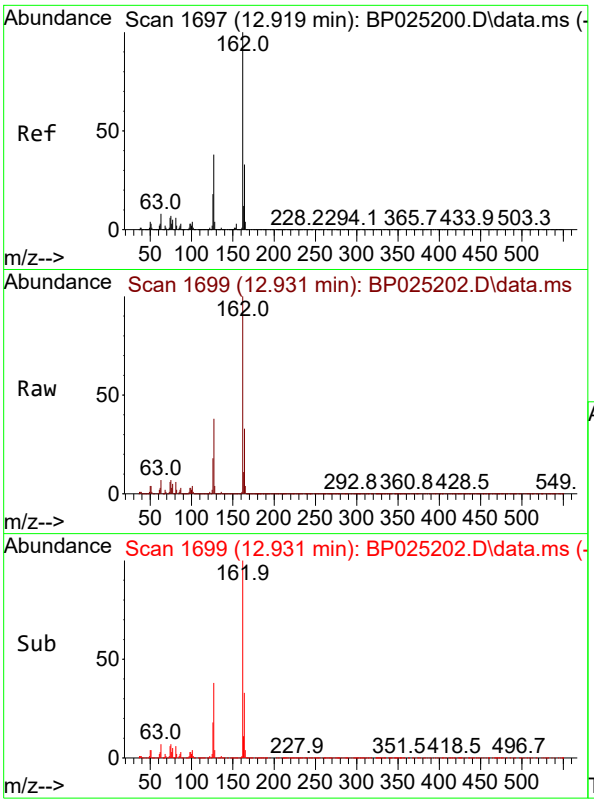


#46
1,1'-Biphenyl
Concen: 57.545 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:154 Resp: 7671161

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	11.8	0.0	31.6



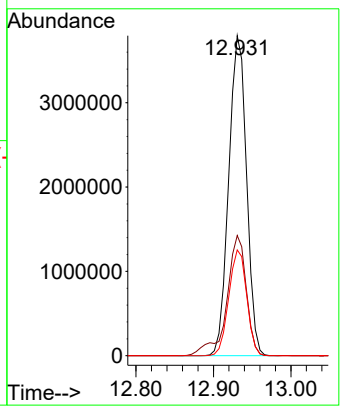


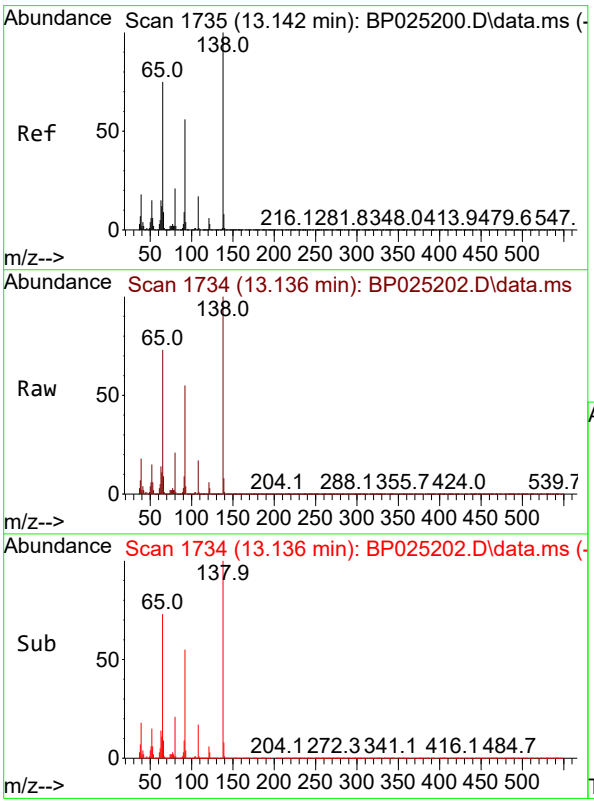
#47
2-Chloronaphthalene
Concen: 58.817 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 6074581

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	33.0	26.5	39.7

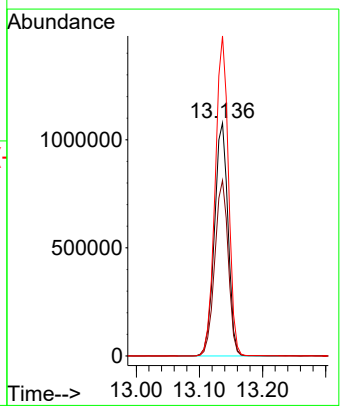


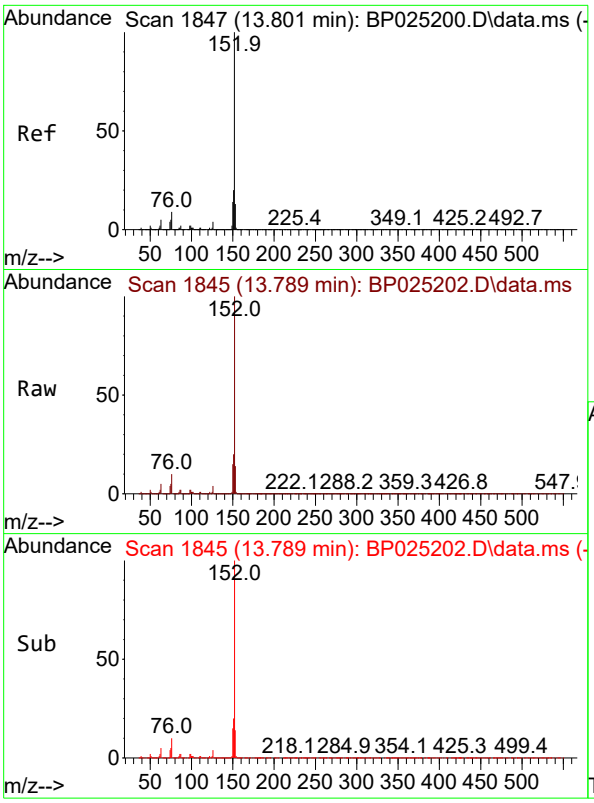


#48
2-Nitroaniline
Concen: 61.905 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 65 Resp: 1603764

Ion	Ratio	Lower	Upper
65	100		
92	75.4	59.9	89.9
138	137.4	107.1	160.7



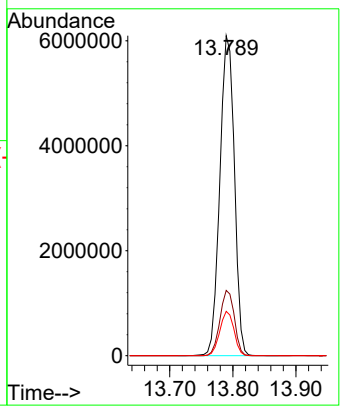


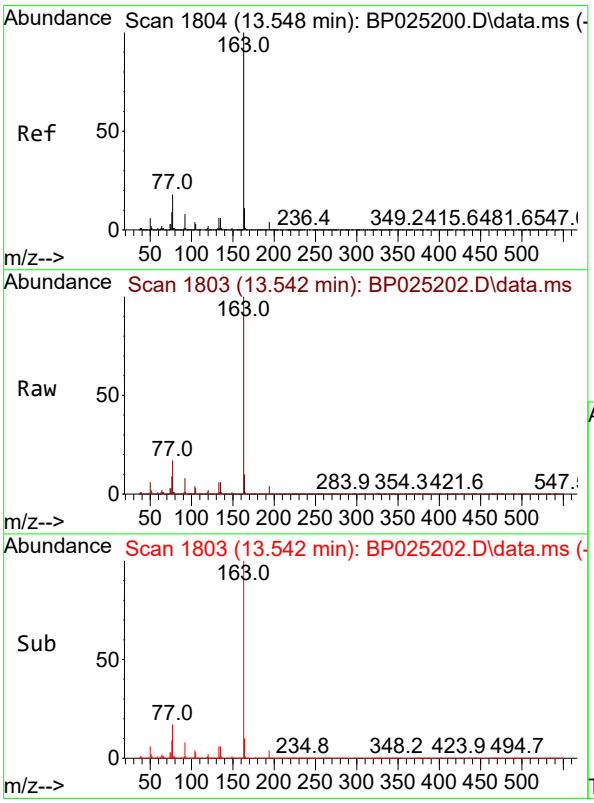
#49
Acenaphthylene
Concen: 57.536 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 9744261

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.9	10.6	15.8

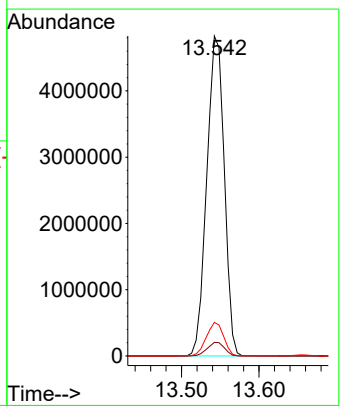


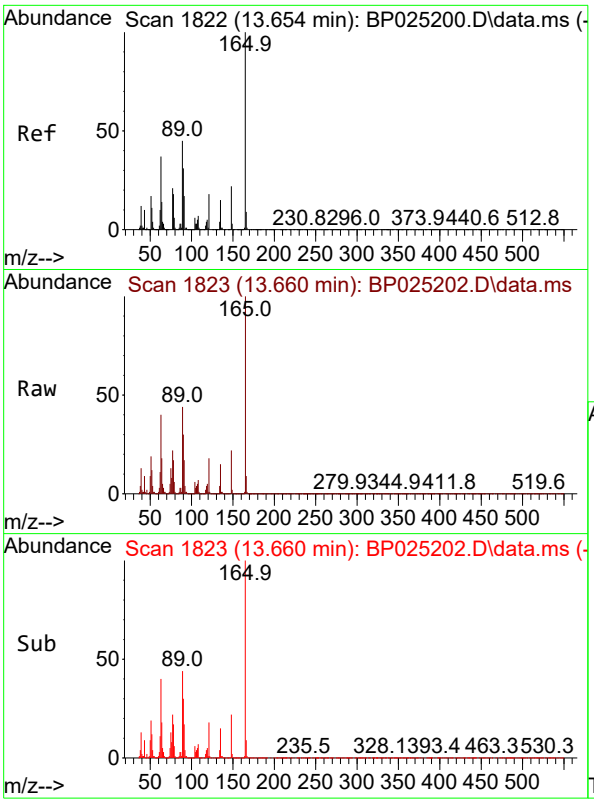


#50
Dimethylphthalate
Concen: 57.607 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:163 Resp: 7577608

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.5	8.5	12.7



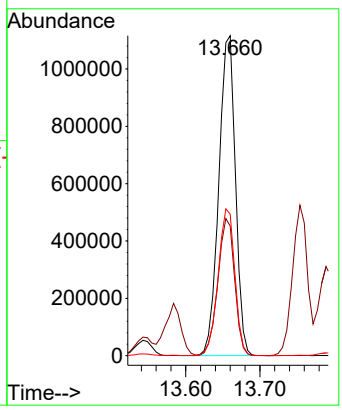


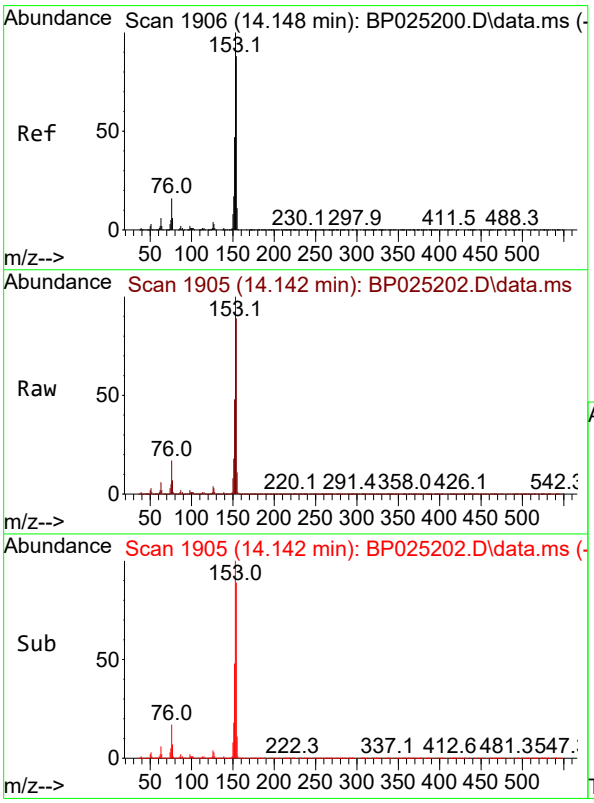
#51
2,6-Dinitrotoluene
Concen: 62.447 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1738822

Ion	Ratio	Lower	Upper
165	100		
63	40.5	33.4	50.2
89	44.2	36.3	54.5

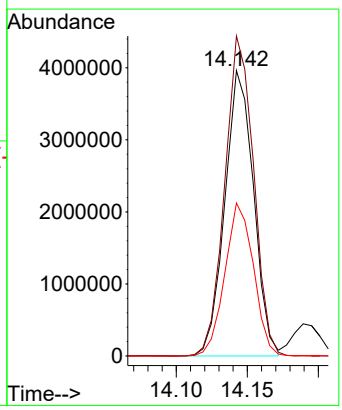


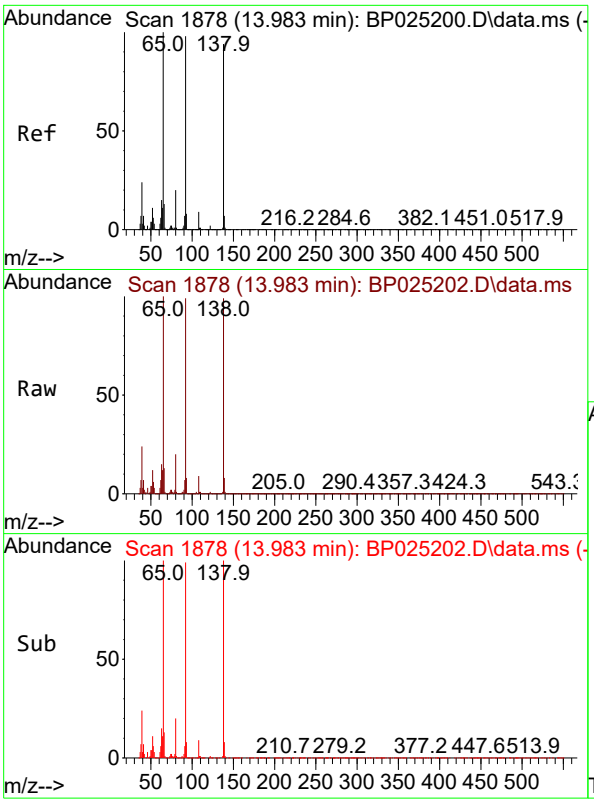


#52
Acenaphthene
Concen: 57.185 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:154 Resp: 5579143

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.7	136.1
152	53.6	42.9	64.3



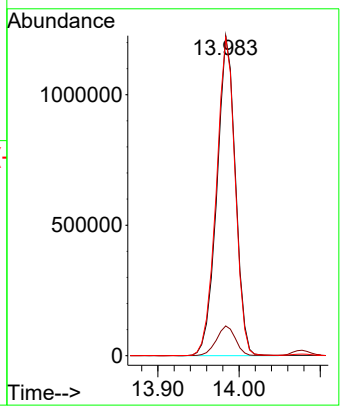


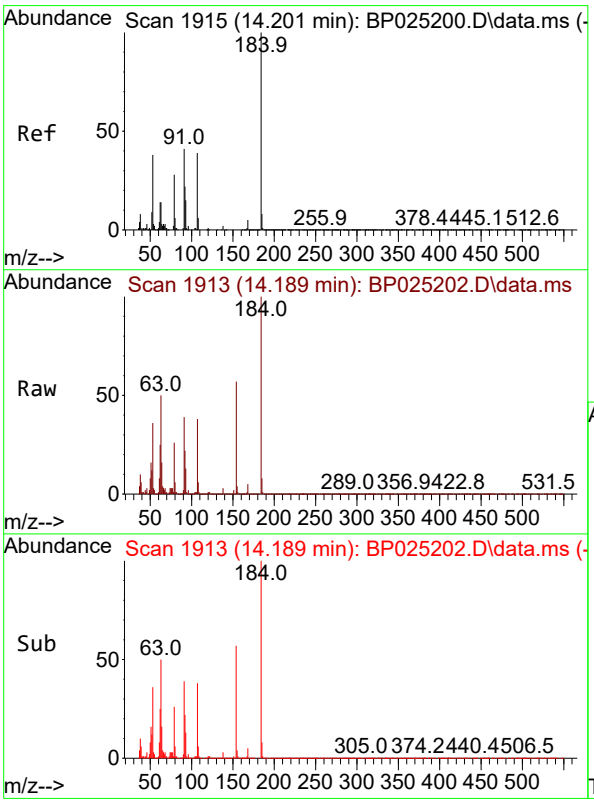
#53
3-Nitroaniline
Concen: 62.002 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 1947927

Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.5	11.3
92	99.5	83.2	124.8

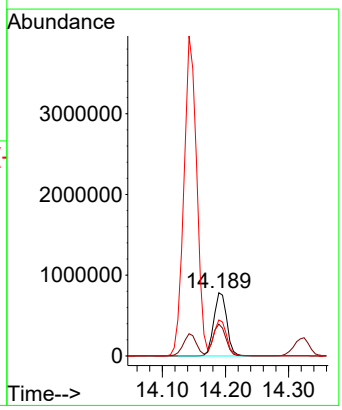


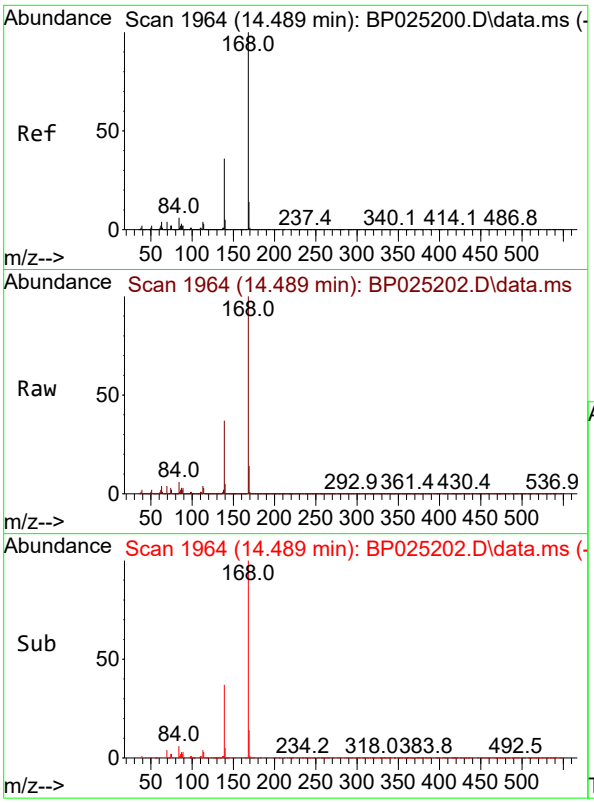


#54
2,4-Dinitrophenol
Concen: 71.772 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:184 Resp: 1119889

Ion	Ratio	Lower	Upper
184	100		
63	50.3	41.8	62.8
154	57.0	45.7	68.5



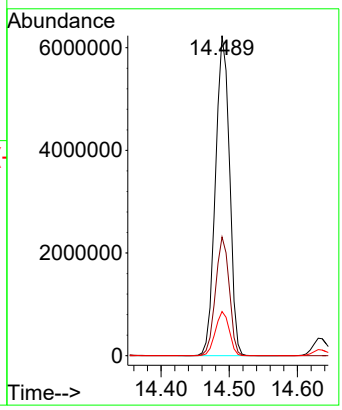


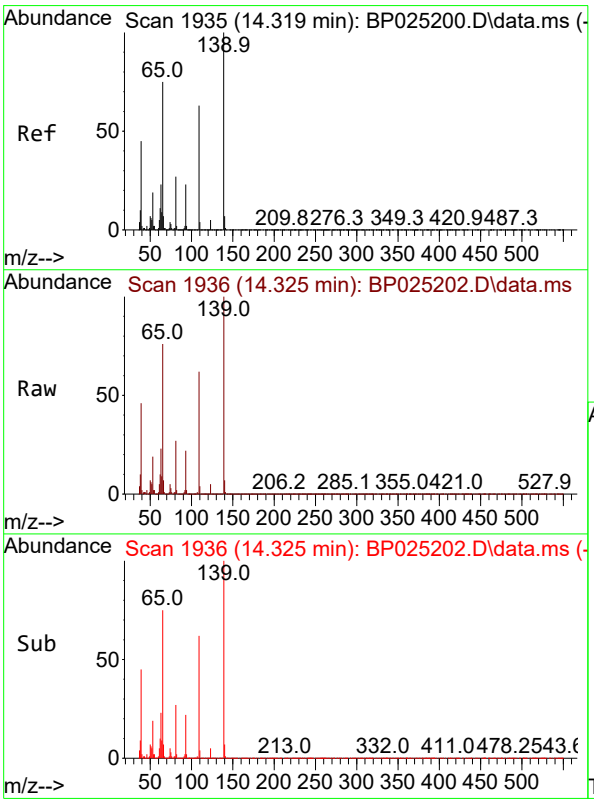
#55
Dibenzofuran
Concen: 56.778 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 8968837

Ion	Ratio	Lower	Upper
168	100		
139	37.1	28.7	43.1
169	13.8	10.9	16.3

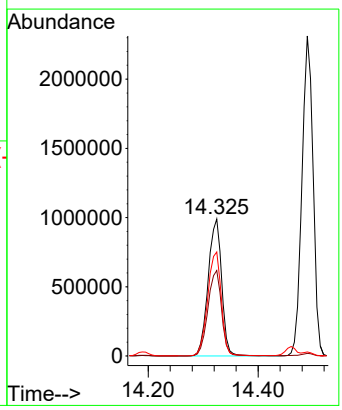


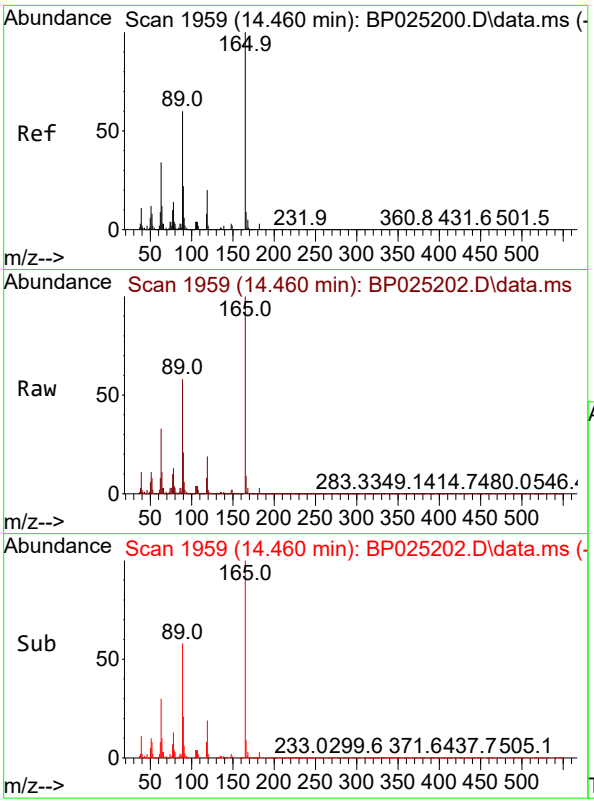


#56
4-Nitrophenol
Concen: 63.331 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:139 Resp: 1695550

Ion	Ratio	Lower	Upper
139	100		
109	62.4	42.6	82.6
65	76.0	55.4	95.4



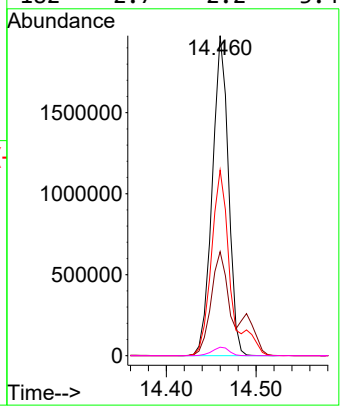


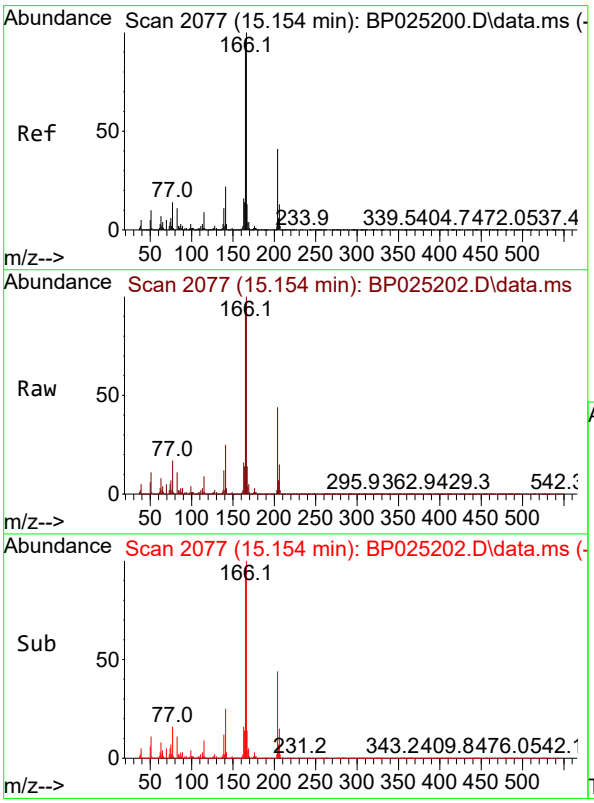
#57
2,4-Dinitrotoluene
Concen: 63.650 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 2469068

Ion	Ratio	Lower	Upper
165	100		
63	32.5	27.0	40.4
89	58.0	47.8	71.6
182	2.7	2.2	3.4

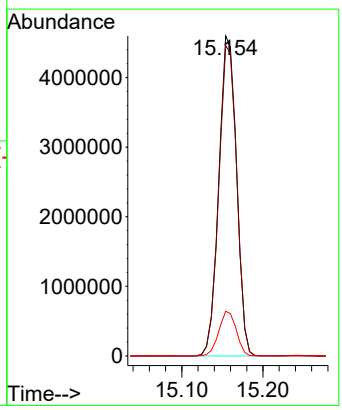


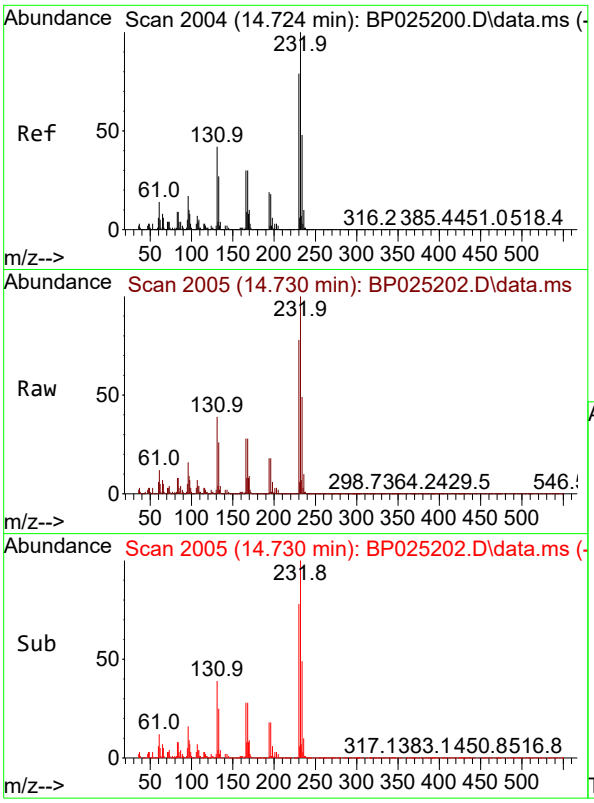


#58
Fluorene
Concen: 55.543 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:166 Resp: 6997947

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	13.9	10.7	16.1



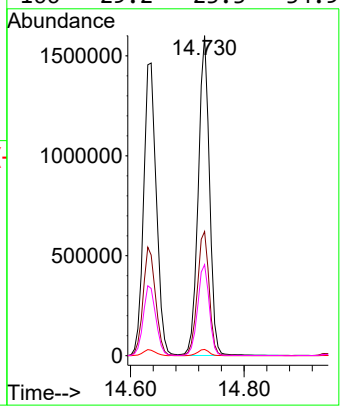


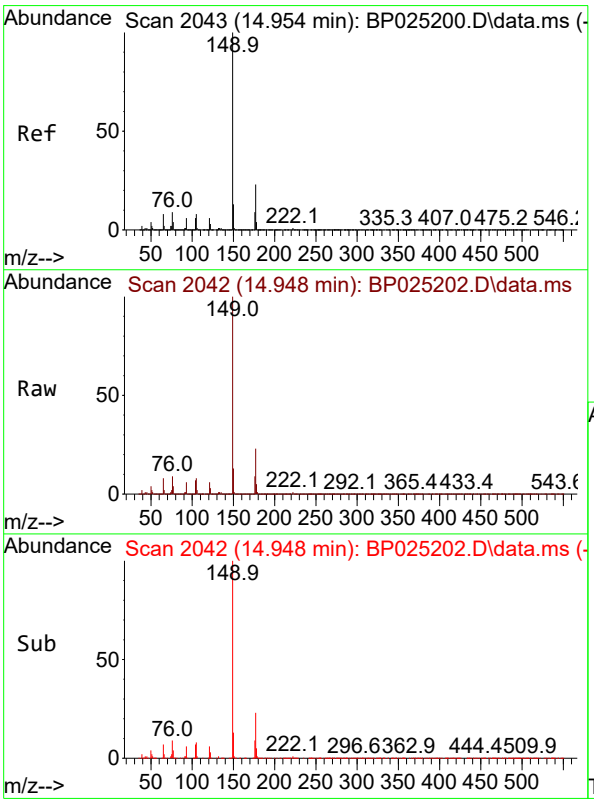
#59
2,3,4,6-Tetrachlorophenol
Concen: 61.026 ng
RT: 14.730 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 2196650

Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.6	48.8
130	2.0	1.6	2.4
166	29.2	23.3	34.9

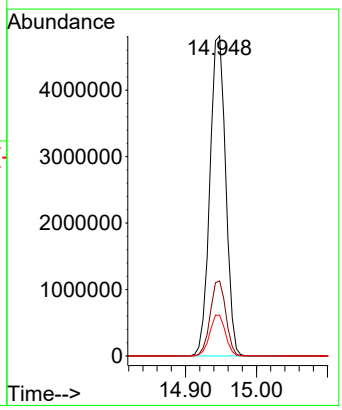


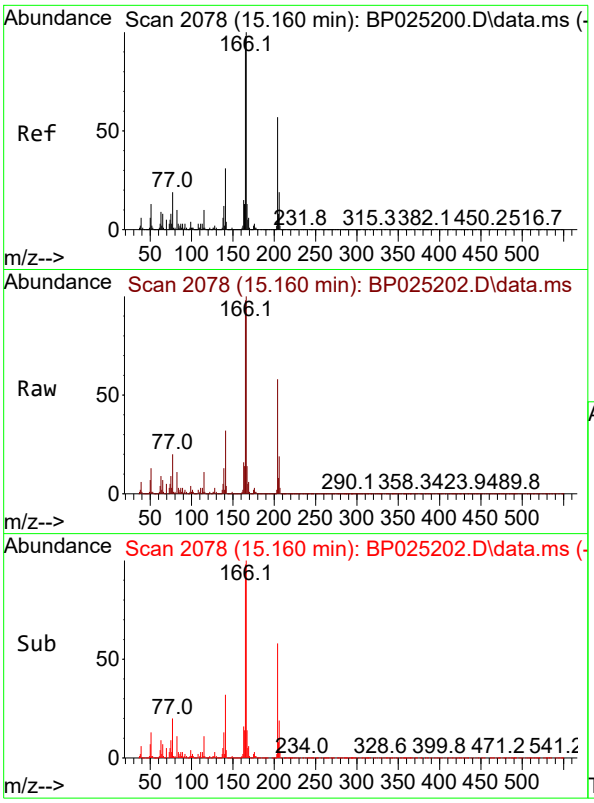


#60
Diethylphthalate
Concen: 57.319 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 7449753

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.4	27.6
150	12.8	10.0	15.0



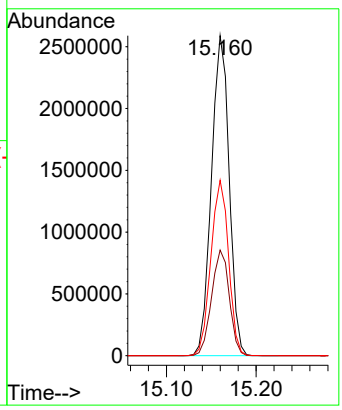


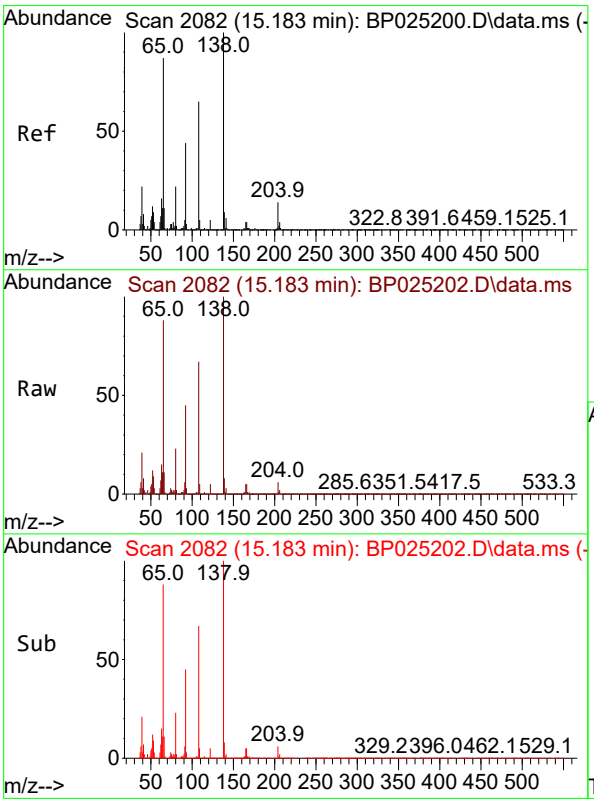
#61
4-Chlorophenyl-phenylether
Concen: 55.969 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 3554251

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	54.8	43.0	64.6

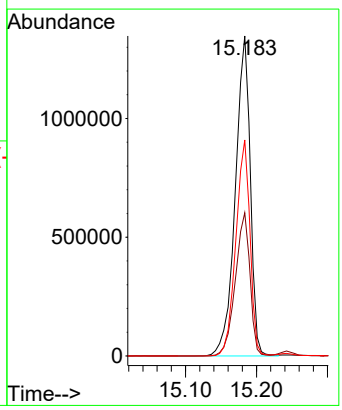


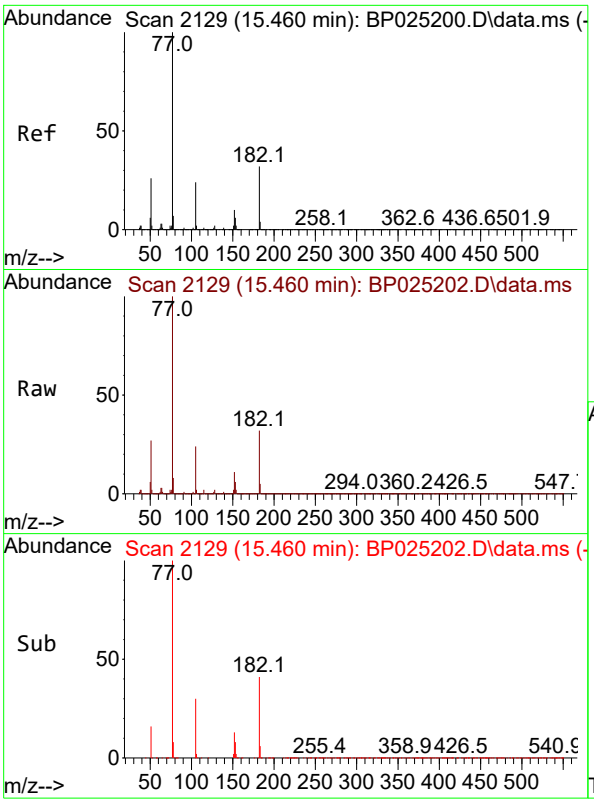


#62
4-Nitroaniline
Concen: 61.804 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:138 Resp: 1978662

Ion	Ratio	Lower	Upper
138	100		
92	44.8	24.0	64.0
108	67.5	44.9	84.9



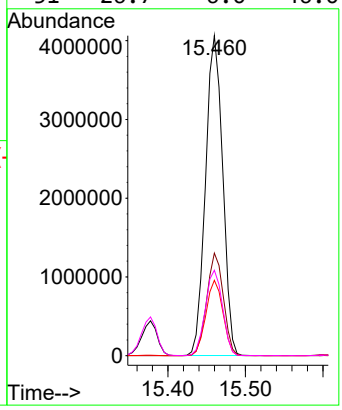


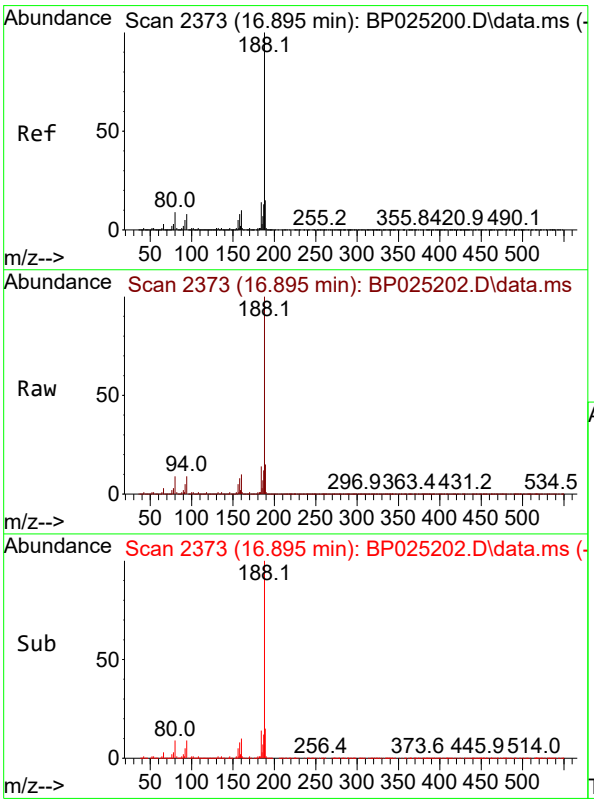
#63
Azobenzene
Concen: 59.884 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 6251887

Ion	Ratio	Lower	Upper
77	100		
182	32.1	12.0	52.0
105	23.6	3.6	43.6
51	26.7	6.0	46.0

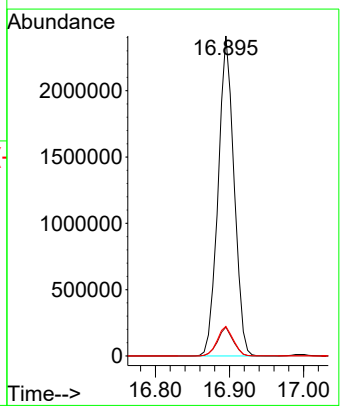


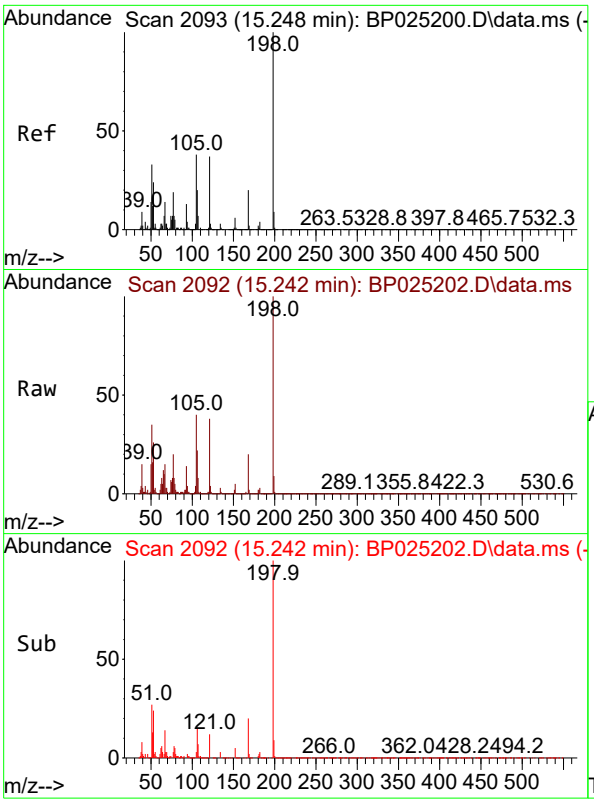


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:188 Resp: 3596132

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.3	7.3	10.9



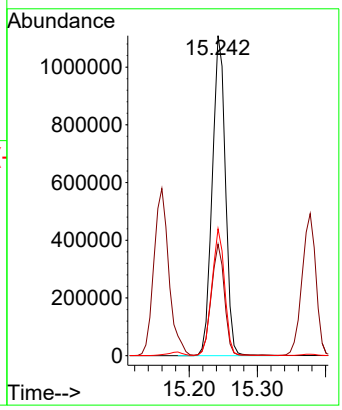


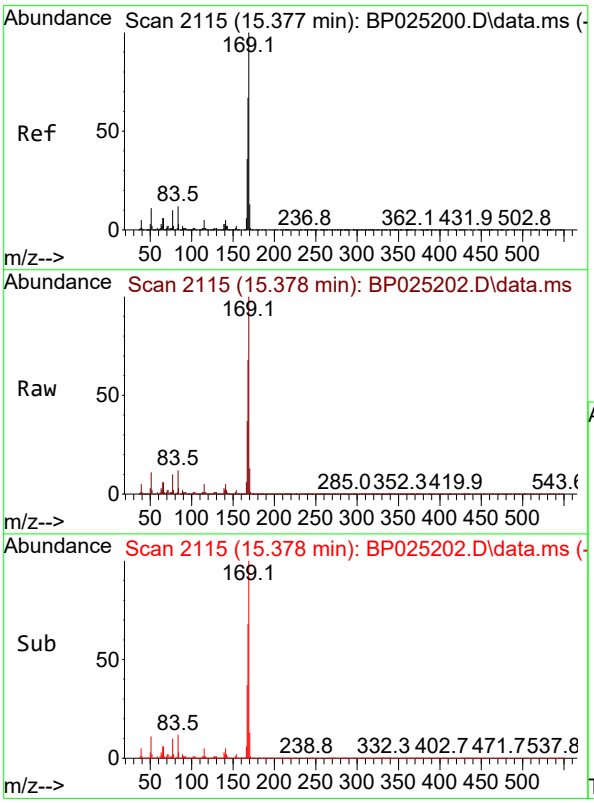
#65
4,6-Dinitro-2-methylphenol
Concen: 66.114 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 1488428

Ion	Ratio	Lower	Upper
198	100		
51	34.8	14.6	54.6
105	39.6	18.3	58.3

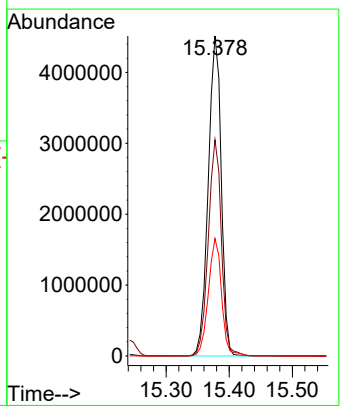


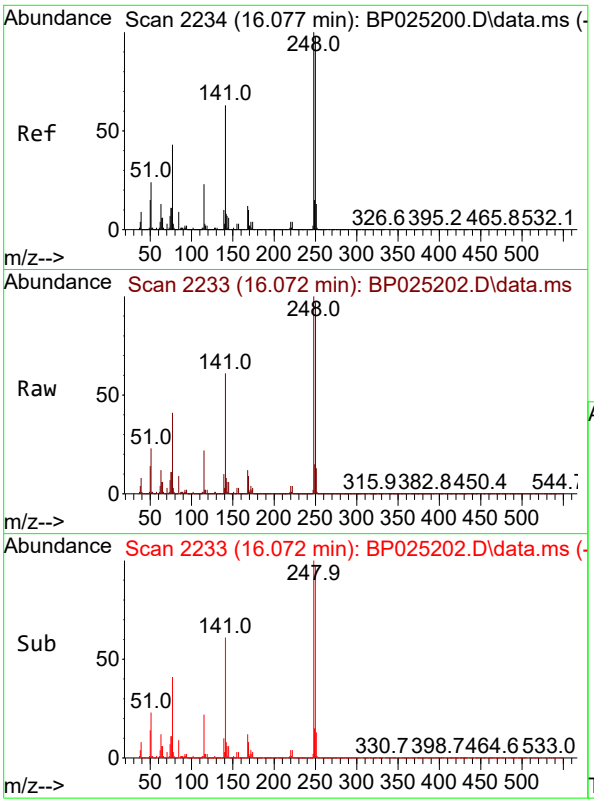


#66
n-Nitrosodiphenylamine
Concen: 57.405 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:169 Resp: 6429114

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.7	80.5
167	36.7	29.0	43.6



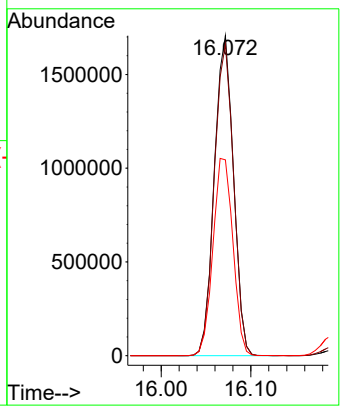


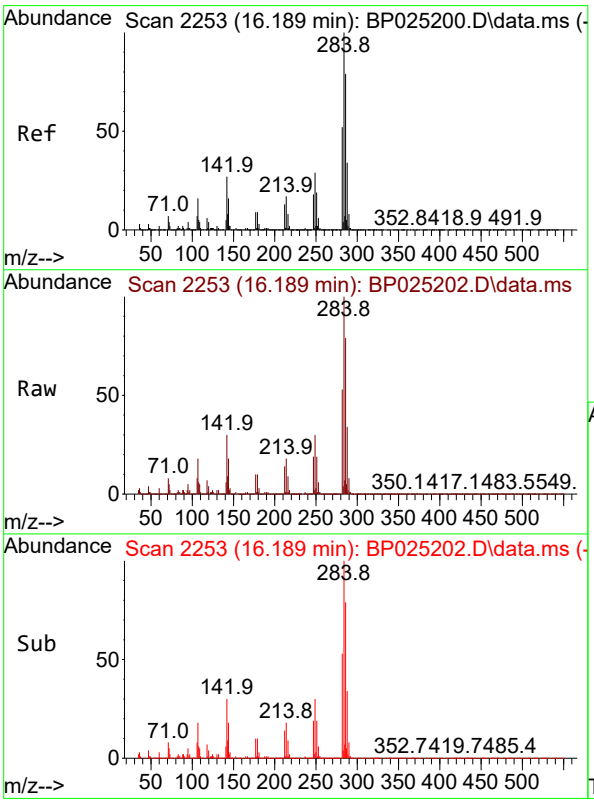
#67
4-Bromophenyl-phenylether
Concen: 59.785 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 2534895

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.5	117.7
141	61.2	50.5	75.7

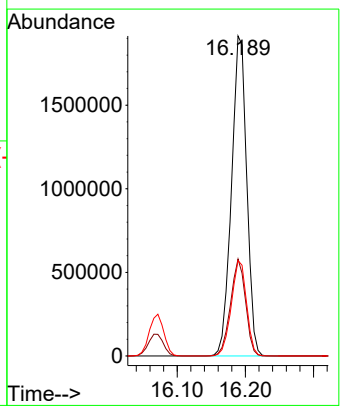


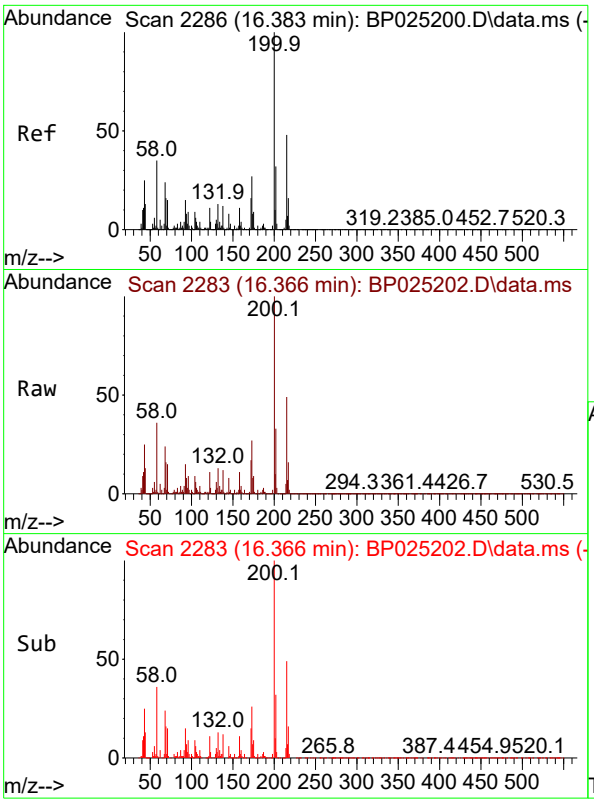


#68
Hexachlorobenzene
Concen: 58.786 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:284 Resp: 2976346

Ion	Ratio	Lower	Upper
284	100		
142	30.3	21.5	32.3
249	29.8	23.4	35.0



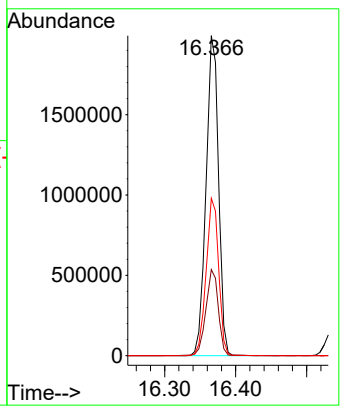


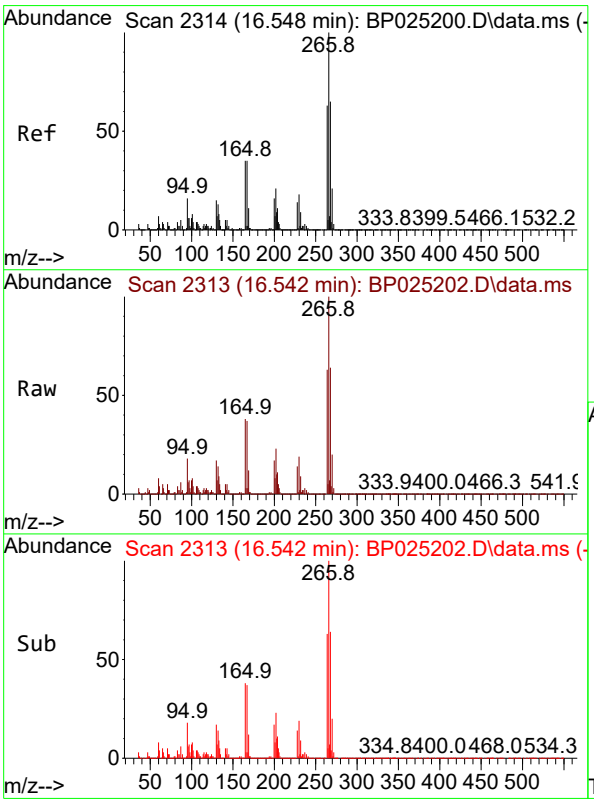
#69
Atrazine
Concen: 59.621 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 2433839

Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.4	47.4
215	49.2	28.5	68.5

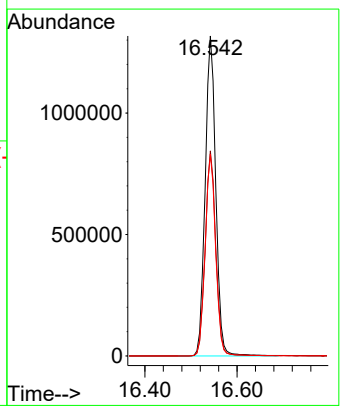


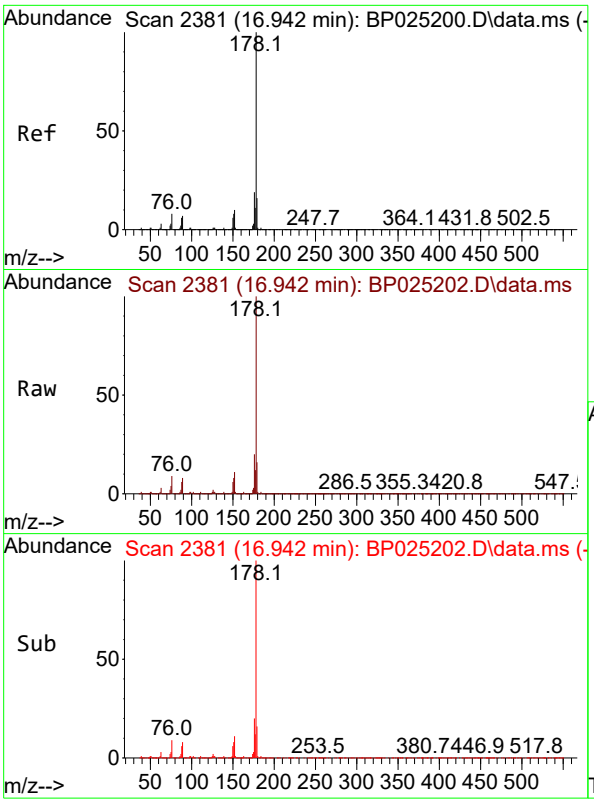


#70
Pentachlorophenol
Concen: 62.871 ng
RT: 16.542 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:266 Resp: 2118802

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.8	77.6
264	63.1	50.3	75.5



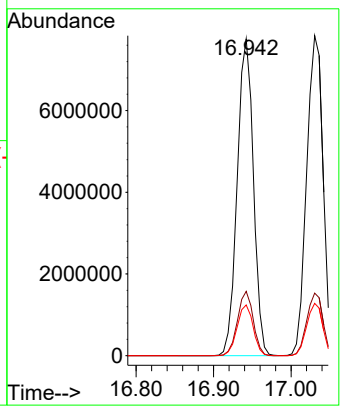


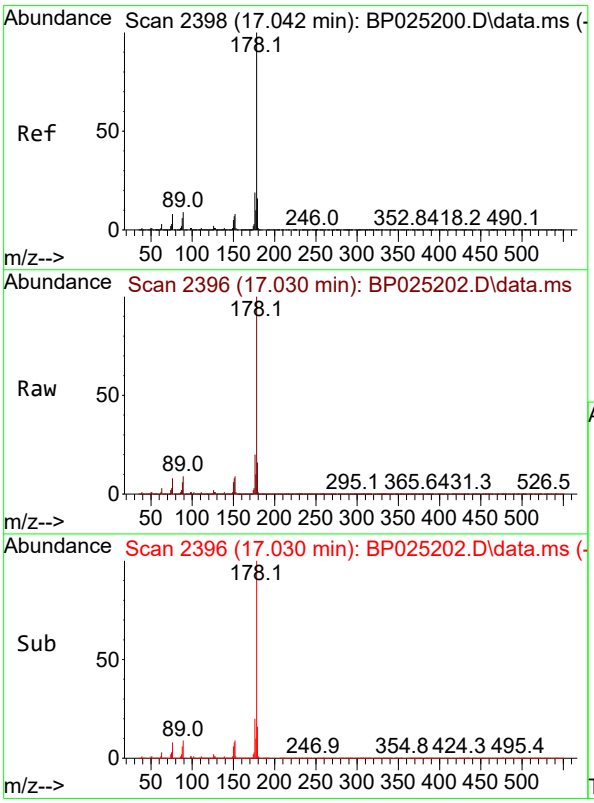
#71
Phenanthrene
Concen: 56.373 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp:11295817

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.6	23.4
179	16.0	12.5	18.7

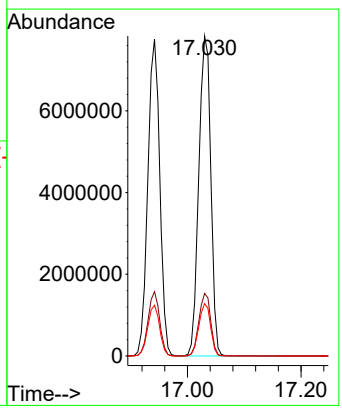


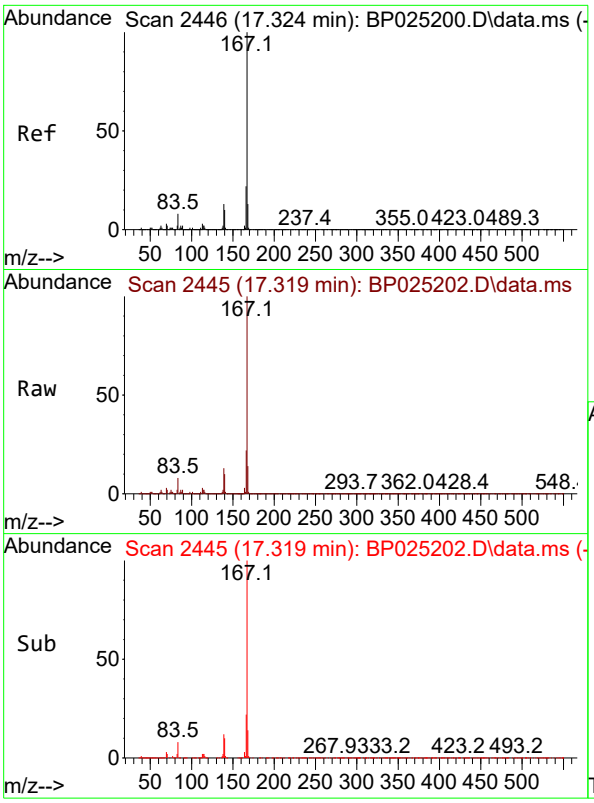


#72
Anthracene
Concen: 56.508 ng
RT: 17.030 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:178 Resp:11494384

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	16.4	12.5	18.7



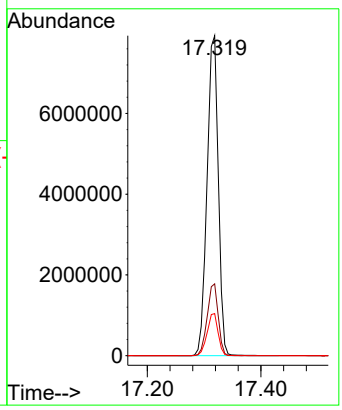


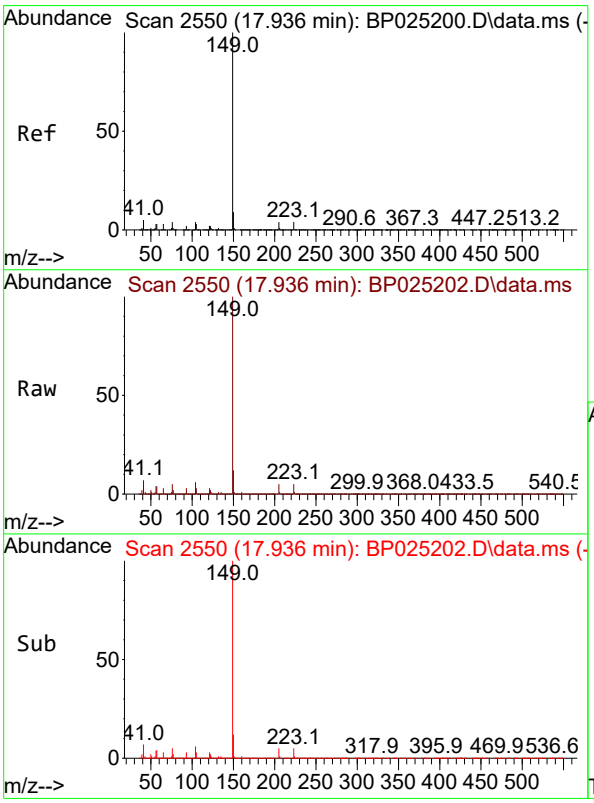
#73
Carbazole
Concen: 55.990 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp:10836403

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.3	25.9
139	13.2	10.1	15.1

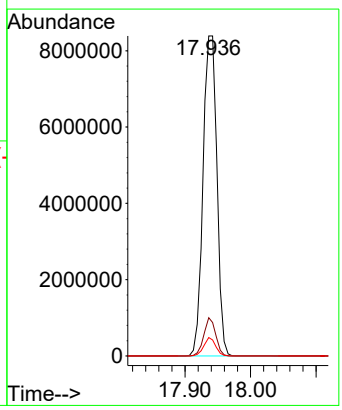


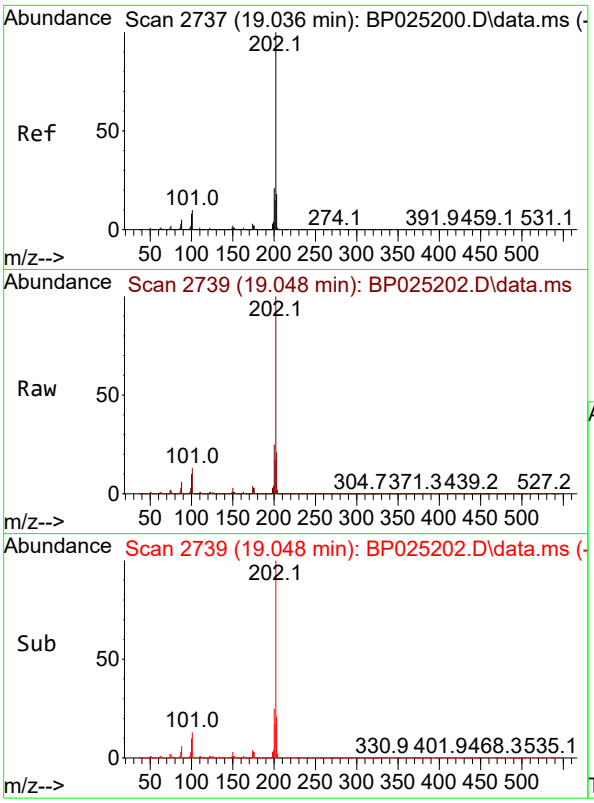


#74
Di-n-butylphthalate
Concen: 54.431 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp:12352965

Ion	Ratio	Lower	Upper
149	100		
150	11.9	7.6	11.4#
104	5.8	3.5	5.3#



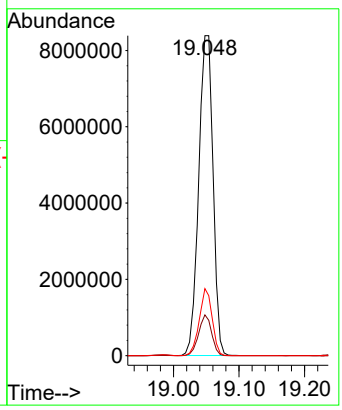


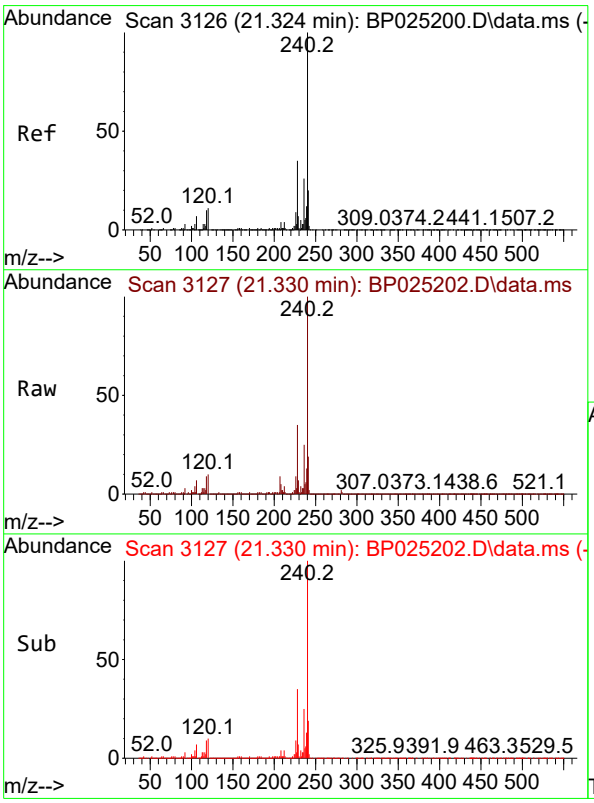
#75
Fluoranthene
Concen: 53.956 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp:12783070

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.3
203	20.9	0.0	38.0

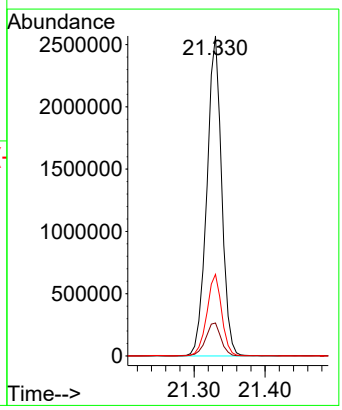


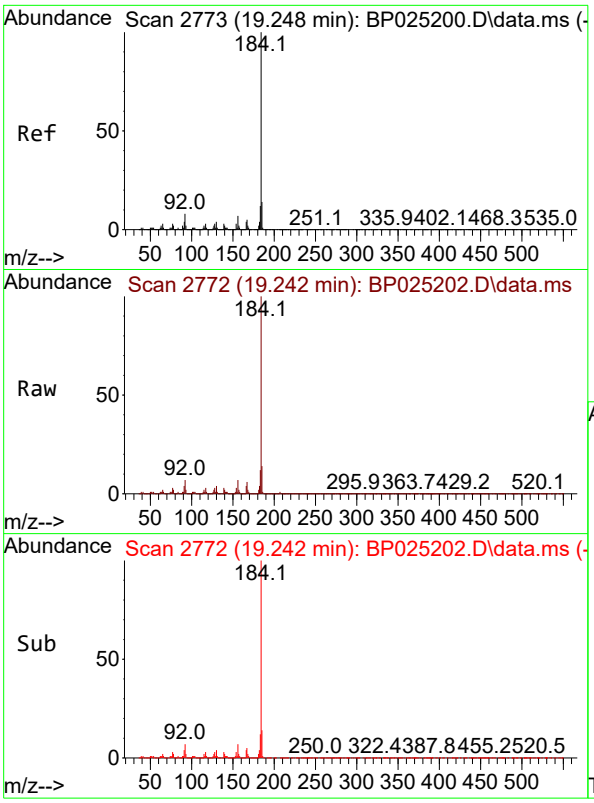


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:240 Resp: 3712729

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	25.5	20.9	31.3



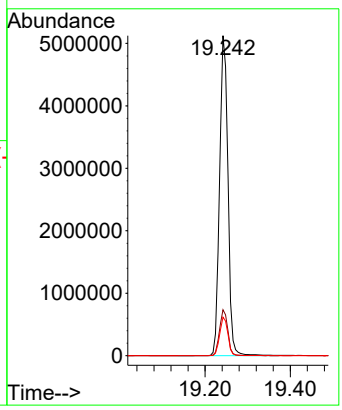


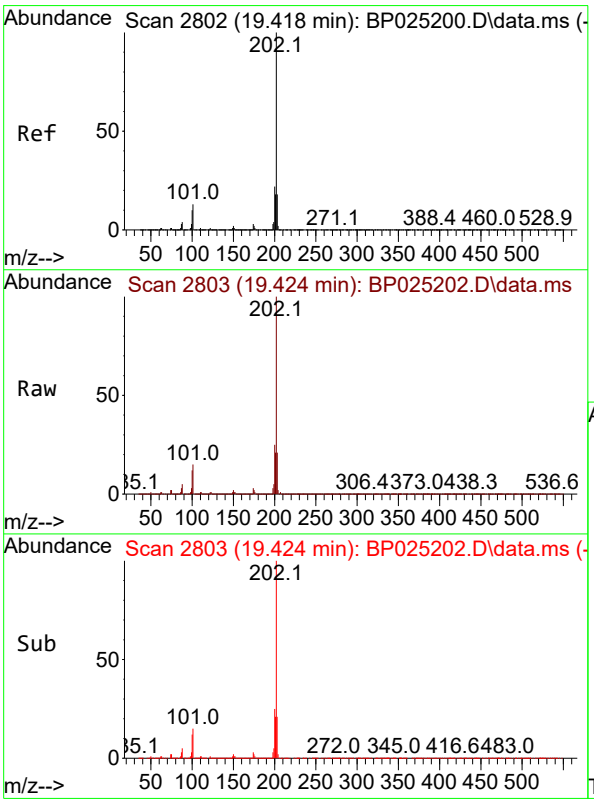
#77
Benzidine
Concen: 49.133 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 6968232

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	12.1	9.6	14.4

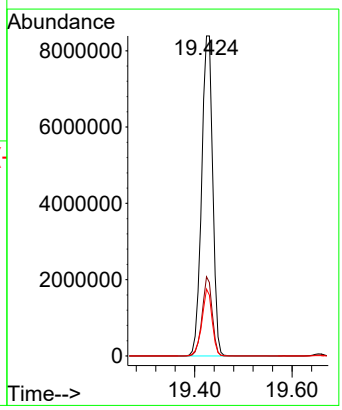


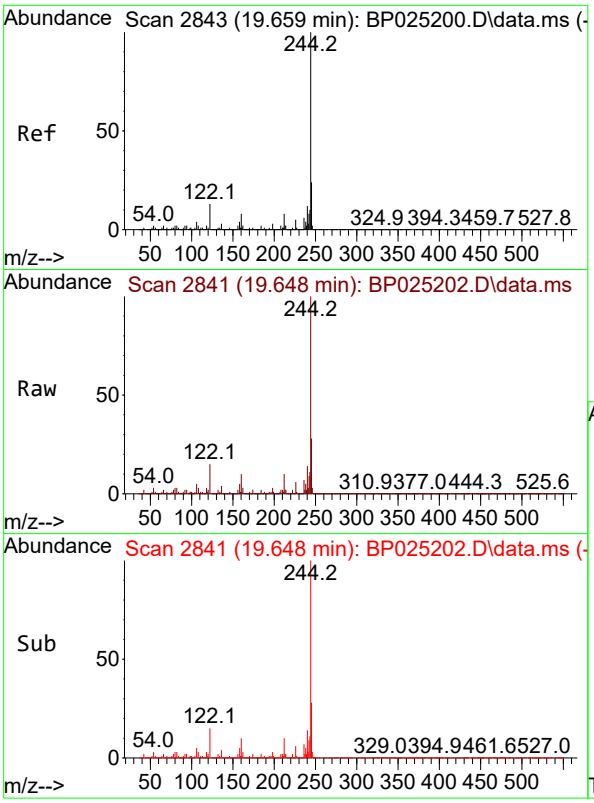


#78
Pyrene
Concen: 56.032 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:202 Resp:13220717

Ion	Ratio	Lower	Upper
202	100		
200	24.8	17.4	26.2
203	20.9	14.3	21.5



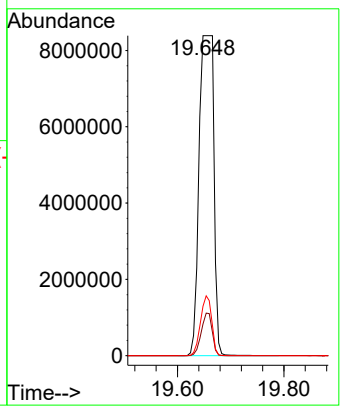


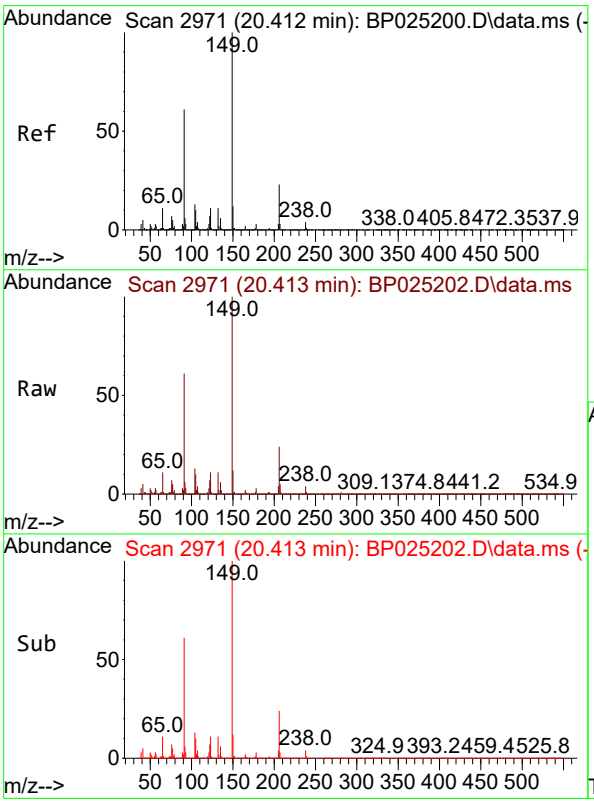
#79
Terphenyl-d14
Concen: 81.157 ng
RT: 19.648 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:16134390

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.6	9.8#
122	15.5	10.3	15.5

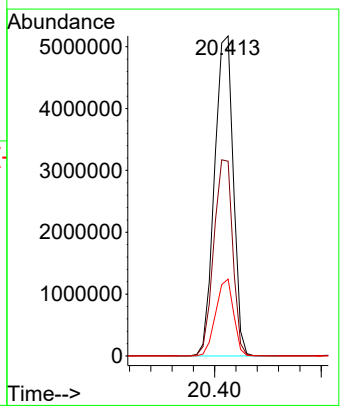


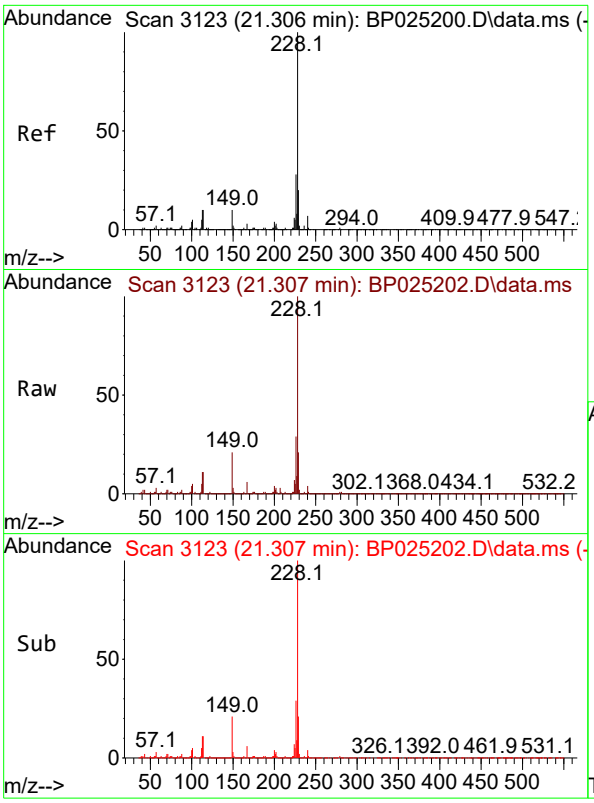


#80
Butylbenzylphthalate
Concen: 60.572 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 6306883

Ion	Ratio	Lower	Upper
149	100		
91	60.9	48.8	73.2
206	24.0	18.4	27.6



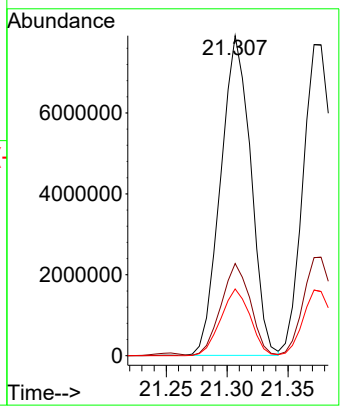


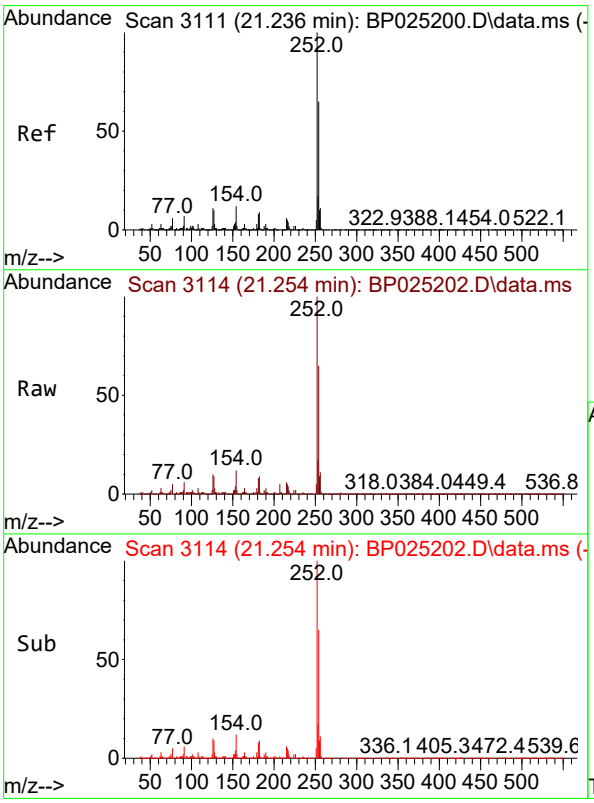
#81
Benzo(a)anthracene
Concen: 56.319 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp:13600779

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.9	16.2	24.2

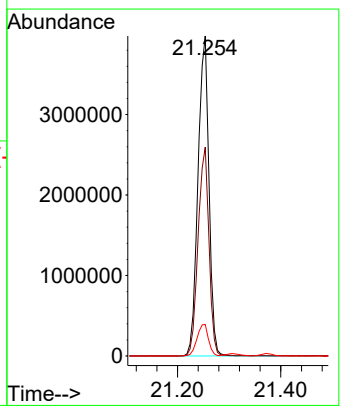


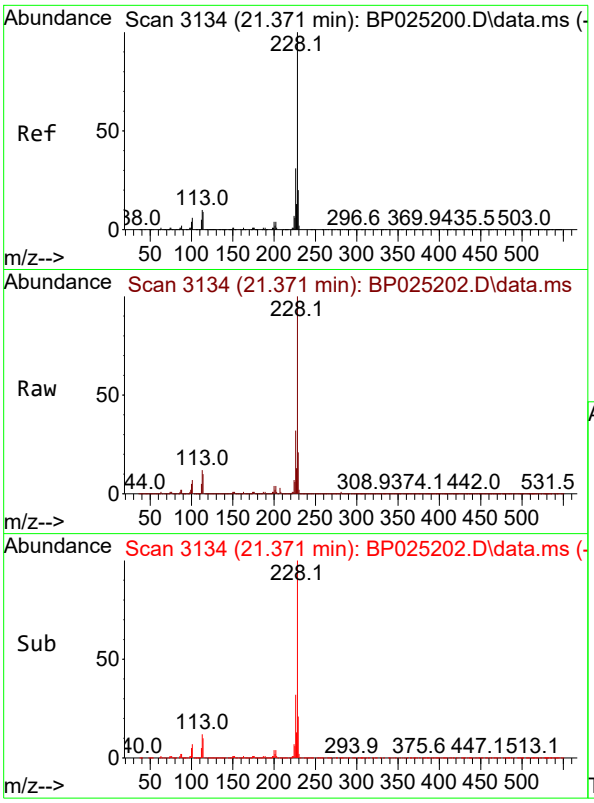


#82
3,3'-Dichlorobenzidine
Concen: 59.005 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp: 5842950

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	9.9	8.6	12.8



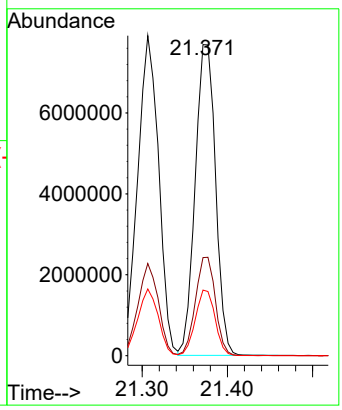


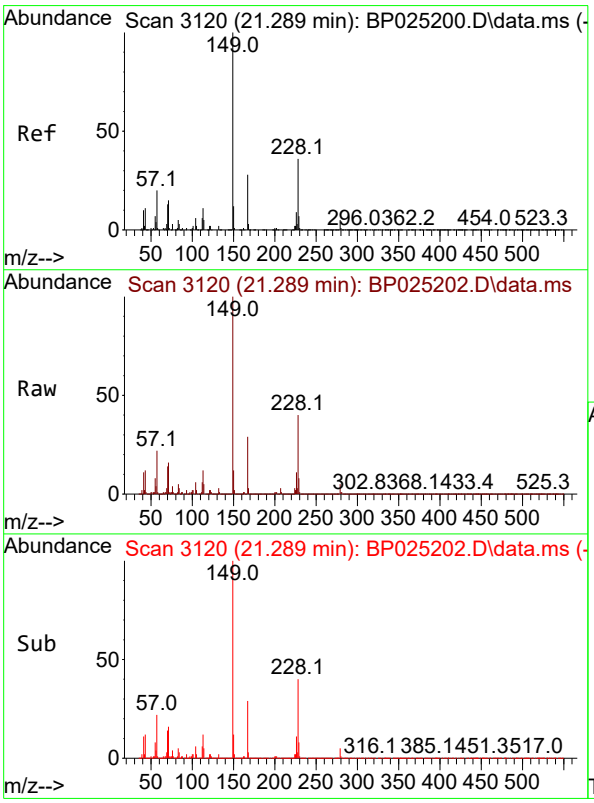
#83
Chrysene
Concen: 56.724 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp:12774794

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	21.1	16.0	24.0

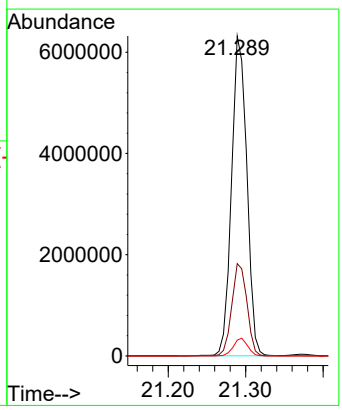


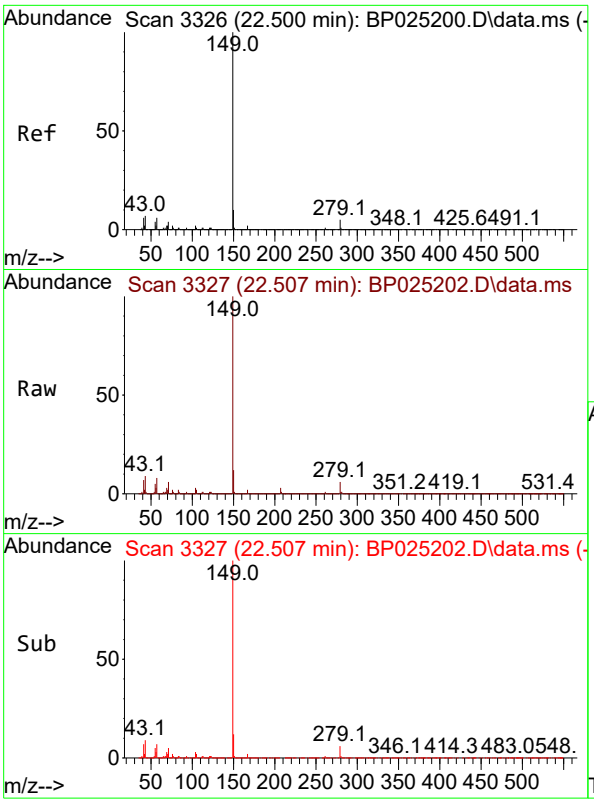


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.201 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 8682877

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	4.9	4.0	6.0



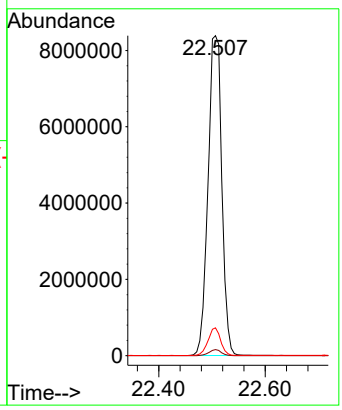


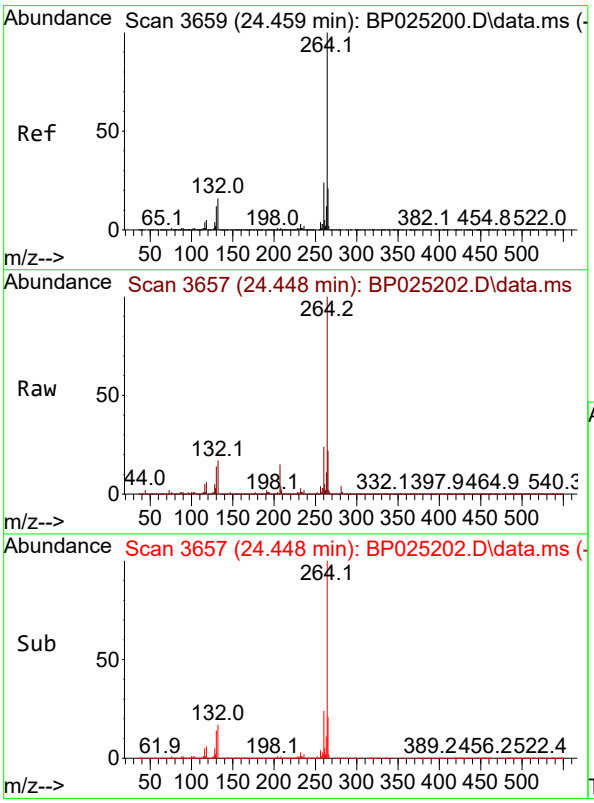
#85
Di-n-octyl phthalate
Concen: 57.015 ng
RT: 22.507 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp:15085392

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.9	6.1	9.1

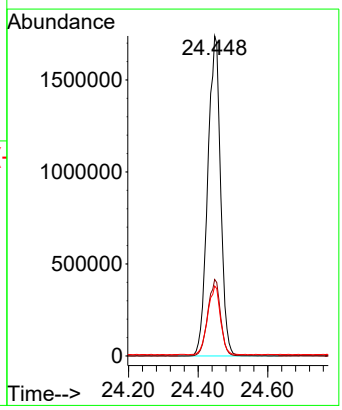


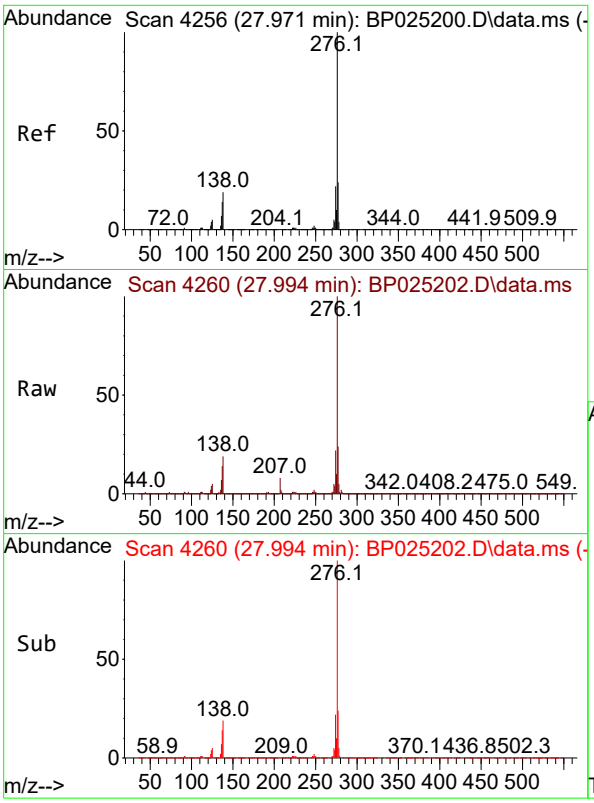


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.448 min Scan# 3657
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:264 Resp: 4449563

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.8	17.5	26.3



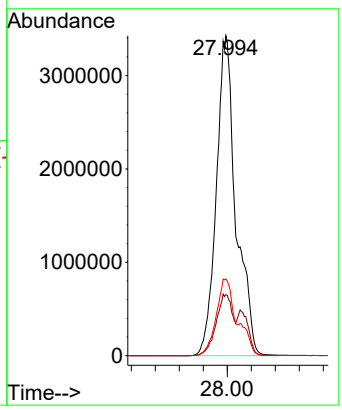


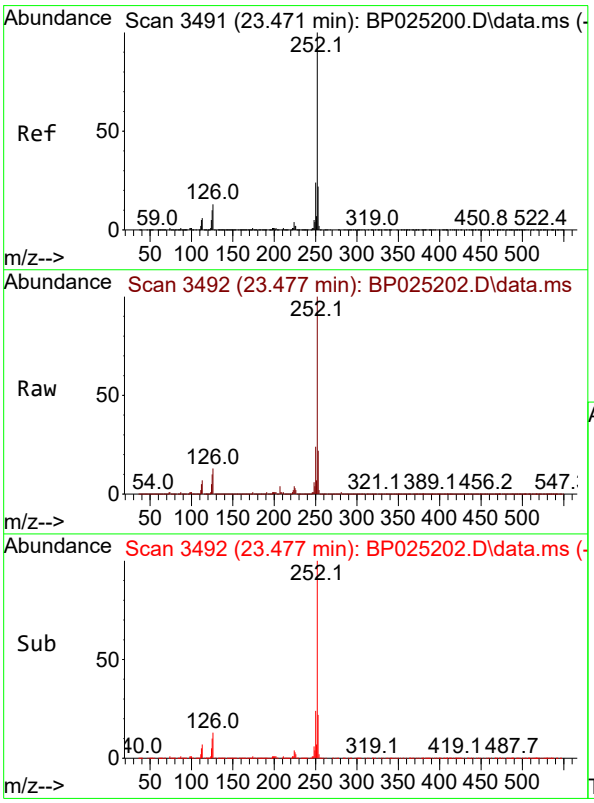
#87
Indeno(1,2,3-cd)pyrene
Concen: 59.597 ng
RT: 27.994 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp:19493176

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.8	19.2
277	25.5	20.3	30.5

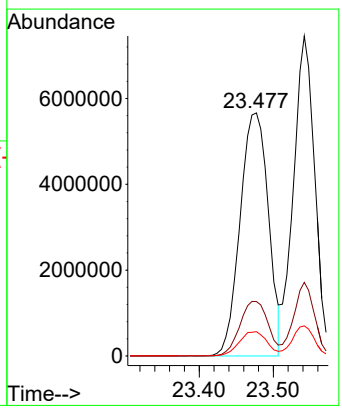


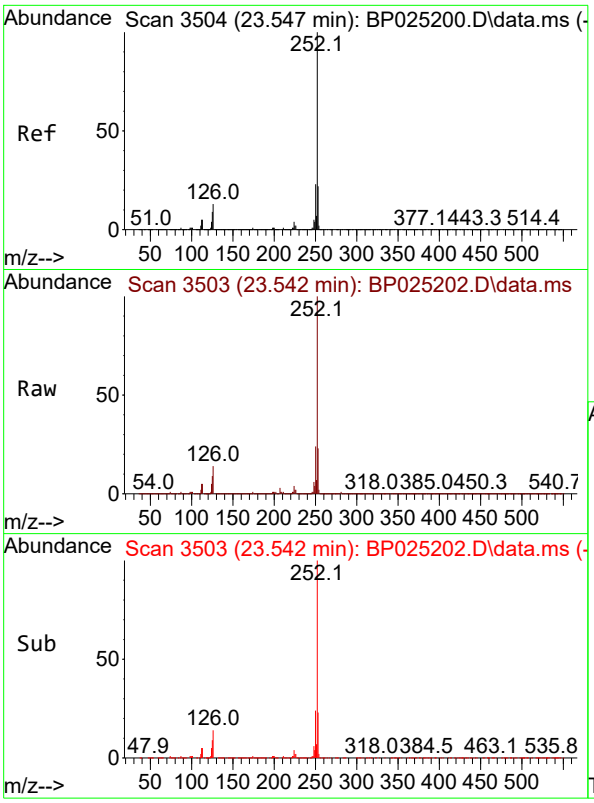


#88
Benzo(b)fluoranthene
Concen: 57.763 ng
RT: 23.477 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp:14989282

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.0	7.8	11.8



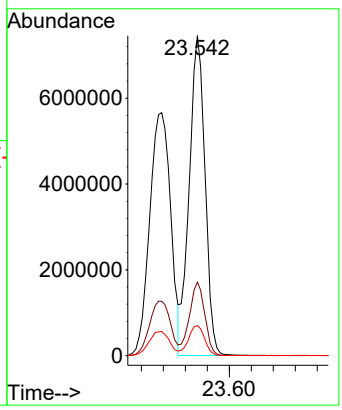


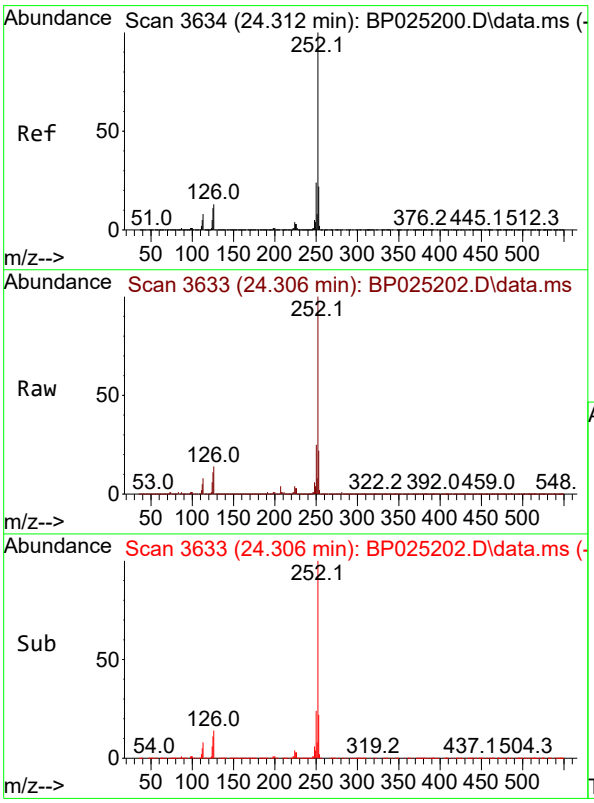
#89
Benzo(k)fluoranthene
Concen: 57.942 ng
RT: 23.542 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp:14928017

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	9.4	7.5	11.3

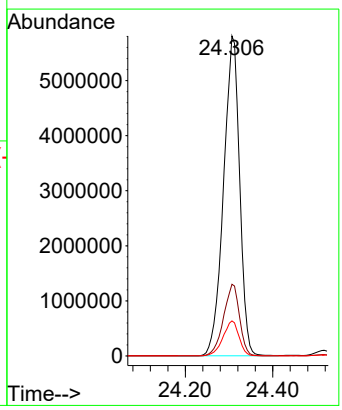


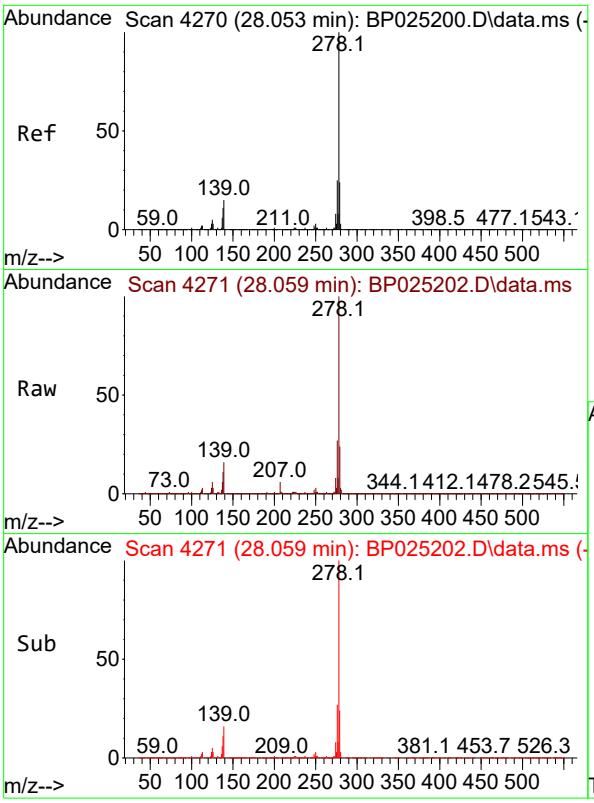


#90
Benzo(a)pyrene
Concen: 58.720 ng
RT: 24.306 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp:14791063

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.9	8.6	12.8



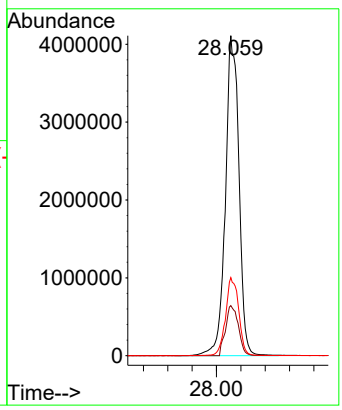


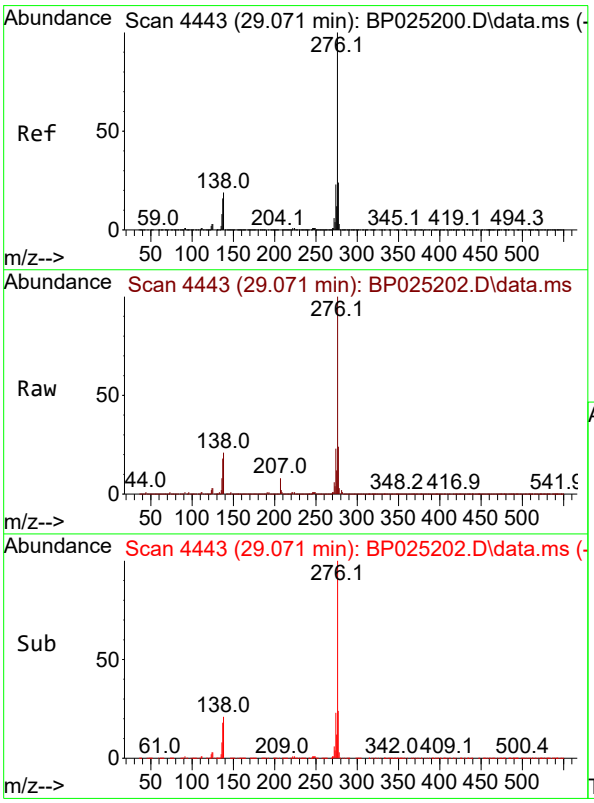
#91
Dibenzo(a,h)anthracene
Concen: 59.240 ng
RT: 28.059 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp:15890395

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	24.4	19.5	29.3

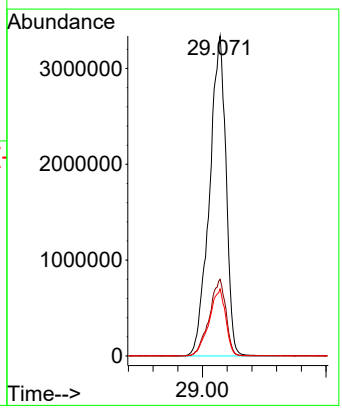




#92
Benzo(g,h,i)perylene
Concen: 59.072 ng
RT: 29.071 min Scan# 4443
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:276 Resp:15521510

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.0	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	733748	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	3008435	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1899722	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	3857742	20.000	ng		0.01
76) Chrysene-d12	21.336	240	3752201	20.000	ng		0.01
86) Perylene-d12	24.460	264	4584448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	6557069	149.291	ng		0.00
7) Phenol-d6	6.637	99	8210908	151.423	ng		0.00
23) Nitrobenzene-d5	8.572	82	7999353	145.785	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	4276015	151.370	ng		0.00
45) 2-Fluorobiphenyl	12.684	172	17101882	119.181	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.120	88	1224318	74.170	ng		100
3) Pyridine	3.490	79	3390800	77.556	ng		99
4) n-Nitrosodimethylamine	3.408	42	1359921	78.815	ng		98
6) Aniline	6.784	93	5470258	77.576	ng		100
8) 2-Chlorophenol	7.008	128	3817569	77.248	ng		99
9) Benzaldehyde	6.596	77	2187532	56.451	ng		99
10) Phenol	6.666	94	4302363	76.687	ng		100
11) bis(2-Chloroethyl)ether	6.878	93	3282232	76.196	ng		99
12) 1,3-Dichlorobenzene	7.325	146	4192818	74.781	ng		99
13) 1,4-Dichlorobenzene	7.466	146	4246480	75.053	ng		100
14) 1,2-Dichlorobenzene	7.778	146	4111863	75.632	ng		100
15) Benzyl Alcohol	7.672	79	3024971	77.828	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	4186533	75.769	ng		99
17) 2-Methylphenol	7.878	107	3006945	77.489	ng		99
18) Hexachloroethane	8.490	117	1488292	77.034	ng		99
19) n-Nitroso-di-n-propyla...	8.237	70	2435834	74.535	ng		99
20) 3+4-Methylphenols	8.207	107	4068704	76.765	ng		98
22) Acetophenone	8.243	105	5133884	72.049	ng	#	99
24) Nitrobenzene	8.607	77	3658209	75.229	ng		98
25) Isophorone	9.143	82	7223163	75.163	ng		99
26) 2-Nitrophenol	9.302	139	2240908	81.871	ng		99
27) 2,4-Dimethylphenol	9.378	122	3551153	76.211	ng		98
28) bis(2-Chloroethoxy)met...	9.613	93	4412252	73.133	ng		100
29) 2,4-Dichlorophenol	9.843	162	3685883	77.123	ng		99
30) 1,2,4-Trichlorobenzene	10.043	180	3927729	74.689	ng		100
31) Naphthalene	10.231	128	11319955	72.252	ng		99
32) Benzoic acid	9.590	122	3001596	88.203	ng		99
33) 4-Chloroaniline	10.337	127	5125849	75.351	ng		99
34) Hexachlorobutadiene	10.525	225	2369882	75.041	ng		99
35) Caprolactam	11.154	113	1240976m	78.901	ng		
36) 4-Chloro-3-methylphenol	11.484	107	3678461	77.068	ng		100
37) 2-Methylnaphthalene	11.848	142	7455840	73.577	ng		99
38) 1-Methylnaphthalene	12.078	142	7690366	71.955	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	4340312	75.446	ng		100
41) Hexachlorocyclopentadiene	12.213	237	2895907	88.768	ng		99
43) 2,4,6-Trichlorophenol	12.478	196	3076273	79.138	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	3347418	78.125	ng		99
46) 1,1'-Biphenyl	12.895	154	10154378	72.288	ng		99
47) 2-Chloronaphthalene	12.925	162	8143502	74.828	ng		100
48) 2-Nitroaniline	13.143	65	2203215	80.707	ng		98
49) Acenaphthylene	13.801	152	12310461	68.982	ng		94
50) Dimethylphthalate	13.554	163	9992464	72.091	ng		100
51) 2,6-Dinitrotoluene	13.666	165	2352035	80.161	ng		98
52) Acenaphthene	14.148	154	7352873	71.522	ng		99
53) 3-Nitroaniline	13.990	138	2663404	80.451	ng		97
54) 2,4-Dinitrophenol	14.213	184	1560749	94.925	ng		96
55) Dibenzofuran	14.495	168	11781763	70.782	ng		97
56) 4-Nitrophenol	14.325	139	2263623	80.237	ng		98
57) 2,4-Dinitrotoluene	14.478	165	3321462	81.257	ng		99
58) Fluorene	15.160	166	9278378	69.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	2961338	78.074	ng		99
60) Diethylphthalate	14.960	149	9739656	71.116	ng		98
61) 4-Chlorophenyl-phenyle...	15.172	204	4730340	70.690	ng		100
62) 4-Nitroaniline	15.195	138	2685203	79.596	ng		97
63) Azobenzene	15.466	77	8319717	75.626	ng		99
65) 4,6-Dinitro-2-methylph...	15.260	198	2092932	86.660	ng		98
66) n-Nitrosodiphenylamine	15.384	169	8318929	69.242	ng		99
67) 4-Bromophenyl-phenylether	16.078	248	3392847	74.593	ng		99
68) Hexachlorobenzene	16.189	284	3958634	72.885	ng		95
69) Atrazine	16.389	200	3266485	74.592	ng		99
70) Pentachlorophenol	16.560	266	2852574	78.904	ng		99
71) Phenanthrene	16.954	178	14380185	66.900	ng		93
72) Anthracene	17.036	178	13655221	62.578	ng		94
73) Carbazole	17.331	167	13502968	65.036	ng	#	92
74) Di-n-butylphthalate	17.942	149	14237898	58.482	ng		97
75) Fluoranthene	19.048	202	17185754	67.620	ng		94
77) Benzidine	19.254	184	7975723	55.646	ng		100
78) Pyrene	19.425	202	16361302	68.613	ng	#	91
80) Butylbenzylphthalate	20.413	149	8056925	76.566	ng		97
81) Benzo(a)anthracene	21.313	228	16742085	68.598	ng		96
82) 3,3'-Dichlorobenzidine	21.260	252	7248237	72.426	ng		100
83) Chrysene	21.383	228	15614346m	68.604	ng		
84) Bis(2-ethylhexyl)phtha...	21.301	149	10793960	70.360	ng		96
85) Di-n-octyl phthalate	22.513	149	18225919	68.160	ng		98
87) Indeno(1,2,3-cd)pyrene	28.024	276	25989461m	77.120	ng		
88) Benzo(b)fluoranthene	23.501	252	19418416	72.630	ng		99
89) Benzo(k)fluoranthene	23.560	252	18389745	69.278	ng		95
90) Benzo(a)pyrene	24.336	252	19250934	74.177	ng		99
91) Dibenzo(a,h)anthracene	28.101	278	20686577	74.852	ng		100
92) Benzo(g,h,i)perylene	29.112	276	20810607	76.871	ng		99

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

ICAL Form

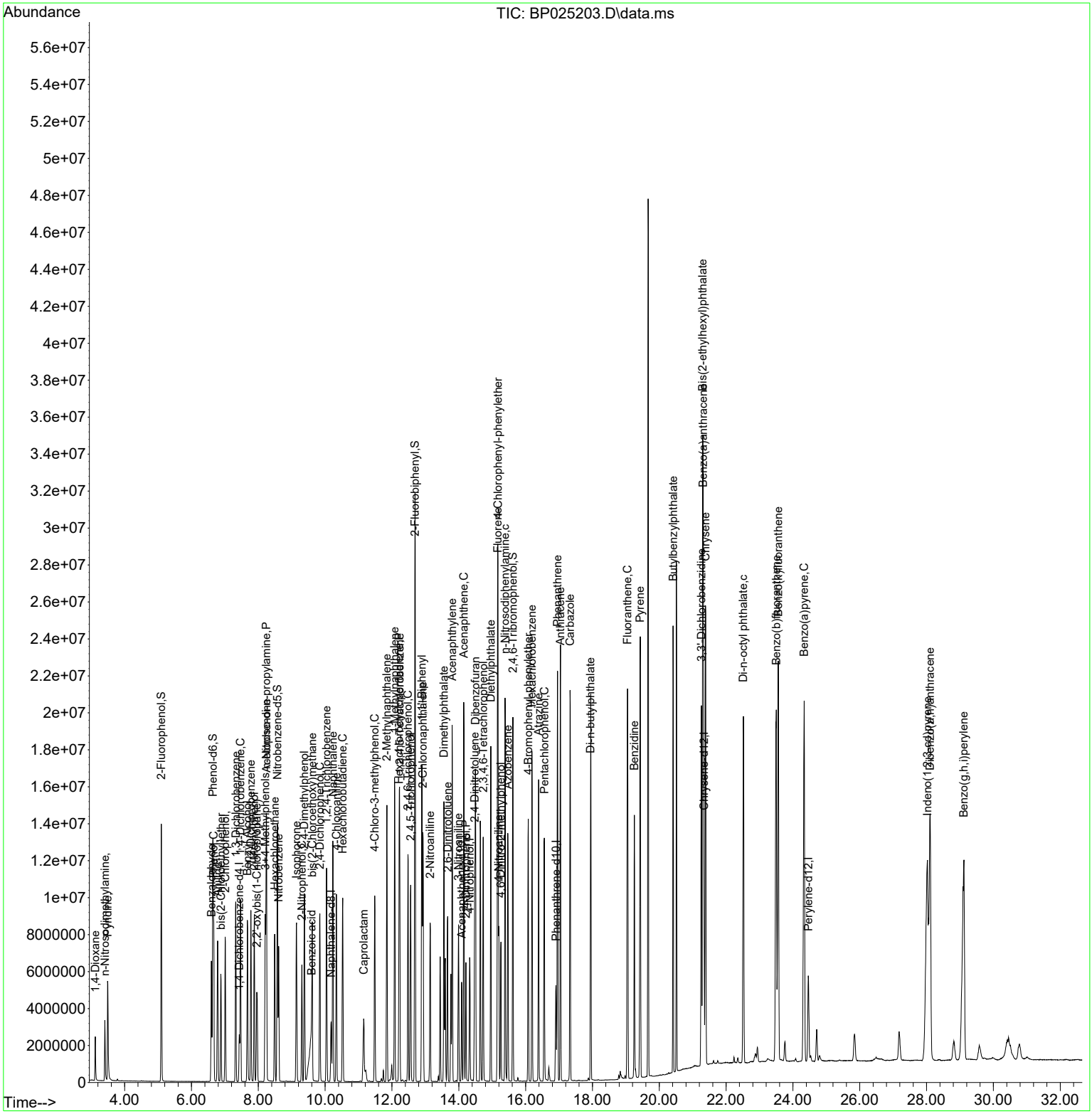
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Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

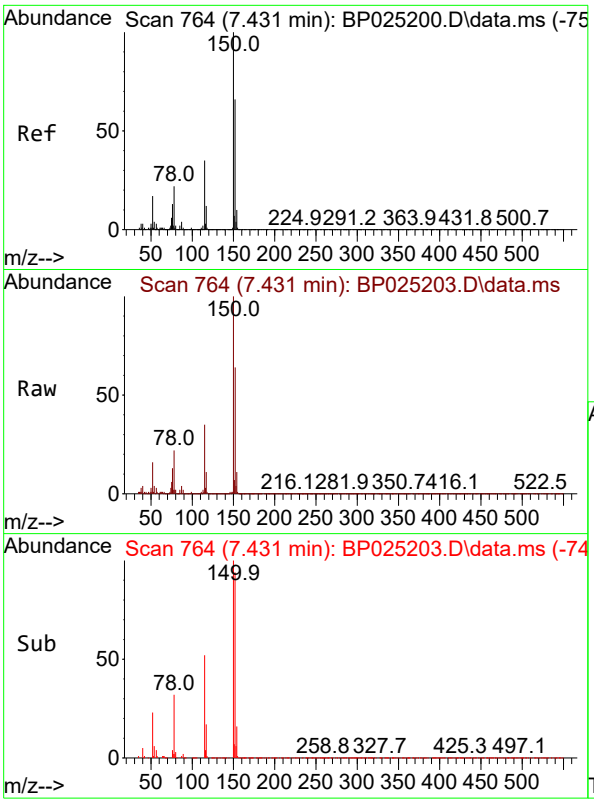
Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

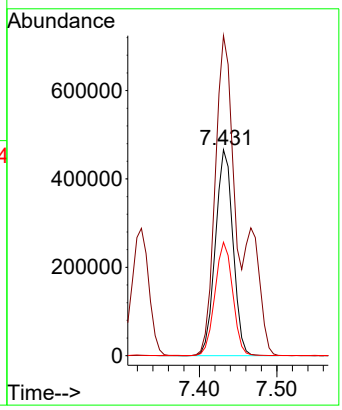




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:152 Resp: 73374

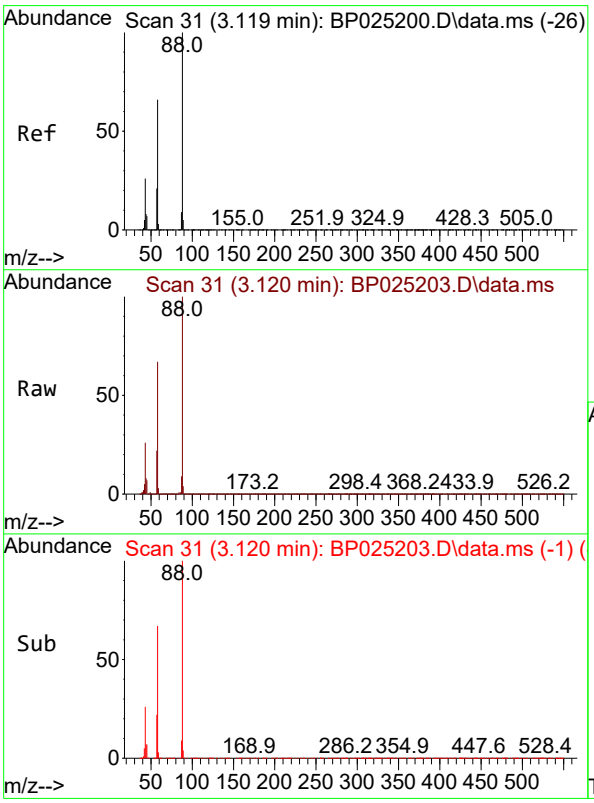
Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.9	182.9
115	55.1	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

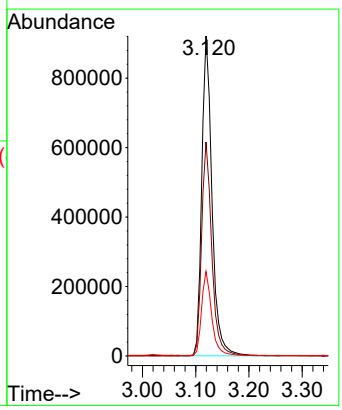
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

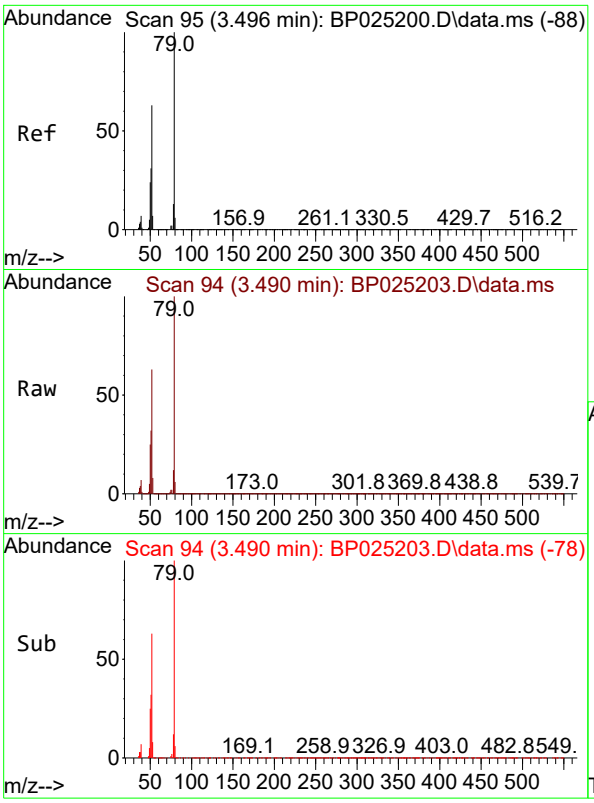


#2
1,4-Dioxane
Concen: 74.170 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 88 Resp: 1224318

Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.5	80.3
43	25.9	20.8	31.2

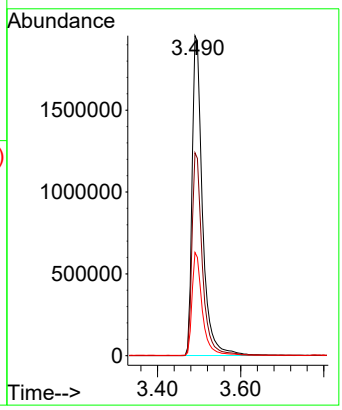




#3
Pyridine
Concen: 77.556 ng
RT: 3.490 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 79 Resp: 339080

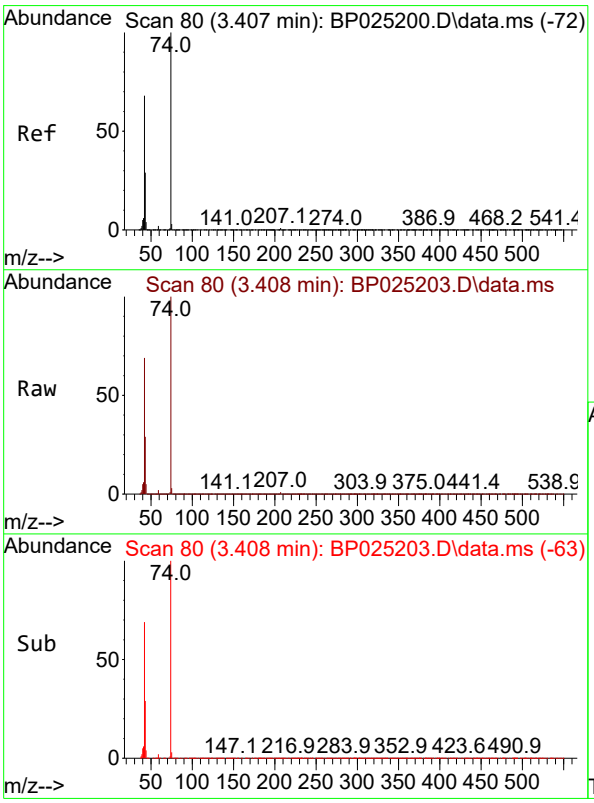
Ion	Ratio	Lower	Upper
79	100		
52	63.4	50.2	75.4
51	32.2	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

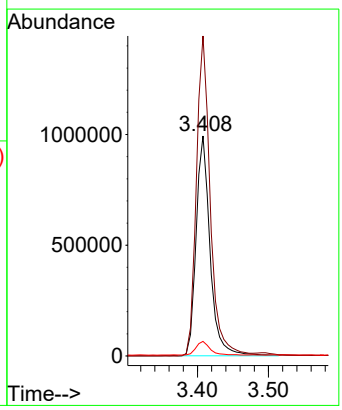
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

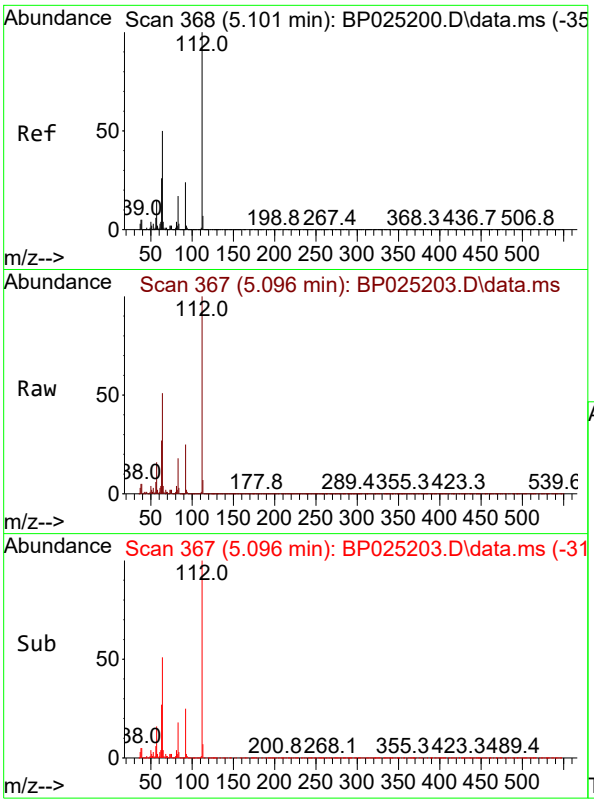


#4
n-Nitrosodimethylamine
Concen: 78.815 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 42 Resp: 1359921

Ion	Ratio	Lower	Upper
42	100		
74	145.5	118.0	177.0
44	6.6	5.5	8.3

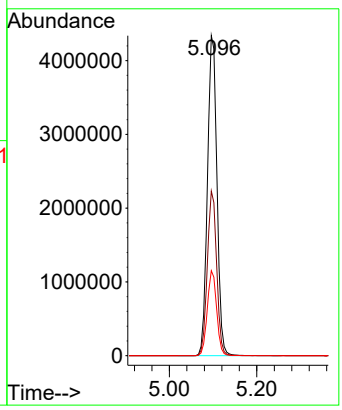




#5
2-Fluorophenol
Concen: 149.291 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:112 Resp: 655706

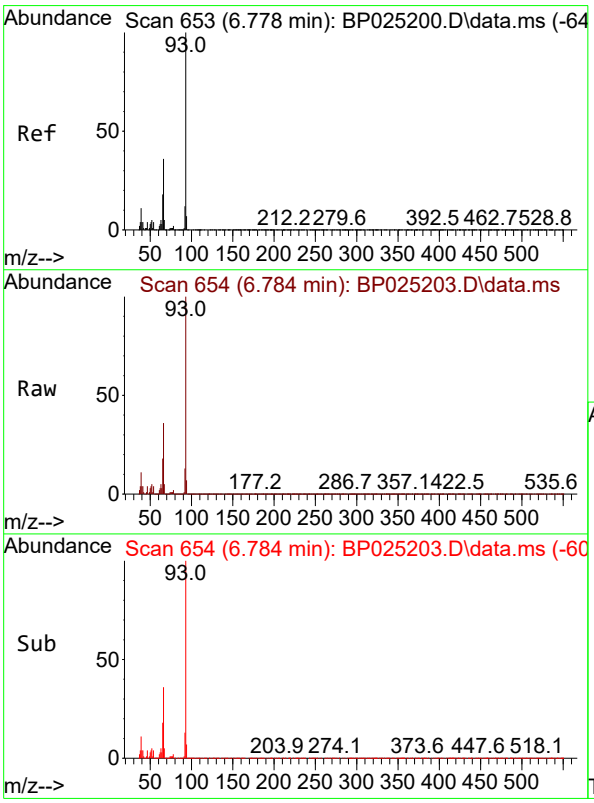
Ion	Ratio	Lower	Upper
112	100		
64	51.4	39.8	59.6
63	26.5	20.5	30.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

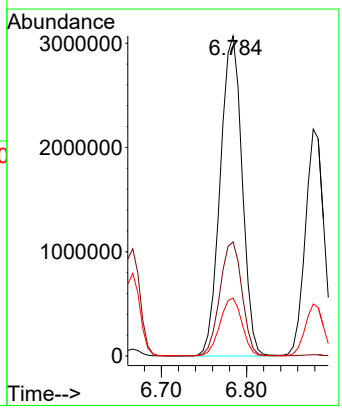
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

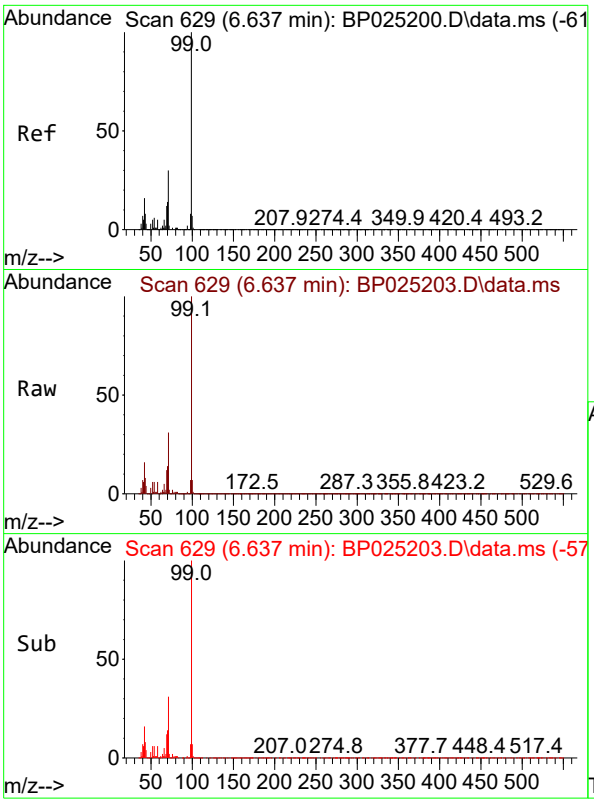


#6
Aniline
Concen: 77.576 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 5470258

Ion	Ratio	Lower	Upper
93	100		
66	35.6	28.6	43.0
65	18.1	14.6	21.8

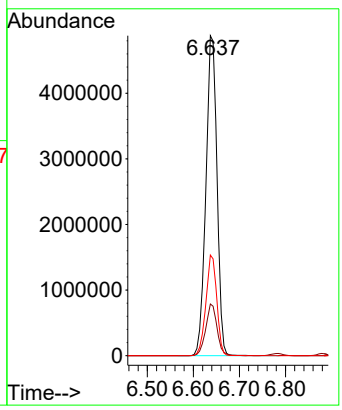




#7
Phenol-d6
Concen: 151.423 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 99 Resp: 821090

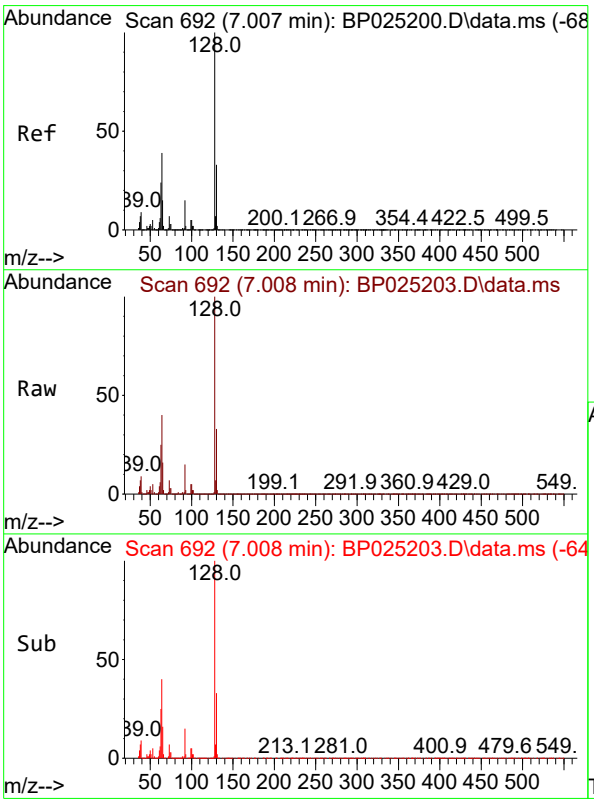
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	31.5	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

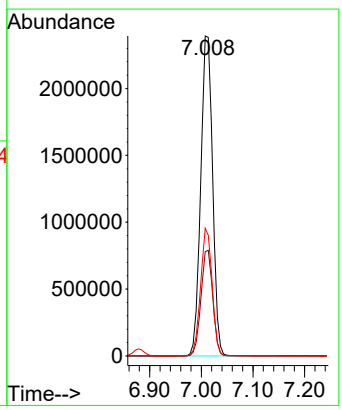
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

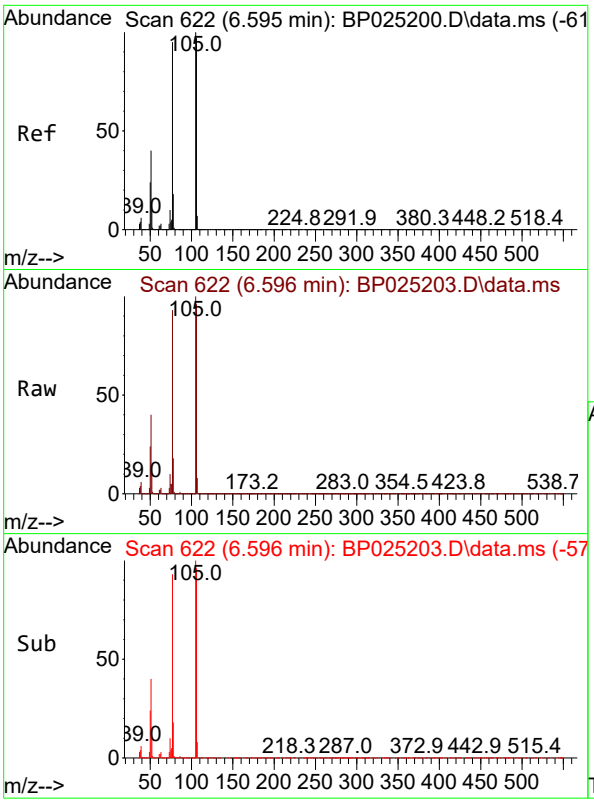


#8
2-Chlorophenol
Concen: 77.248 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp: 3817569

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	39.9	19.2	59.2

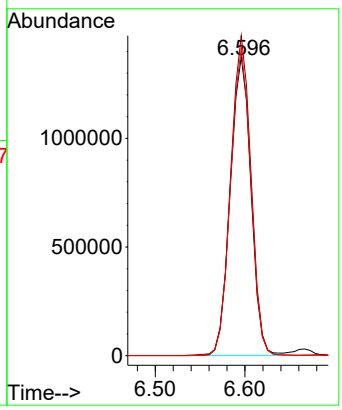




#9
Benzaldehyde
Concen: 56.451 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 218753

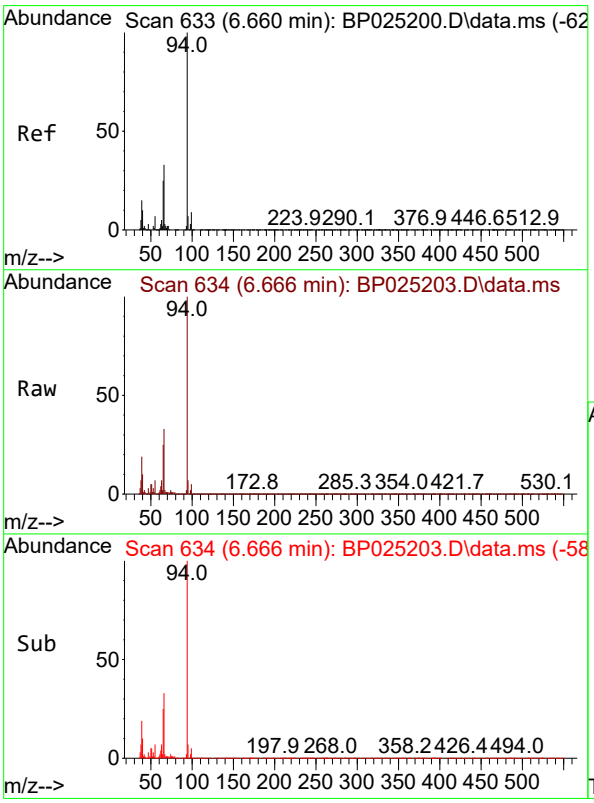
Ion	Ratio	Lower	Upper
77	100		
105	107.1	85.5	125.5
106	103.1	81.9	121.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

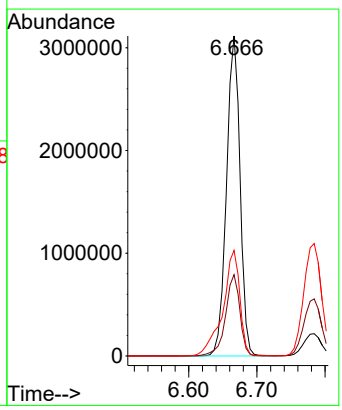
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

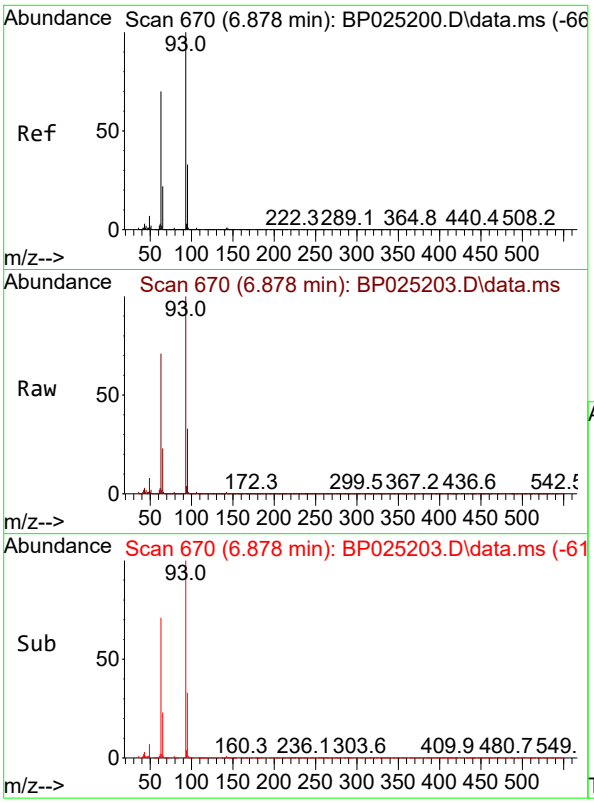


#10
Phenol
Concen: 76.687 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 94 Resp: 4302363

Ion	Ratio	Lower	Upper
94	100		
65	25.4	5.4	45.4
66	33.0	13.5	53.5

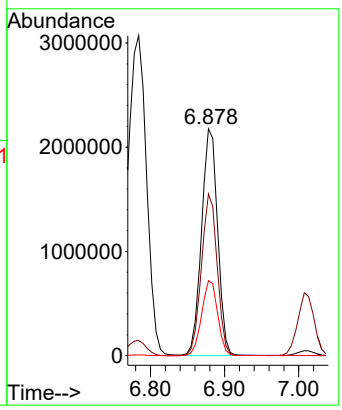




#11
bis(2-Chloroethyl)ether
Concen: 76.196 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 328223

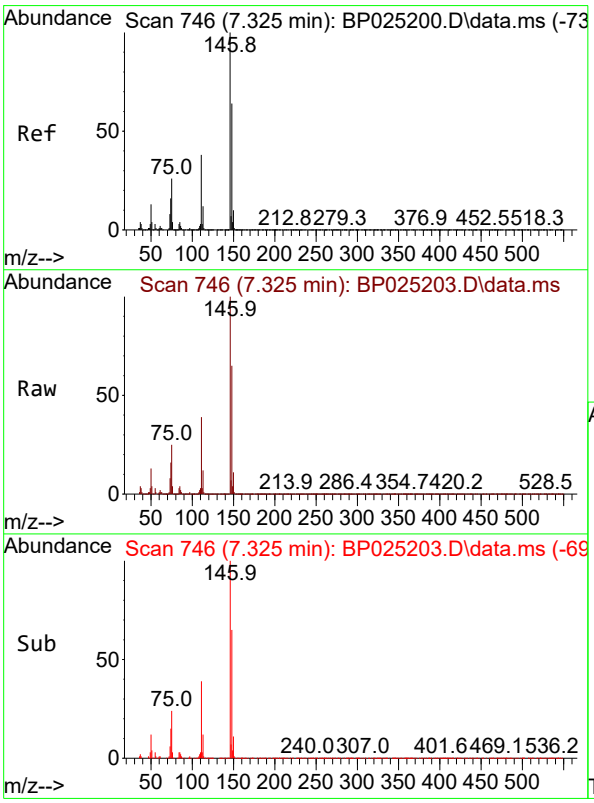
Ion	Ratio	Lower	Upper
93	100		
63	71.3	50.0	90.0
95	33.1	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

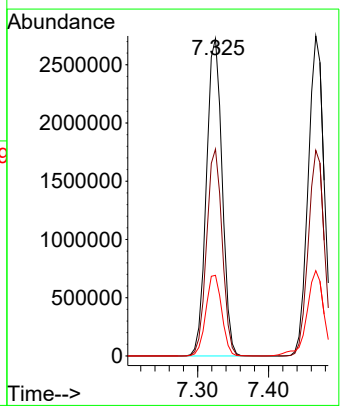
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

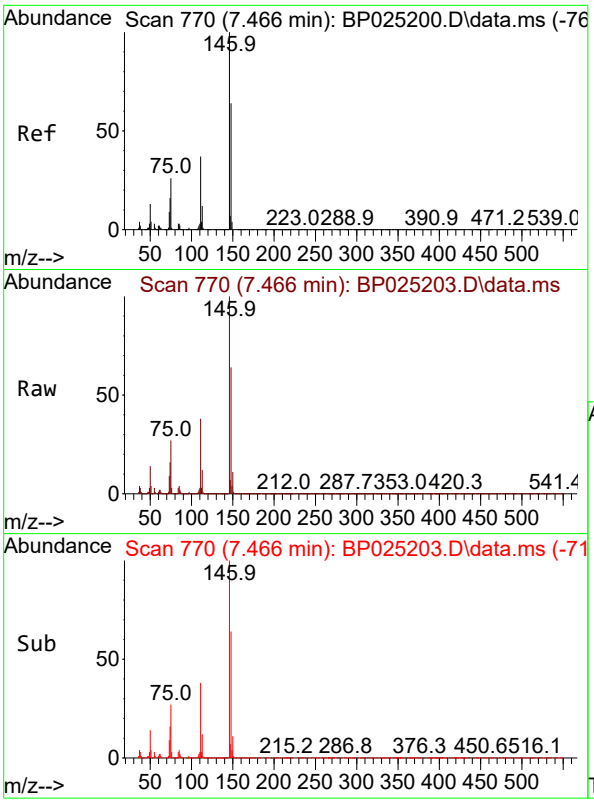


#12
1,3-Dichlorobenzene
Concen: 74.781 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4192818

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
75	25.4	20.6	31.0

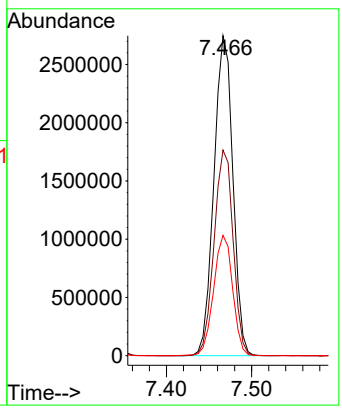




#13
1,4-Dichlorobenzene
Concen: 75.053 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 424648

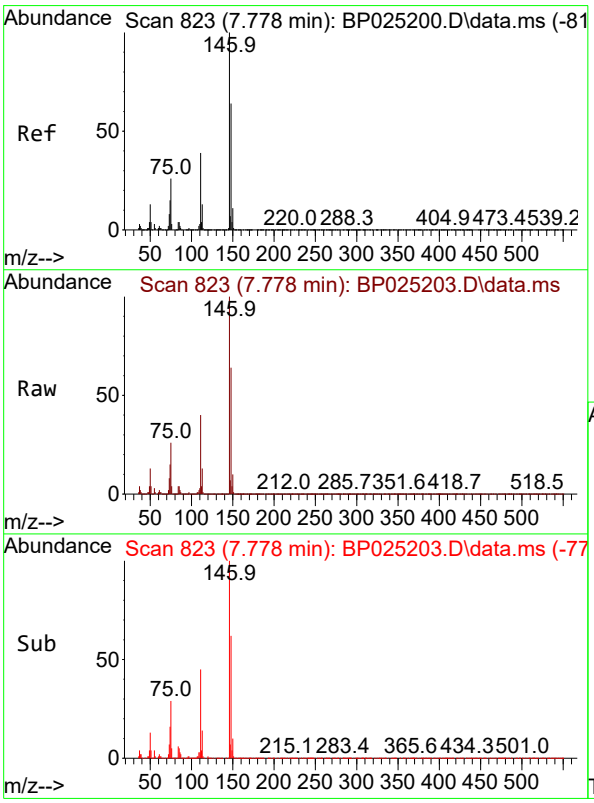
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	37.6	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

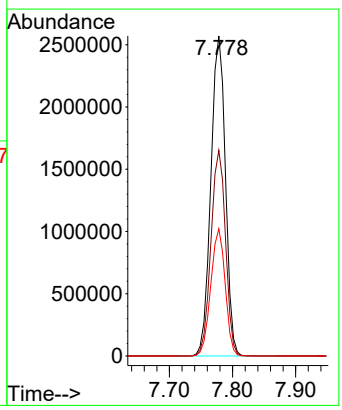
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

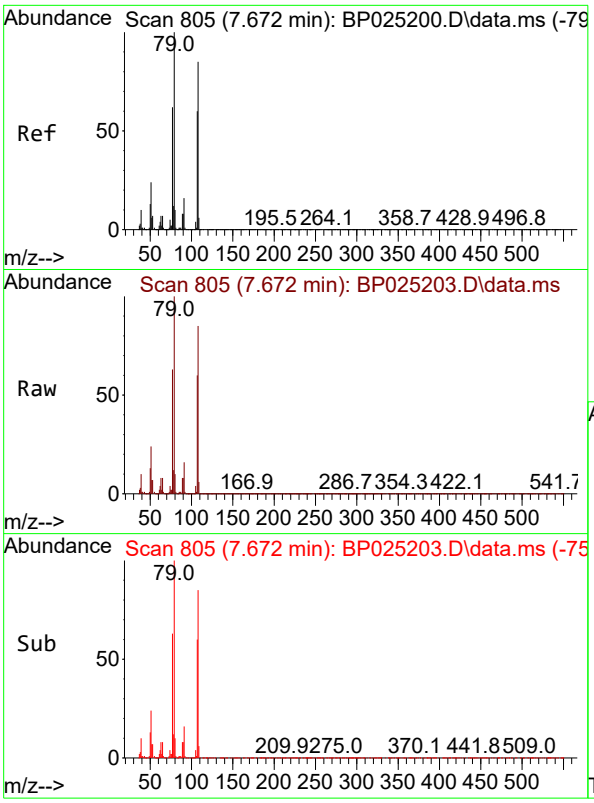


#14
1,2-Dichlorobenzene
Concen: 75.632 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4111863

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.5	77.3
111	39.7	31.3	46.9





#15
Benzyl Alcohol
Concen: 77.828 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

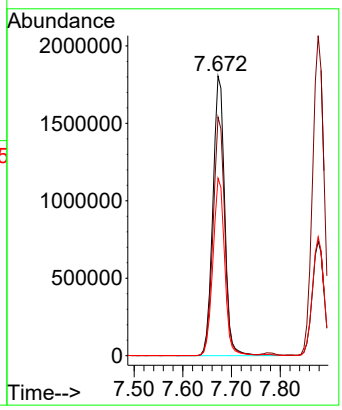
Tgt Ion: 79 Resp: 302497

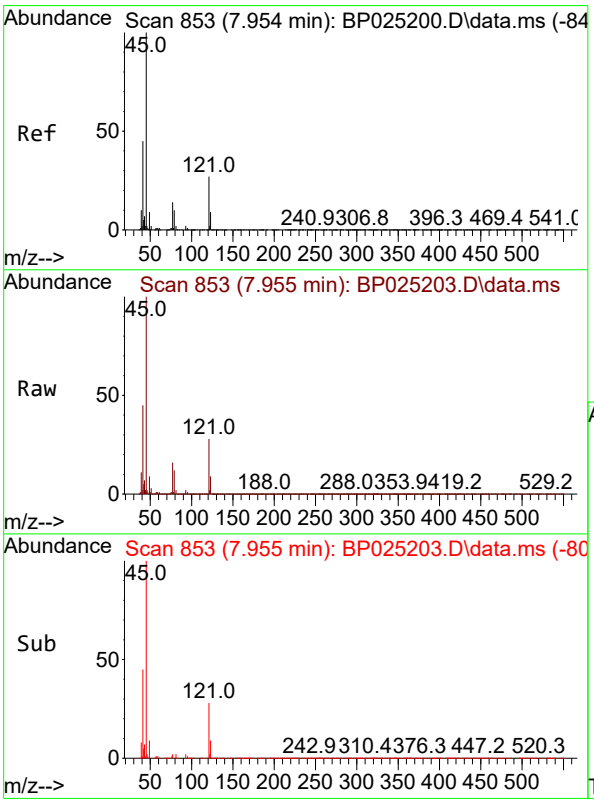
Ion	Ratio	Lower	Upper
79	100		
108	85.4	67.8	101.6
77	63.5	49.9	74.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

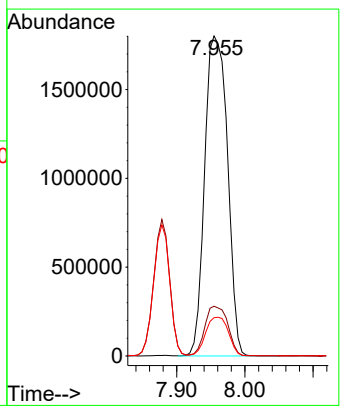


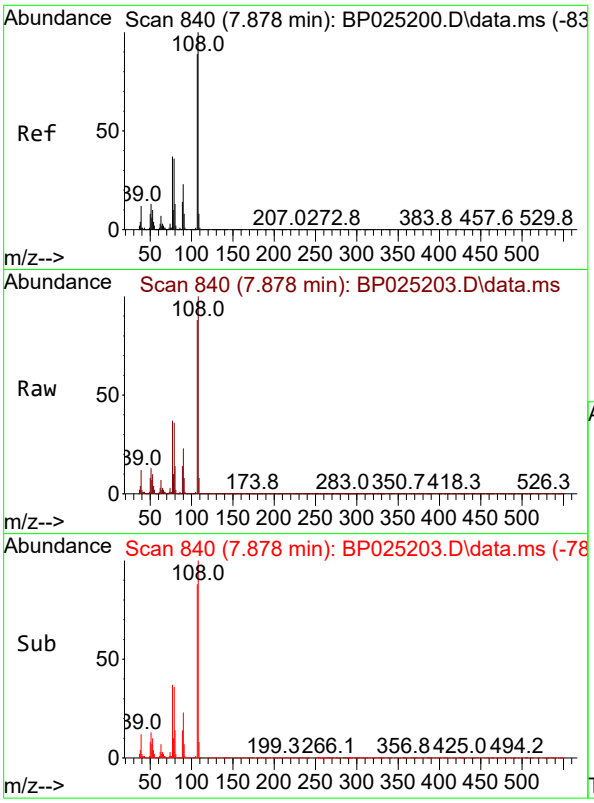


#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.769 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 45 Resp: 4186533

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	36.0
79	11.9	0.0	31.7

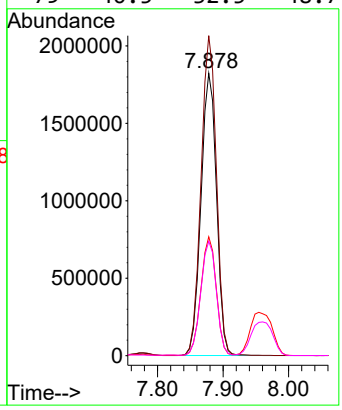




#17
2-Methylphenol
Concen: 77.489 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 300694

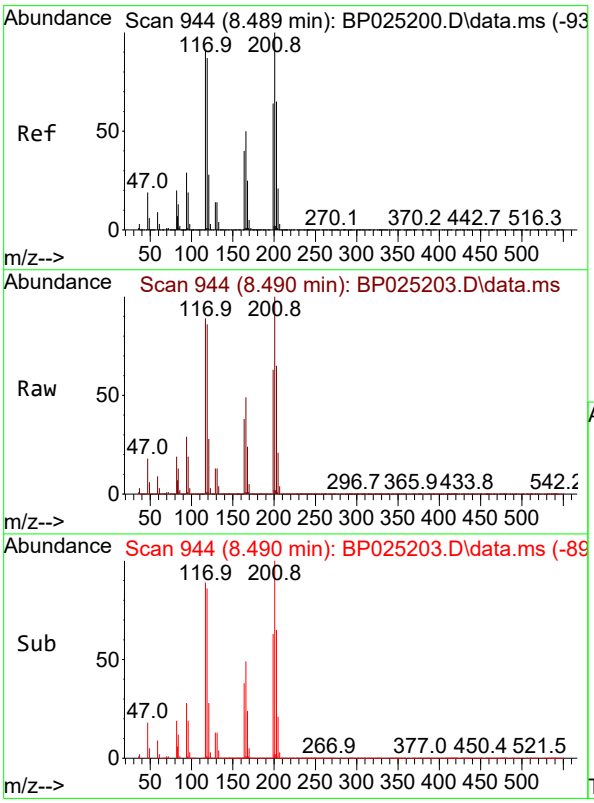
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.8
77	42.1	33.2	49.8
79	40.5	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

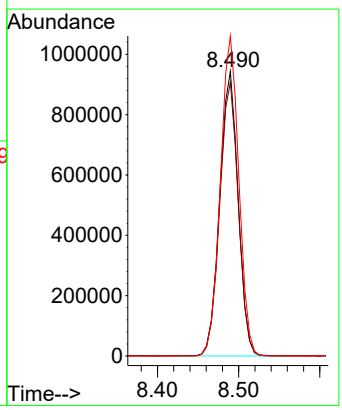
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

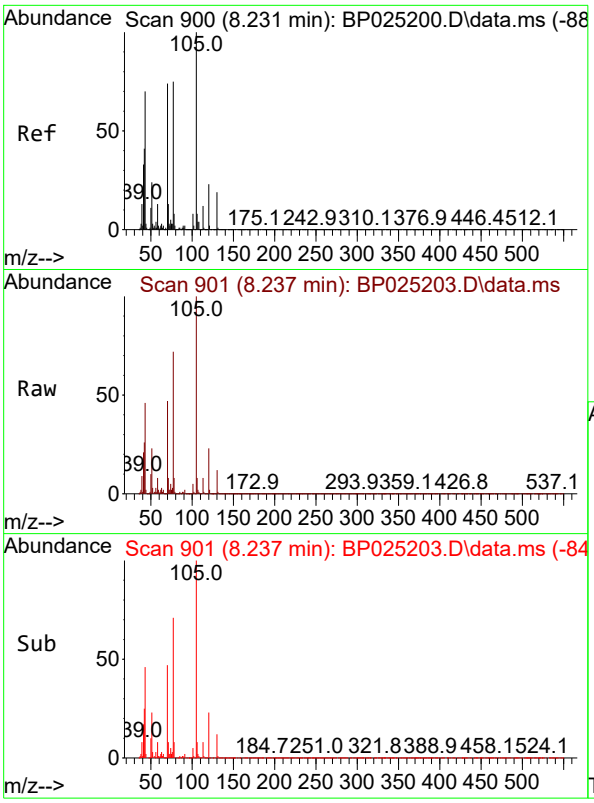


#18
Hexachloroethane
Concen: 77.034 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:117 Resp: 1488292

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
201	112.5	88.3	132.5

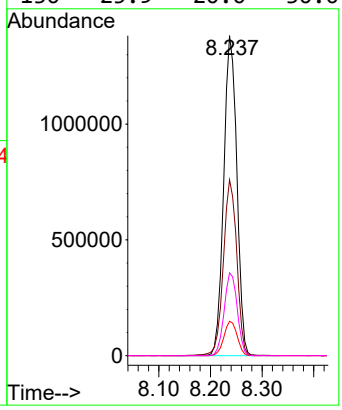




#19
n-Nitroso-di-n-propylamine
Concen: 74.535 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 70 Resp: 243583

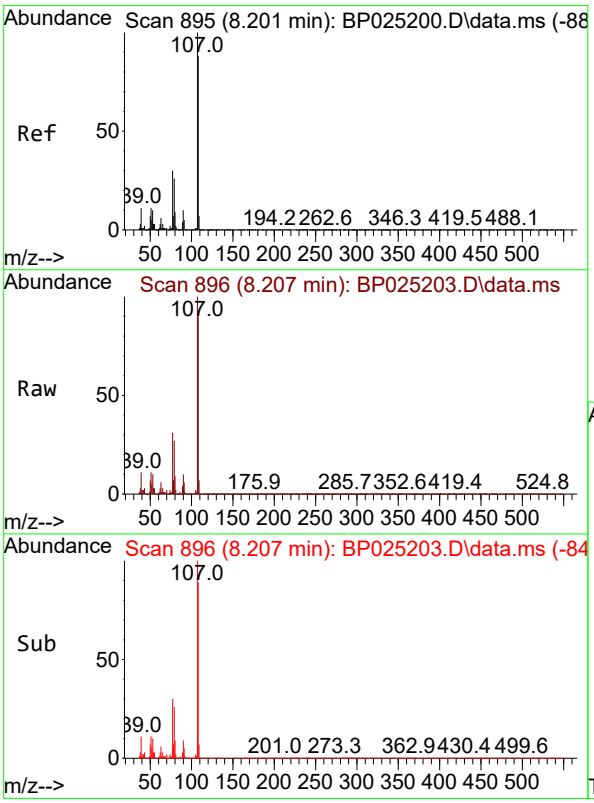
Ion	Ratio	Lower	Upper
70	100		
42	55.0	44.2	66.2
101	10.7	8.6	12.8
130	25.9	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

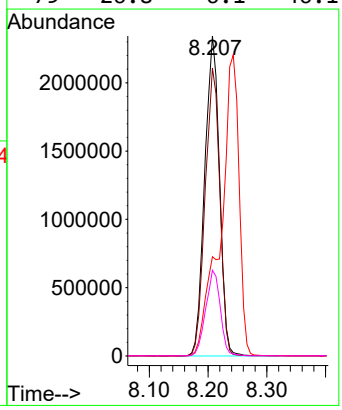
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

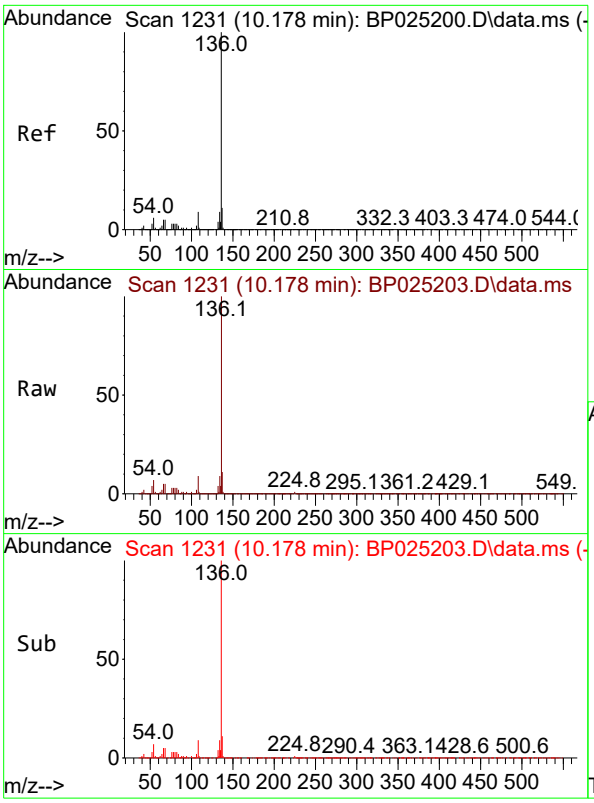


#20
3+4-Methylphenols
Concen: 76.765 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 4068704

Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.8	107.8
77	31.0	10.3	50.3
79	26.8	6.1	46.1

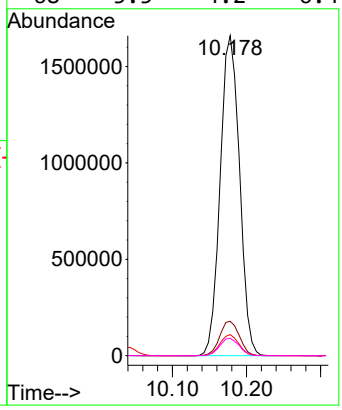




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:136 Resp: 300843

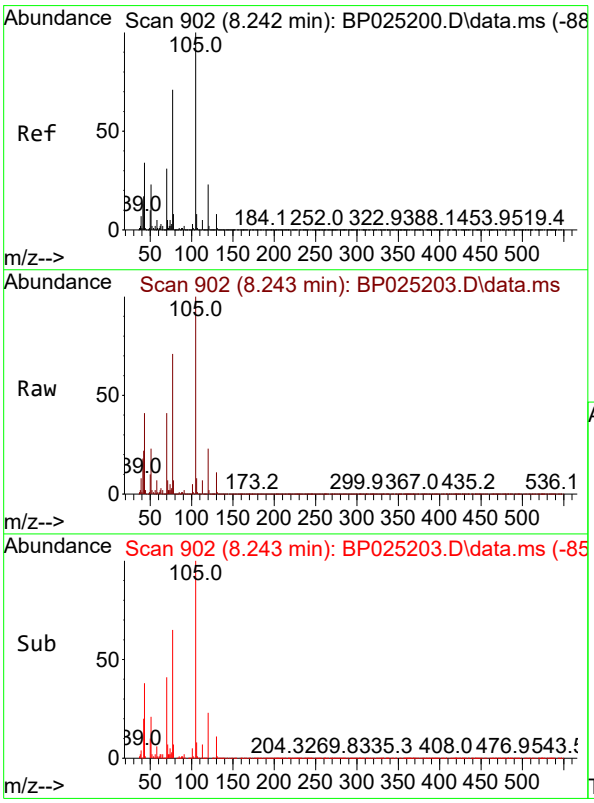
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.1	7.7
68	5.5	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

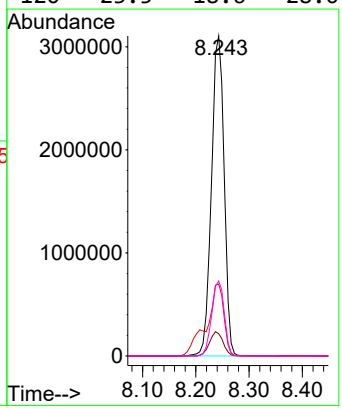
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

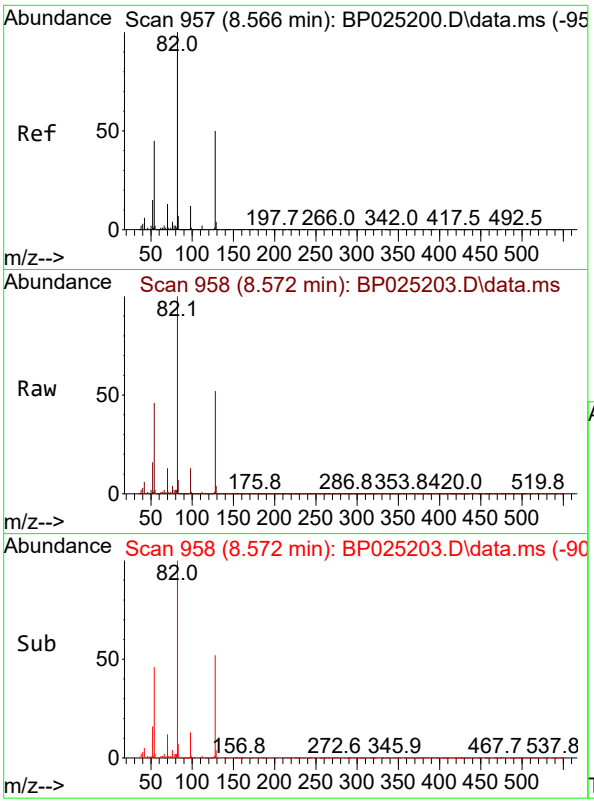


#22
Acetophenone
Concen: 72.049 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:105 Resp: 5133884

Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.1	6.1#
51	22.5	18.5	27.7
120	23.5	18.6	28.0

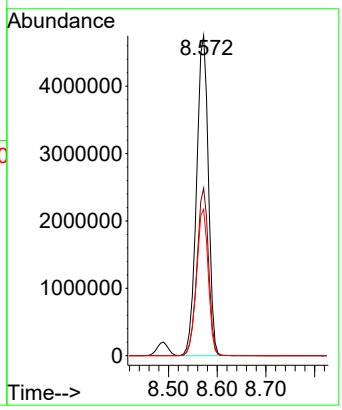




#23
Nitrobenzene-d5
Concen: 145.785 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 82 Resp: 799935

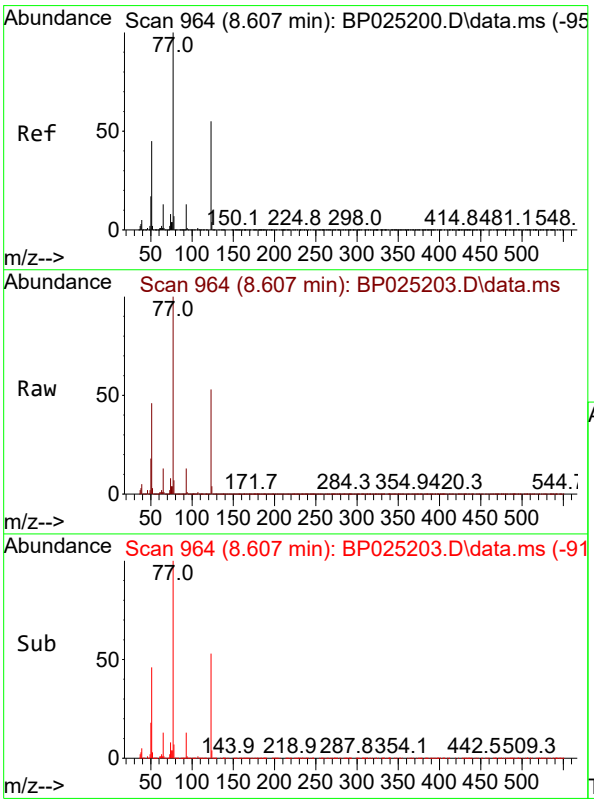
Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.2	60.4
54	45.7	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

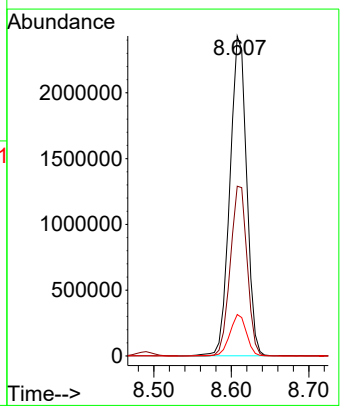
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

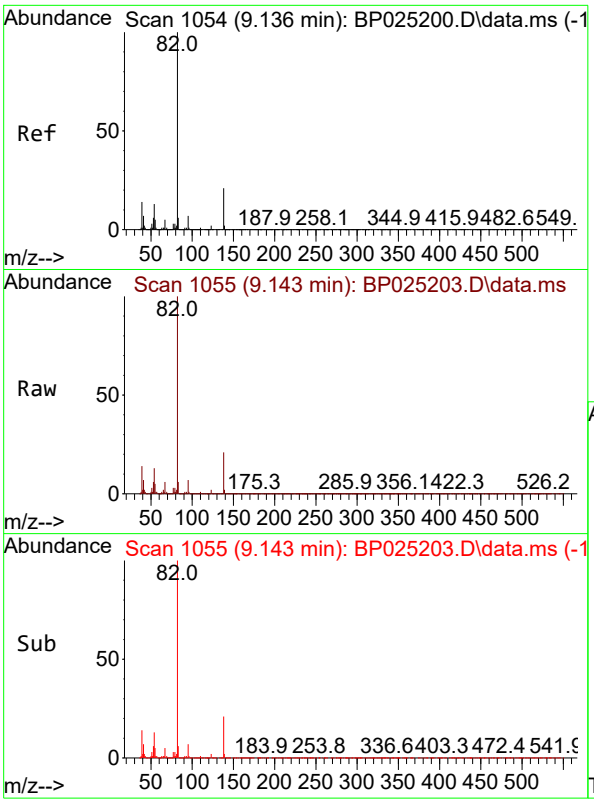


#24
Nitrobenzene
Concen: 75.229 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 3658209

Ion	Ratio	Lower	Upper
77	100		
123	53.0	43.6	65.4
65	13.0	10.2	15.2

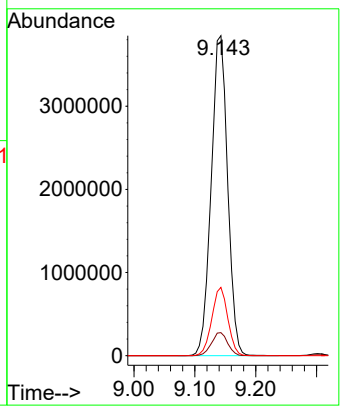




#25
Isophorone
Concen: 75.163 ng
RT: 9.143 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 82 Resp: 722316

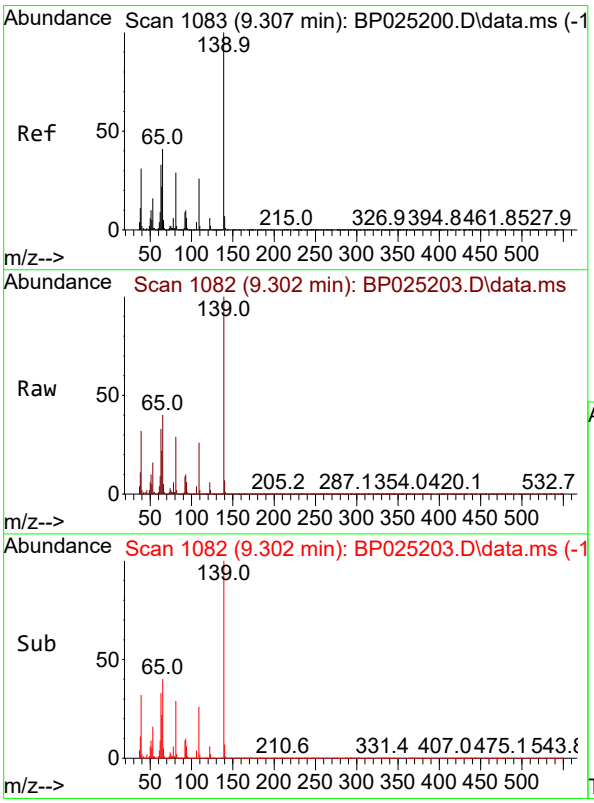
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	21.3	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

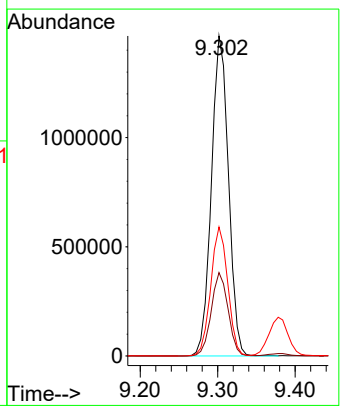
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

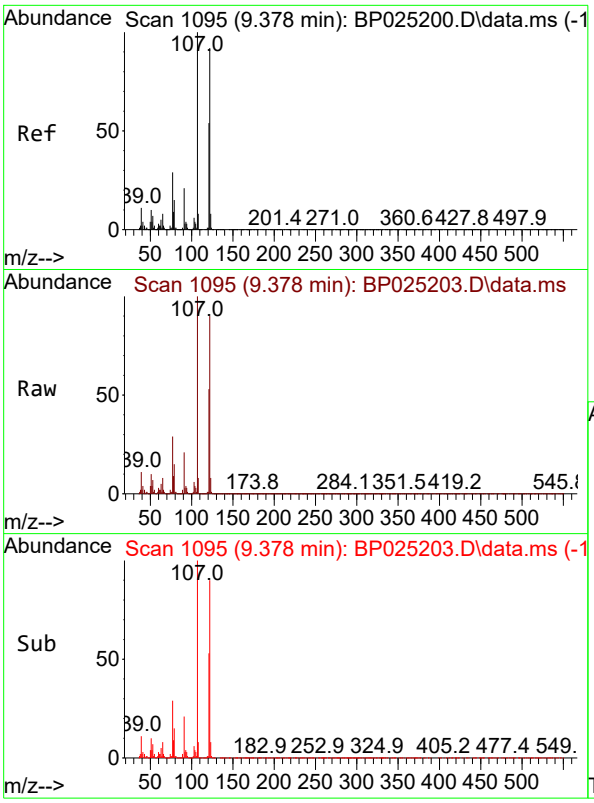


#26
2-Nitrophenol
Concen: 81.871 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2240908

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.0	31.6
65	40.3	32.7	49.1

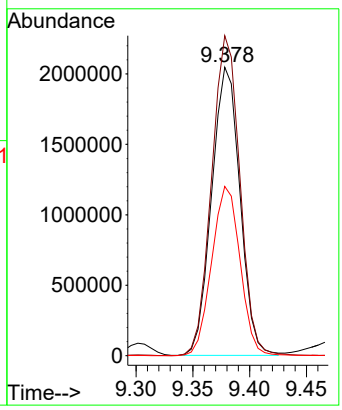




#27
2,4-Dimethylphenol
Concen: 76.211 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:122 Resp: 355115

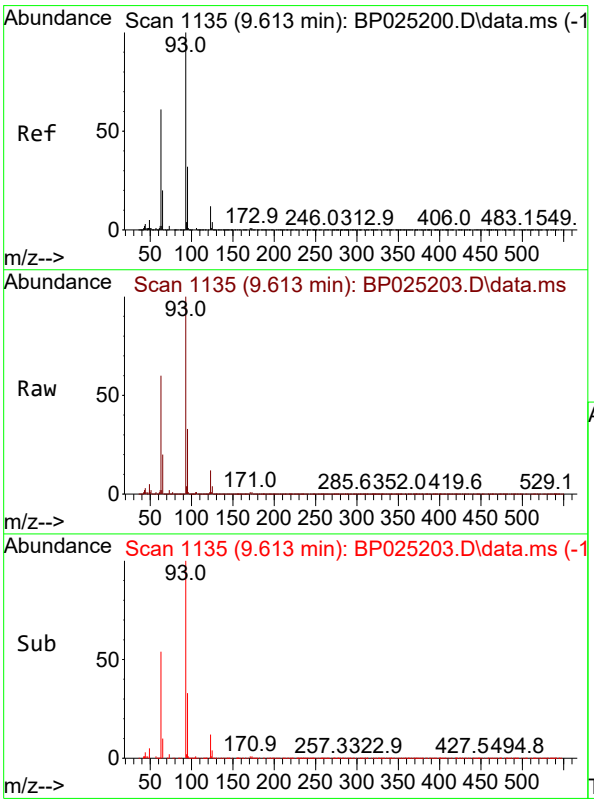
Ion	Ratio	Lower	Upper
122	100		
107	111.0	87.0	130.4
121	58.7	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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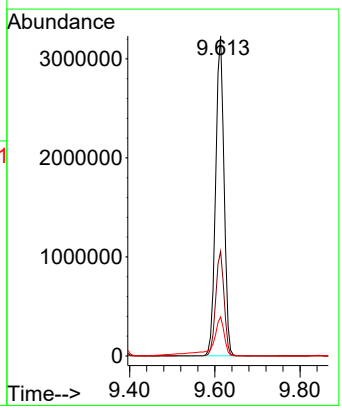
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

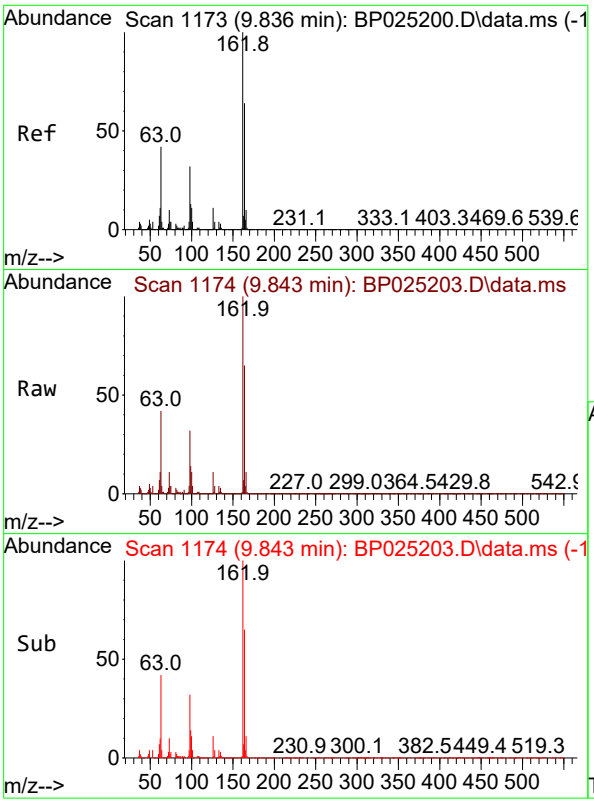


#28
bis(2-Chloroethoxy)methane
Concen: 73.133 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 4412252

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.2	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 77.123 ng
RT: 9.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

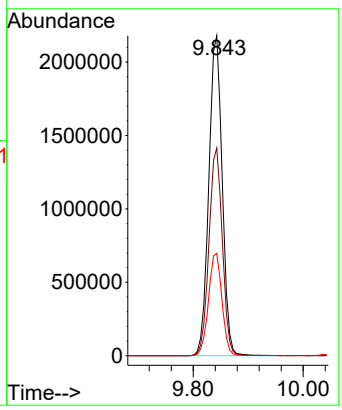
Tgt Ion:162 Resp: 368588

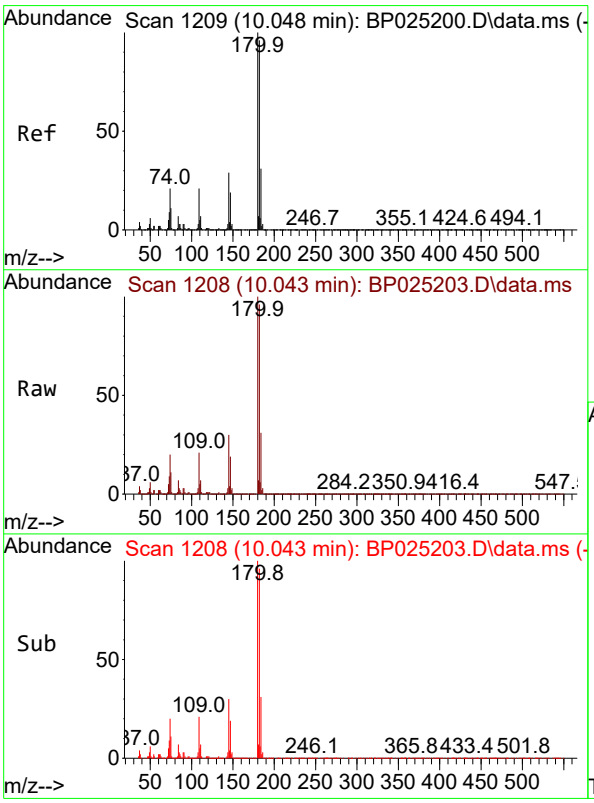
Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	32.0	11.7	51.7

Instrument :
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

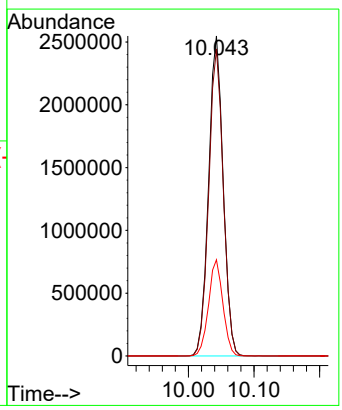


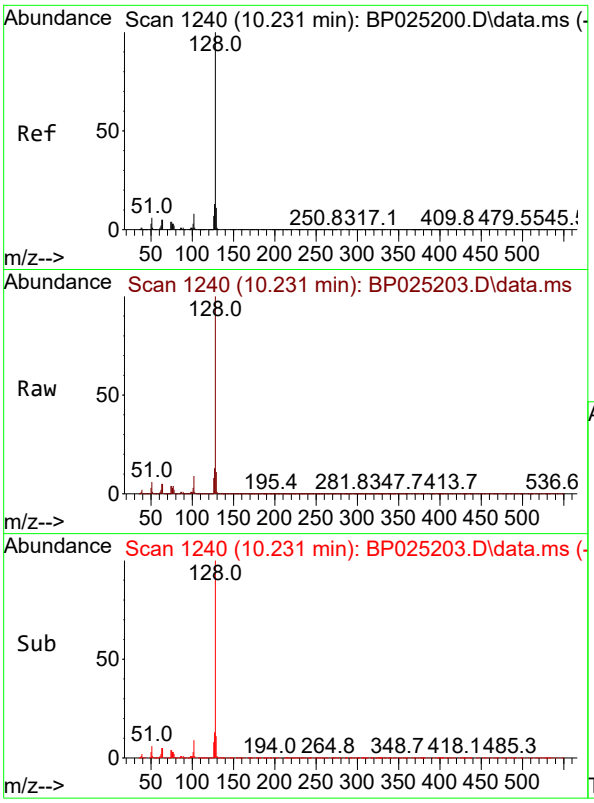


#30
1,2,4-Trichlorobenzene
Concen: 74.689 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:180 Resp: 3927729

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	30.0	23.5	35.3

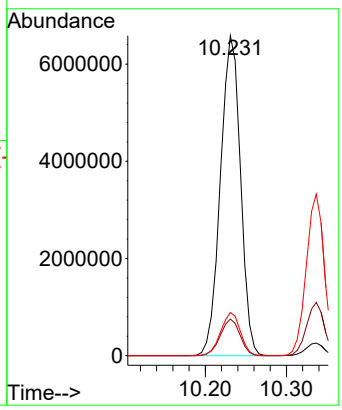




#31
Naphthalene
Concen: 72.252 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp:1131995

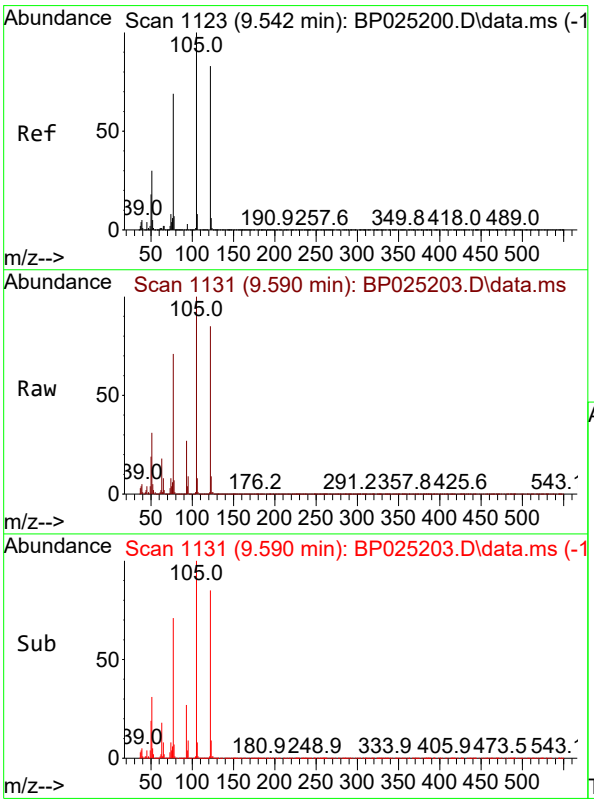
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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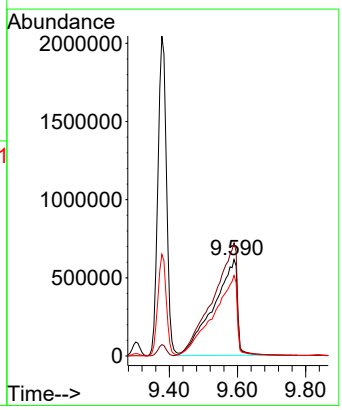
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

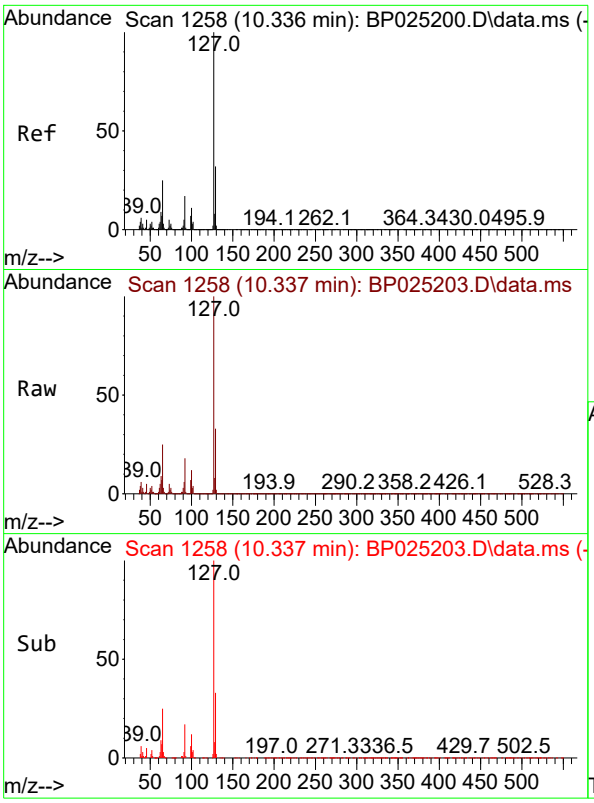


#32
Benzoic acid
Concen: 88.203 ng
RT: 9.590 min Scan# 1131
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:122 Resp: 3001596

Ion	Ratio	Lower	Upper
122	100		
105	117.3	98.1	138.1
77	83.5	62.7	102.7

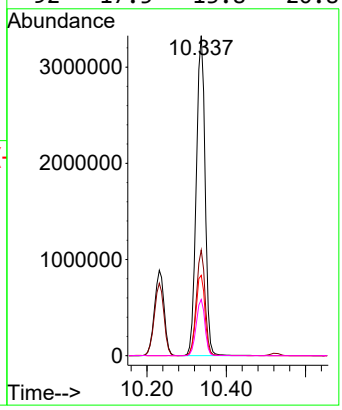




#33
4-Chloroaniline
Concen: 75.351 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:127 Resp: 512584

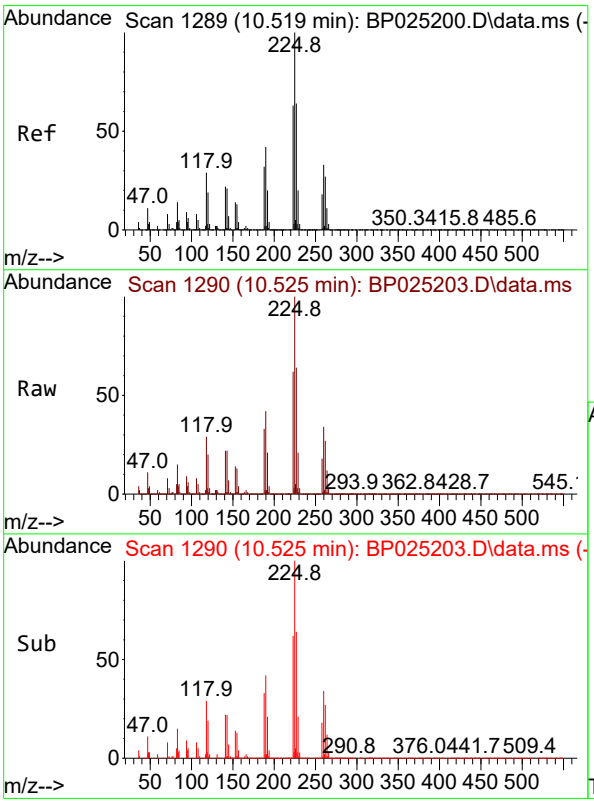
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	25.1	20.2	30.4
92	17.5	13.8	20.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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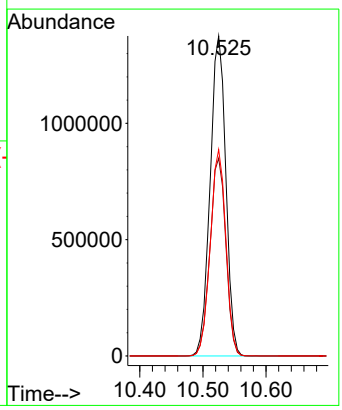
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

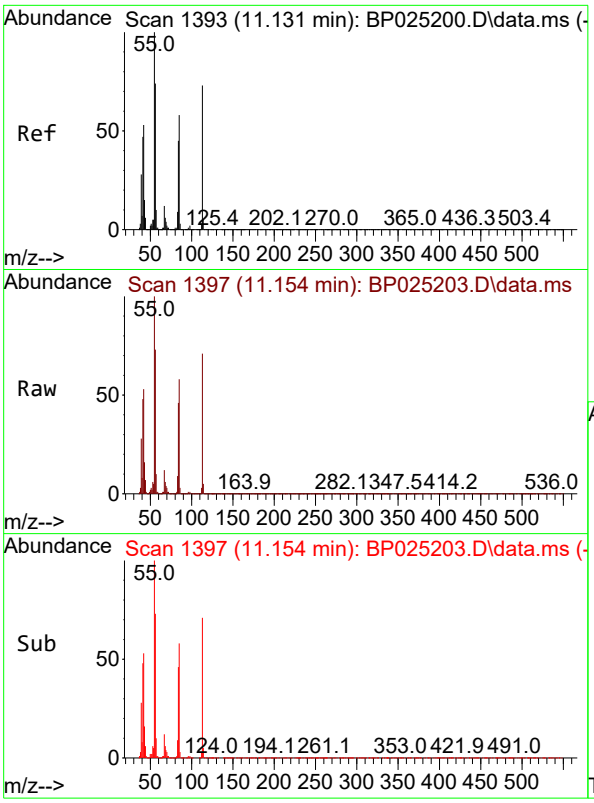


#34
Hexachlorobutadiene
Concen: 75.041 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:225 Resp: 2369882

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	64.5	51.4	77.0

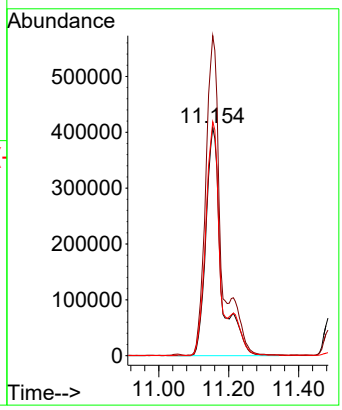




#35
Caprolactam
Concen: 78.901 ng m
RT: 11.154 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:113 Resp: 124097

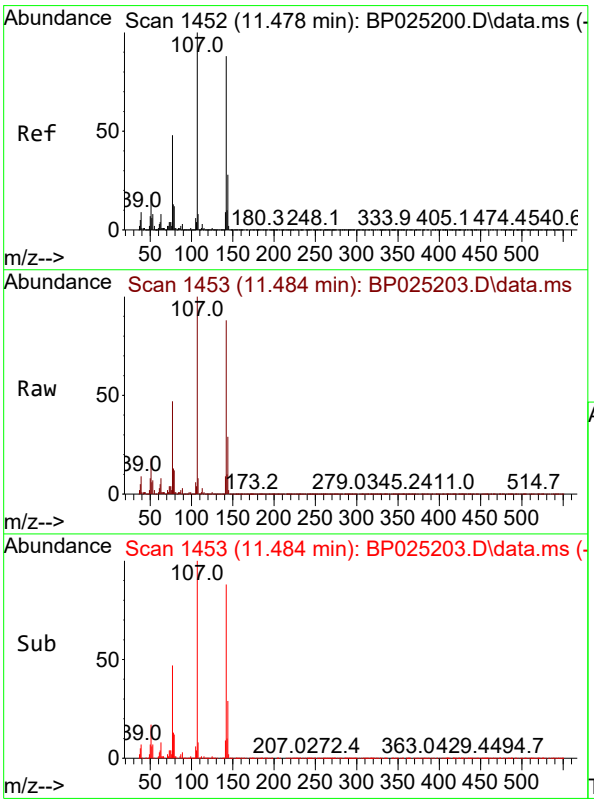
Ion	Ratio	Lower	Upper
113	100		
55	140.3	117.6	157.6
56	102.6	82.4	122.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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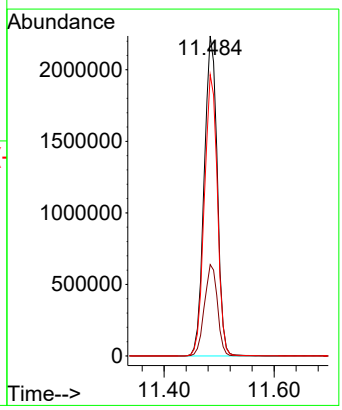
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

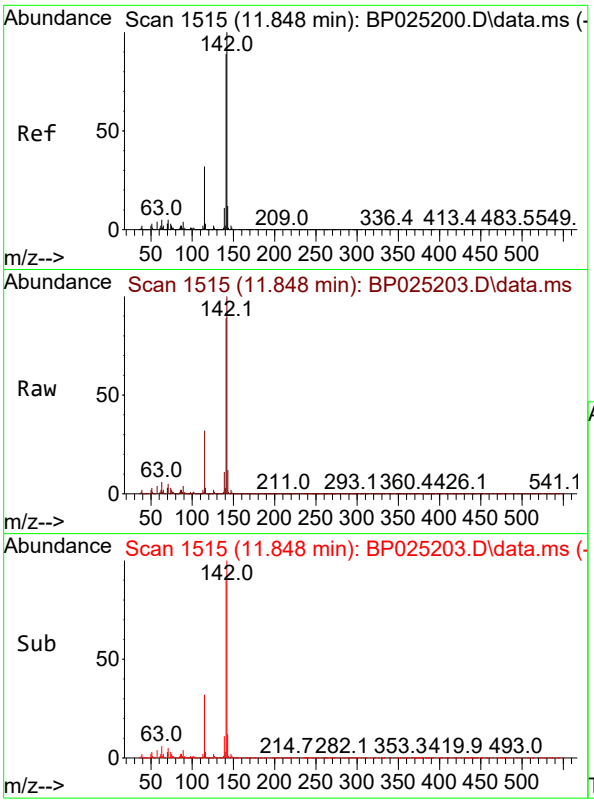


#36
4-Chloro-3-methylphenol
Concen: 77.068 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 3678461

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	87.9	70.6	105.8

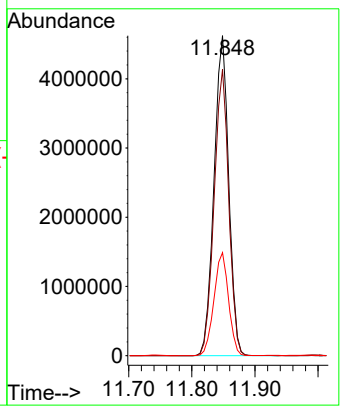




#37
2-Methylnaphthalene
Concen: 73.577 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:142 Resp: 745584

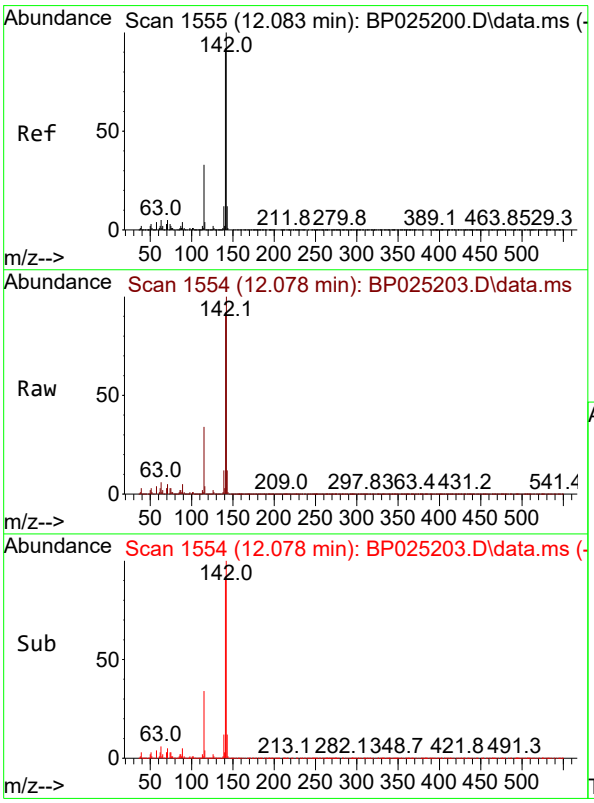
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.2	106.8
115	32.2	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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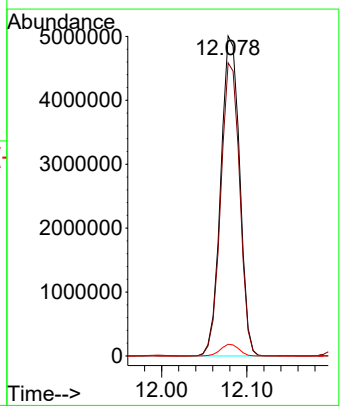
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

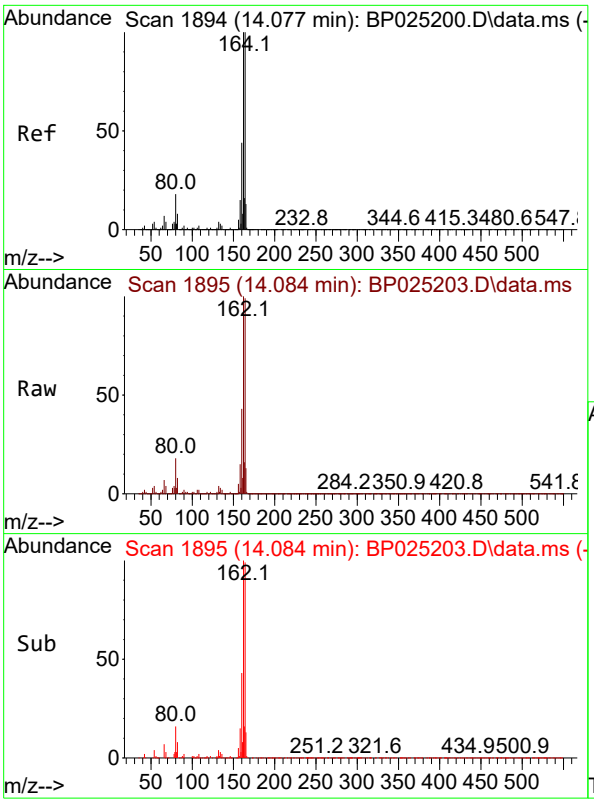


#38
1-Methylnaphthalene
Concen: 71.955 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:142 Resp: 7690366

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.6	2.8	4.2

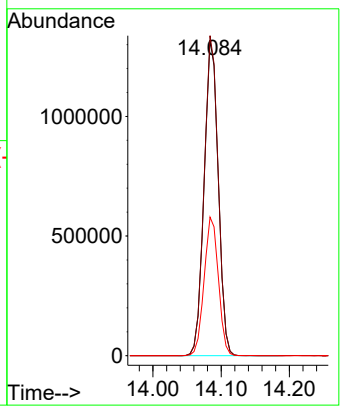




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:164 Resp: 189972

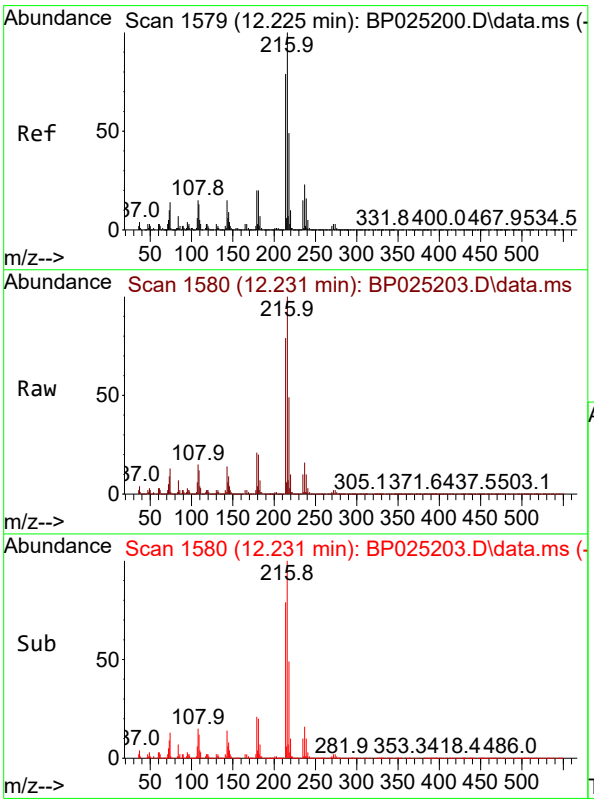
Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	43.9	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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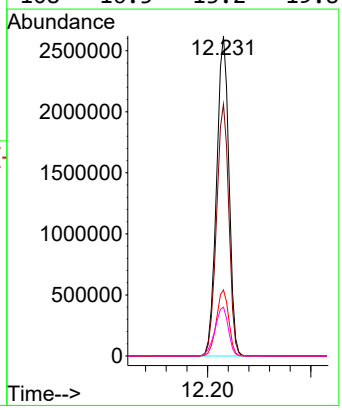
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

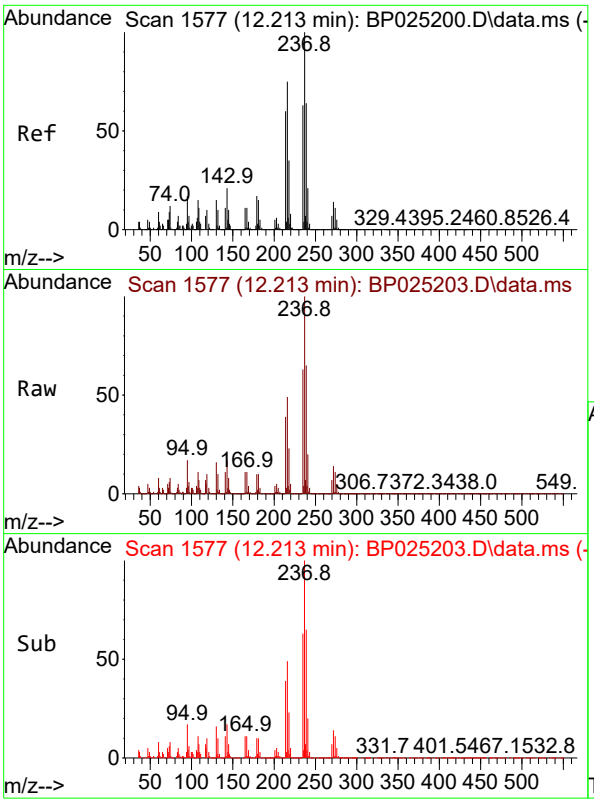


#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.446 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:216 Resp: 4340312

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.7	94.1
179	20.5	16.2	24.4
108	16.5	13.2	19.8





#41
Hexachlorocyclopentadiene
Concen: 88.768 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

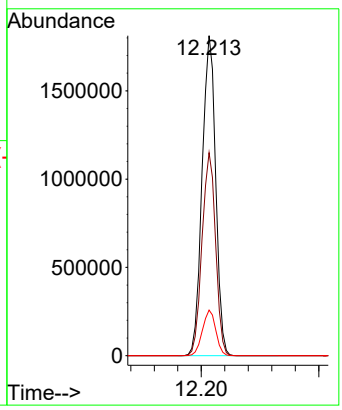
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

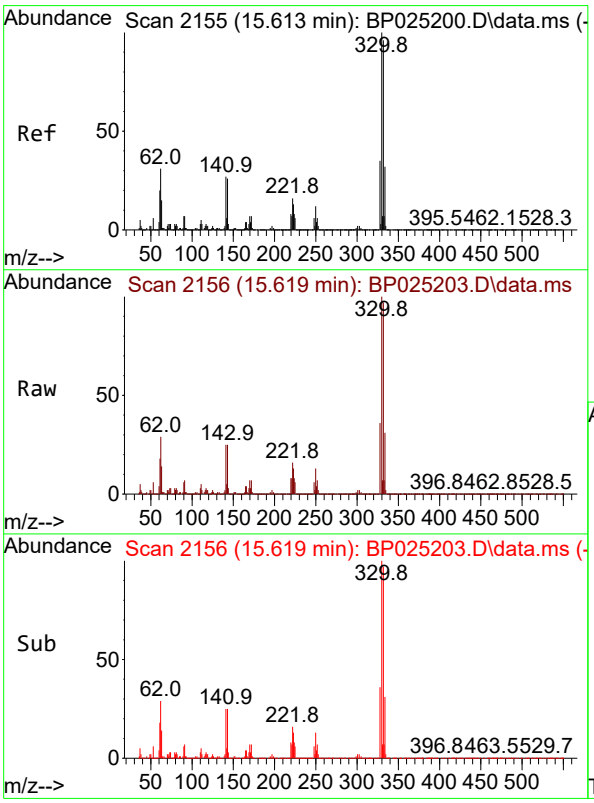
Tgt Ion:237 Resp: 289590

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.7	82.7
272	14.2	0.0	33.6

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Supervised By :Jagrut Upadhyay 07/22/2025

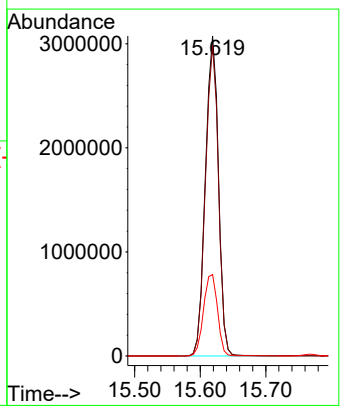


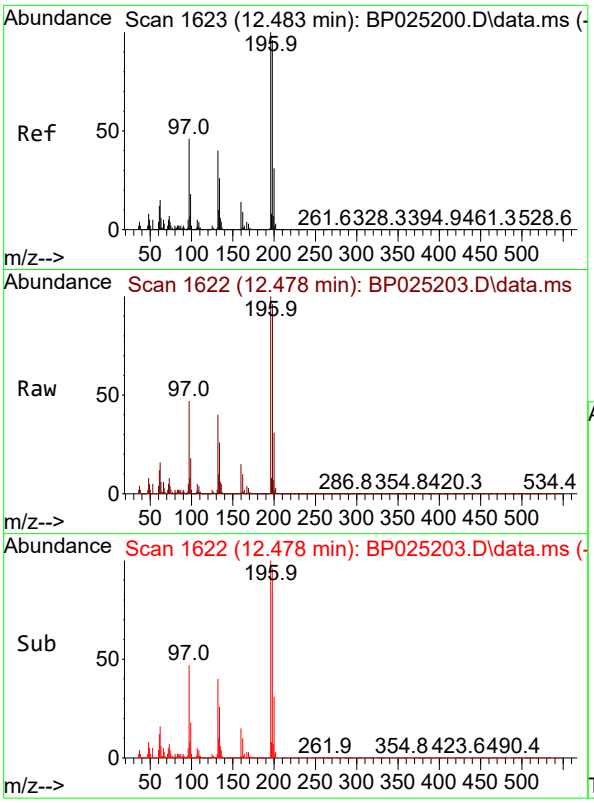


#42
2,4,6-Tribromophenol
Concen: 151.370 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:330 Resp: 4276015

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	27.1	22.4	33.6





#43
2,4,6-Trichlorophenol
Concen: 79.138 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

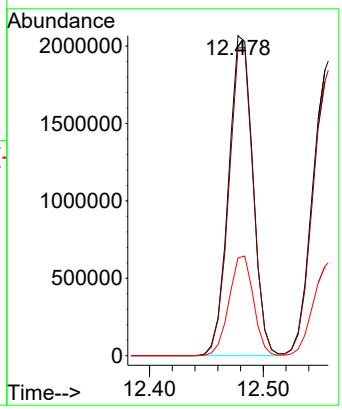
Tgt Ion:196 Resp: 307627

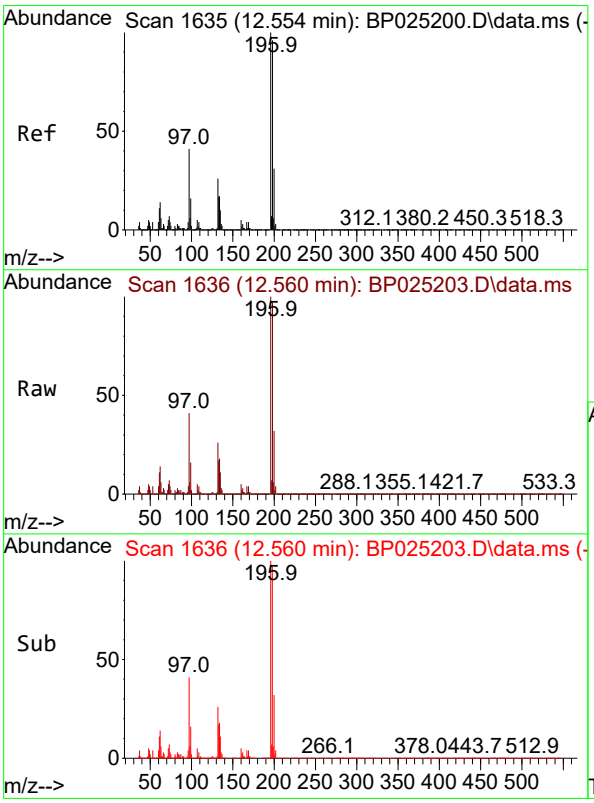
Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	114.8
200	30.5	24.7	37.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

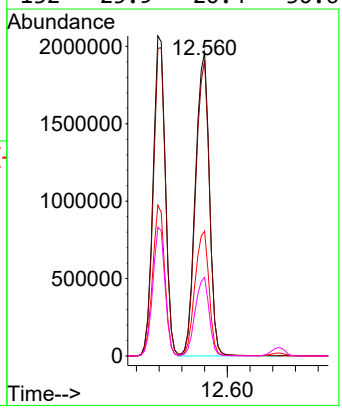


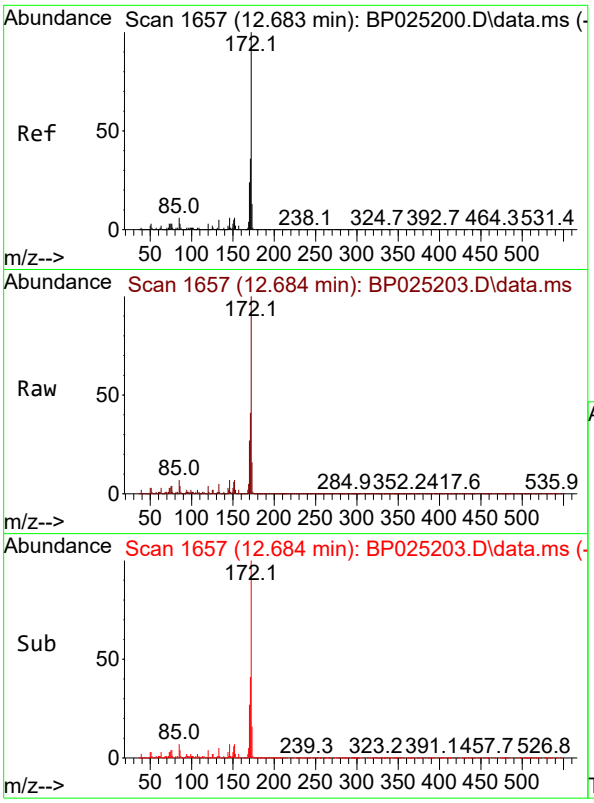


#44
2,4,5-Trichlorophenol
Concen: 78.125 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:196 Resp: 3347418

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.7	115.1
97	41.1	33.0	49.4
132	25.9	20.4	30.6

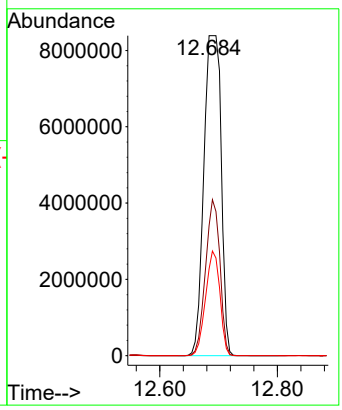




#45
2-Fluorobiphenyl
Concen: 119.181 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:172 Resp:1710188

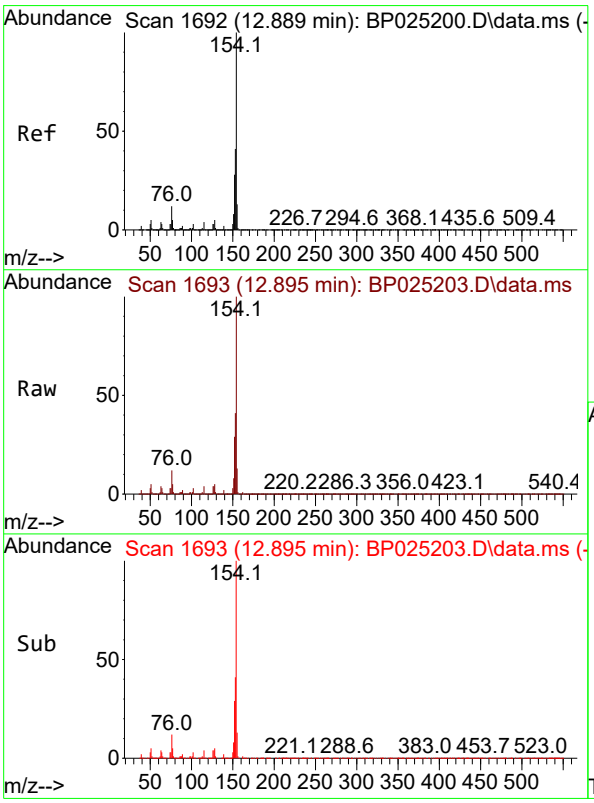
Ion	Ratio	Lower	Upper
172	100		
171	40.6	28.8	43.2
170	27.1	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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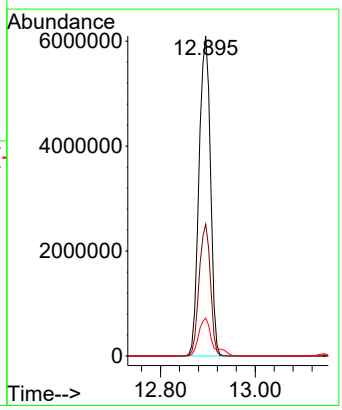
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

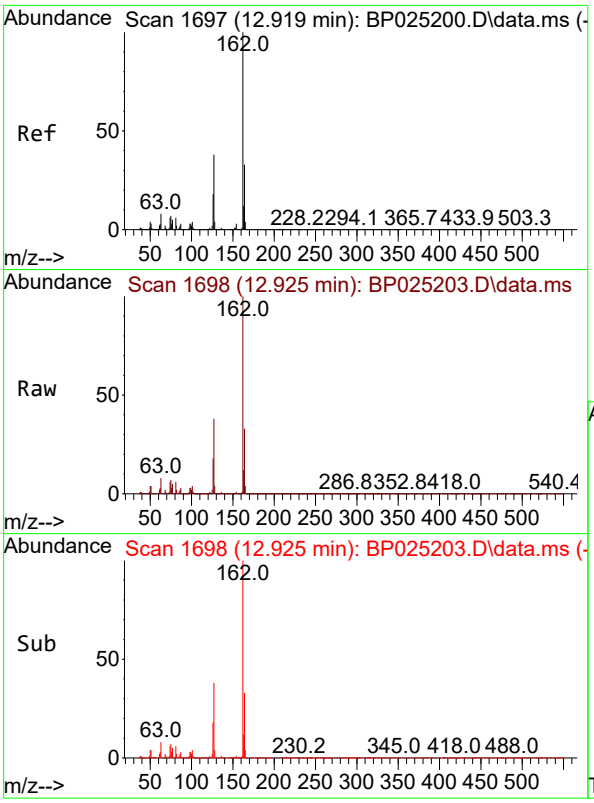


#46
1,1'-Biphenyl
Concen: 72.288 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp:10154378

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	11.9	0.0	31.6

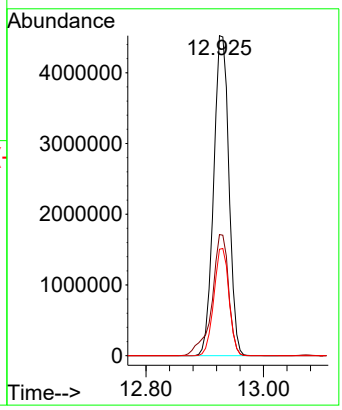




#47
2-Chloronaphthalene
Concen: 74.828 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:162 Resp: 814350

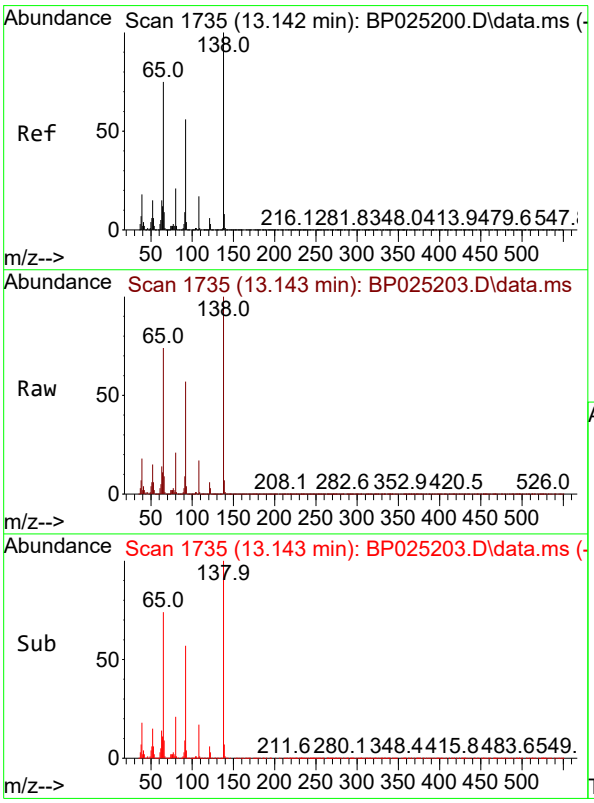
Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.1	45.1
164	33.3	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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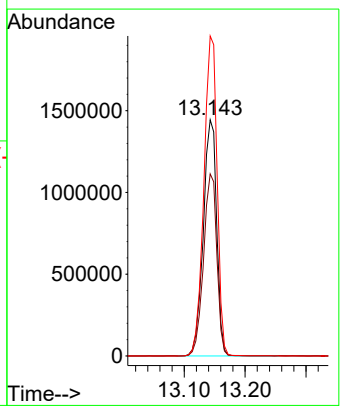
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

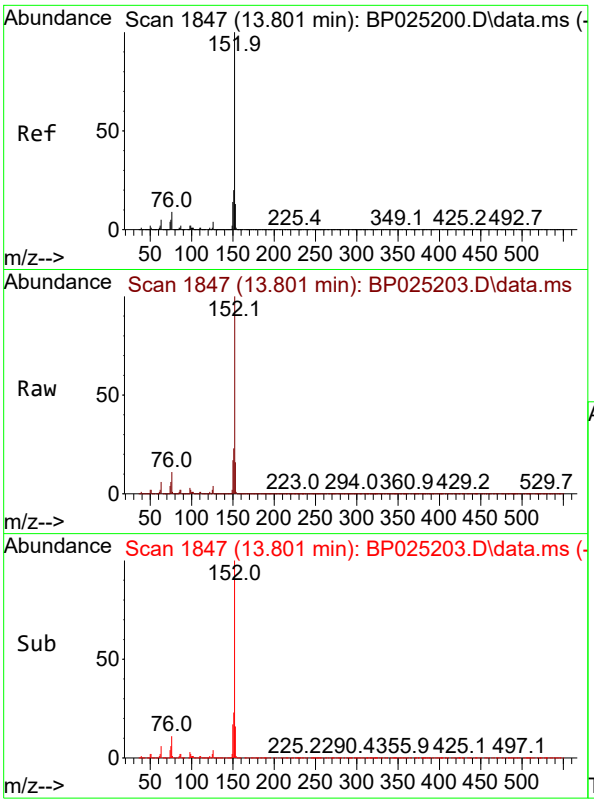


#48
2-Nitroaniline
Concen: 80.707 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 65 Resp: 2203215

Ion	Ratio	Lower	Upper
65	100		
92	77.1	59.9	89.9
138	135.5	107.1	160.7





#49
Acenaphthylene
Concen: 68.982 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

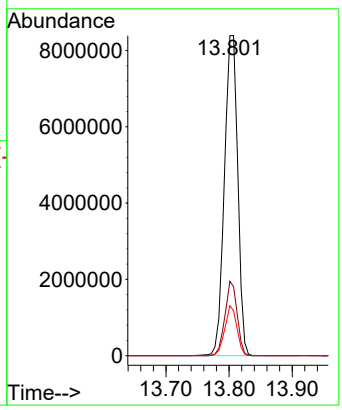
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

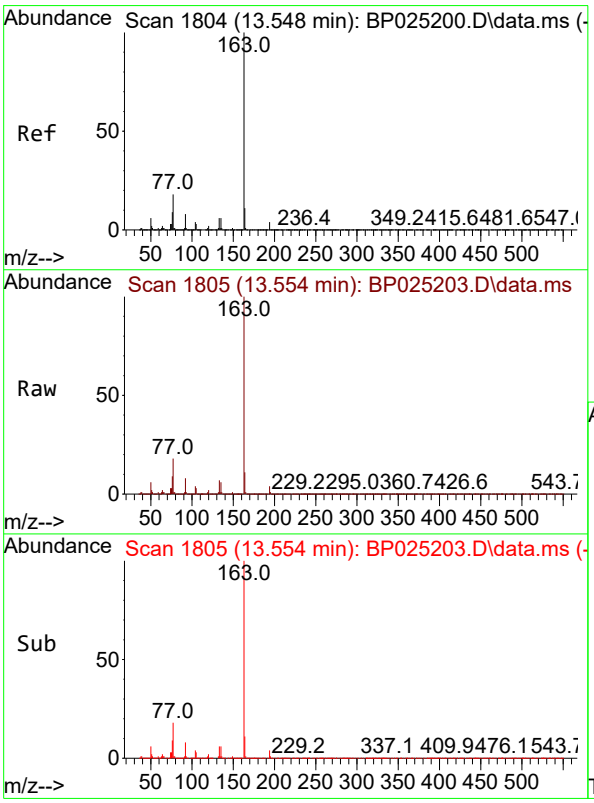
Tgt Ion:152 Resp:1231046

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.2	24.2
153	15.6	10.6	15.8

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/22/2025

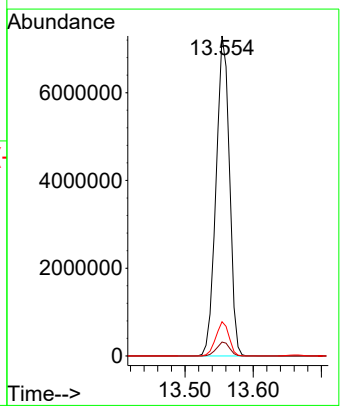


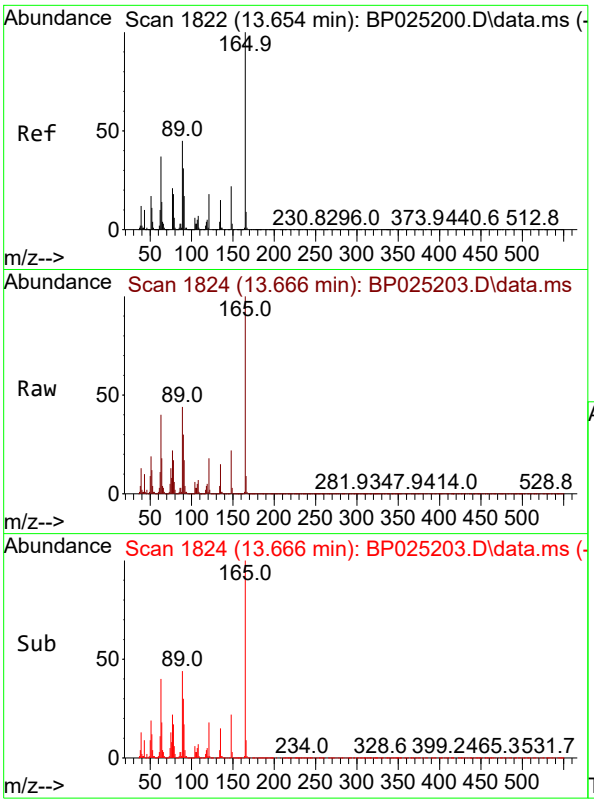


#50
Dimethylphthalate
Concen: 72.091 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:163 Resp: 9992464

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.7	8.5	12.7

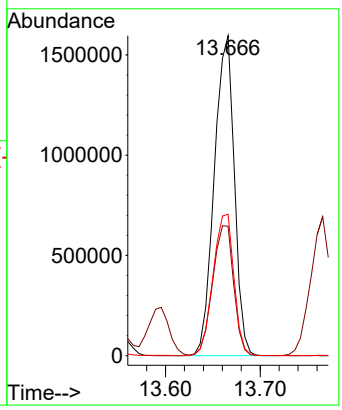




#51
2,6-Dinitrotoluene
Concen: 80.161 ng
RT: 13.666 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:165 Resp: 235203

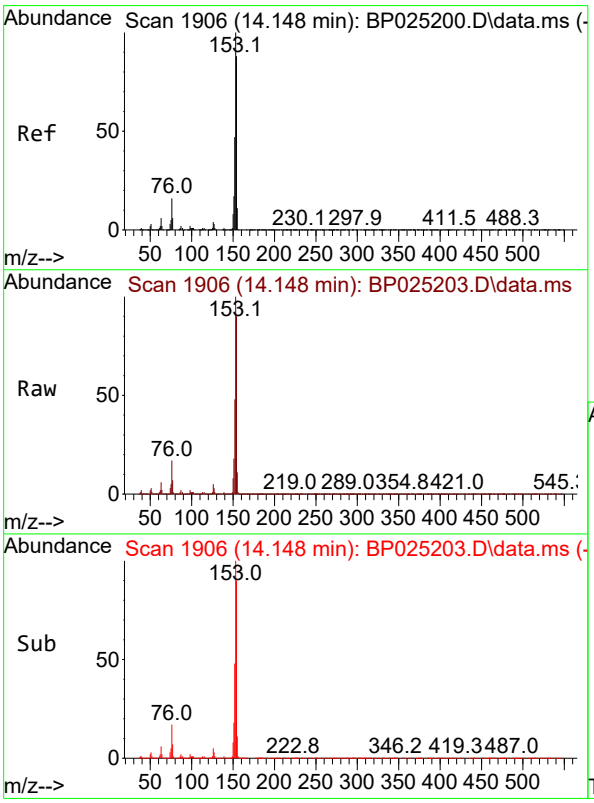
Ion	Ratio	Lower	Upper
165	100		
63	40.5	33.4	50.2
89	44.2	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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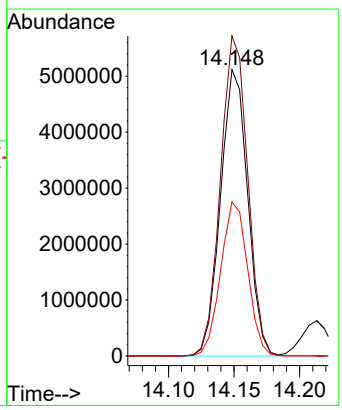
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

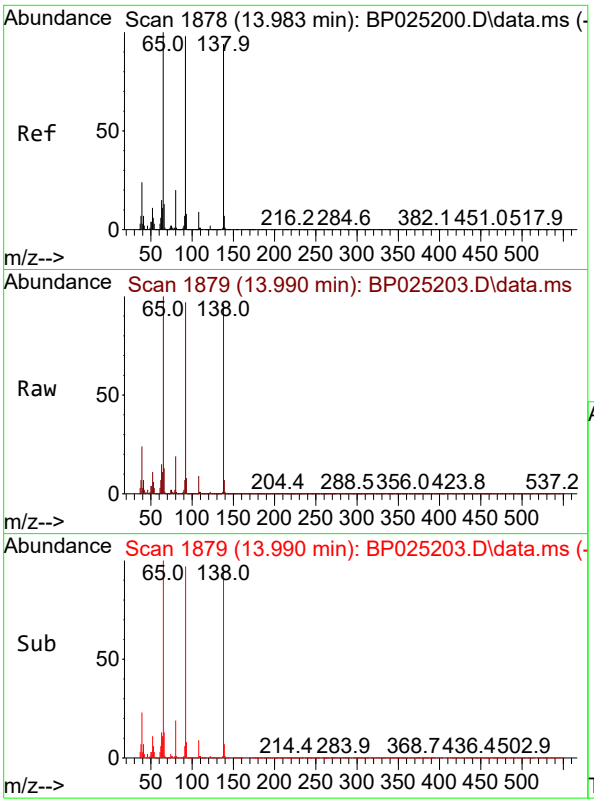


#52
Acenaphthene
Concen: 71.522 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp: 7352873

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.7	136.1
152	53.8	42.9	64.3





#53
3-Nitroaniline
Concen: 80.451 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

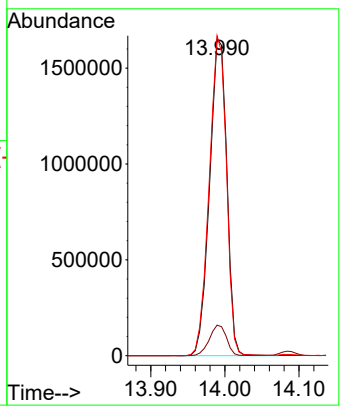
Tgt Ion:138 Resp: 266340

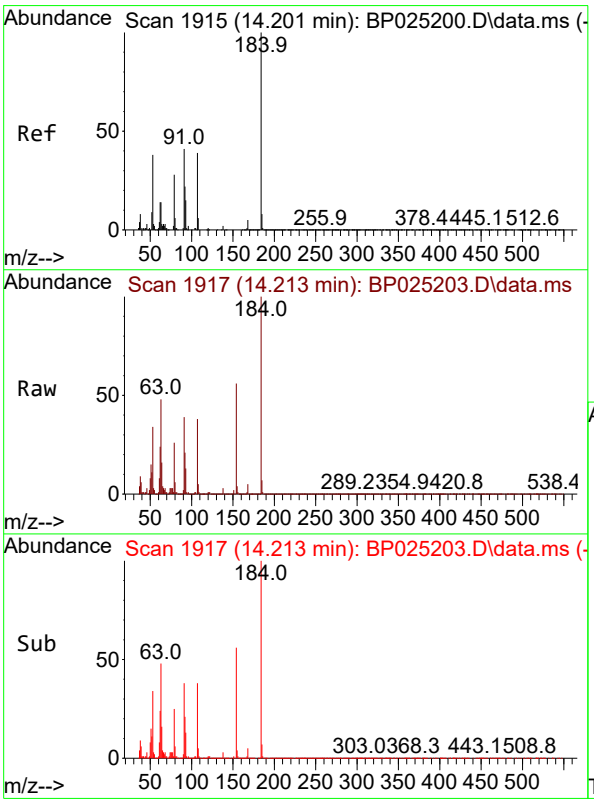
Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.5	11.3
92	100.9	83.2	124.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Supervised By :Jagrut Upadhyay 07/22/2025

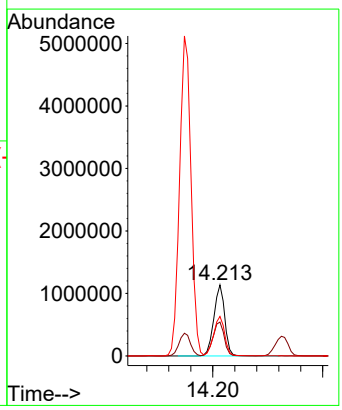


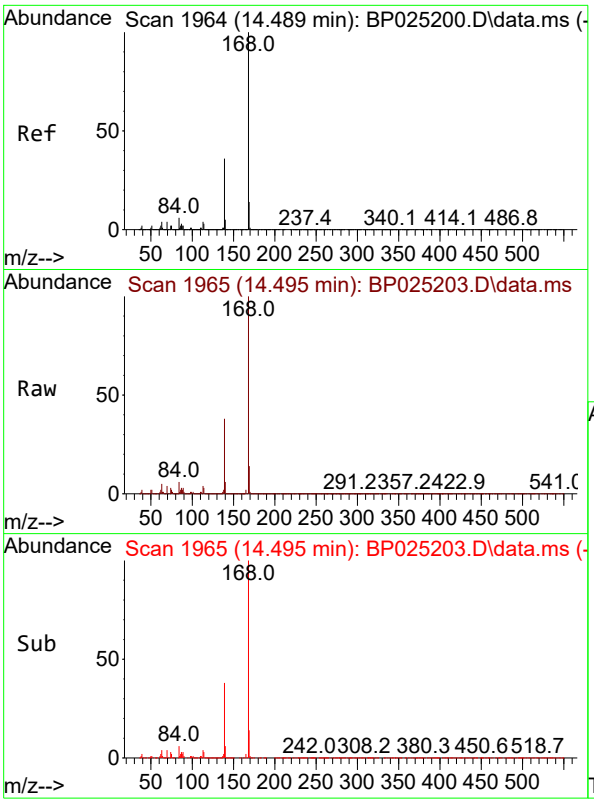


#54
2,4-Dinitrophenol
Concen: 94.925 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:184 Resp: 1560749

Ion	Ratio	Lower	Upper
184	100		
63	47.7	41.8	62.8
154	55.7	45.7	68.5

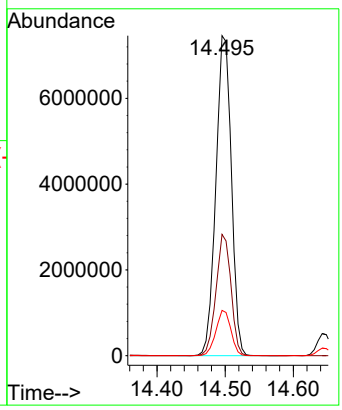




#55
Dibenzofuran
Concen: 70.782 ng
RT: 14.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:168 Resp:1178176

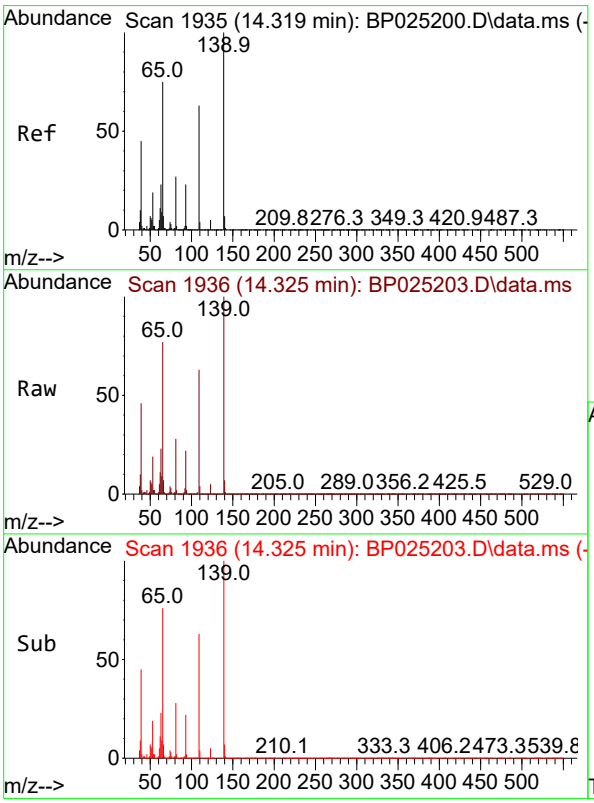
Ion	Ratio	Lower	Upper
168	100		
139	37.9	28.7	43.1
169	14.1	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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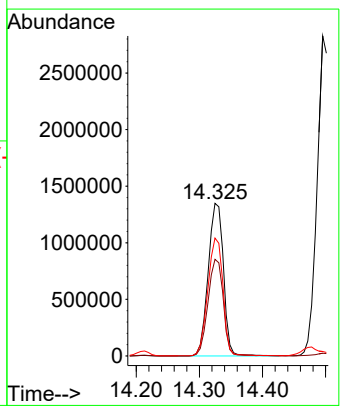
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

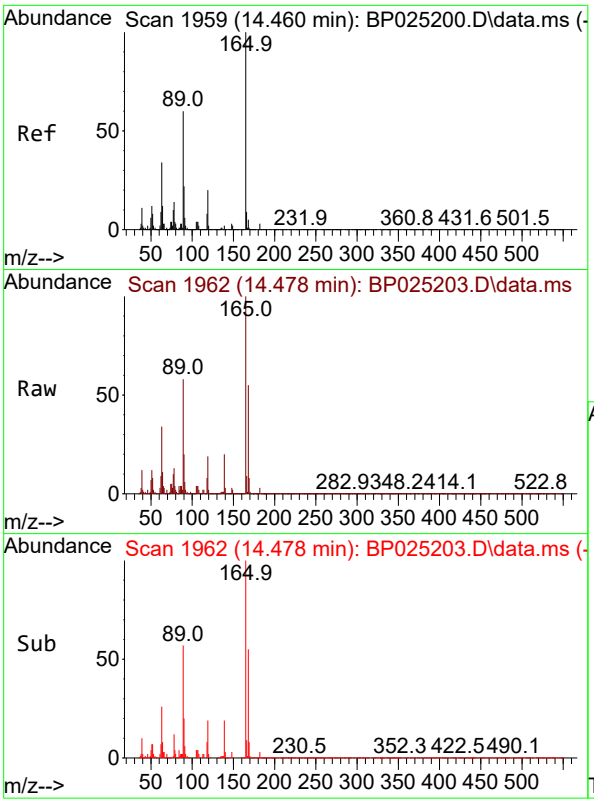


#56
4-Nitrophenol
Concen: 80.237 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2263623

Ion	Ratio	Lower	Upper
139	100		
109	63.3	42.6	82.6
65	77.3	55.4	95.4

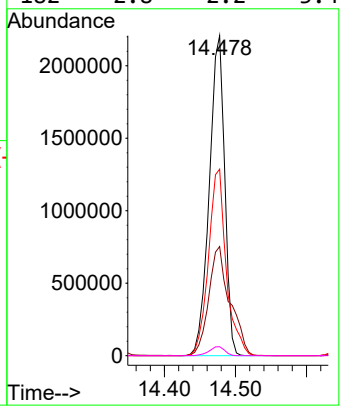




#57
2,4-Dinitrotoluene
Concen: 81.257 ng
RT: 14.478 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:165 Resp: 332146

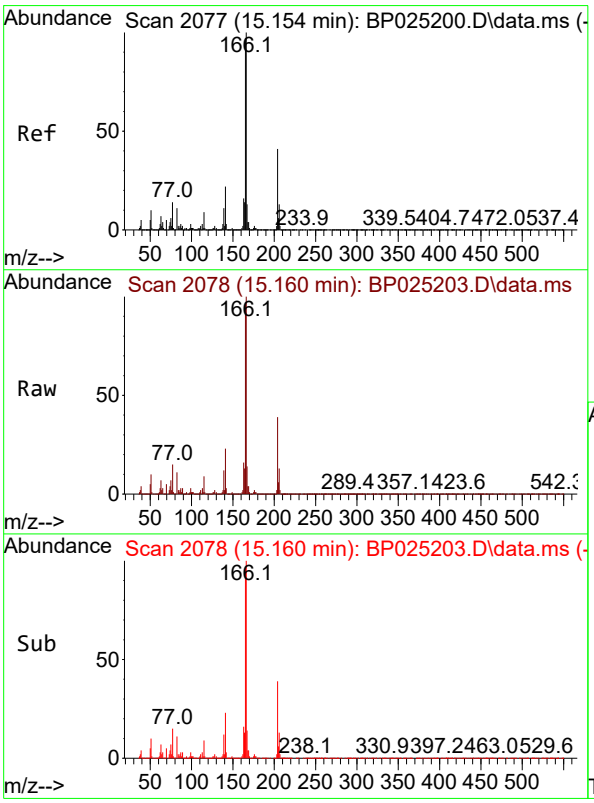
Ion	Ratio	Lower	Upper
165	100		
63	34.1	27.0	40.4
89	58.3	47.8	71.6
182	2.8	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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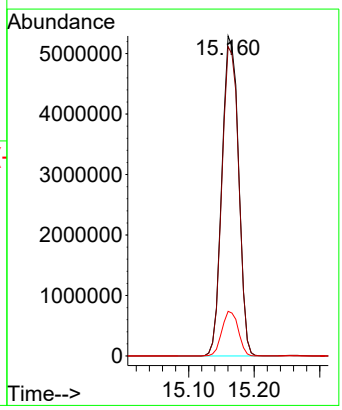
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

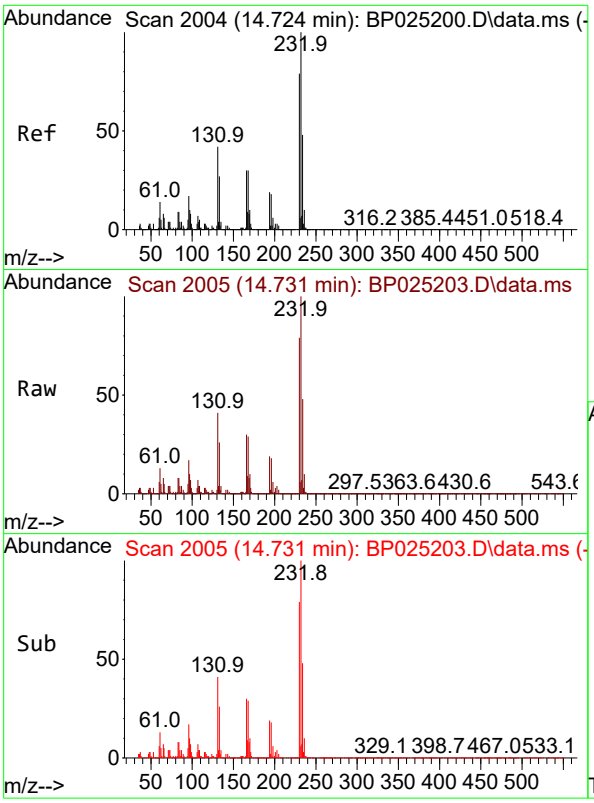


#58
Fluorene
Concen: 69.887 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:166 Resp: 9278378

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.0	117.0
167	13.9	10.7	16.1

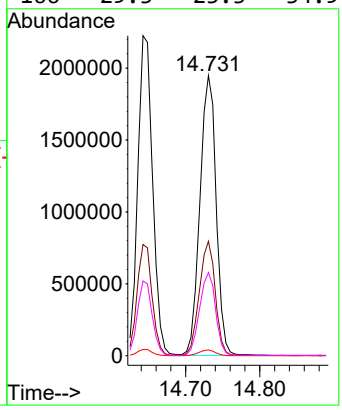




#59
2,3,4,6-Tetrachlorophenol
Concen: 78.074 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:232 Resp: 296133

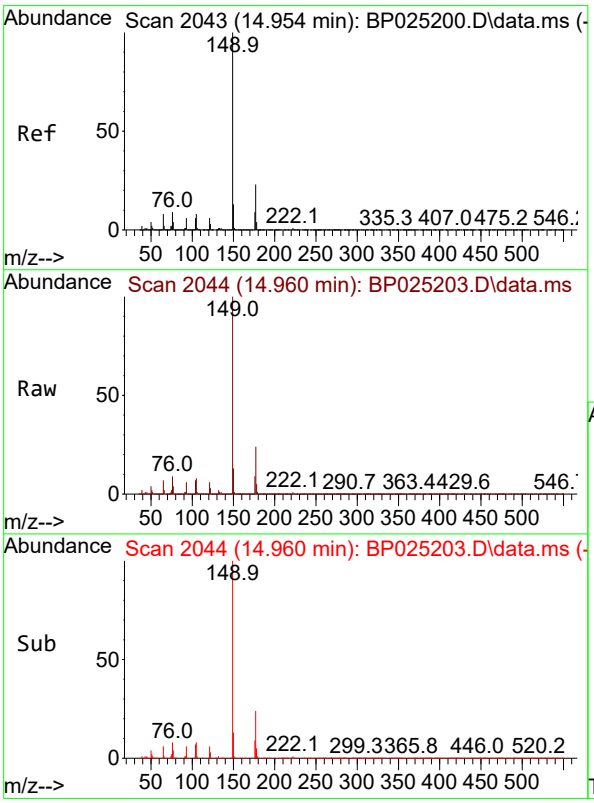
Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.6	48.8
130	2.1	1.6	2.4
166	29.3	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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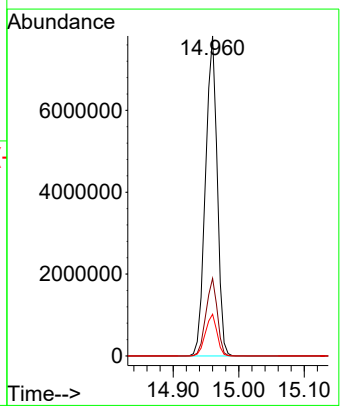
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

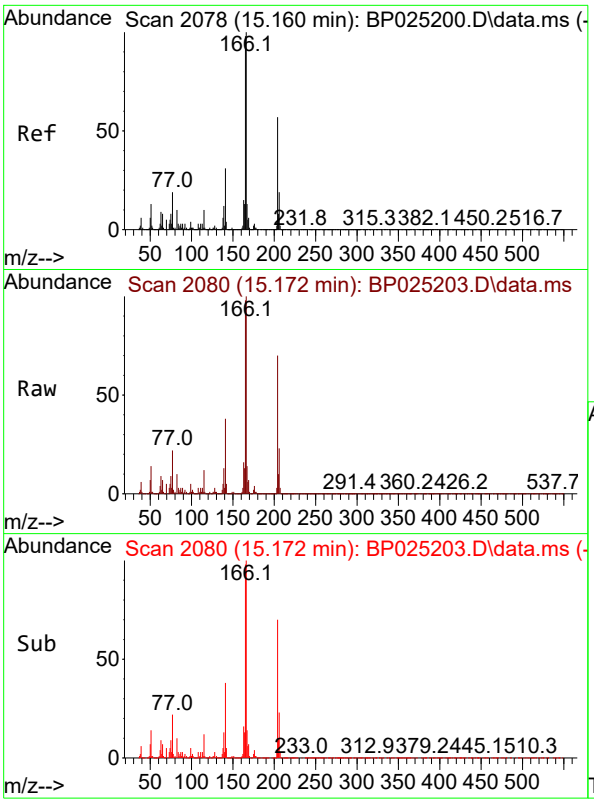


#60
Diethylphthalate
Concen: 71.116 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 9739656

Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.4	27.6
150	13.1	10.0	15.0

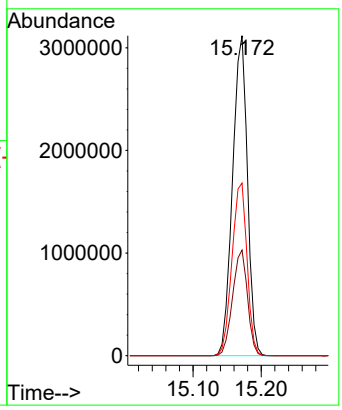




#61
4-Chlorophenyl-phenylether
Concen: 70.690 ng
RT: 15.172 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:204 Resp: 473034

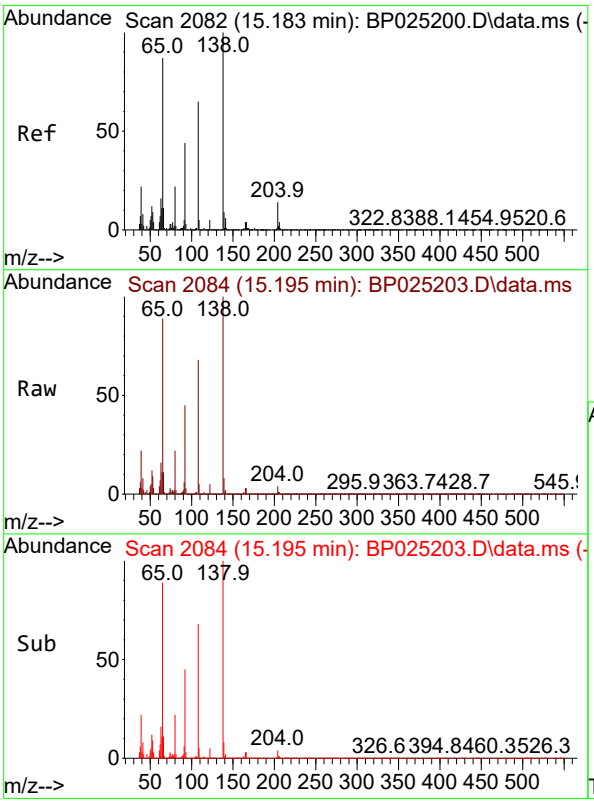
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	54.0	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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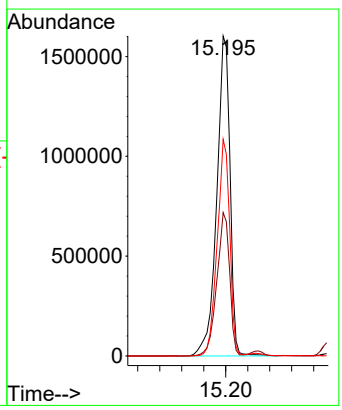
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

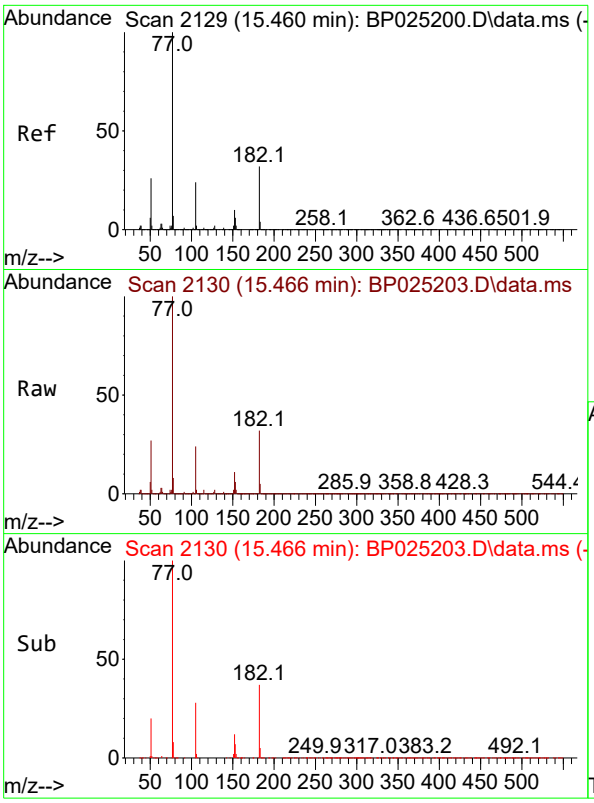


#62
4-Nitroaniline
Concen: 79.596 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:138 Resp: 2685203

Ion	Ratio	Lower	Upper
138	100		
92	44.8	24.0	64.0
108	67.7	44.9	84.9

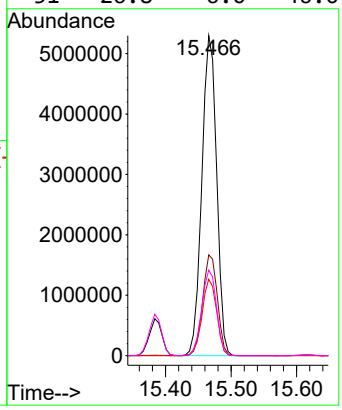




#63
Azobenzene
Concen: 75.626 ng
RT: 15.466 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 831971

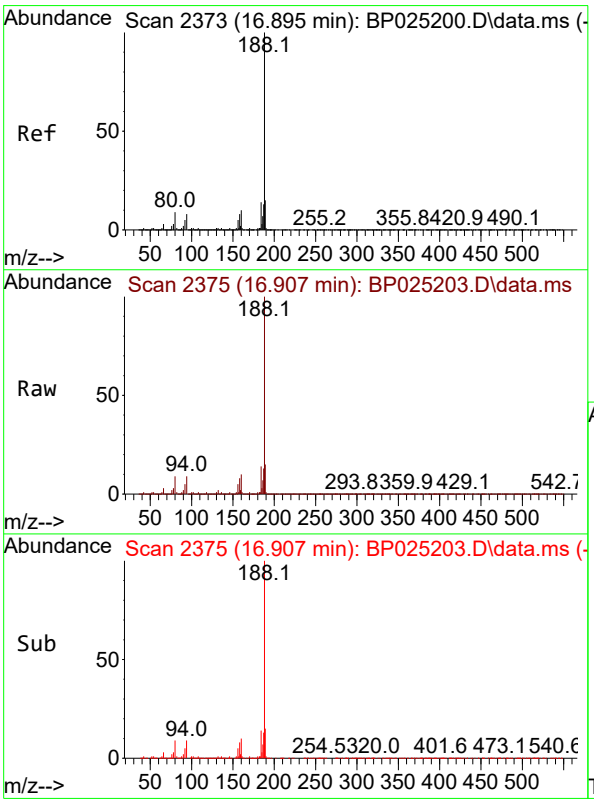
Ion	Ratio	Lower	Upper
77	100		
182	31.5	12.0	52.0
105	23.9	3.6	43.6
51	26.8	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

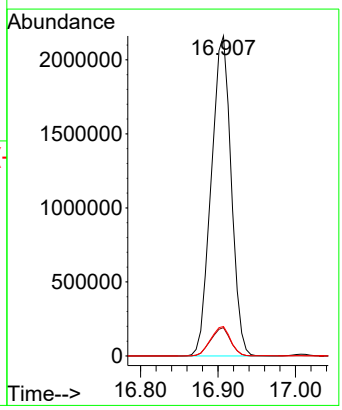
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

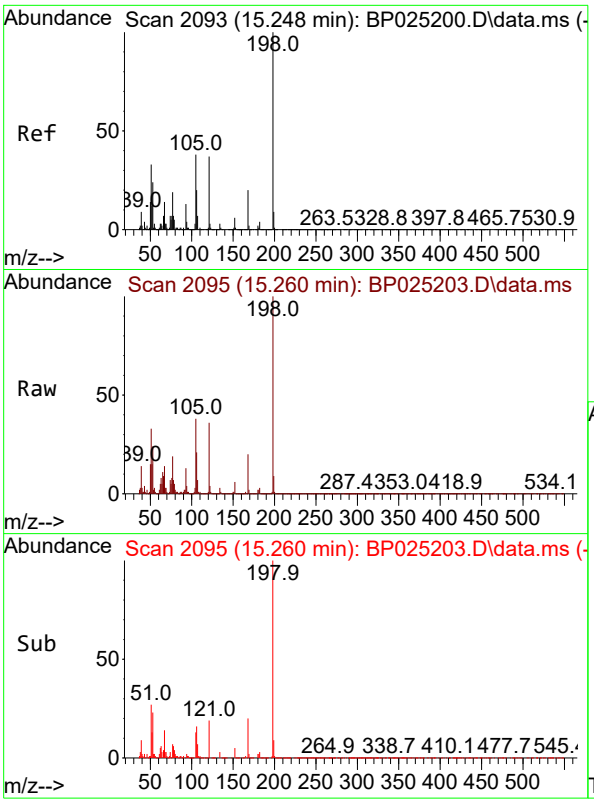


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:188 Resp: 3857742

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.2	7.3	10.9

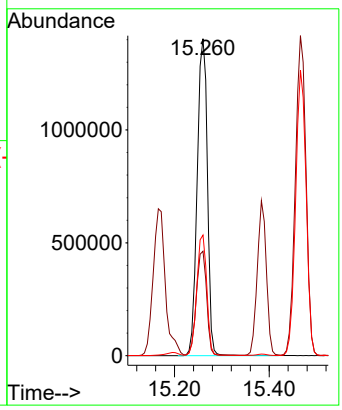




#65
4,6-Dinitro-2-methylphenol
Concen: 86.660 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:198 Resp: 209293

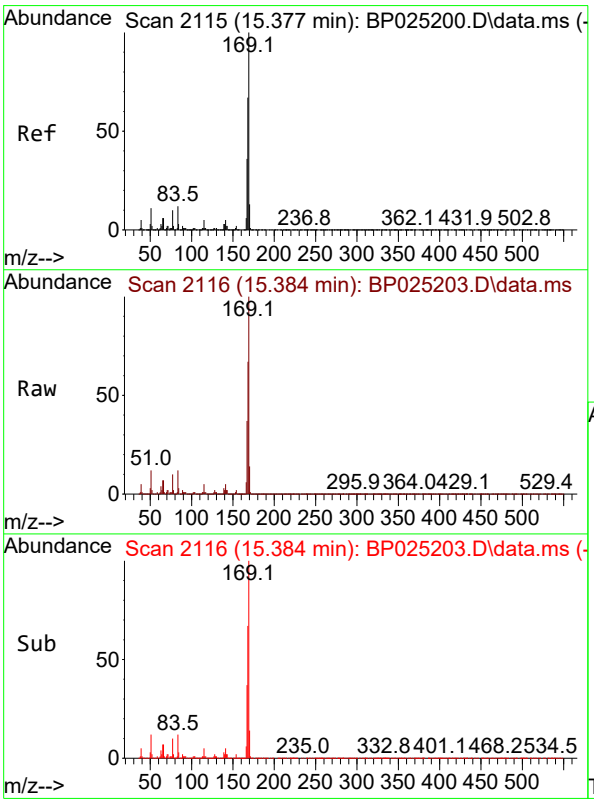
Ion	Ratio	Lower	Upper
198	100		
51	33.0	14.6	54.6
105	38.1	18.3	58.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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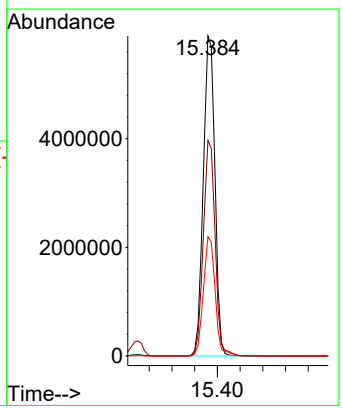
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

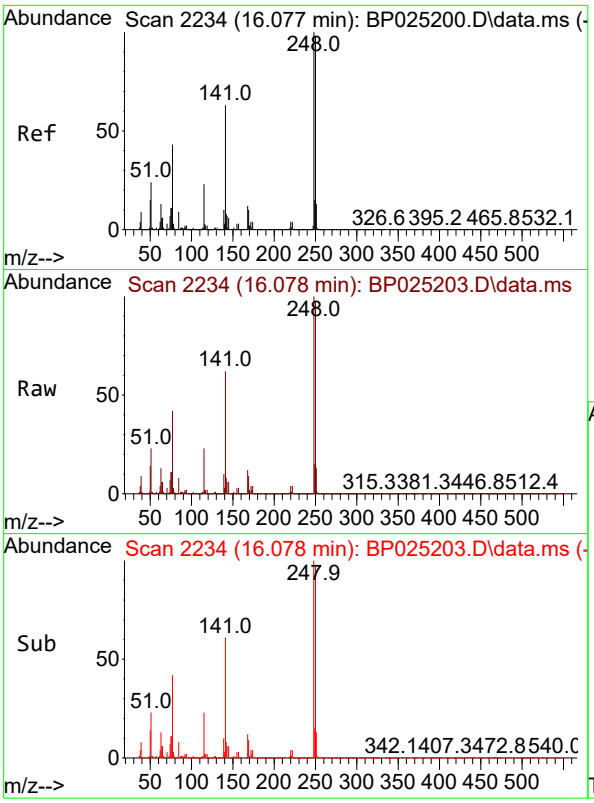


#66
n-Nitrosodiphenylamine
Concen: 69.242 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:169 Resp: 8318929

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	37.2	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 74.593 ng
RT: 16.078 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

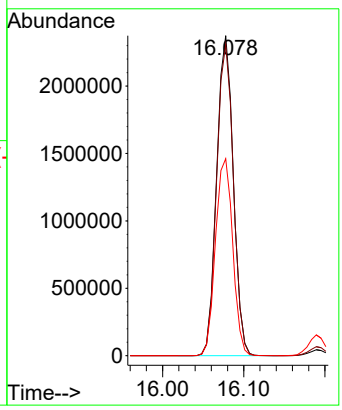
Tgt Ion:248 Resp: 339284

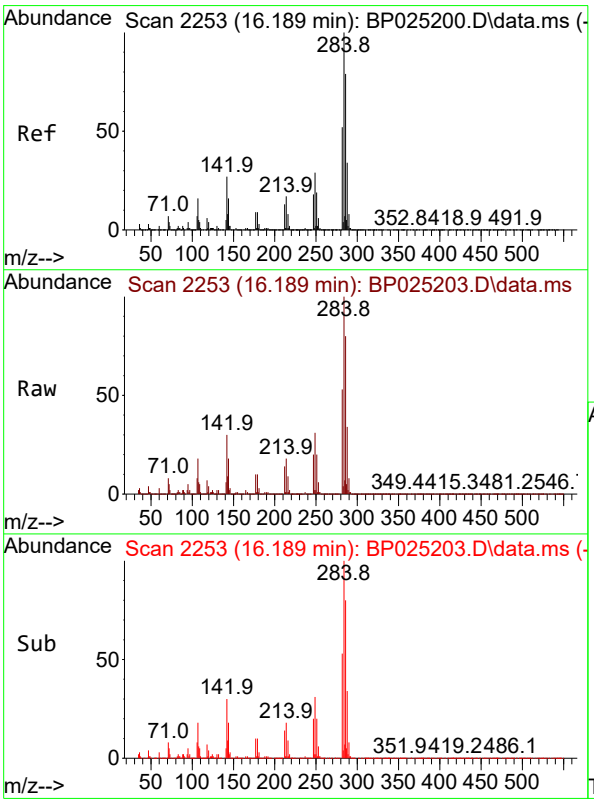
Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.5	117.7
141	61.5	50.5	75.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
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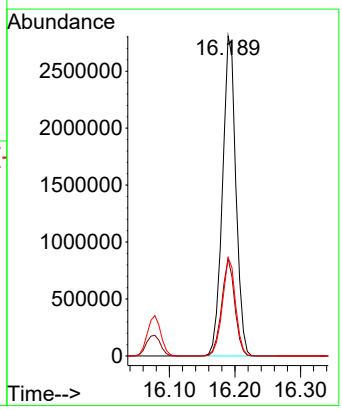


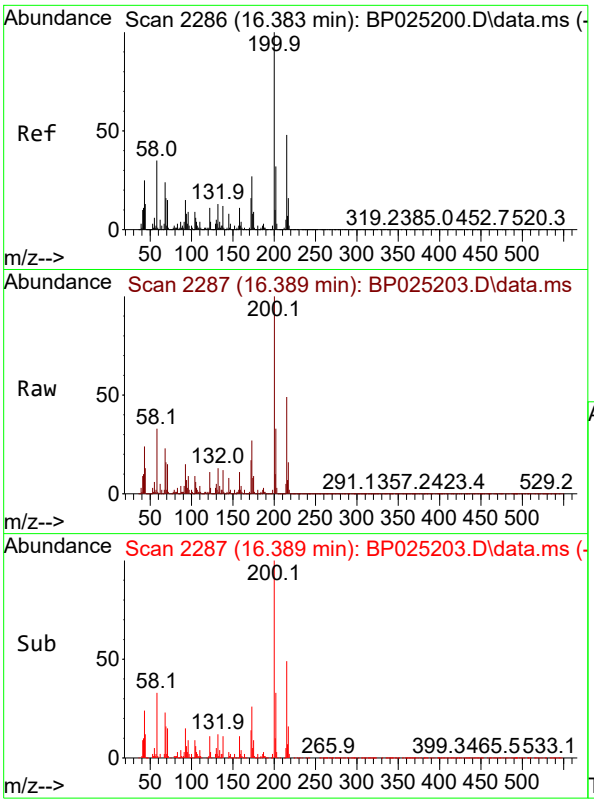


#68
Hexachlorobenzene
Concen: 72.885 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:284 Resp: 3958634

Ion	Ratio	Lower	Upper
284	100		
142	30.5	21.5	32.3
249	30.7	23.4	35.0

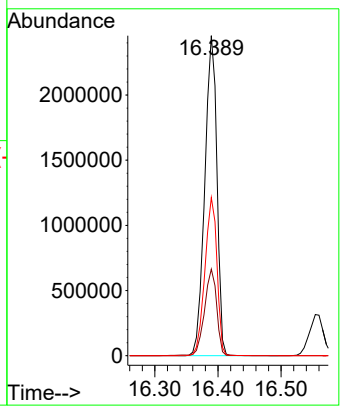




#69
Atrazine
Concen: 74.592 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:200 Resp: 326648

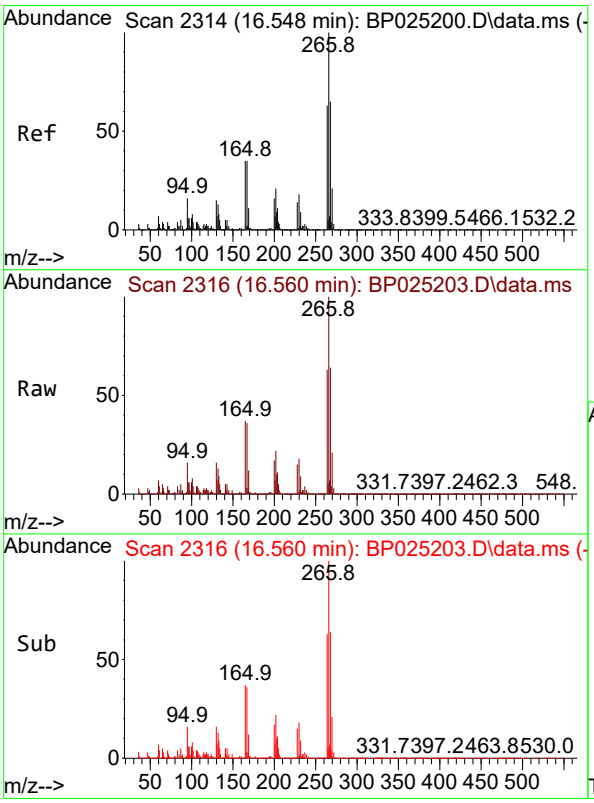
Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	49.4	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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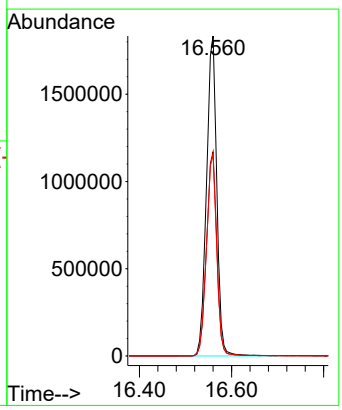
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

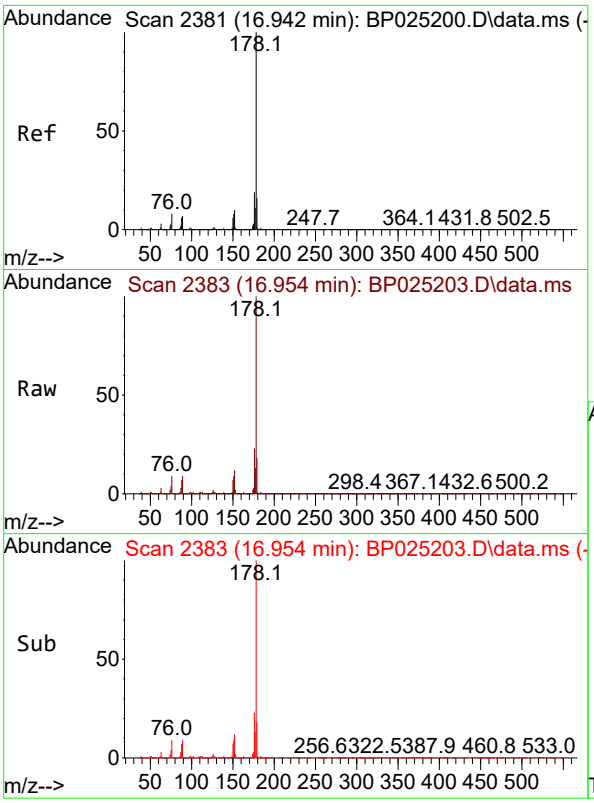


#70
Pentachlorophenol
Concen: 78.904 ng
RT: 16.560 min Scan# 2316
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:266 Resp: 2852574

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.8	77.6
264	63.0	50.3	75.5

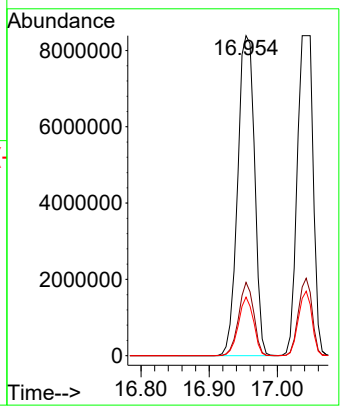




#71
Phenanthrene
Concen: 66.900 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:178 Resp:1438018

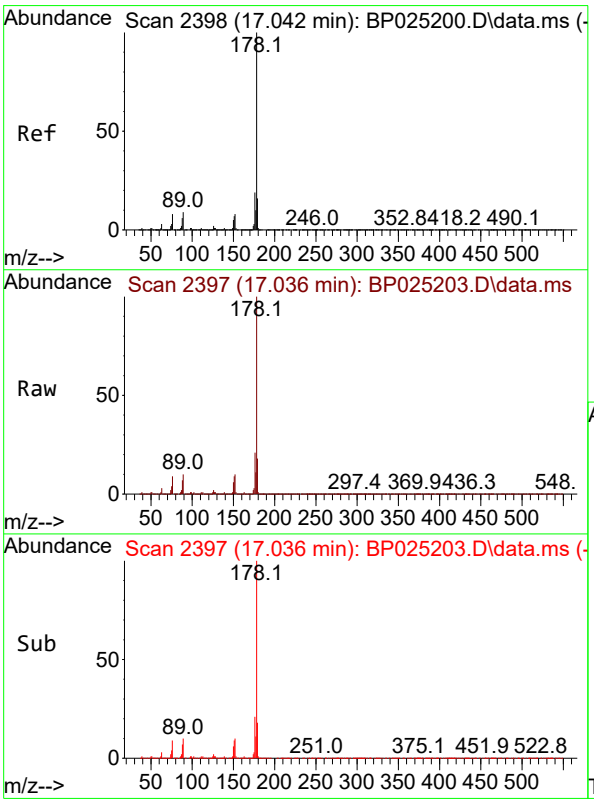
Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.6	23.4
179	18.3	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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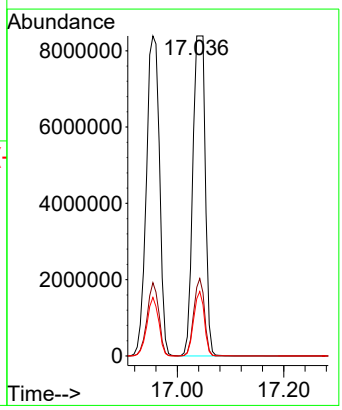
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

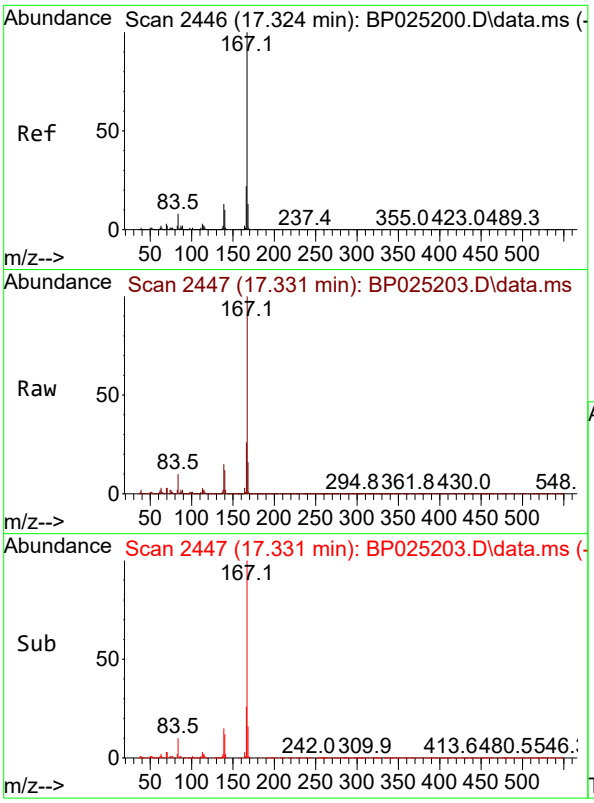


#72
Anthracene
Concen: 62.578 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:178 Resp:13655221

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.4
179	17.9	12.5	18.7

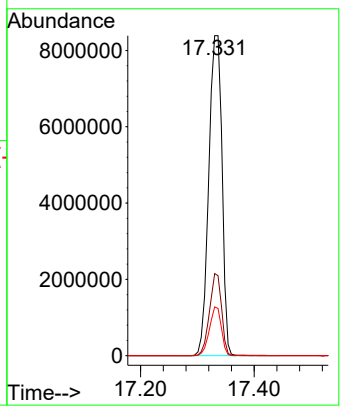




#73
Carbazole
Concen: 65.036 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:167 Resp:1350296

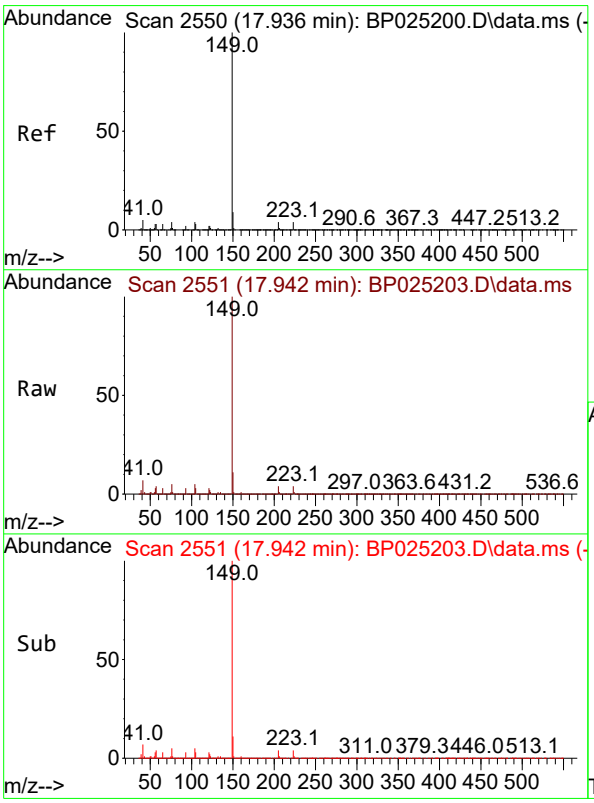
Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.3	25.9
139	15.2	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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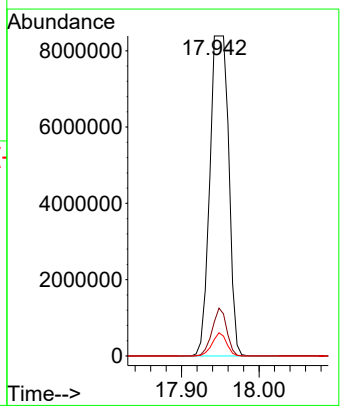
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

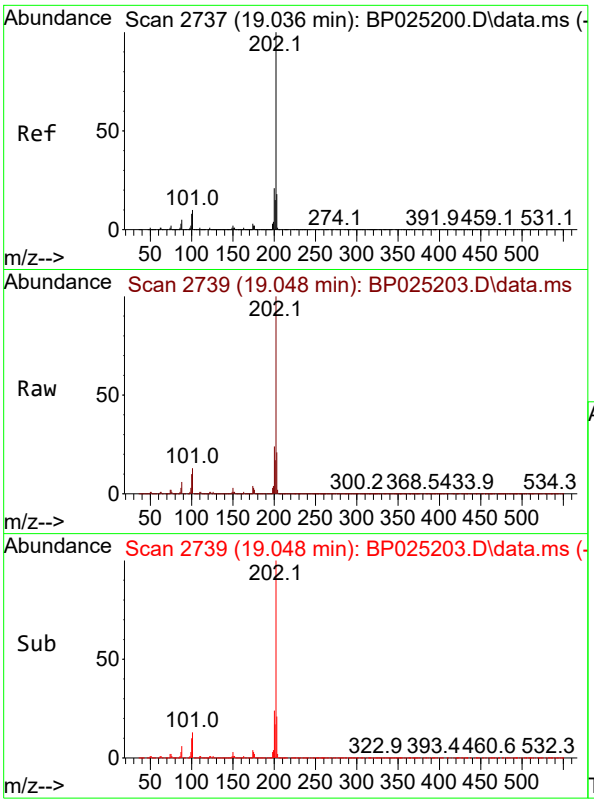


#74
Di-n-butylphthalate
Concen: 58.482 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:14237898

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.6	11.4
104	5.2	3.5	5.3

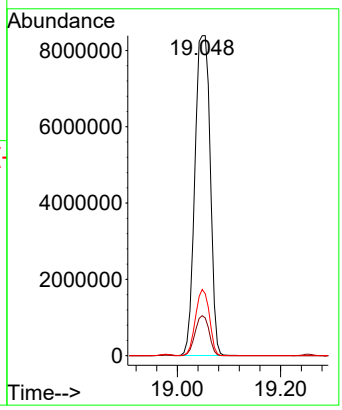




#75
Fluoranthene
Concen: 67.620 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:202 Resp:1718575

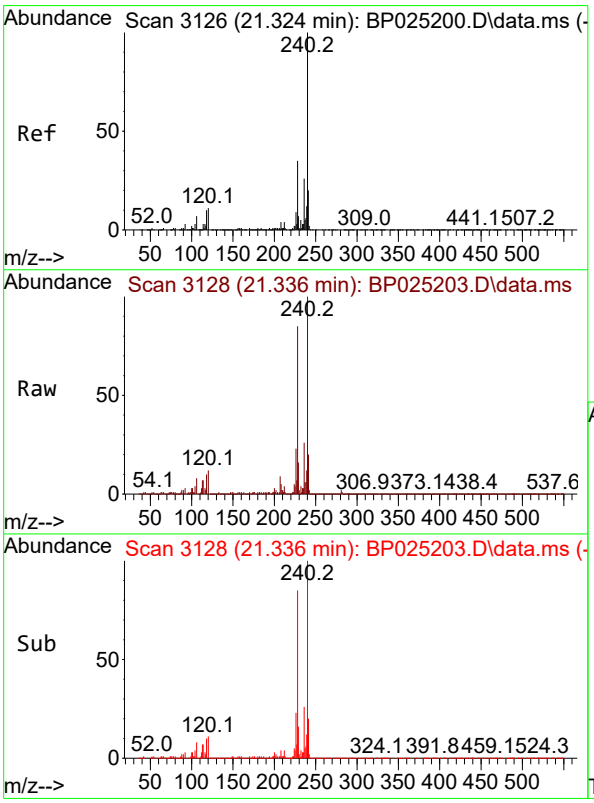
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
203	20.7	0.0	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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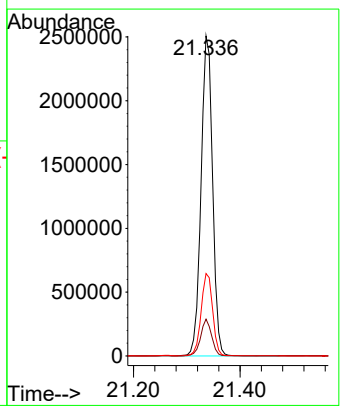
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

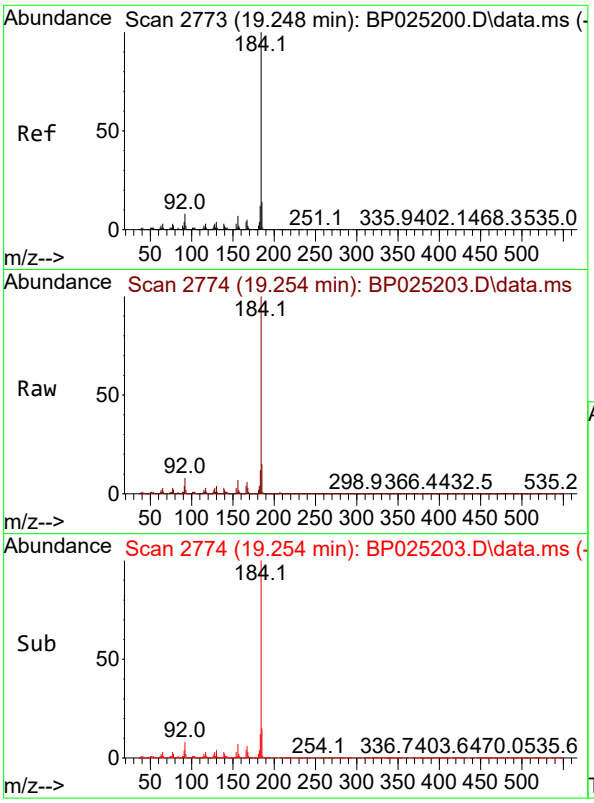


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:240 Resp: 3752201

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	25.8	20.9	31.3

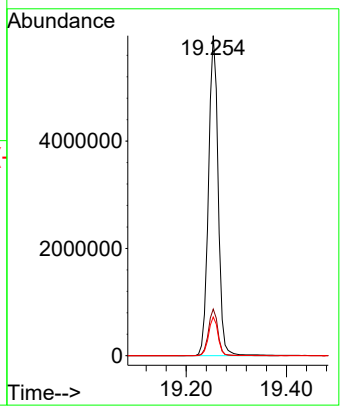




#77
Benzidine
Concen: 55.646 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:184 Resp: 797572

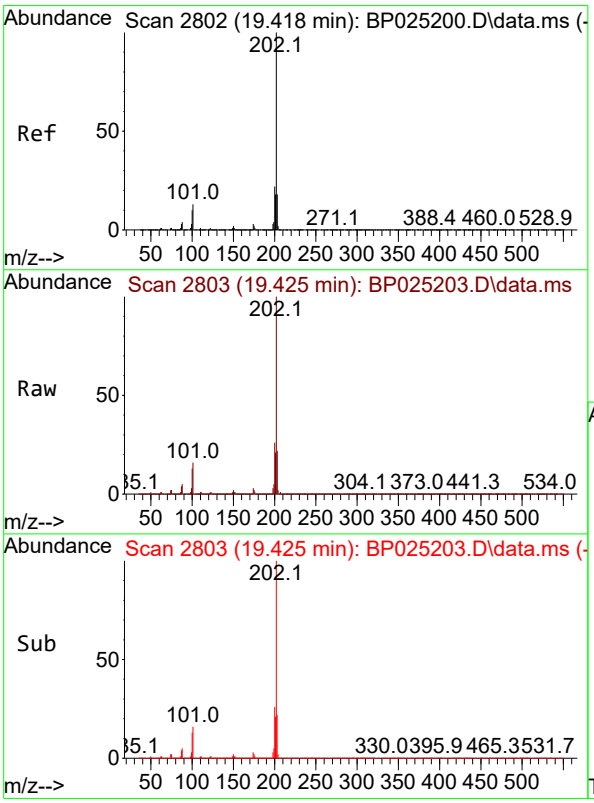
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	12.1	9.6	14.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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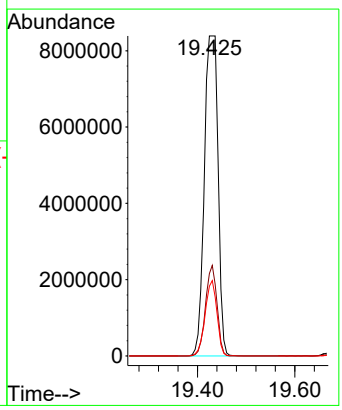
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

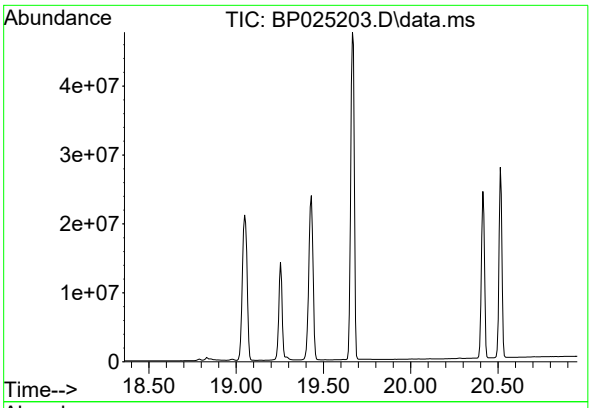


#78
Pyrene
Concen: 68.613 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:202 Resp:16361302

Ion	Ratio	Lower	Upper
202	100		
200	25.8	17.4	26.2
203	21.8	14.3	21.5#





#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.66 min

Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

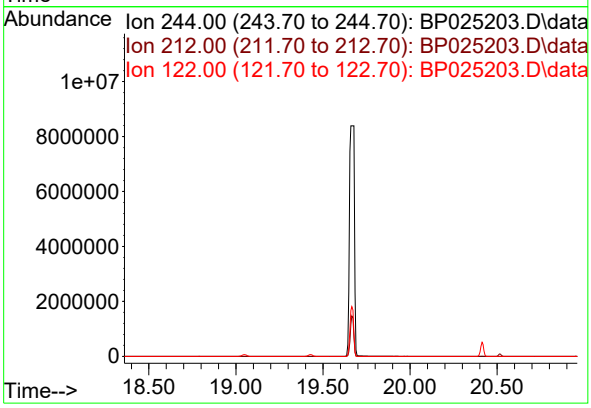
Tgt Ion: 244

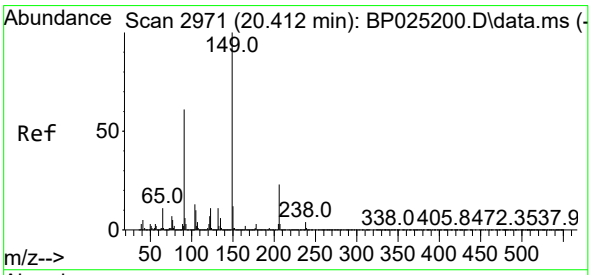
Sig	Exp Ratio
244	100
212	8.2
122	12.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

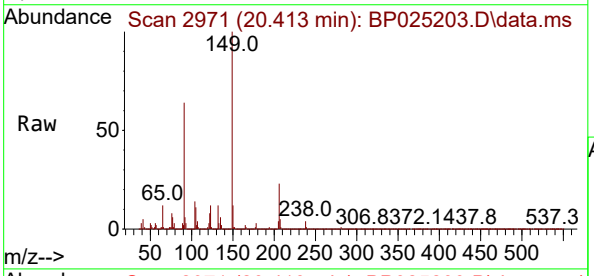


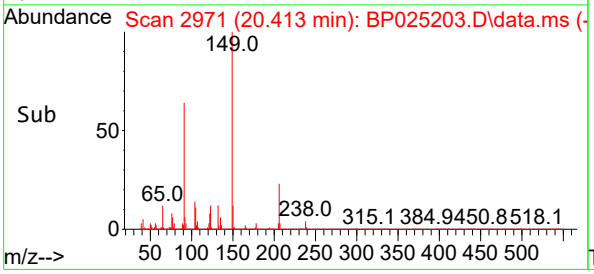


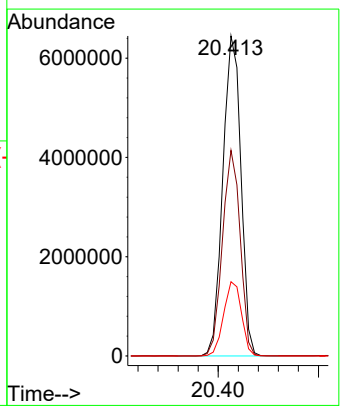
#80
Butylbenzylphthalate
Concen: 76.566 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

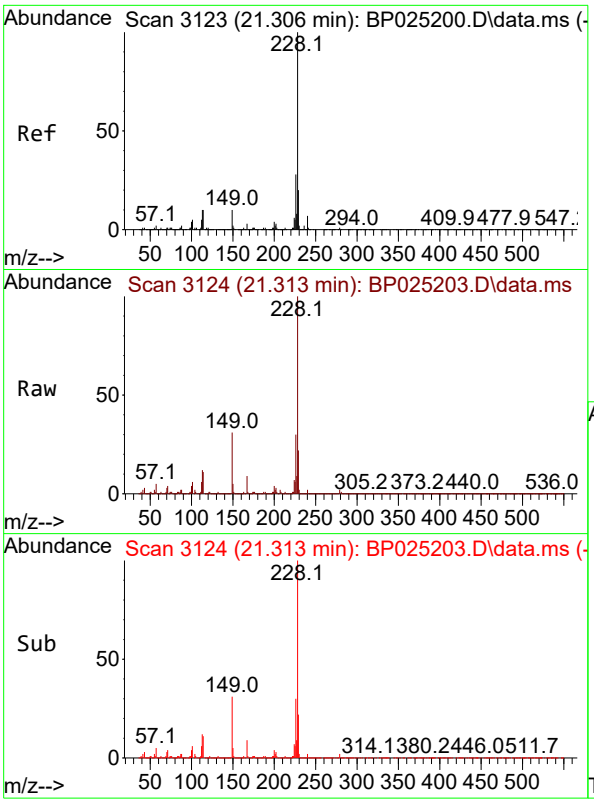
Tgt Ion:149 Resp: 8056925

Ion	Ratio	Lower	Upper
149	100		
91	64.3	48.8	73.2
206	23.2	18.4	27.6





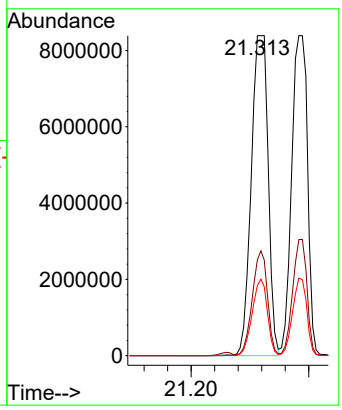




#81
Benzo(a)anthracene
Concen: 68.598 ng
RT: 21.313 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:228 Resp:1674208

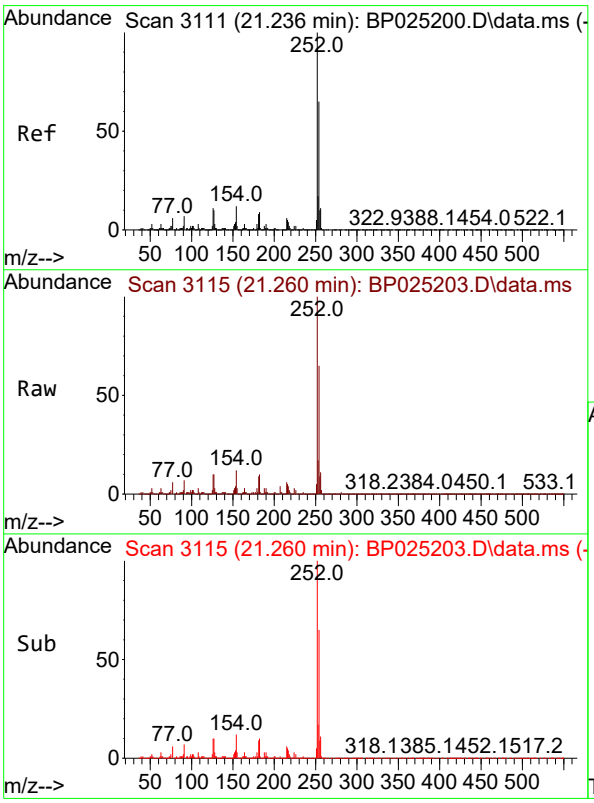
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.3	33.5
229	21.9	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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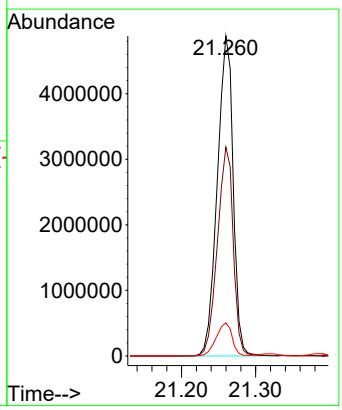
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

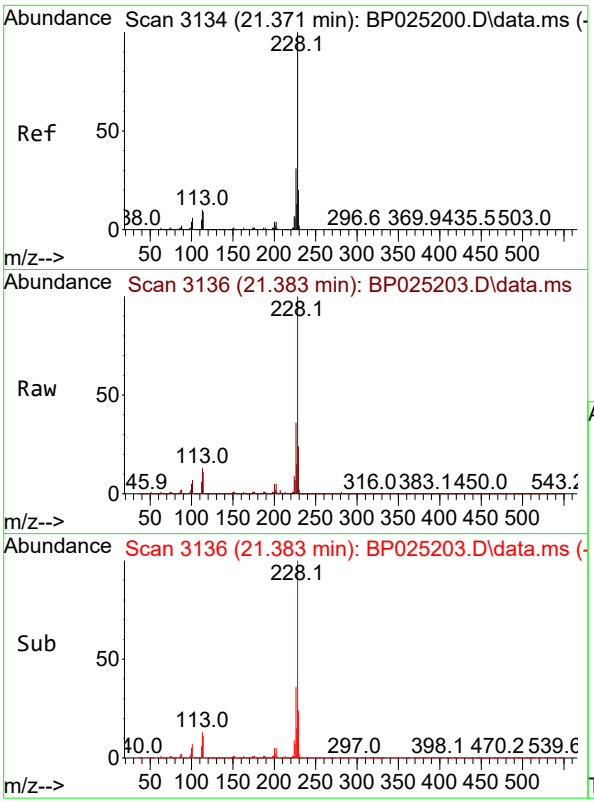


#82
3,3'-Dichlorobenzidine
Concen: 72.426 ng
RT: 21.260 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp: 7248237

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.4	8.6	12.8

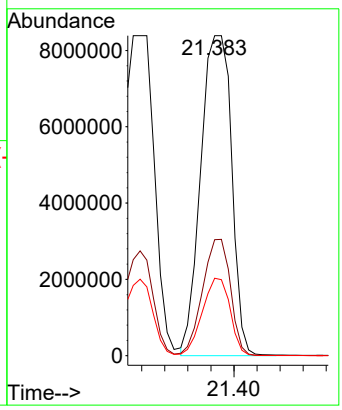




#83
Chrysene
Concen: 68.604 ng m
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:228 Resp:1561434

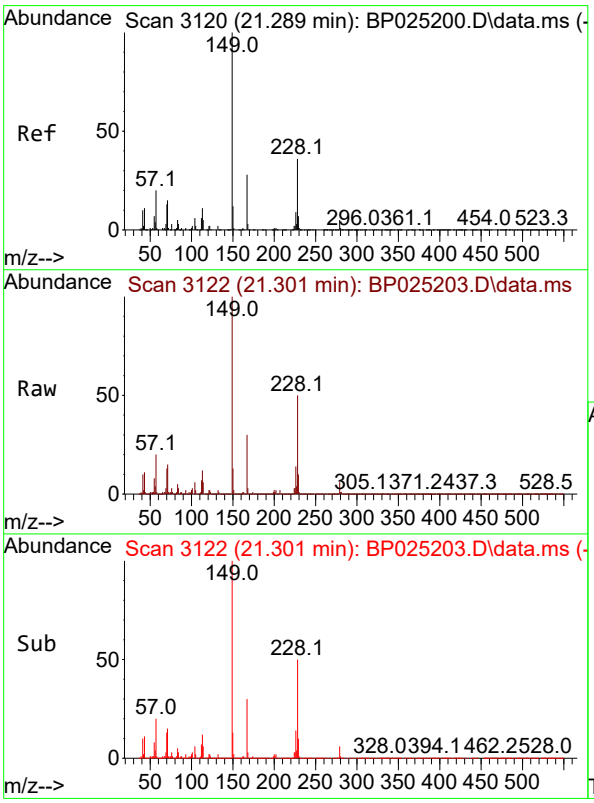
Ion	Ratio	Lower	Upper
228	100		
226	36.3	24.6	37.0
229	24.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

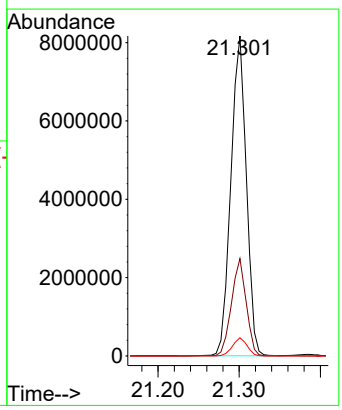
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

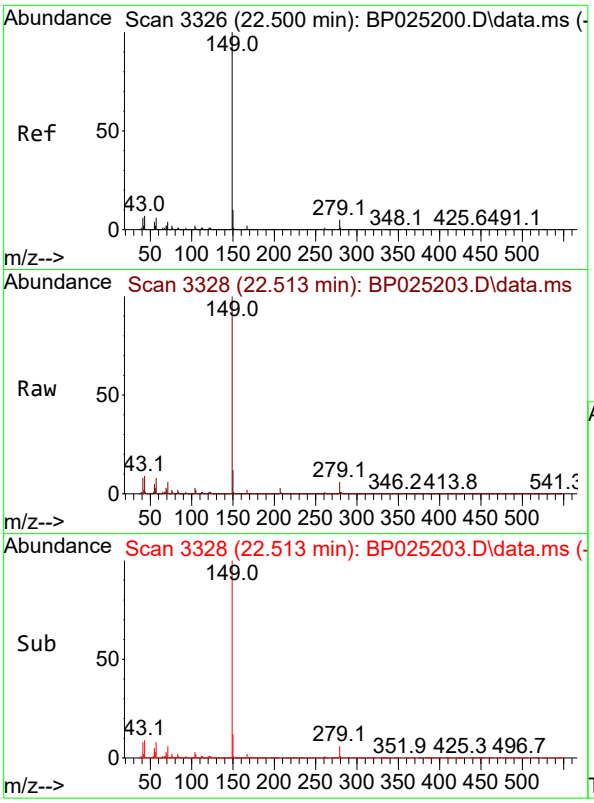


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.360 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:10793960

Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.6	34.0
279	5.7	4.0	6.0

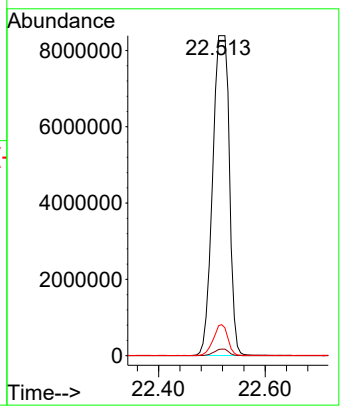




#85
Di-n-octyl phthalate
Concen: 68.160 ng
RT: 22.513 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:1822591

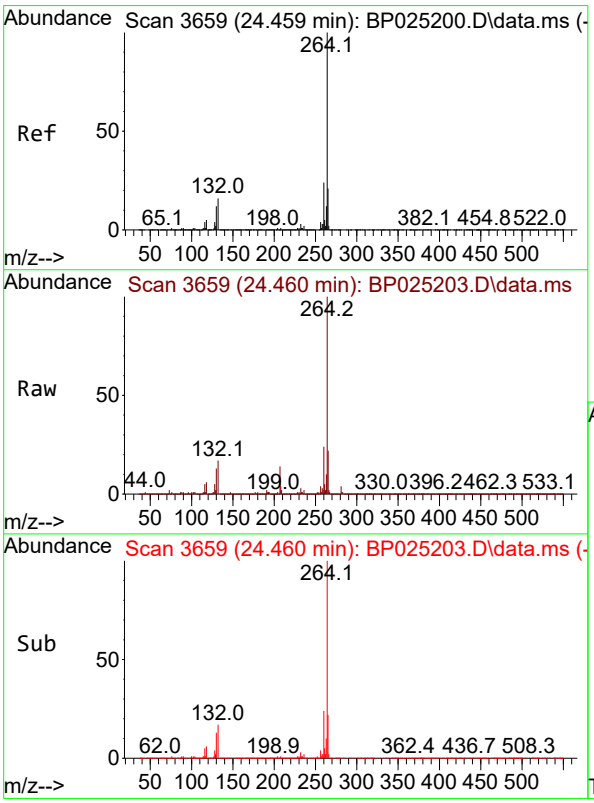
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.3	6.1	9.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

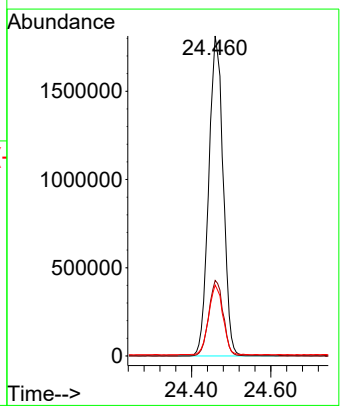
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

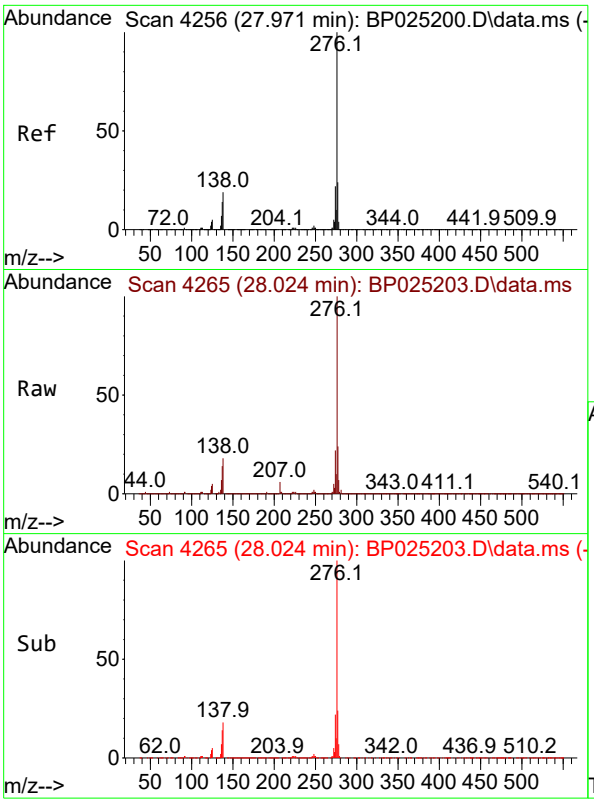


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:264 Resp: 4584448

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.1	17.5	26.3

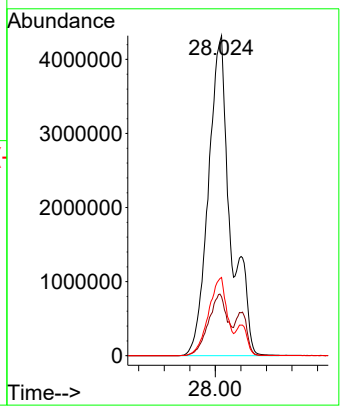




#87
Indeno(1,2,3-cd)pyrene
Concen: 77.120 ng m
RT: 28.024 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:276 Resp:2598946

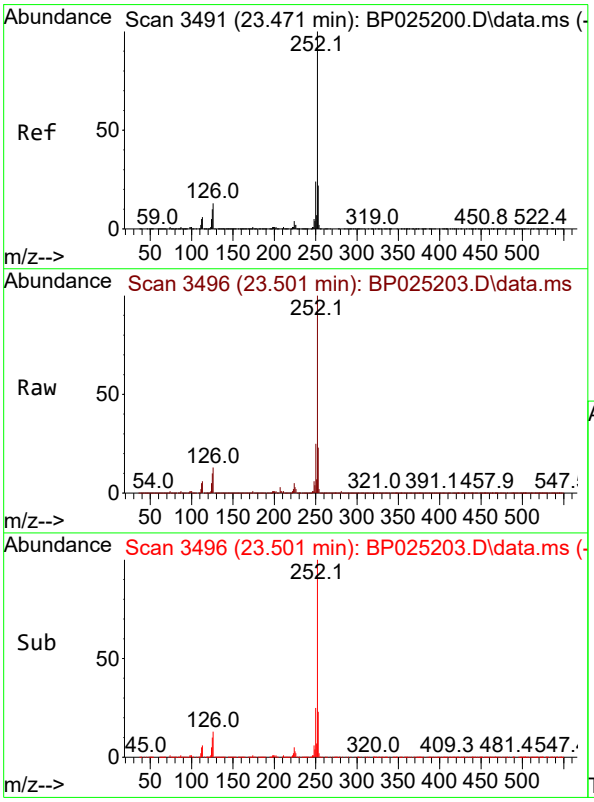
Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.8	19.2
277	20.6	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

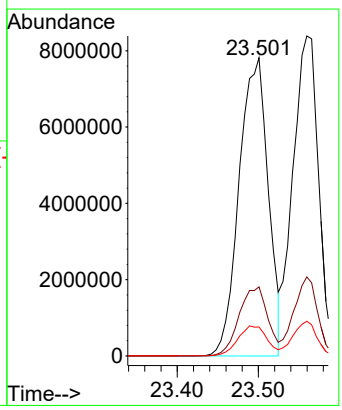
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

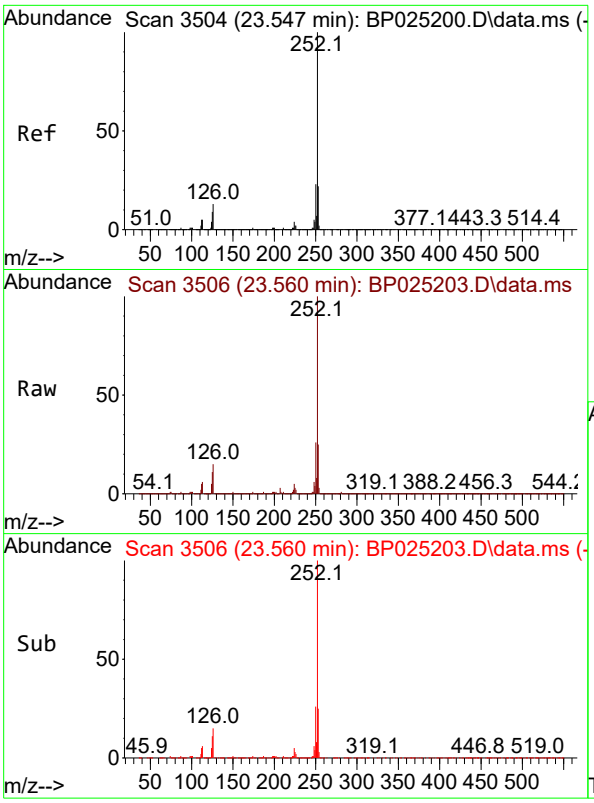


#88
Benzo(b)fluoranthene
Concen: 72.630 ng
RT: 23.501 min Scan# 3496
Delta R.T. 0.030 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19418416

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	9.7	7.8	11.8

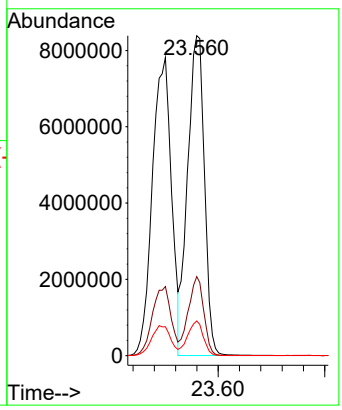




#89
Benzo(k)fluoranthene
Concen: 69.278 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:1838974

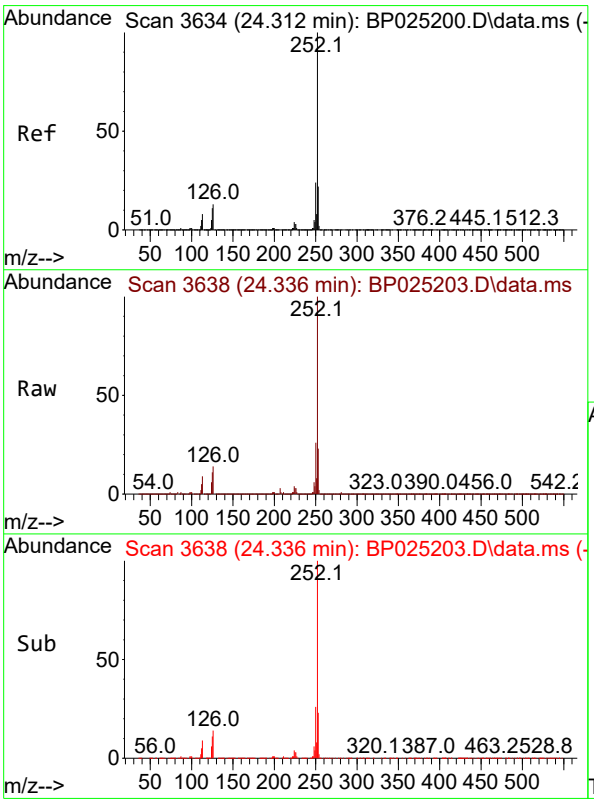
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	10.9	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

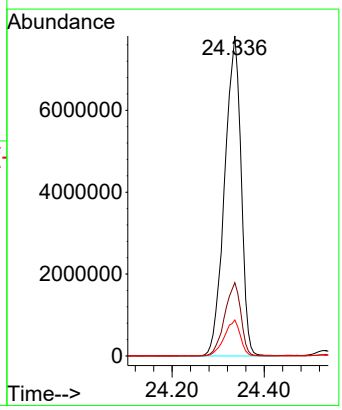
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

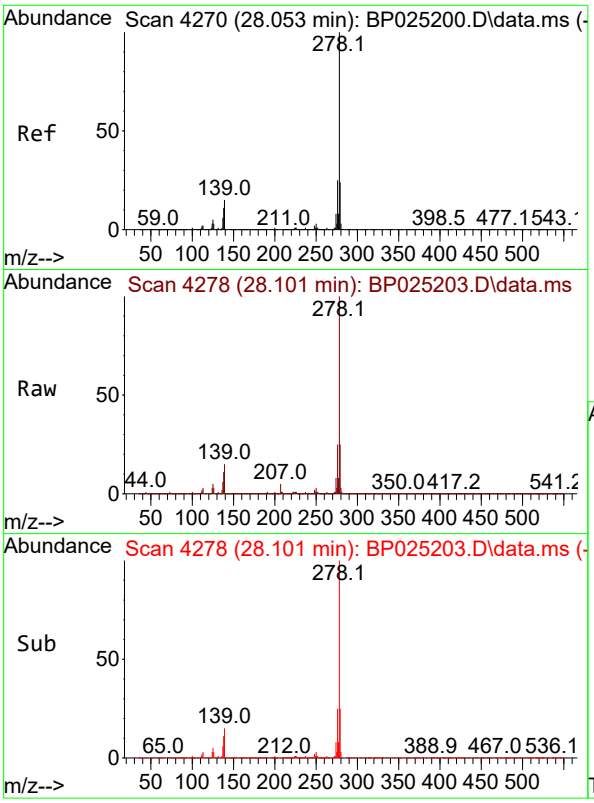


#90
Benzo(a)pyrene
Concen: 74.177 ng
RT: 24.336 min Scan# 3638
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19250934

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.3	8.6	12.8

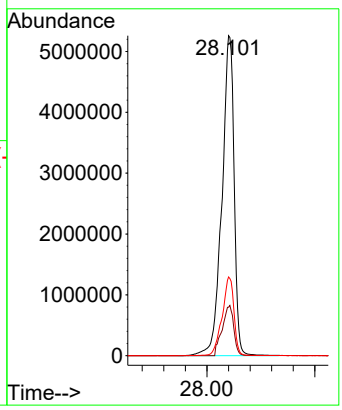




#91
Dibenzo(a,h)anthracene
Concen: 74.852 ng
RT: 28.101 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:278 Resp:2068657

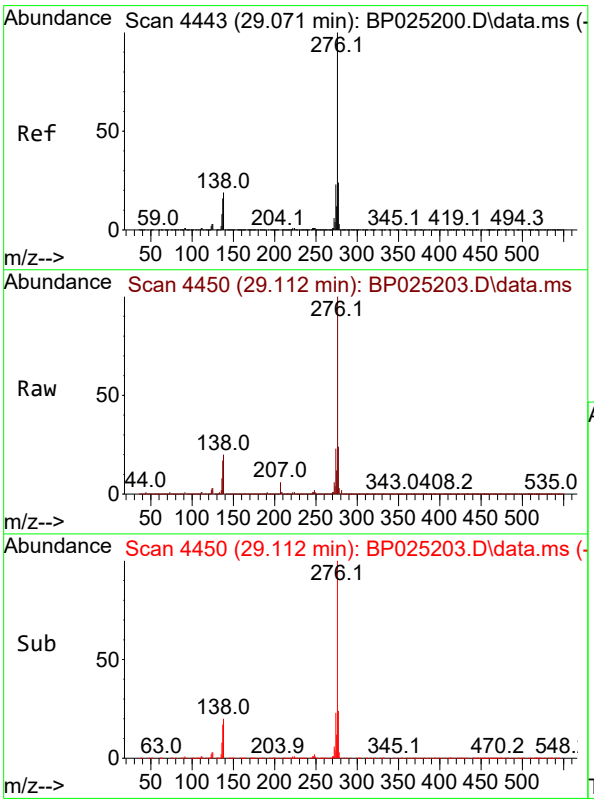
Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	24.6	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

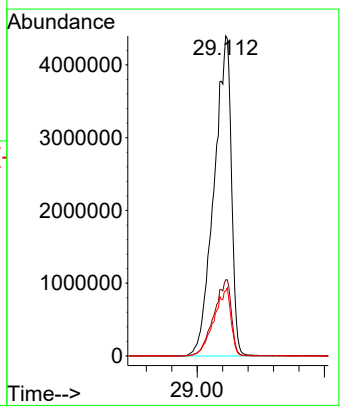
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#92
Benzo(g,h,i)perylene
Concen: 76.871 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.042 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:276 Resp:20810607

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.3	15.4	23.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	524940	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2104576	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1362526	20.000	ng	0.00
64) Phenanthrene-d10	16.890	188	2724423	20.000	ng	0.00
76) Chrysene-d12	21.325	240	2909374	20.000	ng	0.00
86) Perylene-d12	24.454	264	3512838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2638101	84.913	ng	0.00
7) Phenol-d6	6.637	99	3268850	84.951	ng	0.00
23) Nitrobenzene-d5	8.561	82	3013470	79.573	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1738413	86.546	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	7858078	81.308	ng	0.00
79) Terphenyl-d14	19.660	244	11572188	78.518	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	504115	43.294	ng	100
3) Pyridine	3.496	79	1412341	45.312	ng	99
4) n-Nitrosodimethylamine	3.408	42	559588	45.271	ng	99
6) Aniline	6.778	93	2258683	44.906	ng	100
8) 2-Chlorophenol	7.014	128	1592397	45.173	ng	99
9) Benzaldehyde	6.596	77	1084774	41.579	ng	100
10) Phenol	6.661	94	1791500	44.894	ng	98
11) bis(2-Chloroethyl)ether	6.878	93	1378085	45.044	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1775571	44.791	ng	100
13) 1,4-Dichlorobenzene	7.466	146	1799506	44.972	ng	99
14) 1,2-Dichlorobenzene	7.772	146	1732981	45.020	ng	99
15) Benzyl Alcohol	7.672	79	1256245	45.260	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.955	45	1759704	44.953	ng	98
17) 2-Methylphenol	7.878	107	1255605	45.385	ng	99
18) Hexachloroethane	8.484	117	622156	45.213	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	1056083	45.622	ng	99
20) 3+4-Methylphenols	8.196	107	1707787	45.254	ng	99
22) Acetophenone	8.243	105	2254711	46.041	ng	100
24) Nitrobenzene	8.608	77	1559201	46.187	ng	98
25) Isophorone	9.131	82	3018090	45.319	ng	100
26) 2-Nitrophenol	9.308	139	897017	46.272	ng	98
27) 2,4-Dimethylphenol	9.384	122	1483657	45.737	ng	100
28) bis(2-Chloroethoxy)met...	9.608	93	1895452	45.503	ng	99
29) 2,4-Dichlorophenol	9.831	162	1520412	45.622	ng	99
30) 1,2,4-Trichlorobenzene	10.049	180	1637469	44.986	ng	99
31) Naphthalene	10.219	128	4820314	44.759	ng	100
32) Benzoic acid	9.525	122	1168950	47.203	ng	98
33) 4-Chloroaniline	10.337	127	2150538	45.428	ng	99
34) Hexachlorobutadiene	10.525	225	972292	44.380	ng	98
35) Caprolactam	11.131	113	502072	45.393	ng	97
36) 4-Chloro-3-methylphenol	11.484	107	1529350	45.907	ng	99
37) 2-Methylnaphthalene	11.855	142	3102963	44.372	ng	100
38) 1-Methylnaphthalene	12.078	142	3312609	45.095	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1867529	45.726	ng	100
41) Hexachlorocyclopentadiene	12.219	237	1182850	48.517	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	1271588	45.567	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1384362	45.080	ng	99
46) 1,1'-Biphenyl	12.896	154	4485894	45.416	ng	100
47) 2-Chloronaphthalene	12.931	162	3474901	45.062	ng	100
48) 2-Nitroaniline	13.143	65	909354	46.176	ng	98
49) Acenaphthylene	13.796	152	5754979	46.141	ng	100
50) Dimethylphthalate	13.543	163	4360923	44.753	ng	99
51) 2,6-Dinitrotoluene	13.654	165	978826	46.230	ng	99
52) Acenaphthene	14.154	154	3282137	45.507	ng	99
53) 3-Nitroaniline	13.984	138	1096681	45.931	ng	96
54) 2,4-Dinitrophenol	14.196	184	586989	46.791	ng	98
55) Dibenzofuran	14.496	168	5343820	45.869	ng	99
56) 4-Nitrophenol	14.313	139	944675	46.237	ng	97
57) 2,4-Dinitrotoluene	14.460	165	1390893	46.930	ng	95
58) Fluorene	15.154	166	4240752	45.851	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1243197	45.744	ng	100
60) Diethylphthalate	14.948	149	4306867	44.844	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	2117148	45.300	ng	99
62) 4-Nitroaniline	15.178	138	1122038	46.208	ng	99
63) Azobenzene	15.454	77	3579445	45.735	ng	99
65) 4,6-Dinitro-2-methylph...	15.248	198	820280	46.654	ng	100
66) n-Nitrosodiphenylamine	15.372	169	3726776	45.067	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1399658	44.020	ng	97
68) Hexachlorobenzene	16.190	284	1692331	44.819	ng	95
69) Atrazine	16.378	200	1395157	45.593	ng	98
70) Pentachlorophenol	16.543	266	1172182	45.651	ng	99
71) Phenanthrene	16.937	178	6708617	45.655	ng	100
72) Anthracene	17.042	178	6800703	45.942	ng	100
73) Carbazole	17.319	167	6461345	45.725	ng	100
74) Di-n-butylphthalate	17.937	149	7668085	47.030	ng	100
75) Fluoranthene	19.036	202	8016191	46.353	ng	100
77) Benzidine	19.254	184	5103974	49.969	ng	99
78) Pyrene	19.419	202	8280087	46.157	ng	99
80) Butylbenzylphthalate	20.407	149	3669353	45.188	ng	97
81) Benzo(a)anthracene	21.307	228	8225034	44.767	ng	99
82) 3,3'-Dichlorobenzidine	21.248	252	3492411	45.857	ng	99
83) Chrysene	21.372	228	7810320	45.539	ng	99
84) Bis(2-ethylhexyl)phtha...	21.289	149	5264917	45.344	ng	99
85) Di-n-octyl phthalate	22.501	149	9383339	46.799	ng	100
87) Indeno(1,2,3-cd)pyrene	27.983	276	11490241m	44.760	ng	
88) Benzo(b)fluoranthene	23.483	252	8937938	44.450	ng	100
89) Benzo(k)fluoranthene	23.548	252	8873357	44.700	ng	100
90) Benzo(a)pyrene	24.324	252	8836252	45.040	ng	100
91) Dibenzo(a,h)anthracene	28.054	278	9396843	44.867	ng	99
92) Benzo(g,h,i)perylene	29.077	276	9117542	44.298	ng	98

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

ICAL Form

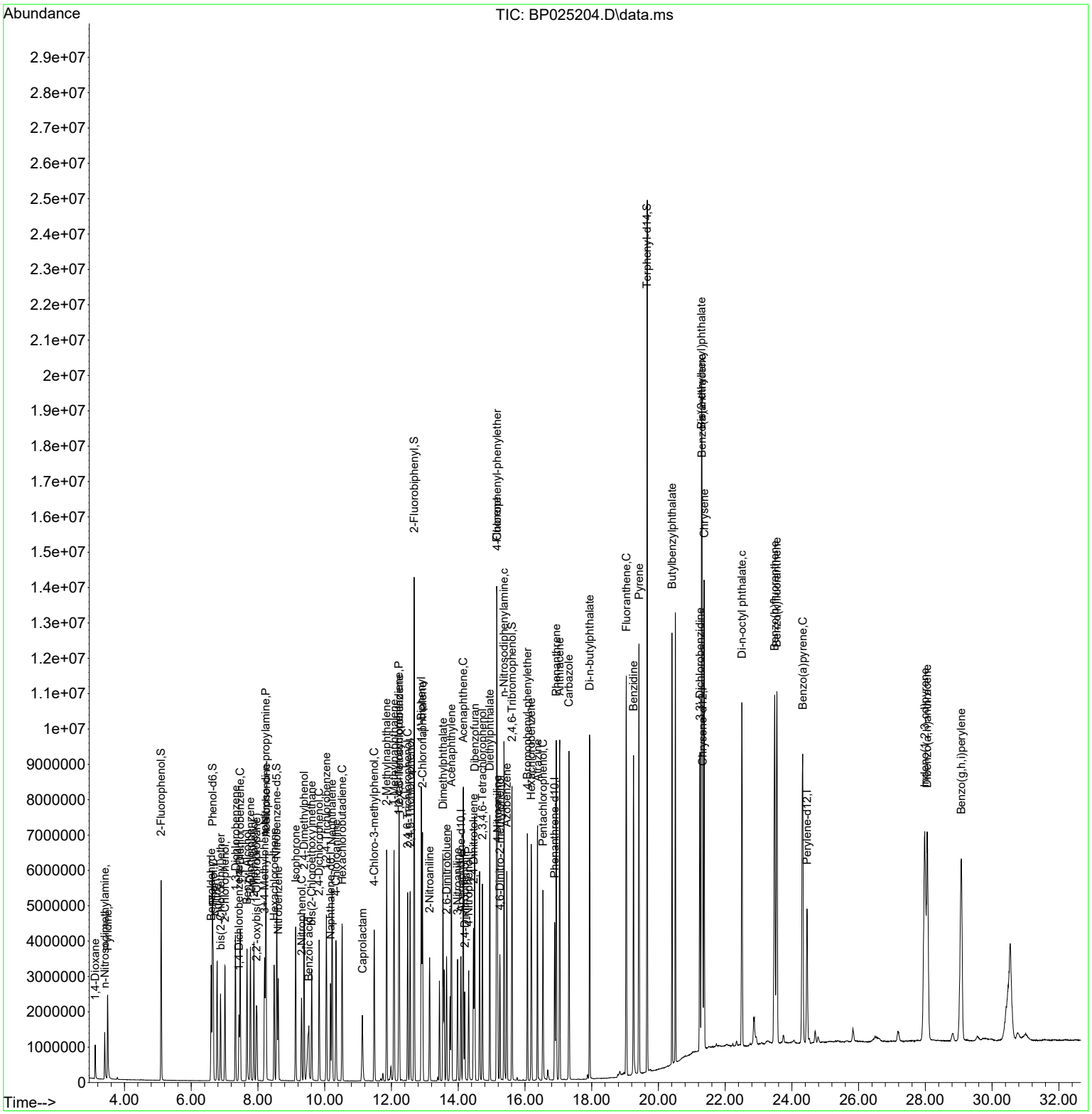
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Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

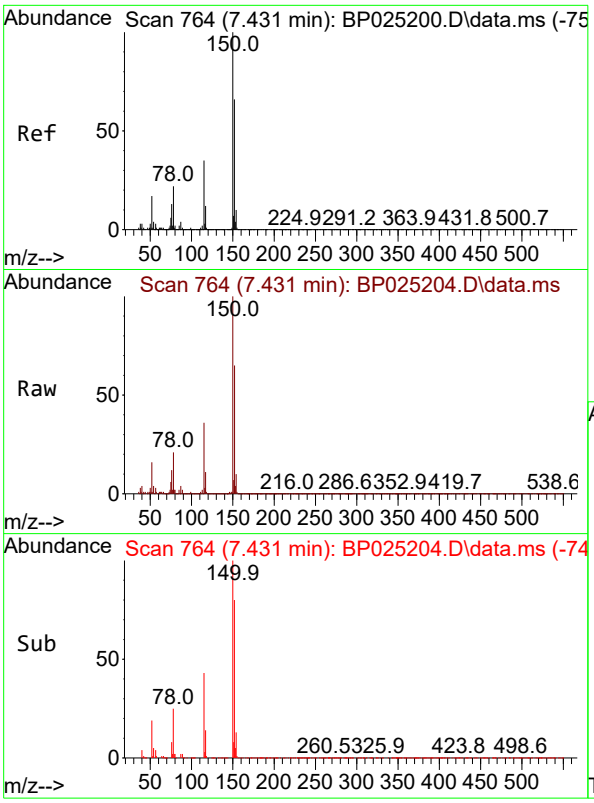
Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

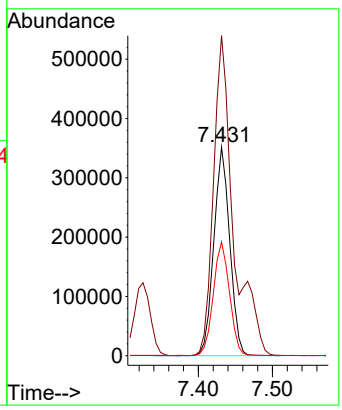




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:152 Resp: 52494

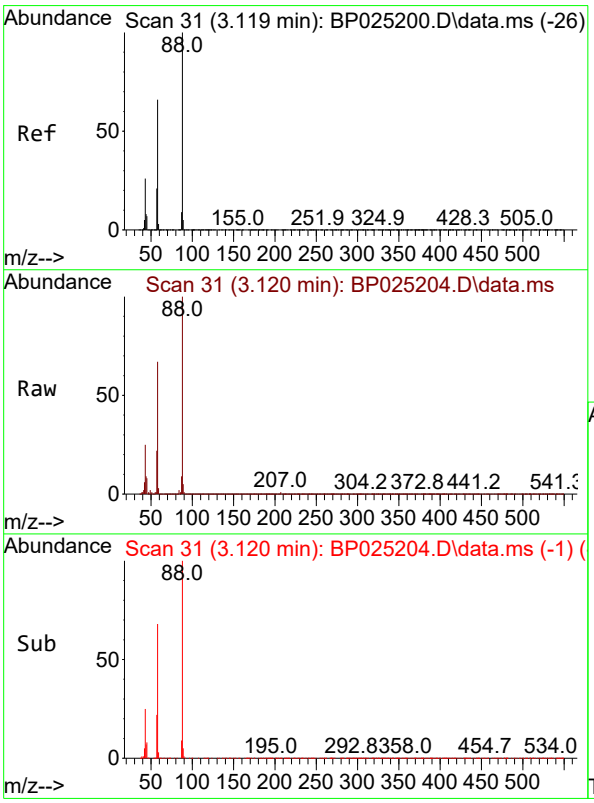
Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.9	182.9
115	54.5	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

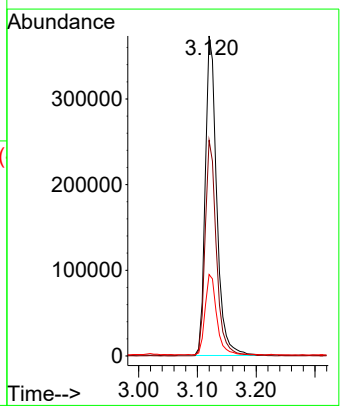
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

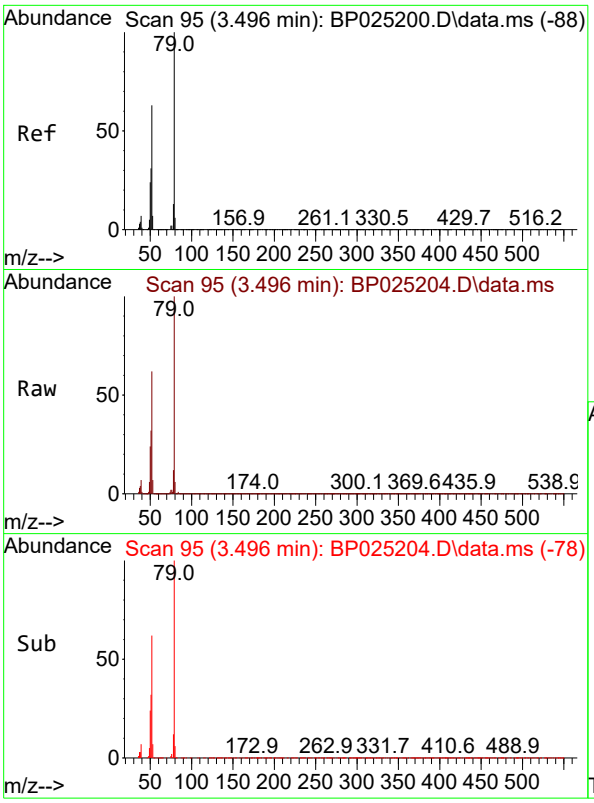


#2
1,4-Dioxane
Concen: 43.294 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 88 Resp: 504115

Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.5	80.3
43	26.0	20.8	31.2

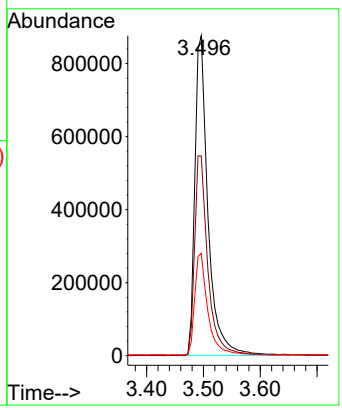




#3
Pyridine
Concen: 45.312 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 79 Resp: 141234

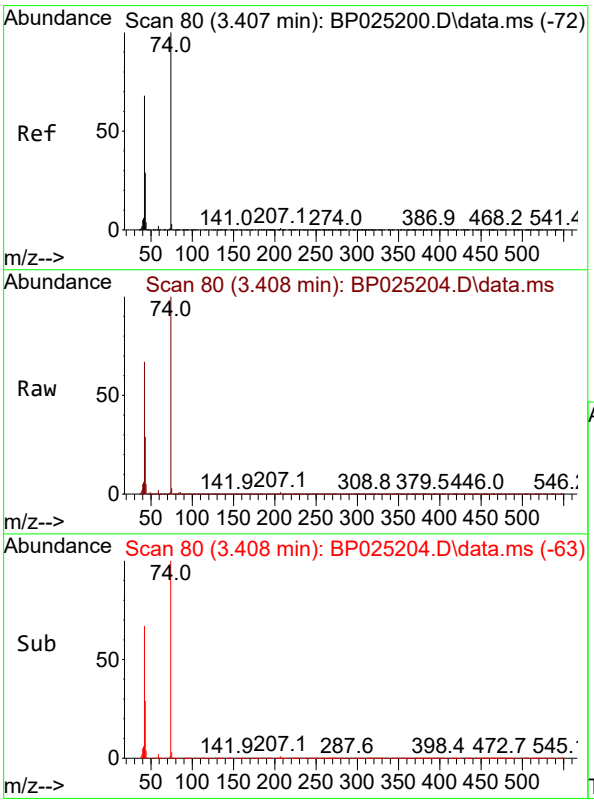
Ion	Ratio	Lower	Upper
79	100		
52	62.4	50.2	75.4
51	32.0	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

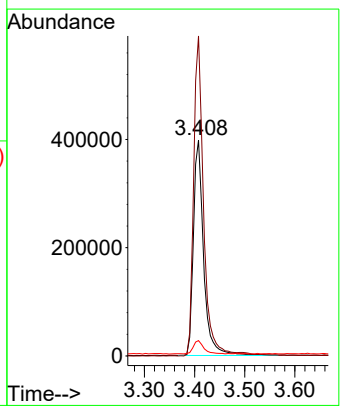
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

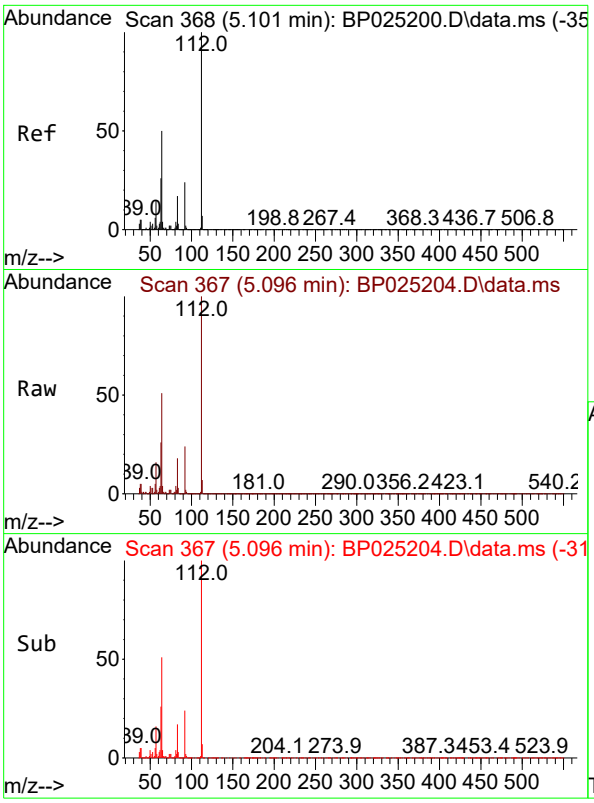


#4
n-Nitrosodimethylamine
Concen: 45.271 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 42 Resp: 559588

Ion	Ratio	Lower	Upper
42	100		
74	148.2	118.0	177.0
44	7.1	5.5	8.3





#5
2-Fluorophenol
Concen: 84.913 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

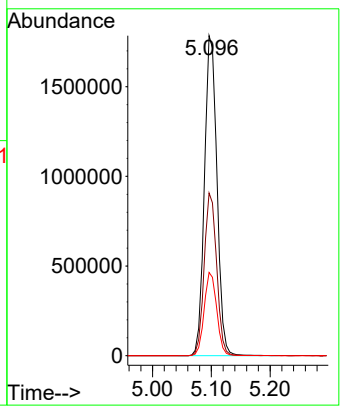
Tgt Ion:112 Resp: 263810

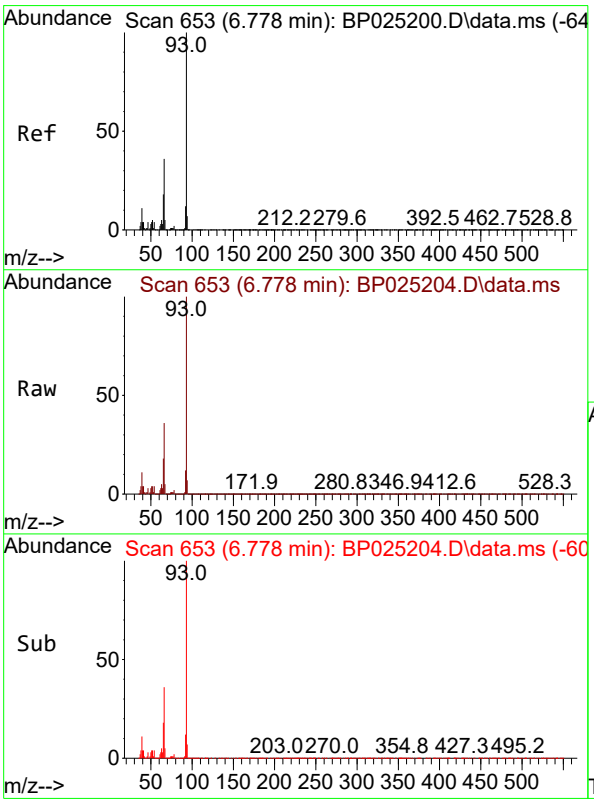
Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.8	59.6
63	26.0	20.5	30.7

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

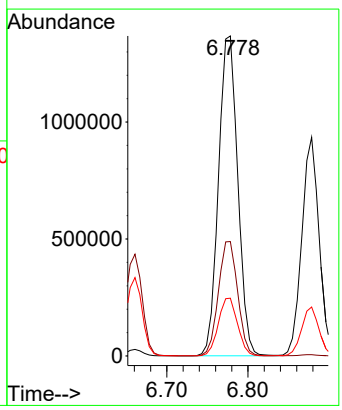


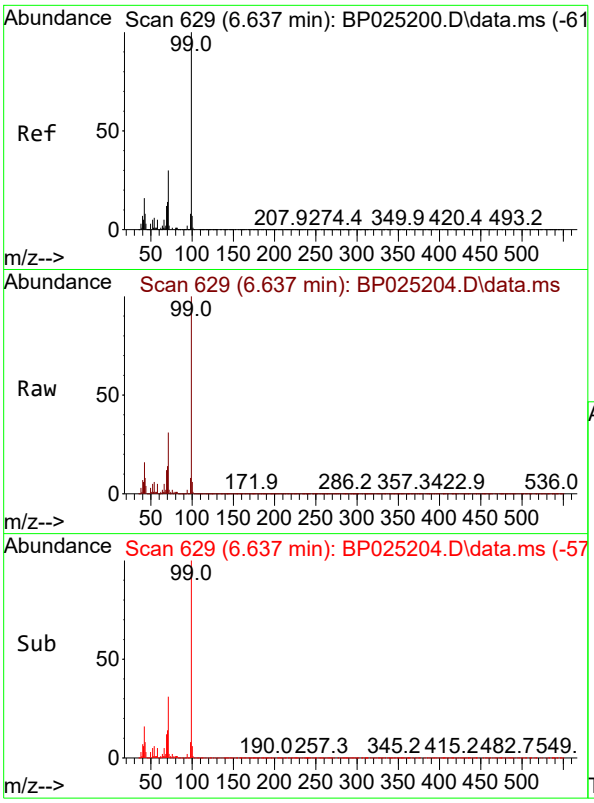


#6
Aniline
Concen: 44.906 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 2258683

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.0	14.6	21.8

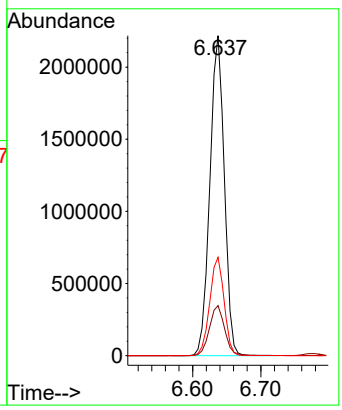




#7
Phenol-d6
Concen: 84.951 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 99 Resp: 326885

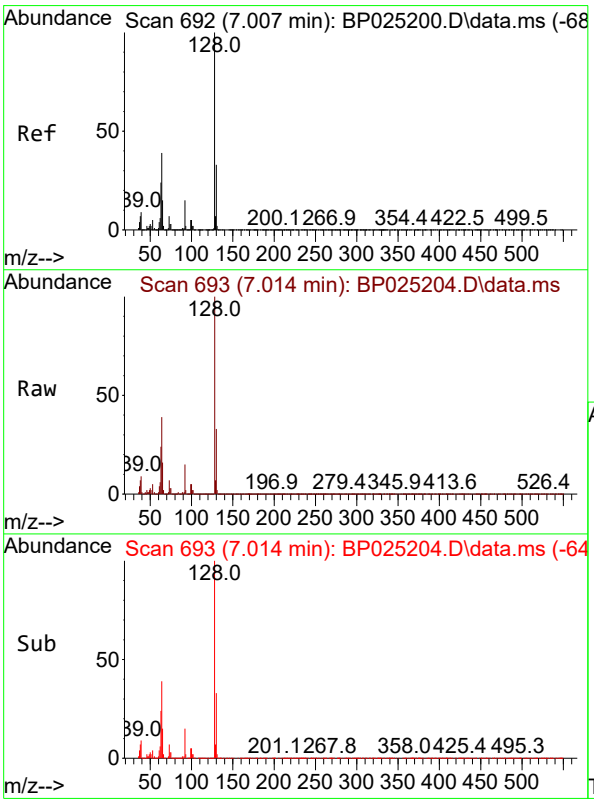
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.8	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

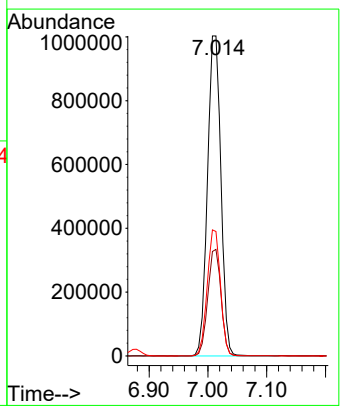
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

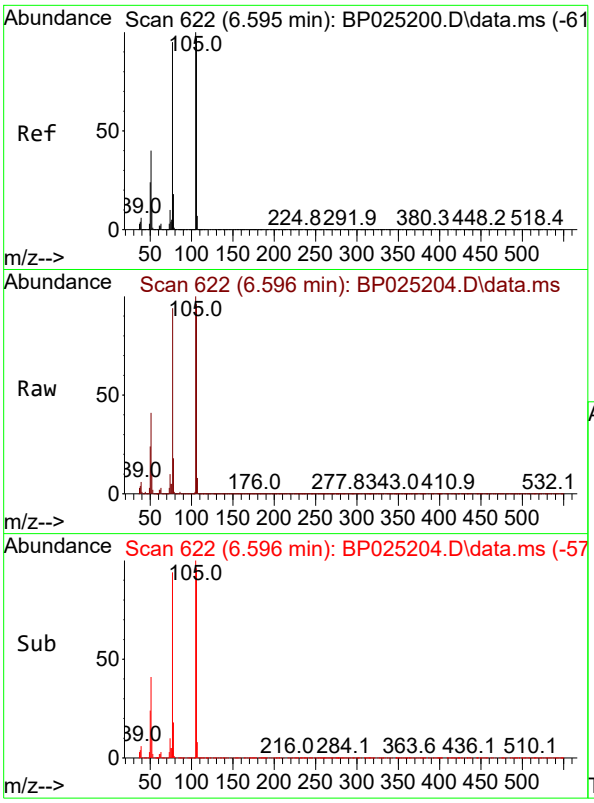


#8
2-Chlorophenol
Concen: 45.173 ng
RT: 7.014 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:128 Resp: 1592397

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	38.9	19.2	59.2

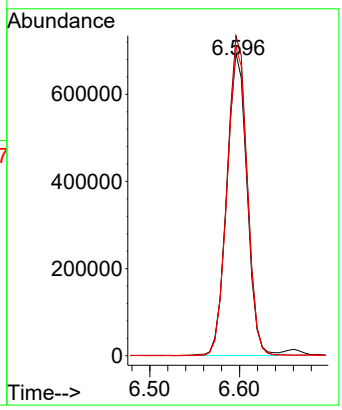




#9
Benzaldehyde
Concen: 41.579 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 108477

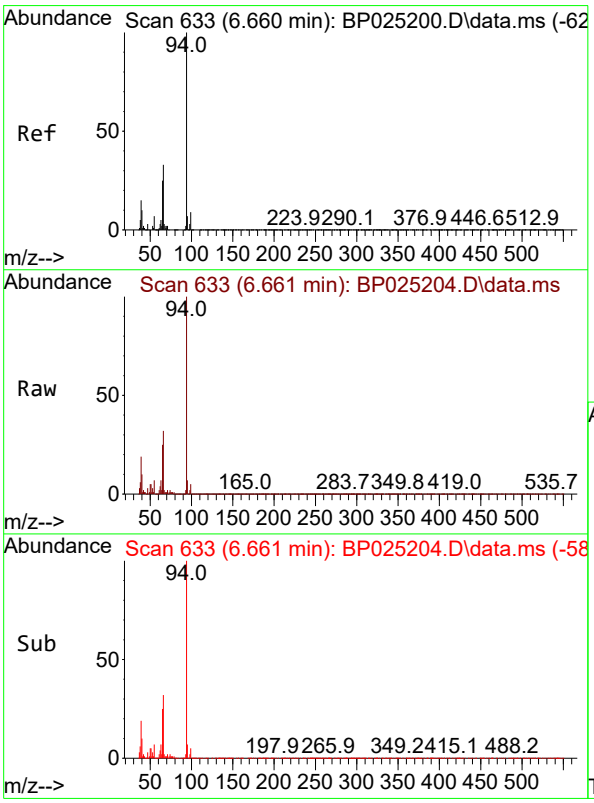
Ion	Ratio	Lower	Upper
77	100		
105	105.8	85.5	125.5
106	102.1	81.9	121.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

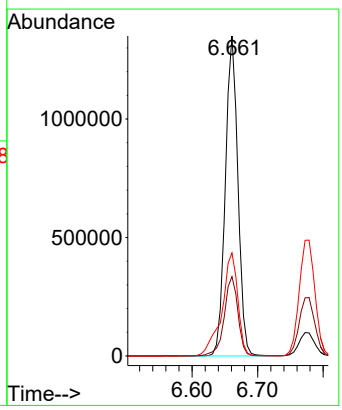
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

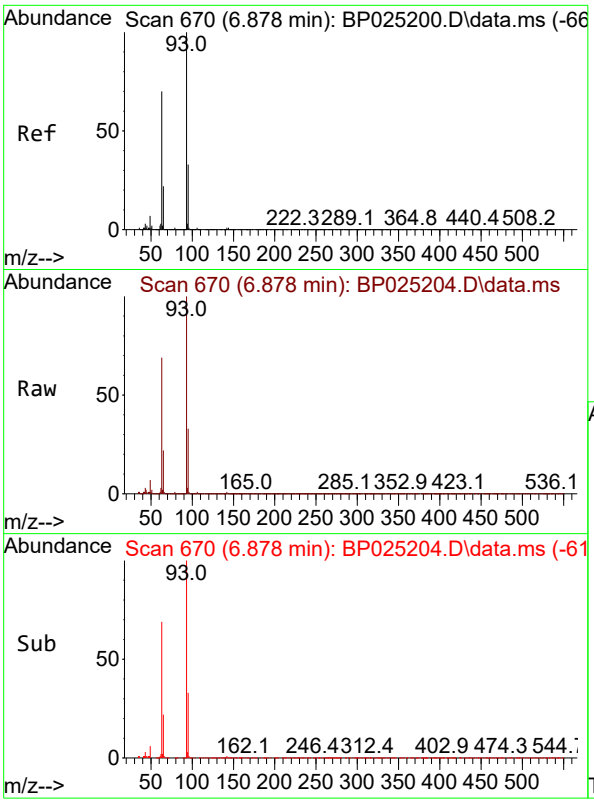


#10
Phenol
Concen: 44.894 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 94 Resp: 1791500

Ion	Ratio	Lower	Upper
94	100		
65	24.8	5.4	45.4
66	32.2	13.5	53.5





#11
bis(2-Chloroethyl)ether
Concen: 45.044 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

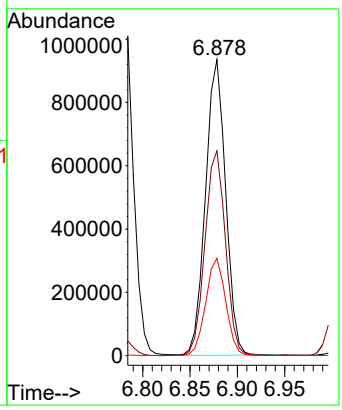
Tgt Ion: 93 Resp: 137808

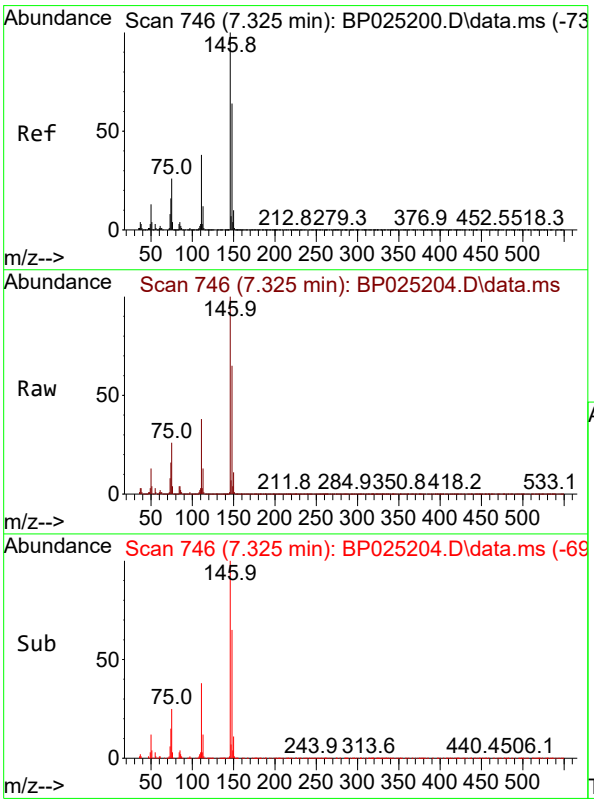
Ion	Ratio	Lower	Upper
93	100		
63	69.2	50.0	90.0
95	32.9	12.9	52.9

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

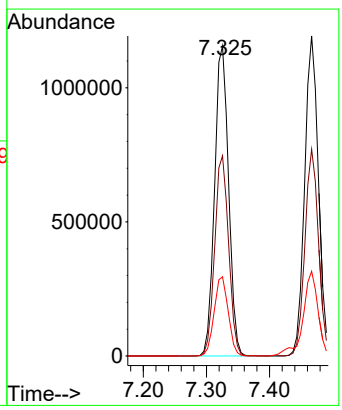


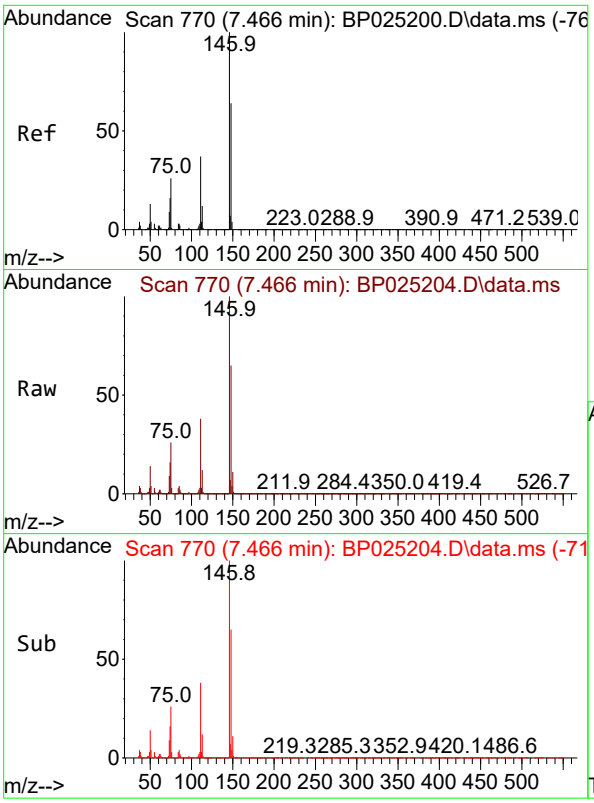


#12
1,3-Dichlorobenzene
Concen: 44.791 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1775571

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
75	25.6	20.6	31.0

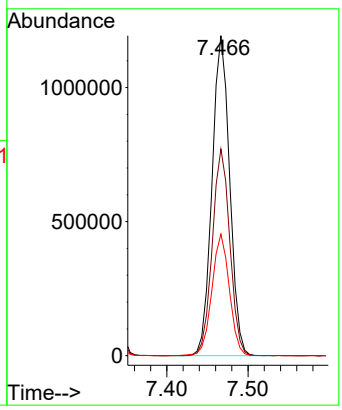




#13
1,4-Dichlorobenzene
Concen: 44.972 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 179950

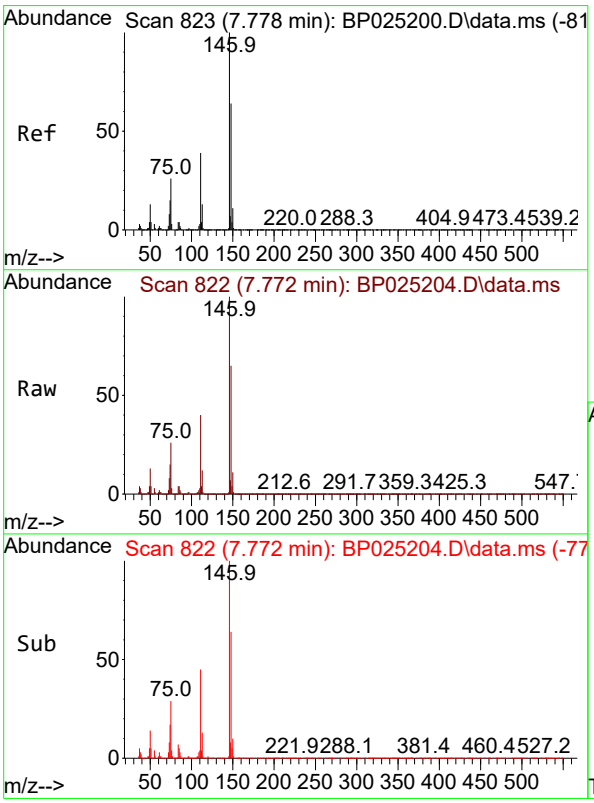
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	38.0	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

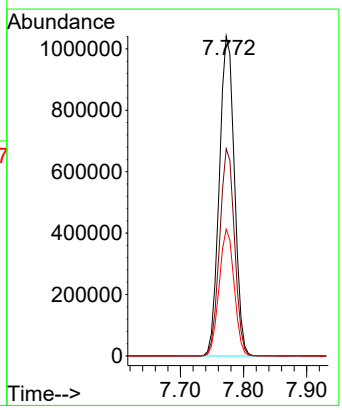
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

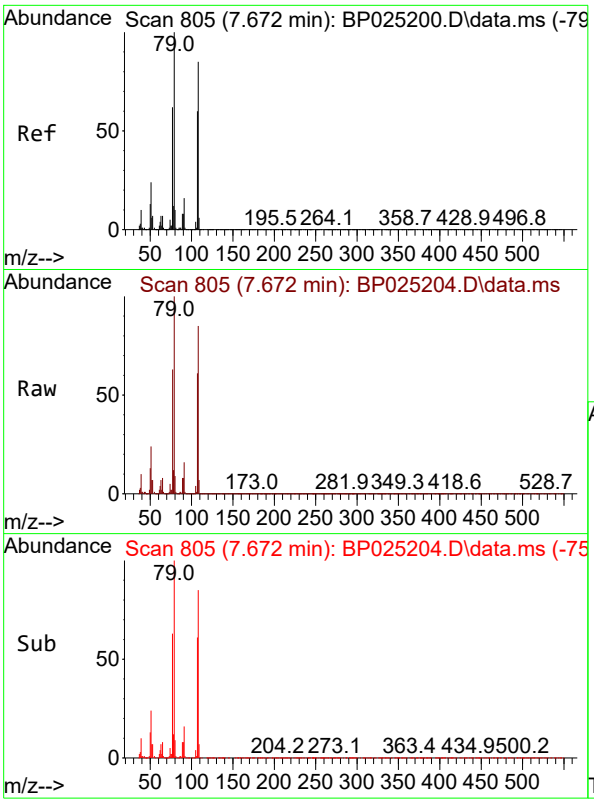


#14
1,2-Dichlorobenzene
Concen: 45.020 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1732981

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	39.6	31.3	46.9

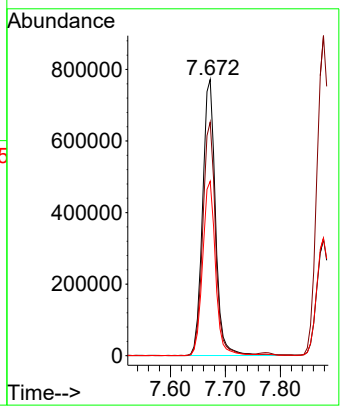




#15
Benzyl Alcohol
Concen: 45.260 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 79 Resp: 125624

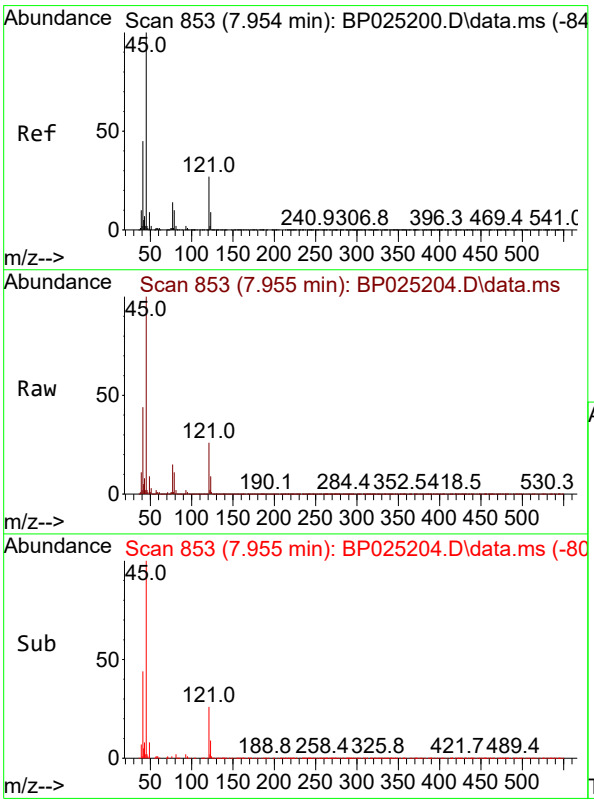
Ion	Ratio	Lower	Upper
79	100		
108	84.6	67.8	101.6
77	63.1	49.9	74.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

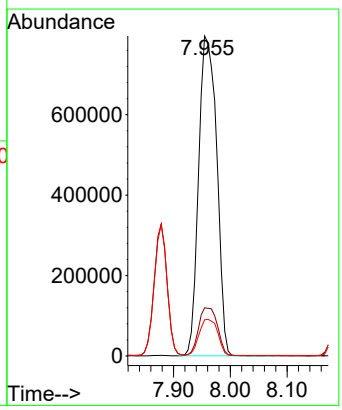
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

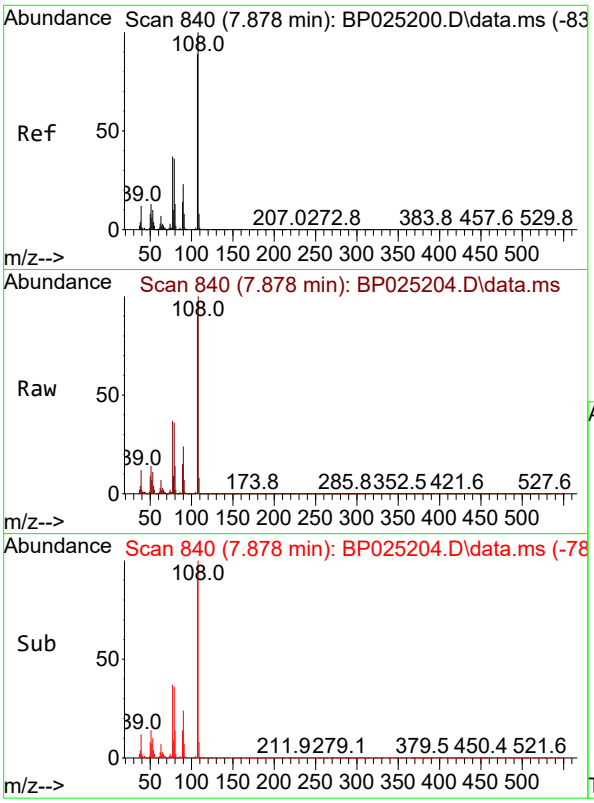


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.953 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 45 Resp: 1759704

Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	36.0
79	11.3	0.0	31.7

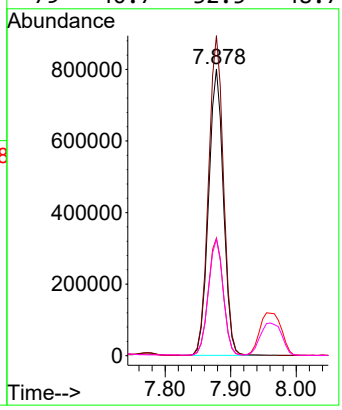




#17
2-Methylphenol
Concen: 45.385 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 125560

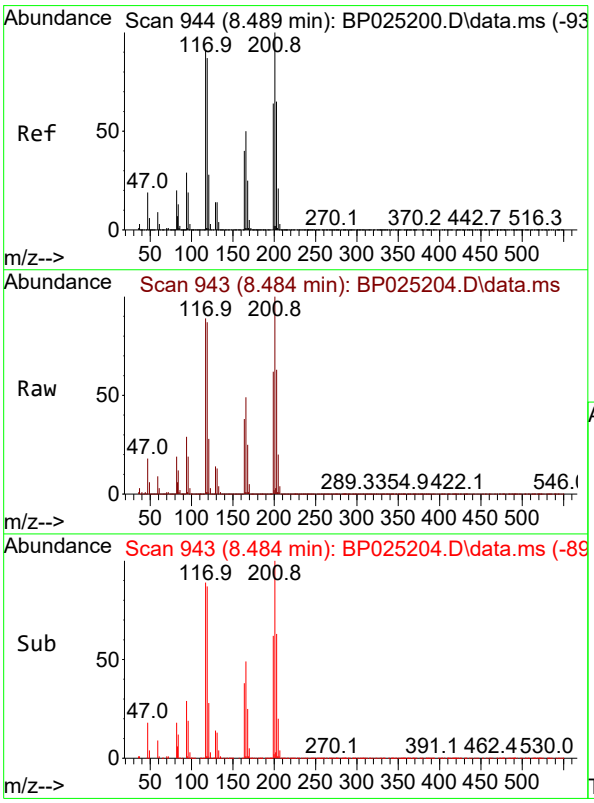
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.8	134.8
77	41.0	33.2	49.8
79	40.7	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

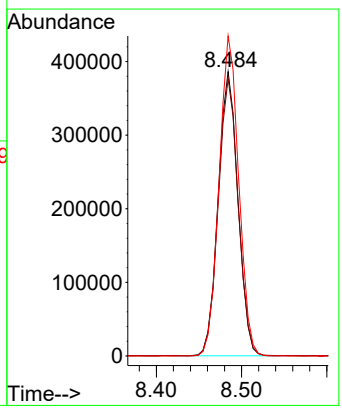
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

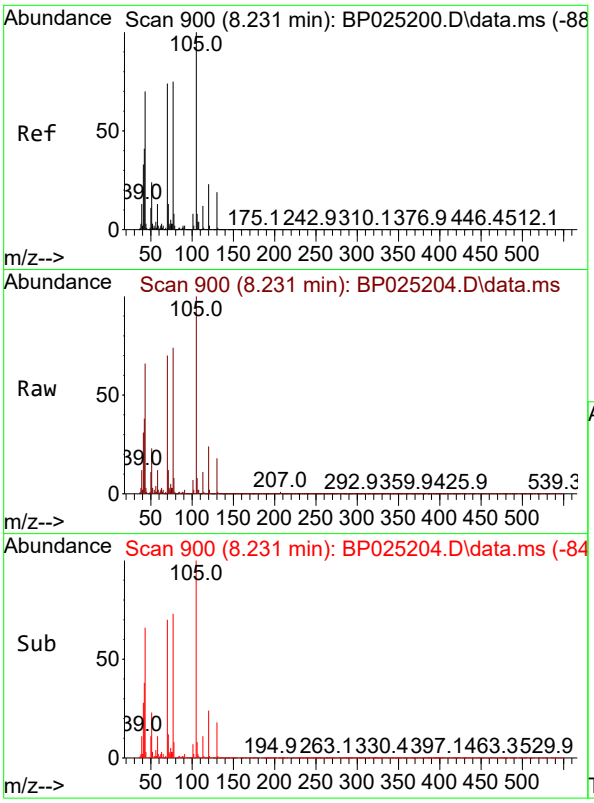


#18
Hexachloroethane
Concen: 45.213 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:117 Resp: 622156

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.6
201	112.5	88.3	132.5

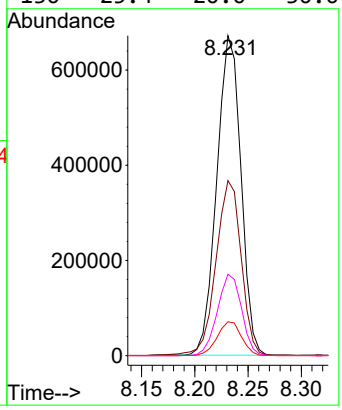




#19
n-Nitroso-di-n-propylamine
Concen: 45.622 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 70 Resp: 105608

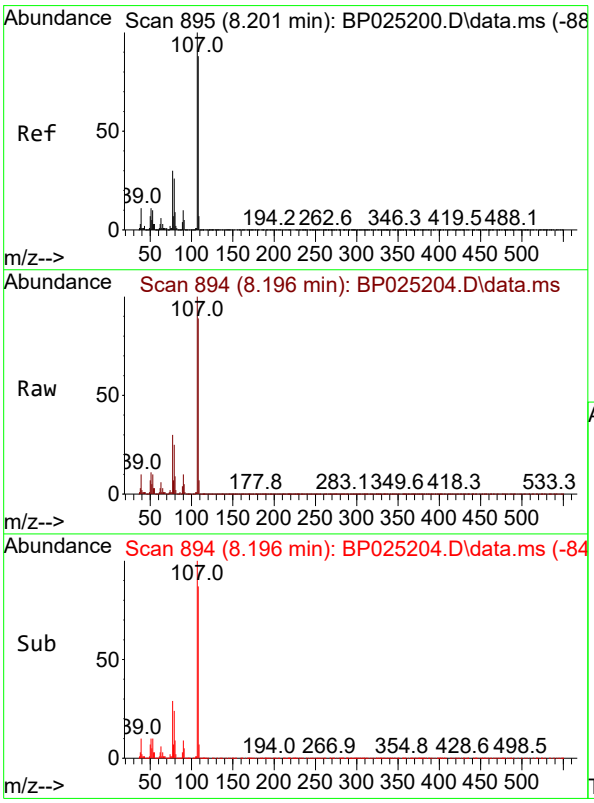
Ion	Ratio	Lower	Upper
70	100		
42	54.7	44.2	66.2
101	10.6	8.6	12.8
130	25.4	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

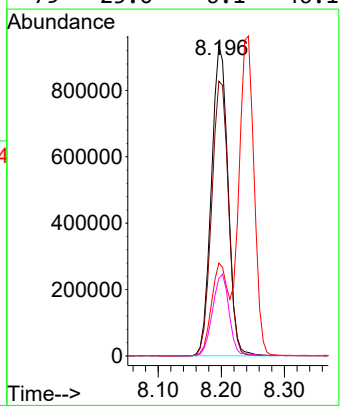
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

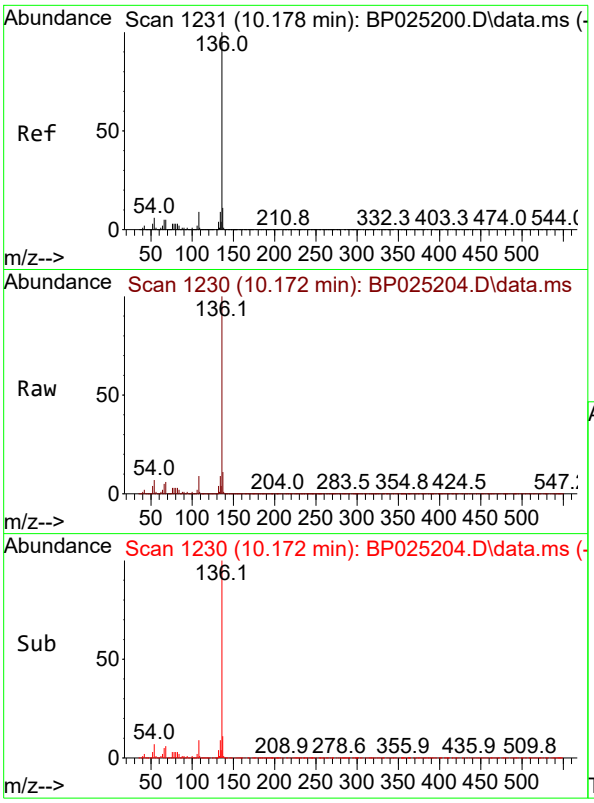


#20
3+4-Methylphenols
Concen: 45.254 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1707787

Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.8	107.8
77	29.9	10.3	50.3
79	25.0	6.1	46.1

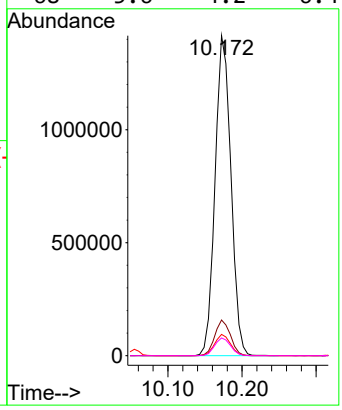




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:136 Resp: 210457

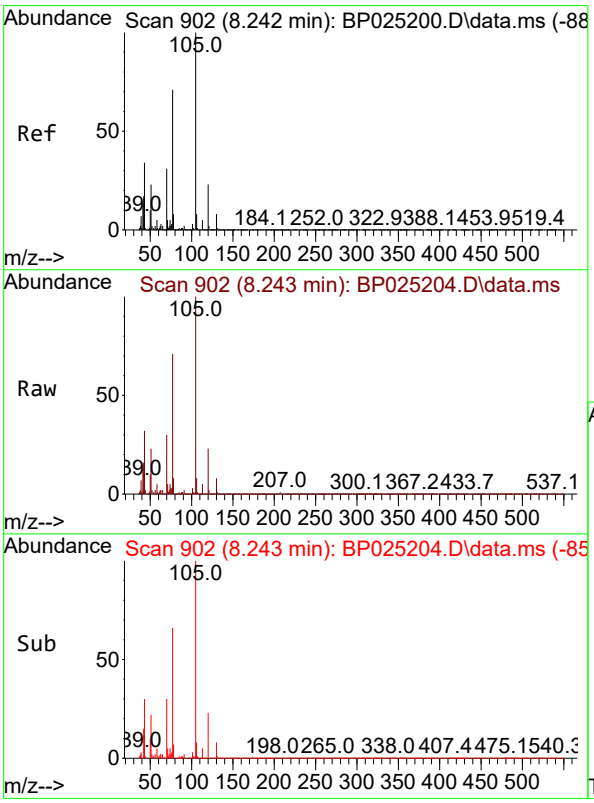
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.6	5.1	7.7
68	5.6	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

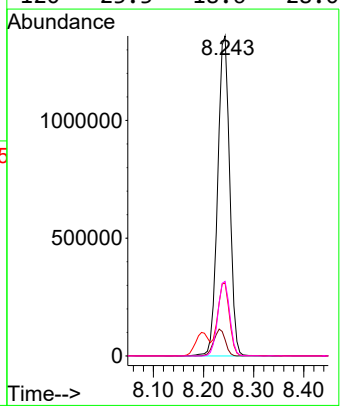
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

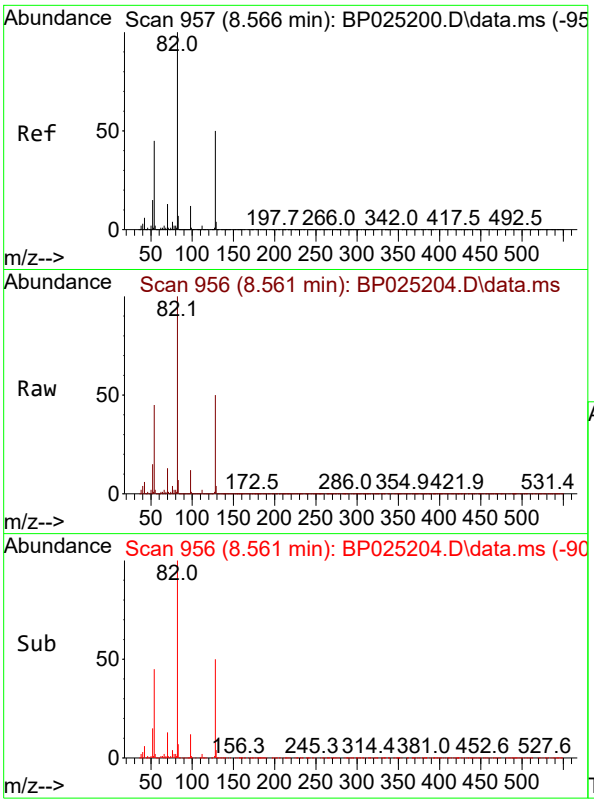


#22
Acetophenone
Concen: 46.041 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:105 Resp: 2254711

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.1	6.1
51	22.8	18.5	27.7
120	23.3	18.6	28.0

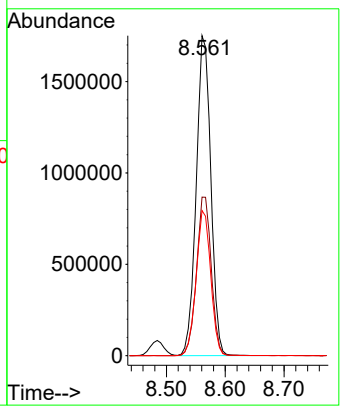




#23
Nitrobenzene-d5
Concen: 79.573 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 82 Resp: 301347

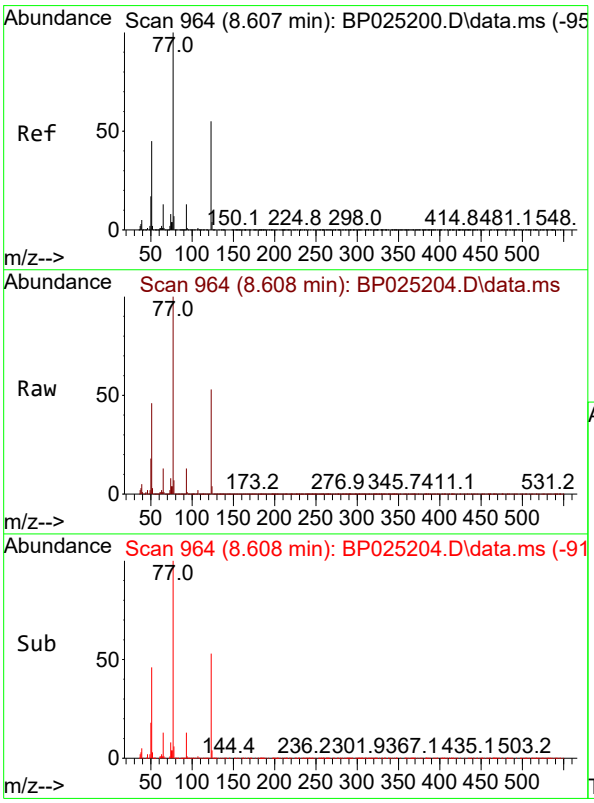
Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.2	60.4
54	45.4	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

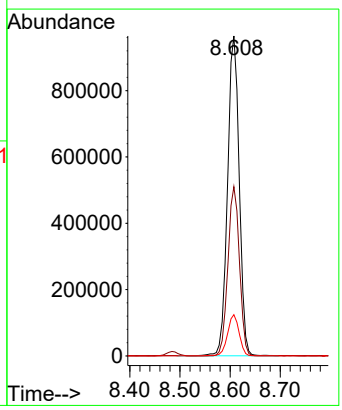
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

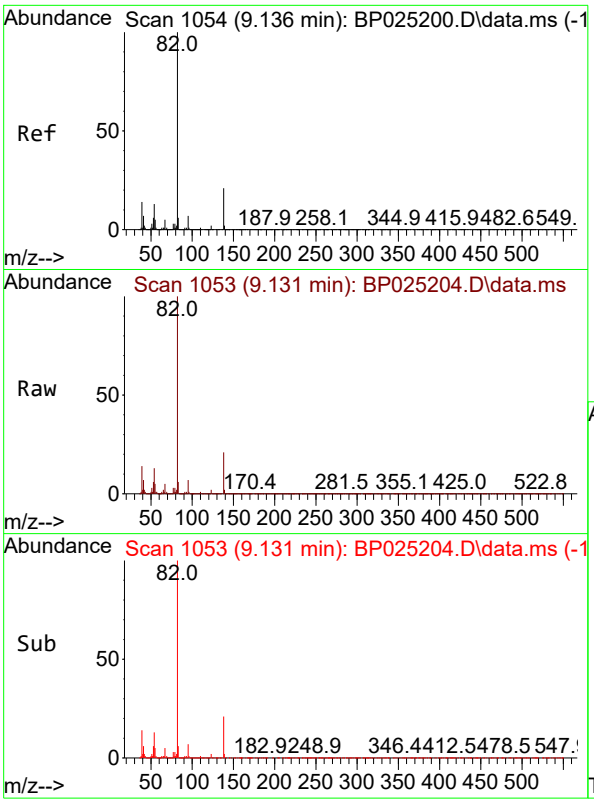


#24
Nitrobenzene
Concen: 46.187 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 1559201

Ion	Ratio	Lower	Upper
77	100		
123	52.9	43.6	65.4
65	12.9	10.2	15.2

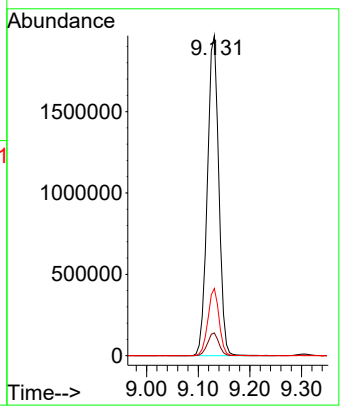




#25
Isophorone
Concen: 45.319 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 82 Resp: 301809

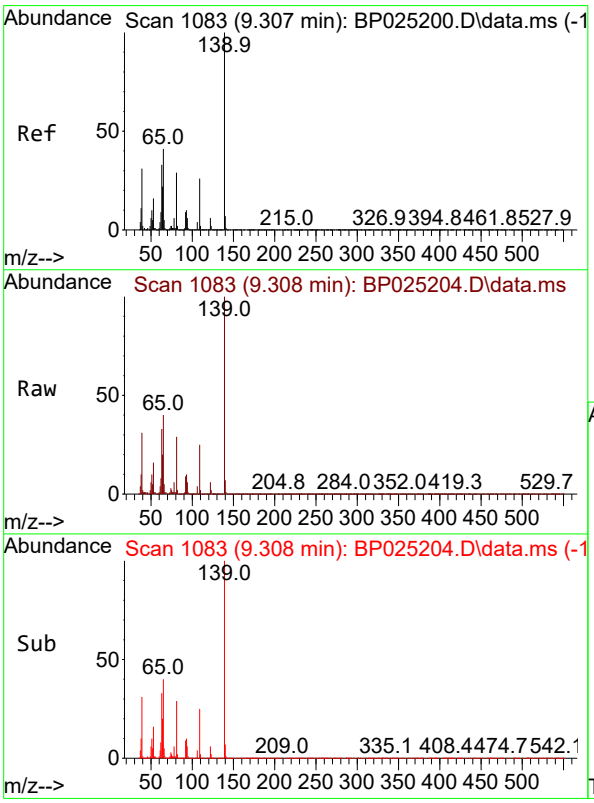
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	21.0	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

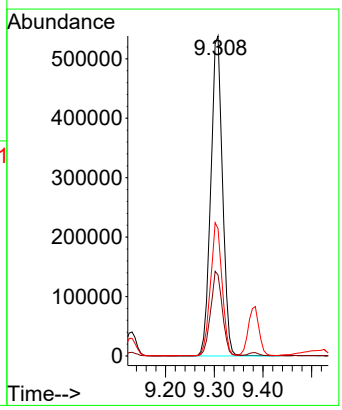
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

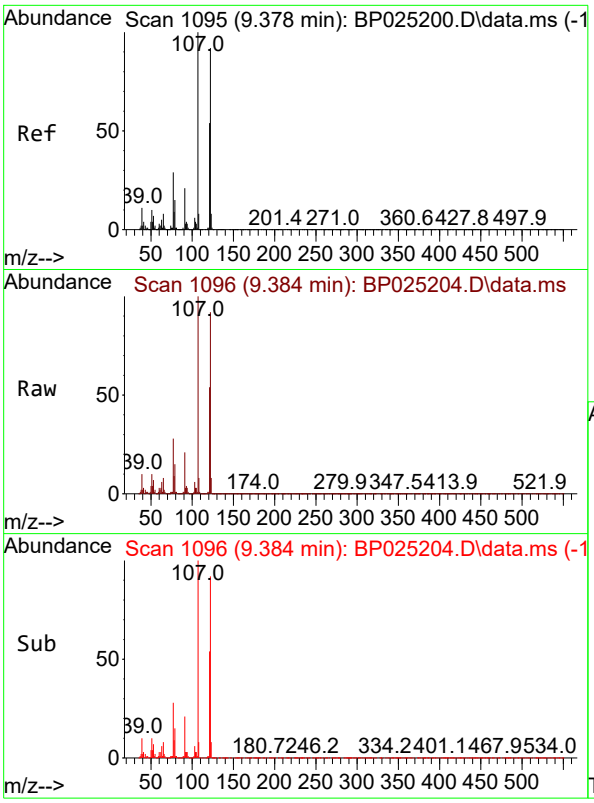


#26
2-Nitrophenol
Concen: 46.272 ng
RT: 9.308 min Scan# 1083
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 897017

Ion	Ratio	Lower	Upper
139	100		
109	25.3	21.0	31.6
65	39.8	32.7	49.1

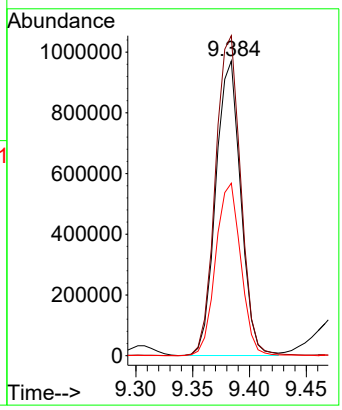




#27
2,4-Dimethylphenol
Concen: 45.737 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:122 Resp: 148365

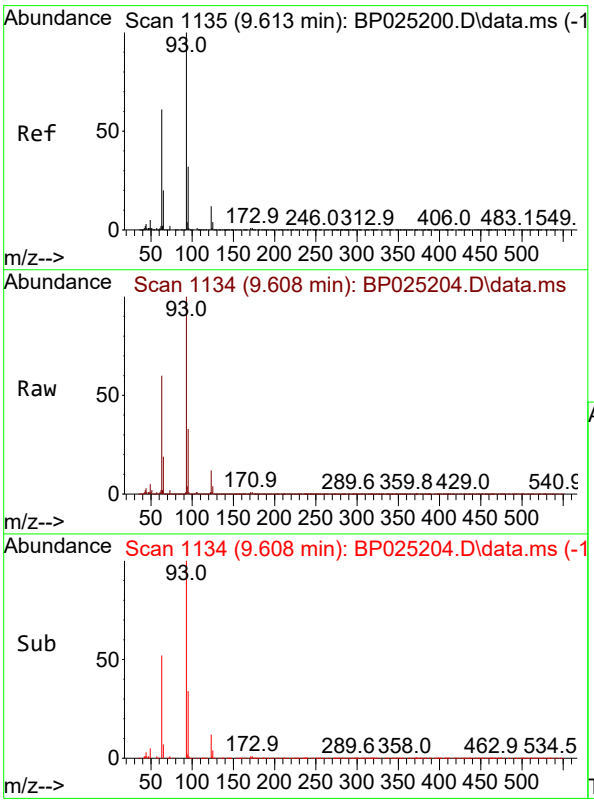
Ion	Ratio	Lower	Upper
122	100		
107	108.6	87.0	130.4
121	58.5	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

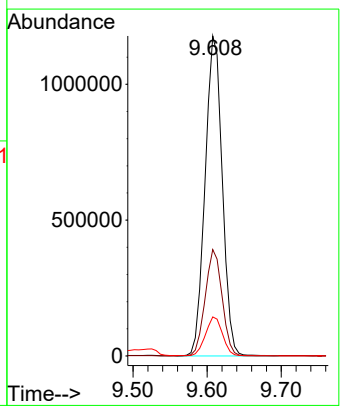
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

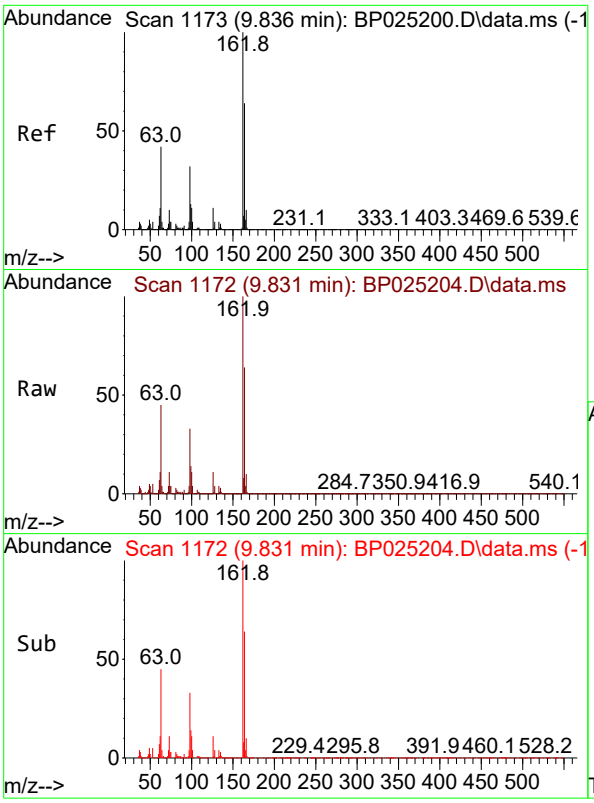


#28
bis(2-Chloroethoxy)methane
Concen: 45.503 ng
RT: 9.608 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 1895452

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	12.2	9.8	14.6

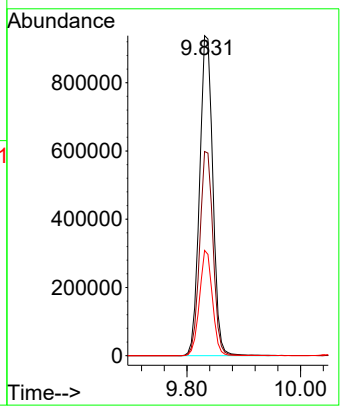




#29
2,4-Dichlorophenol
Concen: 45.622 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:162 Resp: 152041

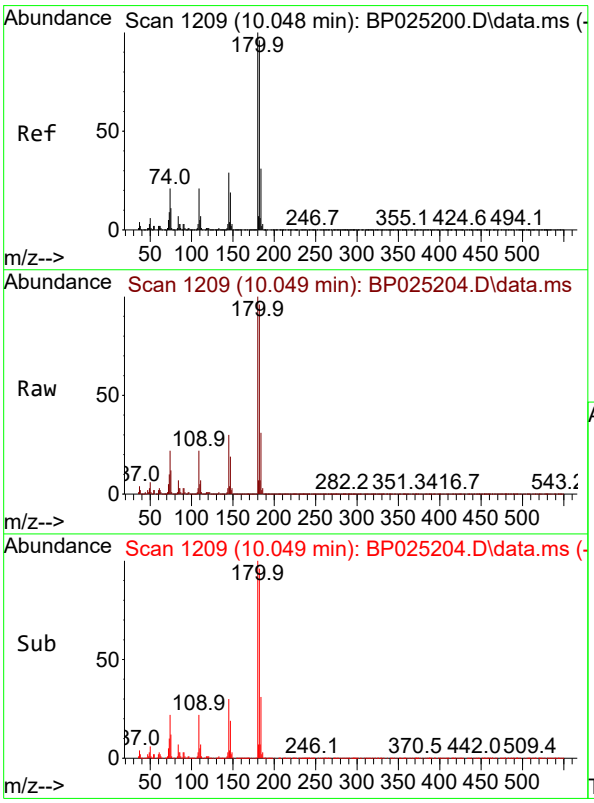
Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.2	84.2
98	32.9	11.7	51.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

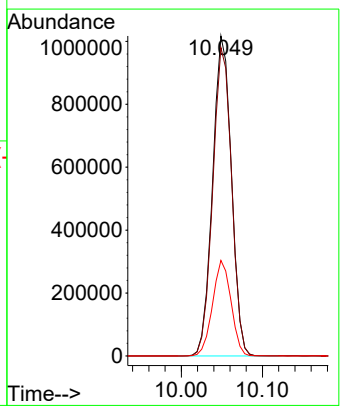
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

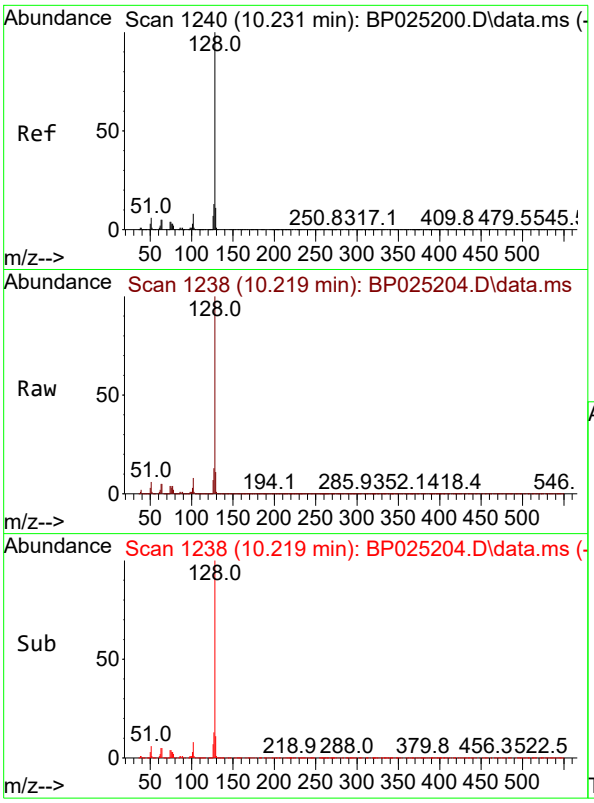


#30
1,2,4-Trichlorobenzene
Concen: 44.986 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:180 Resp: 1637469

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.7	115.1
145	29.9	23.5	35.3

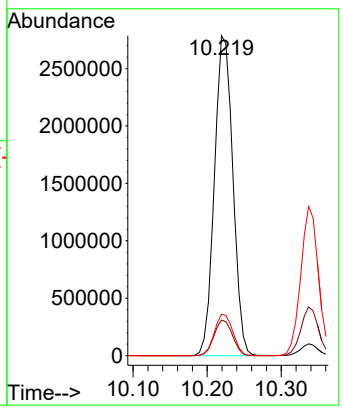




#31
Naphthalene
Concen: 44.759 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:128 Resp: 482031

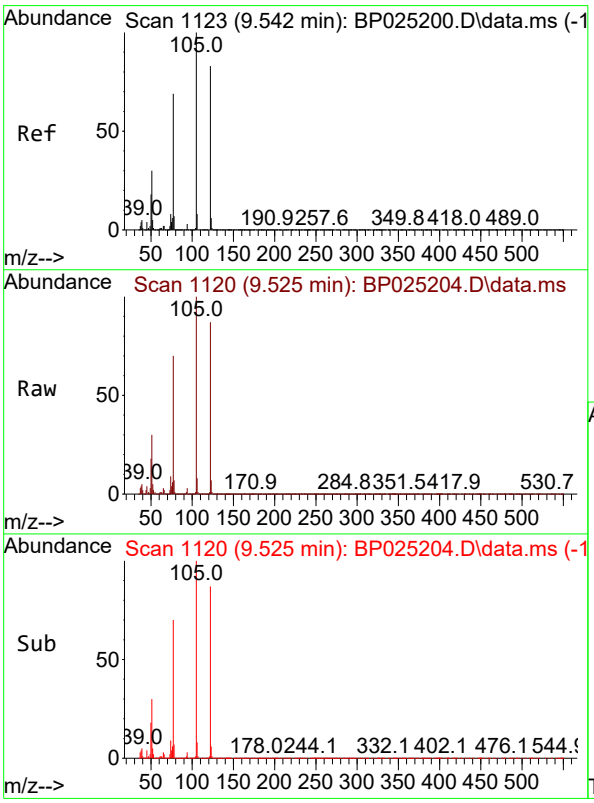
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

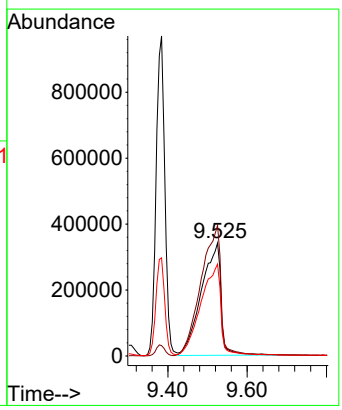
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

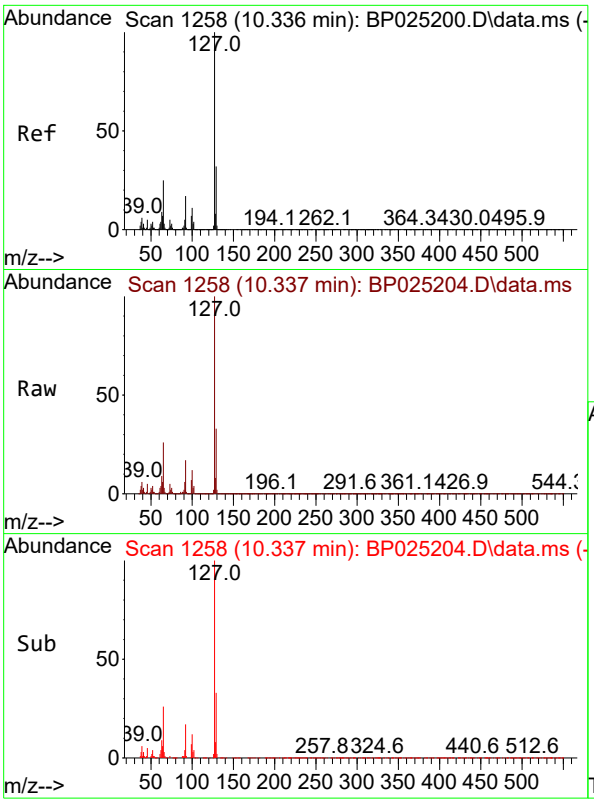


#32
Benzoic acid
Concen: 47.203 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.017 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:122 Resp: 1168950

Ion	Ratio	Lower	Upper
122	100		
105	115.6	98.1	138.1
77	81.2	62.7	102.7

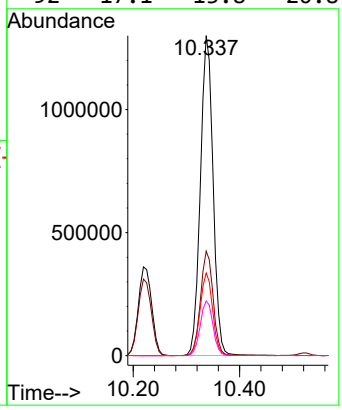




#33
4-Chloroaniline
Concen: 45.428 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:127 Resp: 215053

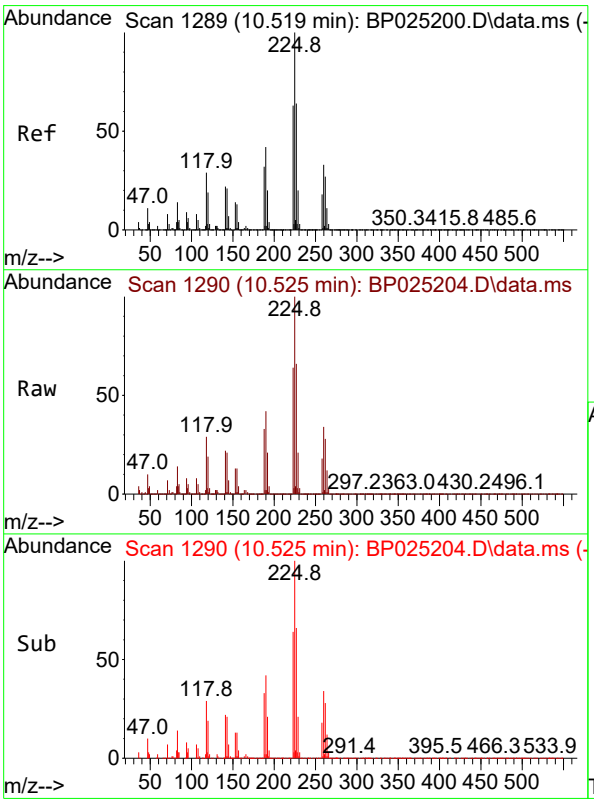
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	25.8	20.2	30.4
92	17.1	13.8	20.8



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

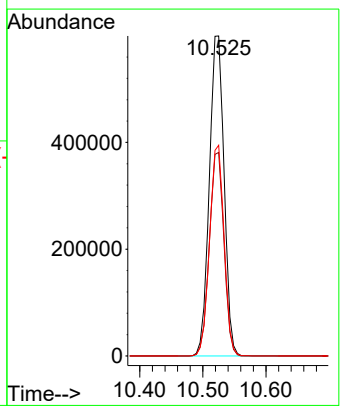
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

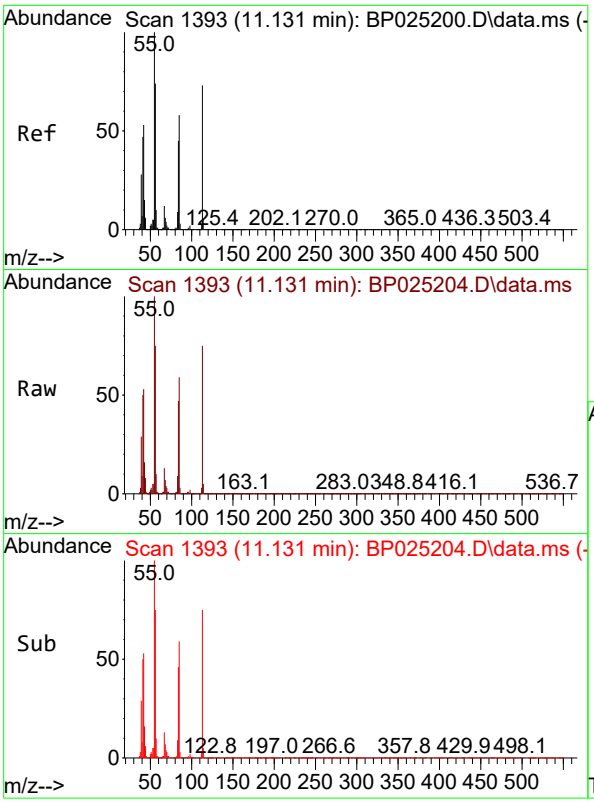


#34
Hexachlorobutadiene
Concen: 44.380 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:225 Resp: 972292

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.1	75.1
227	65.8	51.4	77.0

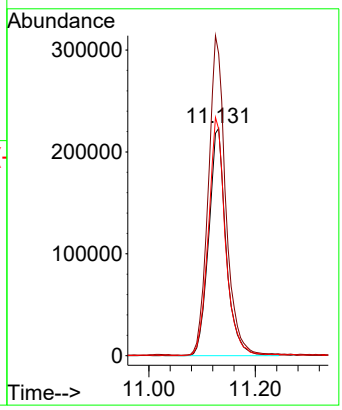




#35
Caprolactam
Concen: 45.393 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:113 Resp: 50207

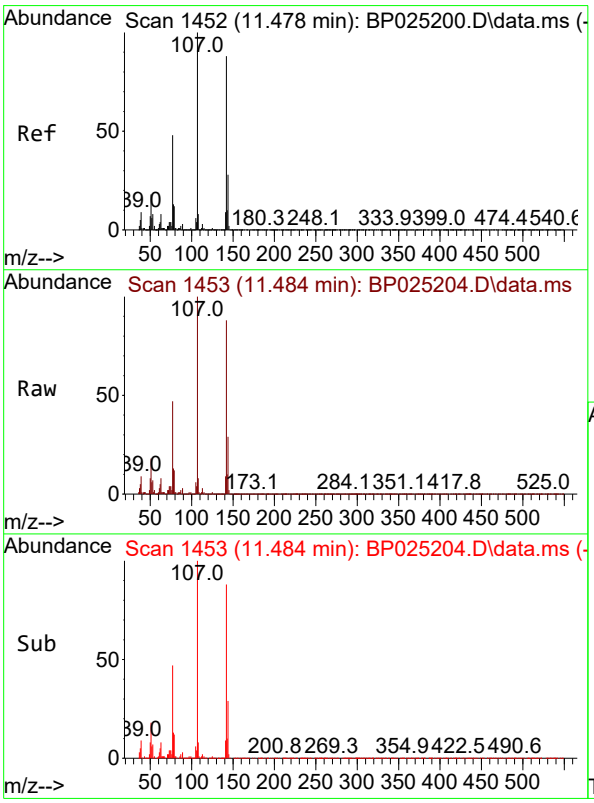
Ion	Ratio	Lower	Upper
113	100		
55	132.7	117.6	157.6
56	99.6	82.4	122.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

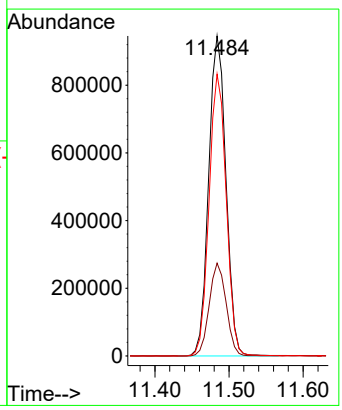
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

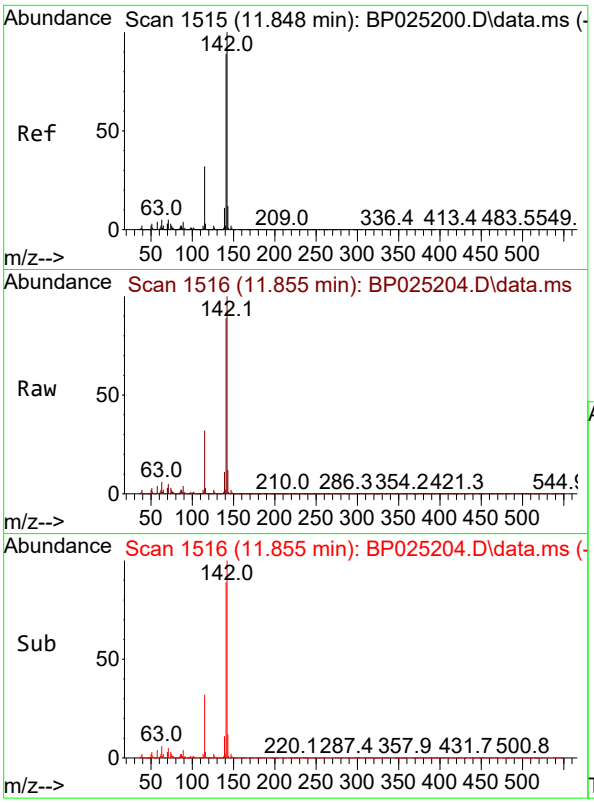


#36
4-Chloro-3-methylphenol
Concen: 45.907 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1529350

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.5	33.7
142	88.0	70.6	105.8

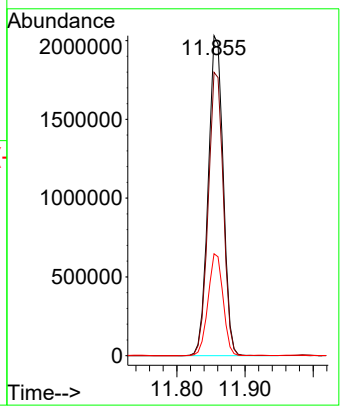




#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 11.855 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:142 Resp: 310296

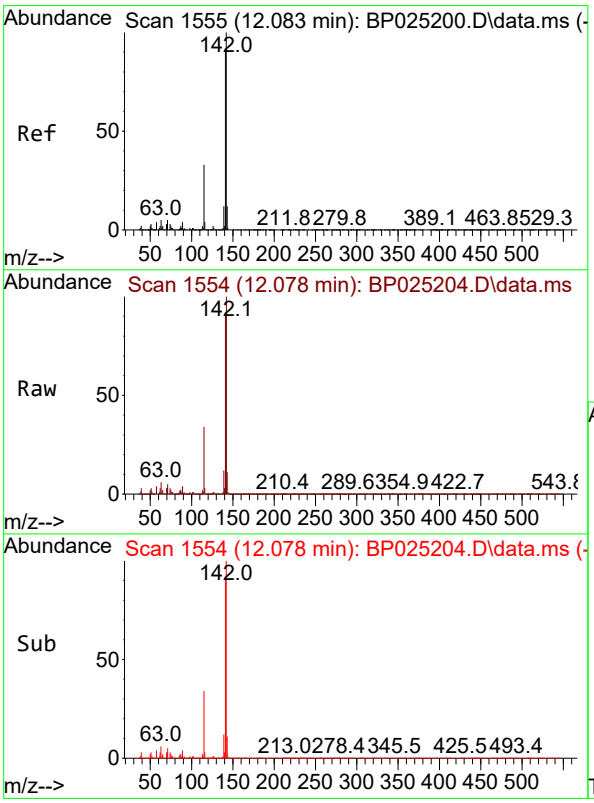
Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	31.9	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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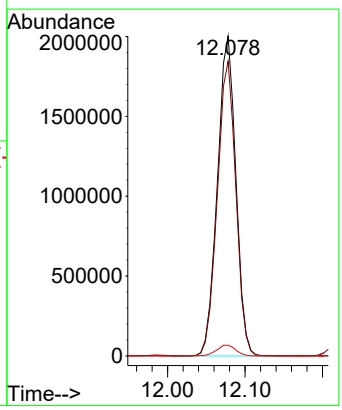
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

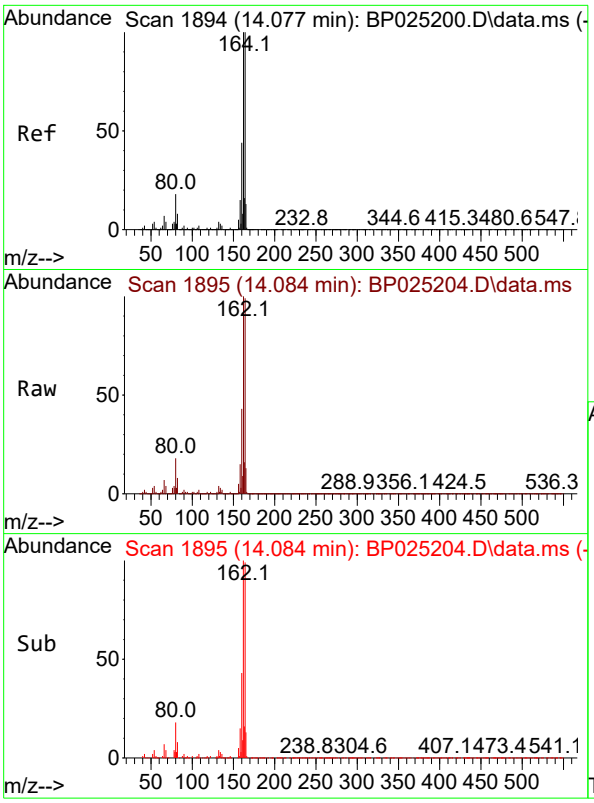


#38
1-Methylnaphthalene
Concen: 45.095 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:142 Resp: 3312609

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.8
116	3.4	2.8	4.2

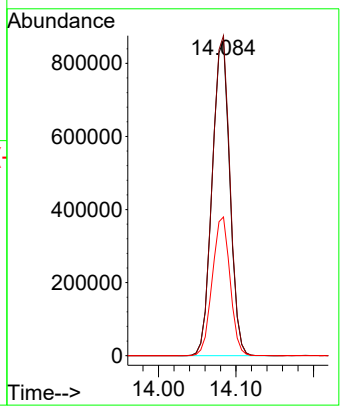




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:164 Resp: 136252

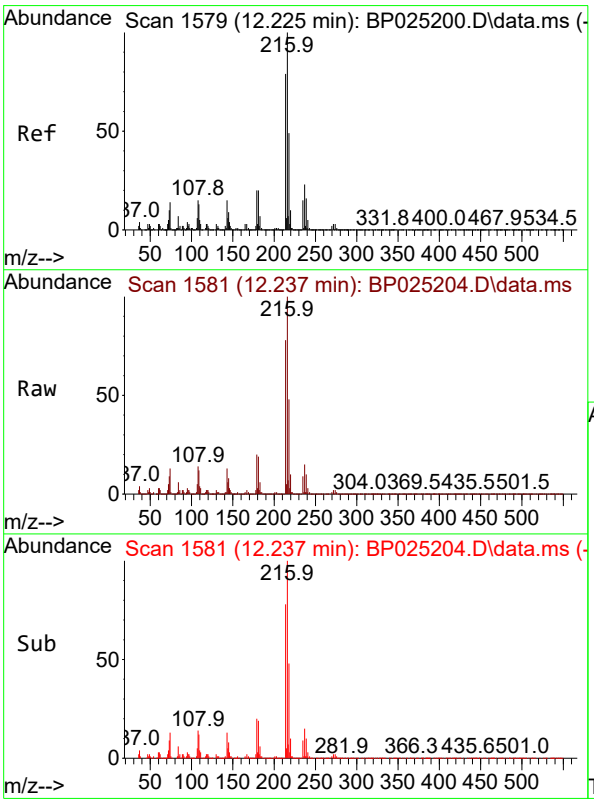
Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	43.9	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

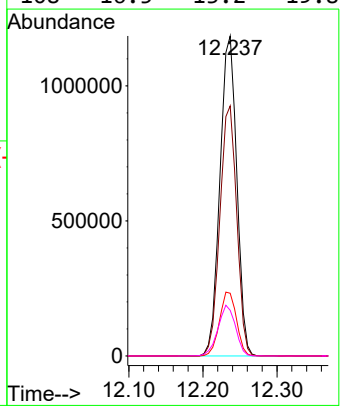
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

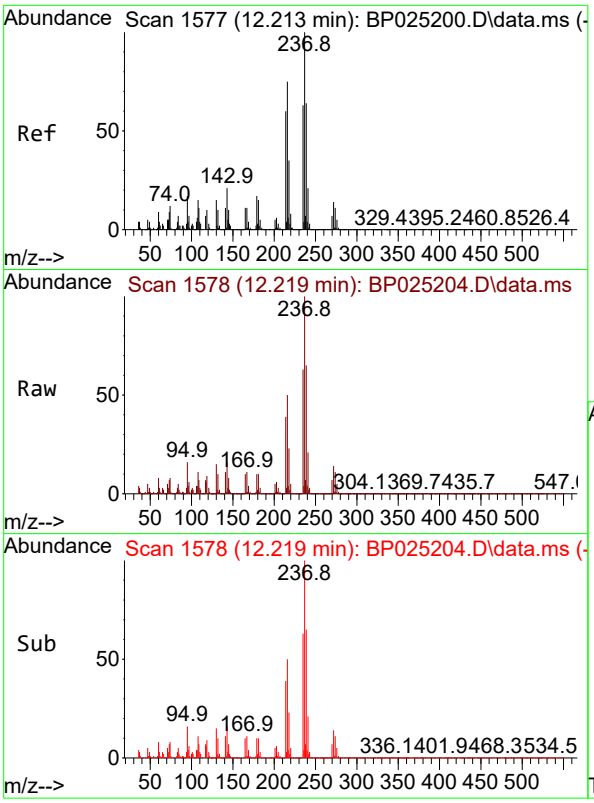


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.726 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:216 Resp: 1867529

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.7	94.1
179	20.2	16.2	24.4
108	16.5	13.2	19.8





#41
Hexachlorocyclopentadiene
Concen: 48.517 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

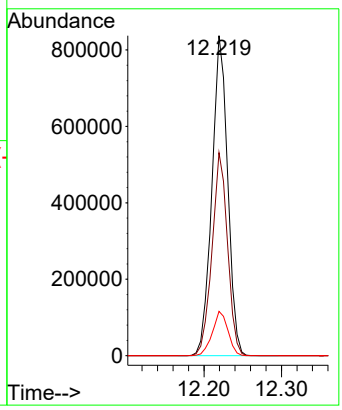
Tgt Ion:237 Resp: 118285

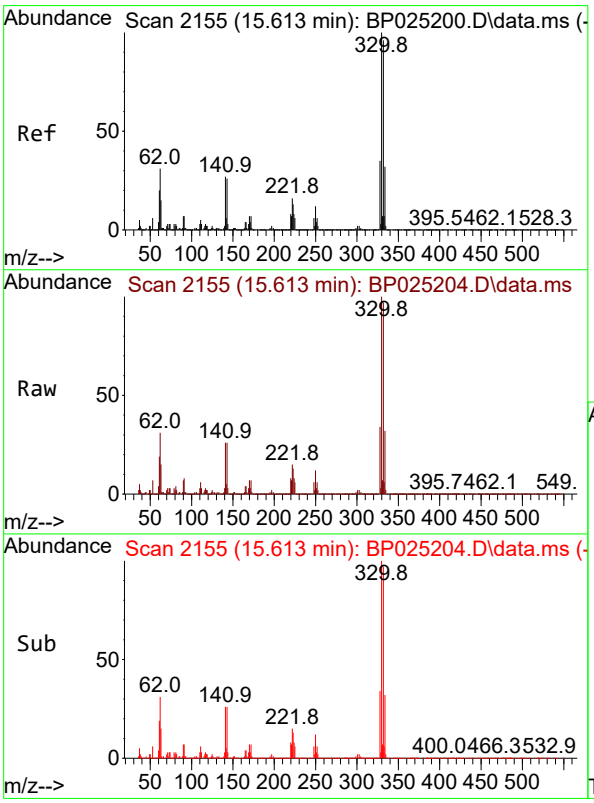
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.7	82.7
272	13.8	0.0	33.6

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

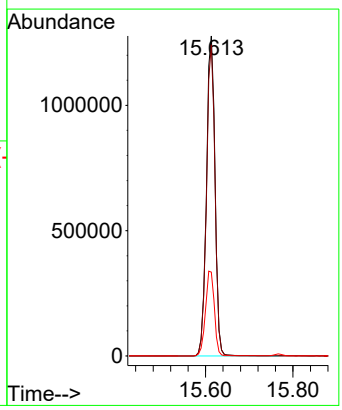


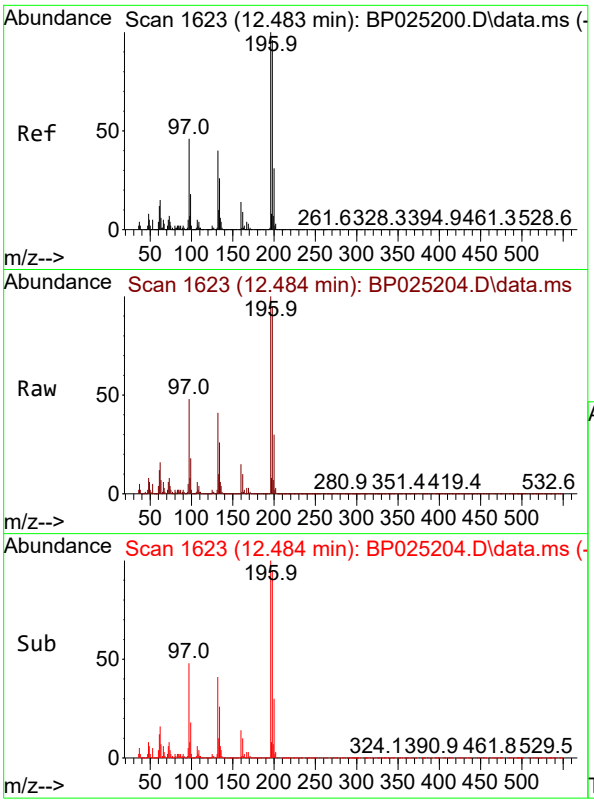


#42
2,4,6-Tribromophenol
Concen: 86.546 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:330 Resp: 1738413

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	27.5	22.4	33.6





#43
2,4,6-Trichlorophenol
Concen: 45.567 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

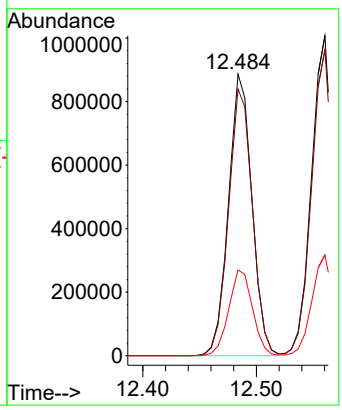
Tgt Ion:196 Resp: 127158

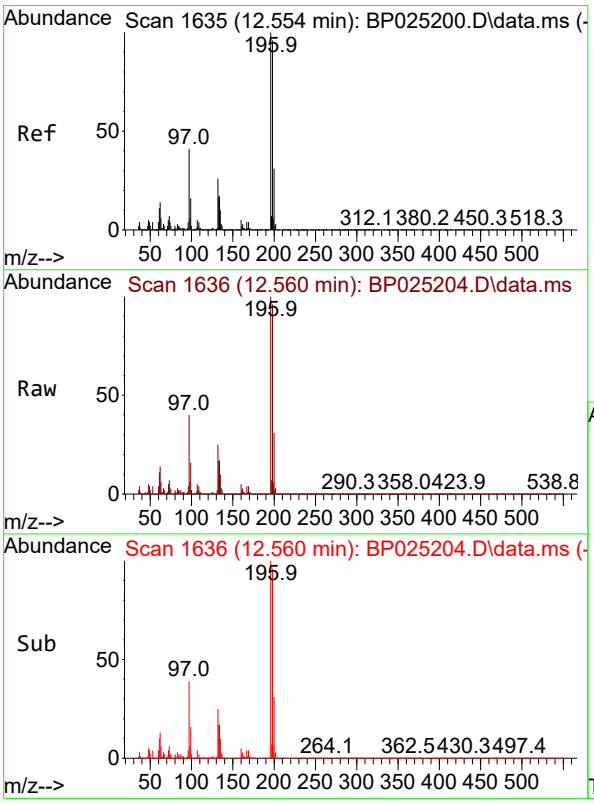
Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.6	114.8
200	30.5	24.7	37.1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

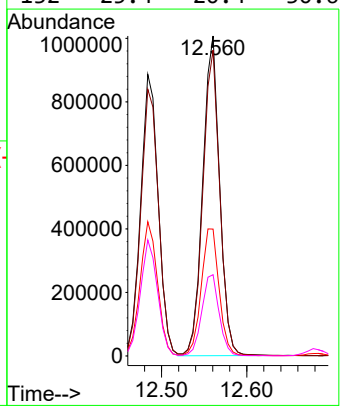


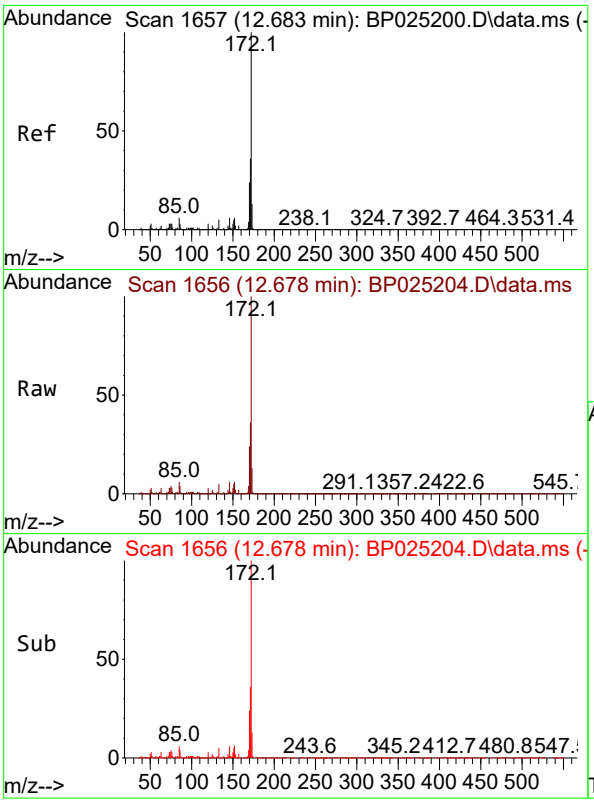


#44
2,4,5-Trichlorophenol
Concen: 45.080 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:196 Resp: 1384362

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.7	115.1
97	39.6	33.0	49.4
132	25.4	20.4	30.6

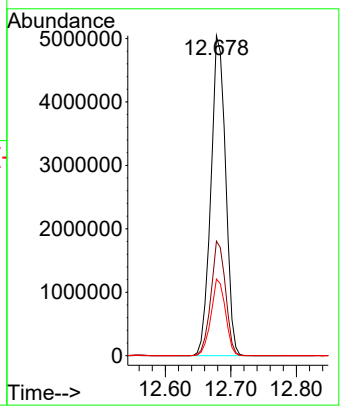




#45
2-Fluorobiphenyl
Concen: 81.308 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:172 Resp: 785807

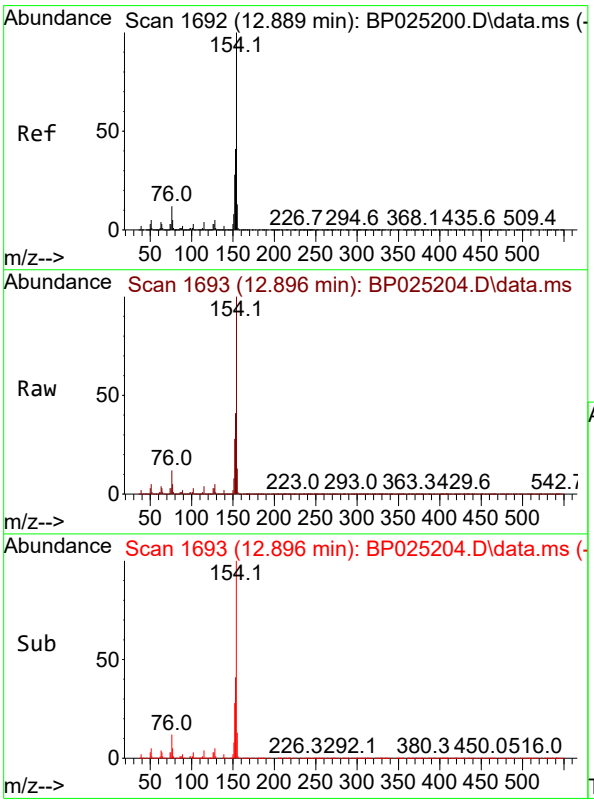
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.9	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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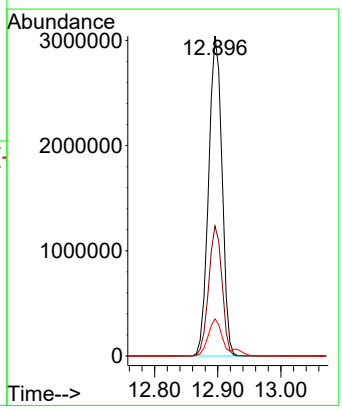
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

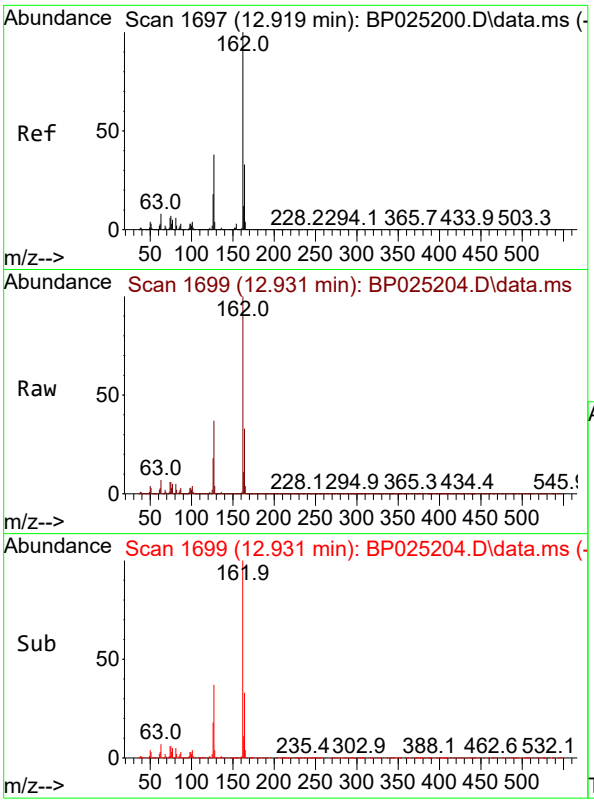


#46
1,1'-Biphenyl
Concen: 45.416 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 4485894

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	11.6	0.0	31.6

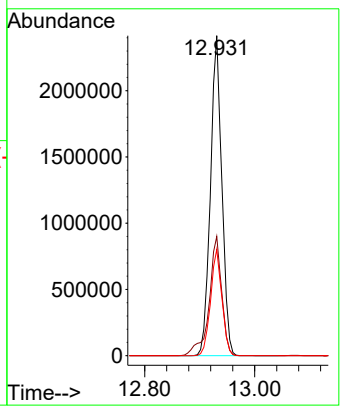




#47
2-Chloronaphthalene
Concen: 45.062 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:162 Resp: 347490

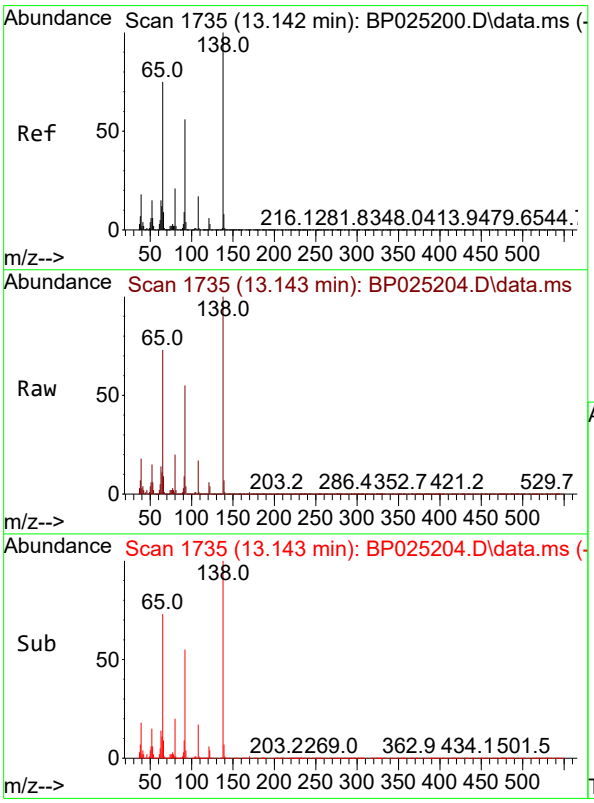
Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.1	45.1
164	33.2	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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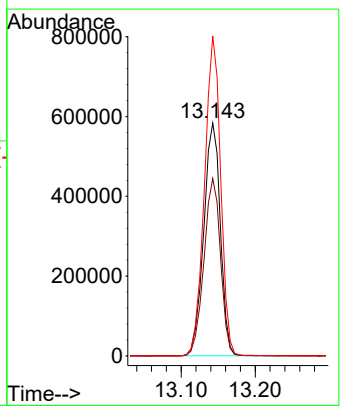
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

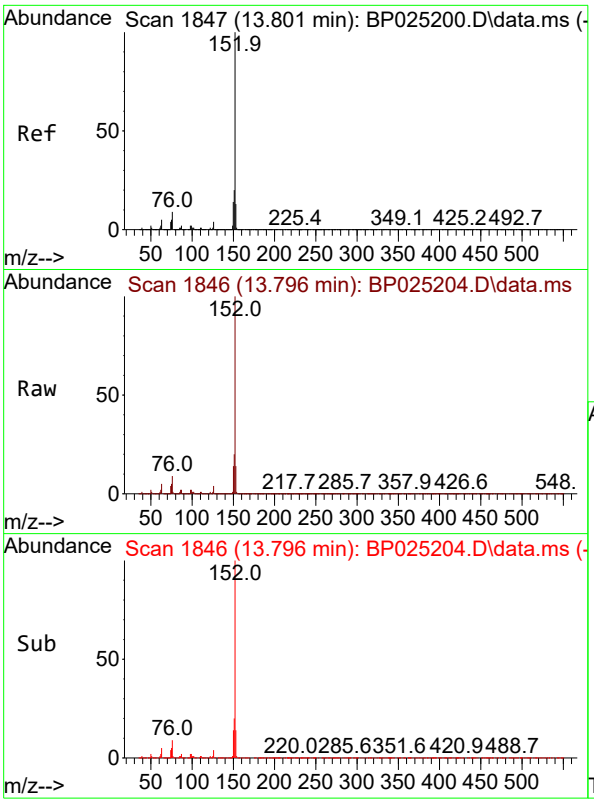


#48
2-Nitroaniline
Concen: 46.176 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 65 Resp: 909354

Ion	Ratio	Lower	Upper
65	100		
92	76.2	59.9	89.9
138	137.3	107.1	160.7

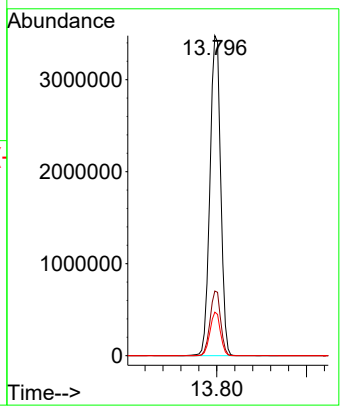




#49
Acenaphthylene
Concen: 46.141 ng
RT: 13.796 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:152 Resp: 575497

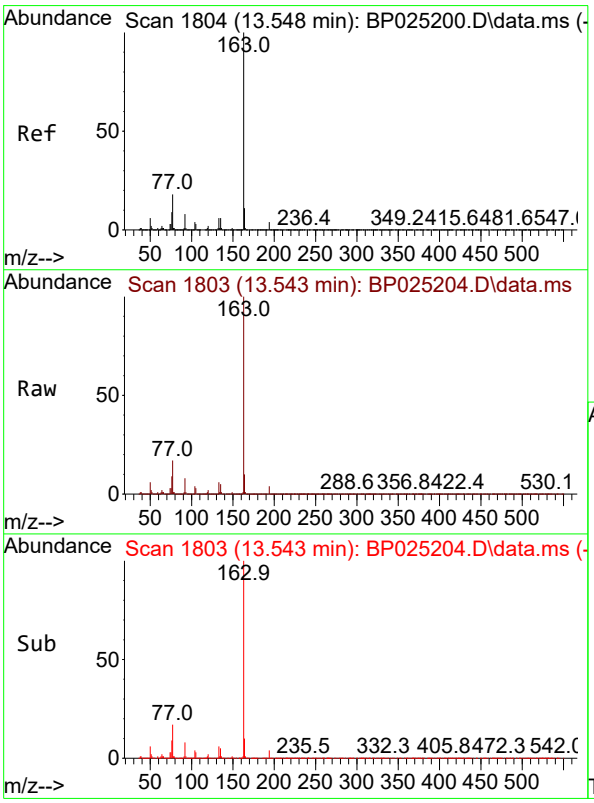
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.6	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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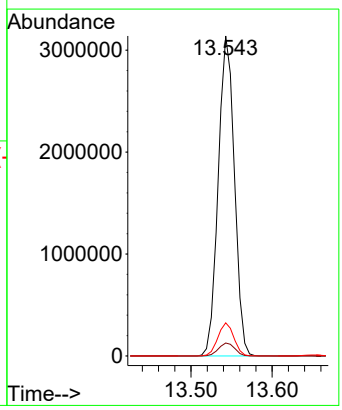
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

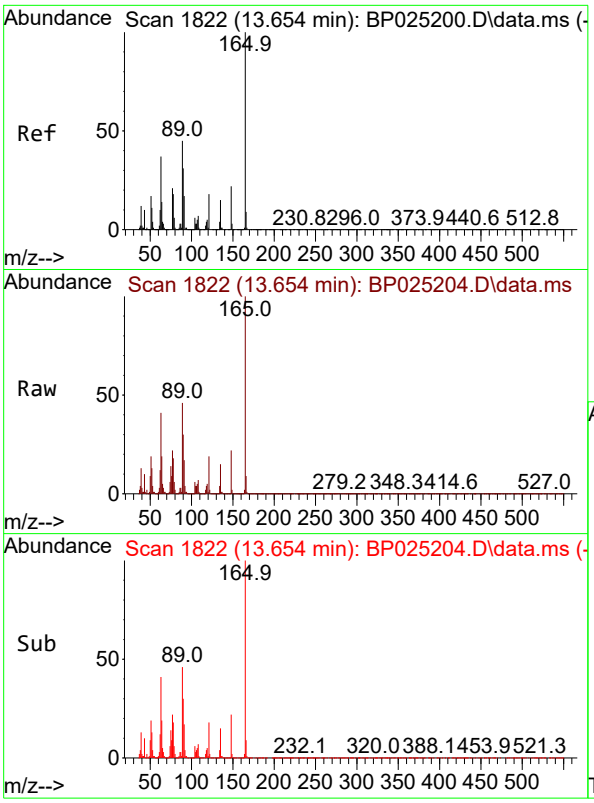


#50
Dimethylphthalate
Concen: 44.753 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:163 Resp: 4360923

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7

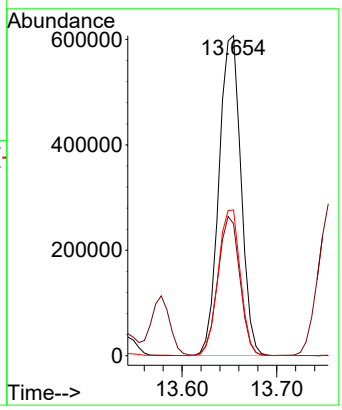




#51
2,6-Dinitrotoluene
Concen: 46.230 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:165 Resp: 97882

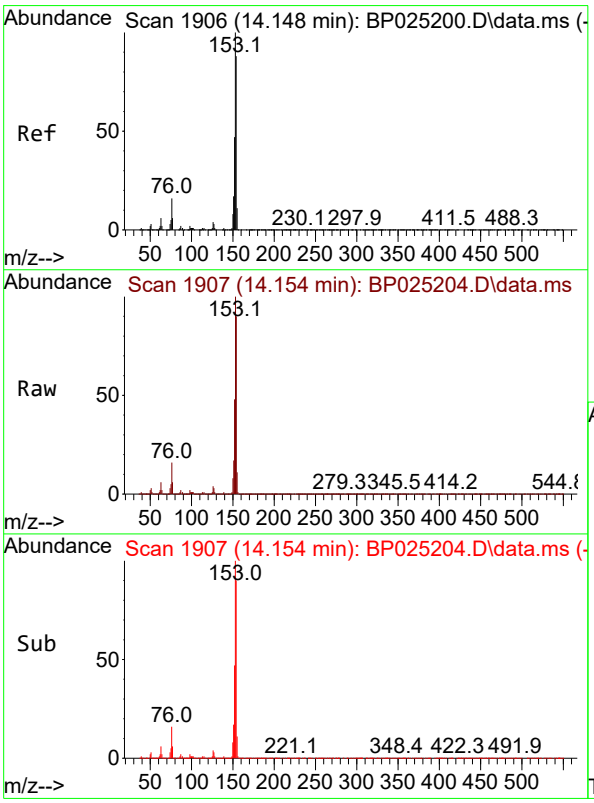
Ion	Ratio	Lower	Upper
165	100		
63	41.2	33.4	50.2
89	45.5	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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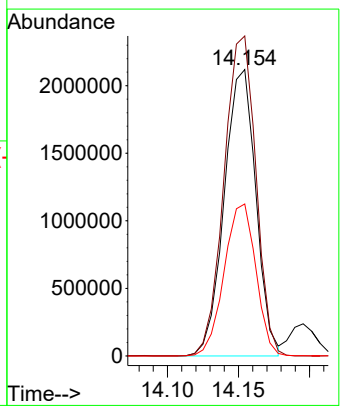
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

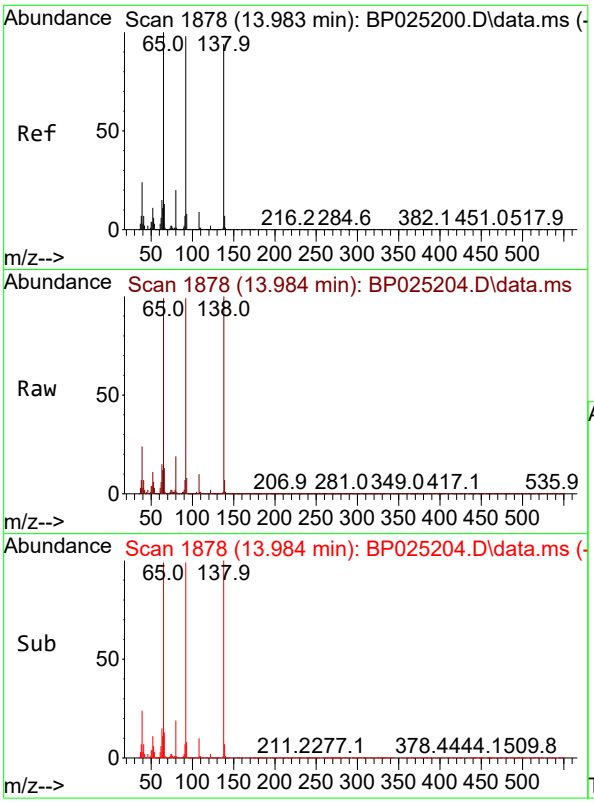


#52
Acenaphthene
Concen: 45.507 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 3282137

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.7	136.1
152	53.1	42.9	64.3





#53
3-Nitroaniline
Concen: 45.931 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

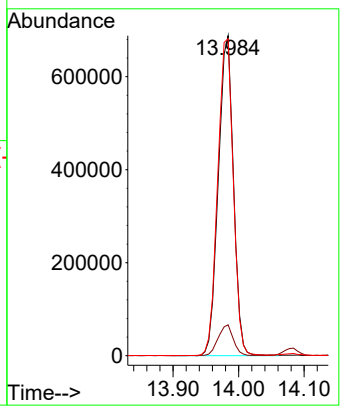
Tgt Ion:138 Resp: 109668

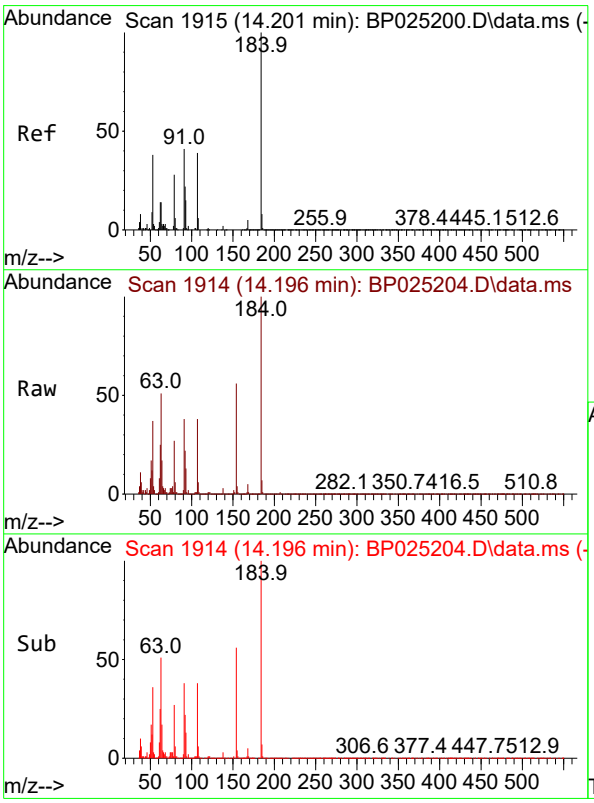
Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.5	11.3
92	99.1	83.2	124.8

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

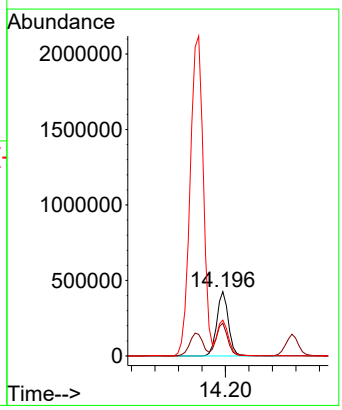


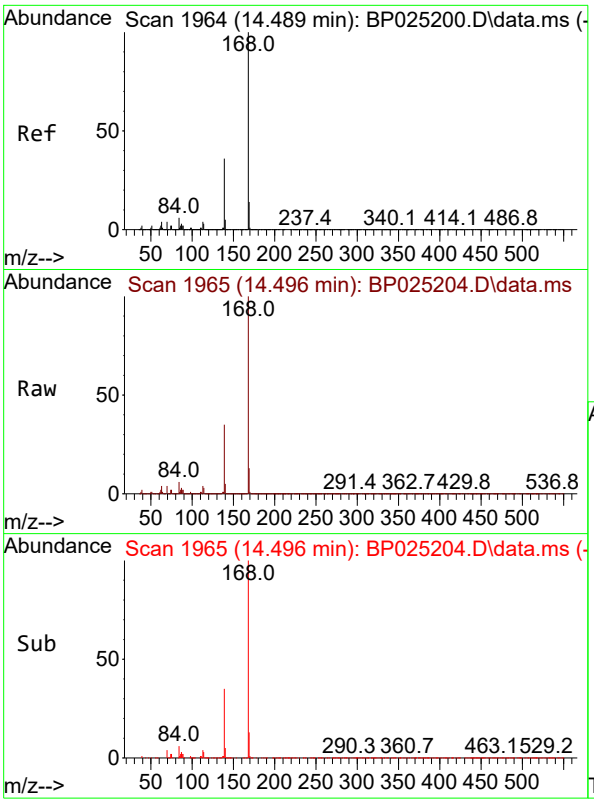


#54
2,4-Dinitrophenol
Concen: 46.791 ng
RT: 14.196 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:184 Resp: 586989

Ion	Ratio	Lower	Upper
184	100		
63	50.9	41.8	62.8
154	55.7	45.7	68.5

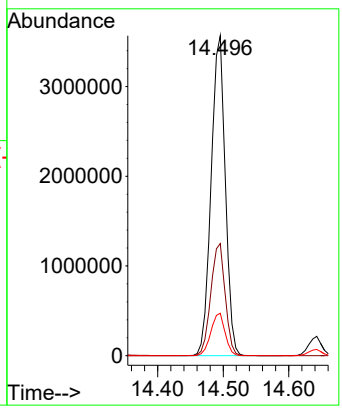




#55
Dibenzofuran
Concen: 45.869 ng
RT: 14.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:168 Resp: 534382

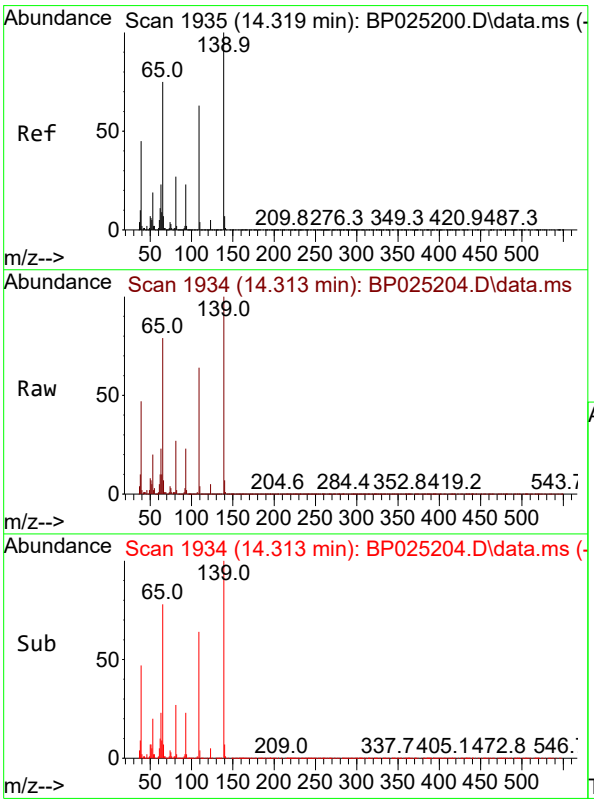
Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.7	43.1
169	13.3	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

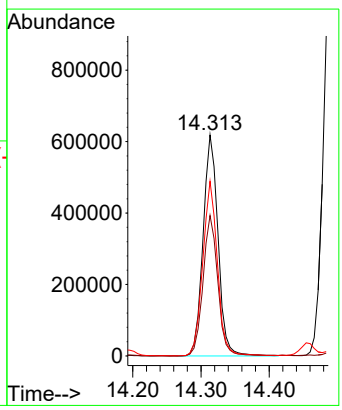
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

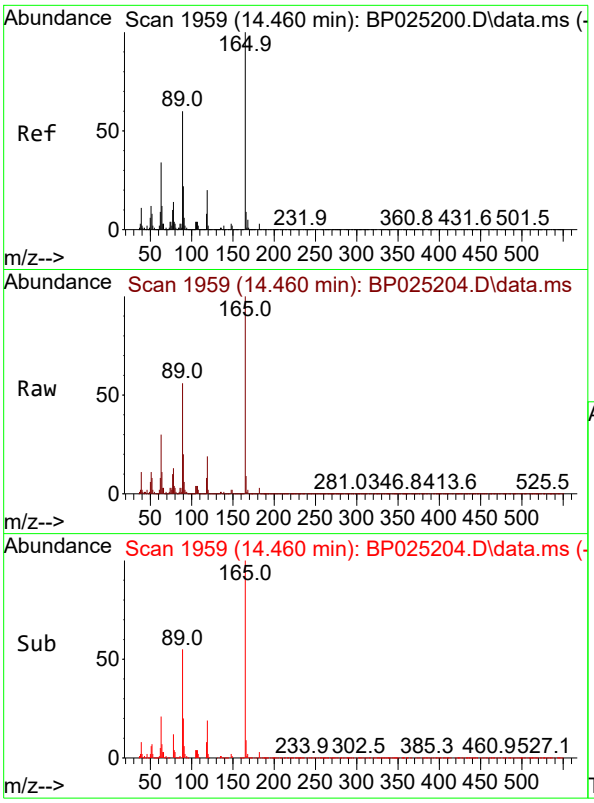


#56
4-Nitrophenol
Concen: 46.237 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 944675

Ion	Ratio	Lower	Upper
139	100		
109	63.5	42.6	82.6
65	79.0	55.4	95.4

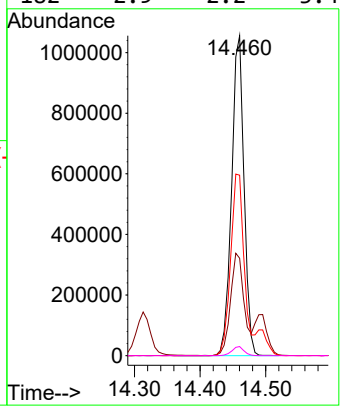




#57
2,4-Dinitrotoluene
Concen: 46.930 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:165 Resp: 139089

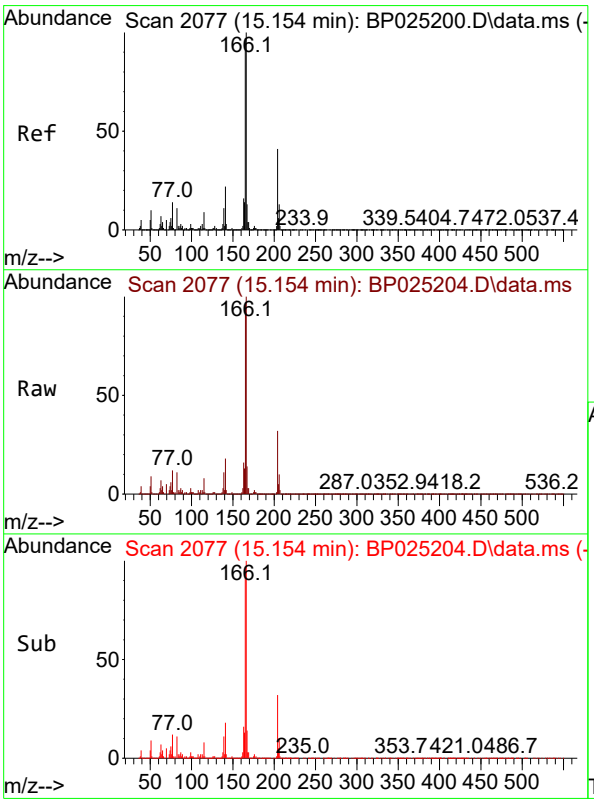
Ion	Ratio	Lower	Upper
165	100		
63	30.4	27.0	40.4
89	56.4	47.8	71.6
182	2.9	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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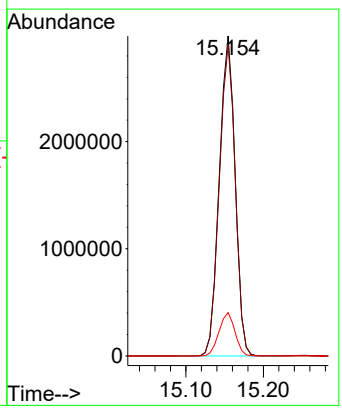
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

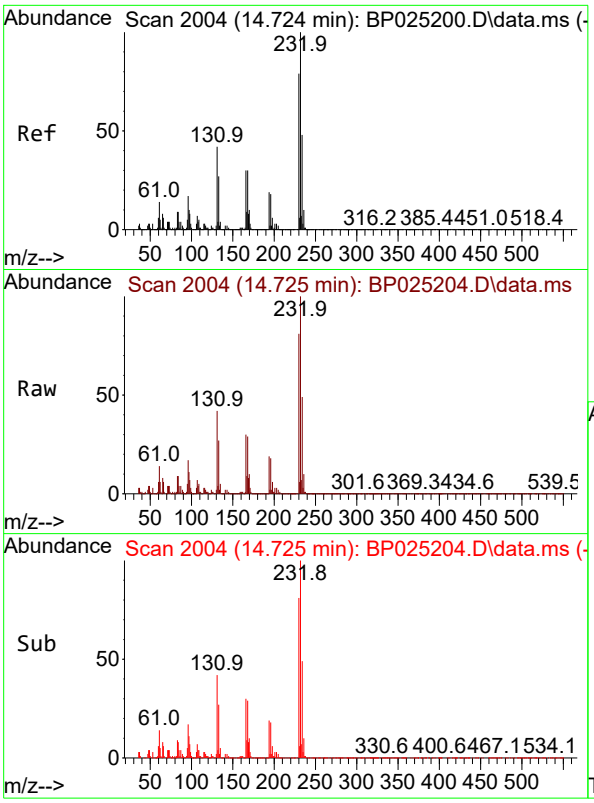


#58
Fluorene
Concen: 45.851 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:166 Resp: 4240752

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.0	117.0
167	13.6	10.7	16.1

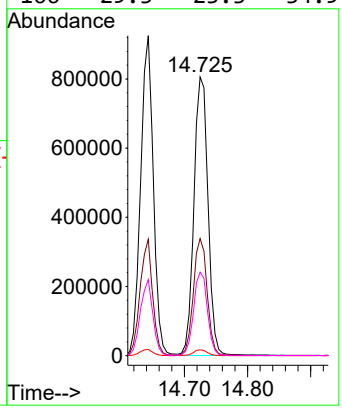




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.744 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:232 Resp: 124319

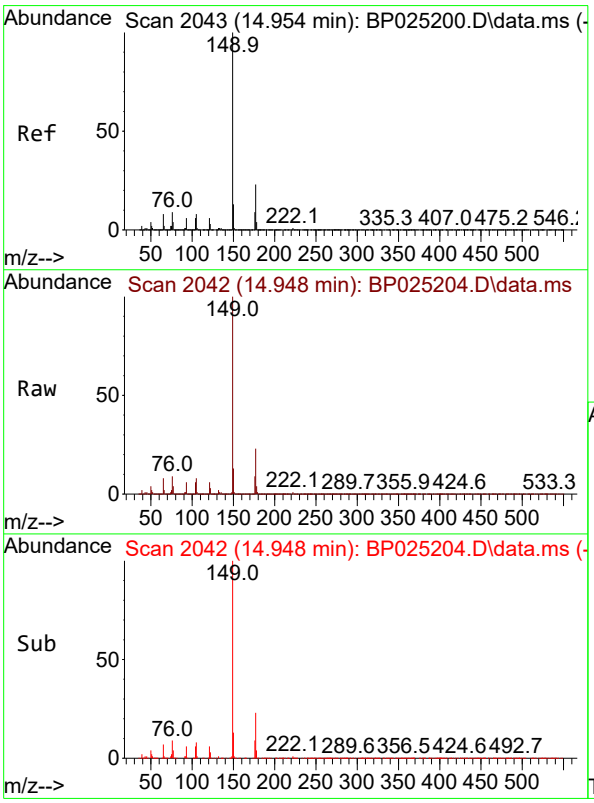
Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.6	48.8
130	2.1	1.6	2.4
166	29.3	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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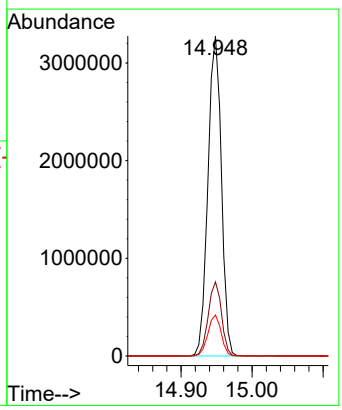
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

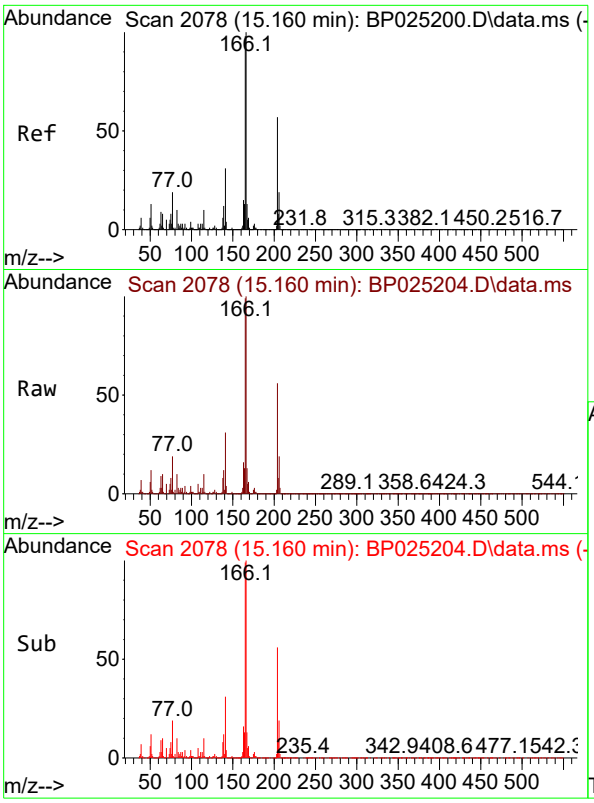


#60
Diethylphthalate
Concen: 44.844 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 4306867

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	12.8	10.0	15.0

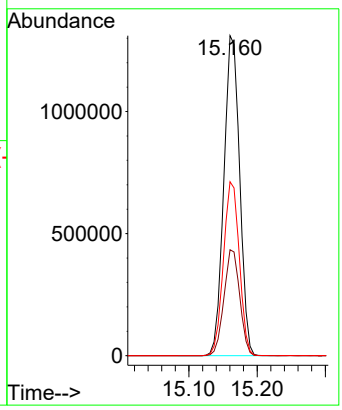




#61
4-Chlorophenyl-phenylether
Concen: 45.300 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:204 Resp: 211714

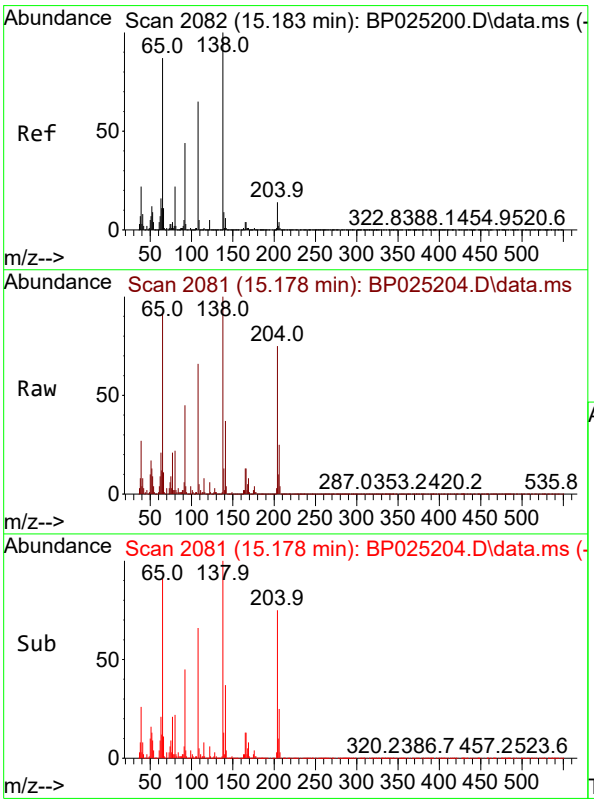
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	54.4	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

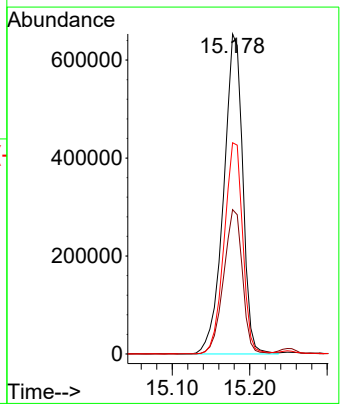
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

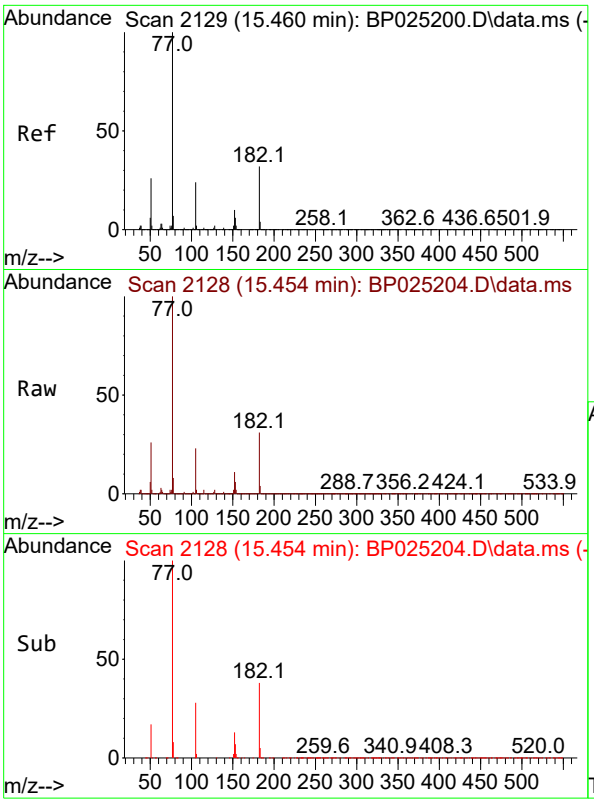


#62
4-Nitroaniline
Concen: 46.208 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:138 Resp: 1122038

Ion	Ratio	Lower	Upper
138	100		
92	45.1	24.0	64.0
108	66.0	44.9	84.9

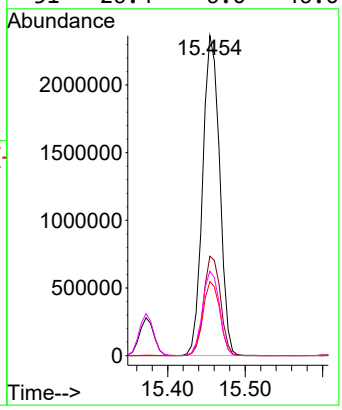




#63
Azobenzene
Concen: 45.735 ng
RT: 15.454 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 357944

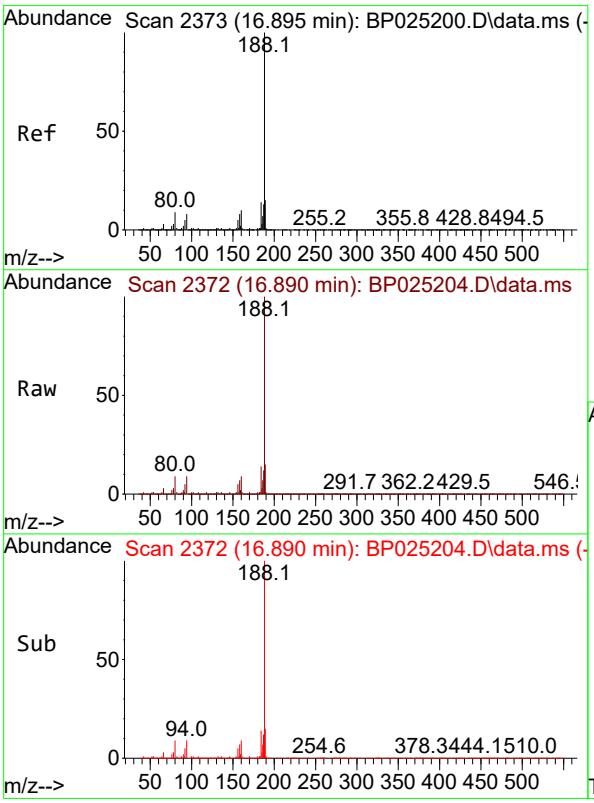
Ion	Ratio	Lower	Upper
77	100		
182	31.1	12.0	52.0
105	23.2	3.6	43.6
51	26.4	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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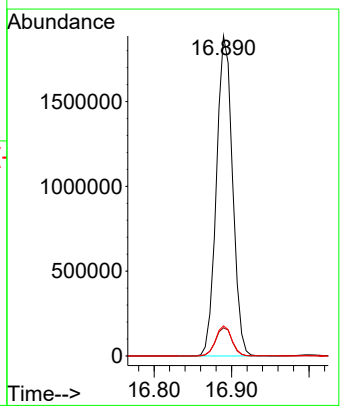
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

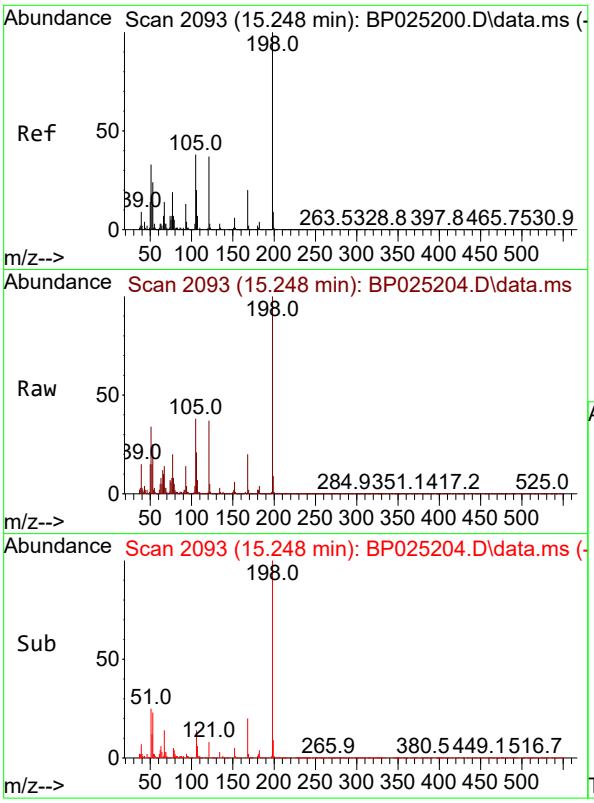


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.890 min Scan# 2372
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:188 Resp: 2724423

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.4	7.3	10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.654 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

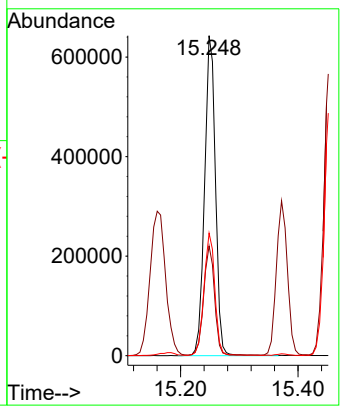
Tgt Ion:198 Resp: 82028

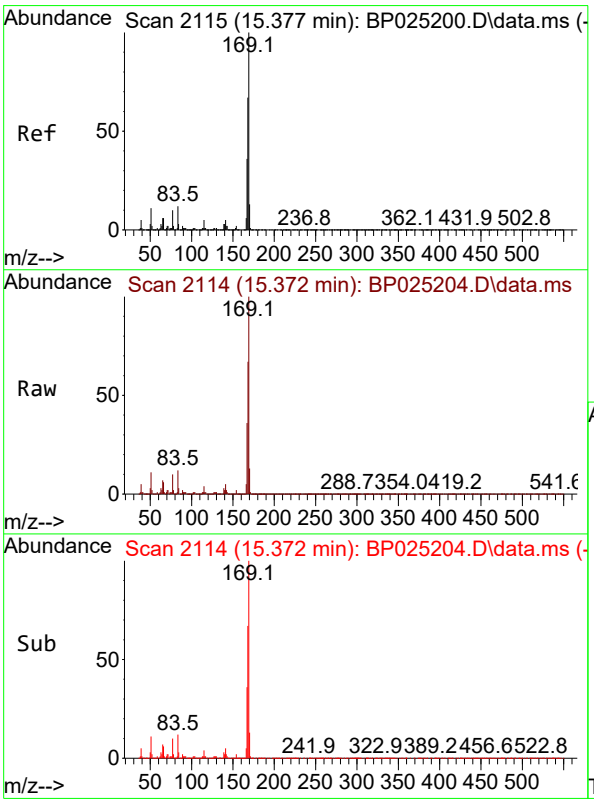
Ion	Ratio	Lower	Upper
198	100		
51	34.3	14.6	54.6
105	38.3	18.3	58.3

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

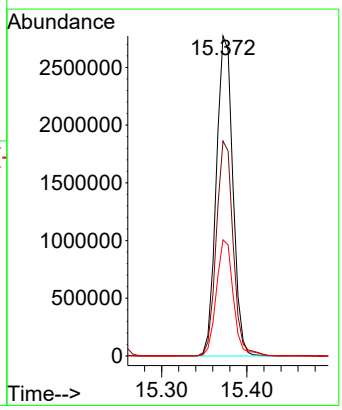


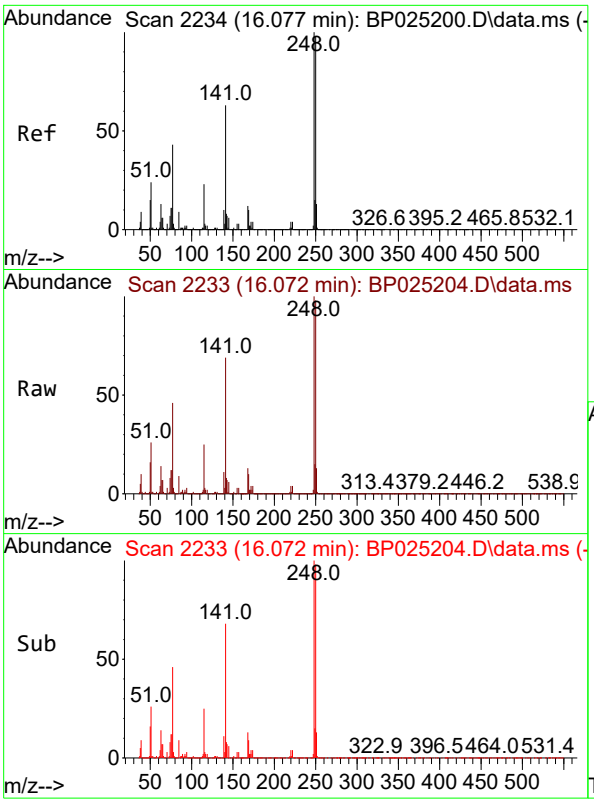


#66
n-Nitrosodiphenylamine
Concen: 45.067 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:169 Resp: 3726776

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.7	80.5
167	36.3	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 44.020 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

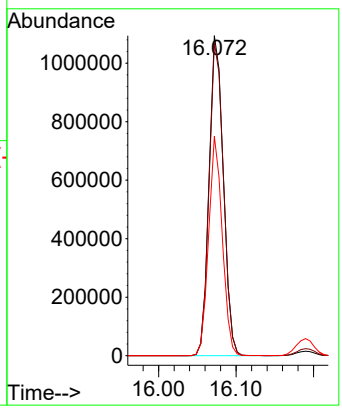
Tgt Ion:248 Resp: 139965

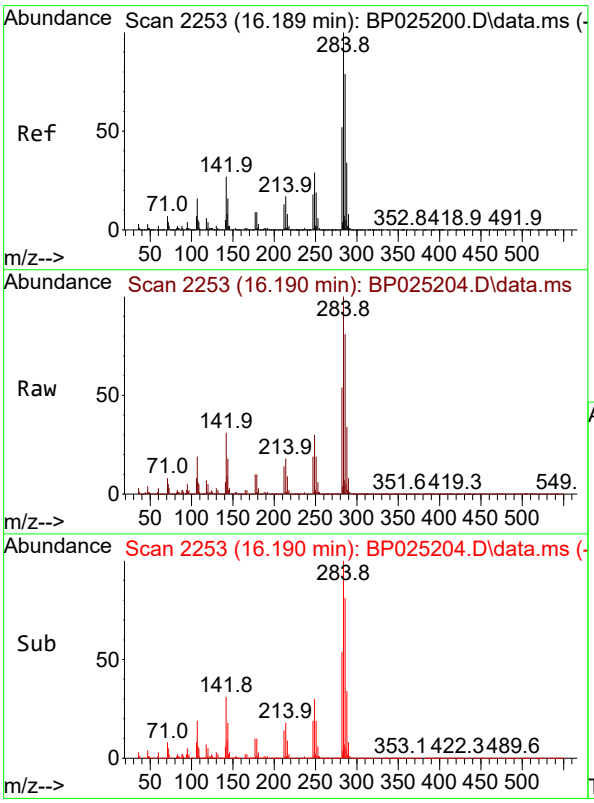
Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.5	117.7
141	68.5	50.5	75.7

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

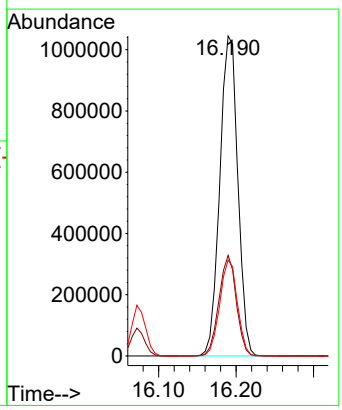


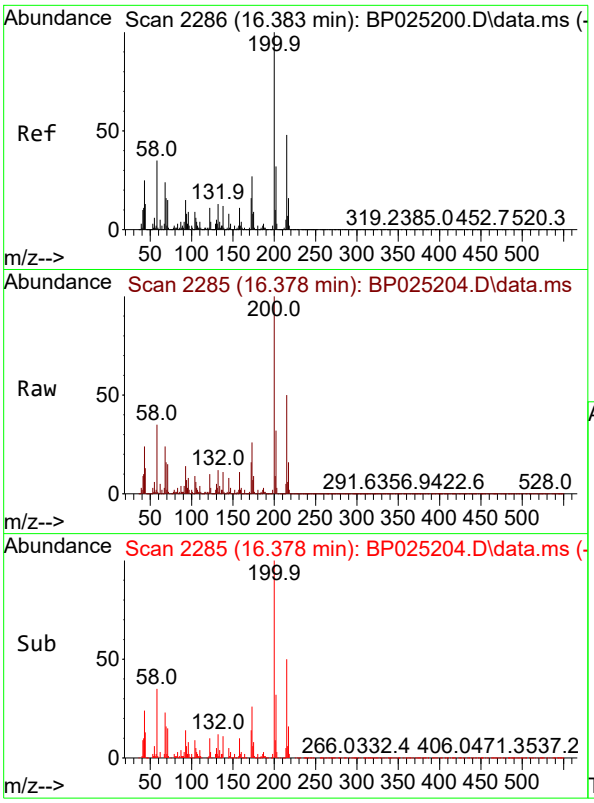


#68
Hexachlorobenzene
Concen: 44.819 ng
RT: 16.190 min Scan# 2253
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:284 Resp: 1692331

Ion	Ratio	Lower	Upper
284	100		
142	31.4	21.5	32.3
249	30.0	23.4	35.0

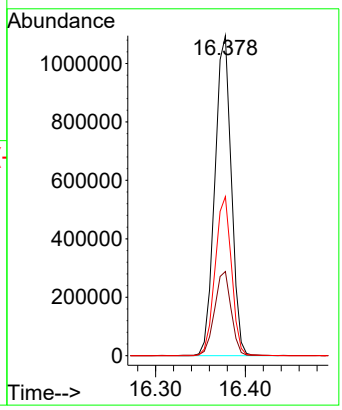




#69
Atrazine
Concen: 45.593 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:200 Resp: 139515

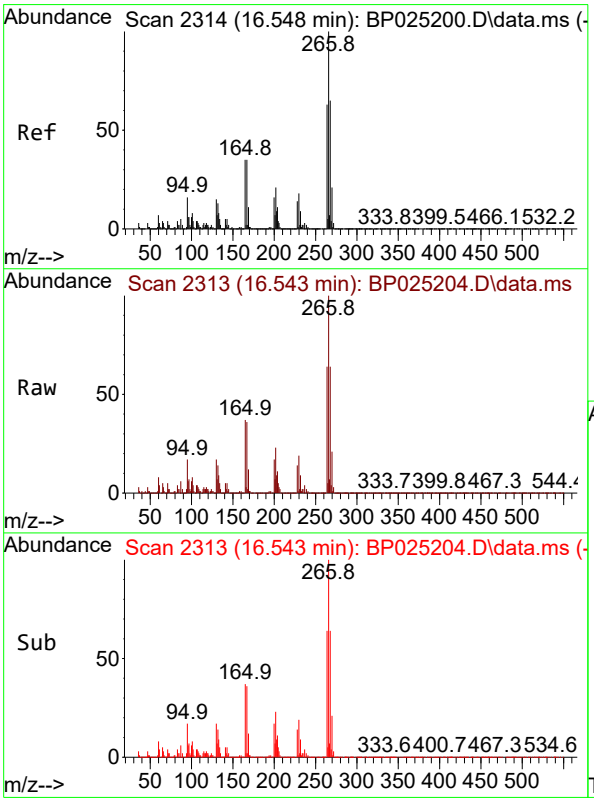
Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.4	47.4
215	49.7	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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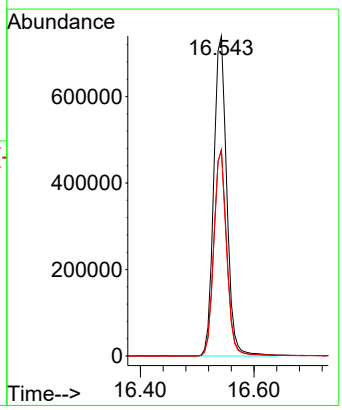
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

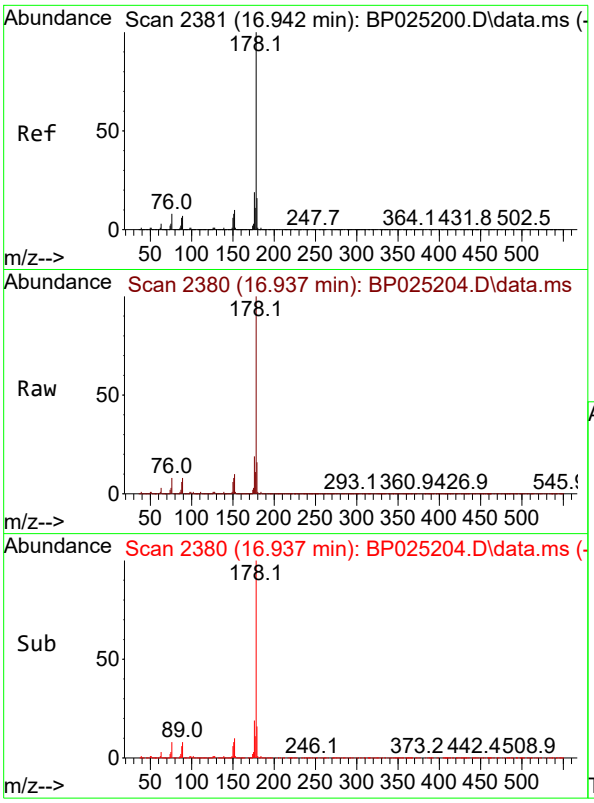


#70
Pentachlorophenol
Concen: 45.651 ng
RT: 16.543 min Scan# 2313
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:266 Resp: 1172182

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.8	77.6
264	64.4	50.3	75.5

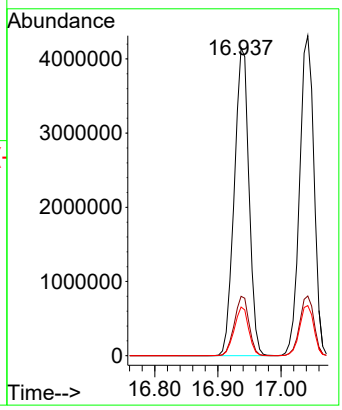




#71
Phenanthrene
Concen: 45.655 ng
RT: 16.937 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:178 Resp: 670861

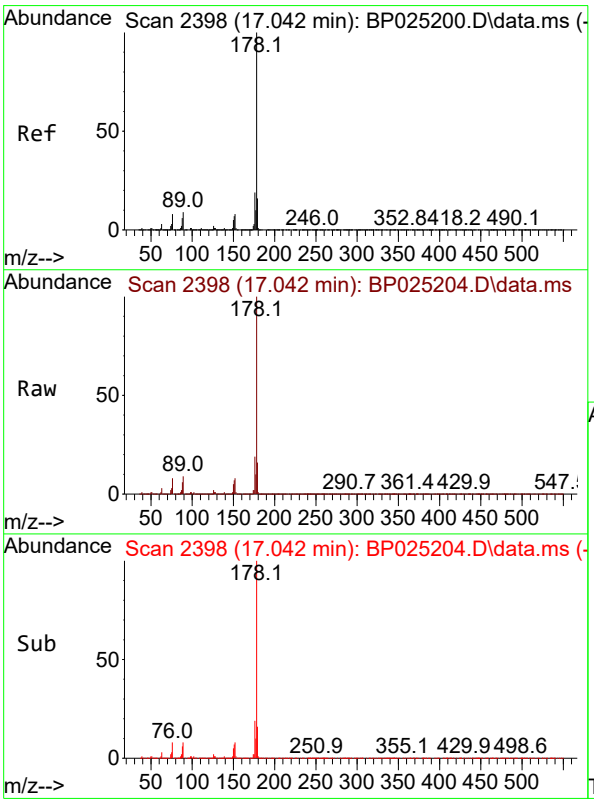
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.8	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

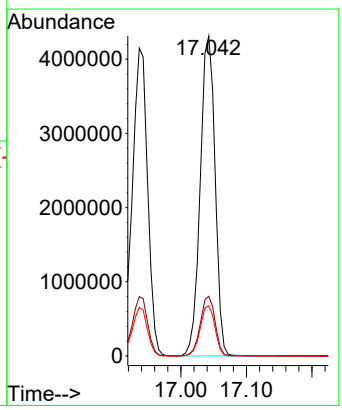
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

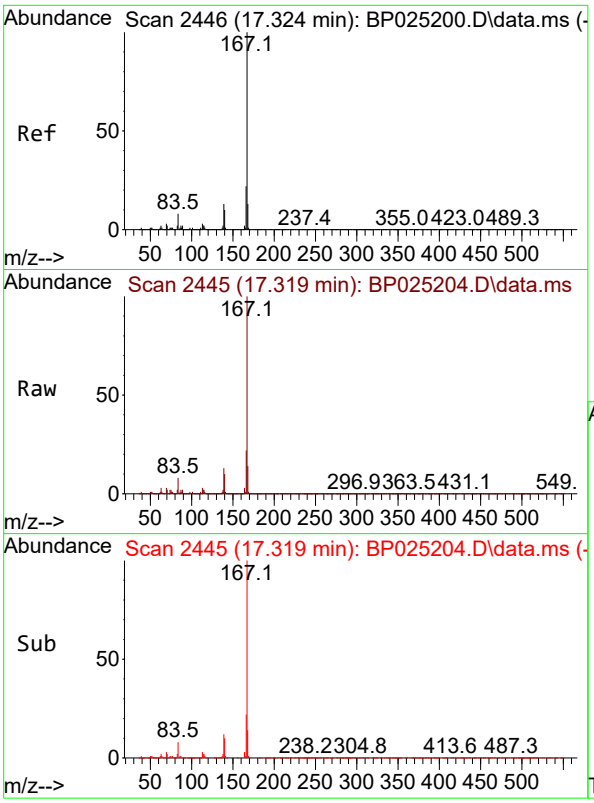


#72
Anthracene
Concen: 45.942 ng
RT: 17.042 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:178 Resp: 6800703

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.7	12.5	18.7





#73
Carbazole
Concen: 45.725 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

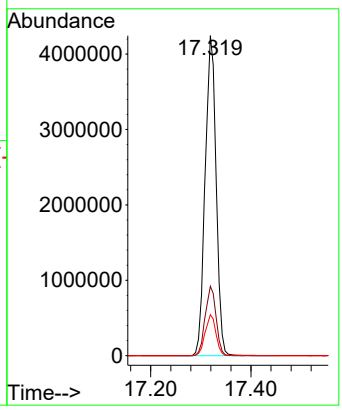
Tgt Ion:167 Resp: 646134

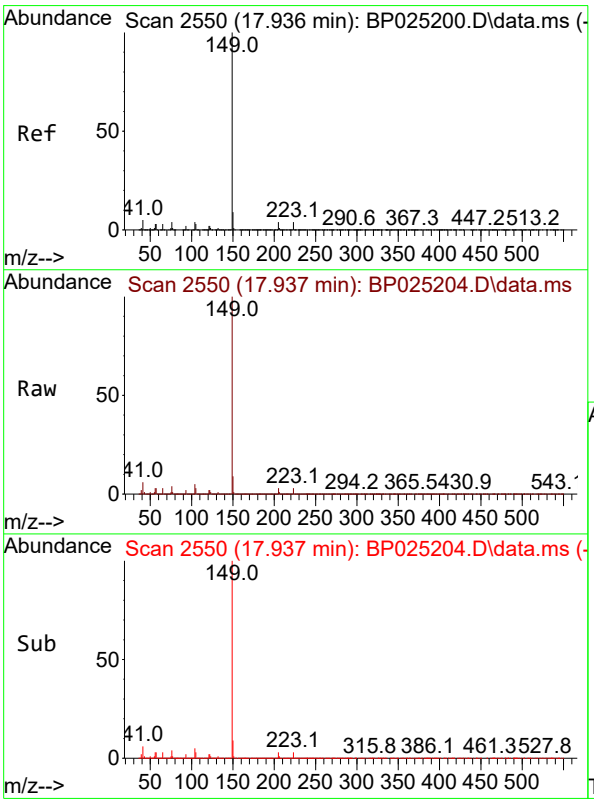
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.8	10.1	15.1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

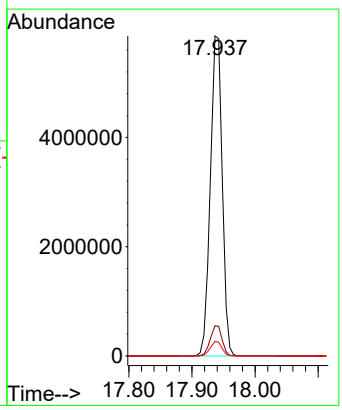


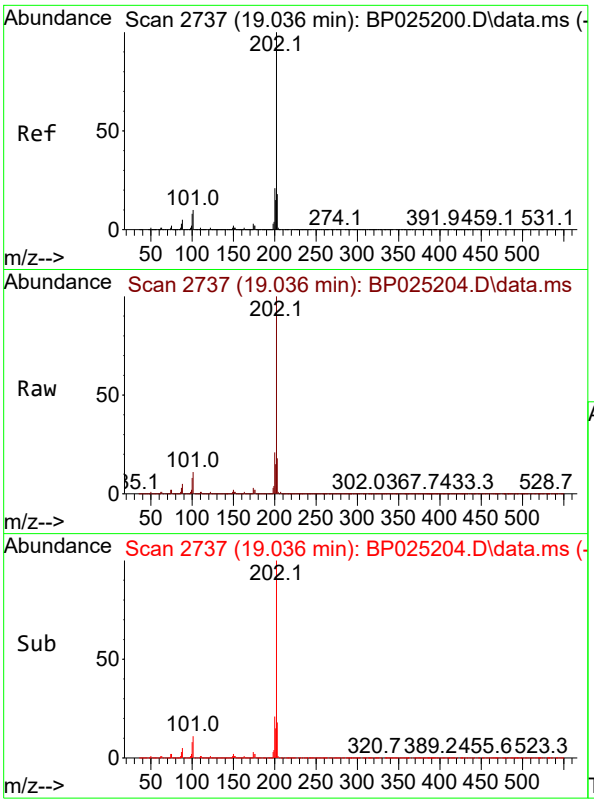


#74
Di-n-butylphthalate
Concen: 47.030 ng
RT: 17.937 min Scan# 2550
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 7668085

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.6	3.5	5.3





#75
Fluoranthene
Concen: 46.353 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

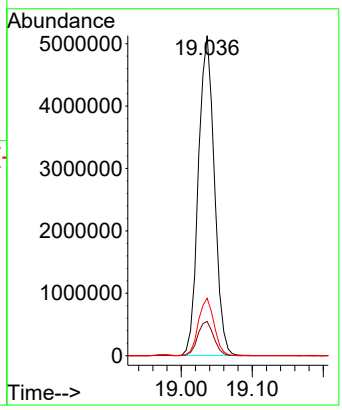
Tgt Ion:202 Resp: 801619

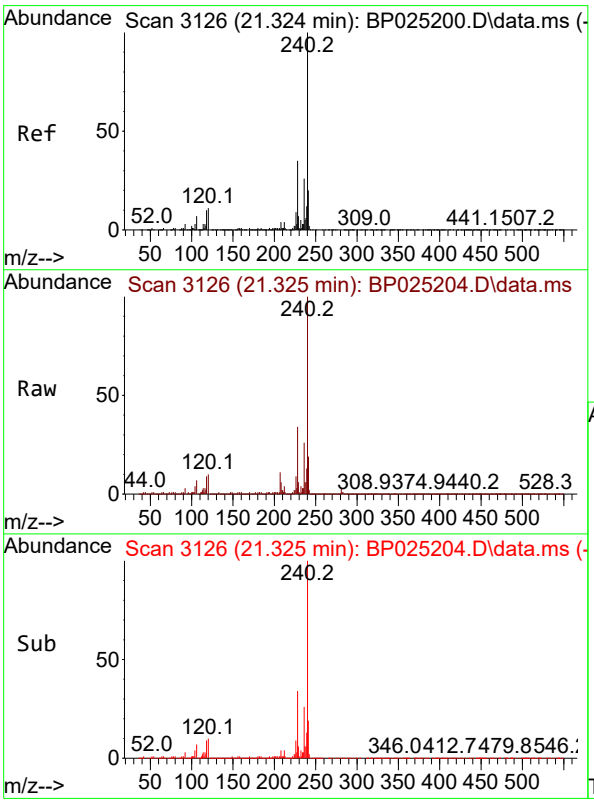
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
203	17.9	0.0	38.0

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

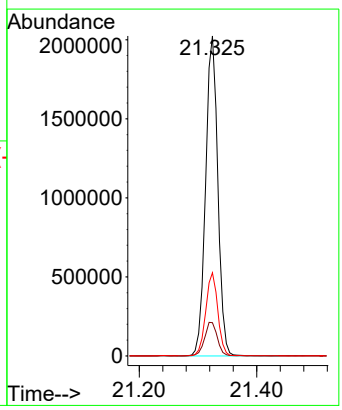


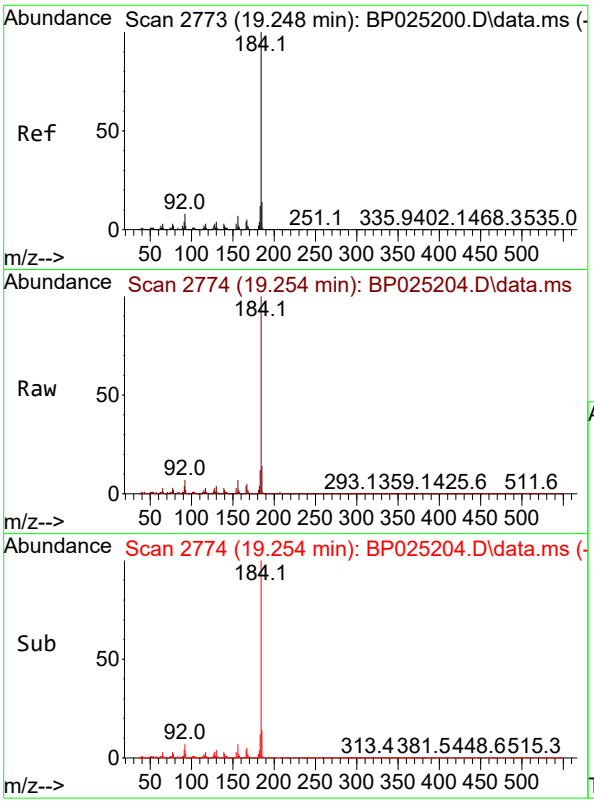


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:240 Resp: 2909374

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	26.0	20.9	31.3





#77
Benzidine
Concen: 49.969 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

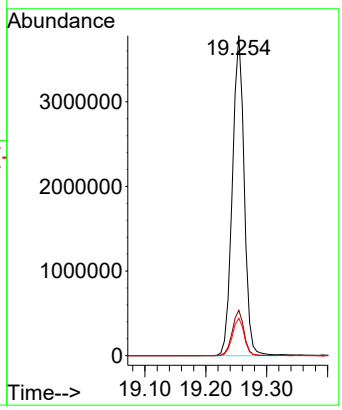
Tgt Ion:184 Resp: 510397

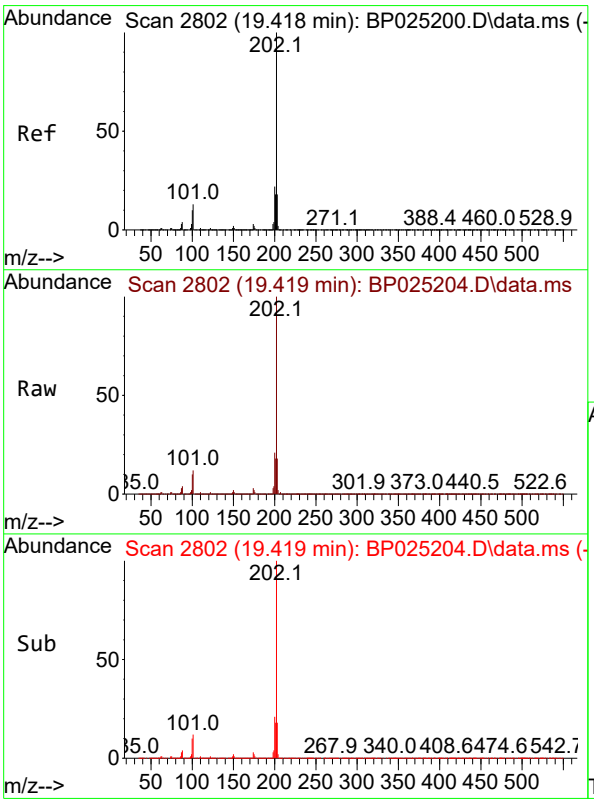
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.7	9.6	14.4

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

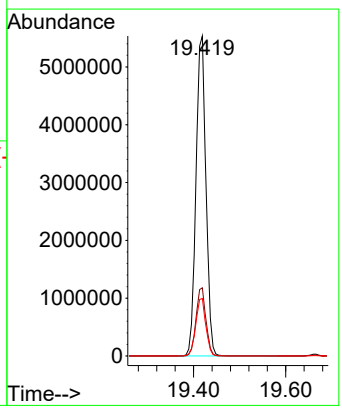


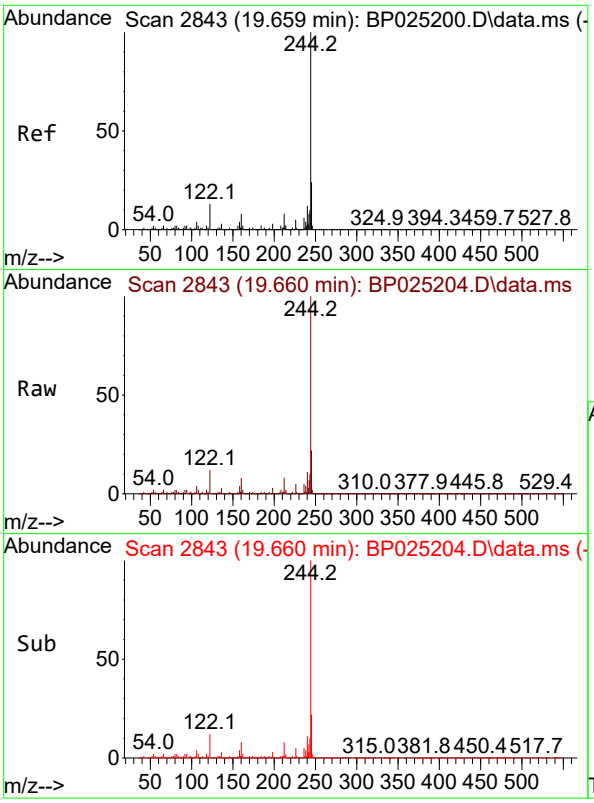


#78
Pyrene
Concen: 46.157 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:202 Resp: 8280087

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5

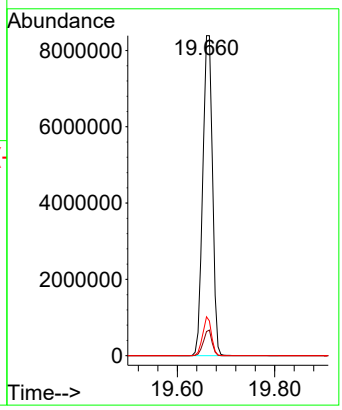




#79
Terphenyl-d14
Concen: 78.518 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:244 Resp:1157218

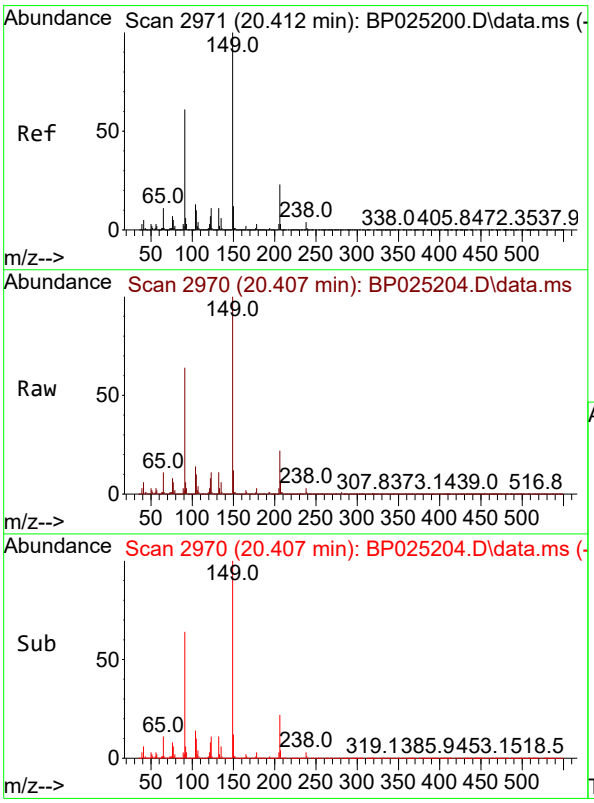
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	12.2	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
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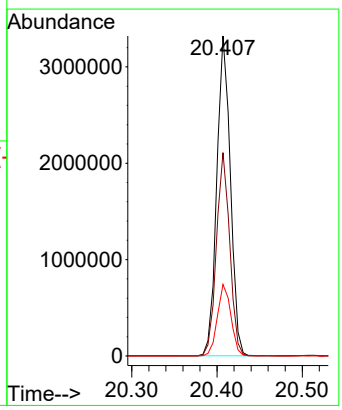
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

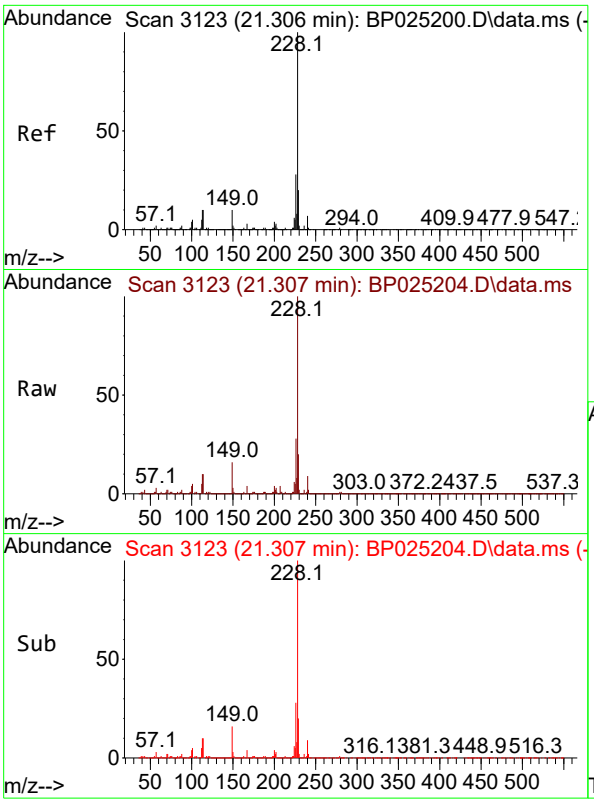


#80
Butylbenzylphthalate
Concen: 45.188 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 3669353

Ion	Ratio	Lower	Upper
149	100		
91	63.6	48.8	73.2
206	22.4	18.4	27.6

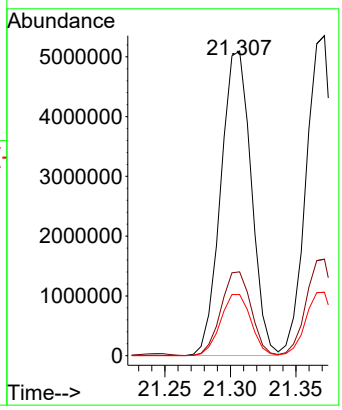




#81
Benzo(a)anthracene
Concen: 44.767 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:228 Resp: 822503

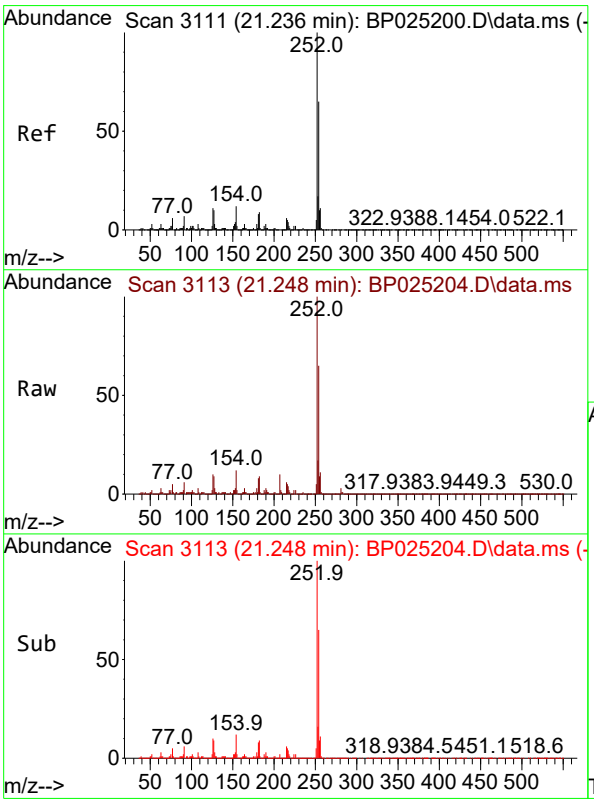
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.1	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

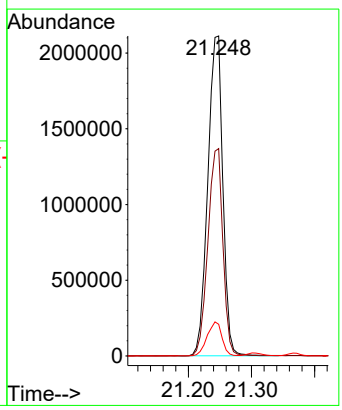
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

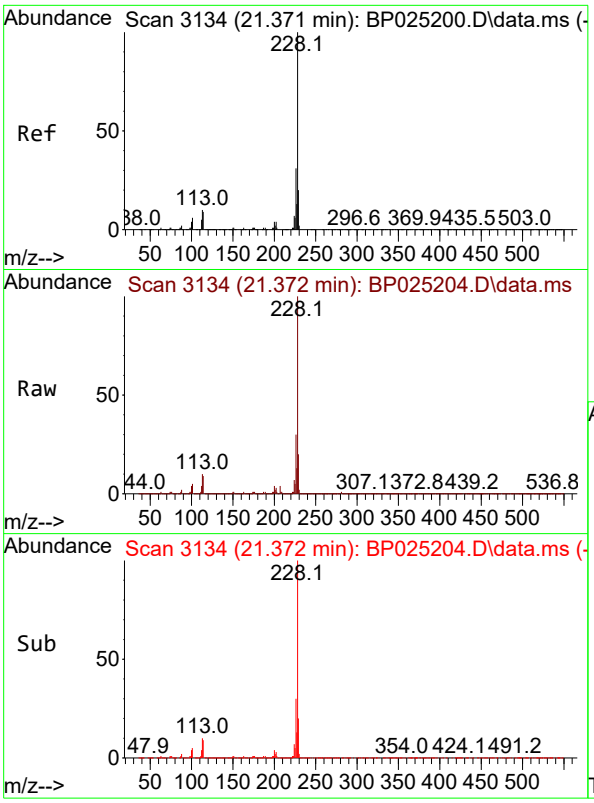


#82
3,3'-Dichlorobenzidine
Concen: 45.857 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 3492411

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	9.9	8.6	12.8

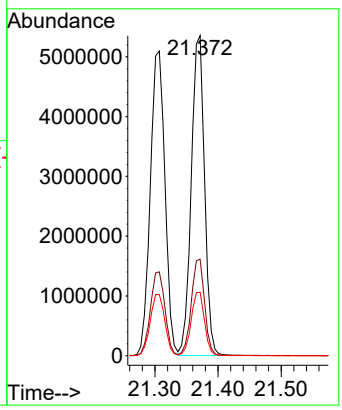




#83
Chrysene
Concen: 45.539 ng
RT: 21.372 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:228 Resp: 781032

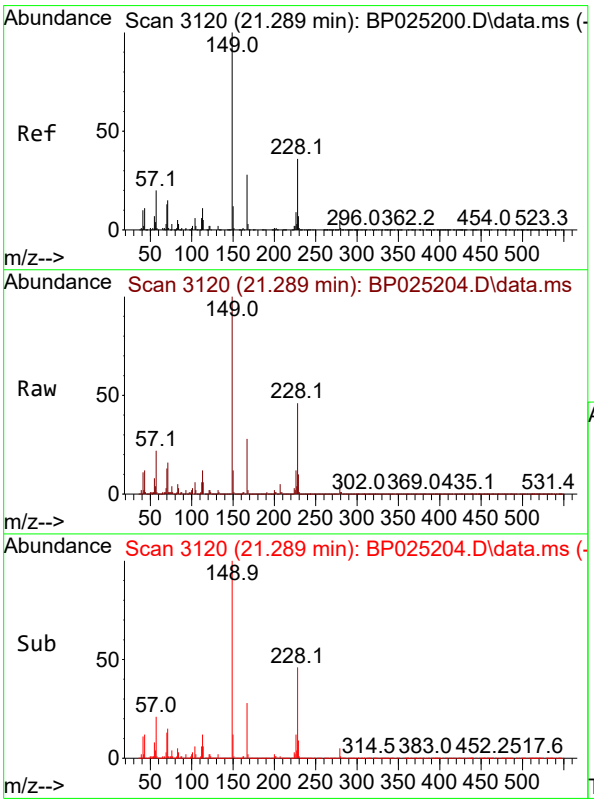
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

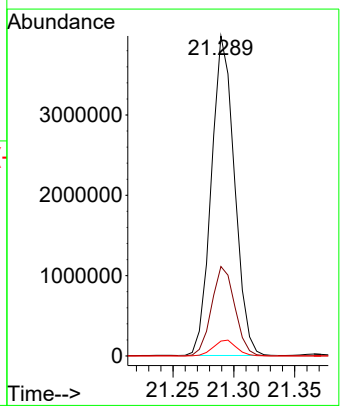
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

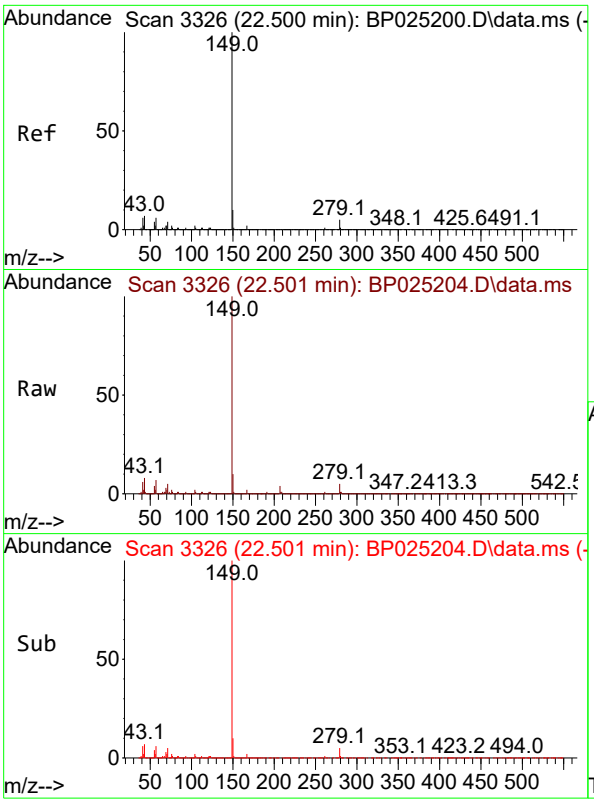


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.344 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 5264917

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	34.0
279	4.7	4.0	6.0

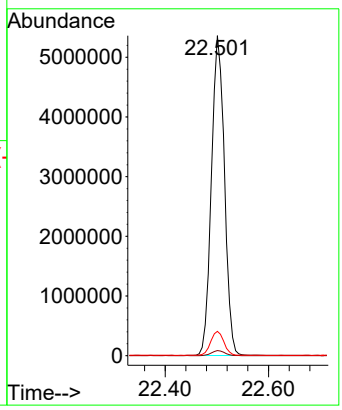




#85
Di-n-octyl phthalate
Concen: 46.799 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 938333

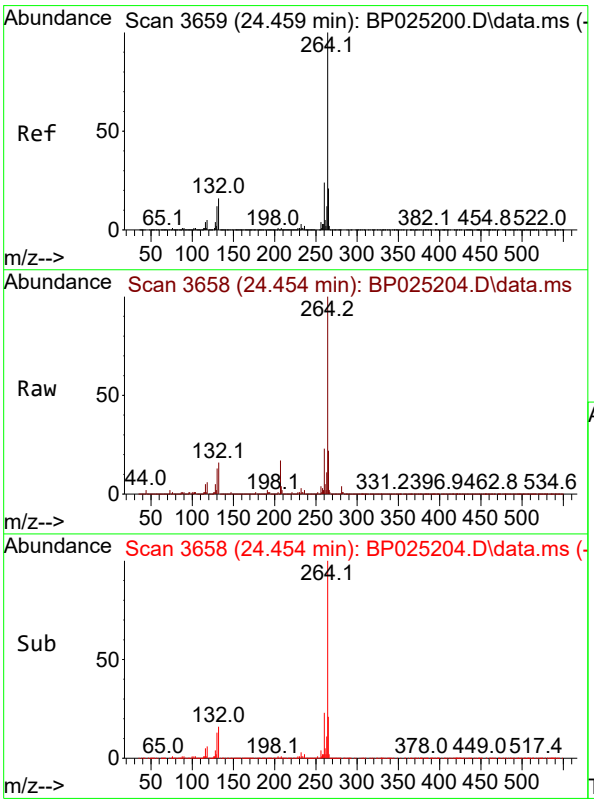
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.1	9.1



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

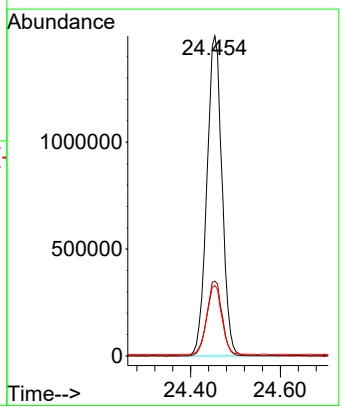
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

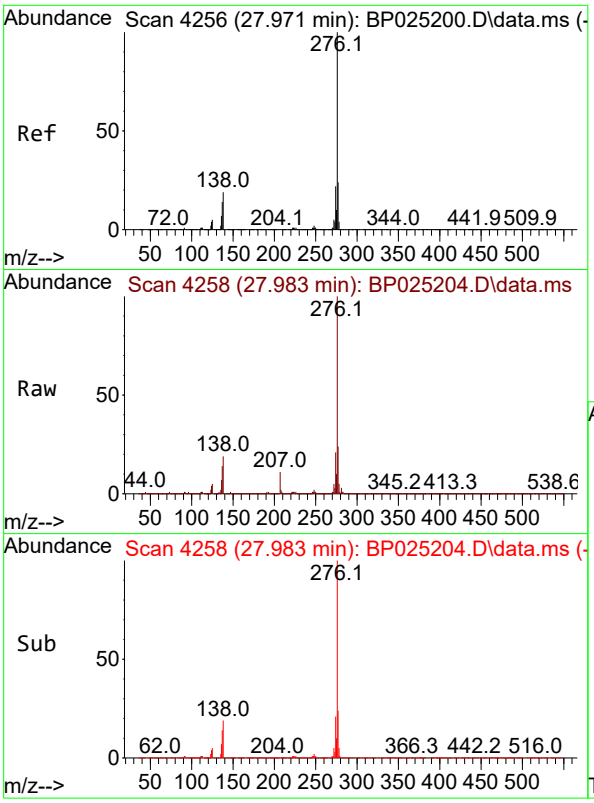


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:264 Resp: 3512838

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.0	17.5	26.3

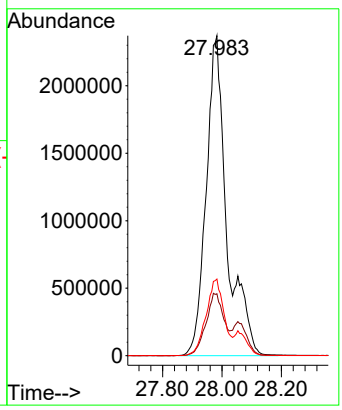




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.760 ng m
RT: 27.983 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:276 Resp:1149024

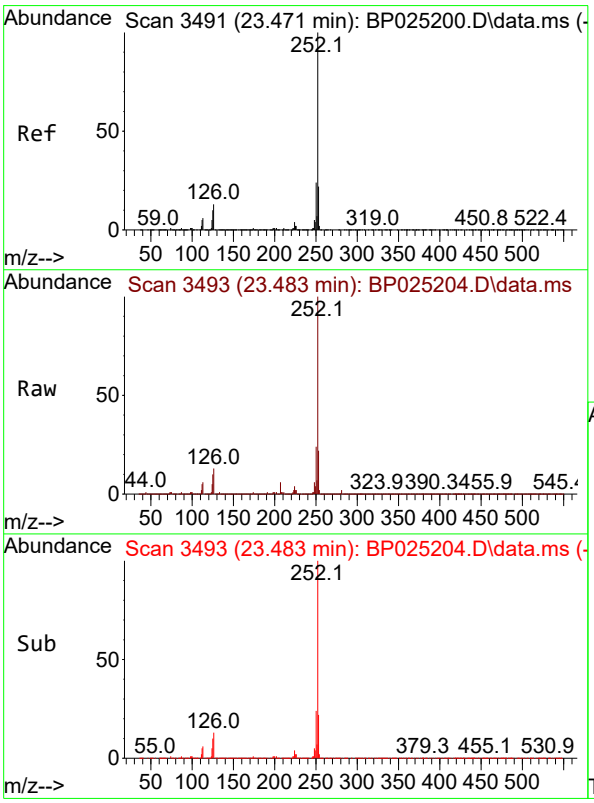
Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.8	19.2
277	20.8	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

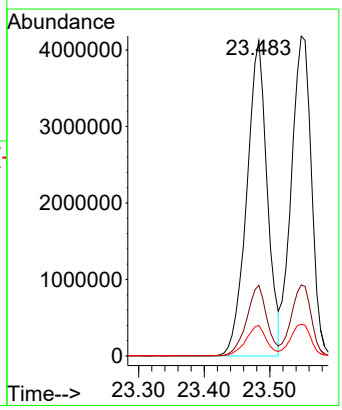
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

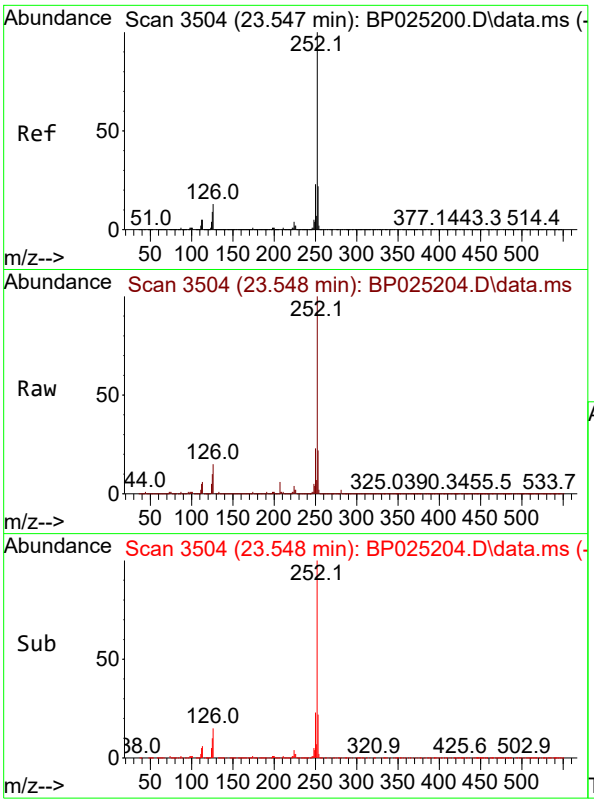


#88
Benzo(b)fluoranthene
Concen: 44.450 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8937938

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.7	7.8	11.8

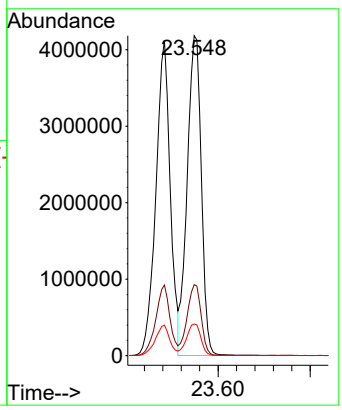




#89
Benzo(k)fluoranthene
Concen: 44.700 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 887335

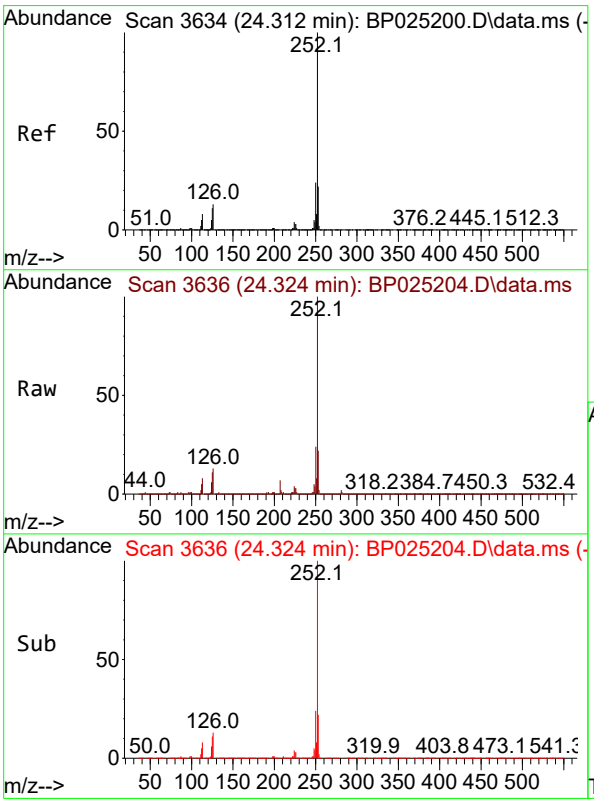
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.9	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

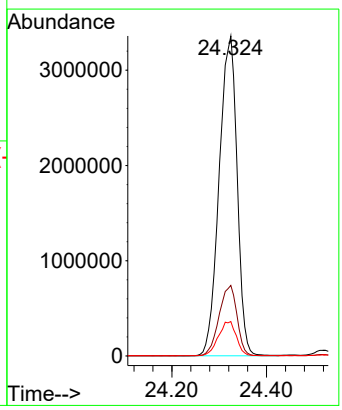
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

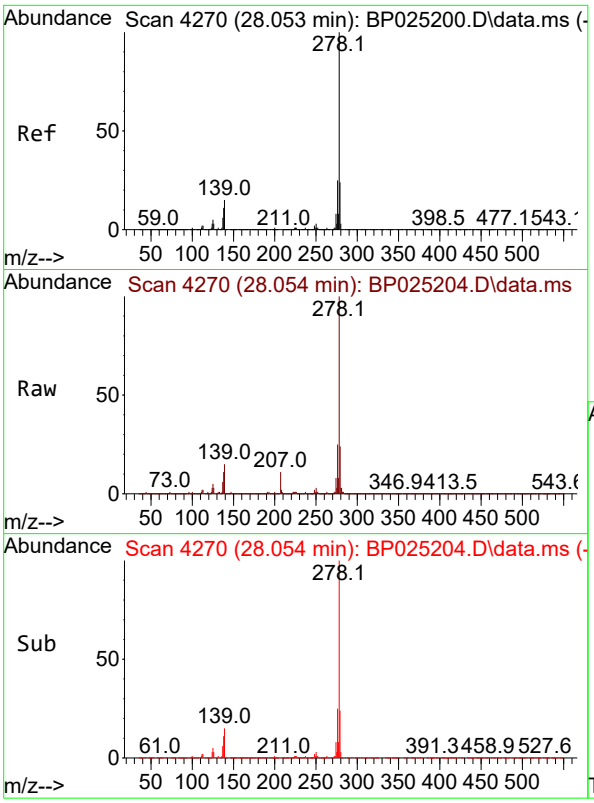


#90
Benzo(a)pyrene
Concen: 45.040 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8836252

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.7	8.6	12.8

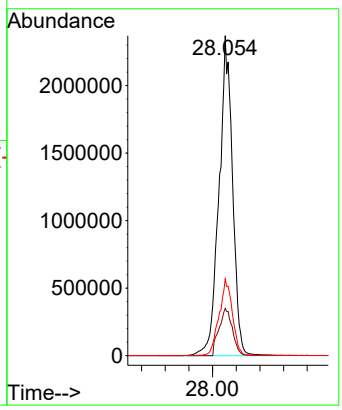




#91
Dibenzo(a,h)anthracene
Concen: 44.867 ng
RT: 28.054 min Scan# 4
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:278 Resp: 939684

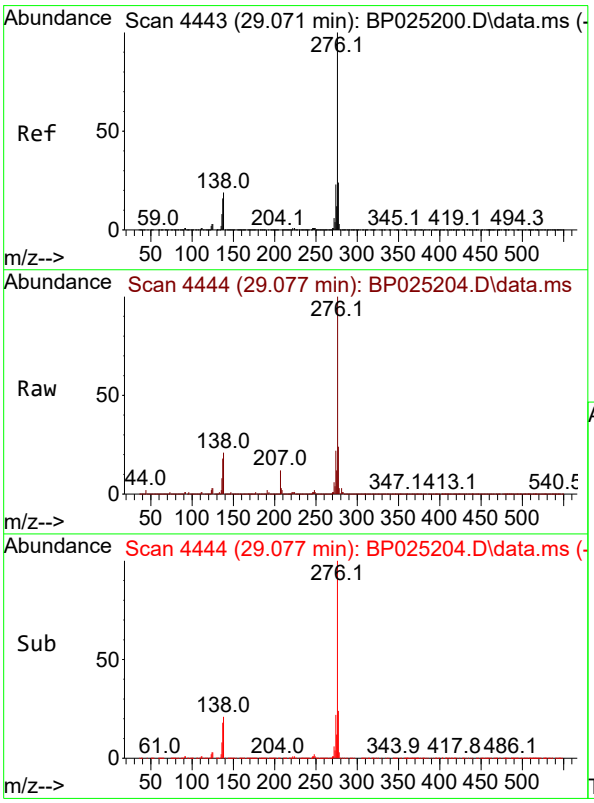
Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	23.9	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Manual Integrations
APPROVED

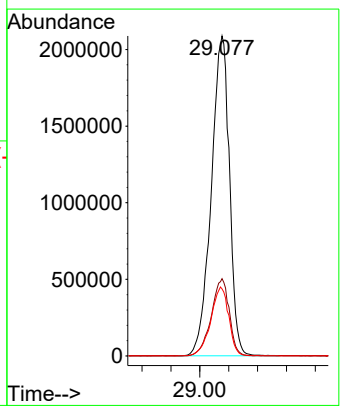
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025



#92
Benzo(g,h,i)perylene
Concen: 44.298 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:276 Resp: 9117542

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	20.9	15.4	23.2



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	73	0.00
2		1,4-Dioxane	0.444	0.480	-8.1	82	0.00
3		Pyridine	1.188	1.345	-13.2	85	0.00
4		n-Nitrosodimethylamine	0.471	0.533	-13.2	83	0.00
5	S	2-Fluorophenol	1.184	1.256	-6.1	79	0.00
6		Aniline	1.916	2.151	-12.3	82	0.00
7	S	Phenol-d6	1.466	1.557	-6.2	78	0.00
8		2-Chlorophenol	1.343	1.517	-13.0	83	0.00
9		Benzaldehyde	0.994	1.033	-3.9	68	0.00
10	C	Phenol	1.520	1.706	-12.2	82	0.00
11		bis(2-Chloroethyl)ether	1.166	1.313	-12.6	83	0.00
12		1,3-Dichlorobenzene	1.510	1.691	-12.0	83	0.00
13	C	1,4-Dichlorobenzene	1.525	1.714	-12.4	83	0.00
14		1,2-Dichlorobenzene	1.467	1.651	-12.5	83	0.00
15		Benzyl Alcohol	1.057	1.197	-13.2	83	0.00
16		2,2'-oxybis(1-Chloropropane	1.491	1.676	-12.4	83	0.00
17		2-Methylphenol	1.054	1.196	-13.5	83	0.00
18		Hexachloroethane	0.524	0.593	-13.2	84	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	1.006	-14.1	83	0.00
20		3+4-Methylphenols	1.438	1.627	-13.1	83	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22		Acetophenone	0.465	0.536	-15.3	84	0.00
23	S	Nitrobenzene-d5	0.360	0.358	0.6	72	0.00
24		Nitrobenzene	0.321	0.370	-15.3	83	0.00
25		Isophorone	0.633	0.717	-13.3	82	0.00
26	C	2-Nitrophenol	0.184	0.213	-15.8	82	0.00
27		2,4-Dimethylphenol	0.308	0.352	-14.3	82	0.00
28		bis(2-Chloroethoxy)methane	0.396	0.450	-13.6	83	0.00
29	C	2,4-Dichlorophenol	0.317	0.361	-13.9	82	0.00
30		1,2,4-Trichlorobenzene	0.346	0.389	-12.4	82	0.00
31		Naphthalene	1.023	1.145	-11.9	81	-0.01
32		Benzoic acid	0.235	0.278	-18.3	84	-0.02
33		4-Chloroaniline	0.450	0.511	-13.6	83	0.00
34	C	Hexachlorobutadiene	0.208	0.231	-11.1	81	0.00
35		Caprolactam	0.105	0.119	-13.3	84	0.00
36	C	4-Chloro-3-methylphenol	0.317	0.363	-14.5	84	0.00
37		2-Methylnaphthalene	0.665	0.737	-10.8	81	0.00
38		1-Methylnaphthalene	0.698	0.787	-12.8	82	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	0.599	0.685	-14.4	83	0.01
41	P	Hexachlorocyclopentadiene	0.358	0.434	-21.2	88	0.00
42	S	2,4,6-Tribromophenol	0.295	0.319	-8.1	80	0.00
43	C	2,4,6-Trichlorophenol	0.410	0.467	-13.9	82	0.00
44		2,4,5-Trichlorophenol	0.451	0.508	-12.6	81	0.00
45	S	2-Fluorobiphenyl	1.419	1.442	-1.6	74	0.00
46		1,1'-Biphenyl	1.450	1.646	-13.5	83	0.00
47		2-Chloronaphthalene	1.132	1.275	-12.6	83	0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	0.289	0.334	-15.6	83	0.00
49		Acenaphthylene	1.831	2.112	-15.3	84	0.00
50		Dimethylphthalate	1.430	1.600	-11.9	83	0.00
51		2,6-Dinitrotoluene	0.311	0.359	-15.4	83	0.00
52	C	Acenaphthene	1.059	1.204	-13.7	84	0.00
53		3-Nitroaniline	0.350	0.402	-14.9	84	0.00
54	P	2,4-Dinitrophenol	0.184	0.215	-16.8	86	0.00
55		Dibenzofuran	1.710	1.961	-14.7	84	0.00
56	P	4-Nitrophenol	0.300	0.347	-15.7	86	0.00
57		2,4-Dinitrotoluene	0.435	0.510	-17.2	84	0.00
58		Fluorene	1.358	1.556	-14.6	84	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.456	-14.3	84	0.00
60		Diethylphthalate	1.410	1.580	-12.1	82	0.00
61		4-Chlorophenyl-phenylether	0.686	0.777	-13.3	83	0.00
62		4-Nitroaniline	0.356	0.412	-15.7	85	0.00
63		Azobenzene	1.149	1.314	-14.4	84	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	74	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.151	-17.1	85	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.684	-12.7	85	0.00
67		4-Bromophenyl-phenylether	0.233	0.257	-10.3	82	0.00
68		Hexachlorobenzene	0.277	0.311	-12.3	82	0.00
69		Atrazine	0.225	0.256	-13.8	86	0.00
70	C	Pentachlorophenol	0.188	0.215	-14.4	84	0.00
71		Phenanthrene	1.079	1.231	-14.1	86	0.00
72		Anthracene	1.087	1.248	-14.8	86	0.00
73		Carbazole	1.037	1.186	-14.4	86	0.00
74		Di-n-butylphthalate	1.197	1.407	-17.5	86	0.00
75	C	Fluoranthene	1.270	1.471	-15.8	87	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77		Benzidine	0.702	0.877	-24.9	82	0.00
78		Pyrene	1.233	1.423	-15.4	89	0.00
79	S	Terphenyl-d14	1.013	0.994	1.9	88	0.00
80		Butylbenzylphthalate	0.558	0.631	-13.1	88	0.00
81		Benzo(a)anthracene	1.263	1.414	-12.0	90	0.00
82		3,3'-Dichlorobenzidine	0.524	0.600	-14.5	93	0.01
83		Chrysene	1.179	1.342	-13.8	92	0.00
84		Bis(2-ethylhexyl)phthalate	0.798	0.905	-13.4	89	0.00
85	c	Di-n-octyl phthalate	1.378	1.613	-17.1	92	0.00
86	I	Perylene-d12	1.000	1.000	0.0	81	0.00
87		Indeno(1,2,3-cd)pyrene	1.462	1.635	-11.8	93	0.01
88		Benzo(b)fluoranthene	1.145	1.272	-11.1	91	0.01
89		Benzo(k)fluoranthene	1.130	1.263	-11.8	90	0.00
90	C	Benzo(a)pyrene	1.117	1.258	-12.6	92	0.01
91		Dibenzo(a,h)anthracene	1.192	1.338	-12.2	92	0.00
92		Benzo(g,h,i)perylene	1.172	1.298	-10.8	91	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
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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	73	0.00
2		1,4-Dioxane	40.000	43.294	-8.2	82	0.00
3		Pyridine	40.000	45.312	-13.3	85	0.00
4		n-Nitrosodimethylamine	40.000	45.271	-13.2	83	0.00
5	S	2-Fluorophenol	80.000	84.913	-6.1	79	0.00
6		Aniline	40.000	44.906	-12.3	82	0.00
7	S	Phenol-d6	80.000	84.951	-6.2	78	0.00
8		2-Chlorophenol	40.000	45.173	-12.9	83	0.00
9		Benzaldehyde	40.000	41.579	-3.9	68	0.00
10	C	Phenol	40.000	44.894	-12.2	82	0.00
11		bis(2-Chloroethyl)ether	40.000	45.044	-12.6	83	0.00
12		1,3-Dichlorobenzene	40.000	44.791	-12.0	83	0.00
13	C	1,4-Dichlorobenzene	40.000	44.972	-12.4	83	0.00
14		1,2-Dichlorobenzene	40.000	45.020	-12.6	83	0.00
15		Benzyl Alcohol	40.000	45.260	-13.1	83	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	44.953	-12.4	83	0.00
17		2-Methylphenol	40.000	45.385	-13.5	83	0.00
18		Hexachloroethane	40.000	45.213	-13.0	84	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	45.622	-14.1	83	0.00
20		3+4-Methylphenols	40.000	45.254	-13.1	83	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22		Acetophenone	40.000	46.041	-15.1	84	0.00
23	S	Nitrobenzene-d5	80.000	79.573	0.5	72	0.00
24		Nitrobenzene	40.000	46.187	-15.5	83	0.00
25		Isophorone	40.000	45.319	-13.3	82	0.00
26	C	2-Nitrophenol	40.000	46.272	-15.7	82	0.00
27		2,4-Dimethylphenol	40.000	45.737	-14.3	82	0.00
28		bis(2-Chloroethoxy)methane	40.000	45.503	-13.8	83	0.00
29	C	2,4-Dichlorophenol	40.000	45.622	-14.1	82	0.00
30		1,2,4-Trichlorobenzene	40.000	44.986	-12.5	82	0.00
31		Naphthalene	40.000	44.759	-11.9	81	-0.01
32		Benzoic acid	40.000	47.203	-18.0	84	-0.02
33		4-Chloroaniline	40.000	45.428	-13.6	83	0.00
34	C	Hexachlorobutadiene	40.000	44.380	-11.0	81	0.00
35		Caprolactam	40.000	45.393	-13.5	84	0.00
36	C	4-Chloro-3-methylphenol	40.000	45.907	-14.8	84	0.00
37		2-Methylnaphthalene	40.000	44.372	-10.9	81	0.00
38		1-Methylnaphthalene	40.000	45.095	-12.7	82	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	45.726	-14.3	83	0.01
41	P	Hexachlorocyclopentadiene	40.000	48.517	-21.3	88	0.00
42	S	2,4,6-Tribromophenol	80.000	86.546	-8.2	80	0.00
43	C	2,4,6-Trichlorophenol	40.000	45.567	-13.9	82	0.00
44		2,4,5-Trichlorophenol	40.000	45.080	-12.7	81	0.00
45	S	2-Fluorobiphenyl	80.000	81.308	-1.6	74	0.00
46		1,1'-Biphenyl	40.000	45.416	-13.5	83	0.00
47		2-Chloronaphthalene	40.000	45.062	-12.7	83	0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
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Instrument :
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ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
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QLast Update : Tue Jul 22 02:55:21 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	46.176	-15.4	83	0.00
49		Acenaphthylene	40.000	46.141	-15.4	84	0.00
50		Dimethylphthalate	40.000	44.753	-11.9	83	0.00
51		2,6-Dinitrotoluene	40.000	46.230	-15.6	83	0.00
52	C	Acenaphthene	40.000	45.507	-13.8	84	0.00
53		3-Nitroaniline	40.000	45.931	-14.8	84	0.00
54	P	2,4-Dinitrophenol	40.000	46.791	-17.0	86	0.00
55		Dibenzofuran	40.000	45.869	-14.7	84	0.00
56	P	4-Nitrophenol	40.000	46.237	-15.6	86	0.00
57		2,4-Dinitrotoluene	40.000	46.930	-17.3	84	0.00
58		Fluorene	40.000	45.851	-14.6	84	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.744	-14.4	84	0.00
60		Diethylphthalate	40.000	44.844	-12.1	82	0.00
61		4-Chlorophenyl-phenylether	40.000	45.300	-13.2	83	0.00
62		4-Nitroaniline	40.000	46.208	-15.5	85	0.00
63		Azobenzene	40.000	45.735	-14.3	84	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	74	0.00
65		4,6-Dinitro-2-methylphenol	40.000	46.654	-16.6	85	0.00
66	c	n-Nitrosodiphenylamine	40.000	45.067	-12.7	85	0.00
67		4-Bromophenyl-phenylether	40.000	44.020	-10.1	82	0.00
68		Hexachlorobenzene	40.000	44.819	-12.0	82	0.00
69		Atrazine	40.000	45.593	-14.0	86	0.00
70	C	Pentachlorophenol	40.000	45.651	-14.1	84	0.00
71		Phenanthrene	40.000	45.655	-14.1	86	0.00
72		Anthracene	40.000	45.942	-14.9	86	0.00
73		Carbazole	40.000	45.725	-14.3	86	0.00
74		Di-n-butylphthalate	40.000	47.030	-17.6	86	0.00
75	C	Fluoranthene	40.000	46.353	-15.9	87	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77		Benzidine	40.000	49.969	-24.9	82	0.00
78		Pyrene	40.000	46.157	-15.4	89	0.00
79	S	Terphenyl-d14	80.000	78.518	1.9	88	0.00
80		Butylbenzylphthalate	40.000	45.188	-13.0	88	0.00
81		Benzo(a)anthracene	40.000	44.767	-11.9	90	0.00
82		3,3'-Dichlorobenzidine	40.000	45.857	-14.6	93	0.01
83		Chrysene	40.000	45.539	-13.8	92	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.344	-13.4	89	0.00
85	c	Di-n-octyl phthalate	40.000	46.799	-17.0	92	0.00
86	I	Perylene-d12	20.000	20.000	0.0	81	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	44.760	-11.9	93	0.01
88		Benzo(b)fluoranthene	40.000	44.450	-11.1	91	0.01
89		Benzo(k)fluoranthene	40.000	44.700	-11.8	90	0.00
90	C	Benzo(a)pyrene	40.000	45.040	-12.6	92	0.01
91		Dibenzo(a,h)anthracene	40.000	44.867	-12.2	92	0.00
92		Benzo(g,h,i)perylene	40.000	44.298	-10.7	91	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
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Acq On : 21 Jul 2025 19:55
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Sample : SSTDICV040
Misc :
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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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_F Calibration Date/Time: 07/22/2025 08:46

Lab File ID: BF143177.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.232		-2.5	
Phenol-d6	1.591	1.553		-2.4	
Nitrobenzene-d5	0.401	0.400		-0.2	
Naphthalene	0.985	0.952		-3.3	
2-Methylnaphthalene	0.599	0.584		-2.5	
2-Fluorobiphenyl	1.462	1.361		-6.9	
Acenaphthylene	1.935	1.864		-3.7	
Acenaphthene	1.144	1.105		-3.4	20.0
Fluorene	1.274	1.229		-3.5	
2,4,6-Tribromophenol	0.207	0.215		3.9	
Phenanthrene	1.062	1.023		-3.7	
Anthracene	1.083	1.044		-3.6	
Fluoranthene	0.975	1.003		2.9	20.0
Pyrene	1.707	1.892		10.8	
Terphenyl-d14	1.344	1.450		7.9	
Benzo(a)anthracene	1.339	1.294		-3.4	
Chrysene	1.204	1.190		-1.2	
Benzo(b)fluoranthene	1.222	1.268		3.8	
Benzo(k)fluoranthene	1.090	0.989		-9.3	
Benzo(a)pyrene	1.126	1.116		-0.9	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.410		0.0	
Dibenzo(a,h)anthracene	1.148	1.153		0.4	
Benzo(g,h,i)perylene	1.110	1.136		2.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	137586	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	540273	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	287067	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	481775	20.000	ng		0.00
76) Chrysene-d12	14.127	240	251217	20.000	ng		0.00
86) Perylene-d12	15.633	264	256275	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	677807	77.959	ng		0.00
7) Phenol-d6	6.587	99	854417	78.075	ng		0.00
23) Nitrobenzene-d5	7.522	82	865138	79.820	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	246542	83.135	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1563287	74.477	ng		0.00
79) Terphenyl-d14	13.069	244	1456637	86.285	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	160989	39.132	ng		99
3) Pyridine	3.593	79	412780	38.657	ng		100
4) n-Nitrosodimethylamine	3.534	42	217539	39.459	ng		100
6) Aniline	6.628	93	597655	39.186	ng		99
8) 2-Chlorophenol	6.751	128	362170	39.740	ng		97
9) Benzaldehyde	6.522	77	1059534	129.116	ng		98
10) Phenol	6.598	94	494165	41.450	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	355973	38.997	ng		99
12) 1,3-Dichlorobenzene	6.910	146	386885	39.079	ng		98
13) 1,4-Dichlorobenzene	6.981	146	392969	39.415	ng		100
14) 1,2-Dichlorobenzene	7.134	146	374905	39.536	ng		99
15) Benzyl Alcohol	7.098	79	336956	40.325	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	670842	39.617	ng		99
17) 2-Methylphenol	7.210	107	304327	39.715	ng		99
18) Hexachloroethane	7.481	117	139222	40.337	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	272545	38.818	ng		98
20) 3+4-Methylphenols	7.363	107	379841	40.856	ng	#	84
22) Acetophenone	7.369	105	488181	38.166	ng		98
24) Nitrobenzene	7.545	77	403502	39.931	ng		100
25) Isophorone	7.781	82	753928	39.403	ng		100
26) 2-Nitrophenol	7.857	139	186034	42.420	ng		98
27) 2,4-Dimethylphenol	7.892	122	348982	39.039	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	444443	38.742	ng		100
29) 2,4-Dichlorophenol	8.098	162	296155	39.284	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	314359	38.597	ng		100
31) Naphthalene	8.269	128	1028678	38.661	ng		100
32) Benzoic acid	7.992	122	210097	42.399	ng		99
33) 4-Chloroaniline	8.310	127	426934	39.296	ng		100
34) Hexachlorobutadiene	8.392	225	193031	38.797	ng		98
35) Caprolactam	8.681	113	99092	43.497	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	328015	40.031	ng		99
37) 2-Methylnaphthalene	8.957	142	630618	38.948	ng		99
38) 1-Methylnaphthalene	9.057	142	657714	39.448	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	311045	37.530	ng		99
41) Hexachlorocyclopentadiene	9.116	237	209543	38.857	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	222071	38.716	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

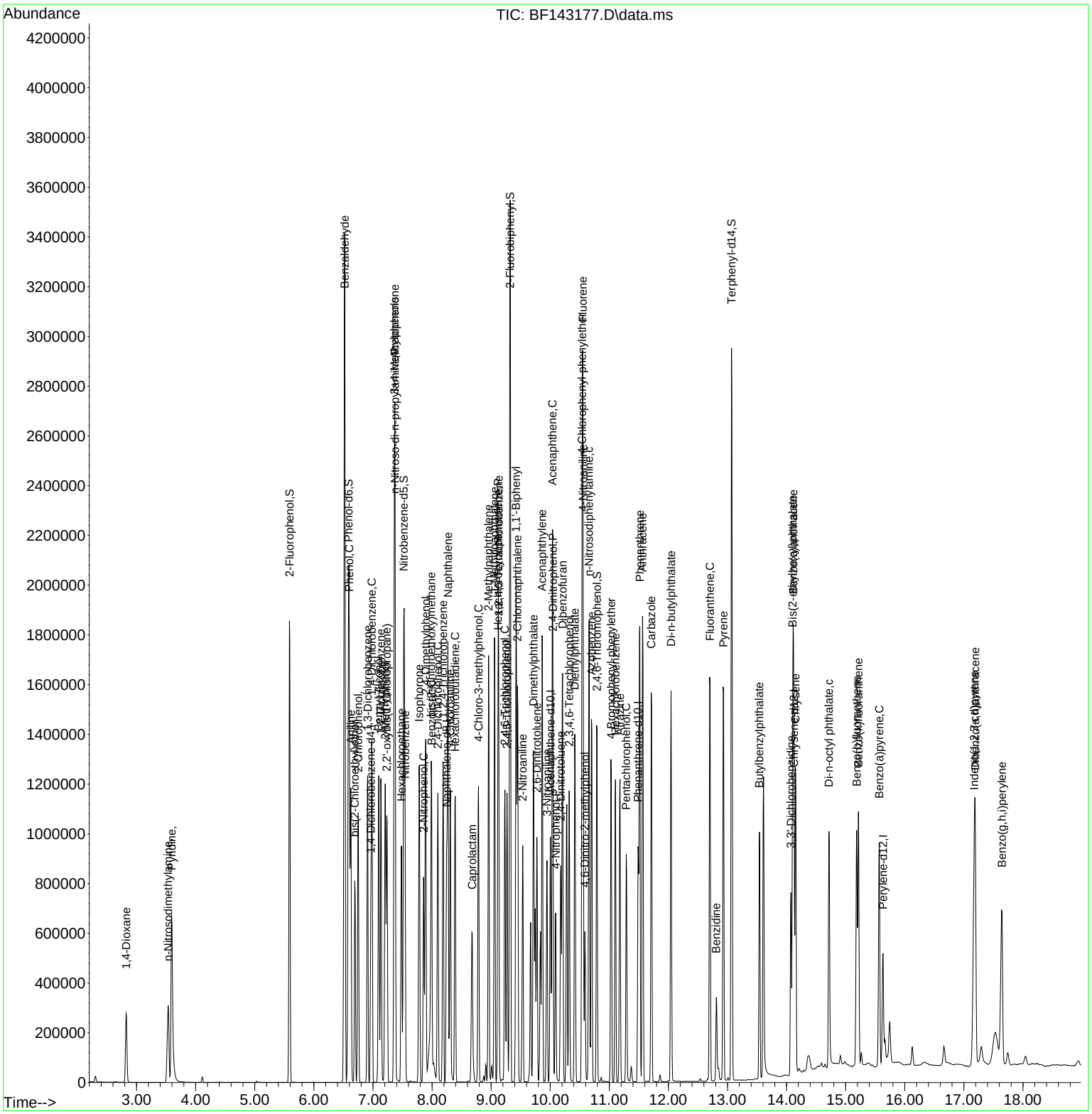
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	227262	39.609	ng	97
46) 1,1'-Biphenyl	9.422	154	852399	38.059	ng	100
47) 2-Chloronaphthalene	9.445	162	630848	38.067	ng	100
48) 2-Nitroaniline	9.533	65	219714	42.277	ng	98
49) Acenaphthylene	9.863	152	1070369	38.541	ng	100
50) Dimethylphthalate	9.716	163	739129	39.501	ng	99
51) 2,6-Dinitrotoluene	9.775	165	163183	42.869	ng	99
52) Acenaphthene	10.039	154	634518	38.656	ng	98
53) 3-Nitroaniline	9.945	138	182622	41.017	ng	99
54) 2,4-Dinitrophenol	10.045	184	68517	43.071	ng	74
55) Dibenzofuran	10.210	168	942628	38.679	ng	99
56) 4-Nitrophenol	10.092	139	136348	41.010	ng	99
57) 2,4-Dinitrotoluene	10.180	165	208497	43.658	ng	95
58) Fluorene	10.551	166	705686	38.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	195488	41.130	ng	100
60) Diethylphthalate	10.416	149	745293	40.297	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	355248	39.006	ng	98
62) 4-Nitroaniline	10.557	138	160383	42.030	ng	99
63) Azobenzene	10.698	77	770158	39.955	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	100286	40.643	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647888	38.190	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	217849	37.943	ng	98
68) Hexachlorobenzene	11.104	284	228054	38.002	ng	99
69) Atrazine	11.180	200	194126	41.506	ng	100
70) Pentachlorophenol	11.286	266	146798	41.596	ng	99
71) Phenanthrene	11.516	178	986033	38.546	ng	100
72) Anthracene	11.563	178	1006010	38.560	ng	100
73) Carbazole	11.710	167	905667	39.755	ng	99
74) Di-n-butylphthalate	12.045	149	1085481	42.111	ng	100
75) Fluoranthene	12.704	202	966154	41.148	ng	100
77) Benzidine	12.810	184	218195	22.544	ng	99
78) Pyrene	12.933	202	950663	44.341	ng	99
80) Butylbenzylphthalate	13.539	149	311792	47.491	ng	99
81) Benzo(a)anthracene	14.116	228	650070	38.651	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	215912	38.517	ng	100
83) Chrysene	14.151	228	597875	39.537	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	414006	41.663	ng	100
85) Di-n-octyl phthalate	14.715	149	684937	38.026	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	722484	39.981	ng	99
88) Benzo(b)fluoranthene	15.186	252	649846	41.508	ng	100
89) Benzo(k)fluoranthene	15.215	252	507153	36.301	ng	99
90) Benzo(a)pyrene	15.568	252	571955	39.651	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	590913	40.175	ng	100
92) Benzo(g,h,i)perylene	17.645	276	582117	40.914	ng	99

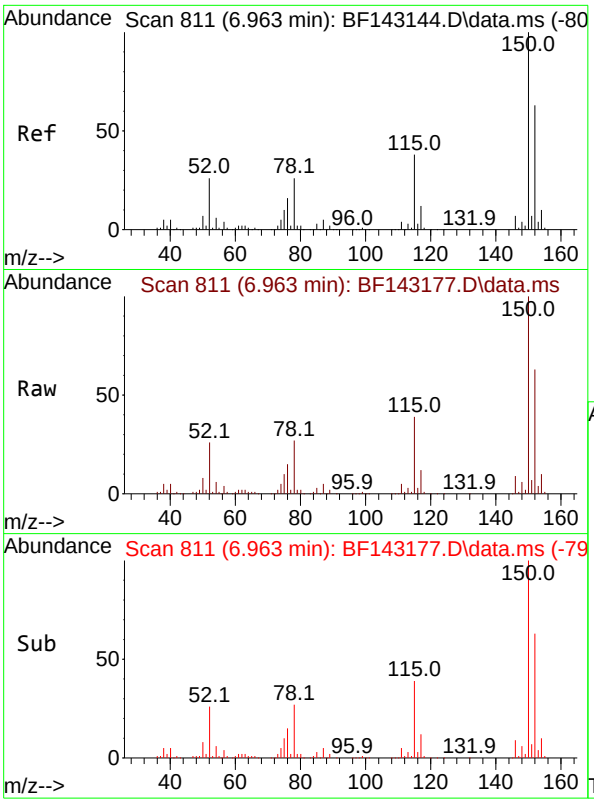
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



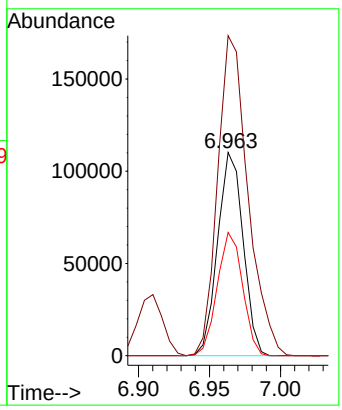


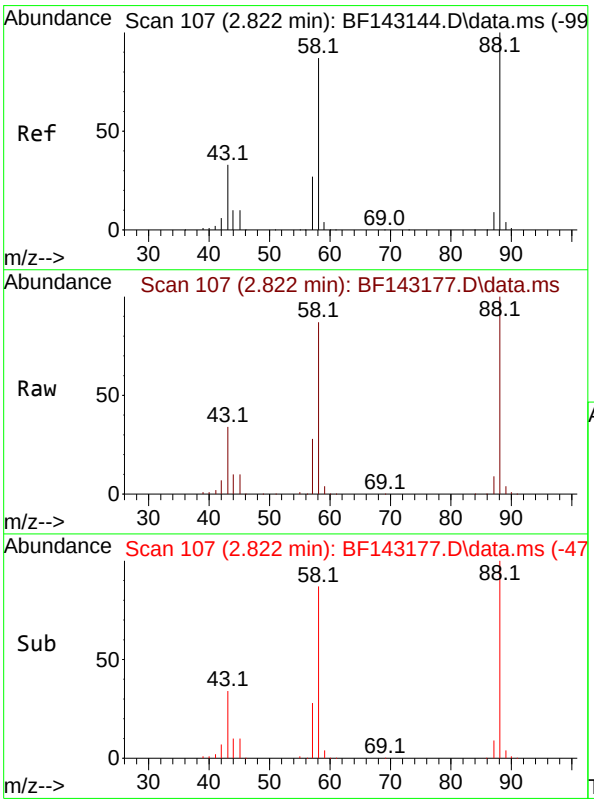
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 137586

Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.2	192.4
115	60.6	47.9	71.9

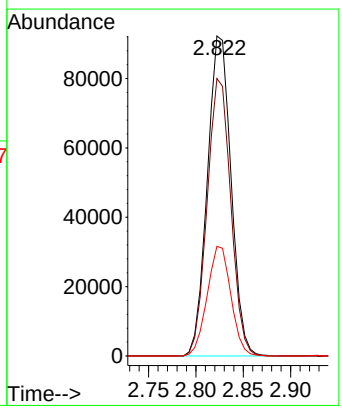


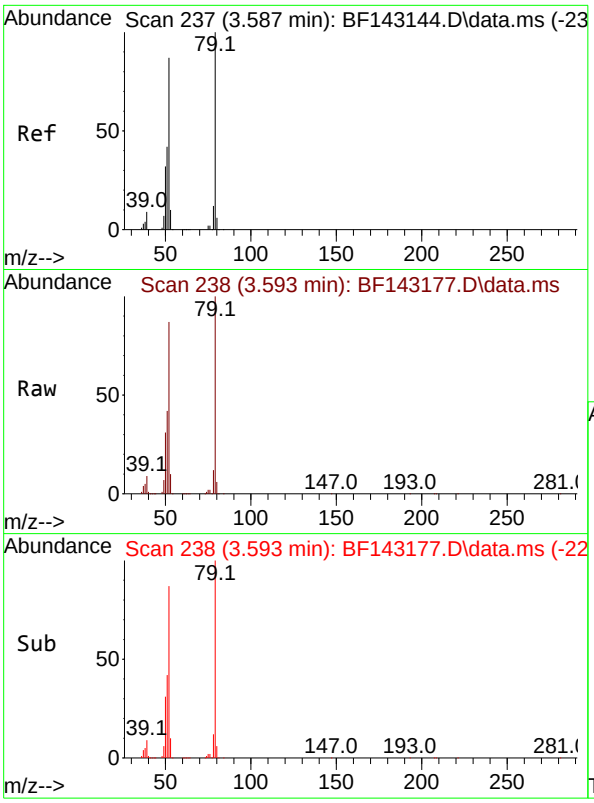


#2
1,4-Dioxane
Concen: 39.132 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 88 Resp: 160989

Ion	Ratio	Lower	Upper
88	100		
58	86.2	70.2	105.2
43	34.3	27.1	40.7



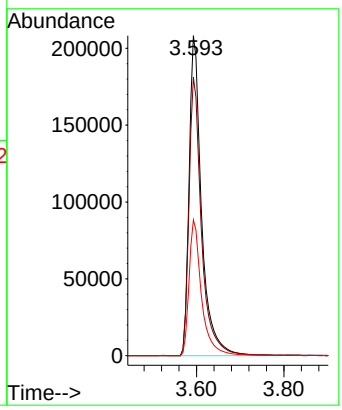


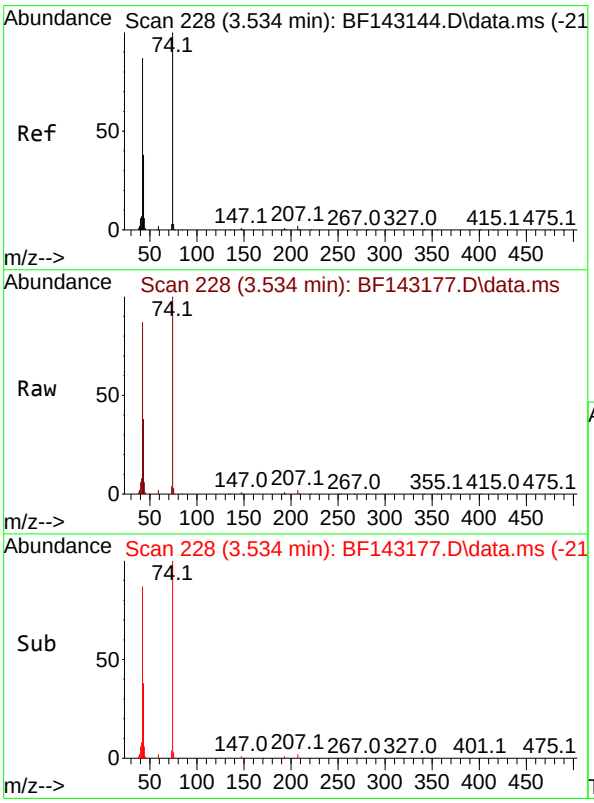
#3
Pyridine
Concen: 38.657 ng
RT: 3.593 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 412780

Ion	Ratio	Lower	Upper
79	100		
52	87.0	69.4	104.2
51	42.4	33.5	50.3

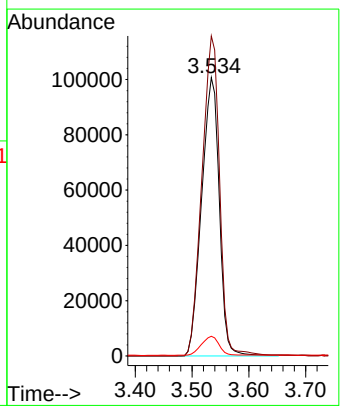


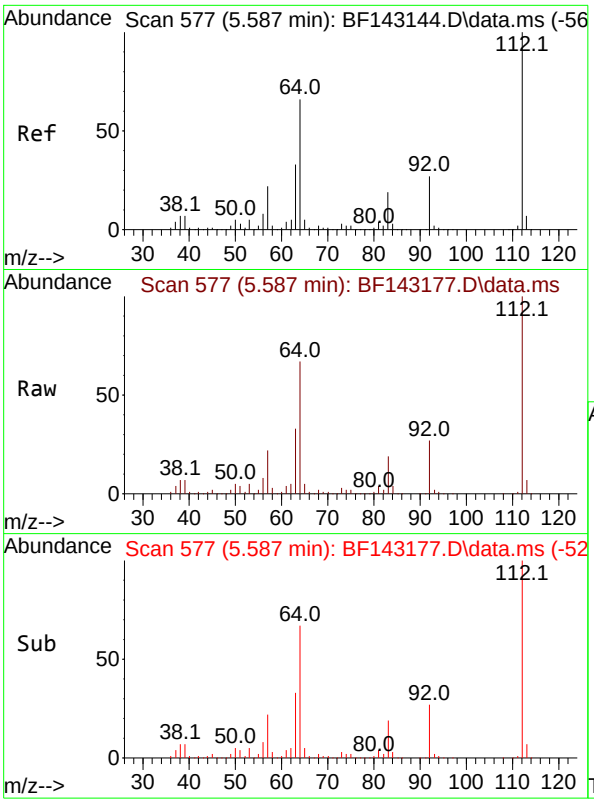


#4
n-Nitrosodimethylamine
Concen: 39.459 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 42 Resp: 217539

Ion	Ratio	Lower	Upper
42	100		
74	115.0	91.7	137.5
44	7.1	5.6	8.4



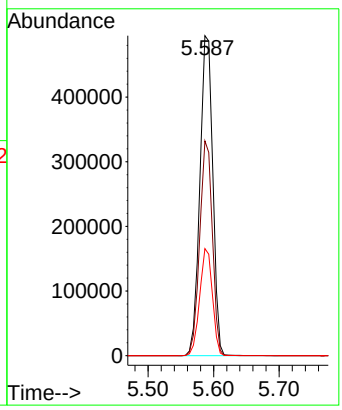


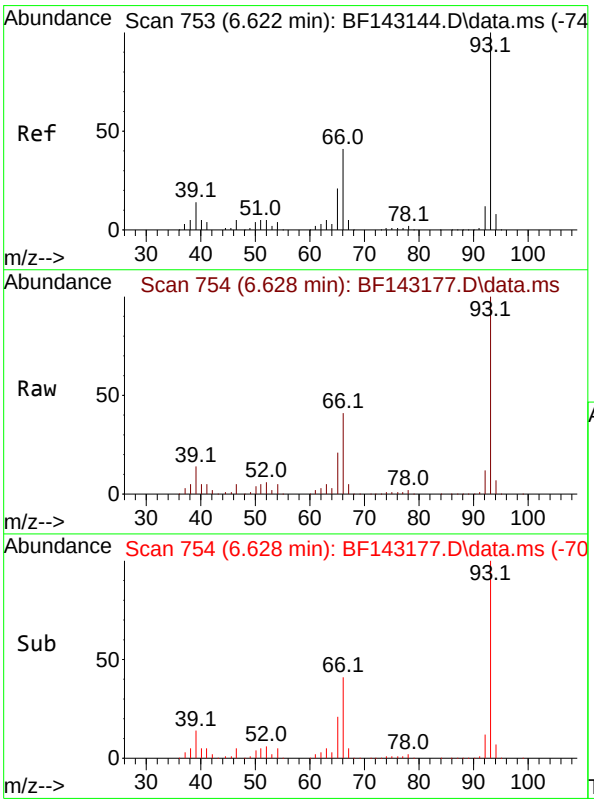
#5
2-Fluorophenol
Concen: 77.959 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 677807

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.1	79.7
63	33.5	26.6	40.0

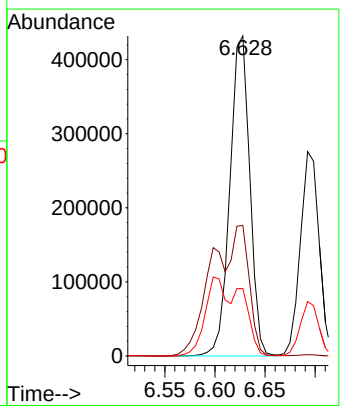


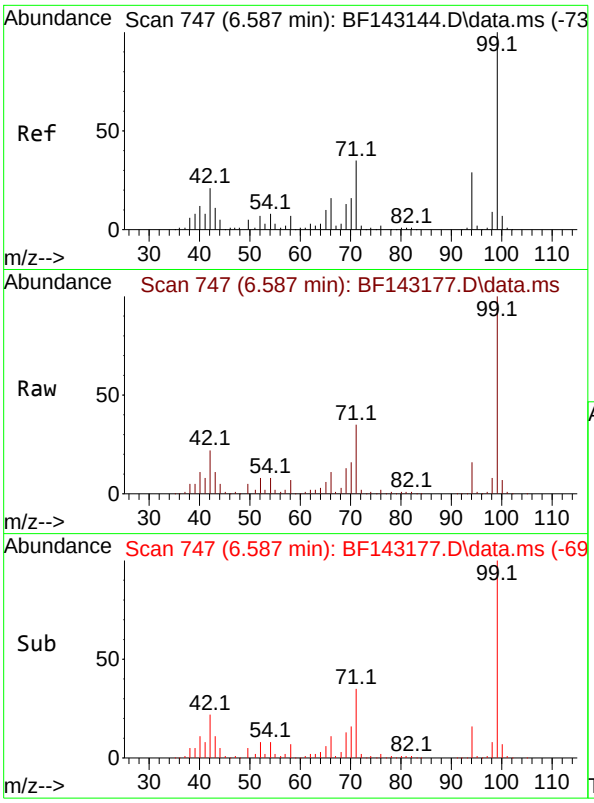


#6
Aniline
Concen: 39.186 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 93 Resp: 597655

Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.2	49.8
65	21.1	16.9	25.3



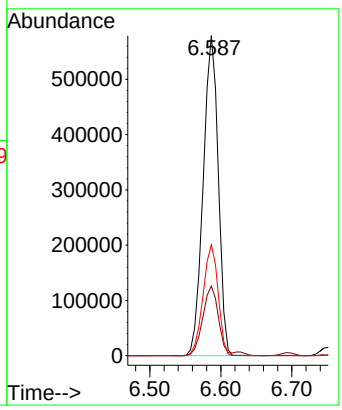


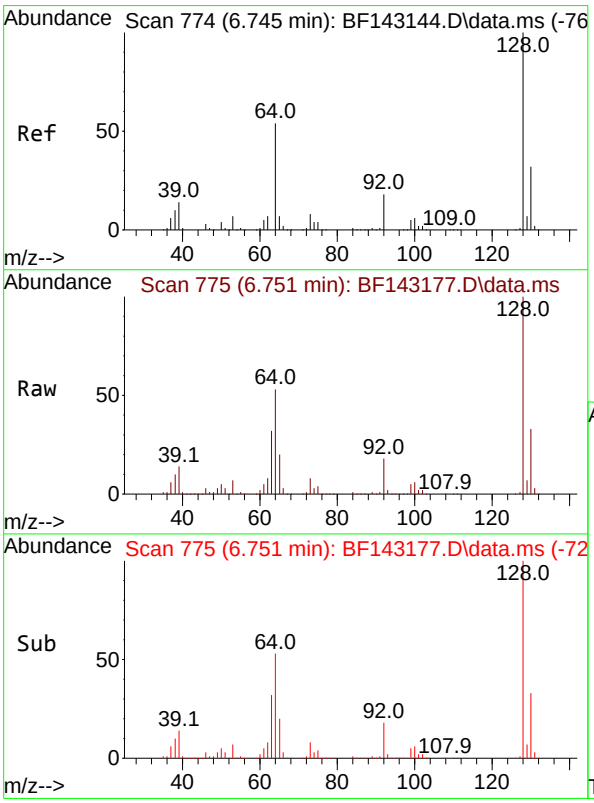
#7
Phenol-d6
Concen: 78.075 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 854417

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	34.7	27.7	41.5

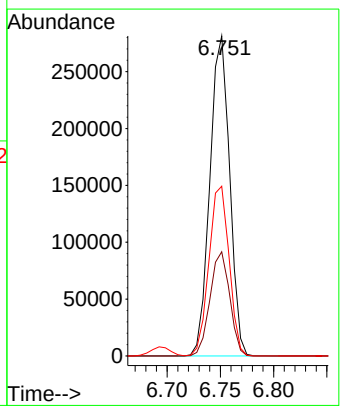


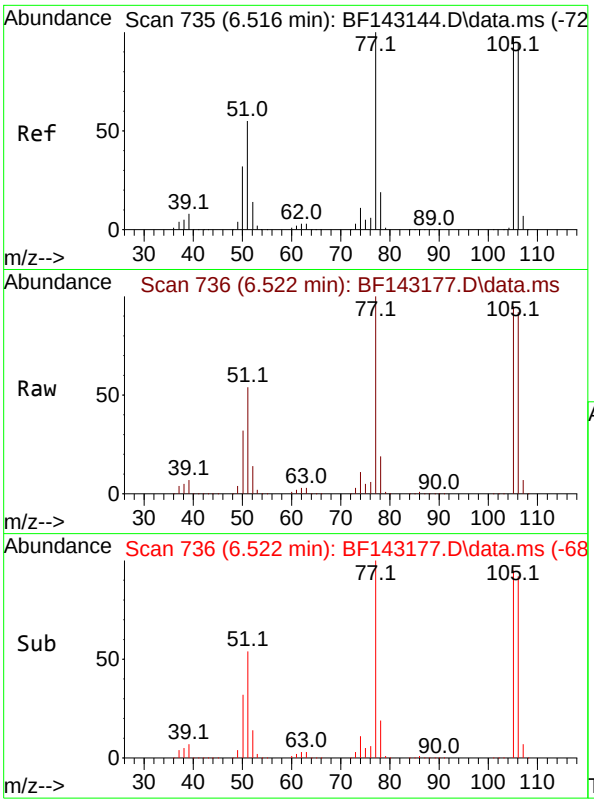


#8
2-Chlorophenol
Concen: 39.740 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:128 Resp: 362170

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	53.1	35.9	75.9



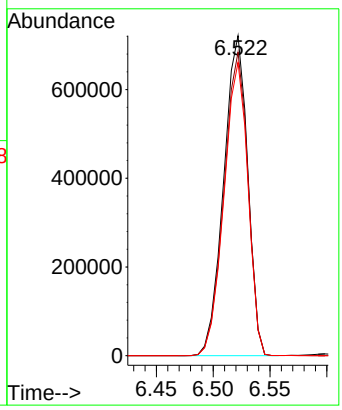


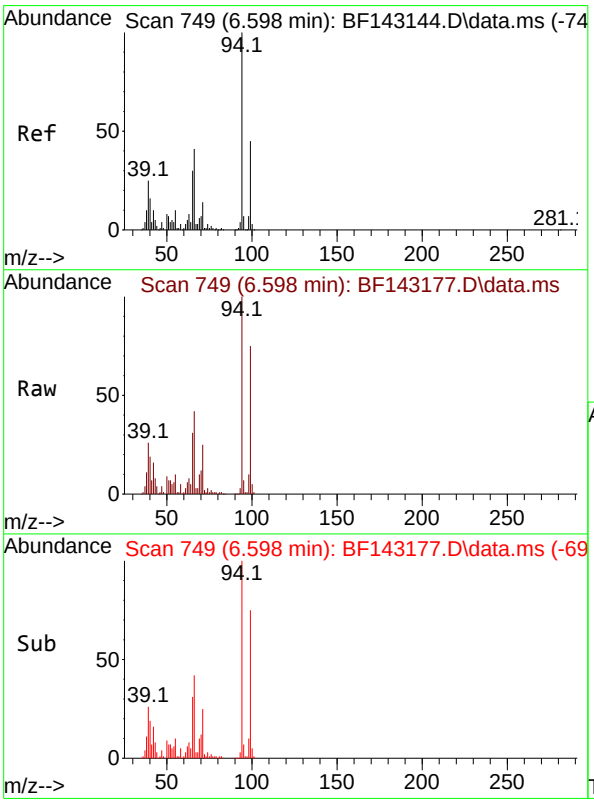
#9
Benzaldehyde
Concen: 129.116 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1059534

Ion	Ratio	Lower	Upper
77	100		
105	94.8	76.8	116.8
106	91.6	74.4	114.4

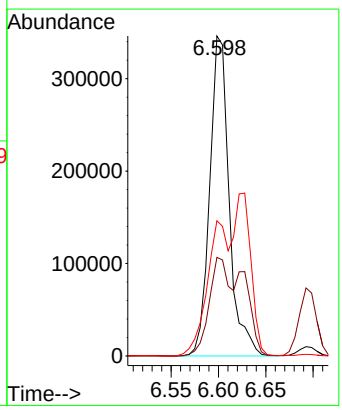


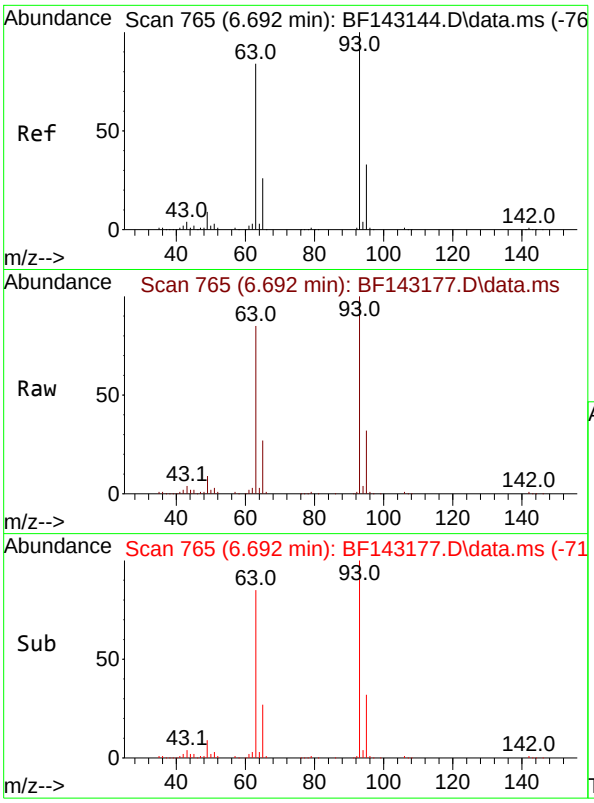


#10
Phenol
Concen: 41.450 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 94 Resp: 494165

Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.0	50.0
66	42.3	20.8	60.8



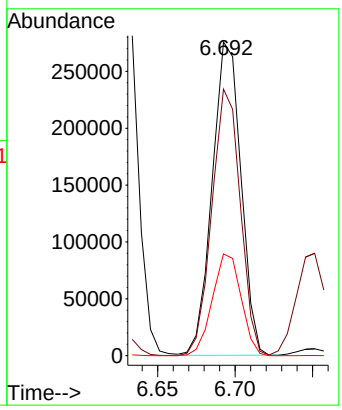


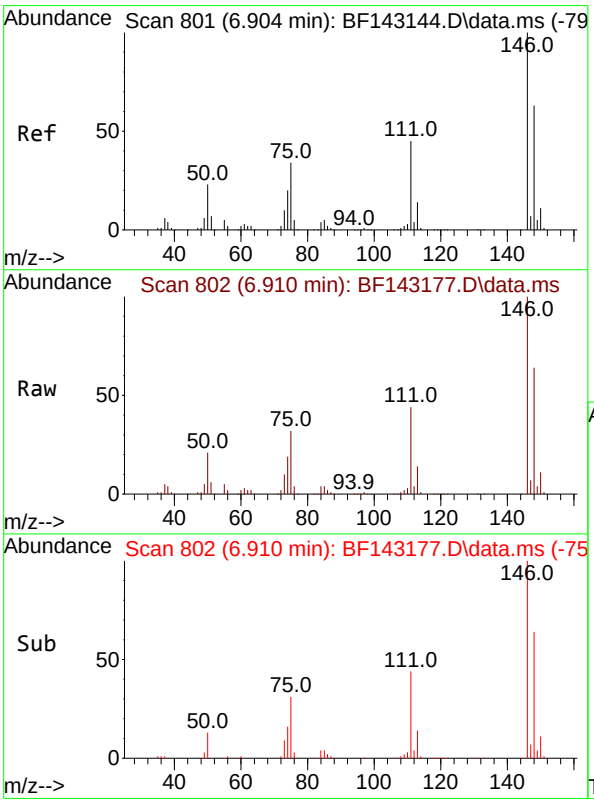
#11
bis(2-Chloroethyl)ether
Concen: 38.997 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 355973

Ion	Ratio	Lower	Upper
93	100		
63	84.9	63.4	103.4
95	32.4	12.4	52.4

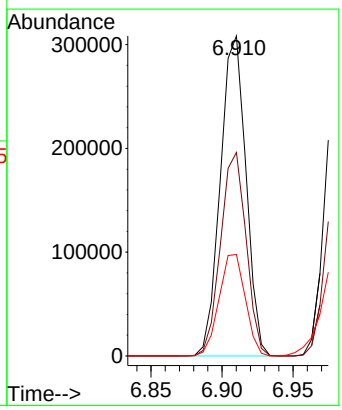


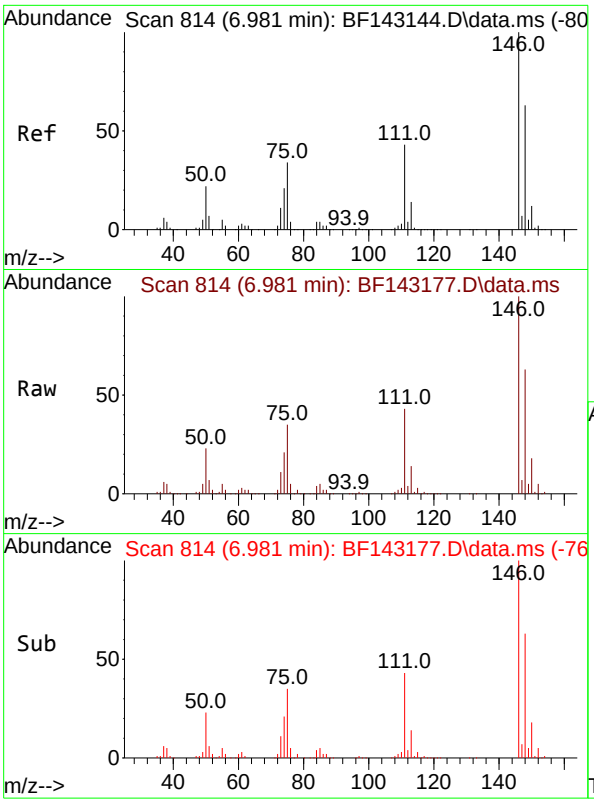


#12
1,3-Dichlorobenzene
Concen: 39.079 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:146 Resp: 386885

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
75	31.7	27.4	41.2



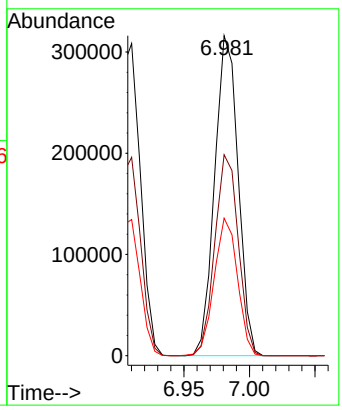


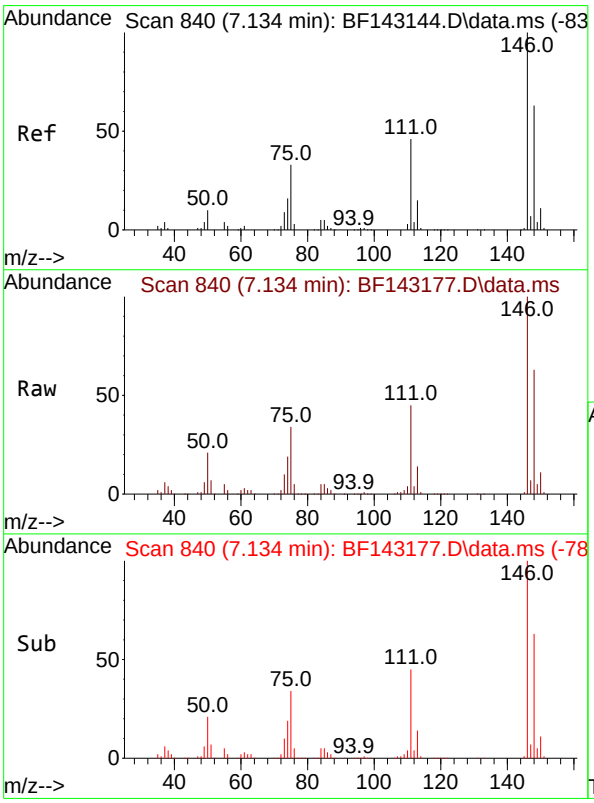
#13
1,4-Dichlorobenzene
Concen: 39.415 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 392969

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
111	42.9	34.4	51.6

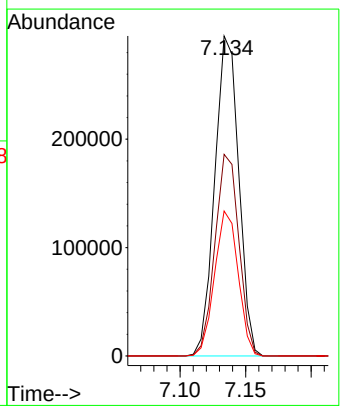


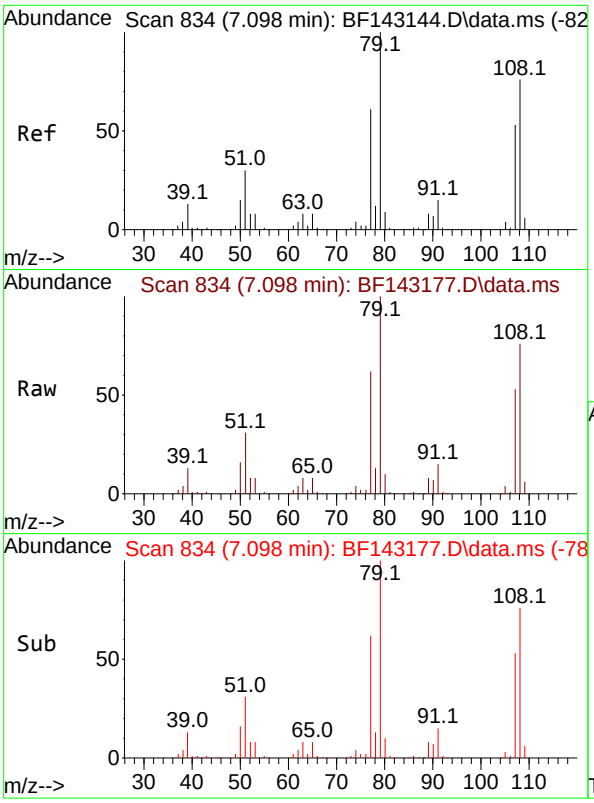


#14
1,2-Dichlorobenzene
Concen: 39.536 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:146 Resp: 374905

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	45.3	36.6	54.8



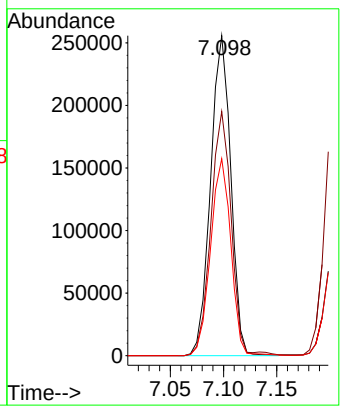


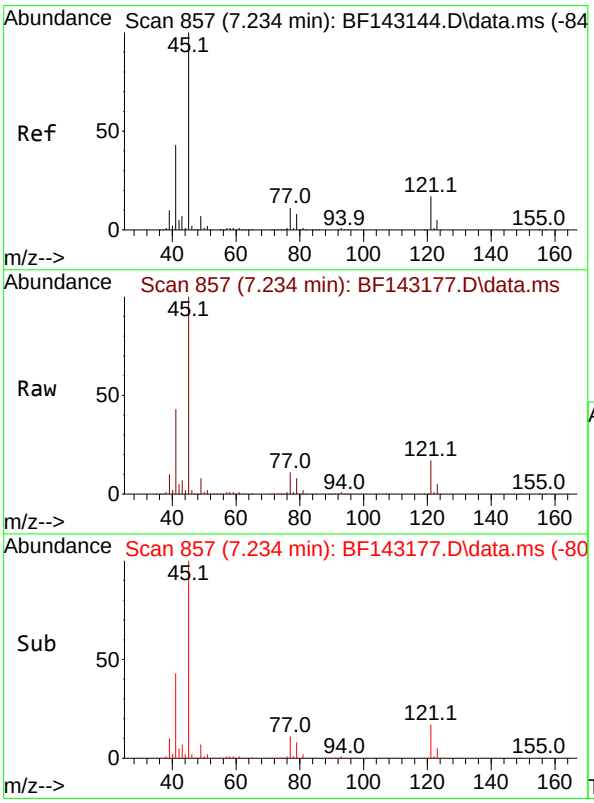
#15
Benzyl Alcohol
Concen: 40.325 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 336956

Ion	Ratio	Lower	Upper
79	100		
108	76.3	61.1	91.7
77	61.6	48.9	73.3

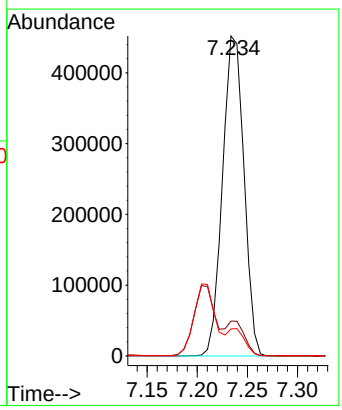


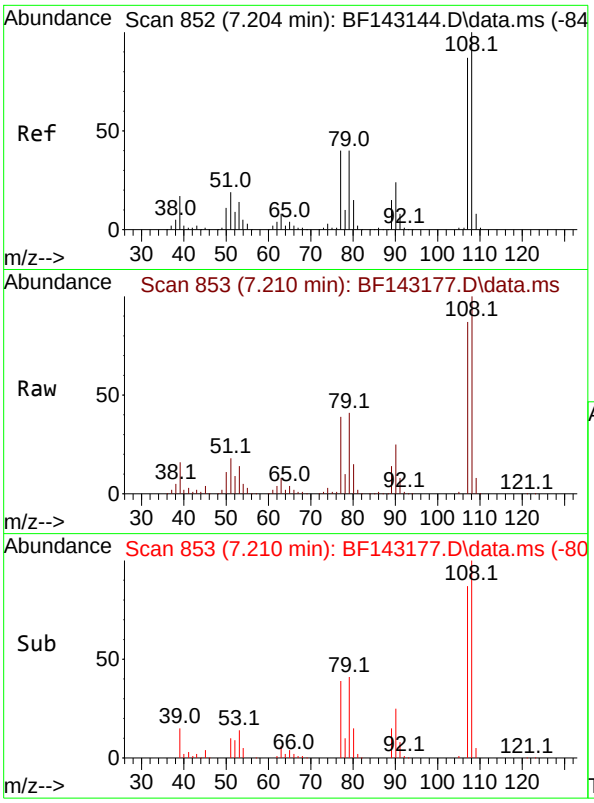


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.617 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 45 Resp: 670842

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	31.2
79	8.4	0.0	28.5



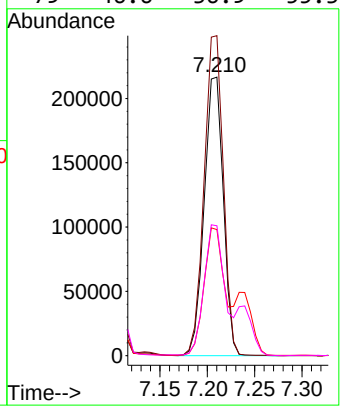


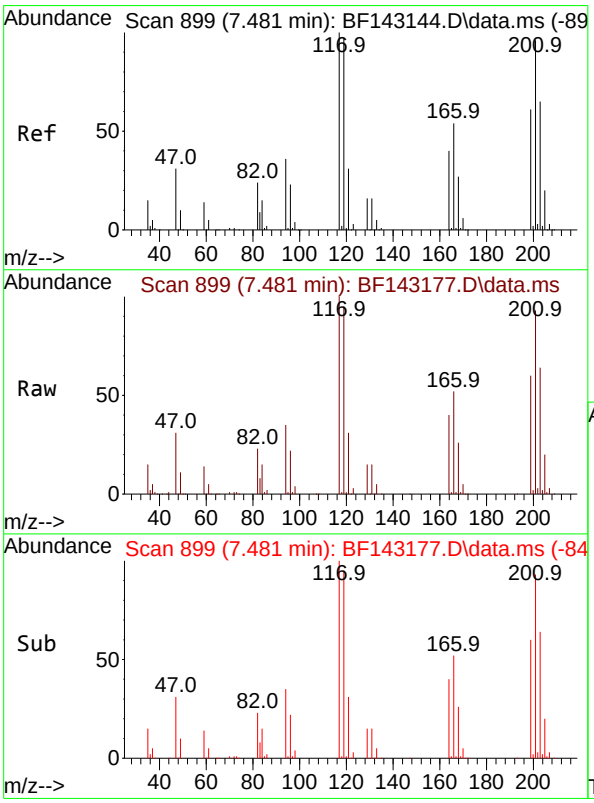
#17
2-Methylphenol
Concen: 39.715 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 304327

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.8	137.6
77	45.3	37.0	55.6
79	46.6	36.9	55.3

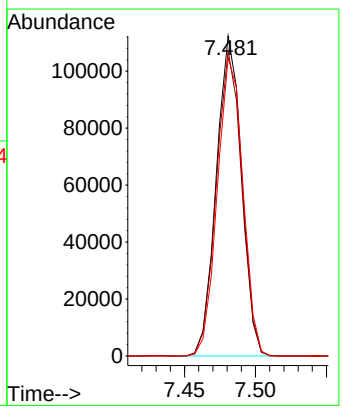


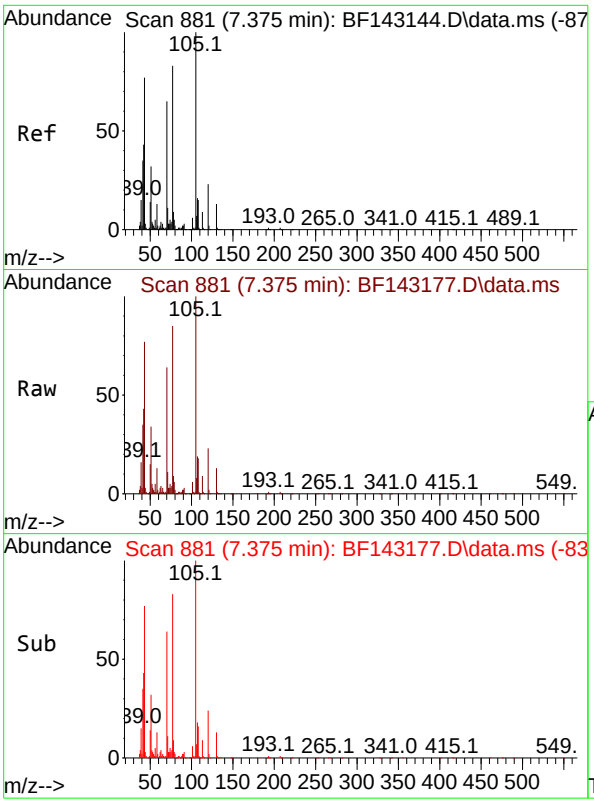


#18
Hexachloroethane
Concen: 40.337 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:117 Resp: 139222

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.8	116.8
201	93.3	77.0	115.4



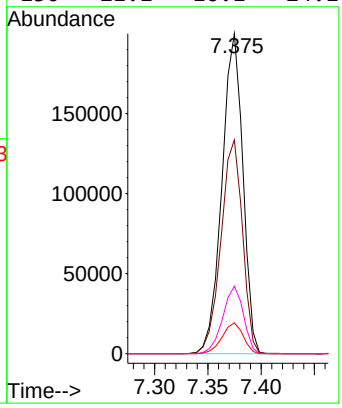


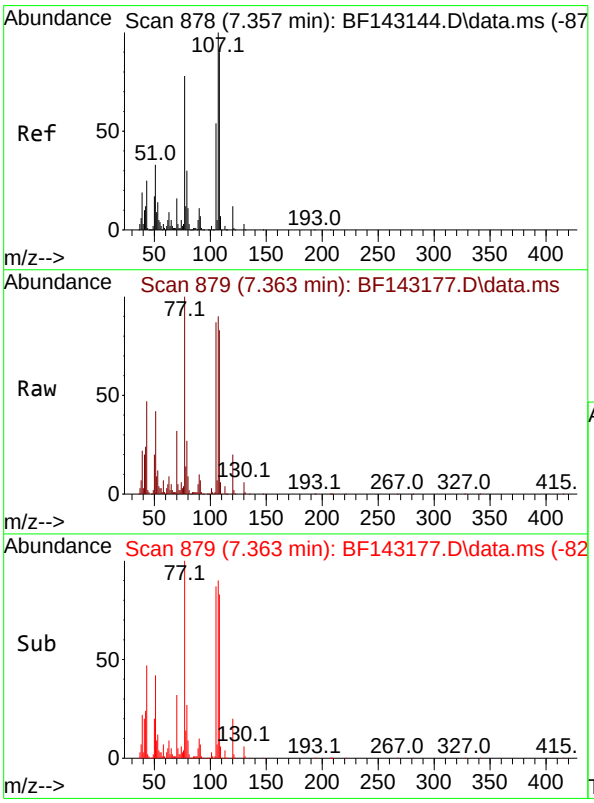
#19
n-Nitroso-di-n-propylamine
Concen: 38.818 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 272545

Ion	Ratio	Lower	Upper
70	100		
42	66.8	52.5	78.7
101	9.7	7.6	11.4
130	21.1	16.1	24.1

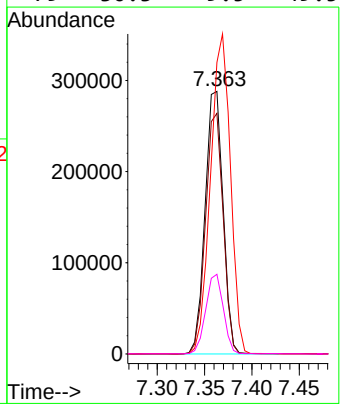


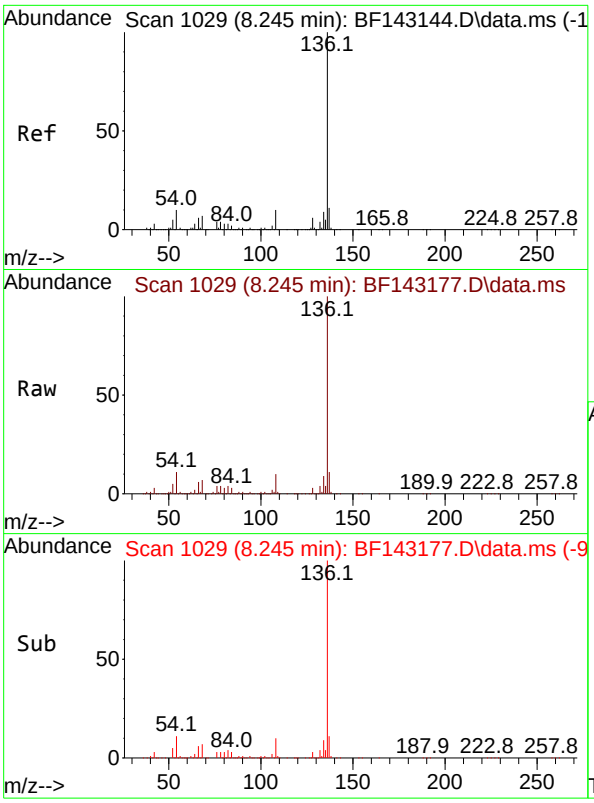


#20
3+4-Methylphenols
Concen: 40.856 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:107 Resp: 379841

Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.0	110.0
77	111.0	57.8	97.8#
79	30.3	9.5	49.5



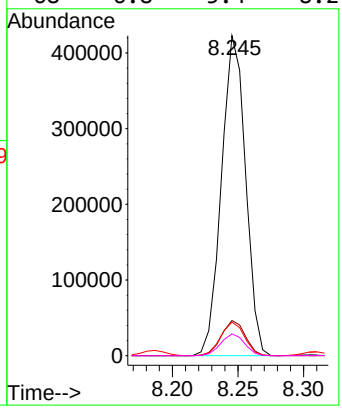


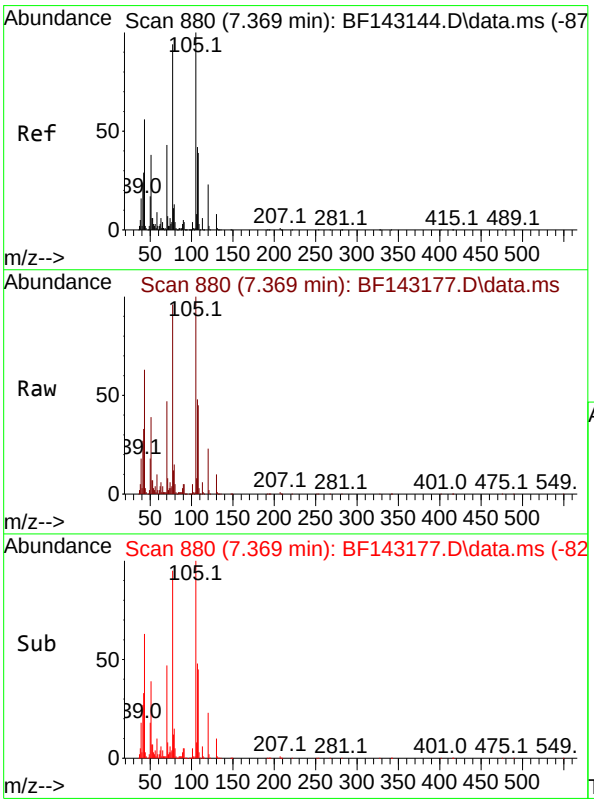
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 540273

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.5	8.2	12.2
68	6.8	5.4	8.2

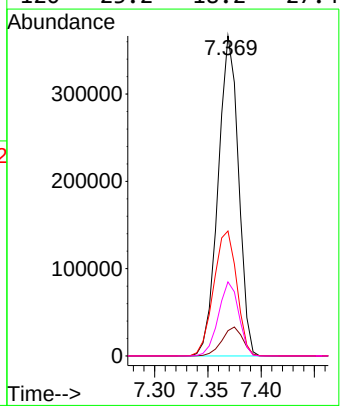


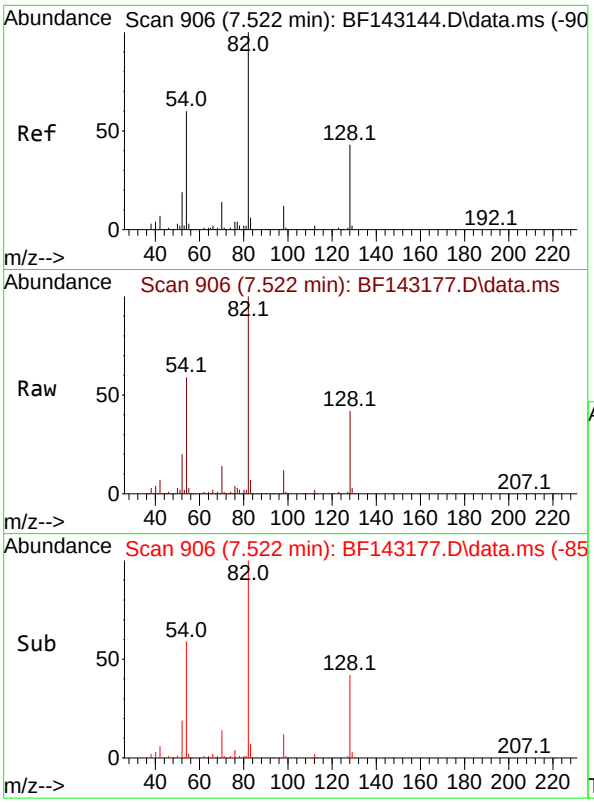


#22
Acetophenone
Concen: 38.166 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:105 Resp: 488181

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.8	8.6
51	39.0	30.2	45.2
120	23.2	18.2	27.4



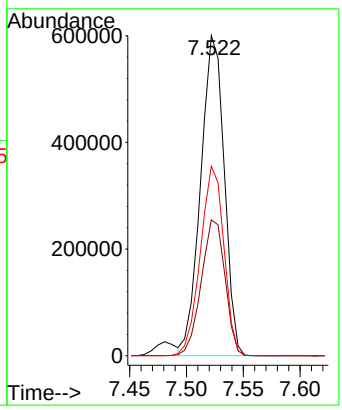


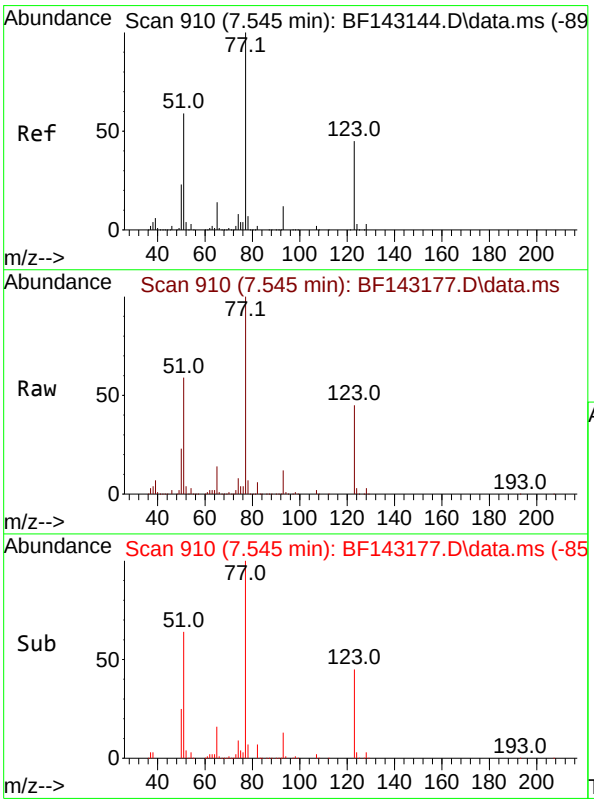
#23
Nitrobenzene-d5
Concen: 79.820 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 865138

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.6	50.4
54	59.2	47.1	70.7

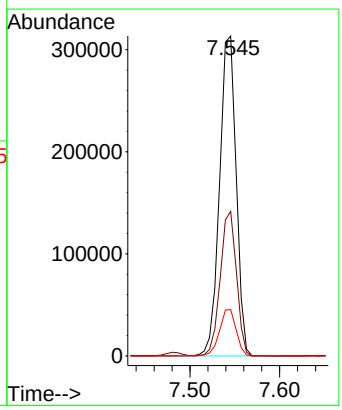


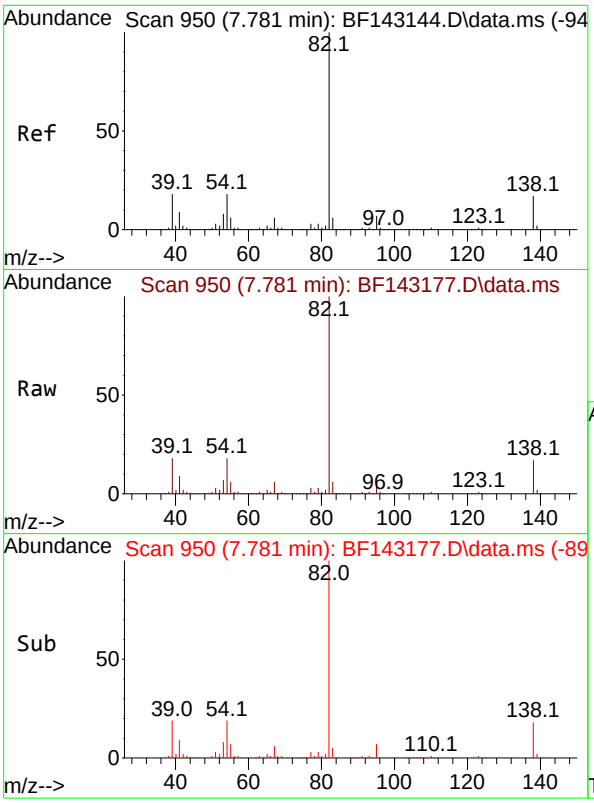


#24
Nitrobenzene
Concen: 39.931 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 77 Resp: 403502

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.1	54.1
65	14.5	11.4	17.2



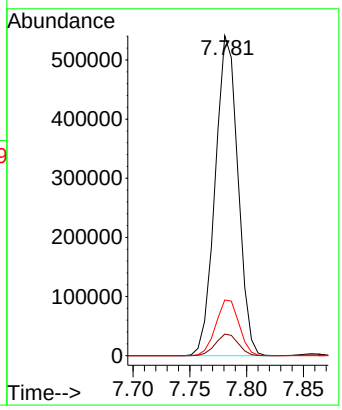


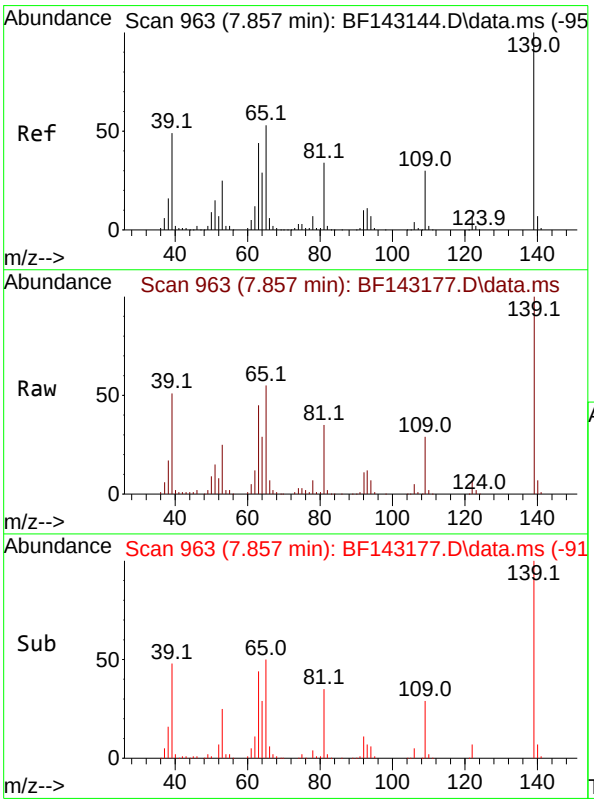
#25
Isophorone
Concen: 39.403 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 753928

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.4	13.8	20.8

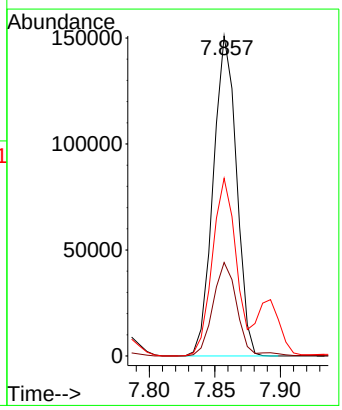


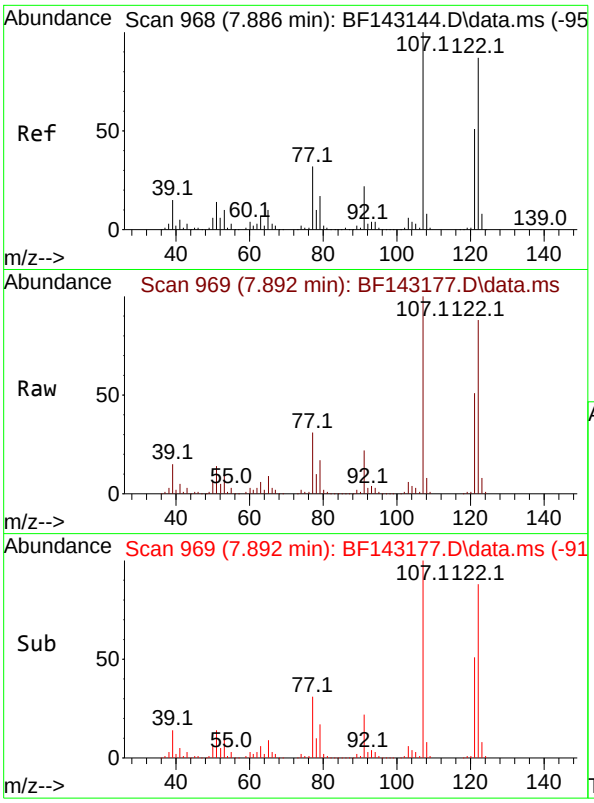


#26
2-Nitrophenol
Concen: 42.420 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:139 Resp: 186034

Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.6	35.4
65	55.5	42.6	64.0



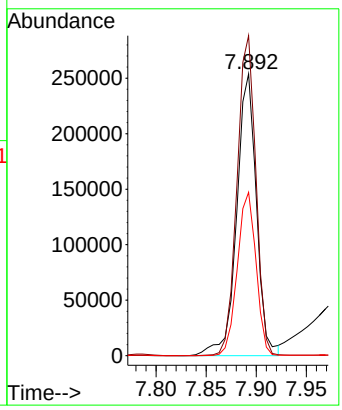


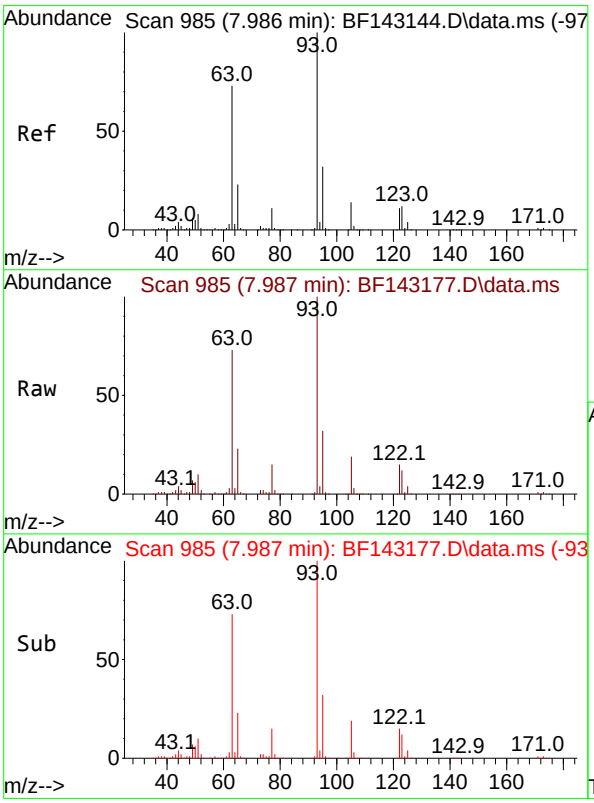
#27
2,4-Dimethylphenol
Concen: 39.039 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 348982

Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.8	137.6
121	58.0	46.3	69.5

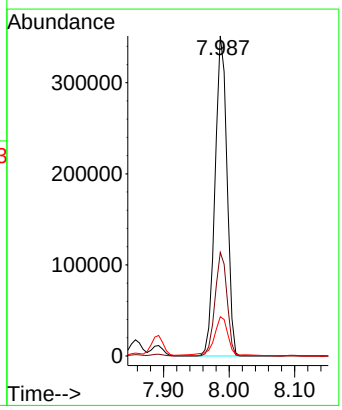


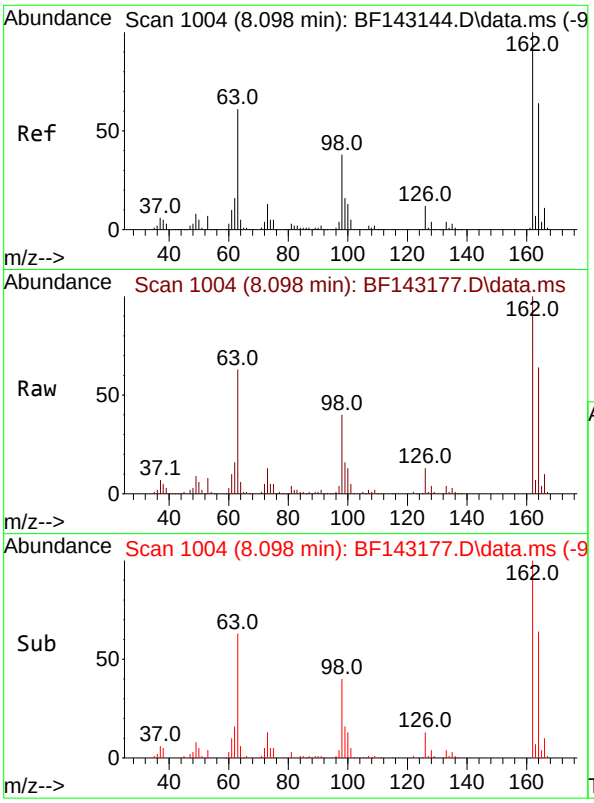


#28
bis(2-Chloroethoxy)methane
Concen: 38.742 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 93 Resp: 444443

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	12.2	9.7	14.5



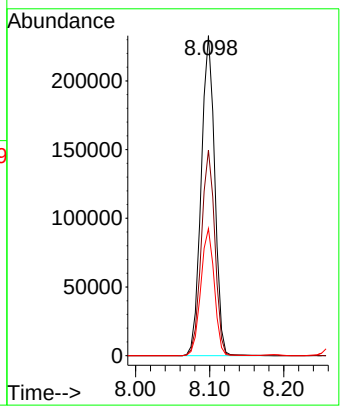


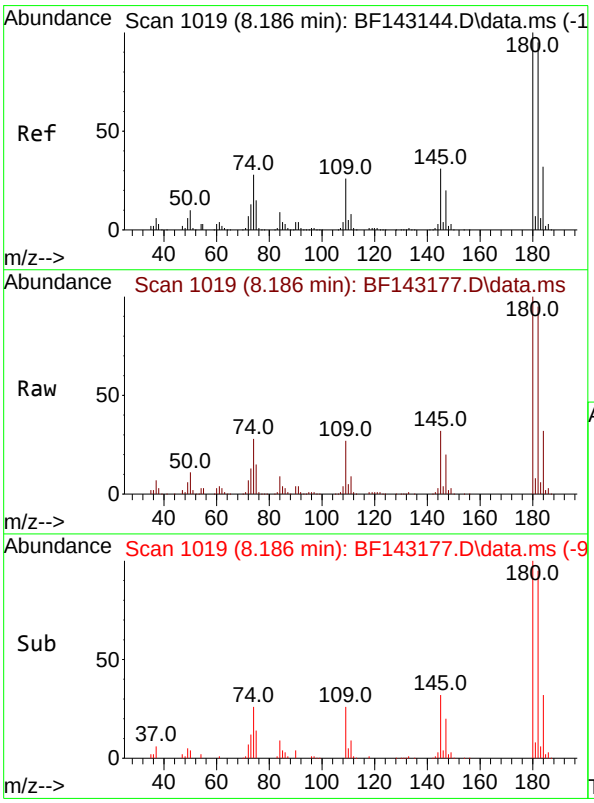
#29
2,4-Dichlorophenol
Concen: 39.284 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 296155

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	39.7	17.9	57.9

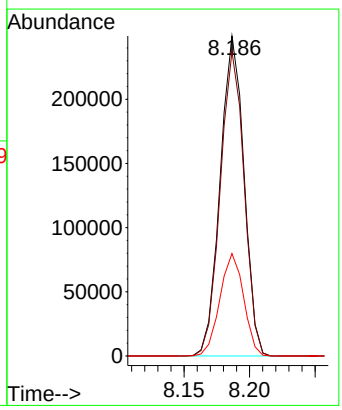


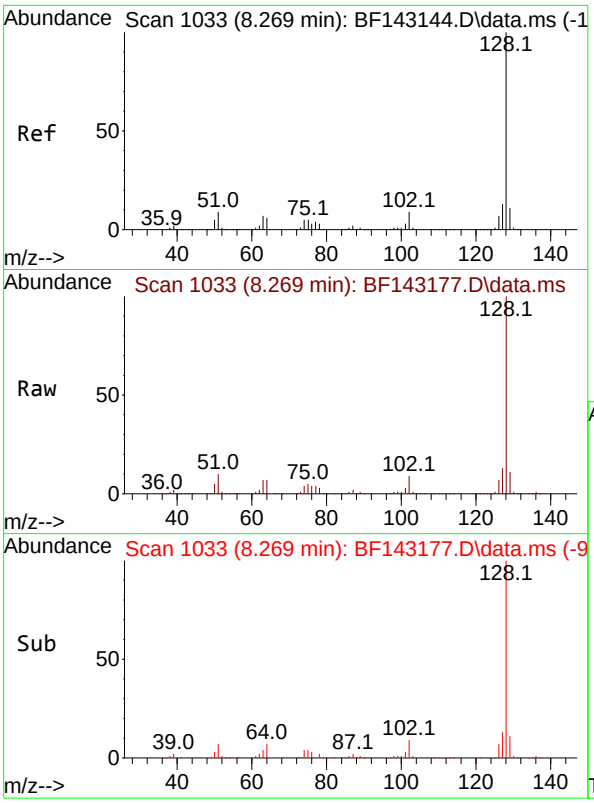


#30
1,2,4-Trichlorobenzene
Concen: 38.597 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:180 Resp: 314359

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	32.0	25.0	37.6



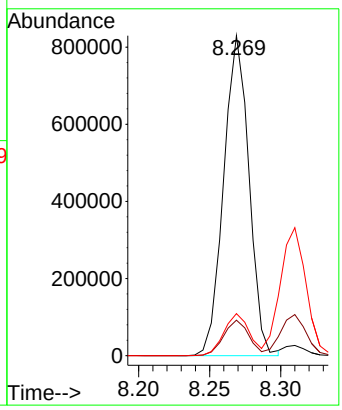


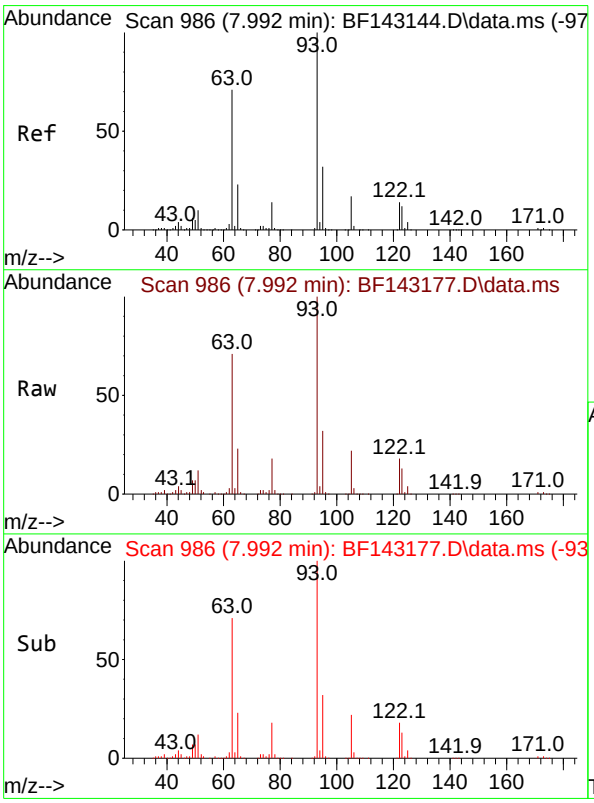
#31
Naphthalene
Concen: 38.661 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1028678

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.6	16.0

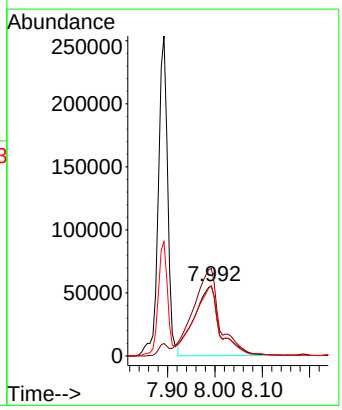


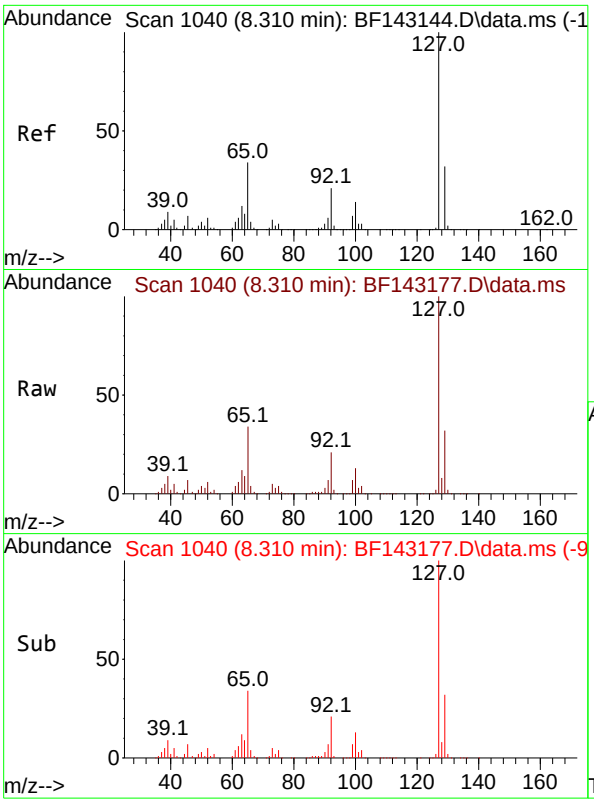


#32
Benzoic acid
Concen: 42.399 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:122 Resp: 210097

Ion	Ratio	Lower	Upper
122	100		
105	125.0	104.8	144.8
77	100.1	77.6	117.6



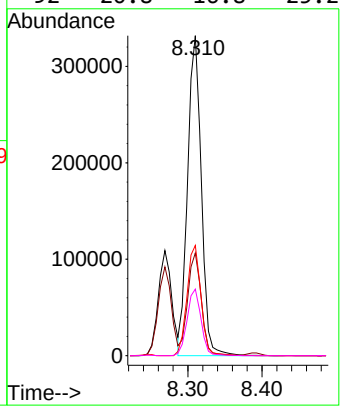


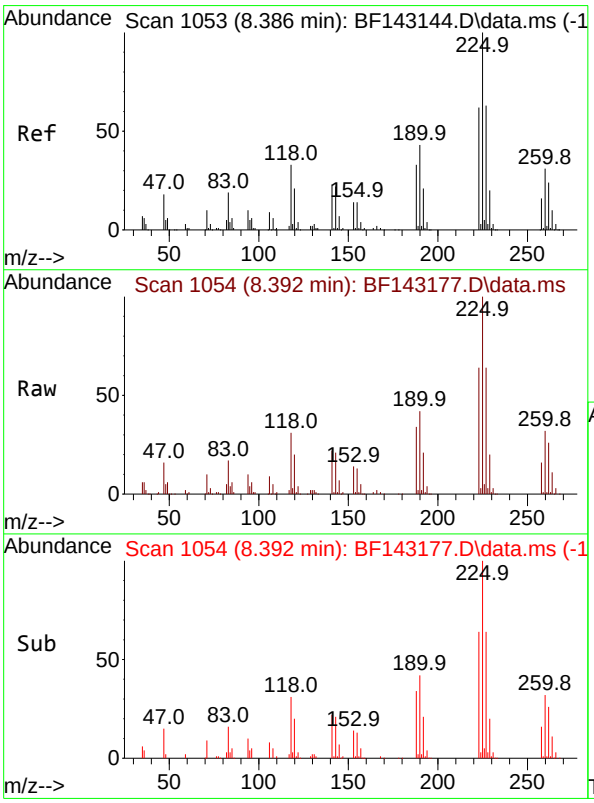
#33
4-Chloroaniline
Concen: 39.296 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 426934

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	34.5	27.4	41.2
92	20.8	16.8	25.2

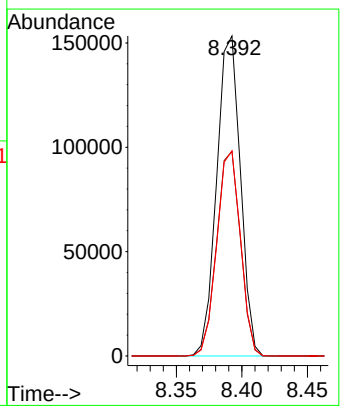


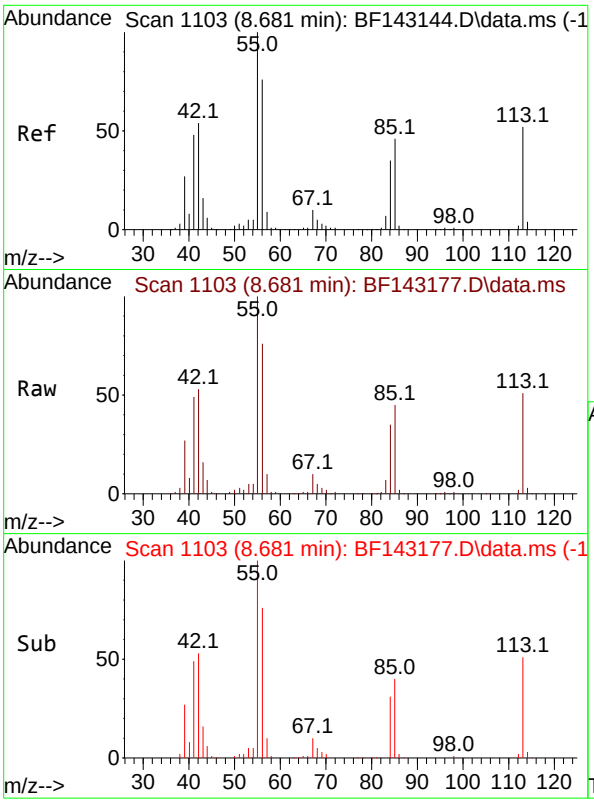


#34
Hexachlorobutadiene
Concen: 38.797 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:225 Resp: 193031

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	64.1	50.2	75.4



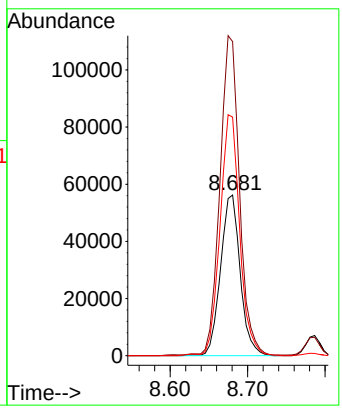


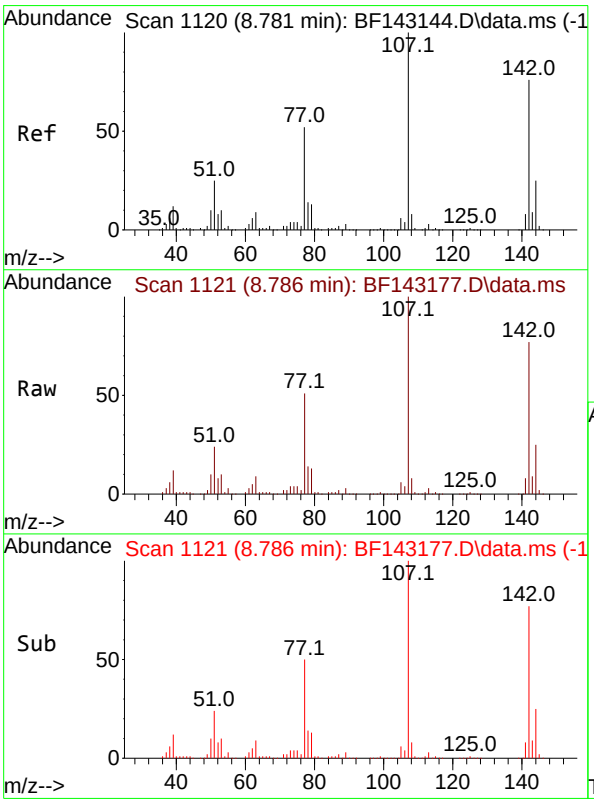
#35
Caprolactam
Concen: 43.497 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 99092

Ion	Ratio	Lower	Upper
113	100		
55	195.5	174.0	214.0
56	148.5	126.6	166.6

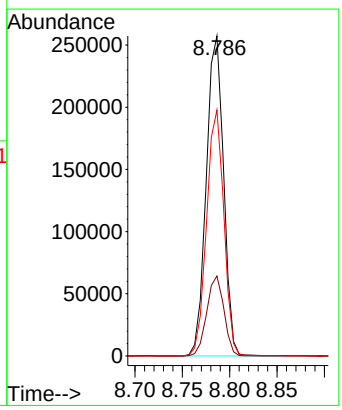


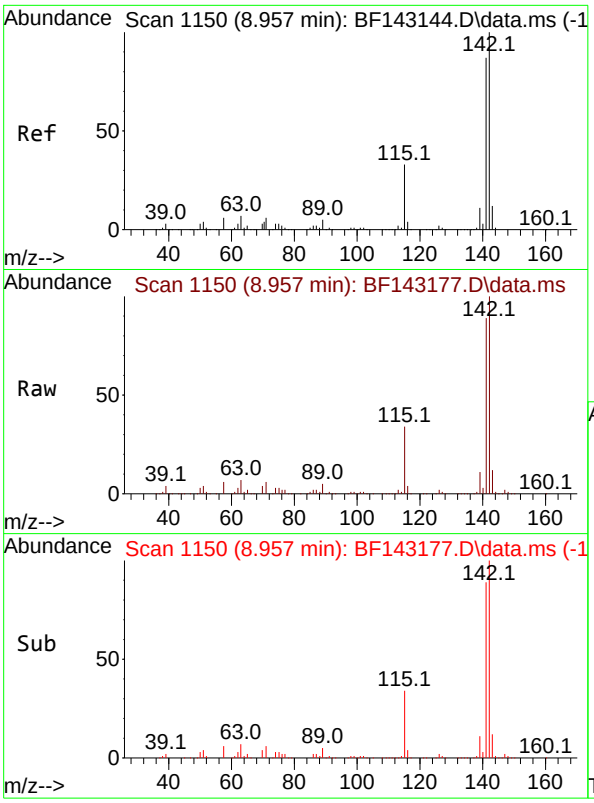


#36
4-Chloro-3-methylphenol
Concen: 40.031 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:107 Resp: 328015

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	76.8	60.6	90.8



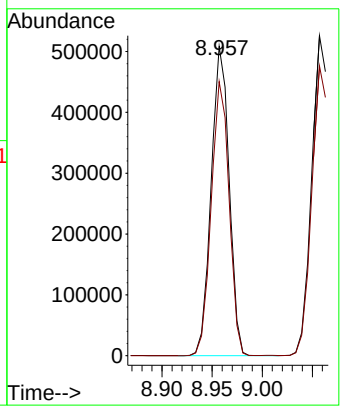


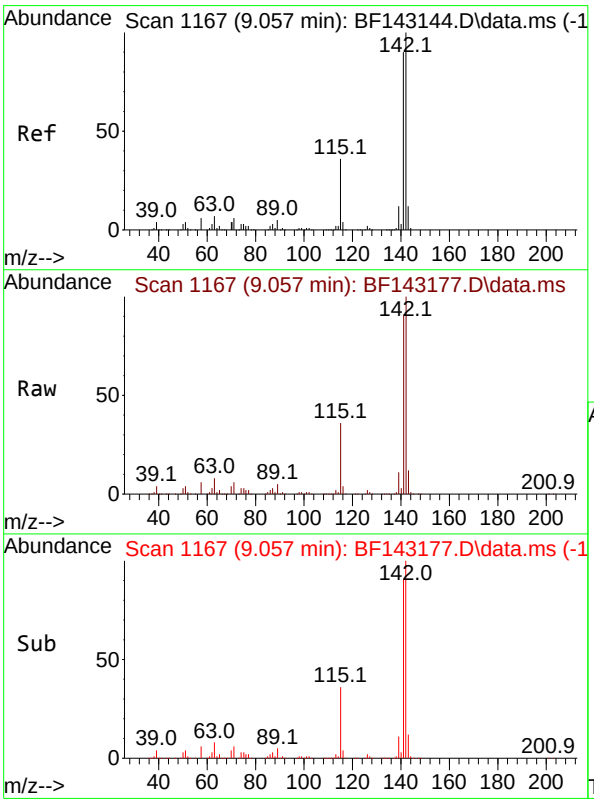
#37
2-Methylnaphthalene
Concen: 38.948 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 630618

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.9	104.9

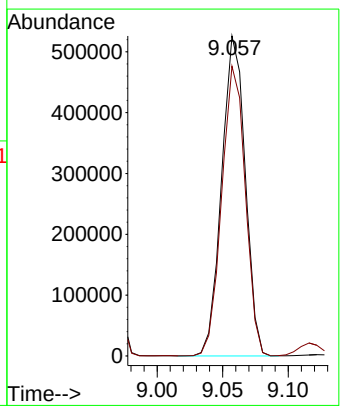


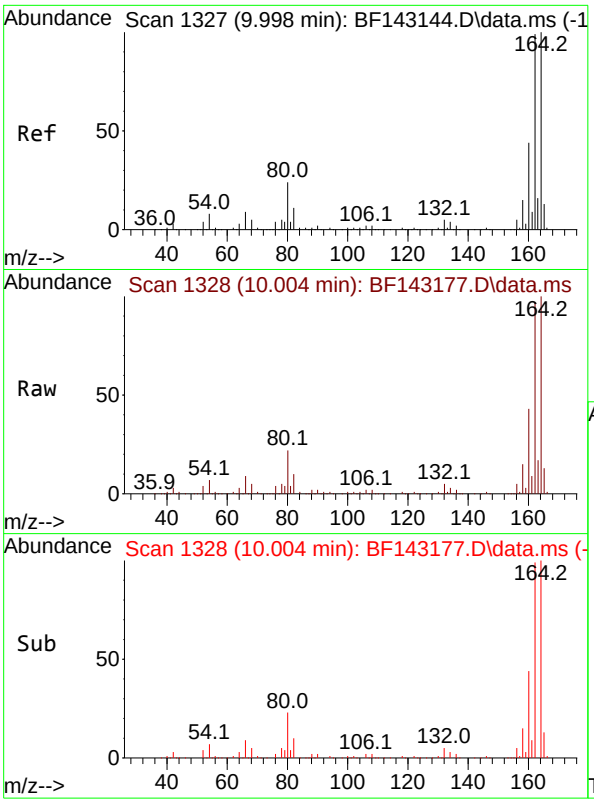


#38
1-Methylnaphthalene
Concen: 39.448 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:142 Resp: 657714

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5



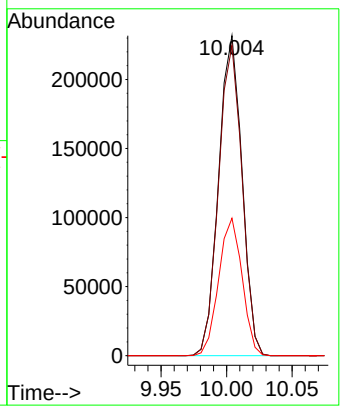


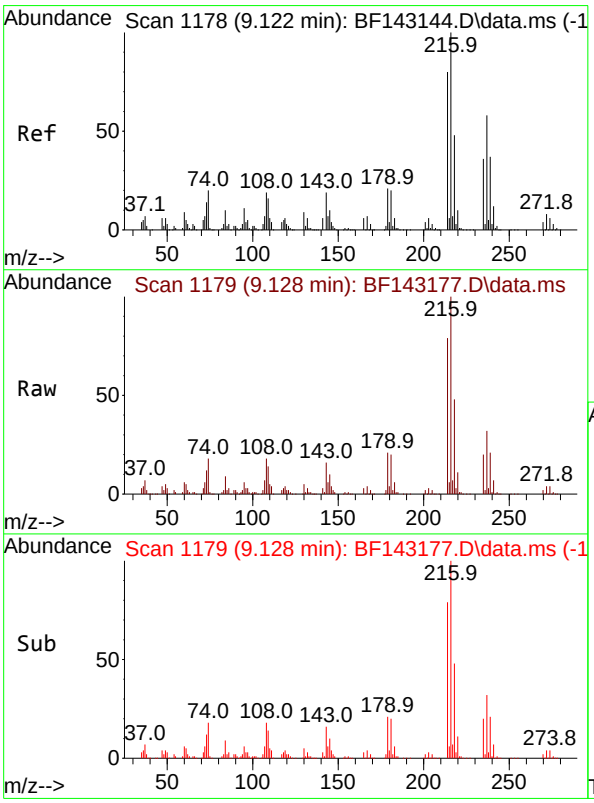
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 287067

Ion	Ratio	Lower	Upper
164	100		
162	96.9	79.0	118.6
160	43.0	35.1	52.7

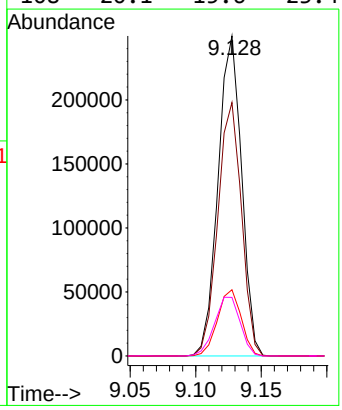


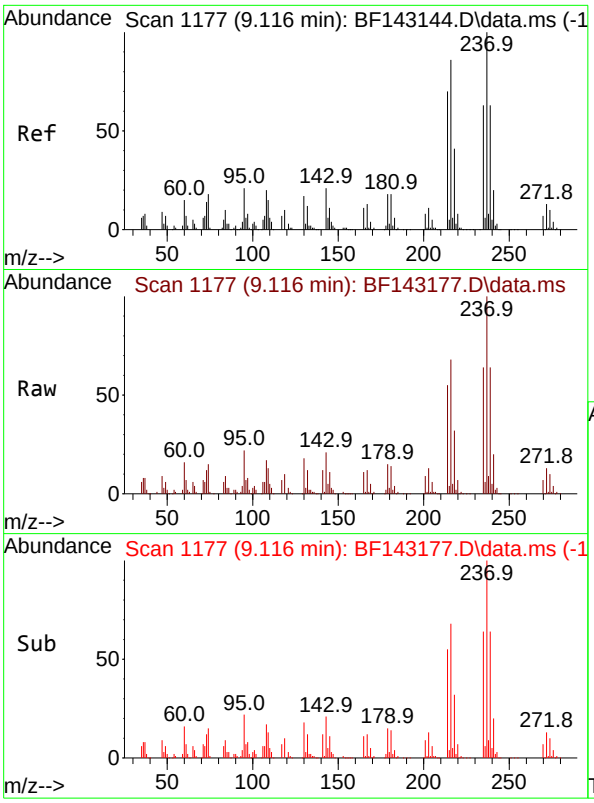


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.530 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:216 Resp: 311045

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	20.9	16.4	24.6
108	20.1	15.6	23.4



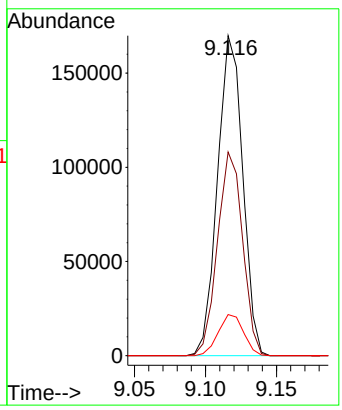


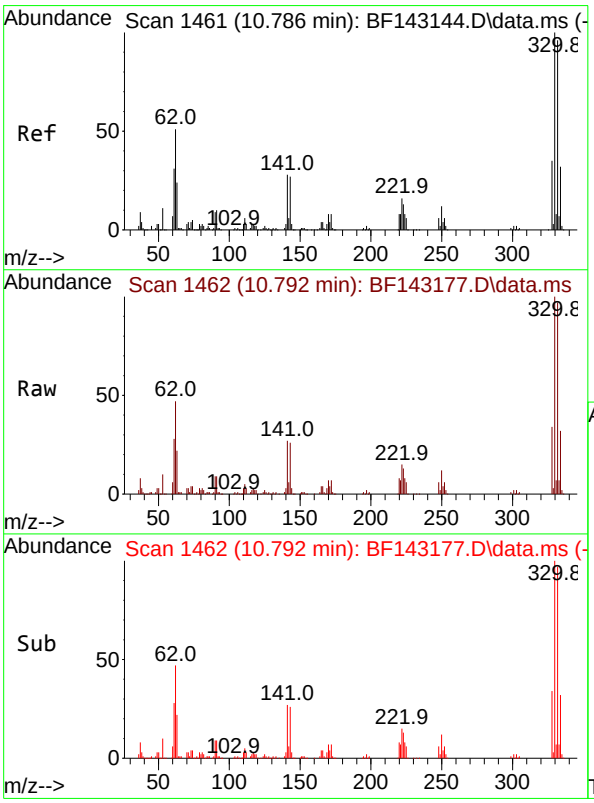
#41
Hexachlorocyclopentadiene
Concen: 38.857 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 209543

Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.0	83.0
272	12.8	0.0	33.3

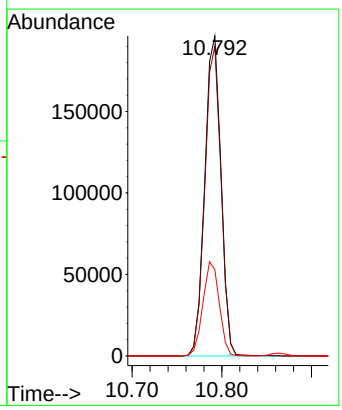


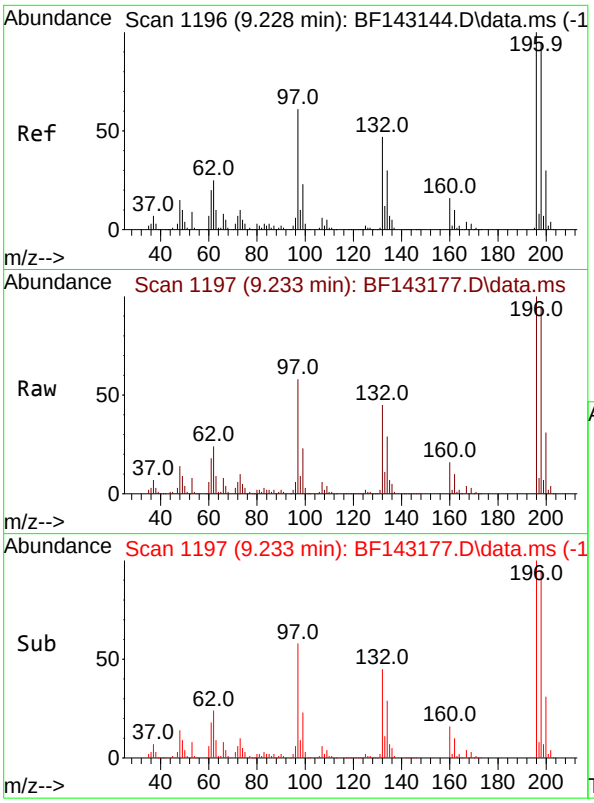


#42
2,4,6-Tribromophenol
Concen: 83.135 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:330 Resp: 246542

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	29.6	23.3	34.9



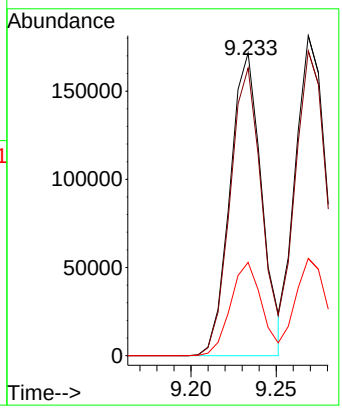


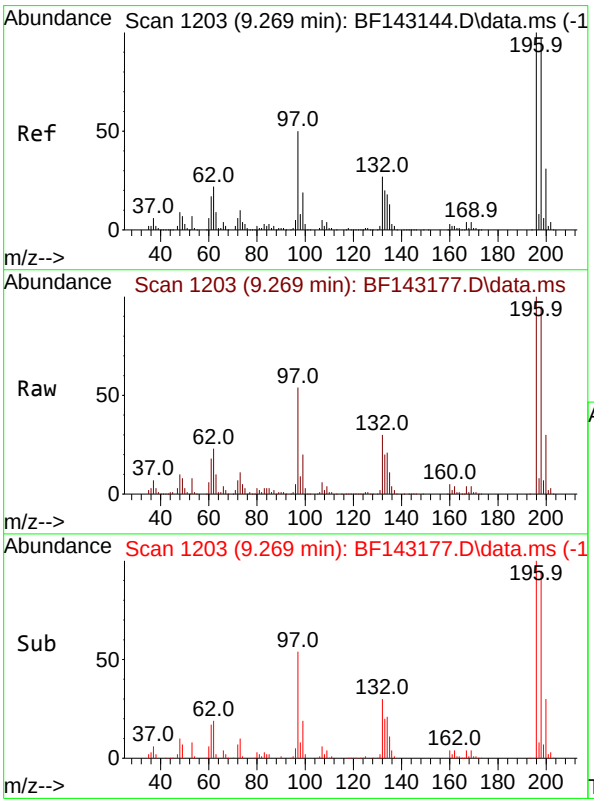
#43
2,4,6-Trichlorophenol
Concen: 38.716 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 222071

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.2	114.2
200	30.8	23.9	35.9

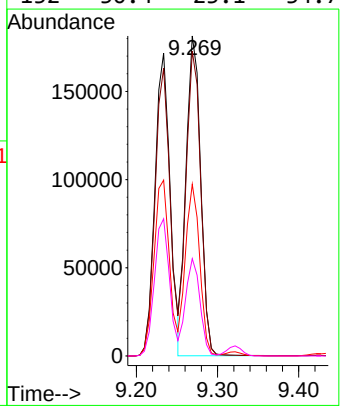


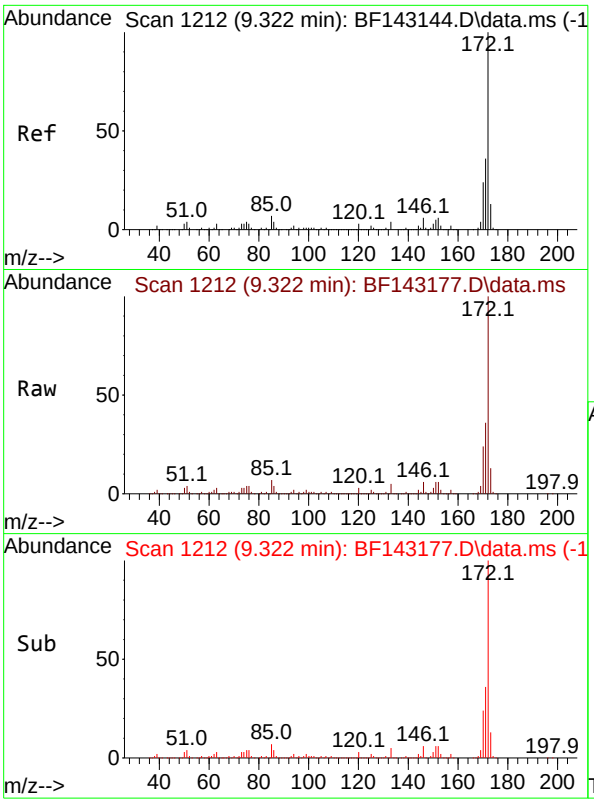


#44
2,4,5-Trichlorophenol
Concen: 39.609 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:196 Resp: 227262

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.3	115.9
97	53.7	40.3	60.5
132	30.4	23.1	34.7



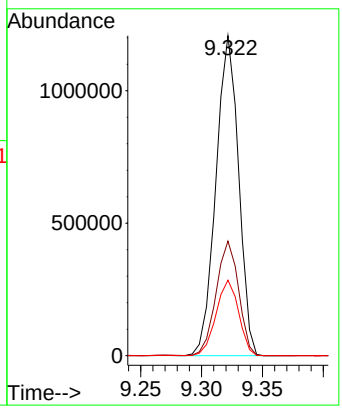


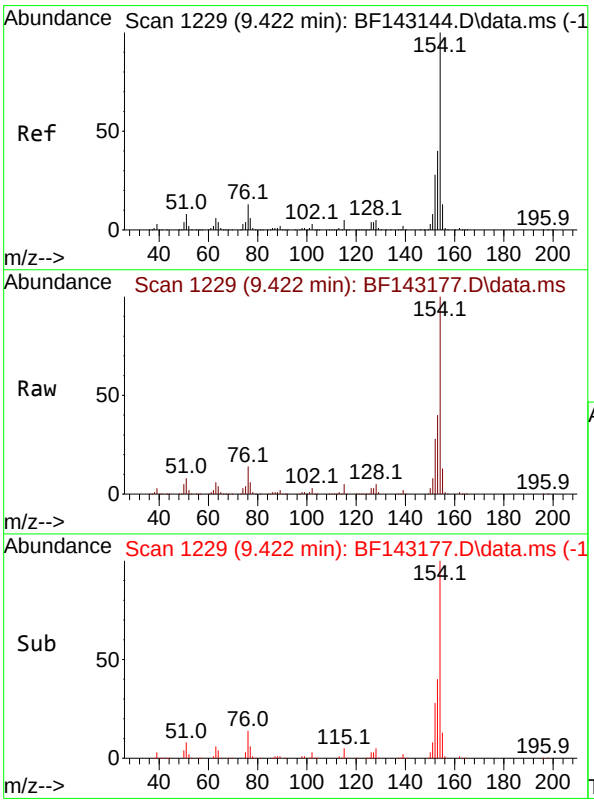
#45
2-Fluorobiphenyl
Concen: 74.477 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1563287

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.6	18.8	28.2

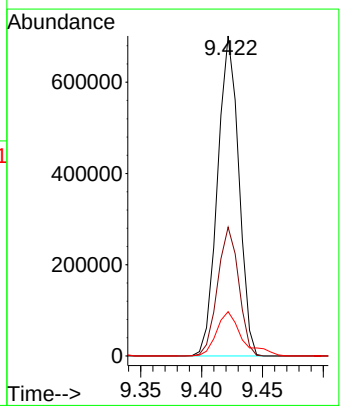


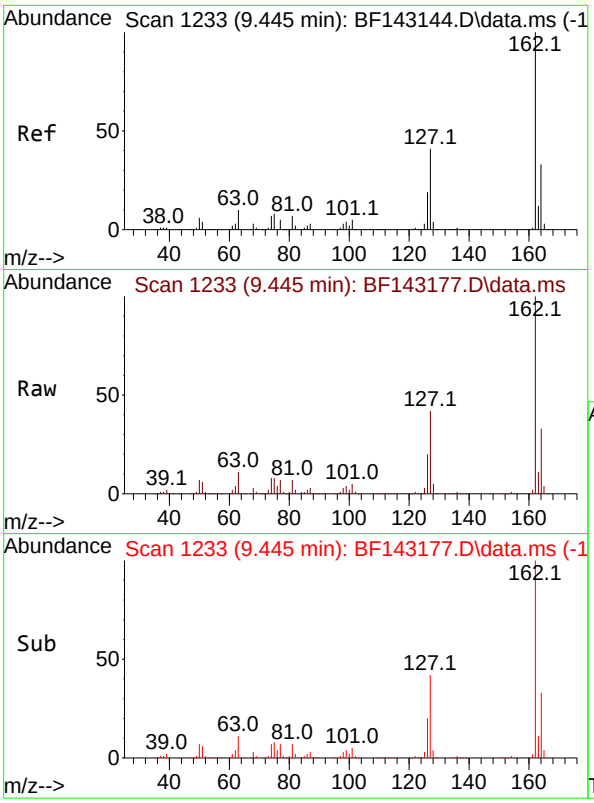


#46
1,1'-Biphenyl
Concen: 38.059 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:154 Resp: 852399

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.8	0.0	33.3



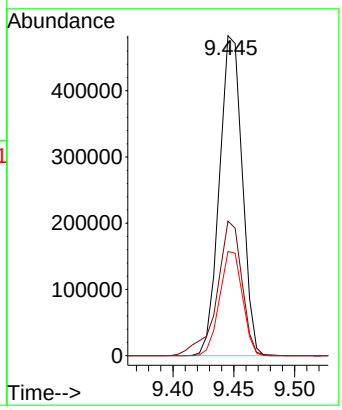


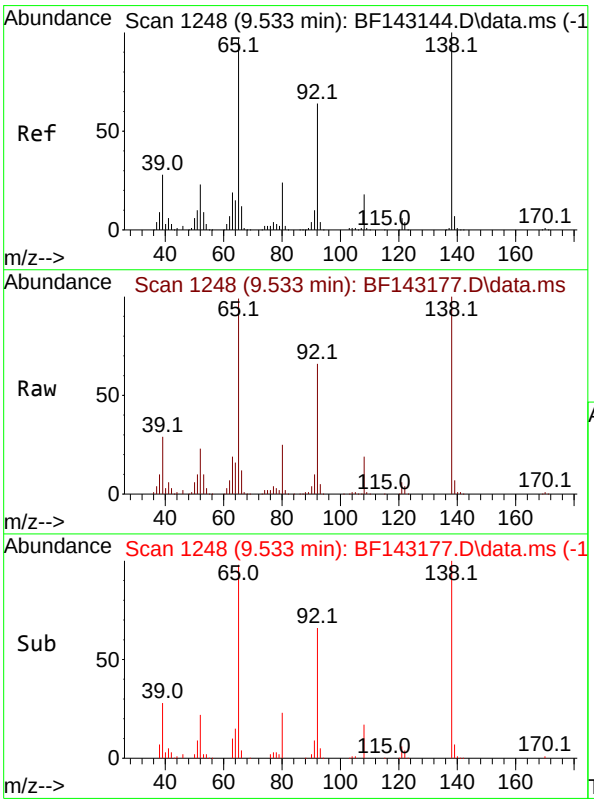
#47
2-Chloronaphthalene
Concen: 38.067 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 630848

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	32.6	26.2	39.2

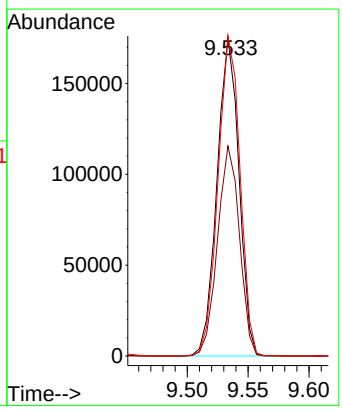


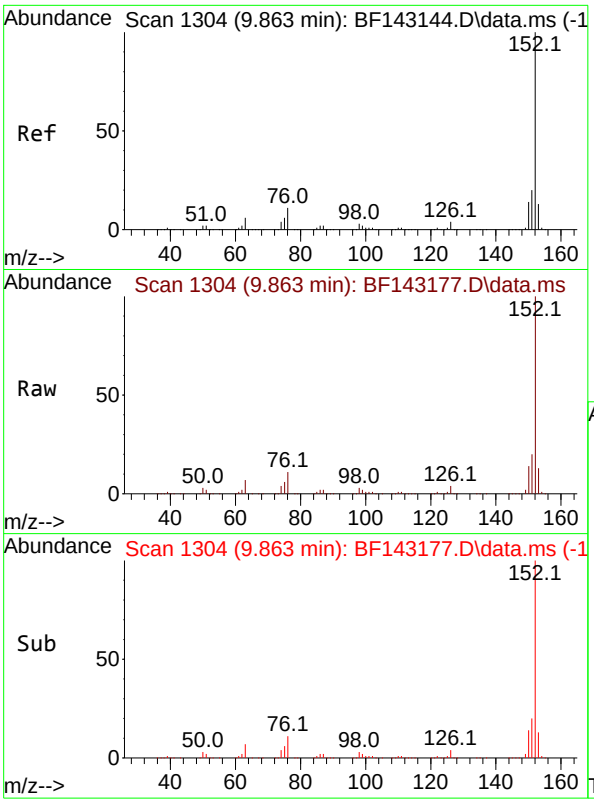


#48
2-Nitroaniline
Concen: 42.277 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 65 Resp: 219714

Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.4	78.6
138	100.5	82.3	123.5



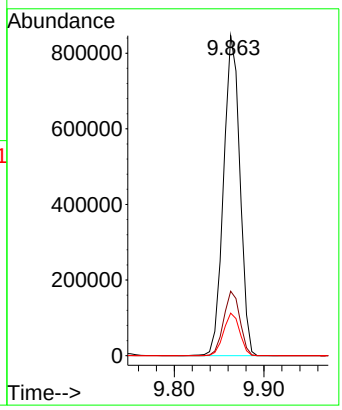


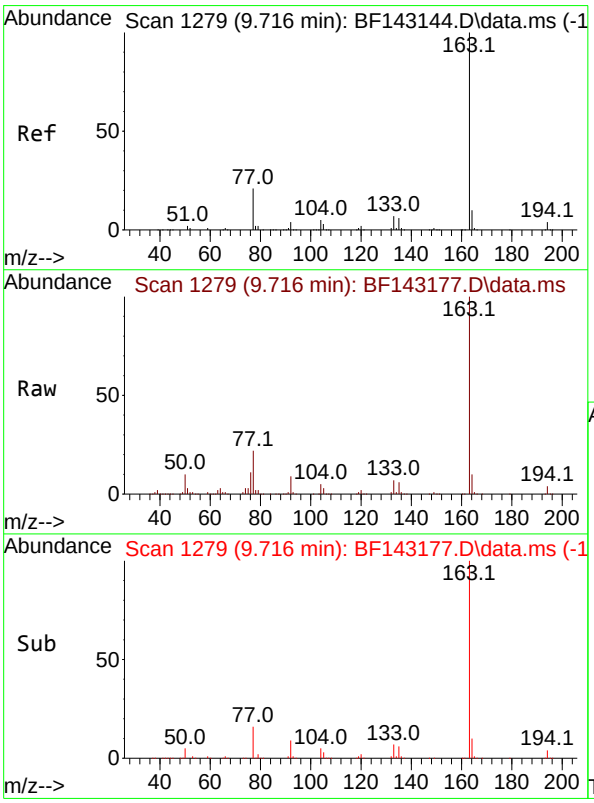
#49
Acenaphthylene
Concen: 38.541 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1070369

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.3	10.6	16.0

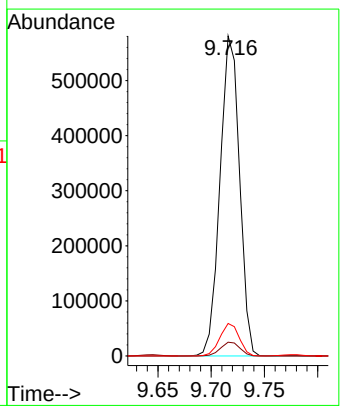


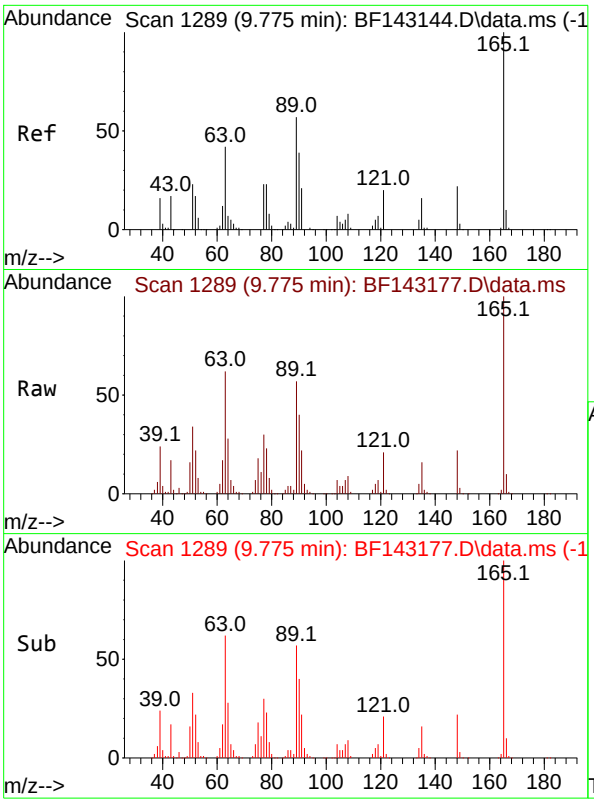


#50
Dimethylphthalate
Concen: 39.501 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:163 Resp: 739129

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.3	12.5



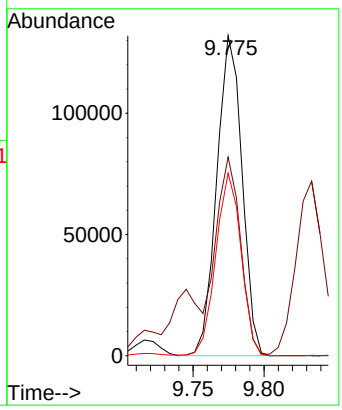


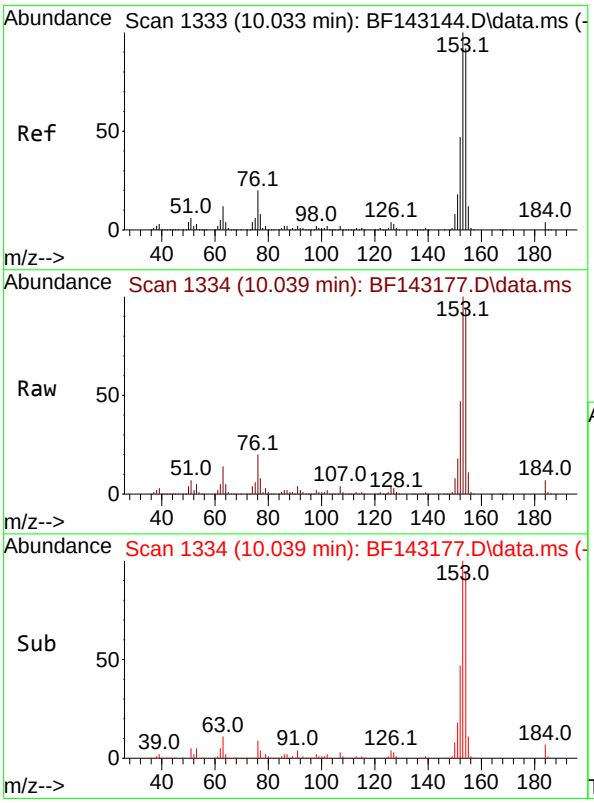
#51
2,6-Dinitrotoluene
Concen: 42.869 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 163183

Ion	Ratio	Lower	Upper
165	100		
63	62.1	49.4	74.2
89	57.0	46.2	69.2

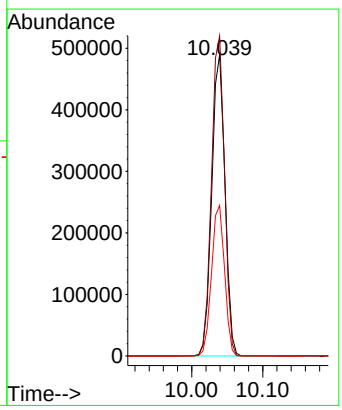


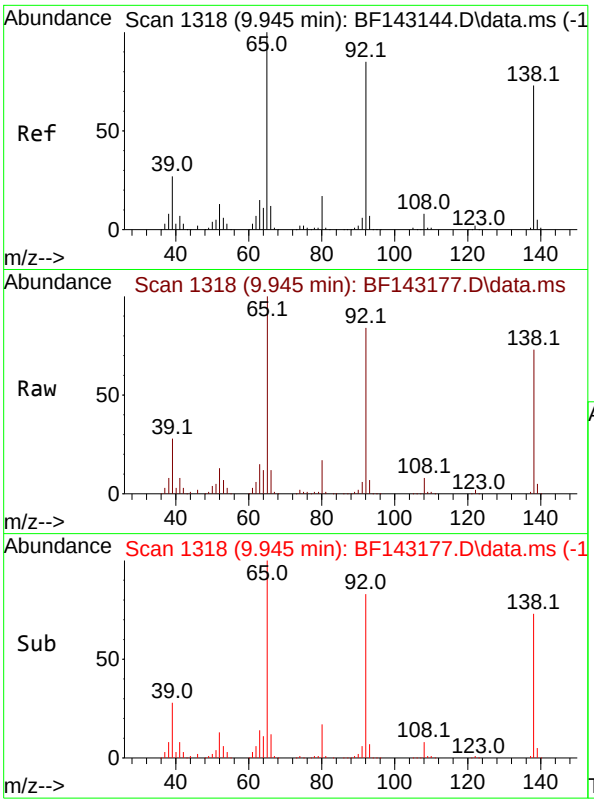


#52
Acenaphthene
Concen: 38.656 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:154 Resp: 634518

Ion	Ratio	Lower	Upper
154	100		
153	106.2	86.6	129.8
152	50.0	40.4	60.6



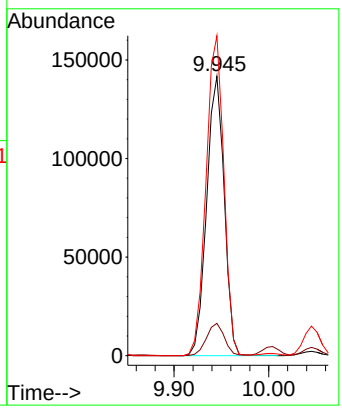


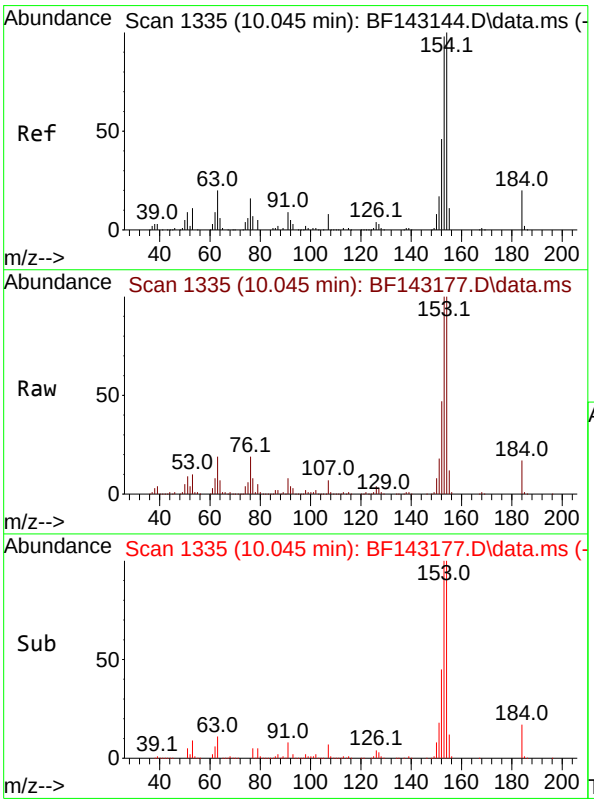
#53
3-Nitroaniline
Concen: 41.017 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 182622

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.0	13.6
92	114.5	93.0	139.4

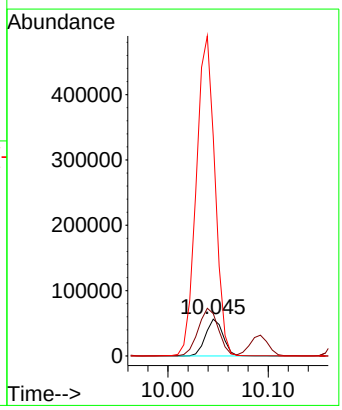


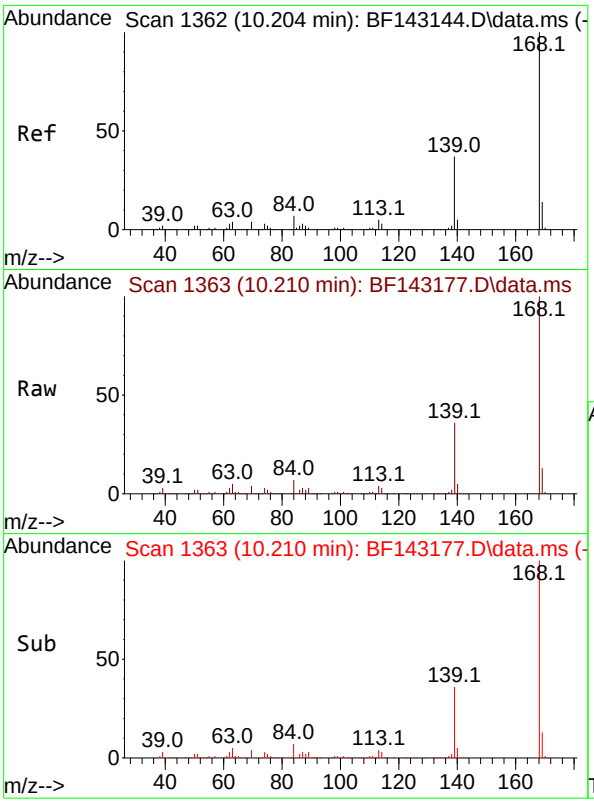


#54
2,4-Dinitrophenol
Concen: 43.071 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:184 Resp: 68517

Ion	Ratio	Lower	Upper
184	100		
63	115.4	81.8	122.6
154	597.0	412.2	618.4



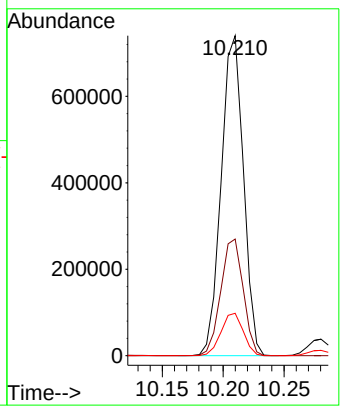


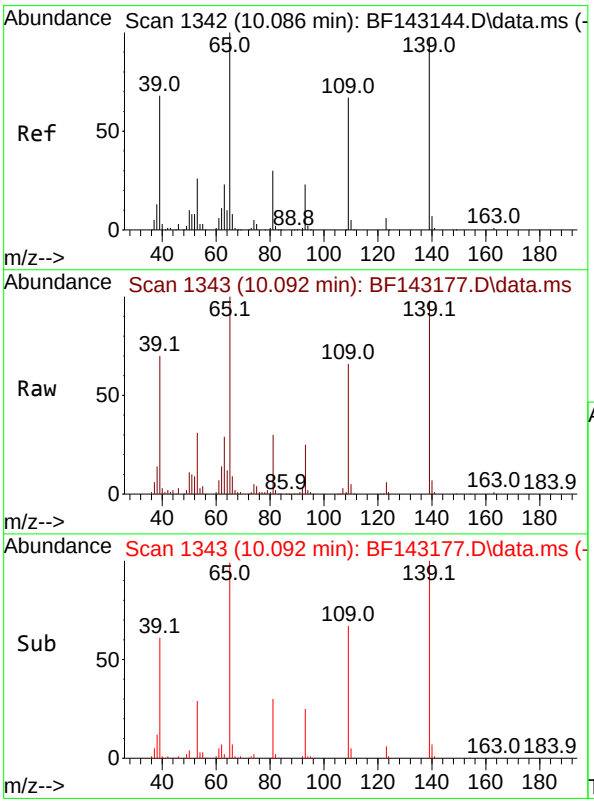
#55
Dibenzofuran
Concen: 38.679 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 942628

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.5	44.3
169	13.2	10.9	16.3

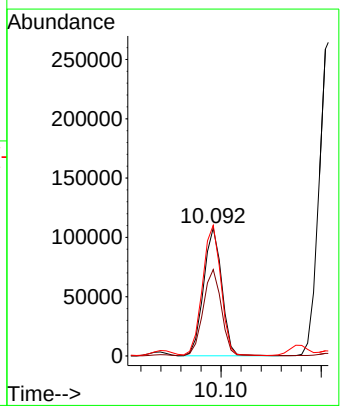


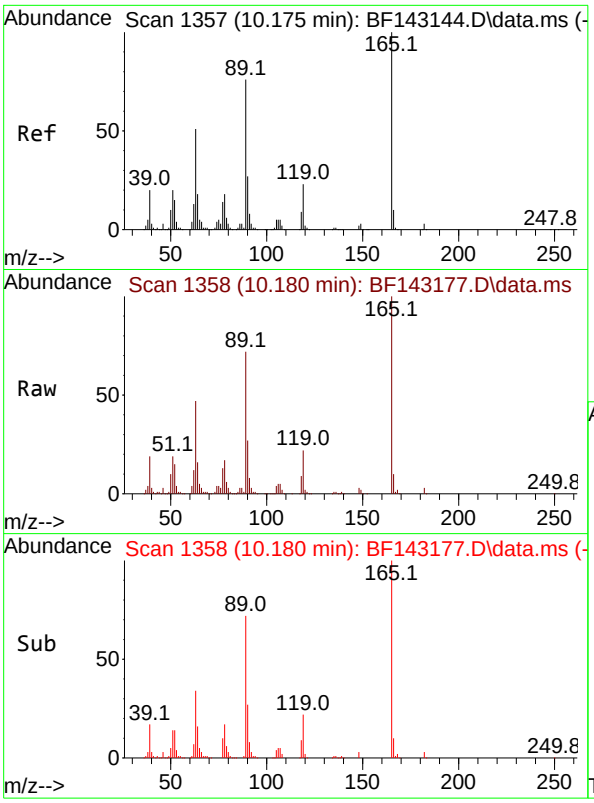


#56
4-Nitrophenol
Concen: 41.010 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:139 Resp: 136348

Ion	Ratio	Lower	Upper
139	100		
109	67.6	48.5	88.5
65	102.2	83.4	123.4



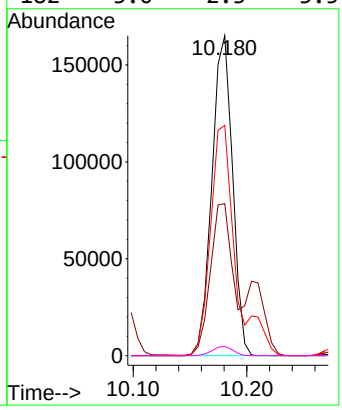


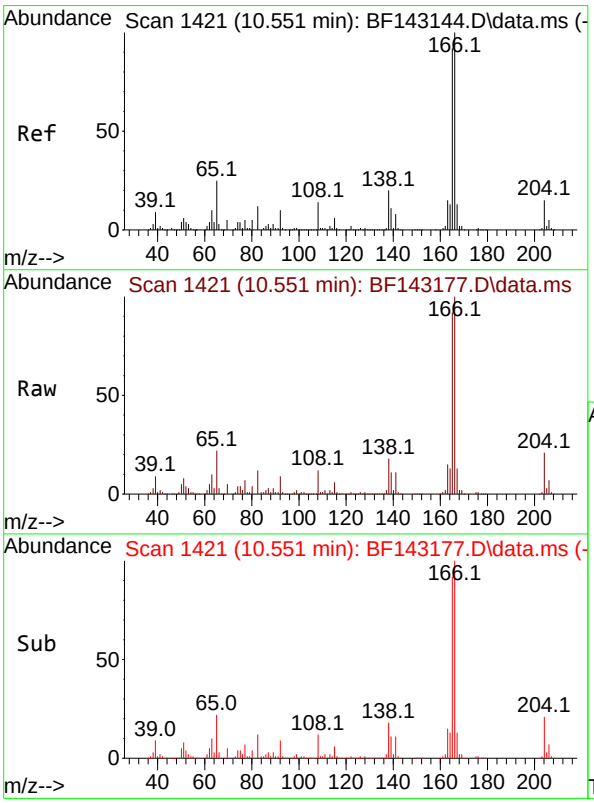
#57
2,4-Dinitrotoluene
Concen: 43.658 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 208497

Ion	Ratio	Lower	Upper
165	100		
63	47.5	41.0	61.4
89	72.0	61.1	91.7
182	3.0	2.3	3.5

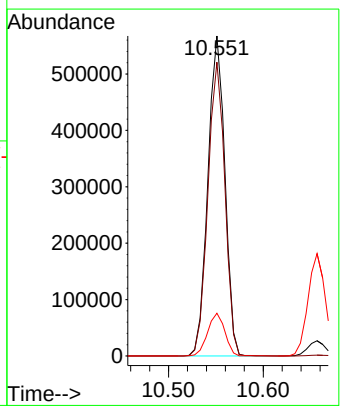


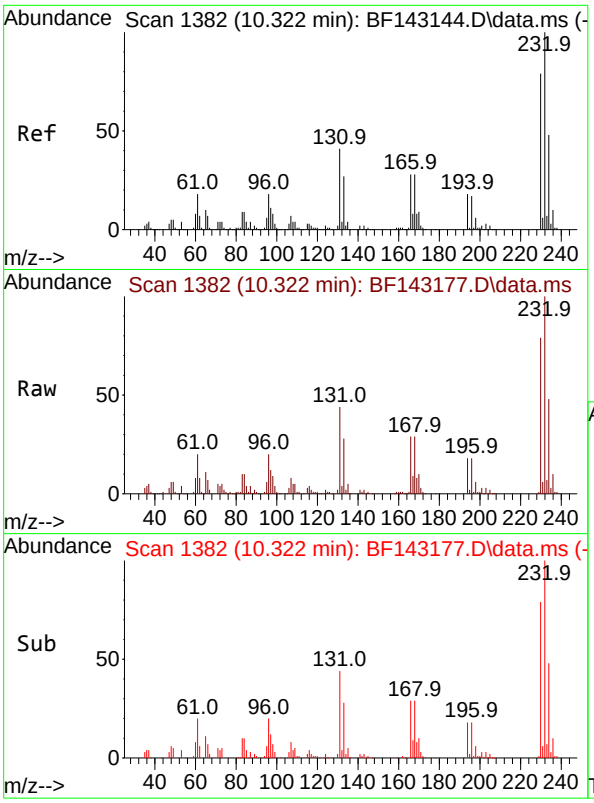


#58
Fluorene
Concen: 38.582 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:166 Resp: 705686

Ion	Ratio	Lower	Upper
166	100		
165	91.8	73.7	110.5
167	13.4	10.6	16.0



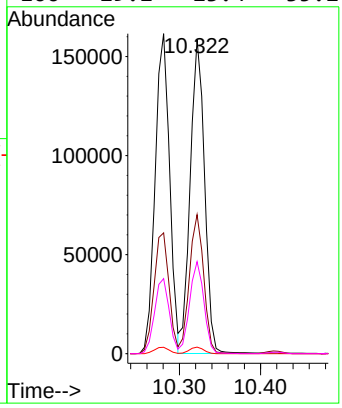


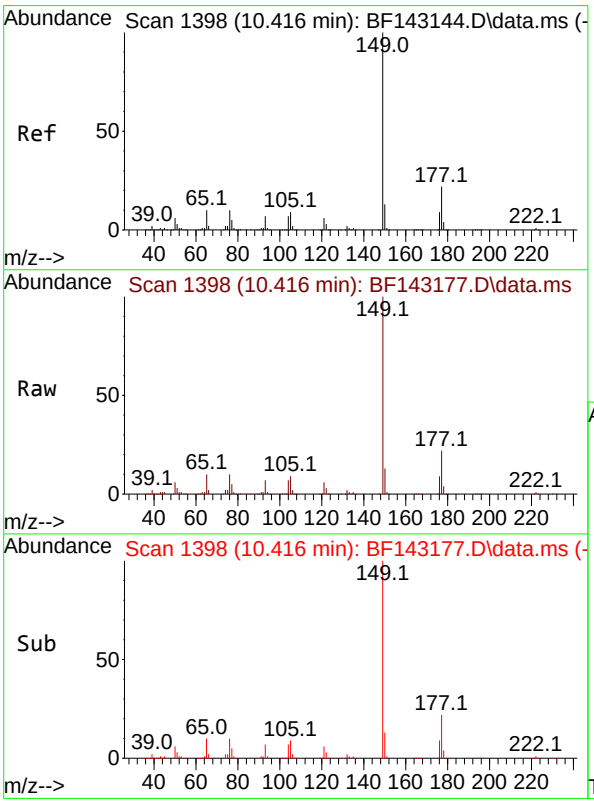
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.130 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 195488

Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.3	52.9
130	2.1	1.7	2.5
166	29.2	23.4	35.2

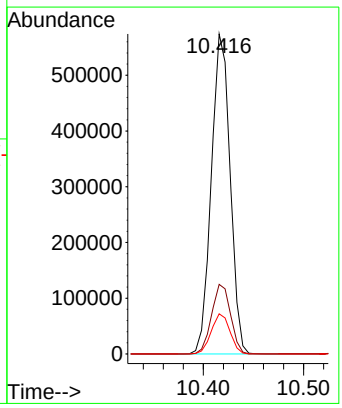


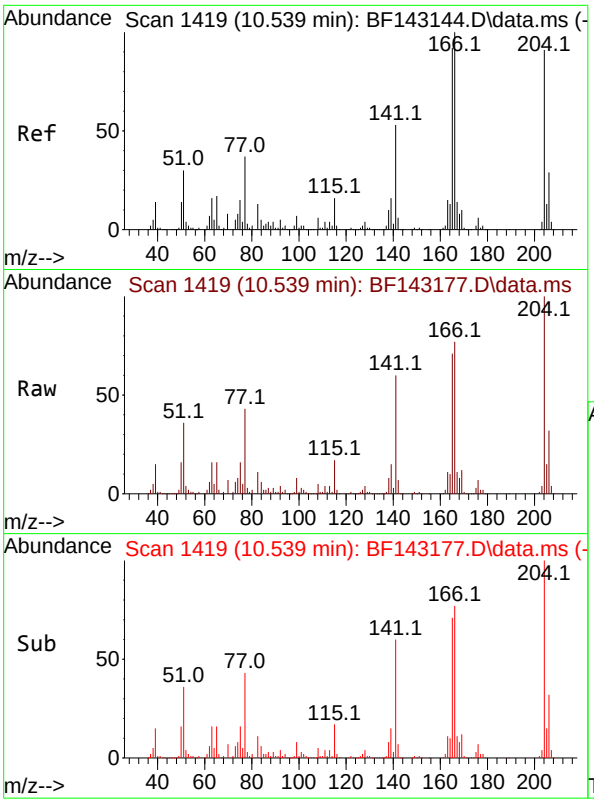


#60
Diethylphthalate
Concen: 40.297 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 745293

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.5	26.3
150	12.5	10.2	15.2



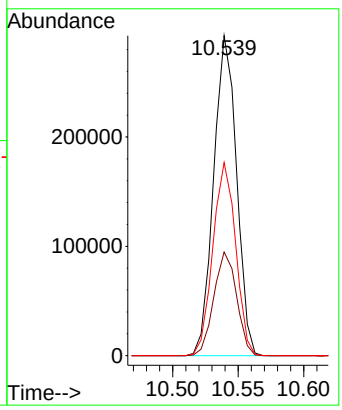


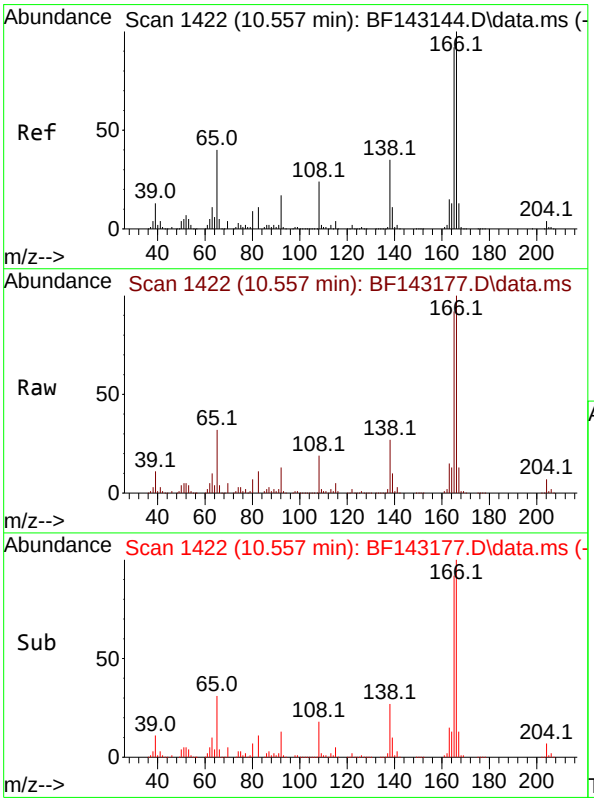
#61
4-Chlorophenyl-phenylether
Concen: 39.006 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 355248

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	60.4	47.0	70.4

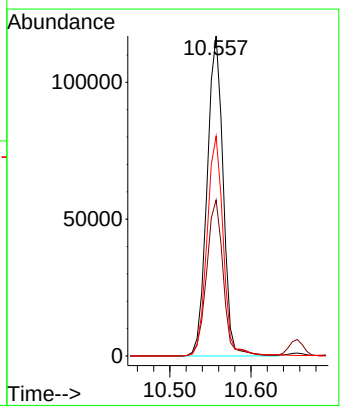


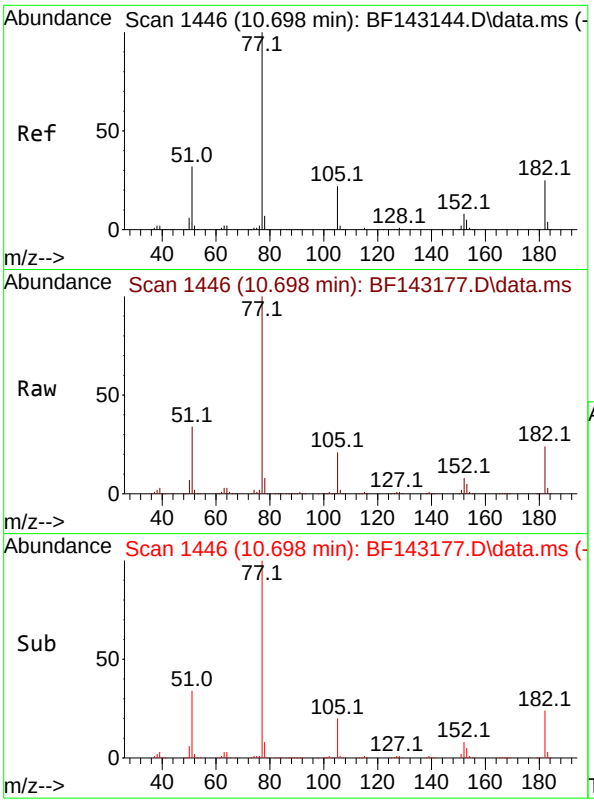


#62
4-Nitroaniline
Concen: 42.030 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:138 Resp: 160383

Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.3	69.3
108	68.6	48.3	88.3



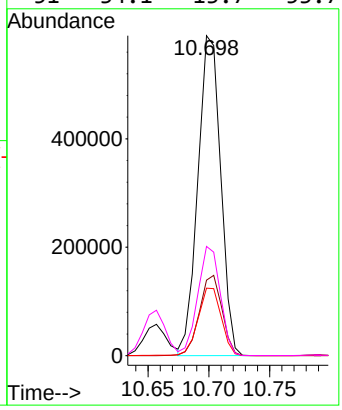


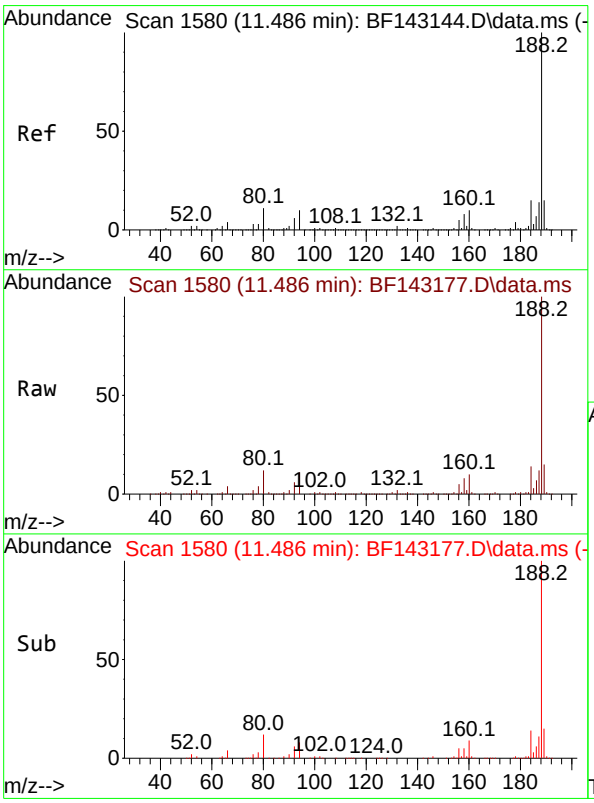
#63
Azobenzene
Concen: 39.955 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 770158

Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.6	44.6
105	21.1	1.4	41.4
51	34.1	13.7	53.7

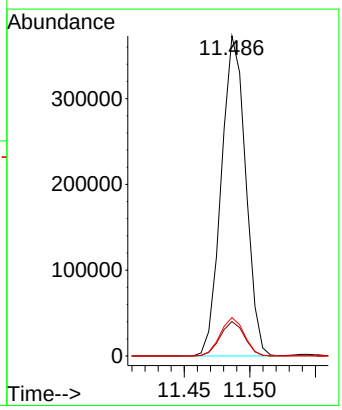


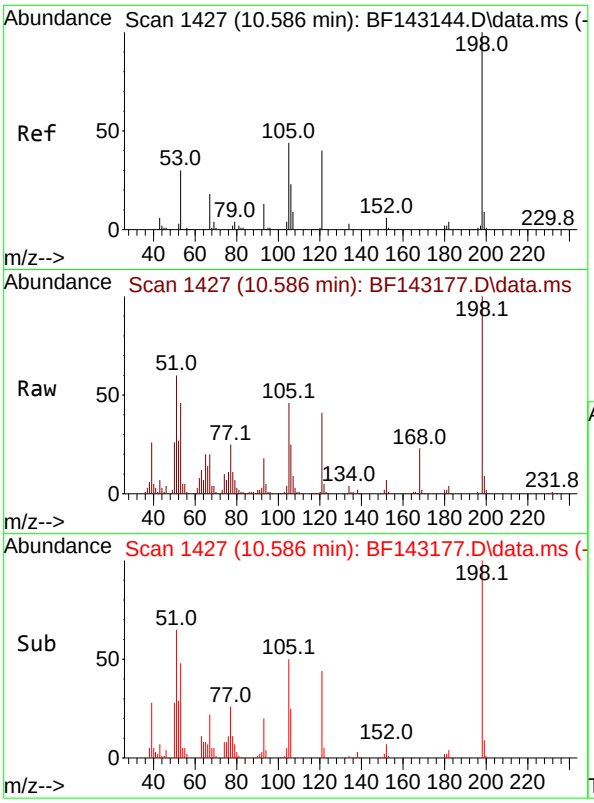


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:188 Resp: 481775

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	12.0	9.0	13.6



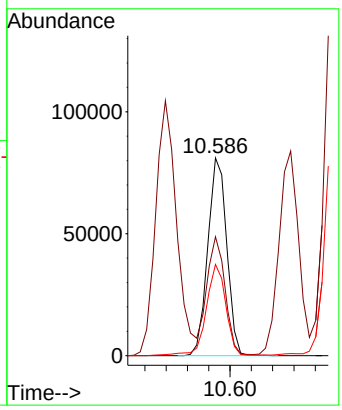


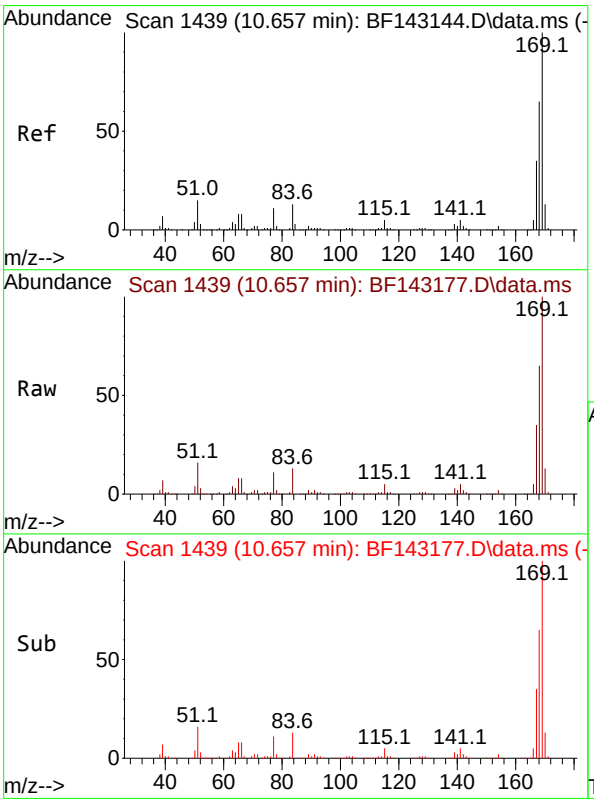
#65
4,6-Dinitro-2-methylphenol
Concen: 40.643 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 100286

Ion	Ratio	Lower	Upper
198	100		
51	60.1	37.2	77.2
105	46.2	24.8	64.8

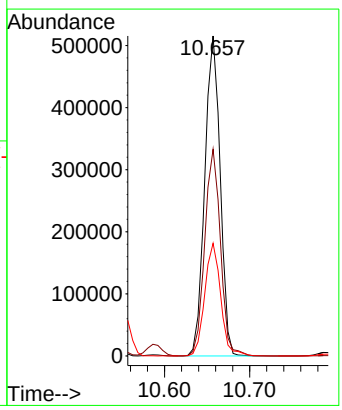


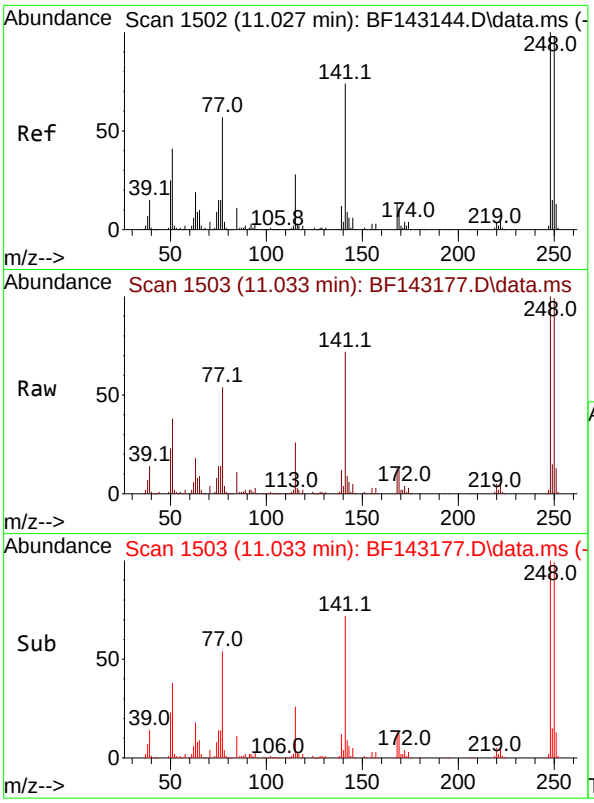


#66
n-Nitrosodiphenylamine
Concen: 38.190 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:169 Resp: 647888

Ion	Ratio	Lower	Upper
169	100		
168	64.6	52.1	78.1
167	35.2	28.2	42.2



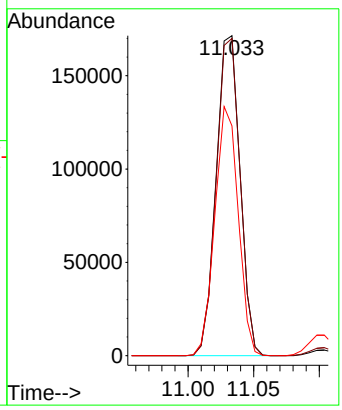


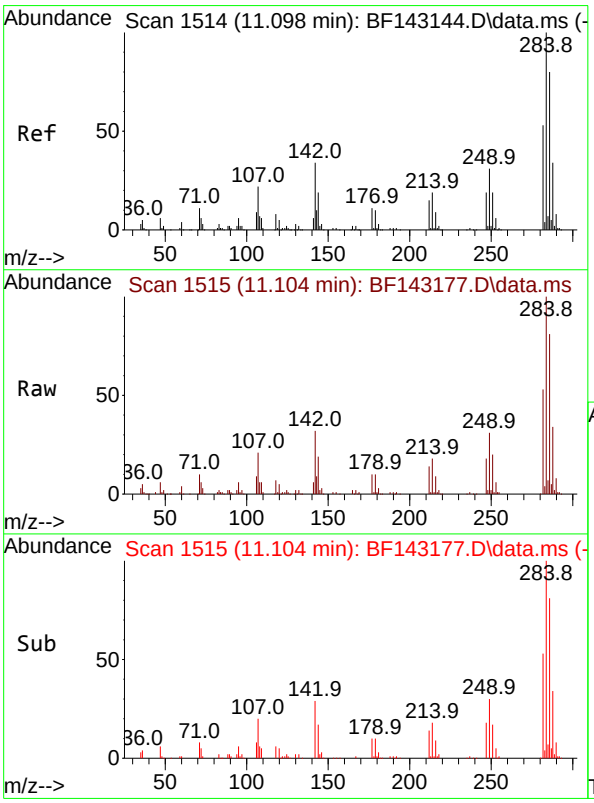
#67
4-Bromophenyl-phenylether
Concen: 37.943 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 217849

Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.3	117.5
141	71.8	59.2	88.8

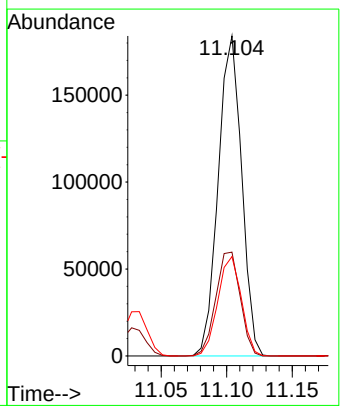


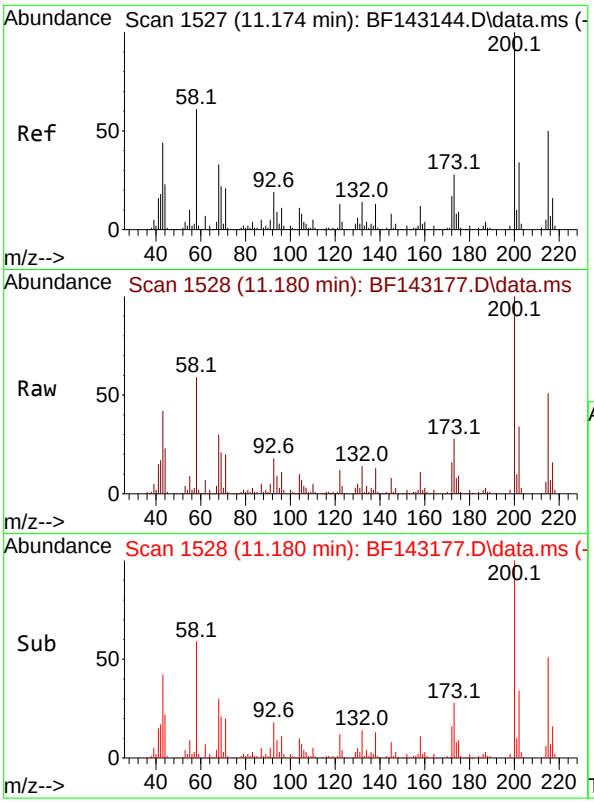


#68
Hexachlorobenzene
Concen: 38.002 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:284 Resp: 228054

Ion	Ratio	Lower	Upper
284	100		
142	32.5	27.0	40.6
249	31.1	25.0	37.6



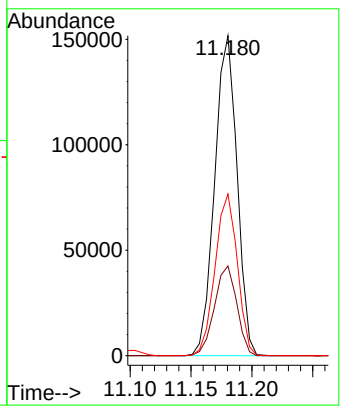


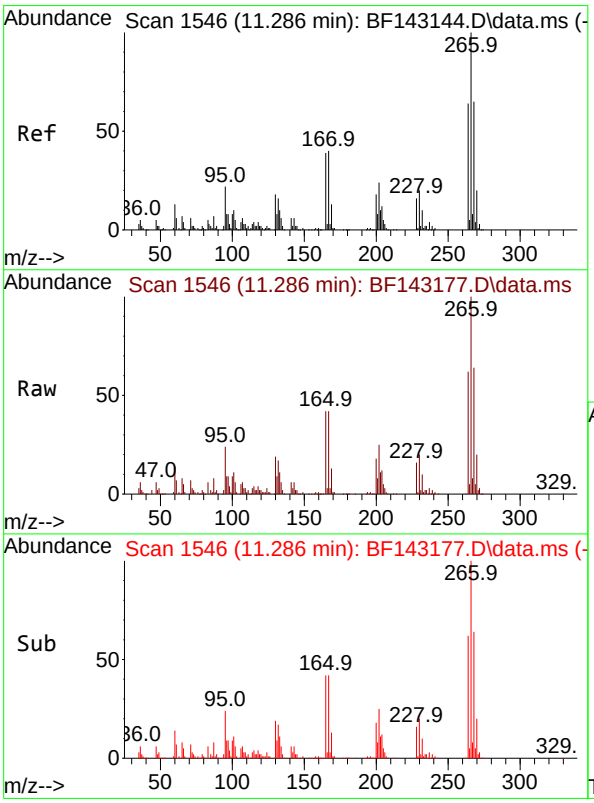
#69
Atrazine
Concen: 41.506 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 194126

Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.9	47.9
215	50.5	30.1	70.1

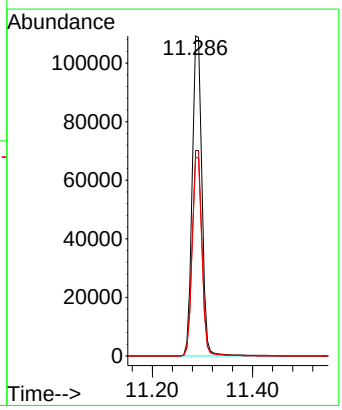


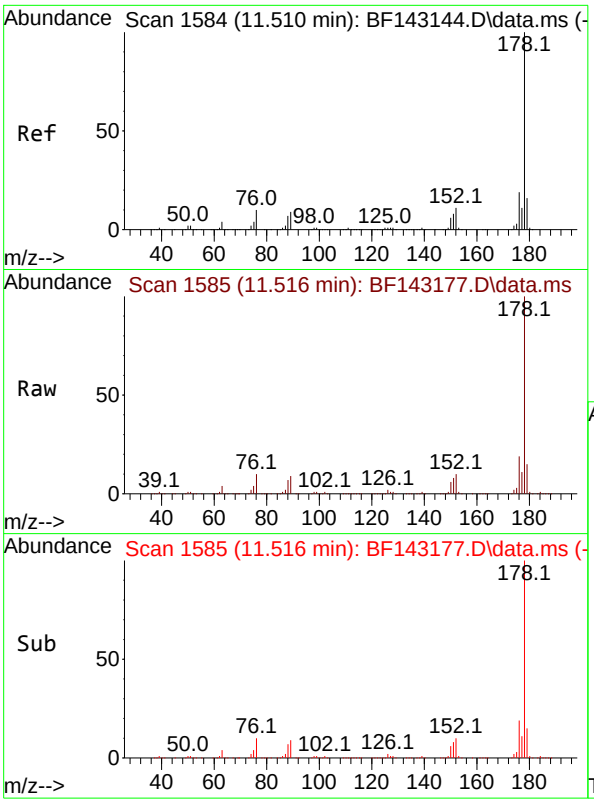


#70
Pentachlorophenol
Concen: 41.596 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:266 Resp: 146798

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.9	77.9
264	62.2	51.0	76.6



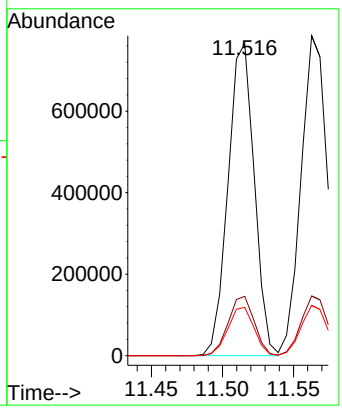


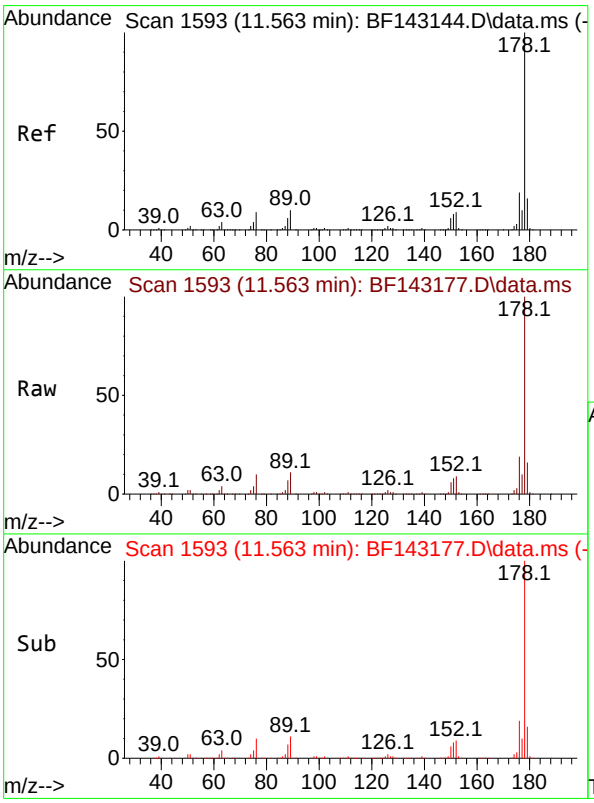
#71
Phenanthrene
Concen: 38.546 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 986033

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.5	12.5	18.7

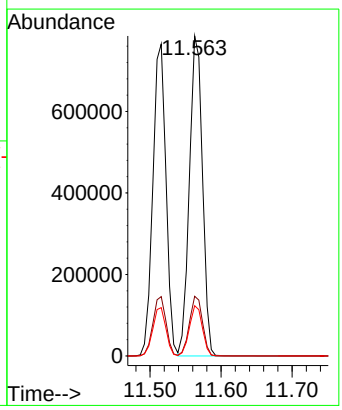


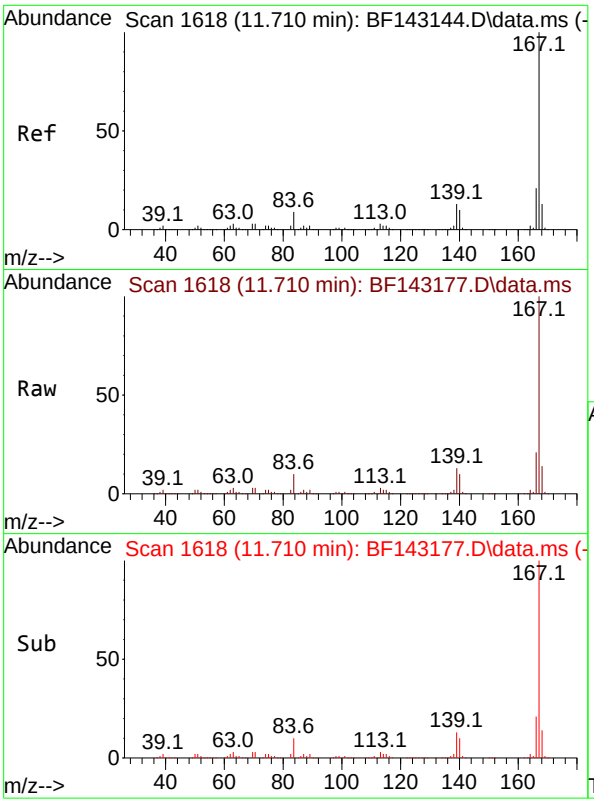


#72
Anthracene
Concen: 38.560 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:178 Resp: 1006010

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.5	18.7



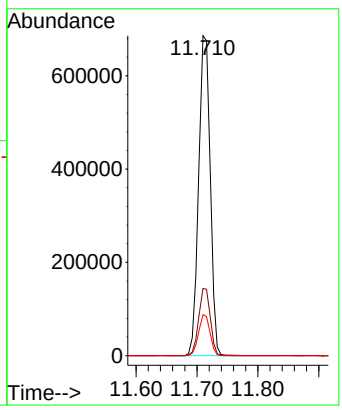


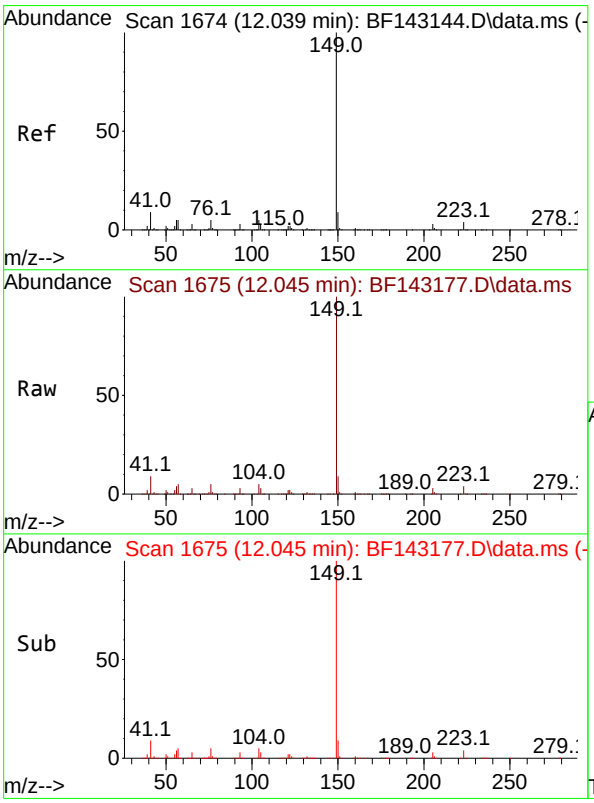
#73
Carbazole
Concen: 39.755 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 905667

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.8	10.0	15.0

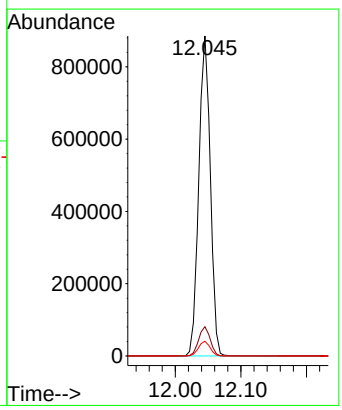


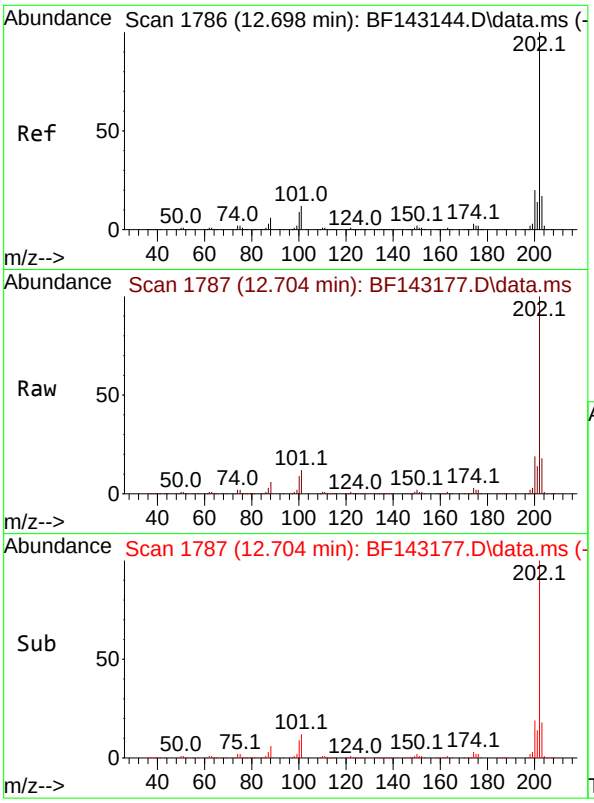


#74
Di-n-butylphthalate
Concen: 42.111 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 1085481

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.6	3.8	5.8



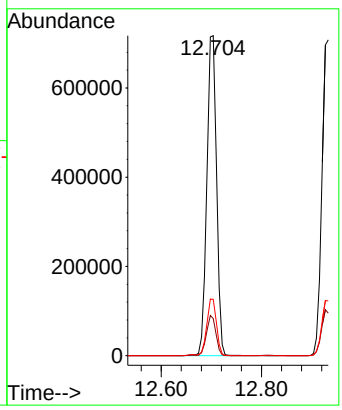


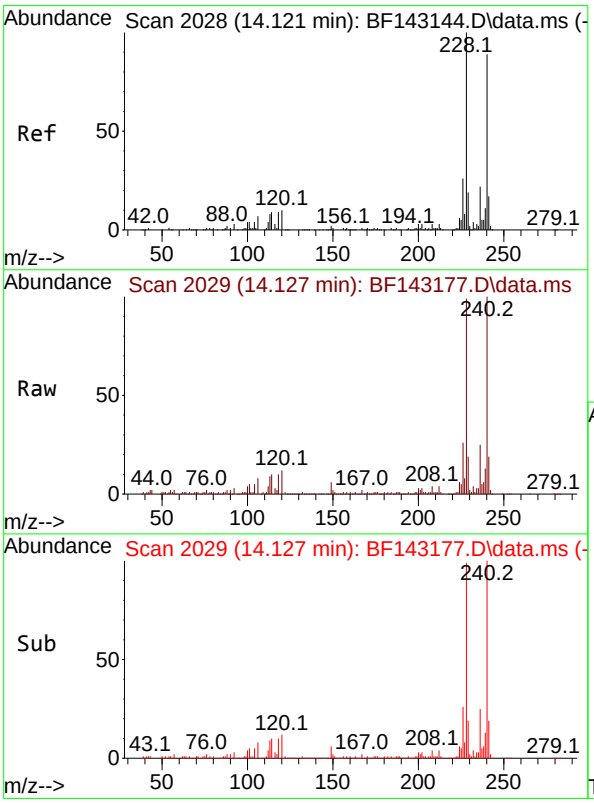
#75
Fluoranthene
Concen: 41.148 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 966154

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.6	0.0	37.4

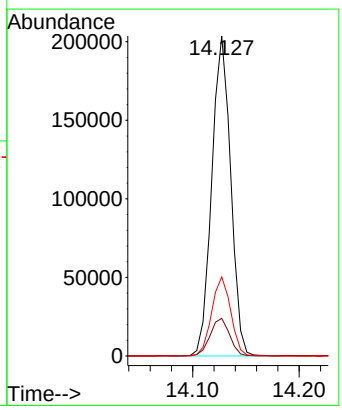


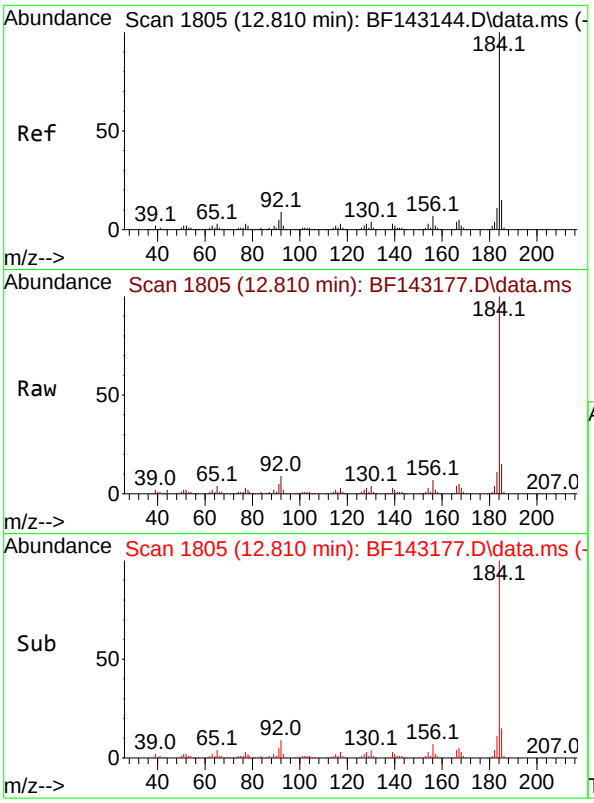


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:240 Resp: 251217

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	24.7	20.2	30.4



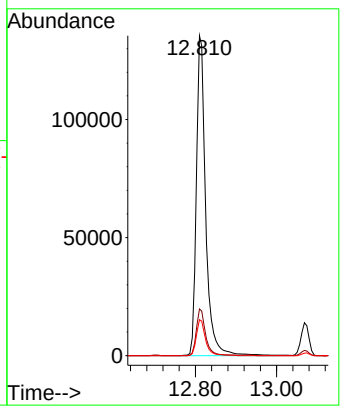


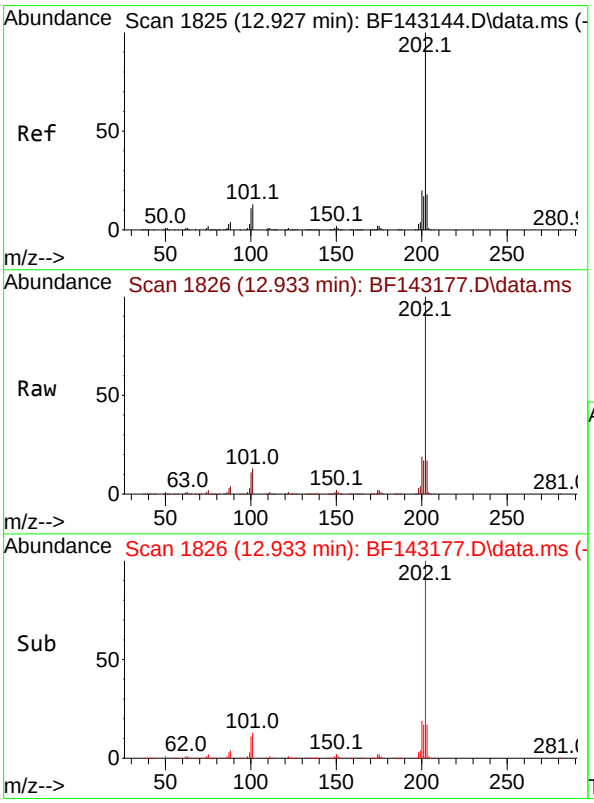
#77
Benzidine
Concen: 22.544 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 218195

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.4
183	11.2	9.0	13.4

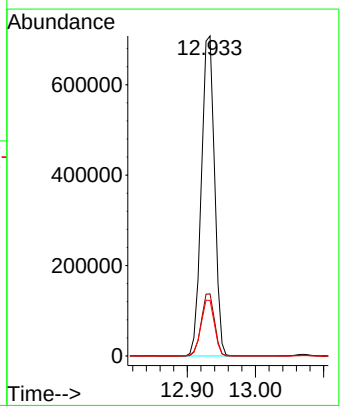


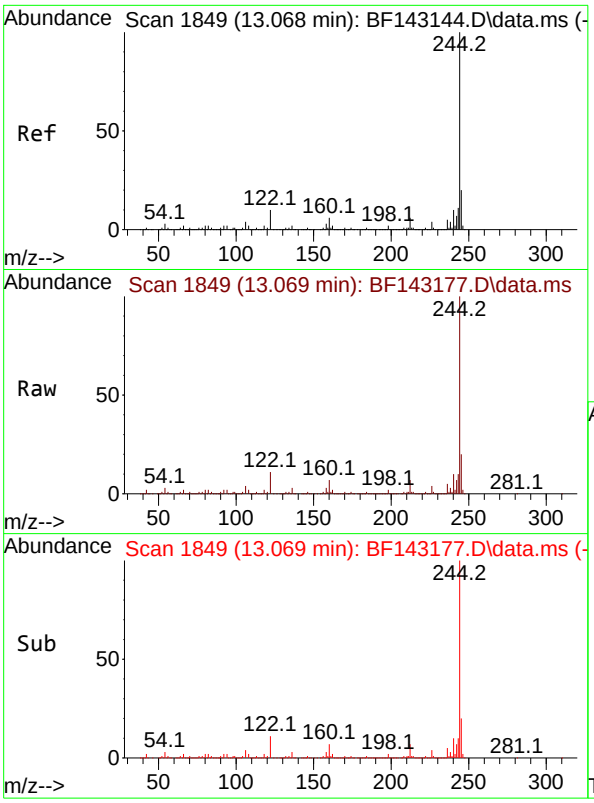


#78
Pyrene
Concen: 44.341 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:202 Resp: 950663

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.7	23.5
203	17.3	14.2	21.2



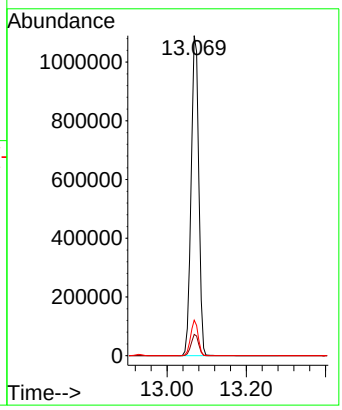


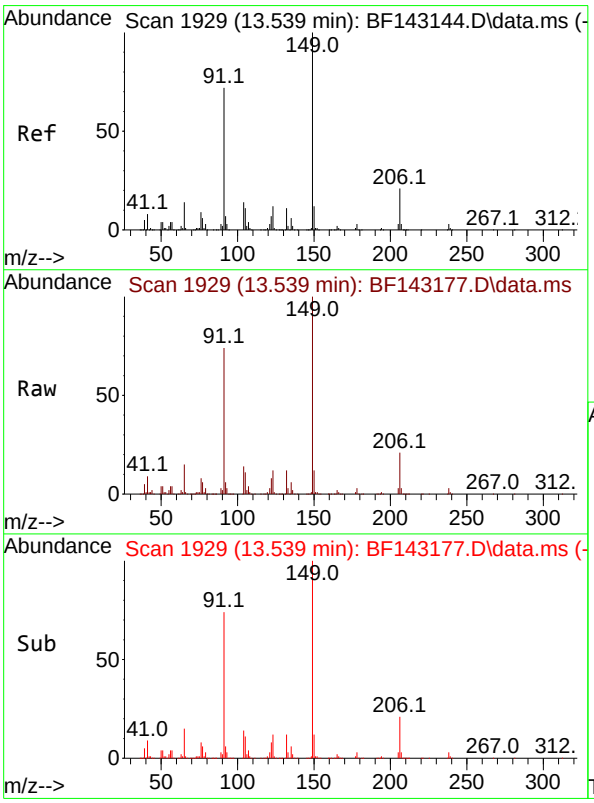
#79
Terphenyl-d14
Concen: 86.285 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1456637

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.1	8.2	12.2

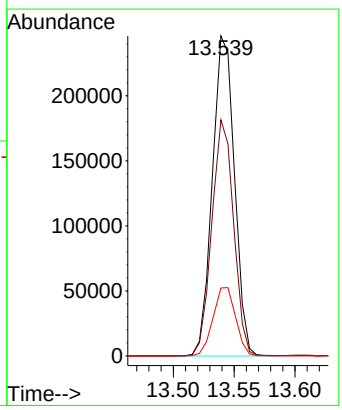


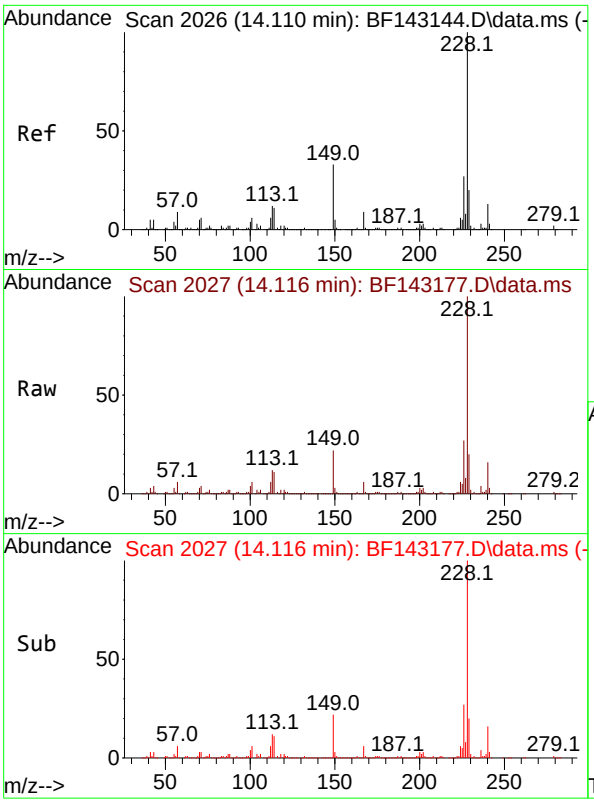


#80
Butylbenzylphthalate
Concen: 47.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 311792

Ion	Ratio	Lower	Upper
149	100		
91	73.8	57.9	86.9
206	21.3	17.0	25.4



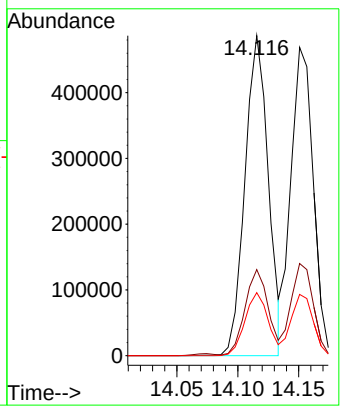


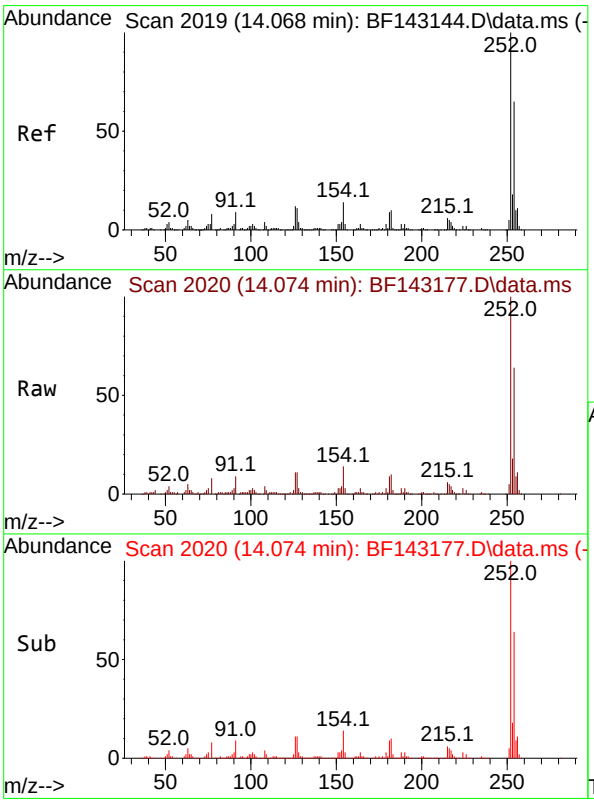
#81
Benzo(a)anthracene
Concen: 38.651 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 650070

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.7	15.8	23.6

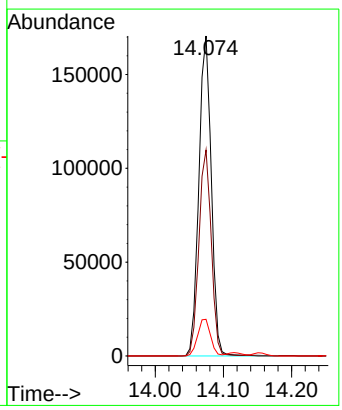


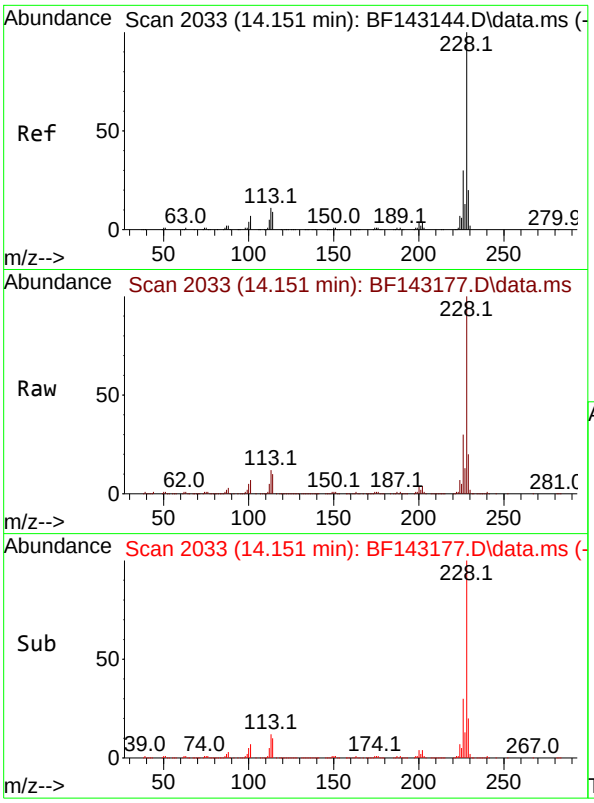


#82
3,3'-Dichlorobenzidine
Concen: 38.517 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:252 Resp: 215912

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	11.4	9.4	14.0



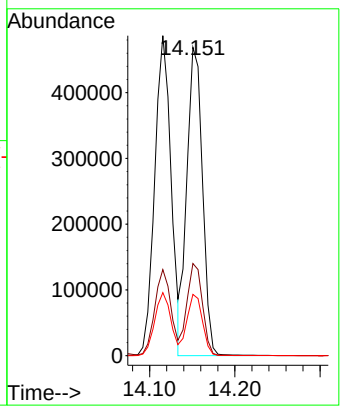


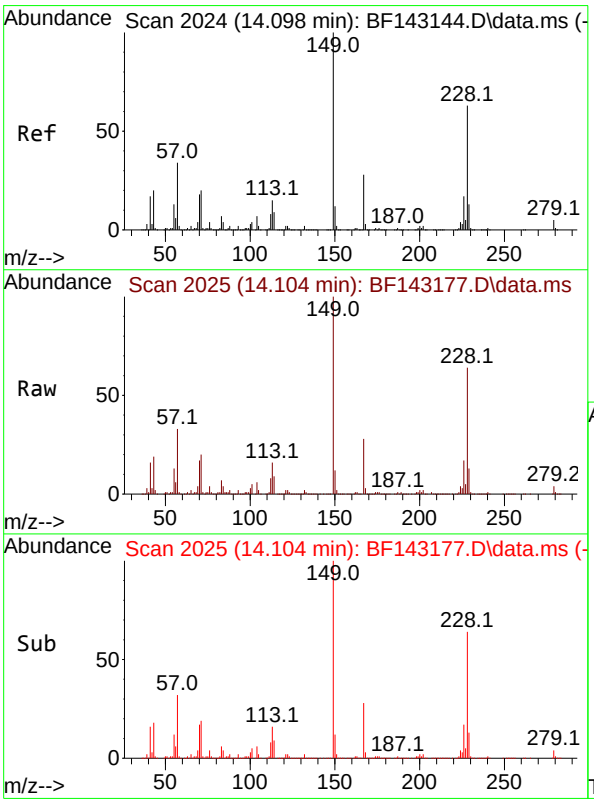
#83
Chrysene
Concen: 39.537 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 597875

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.9	15.6	23.4

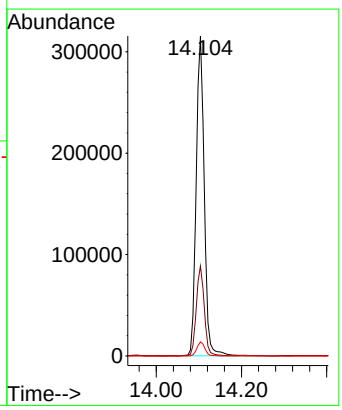


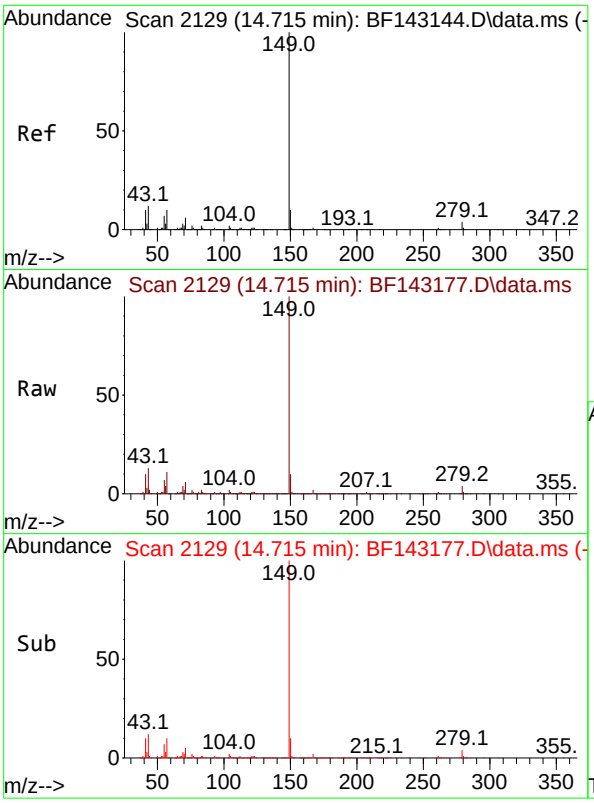


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.663 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 414006

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.4	3.6	5.4



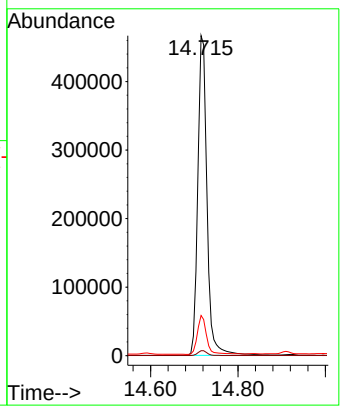


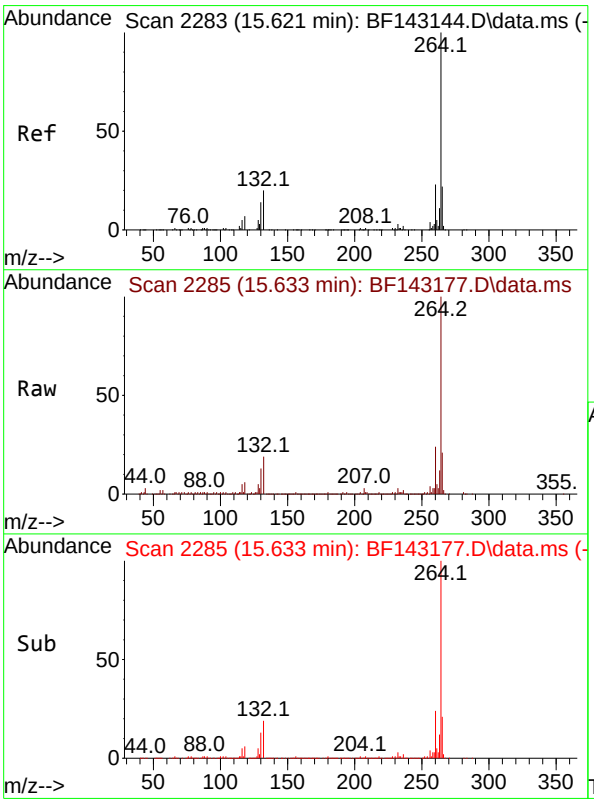
#85
Di-n-octyl phthalate
Concen: 38.026 ng
RT: 14.715 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 684937

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.2	9.7	14.5

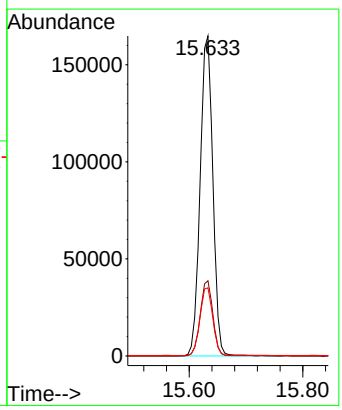


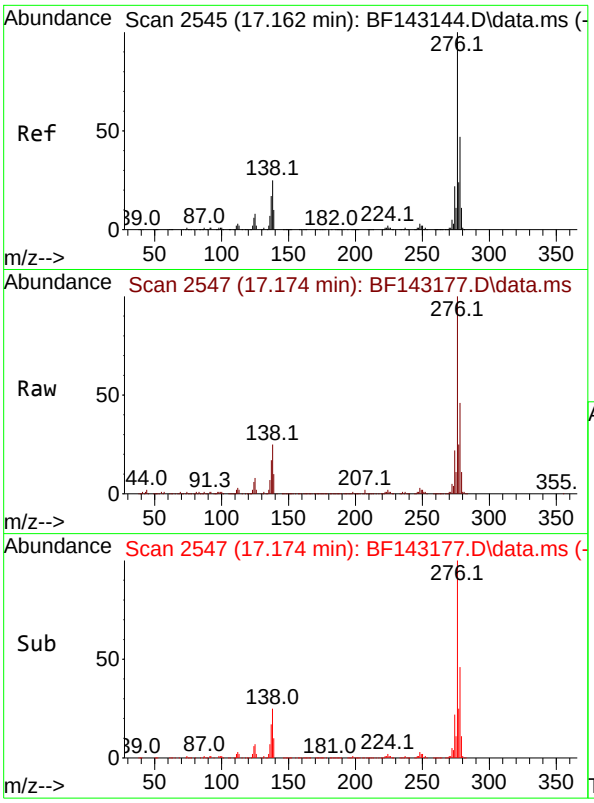


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:264 Resp: 256275

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.3	17.4	26.2



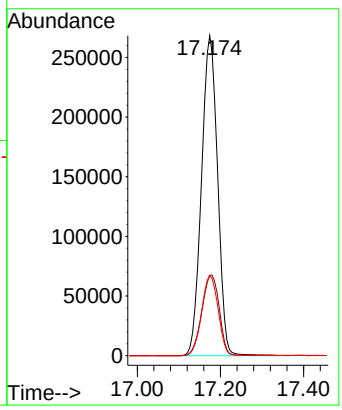


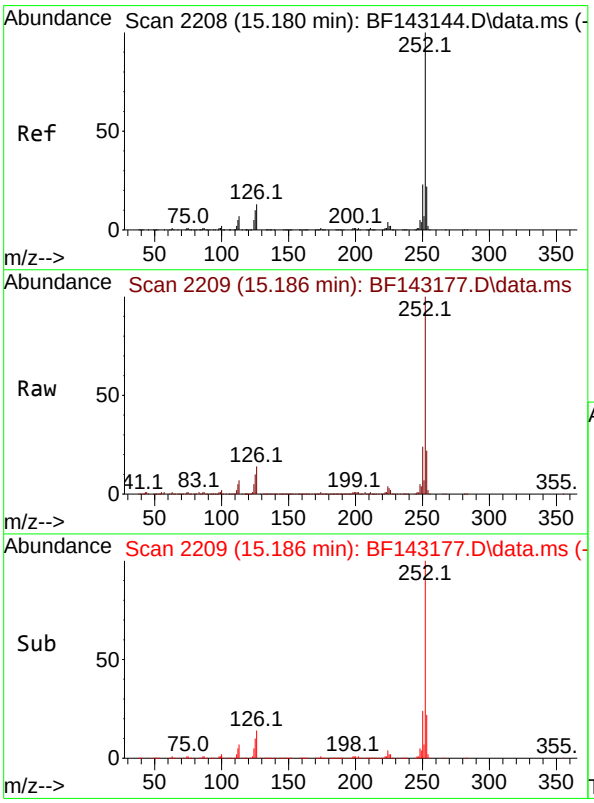
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.981 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 722484

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.7	20.0	30.0

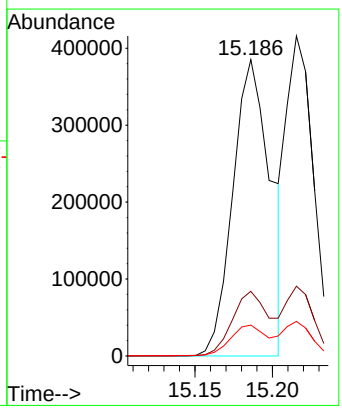


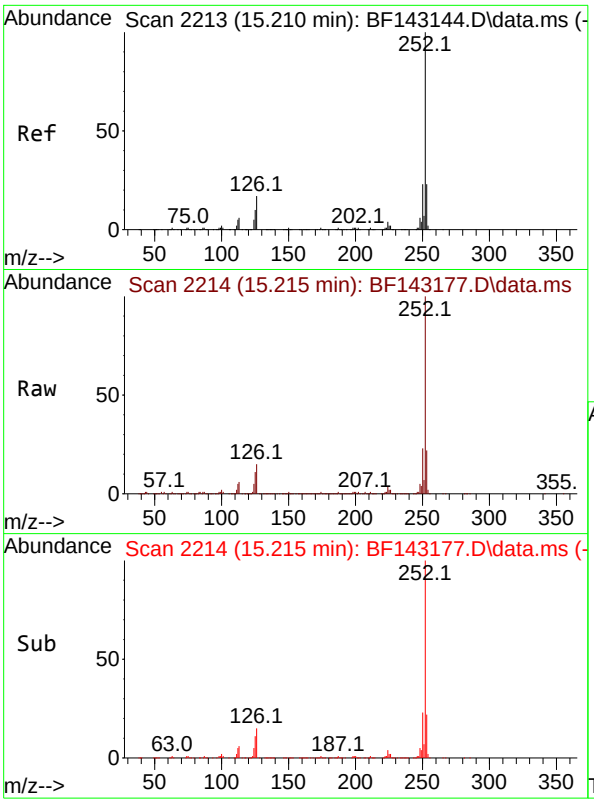


#88
Benzo(b)fluoranthene
Concen: 41.508 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:252 Resp: 649846

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.4	8.0	12.0



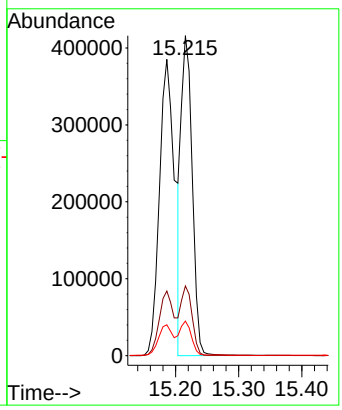


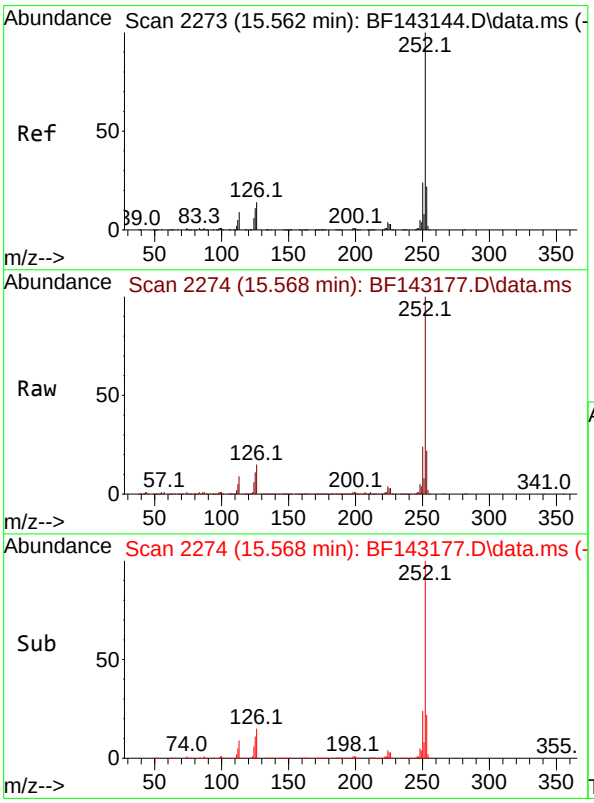
#89
Benzo(k)fluoranthene
Concen: 36.301 ng
RT: 15.215 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 507153

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.8	8.1	12.1

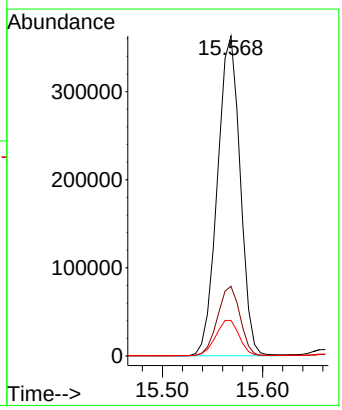


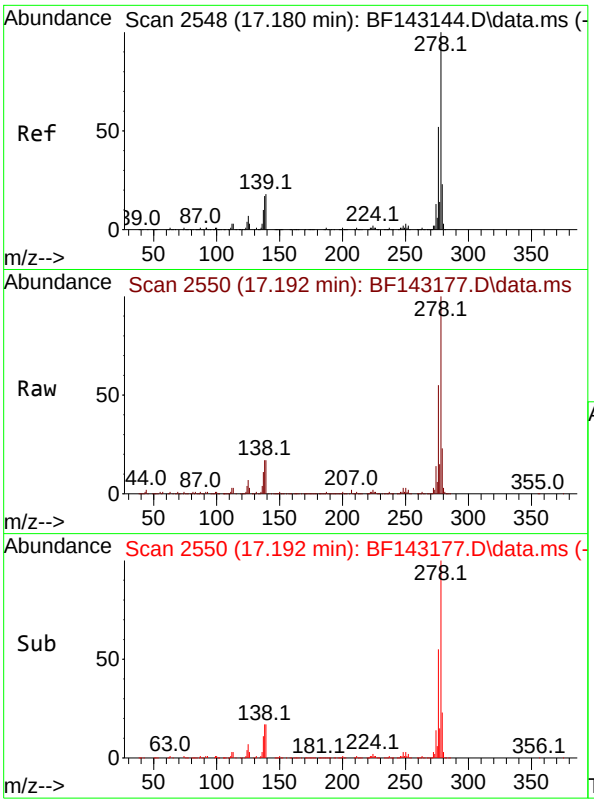


#90
Benzo(a)pyrene
Concen: 39.651 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:252 Resp: 571955

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.1	8.6	13.0



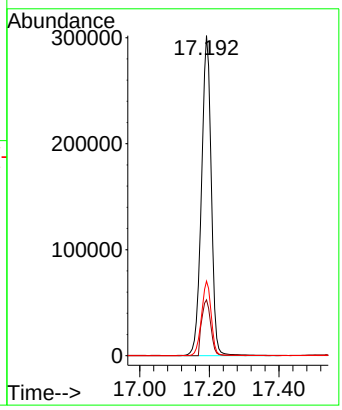


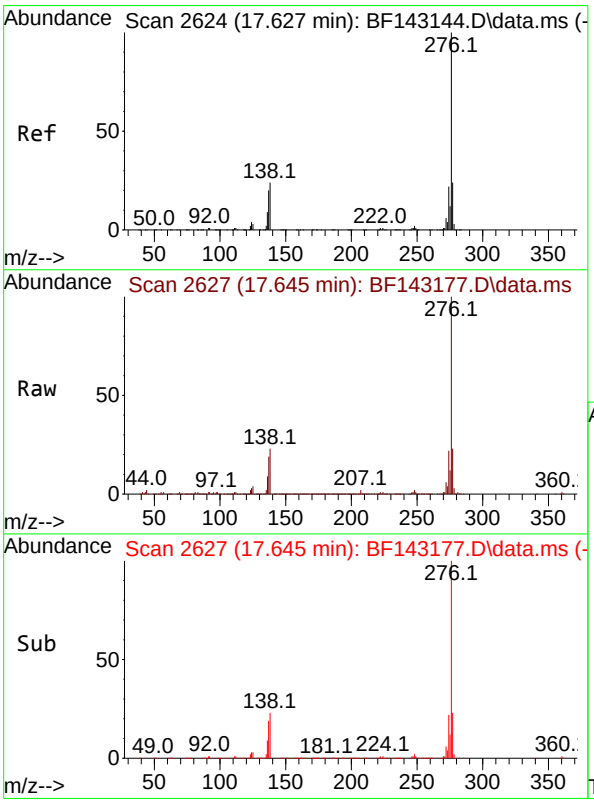
#91
Dibenzo(a,h)anthracene
Concen: 40.175 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 590913

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.1	21.1
279	23.3	18.6	28.0

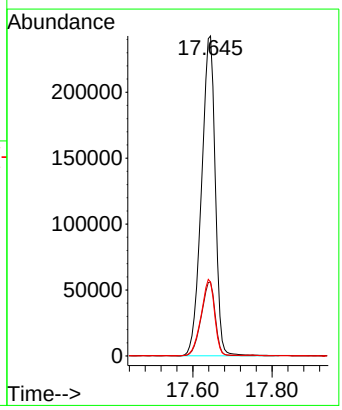




#92
Benzo(g,h,i)perylene
Concen: 40.914 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:276 Resp: 582117

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	23.1	18.9	28.3



Sample Results: **BF143177.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	82	0.00
2		1,4-Dioxane	0.598	0.585	2.2	80	0.00
3		Pyridine	1.552	1.500	3.4	81	0.00
4		n-Nitrosodimethylamine	0.801	0.791	1.2	80	0.00
5	S	2-Fluorophenol	1.264	1.232	2.5	82	0.00
6		Aniline	2.217	2.172	2.0	81	0.00
7	S	Phenol-d6	1.591	1.553	2.4	82	0.00
8		2-Chlorophenol	1.325	1.316	0.7	83	0.00
9		Benzaldehyde	1.193	3.850	-222.7#	220#	0.00
10	C	Phenol	1.733	1.796	-3.6	86	0.00
11		bis(2-Chloroethyl)ether	1.327	1.294	2.5	82	0.00
12		1,3-Dichlorobenzene	1.439	1.406	2.3	83	0.00
13	C	1,4-Dichlorobenzene	1.449	1.428	1.4	83	0.00
14		1,2-Dichlorobenzene	1.378	1.362	1.2	84	0.00
15		Benzyl Alcohol	1.215	1.225	-0.8	83	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.438	0.9	83	0.00
17		2-Methylphenol	1.114	1.106	0.7	83	0.00
18		Hexachloroethane	0.502	0.506	-0.8	84	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.990	3.0	83	0.00
20		3+4-Methylphenols	1.351	1.380	-2.1	85	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	84	0.00
22		Acetophenone	0.474	0.452	4.6	84	0.00
23	S	Nitrobenzene-d5	0.401	0.400	0.2	85	0.00
24		Nitrobenzene	0.374	0.373	0.3	84	0.00
25		Isophorone	0.708	0.698	1.4	85	0.00
26	C	2-Nitrophenol	0.162	0.172	-6.2	84	0.00
27		2,4-Dimethylphenol	0.331	0.323	2.4	84	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.411	3.3	84	0.00
29	C	2,4-Dichlorophenol	0.279	0.274	1.8	84	0.00
30		1,2,4-Trichlorobenzene	0.302	0.291	3.6	83	0.00
31		Naphthalene	0.985	0.952	3.4	84	0.00
32		Benzoic acid	0.169	0.194	-14.8	91	0.00
33		4-Chloroaniline	0.402	0.395	1.7	85	0.00
34	C	Hexachlorobutadiene	0.184	0.179	2.7	83	0.00
35		Caprolactam	0.084	0.092	-9.5	89	0.00
36	C	4-Chloro-3-methylphenol	0.303	0.304	-0.3	85	0.00
37		2-Methylnaphthalene	0.599	0.584	2.5	85	0.00
38		1-Methylnaphthalene	0.617	0.609	1.3	86	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	86	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.542	6.1	85	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.365	2.9	85	0.00
42	S	2,4,6-Tribromophenol	0.207	0.215	-3.9	88	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.387	3.3	87	0.00
44		2,4,5-Trichlorophenol	0.400	0.396	1.0	85	0.00
45	S	2-Fluorobiphenyl	1.462	1.361	6.9	87	0.00
46		1,1'-Biphenyl	1.560	1.485	4.8	86	0.00
47		2-Chloronaphthalene	1.155	1.099	4.8	86	0.00

Sample Results: **BF143177.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	0.362	0.383	-5.8	88	0.00
49		Acenaphthylene	1.935	1.864	3.7	87	0.00
50		Dimethylphthalate	1.304	1.287	1.3	87	0.00
51		2,6-Dinitrotoluene	0.265	0.284	-7.2	89	0.00
52	C	Acenaphthene	1.144	1.105	3.4	87	0.00
53		3-Nitroaniline	0.310	0.318	-2.6	87	0.00
54	P	2,4-Dinitrophenol	0.098	0.119	-21.4	99	0.00
55		Dibenzofuran	1.698	1.642	3.3	87	0.00
56	P	4-Nitrophenol	0.232	0.237	-2.2	84	0.00
57		2,4-Dinitrotoluene	0.333	0.363	-9.0	89	0.00
58		Fluorene	1.274	1.229	3.5	88	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.340	-2.7	89	0.00
60		Diethylphthalate	1.289	1.298	-0.7	88	0.00
61		4-Chlorophenyl-phenylether	0.635	0.619	2.5	87	0.00
62		4-Nitroaniline	0.266	0.279	-4.9	86	0.00
63		Azobenzene	1.343	1.341	0.1	88	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.104	-10.6	95	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.672	4.5	89	0.00
67		4-Bromophenyl-phenylether	0.238	0.226	5.0	88	0.00
68		Hexachlorobenzene	0.249	0.237	4.8	88	0.00
69		Atrazine	0.194	0.201	-3.6	91	0.00
70	C	Pentachlorophenol	0.147	0.152	-3.4	91	0.00
71		Phenanthrene	1.062	1.023	3.7	89	0.00
72		Anthracene	1.083	1.044	3.6	89	0.00
73		Carbazole	0.946	0.940	0.6	90	0.00
74		Di-n-butylphthalate	1.070	1.127	-5.3	93	0.00
75	C	Fluoranthene	0.975	1.003	-2.9	93	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	85	0.00
77		Benzidine	0.771	0.434	43.7#	39#	0.00
78		Pyrene	1.707	1.892	-10.8	93	0.00
79	S	Terphenyl-d14	1.344	1.450	-7.9	94	0.00
80		Butylbenzylphthalate	0.523	0.621	-18.7	97	0.00
81		Benzo(a)anthracene	1.339	1.294	3.4	86	0.00
82		3,3'-Dichlorobenzidine	0.446	0.430	3.6	85	0.00
83		Chrysene	1.204	1.190	1.2	84	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.824	-4.2	88	0.00
85	c	Di-n-octyl phthalate	1.434	1.363	5.0	84	0.00
86	I	Perylene-d12	1.000	1.000	0.0	79	0.01
87		Indeno(1,2,3-cd)pyrene	1.410	1.410	0.0	79	0.01
88		Benzo(b)fluoranthene	1.222	1.268	-3.8	88	0.00
89		Benzo(k)fluoranthene	1.090	0.989	9.3	69	0.00
90	C	Benzo(a)pyrene	1.126	1.116	0.9	79	0.00
91		Dibenzo(a,h)anthracene	1.148	1.153	-0.4	80	0.01
92		Benzo(g,h,i)perylene	1.110	1.136	-2.3	81	0.02

Sample Results: **BF143177.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

Sample Results: **BF143177.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	82	0.00
2		1,4-Dioxane	40.000	39.132	2.2	80	0.00
3		Pyridine	40.000	38.657	3.4	81	0.00
4		n-Nitrosodimethylamine	40.000	39.459	1.4	80	0.00
5	S	2-Fluorophenol	80.000	77.959	2.6	82	0.00
6		Aniline	40.000	39.186	2.0	81	0.00
7	S	Phenol-d6	80.000	78.075	2.4	82	0.00
8		2-Chlorophenol	40.000	39.740	0.6	83	0.00
9		Benzaldehyde	40.000	129.116	-222.8#	220	0.00
10	C	Phenol	40.000	41.450	-3.6	86	0.00
11		bis(2-Chloroethyl)ether	40.000	38.997	2.5	82	0.00
12		1,3-Dichlorobenzene	40.000	39.079	2.3	83	0.00
13	C	1,4-Dichlorobenzene	40.000	39.415	1.5	83	0.00
14		1,2-Dichlorobenzene	40.000	39.536	1.2	84	0.00
15		Benzyl Alcohol	40.000	40.325	-0.8	83	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.617	1.0	83	0.00
17		2-Methylphenol	40.000	39.715	0.7	83	0.00
18		Hexachloroethane	40.000	40.337	-0.8	84	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.818	3.0	83	0.00
20		3+4-Methylphenols	40.000	40.856	-2.1	85	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	84	0.00
22		Acetophenone	40.000	38.166	4.6	84	0.00
23	S	Nitrobenzene-d5	80.000	79.820	0.2	85	0.00
24		Nitrobenzene	40.000	39.931	0.2	84	0.00
25		Isophorone	40.000	39.403	1.5	85	0.00
26	C	2-Nitrophenol	40.000	42.420	-6.1	84	0.00
27		2,4-Dimethylphenol	40.000	39.039	2.4	84	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.742	3.1	84	0.00
29	C	2,4-Dichlorophenol	40.000	39.284	1.8	84	0.00
30		1,2,4-Trichlorobenzene	40.000	38.597	3.5	83	0.00
31		Naphthalene	40.000	38.661	3.3	84	0.00
32		Benzoic acid	40.000	42.399	-6.0	91	0.00
33		4-Chloroaniline	40.000	39.296	1.8	85	0.00
34	C	Hexachlorobutadiene	40.000	38.797	3.0	83	0.00
35		Caprolactam	40.000	43.497	-8.7	89	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.031	-0.1	85	0.00
37		2-Methylnaphthalene	40.000	38.948	2.6	85	0.00
38		1-Methylnaphthalene	40.000	39.448	1.4	86	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	86	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.530	6.2	85	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.857	2.9	85	0.00
42	S	2,4,6-Tribromophenol	80.000	83.135	-3.9	88	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.716	3.2	87	0.00
44		2,4,5-Trichlorophenol	40.000	39.609	1.0	85	0.00
45	S	2-Fluorobiphenyl	80.000	74.477	6.9	87	0.00
46		1,1'-Biphenyl	40.000	38.059	4.9	86	0.00
47		2-Chloronaphthalene	40.000	38.067	4.8	86	0.00

Sample Results: **BF143177.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	42.277	-5.7	88	0.00
49		Acenaphthylene	40.000	38.541	3.6	87	0.00
50		Dimethylphthalate	40.000	39.501	1.2	87	0.00
51		2,6-Dinitrotoluene	40.000	42.869	-7.2	89	0.00
52	C	Acenaphthene	40.000	38.656	3.4	87	0.00
53		3-Nitroaniline	40.000	41.017	-2.5	87	0.00
54	P	2,4-Dinitrophenol	40.000	43.071	-7.7	99	0.00
55		Dibenzofuran	40.000	38.679	3.3	87	0.00
56	P	4-Nitrophenol	40.000	41.010	-2.5	84	0.00
57		2,4-Dinitrotoluene	40.000	43.658	-9.1	89	0.00
58		Fluorene	40.000	38.582	3.5	88	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.130	-2.8	89	0.00
60		Diethylphthalate	40.000	40.297	-0.7	88	0.00
61		4-Chlorophenyl-phenylether	40.000	39.006	2.5	87	0.00
62		4-Nitroaniline	40.000	42.030	-5.1	86	0.00
63		Azobenzene	40.000	39.955	0.1	88	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.643	-1.6	95	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.190	4.5	89	0.00
67		4-Bromophenyl-phenylether	40.000	37.943	5.1	88	0.00
68		Hexachlorobenzene	40.000	38.002	5.0	88	0.00
69		Atrazine	40.000	41.506	-3.8	91	0.00
70	C	Pentachlorophenol	40.000	41.596	-4.0	91	0.00
71		Phenanthrene	40.000	38.546	3.6	89	0.00
72		Anthracene	40.000	38.560	3.6	89	0.00
73		Carbazole	40.000	39.755	0.6	90	0.00
74		Di-n-butylphthalate	40.000	42.111	-5.3	93	0.00
75	C	Fluoranthene	40.000	41.148	-2.9	93	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	85	0.00
77		Benzidine	40.000	22.544	43.6#	39	0.00
78		Pyrene	40.000	44.341	-10.9	93	0.00
79	S	Terphenyl-d14	80.000	86.285	-7.9	94	0.00
80		Butylbenzylphthalate	40.000	47.491	-18.7	97	0.00
81		Benzo(a)anthracene	40.000	38.651	3.4	86	0.00
82		3,3'-Dichlorobenzidine	40.000	38.517	3.7	85	0.00
83		Chrysene	40.000	39.537	1.2	84	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.663	-4.2	88	0.00
85	c	Di-n-octyl phthalate	40.000	38.026	4.9	84	0.00
86	I	Perylene-d12	20.000	20.000	0.0	79	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	39.981	0.0	79	0.01
88		Benzo(b)fluoranthene	40.000	41.508	-3.8	88	0.00
89		Benzo(k)fluoranthene	40.000	36.301	9.2	69	0.00
90	C	Benzo(a)pyrene	40.000	39.651	0.9	79	0.00
91		Dibenzo(a,h)anthracene	40.000	40.175	-0.4	80	0.01
92		Benzo(g,h,i)perylene	40.000	40.914	-2.3	81	0.02

Sample Results: **BF143177.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_F Calibration Date/Time: 07/22/2025 13:55

Lab File ID: BF143187.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.228		-2.8	50.0
Phenol-d6	1.591	1.539		-3.3	50.0
Nitrobenzene-d5	0.401	0.404		0.7	50.0
Naphthalene	0.985	0.970		-1.5	50.0
2-Methylnaphthalene	0.599	0.591		-1.3	50.0
2-Fluorobiphenyl	1.462	1.449		-0.9	50.0
Acenaphthylene	1.935	1.914		-1.1	50.0
Acenaphthene	1.144	1.157		1.1	50.0
Fluorene	1.274	1.255		-1.5	50.0
2,4,6-Tribromophenol	0.207	0.214		3.4	50.0
Phenanthrene	1.062	1.050		-1.1	50.0
Anthracene	1.083	1.076		-0.6	50.0
Fluoranthene	0.975	1.020		4.6	50.0
Pyrene	1.707	1.544		-9.5	50.0
Terphenyl-d14	1.344	1.184		-11.9	50.0
Benzo(a)anthracene	1.339	1.284		-4.1	50.0
Chrysene	1.204	1.210		0.5	50.0
Benzo(b)fluoranthene	1.222	1.221		-0.1	50.0
Benzo(k)fluoranthene	1.090	1.049		-3.8	50.0
Benzo(a)pyrene	1.126	1.119		-0.6	50.0
Indeno(1,2,3-cd)pyrene	1.410	1.321		-6.3	50.0
Dibenzo(a,h)anthracene	1.148	1.070		-6.8	50.0
Benzo(g,h,i)perylene	1.110	1.026		-7.6	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	111012	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	422094	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	210926	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	343518	20.000	ng		0.00
76) Chrysene-d12	14.127	240	225021	20.000	ng		0.00
86) Perylene-d12	15.633	264	256485	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	545451	77.753	ng		0.00
7) Phenol-d6	6.587	99	683542	77.413	ng		0.00
23) Nitrobenzene-d5	7.522	82	682159	80.559	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	180390	82.786	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1222876	79.290	ng		0.00
79) Terphenyl-d14	13.069	244	1065941	70.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	127151	38.305	ng		99
3) Pyridine	3.581	79	330042	38.307	ng		100
4) n-Nitrosodimethylamine	3.516	42	171619	38.581	ng		99
6) Aniline	6.628	93	472751	38.416	ng		98
8) 2-Chlorophenol	6.751	128	287831	39.143	ng		98
9) Benzaldehyde	6.516	77	247030	37.310	ng		99
10) Phenol	6.598	94	396833	41.254	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	283947	38.553	ng		100
12) 1,3-Dichlorobenzene	6.910	146	314817	39.411	ng		99
13) 1,4-Dichlorobenzene	6.987	146	315046	39.163	ng		99
14) 1,2-Dichlorobenzene	7.140	146	301343	39.385	ng		99
15) Benzyl Alcohol	7.098	79	264441	39.223	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	542587	39.713	ng		99
17) 2-Methylphenol	7.210	107	243112	39.321	ng		98
18) Hexachloroethane	7.481	117	112222	40.297	ng		99
19) n-Nitroso-di-n-propyla...	7.375	70	210871	37.224	ng		99
20) 3+4-Methylphenols	7.363	107	301964	40.254	ng	#	82
22) Acetophenone	7.369	105	384155	38.442	ng	#	98
24) Nitrobenzene	7.539	77	314726	39.866	ng		99
25) Isophorone	7.781	82	564494	37.763	ng		99
26) 2-Nitrophenol	7.857	139	151024	44.078	ng		99
27) 2,4-Dimethylphenol	7.892	122	270134	38.679	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	348359	38.868	ng		100
29) 2,4-Dichlorophenol	8.098	162	232204	39.425	ng		100
30) 1,2,4-Trichlorobenzene	8.186	180	250252	39.329	ng		99
31) Naphthalene	8.269	128	818994	39.398	ng		99
32) Benzoic acid	7.981	122	166968	43.041	ng		99
33) 4-Chloroaniline	8.310	127	329590	38.830	ng		99
34) Hexachlorobutadiene	8.392	225	154282	39.691	ng		99
35) Caprolactam	8.675	113	70018	39.340	ng		97
36) 4-Chloro-3-methylphenol	8.786	107	247616	38.680	ng		97
37) 2-Methylnaphthalene	8.957	142	499061	39.453	ng		99
38) 1-Methylnaphthalene	9.057	142	512869	39.373	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	244698	40.183	ng		99
41) Hexachlorocyclopentadiene	9.116	237	163162	41.178	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	164611	39.058	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

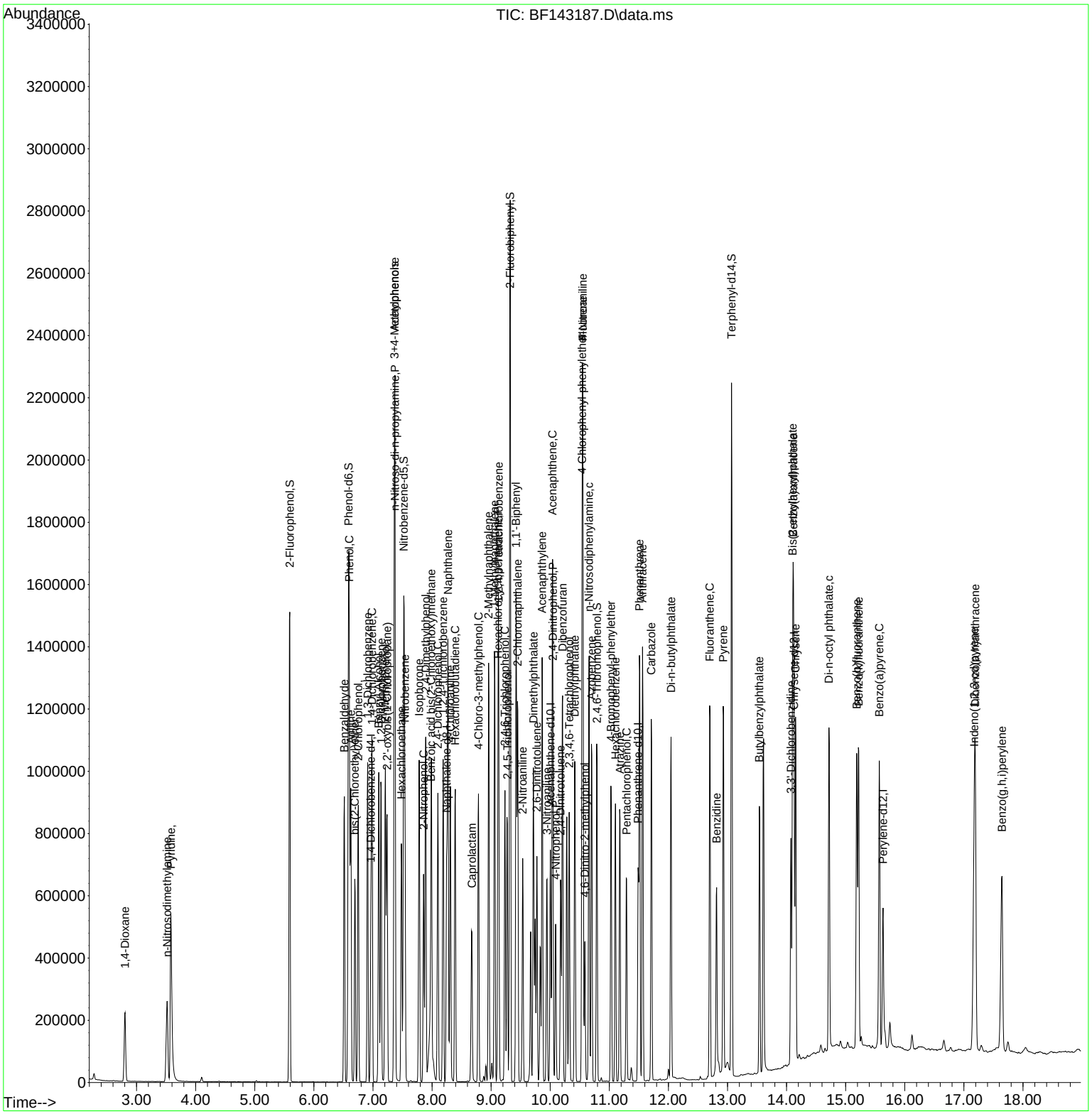
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	175359	41.595	ng	98
46) 1,1'-Biphenyl	9.422	154	657180	39.935	ng	100
47) 2-Chloronaphthalene	9.451	162	481986	39.583	ng	100
48) 2-Nitroaniline	9.533	65	162985	42.683	ng	98
49) Acenaphthylene	9.863	152	807496	39.572	ng	100
50) Dimethylphthalate	9.716	163	540541	39.316	ng	100
51) 2,6-Dinitrotoluene	9.775	165	116280	41.575	ng	98
52) Acenaphthene	10.039	154	488285	40.485	ng	98
53) 3-Nitroaniline	9.945	138	135487	41.415	ng	99
54) 2,4-Dinitrophenol	10.045	184	53173	45.117	ng	79
55) Dibenzofuran	10.210	168	702819	39.249	ng	99
56) 4-Nitrophenol	10.092	139	104968	42.968	ng	97
57) 2,4-Dinitrotoluene	10.175	165	152315	43.407	ng	98
58) Fluorene	10.551	166	529342	39.388	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	141939	40.644	ng	99
60) Diethylphthalate	10.416	149	532483	39.184	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	268207	40.079	ng	99
62) 4-Nitroaniline	10.551	138	118821	42.379	ng	98
63) Azobenzene	10.698	77	561985	39.680	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	72865	41.312	ng	97
66) n-Nitrosodiphenylamine	10.657	169	466349	38.553	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	159858	39.049	ng	97
68) Hexachlorobenzene	11.104	284	162131	37.891	ng	99
69) Atrazine	11.180	200	137101	41.112	ng	99
70) Pentachlorophenol	11.292	266	106322	42.253	ng	99
71) Phenanthrene	11.510	178	721419	39.552	ng	99
72) Anthracene	11.563	178	739139	39.733	ng	100
73) Carbazole	11.710	167	654287	40.280	ng	99
74) Di-n-butylphthalate	12.045	149	761405	41.427	ng	99
75) Fluoranthene	12.698	202	700542	41.844	ng	99
77) Benzidine	12.816	184	345158	39.813	ng	98
78) Pyrene	12.927	202	694738	36.176	ng	100
80) Butylbenzylphthalate	13.539	149	273396	46.491	ng	100
81) Benzo(a)anthracene	14.116	228	577684	38.346	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	213772	42.575	ng	99
83) Chrysene	14.151	228	544414	40.193	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	393938	44.258	ng	99
85) Di-n-octyl phthalate	14.715	149	709014	43.945	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	677875	37.481	ng	99
88) Benzo(b)fluoranthene	15.186	252	626330	39.973	ng	99
89) Benzo(k)fluoranthene	15.221	252	538347	38.503	ng	99
90) Benzo(a)pyrene	15.568	252	573999	39.760	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	549063	37.299	ng	99
92) Benzo(g,h,i)perylene	17.645	276	526414	36.968	ng	100

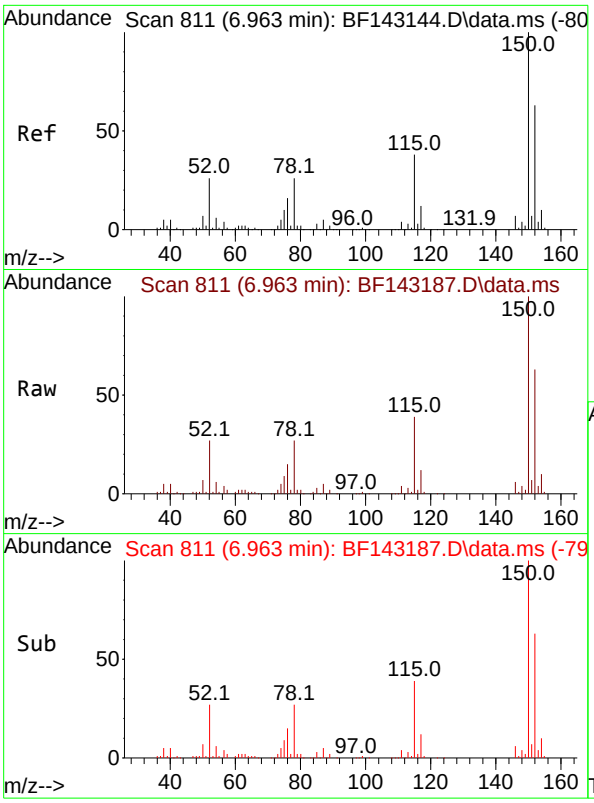
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



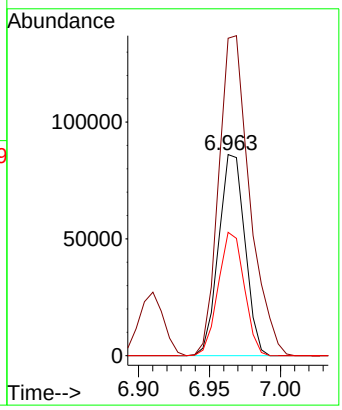


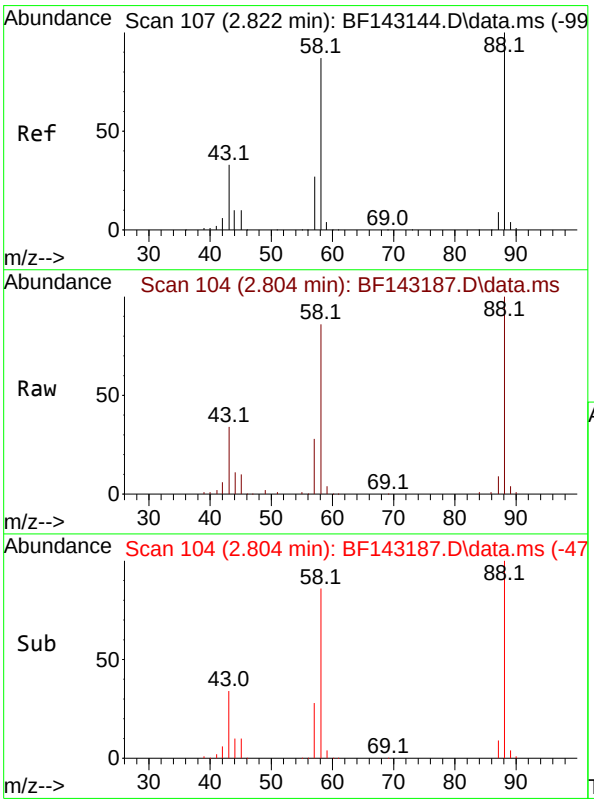
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 111012

Ion	Ratio	Lower	Upper
152	100		
150	157.9	128.2	192.4
115	61.3	47.9	71.9

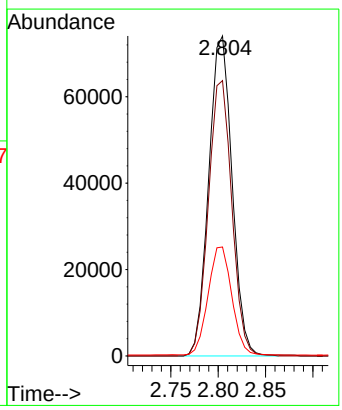


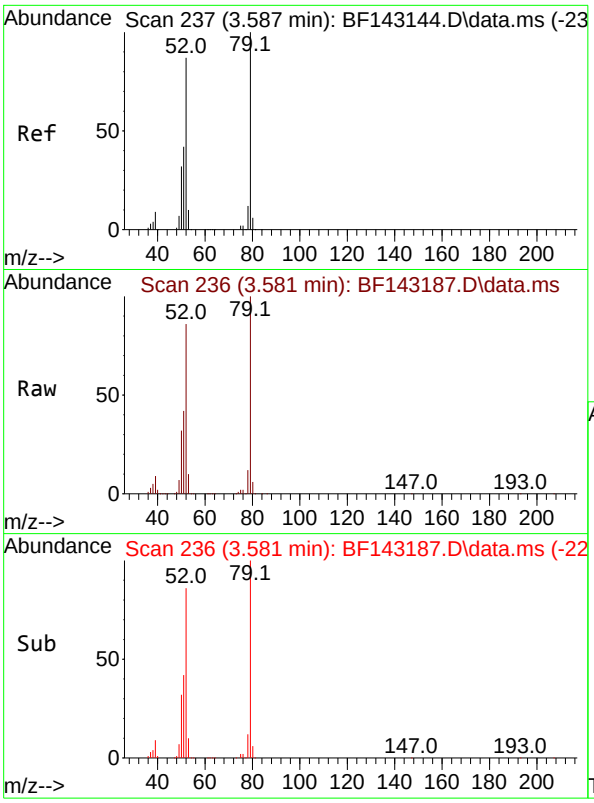


#2
1,4-Dioxane
Concen: 38.305 ng
RT: 2.804 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 88 Resp: 127151

Ion	Ratio	Lower	Upper
88	100		
58	86.4	70.2	105.2
43	34.3	27.1	40.7



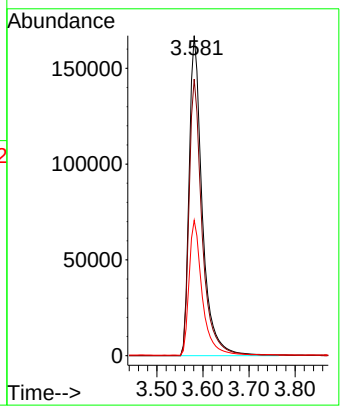


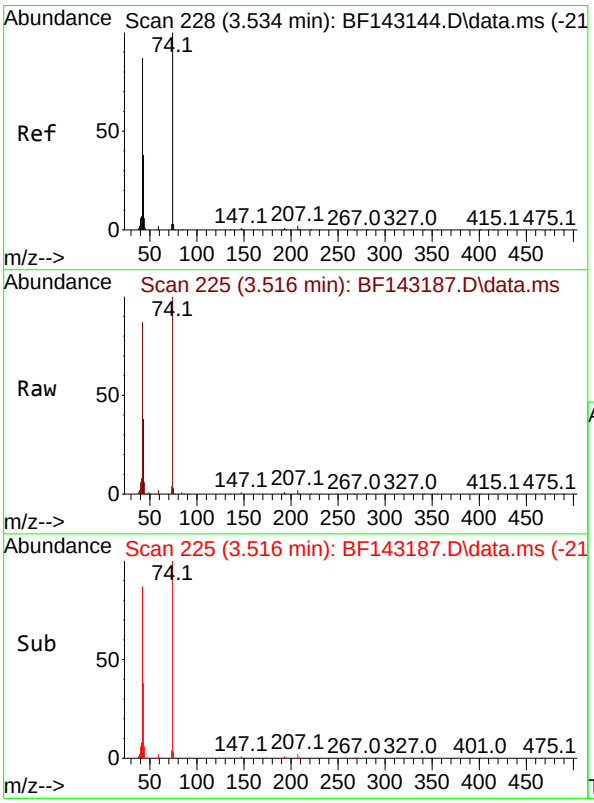
#3
Pyridine
Concen: 38.307 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 330042

Ion	Ratio	Lower	Upper
79	100		
52	86.4	69.4	104.2
51	42.3	33.5	50.3

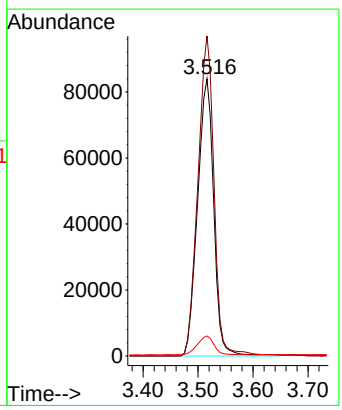


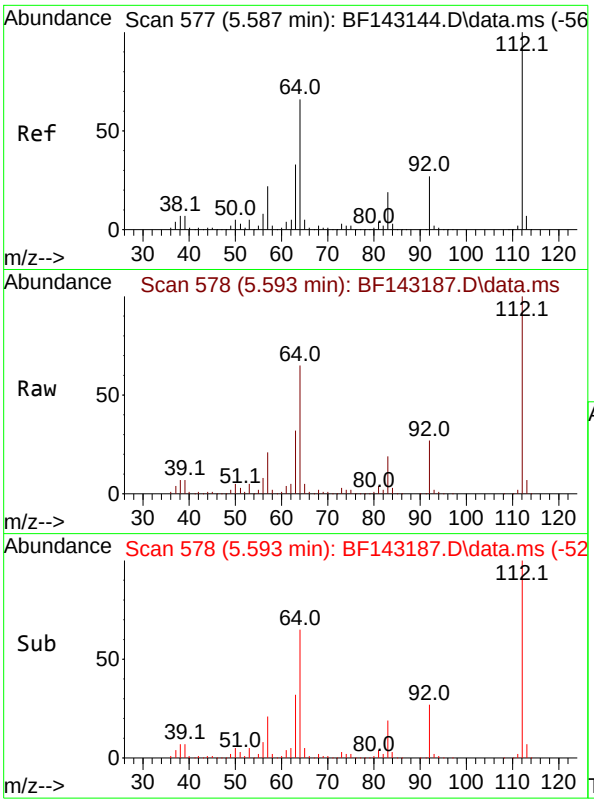


#4
n-Nitrosodimethylamine
Concen: 38.581 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 42 Resp: 171619

Ion	Ratio	Lower	Upper
42	100		
74	115.5	91.7	137.5
44	7.2	5.6	8.4



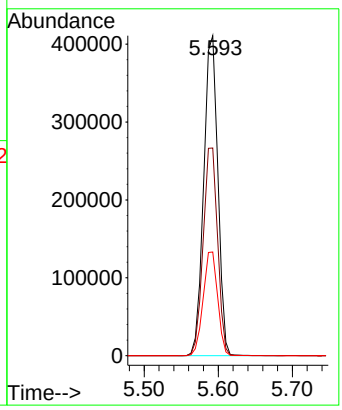


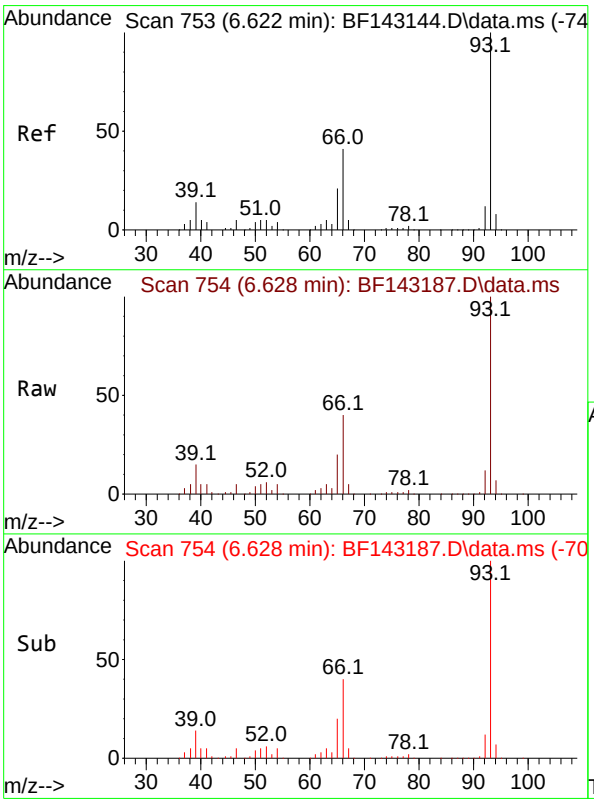
#5
2-Fluorophenol
Concen: 77.753 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 545451

Ion	Ratio	Lower	Upper
112	100		
64	64.9	53.1	79.7
63	32.4	26.6	40.0

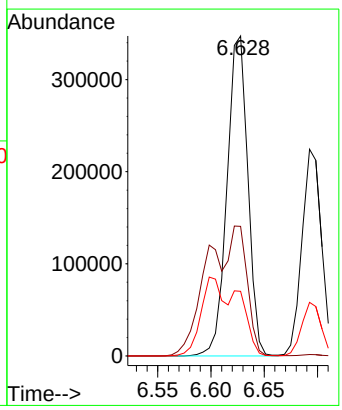


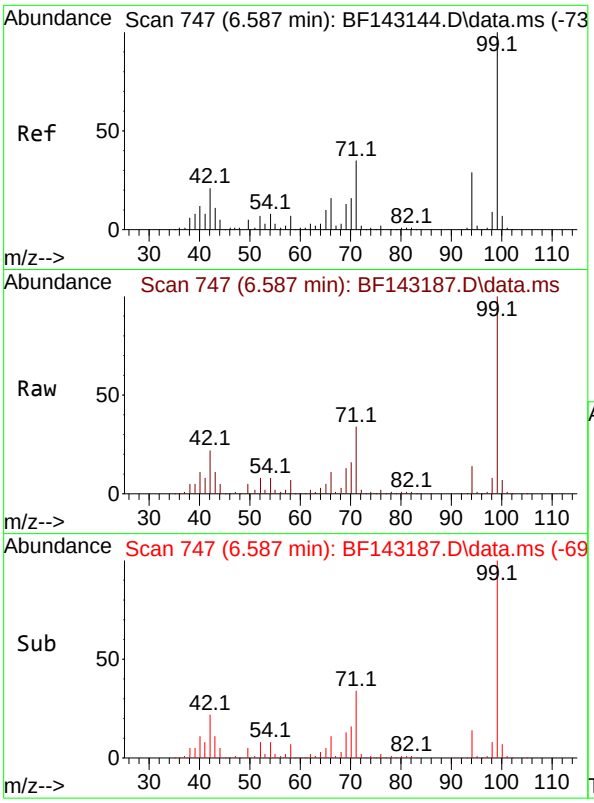


#6
Aniline
Concen: 38.416 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 93 Resp: 472751

Ion	Ratio	Lower	Upper
93	100		
66	40.5	33.2	49.8
65	20.2	16.9	25.3



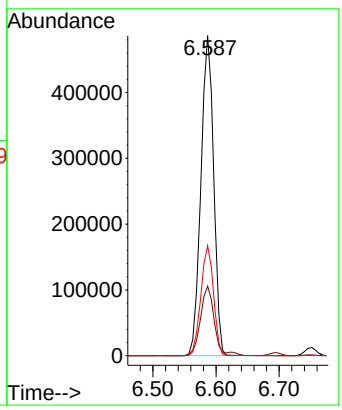


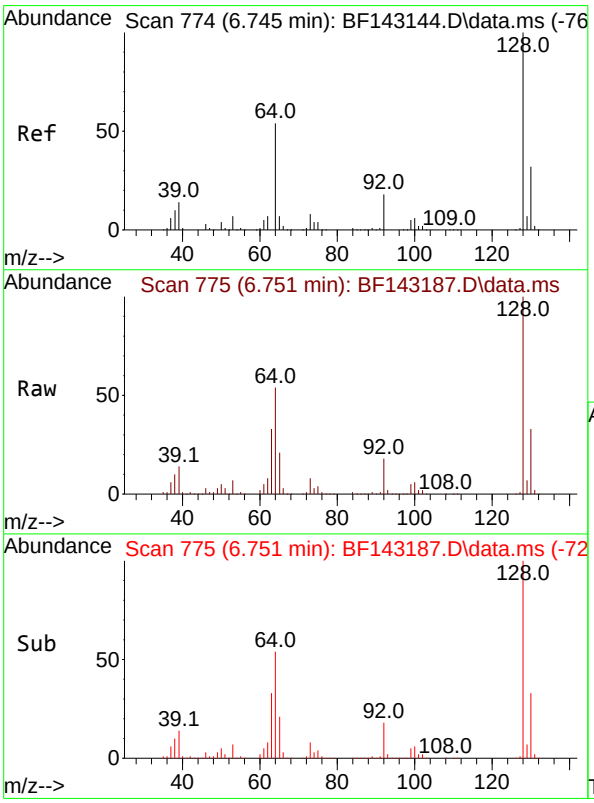
#7
Phenol-d6
Concen: 77.413 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 683542

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.0	25.6
71	34.3	27.7	41.5

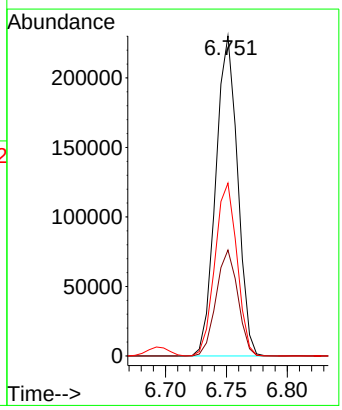


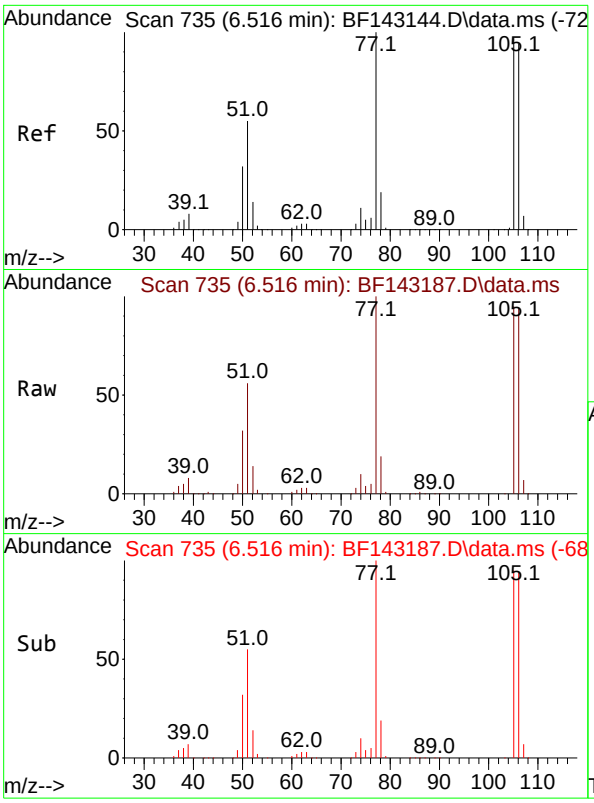


#8
2-Chlorophenol
Concen: 39.143 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:128 Resp: 287831

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	54.0	35.9	75.9



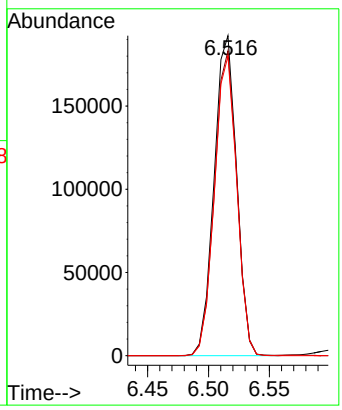


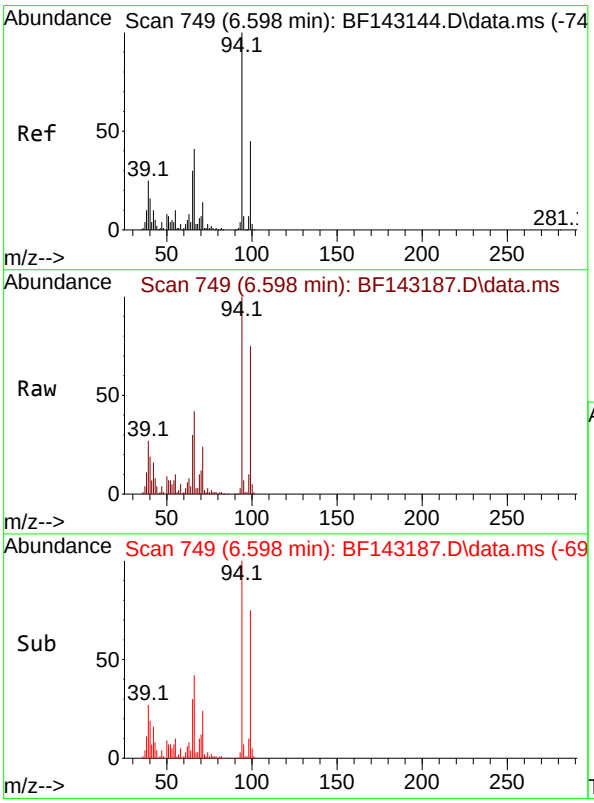
#9
Benzaldehyde
Concen: 37.310 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 247030

Ion	Ratio	Lower	Upper
77	100		
105	95.3	76.8	116.8
106	93.6	74.4	114.4

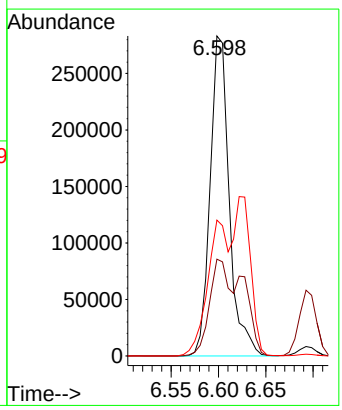


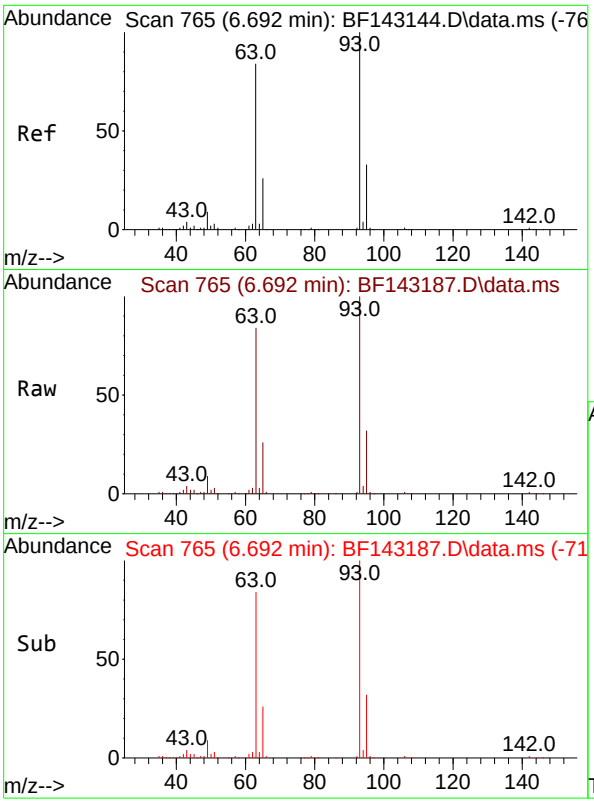


#10
Phenol
Concen: 41.254 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 94 Resp: 396833

Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.0	50.0
66	42.5	20.8	60.8



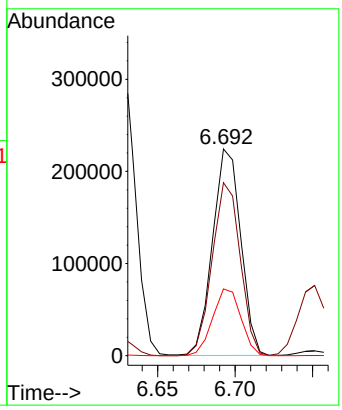


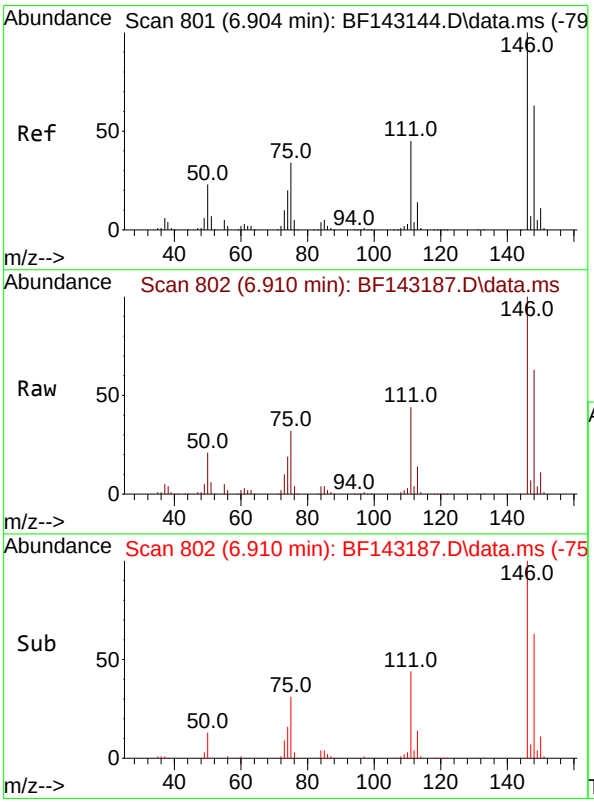
#11
bis(2-Chloroethyl)ether
Concen: 38.553 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 283947

Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.4	103.4
95	32.3	12.4	52.4

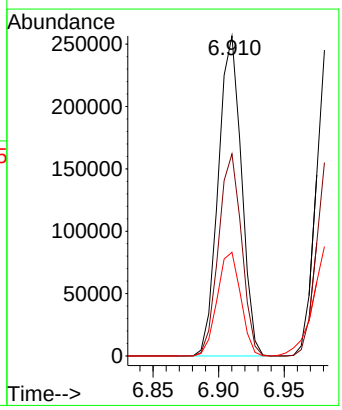


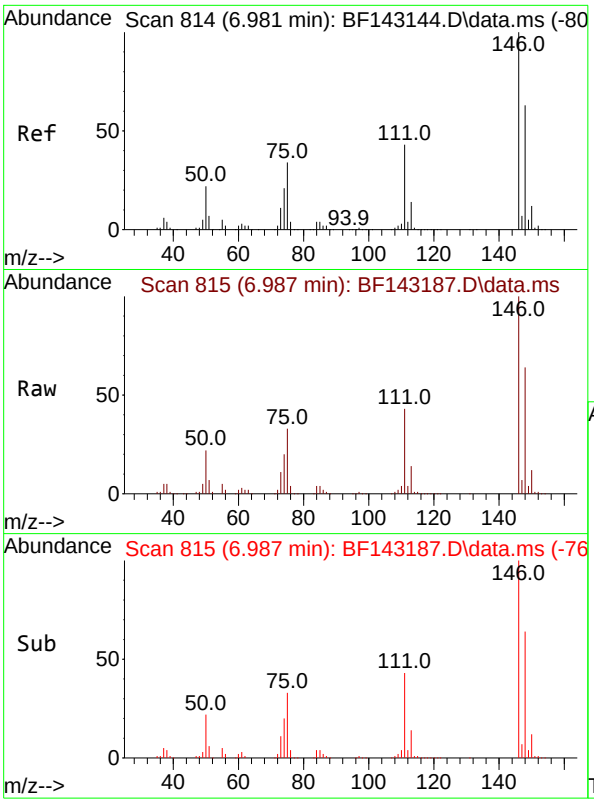


#12
1,3-Dichlorobenzene
Concen: 39.411 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:146 Resp: 314817

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	32.4	27.4	41.2



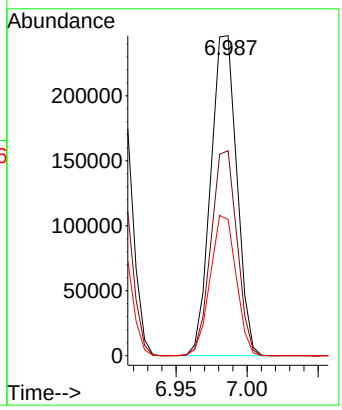


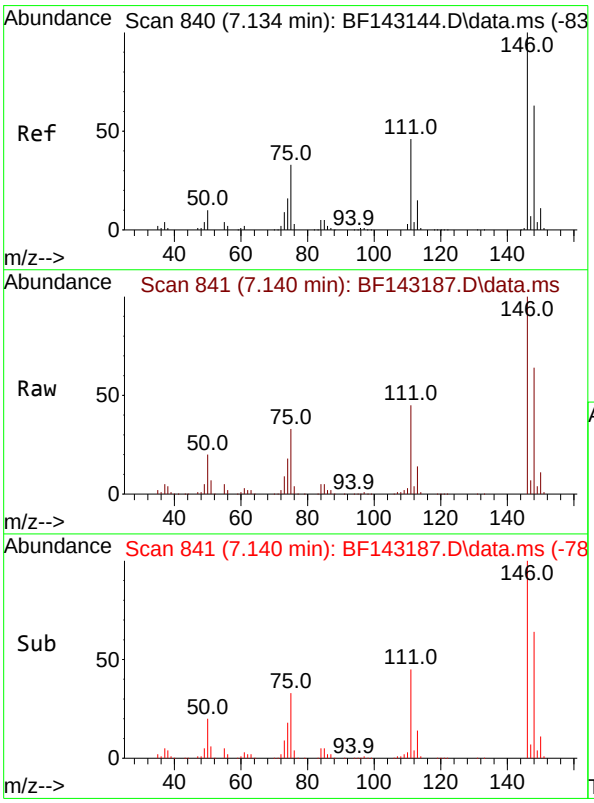
#13
1,4-Dichlorobenzene
Concen: 39.163 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 315046

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	42.6	34.4	51.6

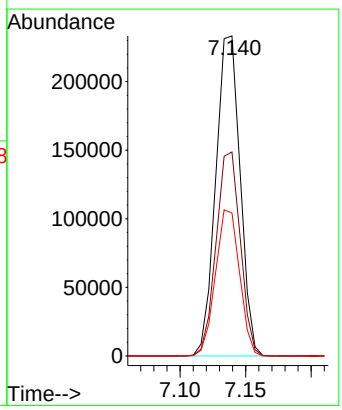


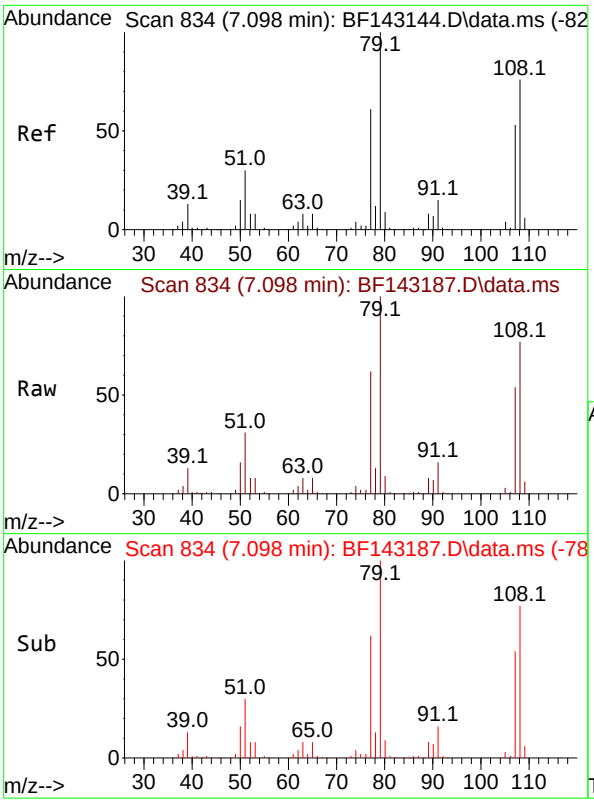


#14
1,2-Dichlorobenzene
Concen: 39.385 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:146 Resp: 301343

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
111	44.7	36.6	54.8



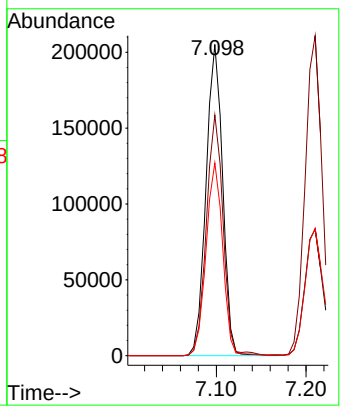


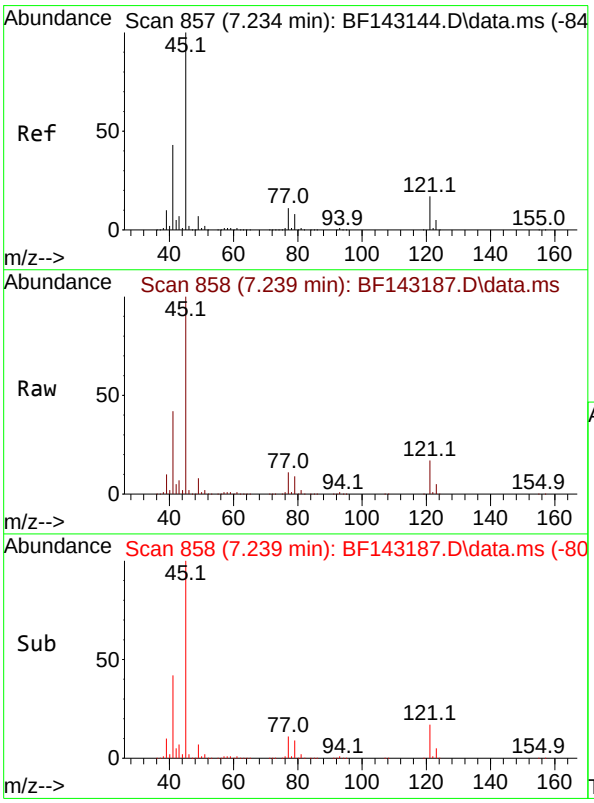
#15
Benzyl Alcohol
Concen: 39.223 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 264441

Ion	Ratio	Lower	Upper
79	100		
108	77.3	61.1	91.7
77	62.0	48.9	73.3

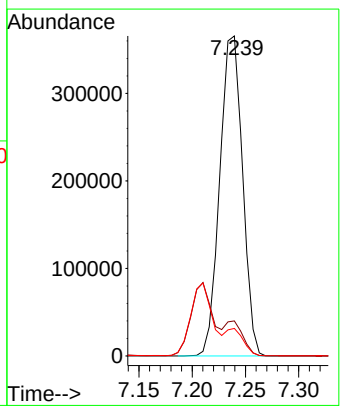


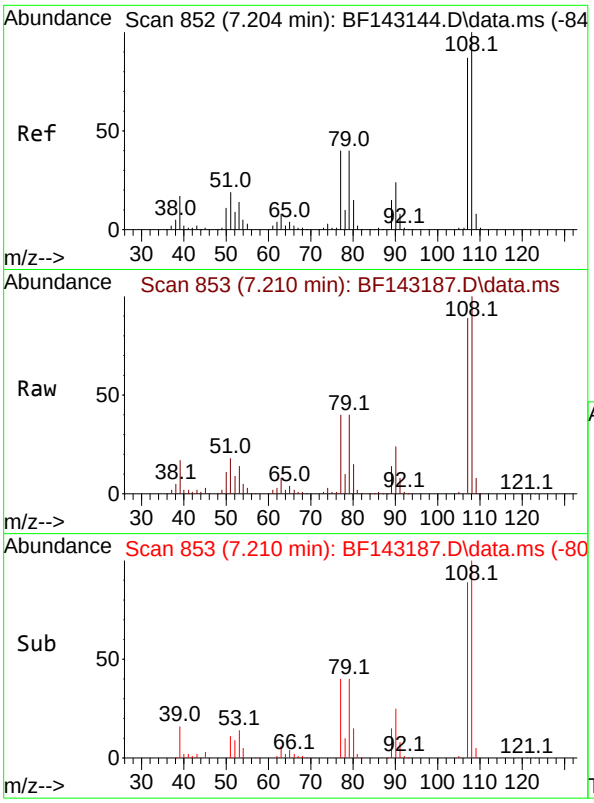


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.713 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 45 Resp: 542587

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	31.2
79	8.6	0.0	28.5



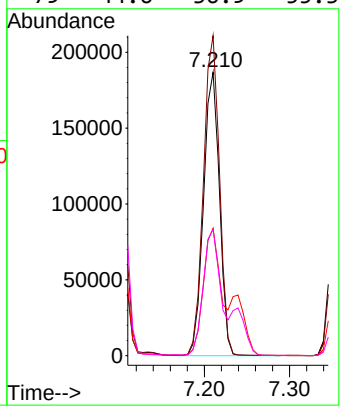


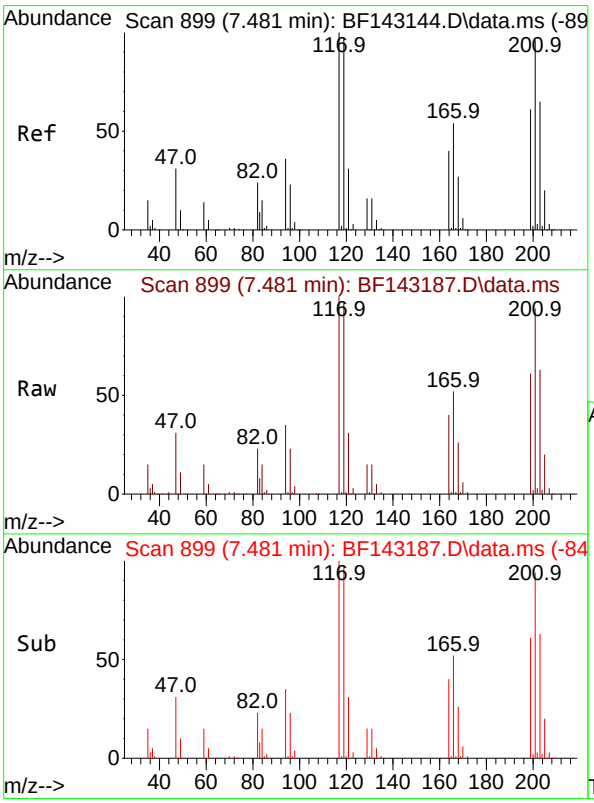
#17
2-Methylphenol
Concen: 39.321 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 243112

Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.8	137.6
77	45.0	37.0	55.6
79	44.6	36.9	55.3

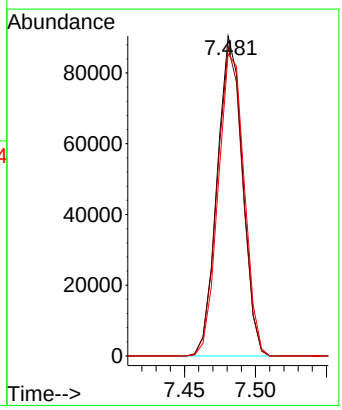


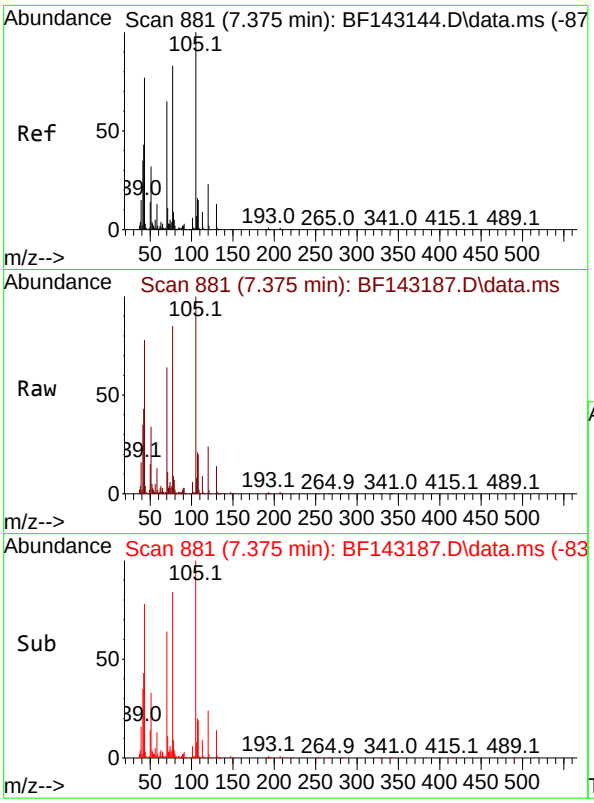


#18
Hexachloroethane
Concen: 40.297 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:117 Resp: 112222

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.8
201	94.4	77.0	115.4



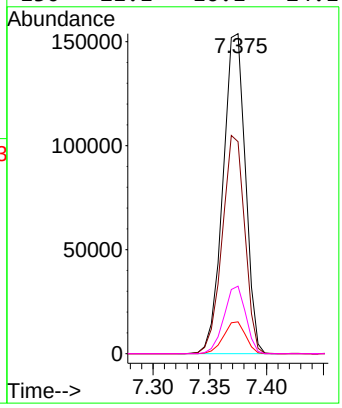


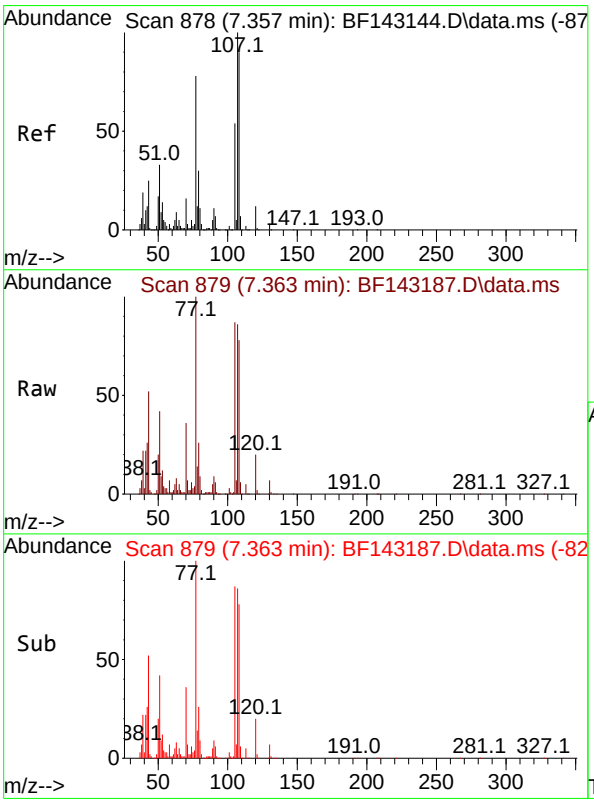
#19
n-Nitroso-di-n-propylamine
Concen: 37.224 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 210871

Ion	Ratio	Lower	Upper
70	100		
42	66.3	52.5	78.7
101	10.0	7.6	11.4
130	21.1	16.1	24.1

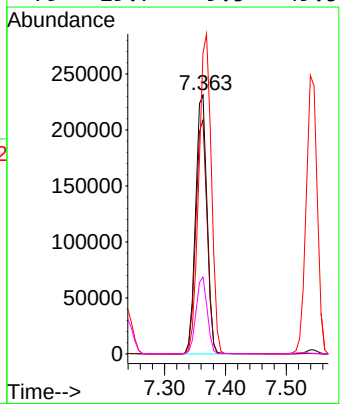


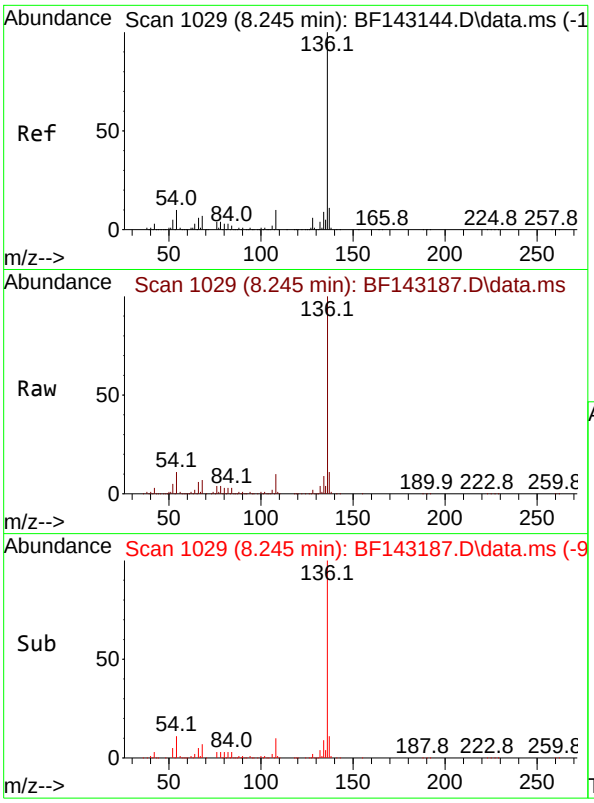


#20
3+4-Methylphenols
Concen: 40.254 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:107 Resp: 301964

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.0	110.0
77	116.2	57.8	97.8#
79	29.7	9.5	49.5



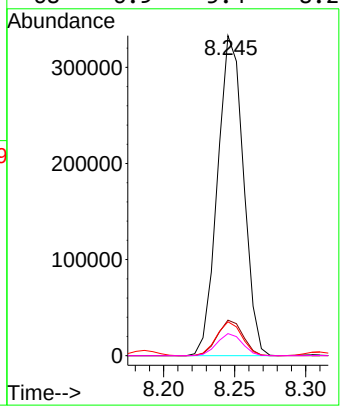


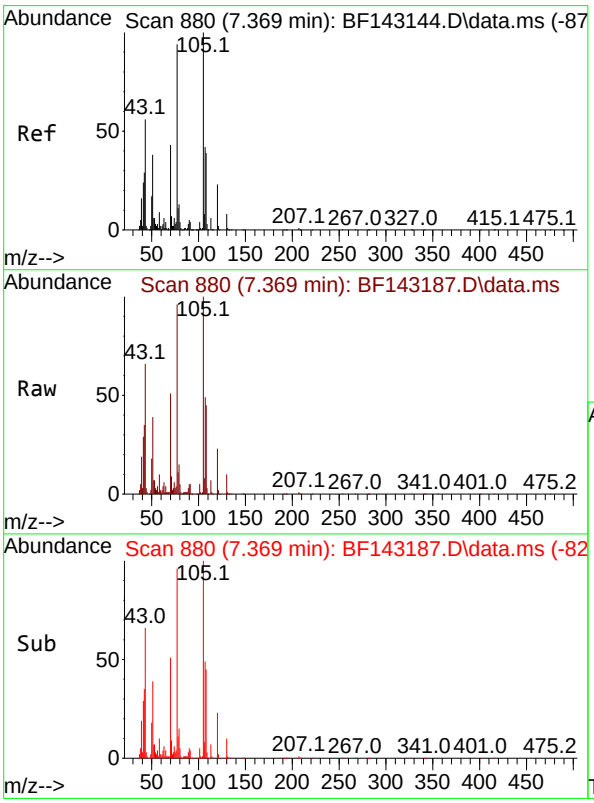
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 422094

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.9	5.4	8.2

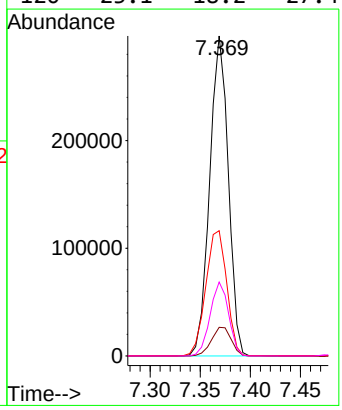


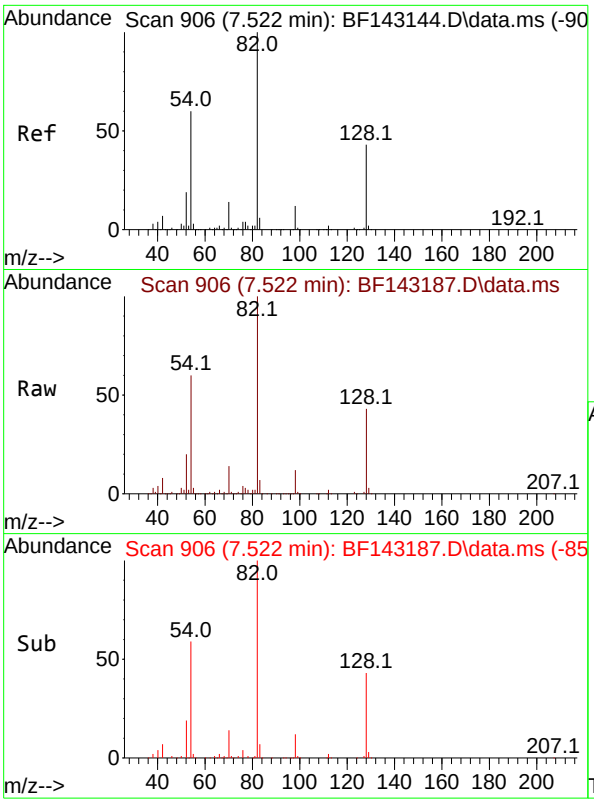


#22
Acetophenone
Concen: 38.442 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:105 Resp: 384155

Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.8	8.6#
51	39.2	30.2	45.2
120	23.1	18.2	27.4



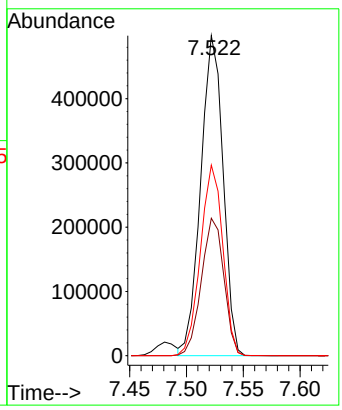


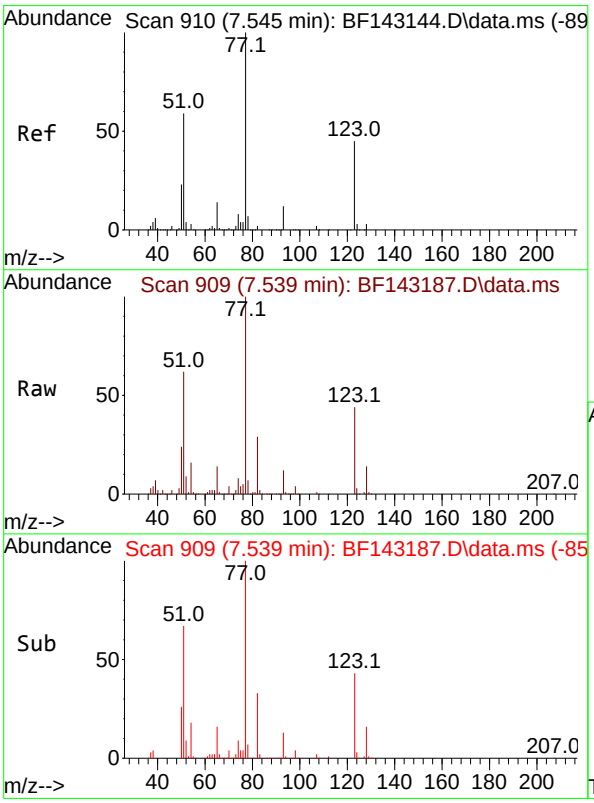
#23
Nitrobenzene-d5
Concen: 80.559 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 682159

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.6	50.4
54	59.6	47.1	70.7

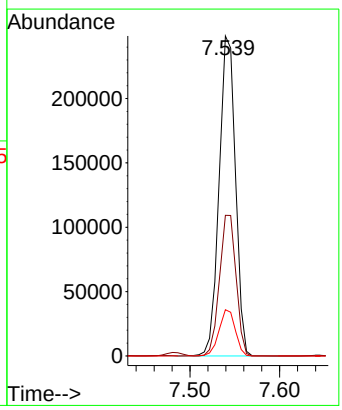


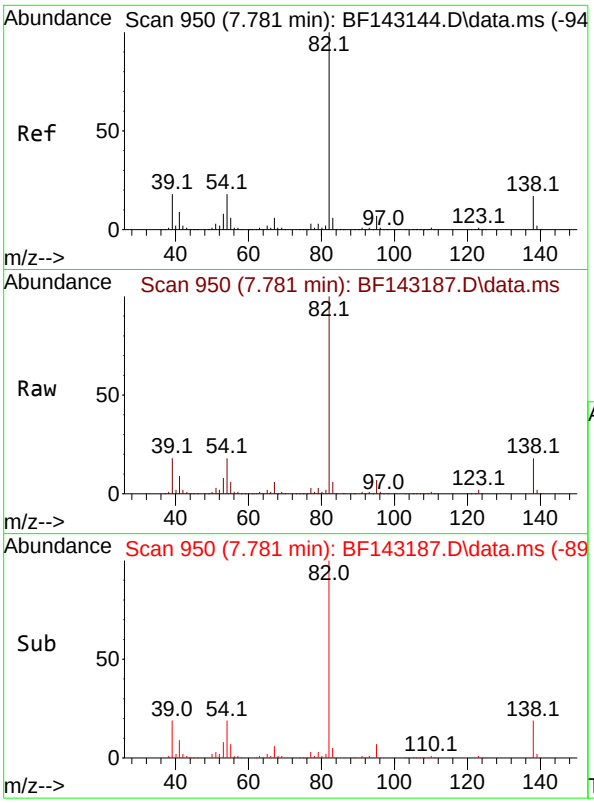


#24
Nitrobenzene
Concen: 39.866 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 77 Resp: 314726

Ion	Ratio	Lower	Upper
77	100		
123	44.0	36.1	54.1
65	14.4	11.4	17.2



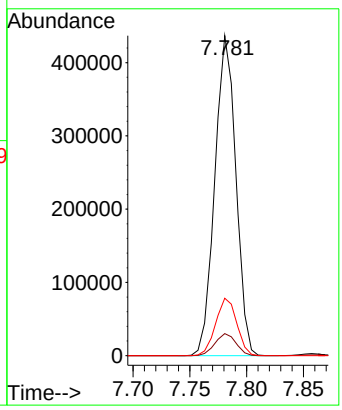


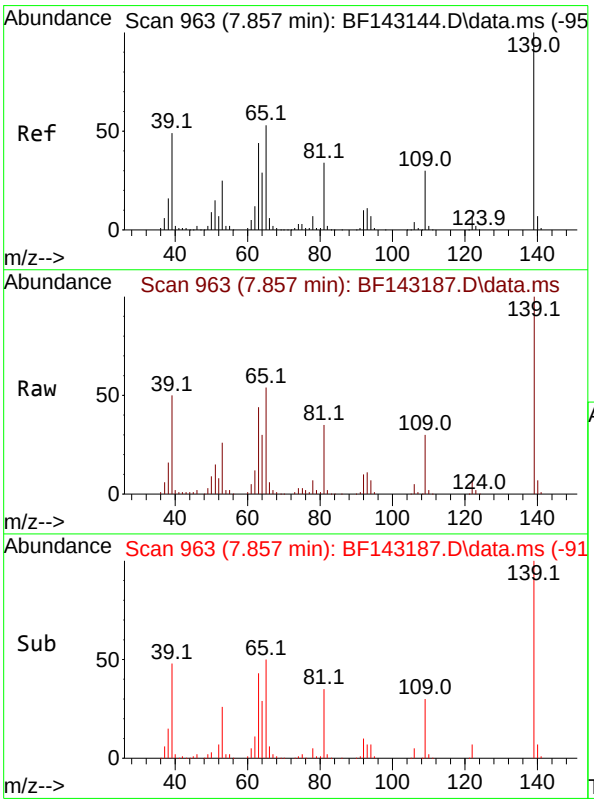
#25
Isophorone
Concen: 37.763 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 564494

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	18.0	13.8	20.8

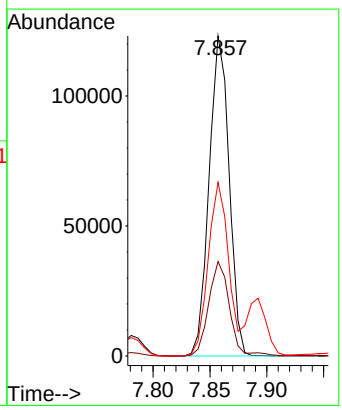


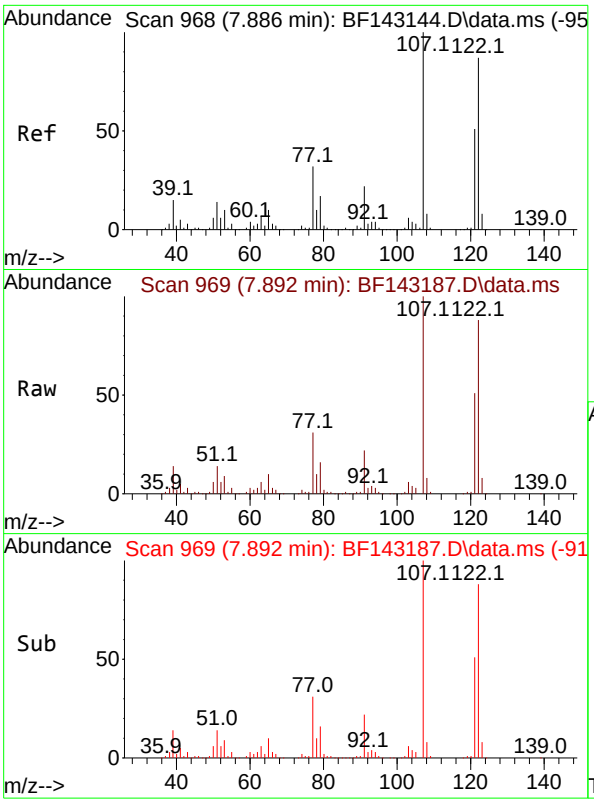


#26
2-Nitrophenol
Concen: 44.078 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:139 Resp: 151024

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	54.3	42.6	64.0



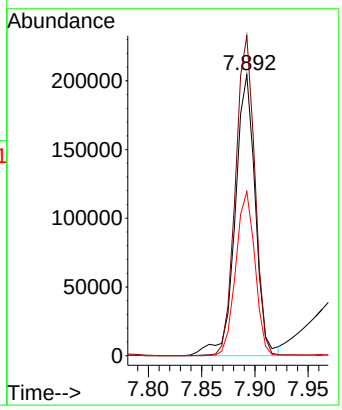


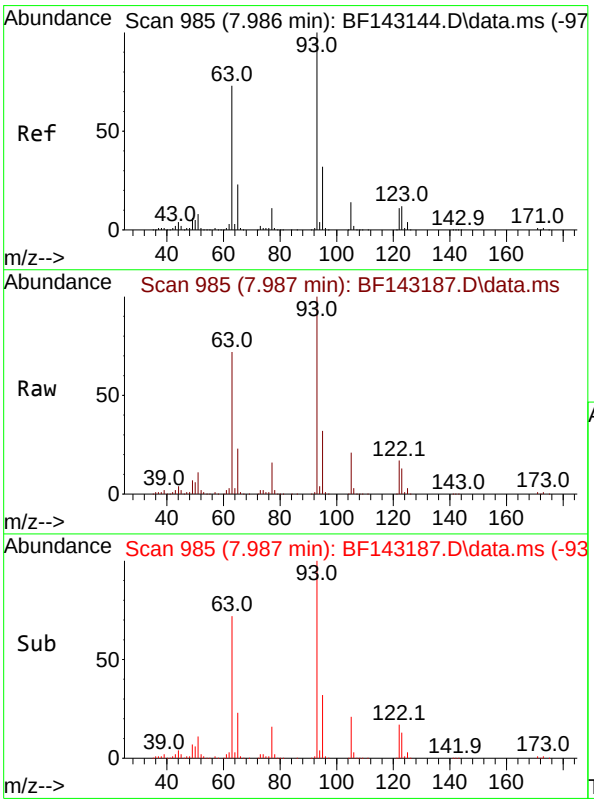
#27
2,4-Dimethylphenol
Concen: 38.679 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 270134

Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.8	137.6
121	58.4	46.3	69.5

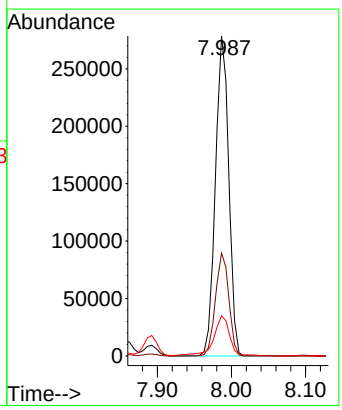


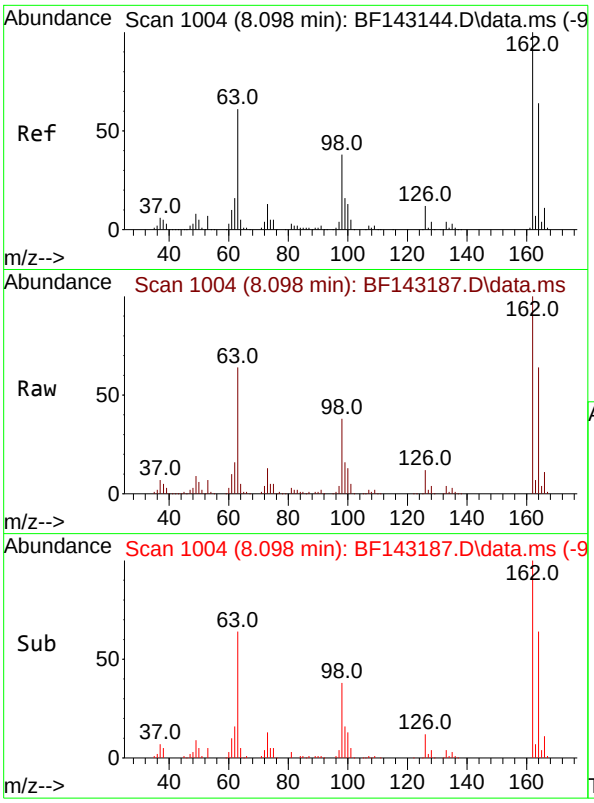


#28
bis(2-Chloroethoxy)methane
Concen: 38.868 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 93 Resp: 348359

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.6
123	12.5	9.7	14.5



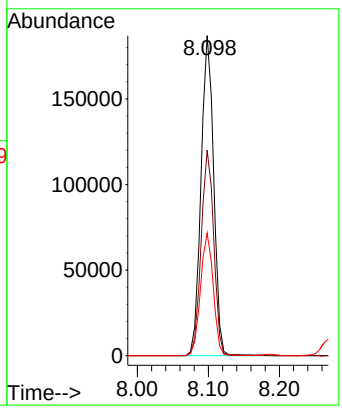


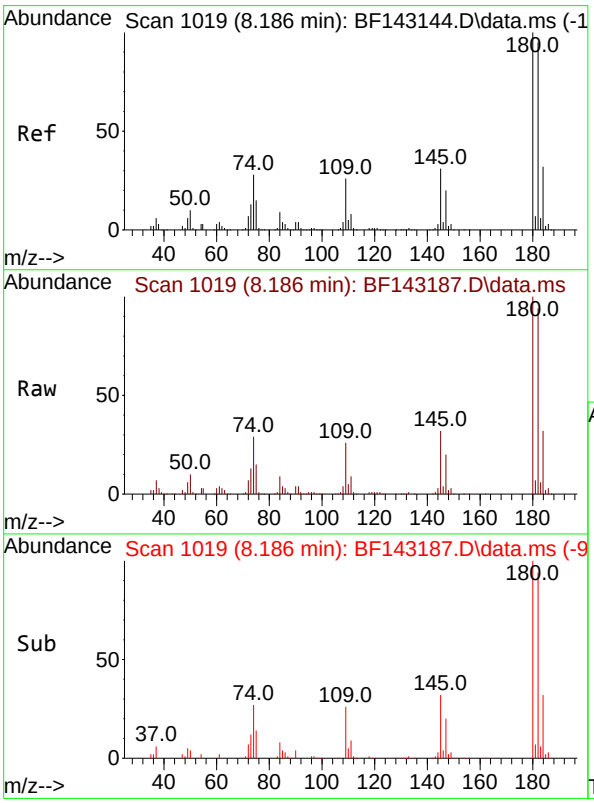
#29
2,4-Dichlorophenol
Concen: 39.425 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 232204

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.4	17.9	57.9

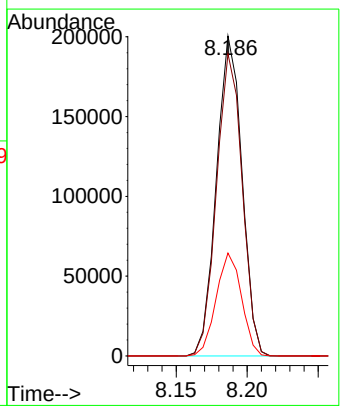


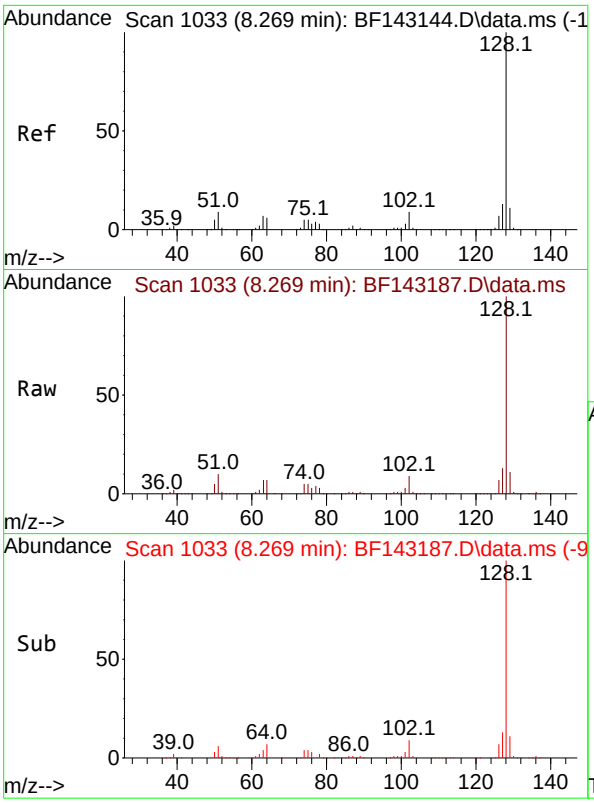


#30
1,2,4-Trichlorobenzene
Concen: 39.329 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:180 Resp: 250252

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.2	114.2
145	32.2	25.0	37.6



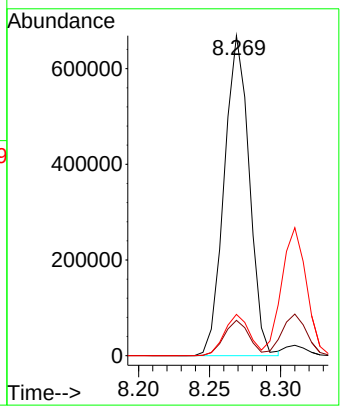


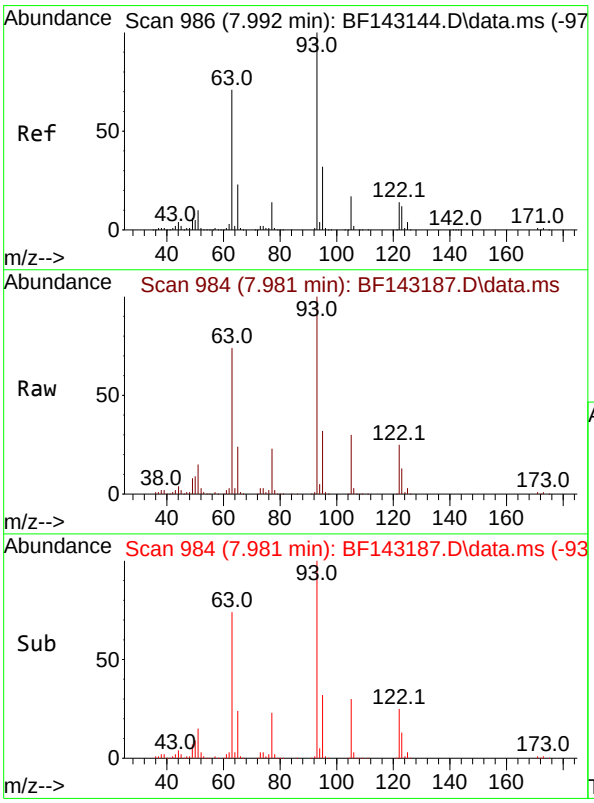
#31
Naphthalene
Concen: 39.398 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 818994

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.6	16.0

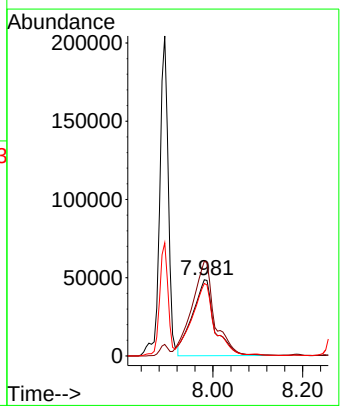


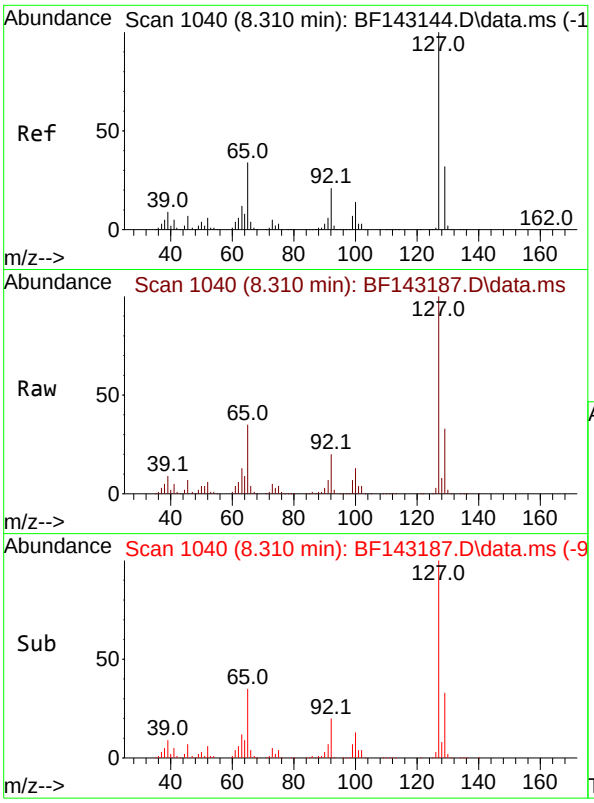


#32
Benzoic acid
Concen: 43.041 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.011 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:122 Resp: 166968

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.8	144.8
77	95.1	77.6	117.6



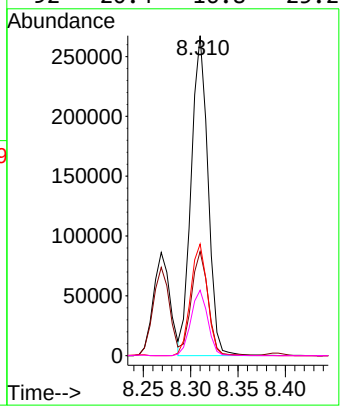


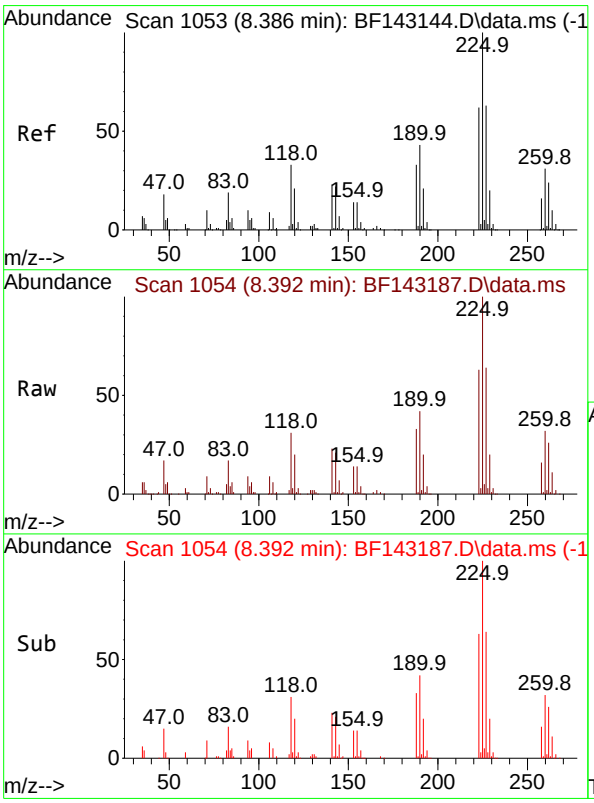
#33
4-Chloroaniline
Concen: 38.830 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 329590

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	34.9	27.4	41.2
92	20.4	16.8	25.2

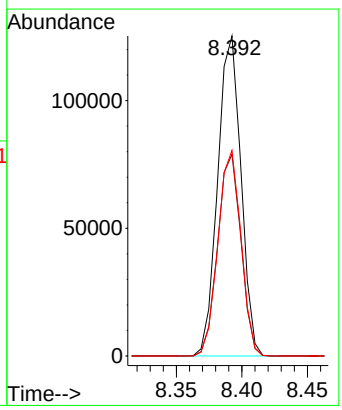


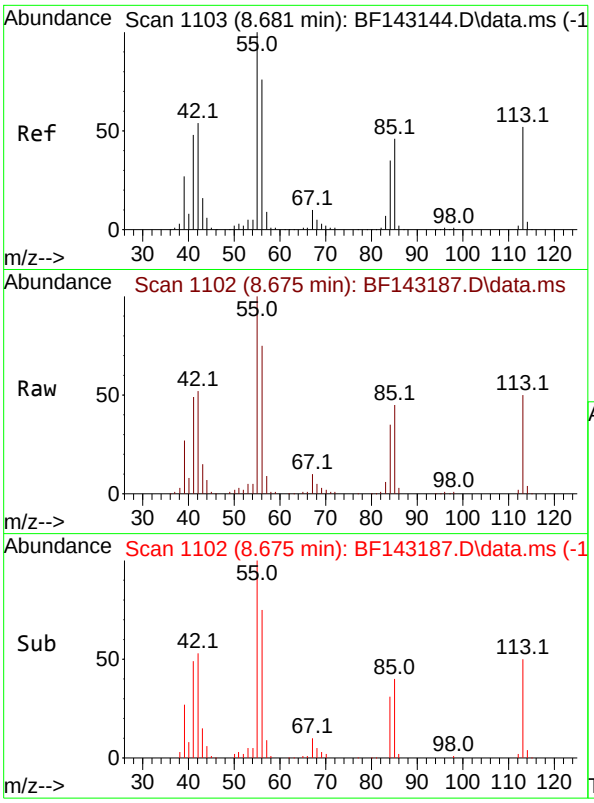


#34
Hexachlorobutadiene
Concen: 39.691 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:225 Resp: 154282

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	64.2	50.2	75.4



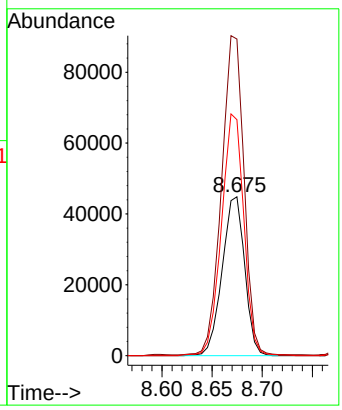


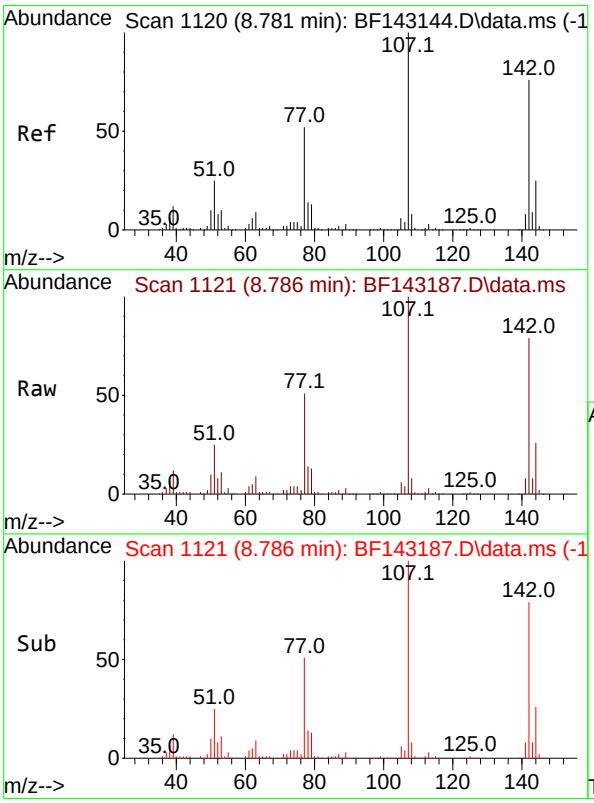
#35
Caprolactam
Concen: 39.340 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 70018

Ion	Ratio	Lower	Upper
113	100		
55	199.4	174.0	214.0
56	148.6	126.6	166.6

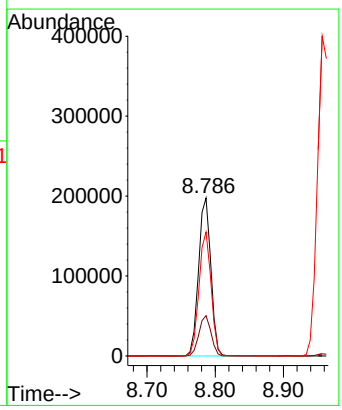


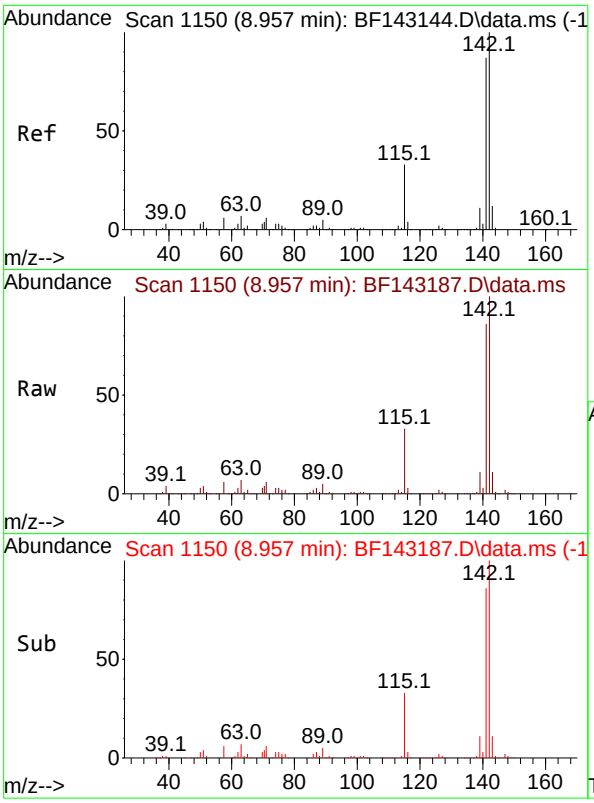


#36
4-Chloro-3-methylphenol
Concen: 38.680 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:107 Resp: 247616

Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.6
142	78.5	60.6	90.8



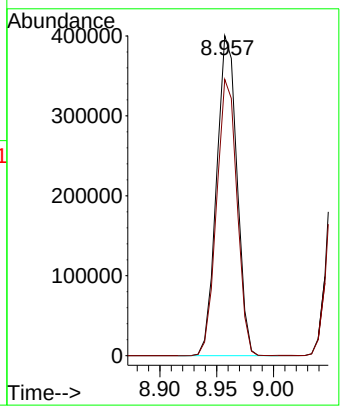


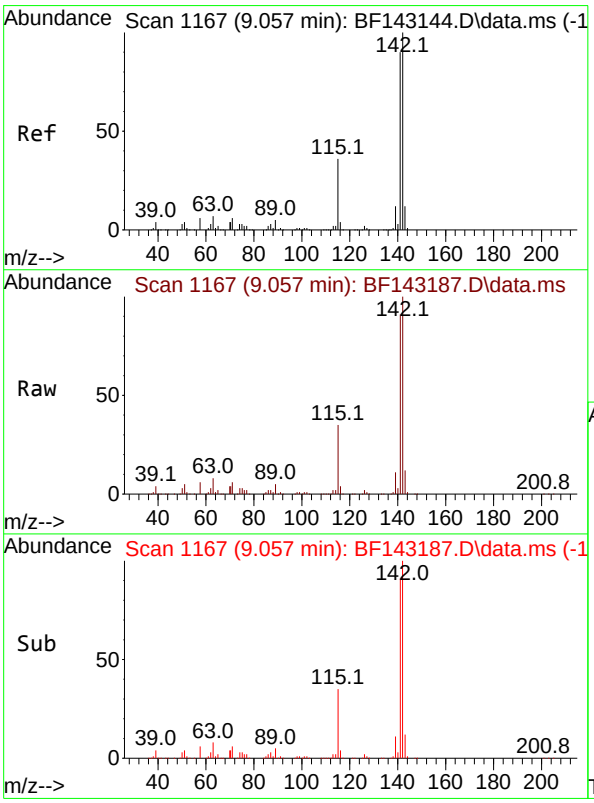
#37
2-Methylnaphthalene
Concen: 39.453 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 499061

Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.9	104.9

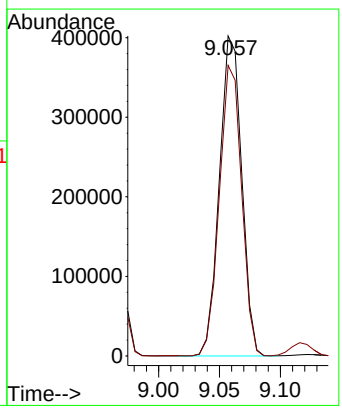


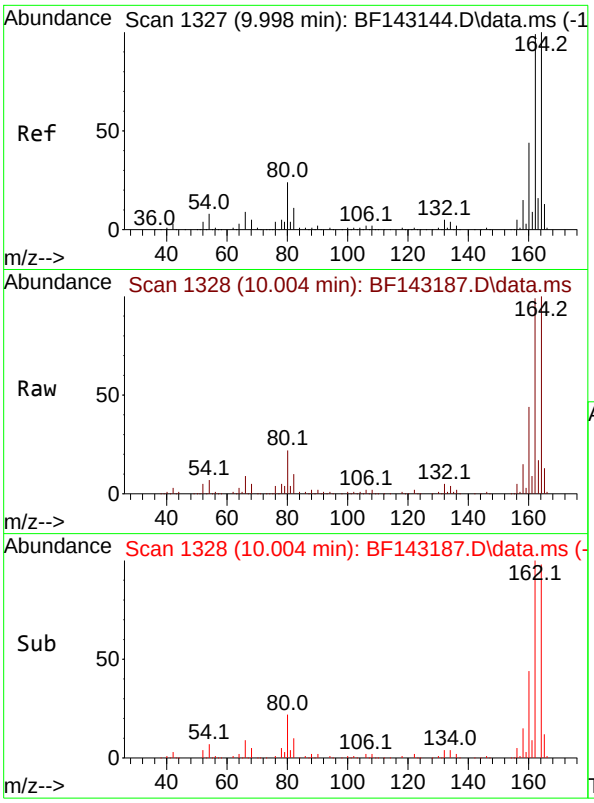


#38
1-Methylnaphthalene
Concen: 39.373 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:142 Resp: 512869

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5



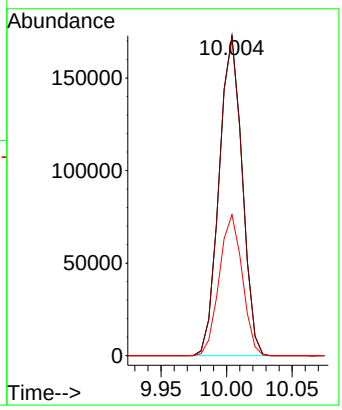


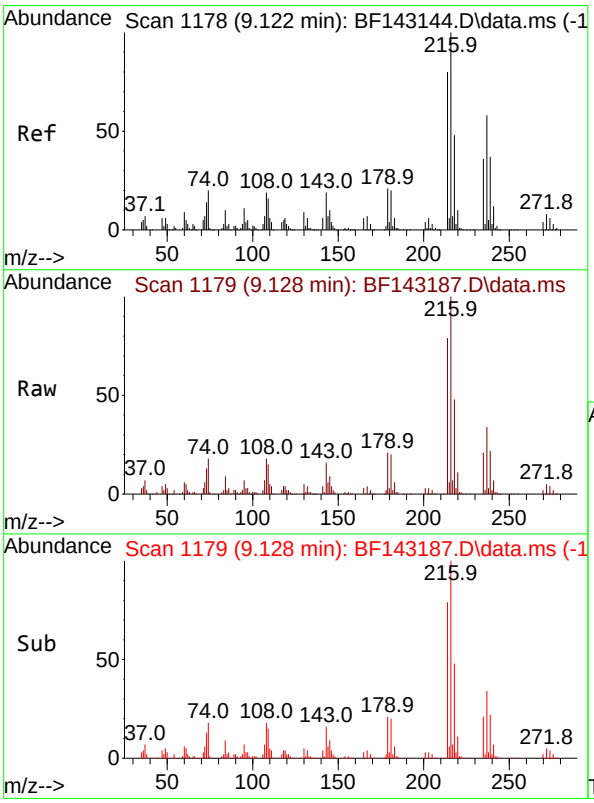
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 210926

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.0	118.6
160	44.0	35.1	52.7

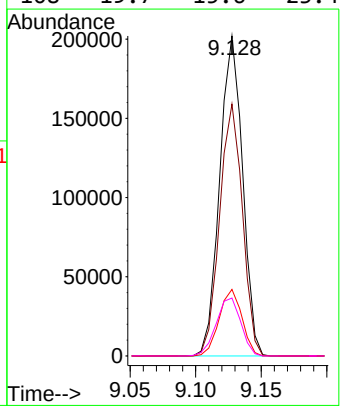


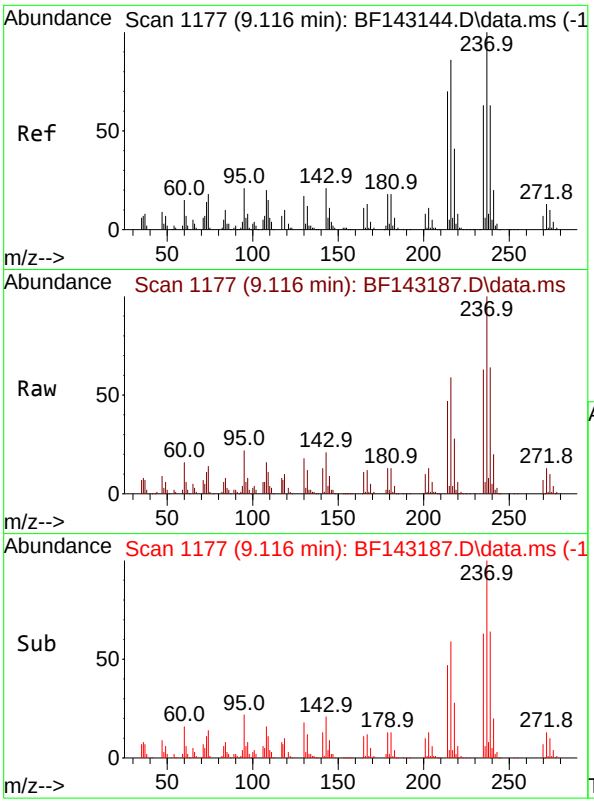


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.183 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:216 Resp: 244698

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.8
179	20.8	16.4	24.6
108	19.7	15.6	23.4



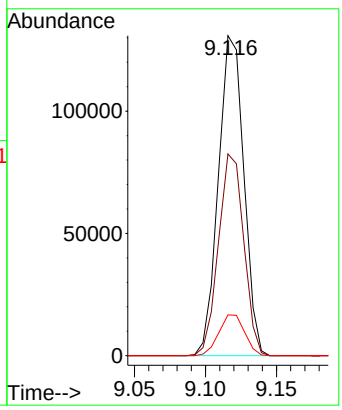


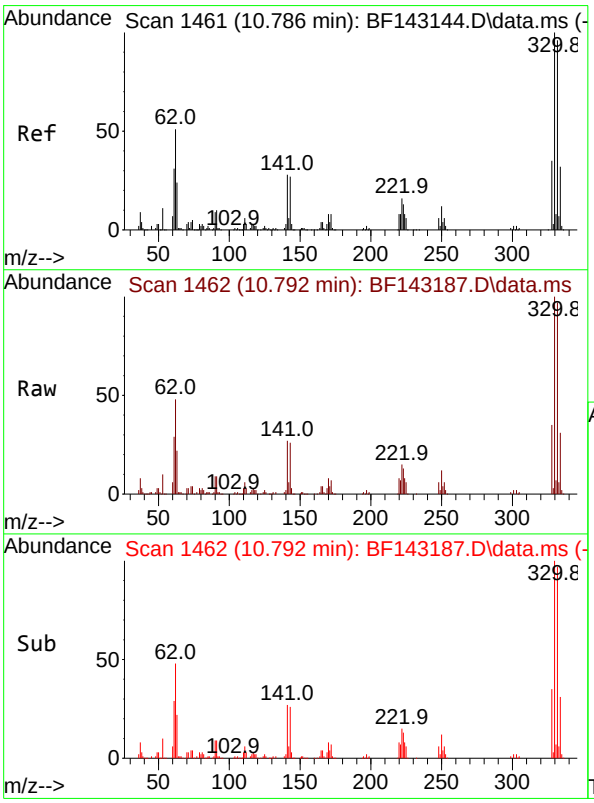
#41
Hexachlorocyclopentadiene
Concen: 41.178 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 163162

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.0	83.0
272	12.8	0.0	33.3

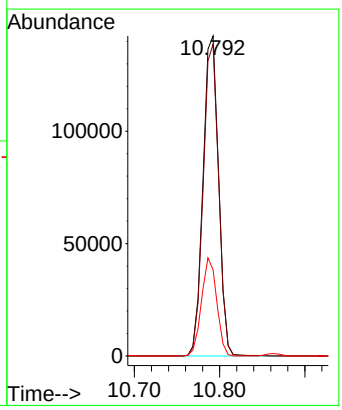


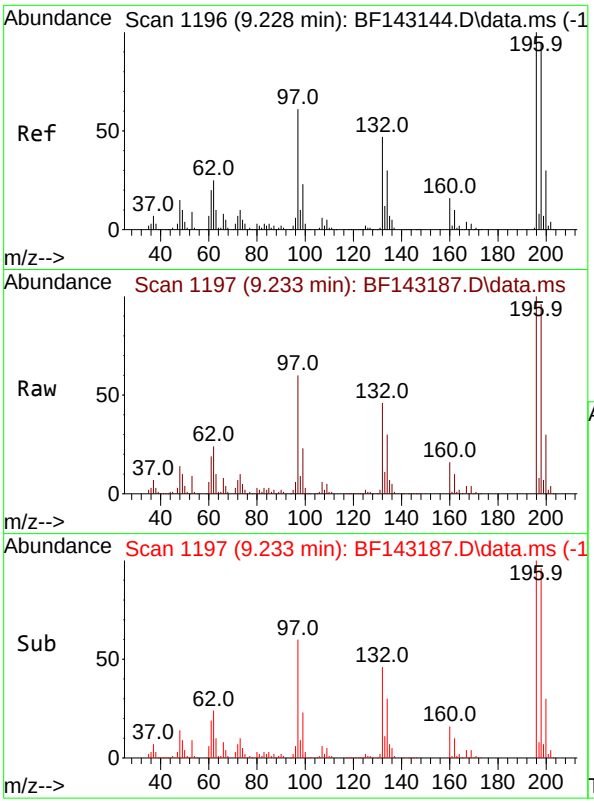


#42
2,4,6-Tribromophenol
Concen: 82.786 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:330 Resp: 180390

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	29.9	23.3	34.9



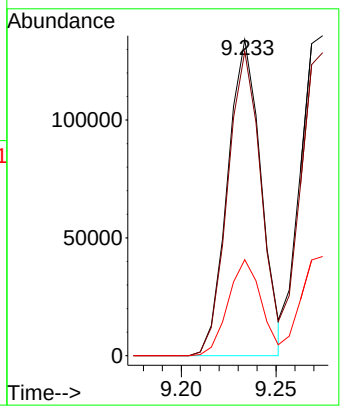


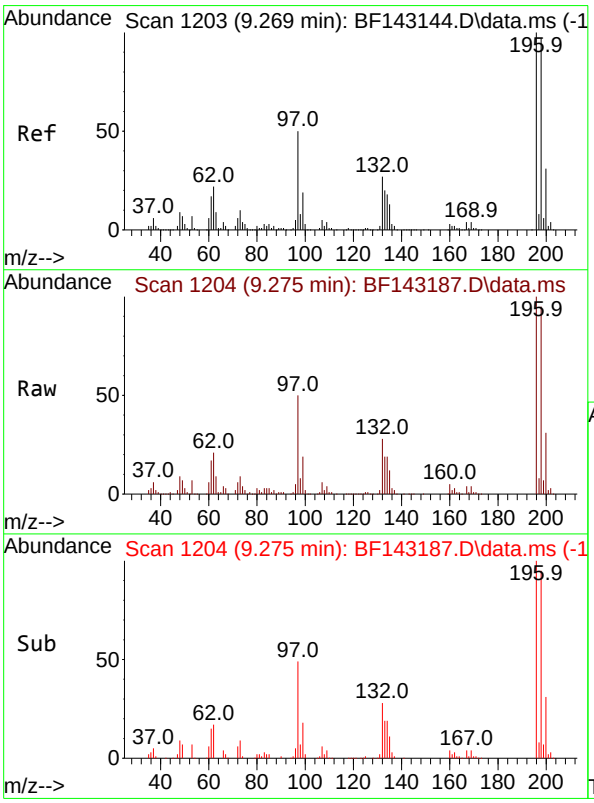
#43
2,4,6-Trichlorophenol
Concen: 39.058 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 164611

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.2
200	30.4	23.9	35.9

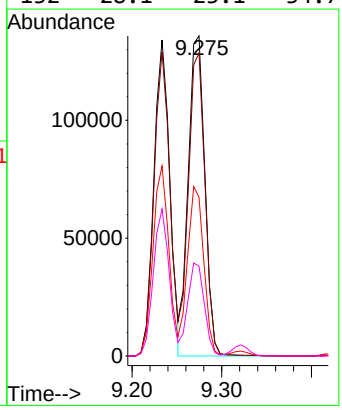


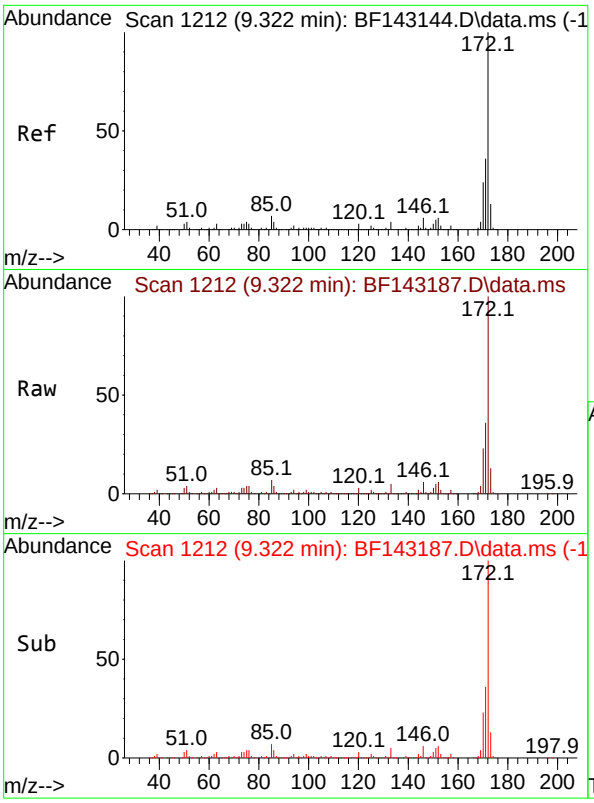


#44
2,4,5-Trichlorophenol
Concen: 41.595 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:196 Resp: 175359

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.3	115.9
97	49.6	40.3	60.5
132	28.1	23.1	34.7



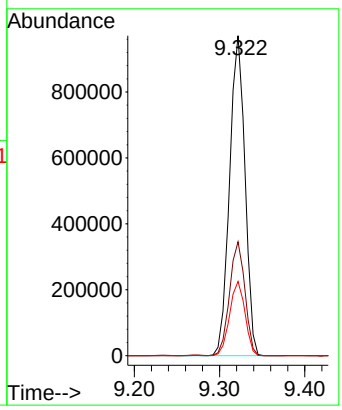


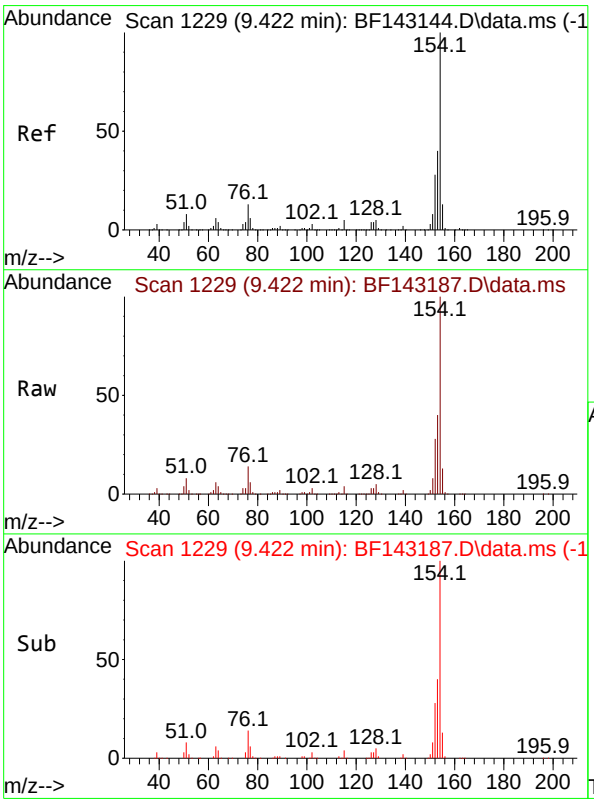
#45
2-Fluorobiphenyl
Concen: 79.290 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1222876

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.2	18.8	28.2

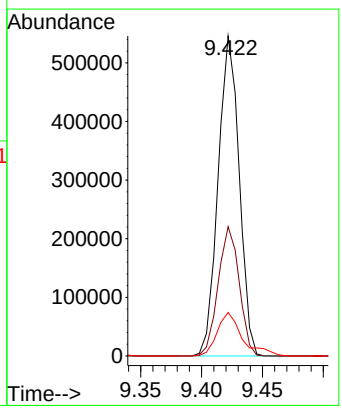


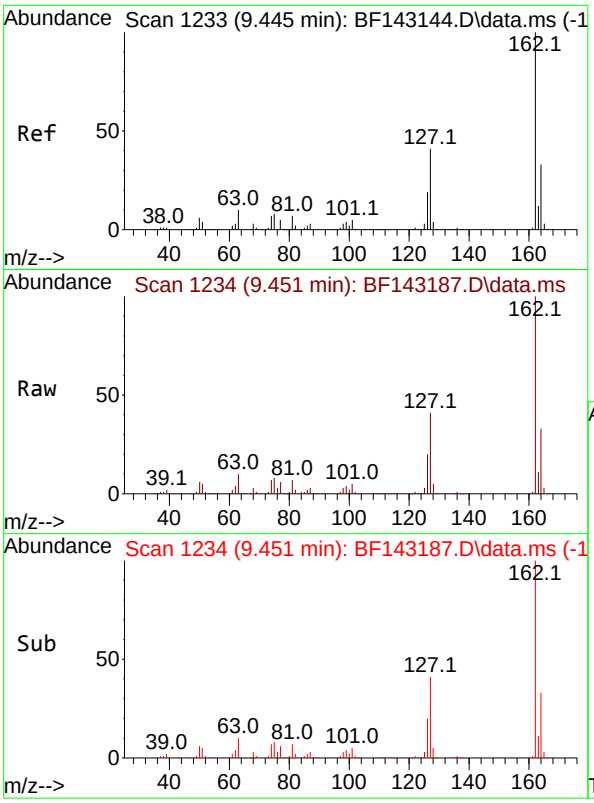


#46
1,1'-Biphenyl
Concen: 39.935 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:154 Resp: 657180

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	13.6	0.0	33.3



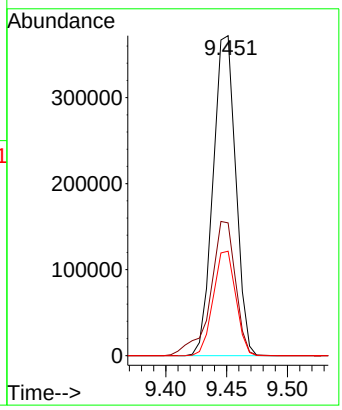


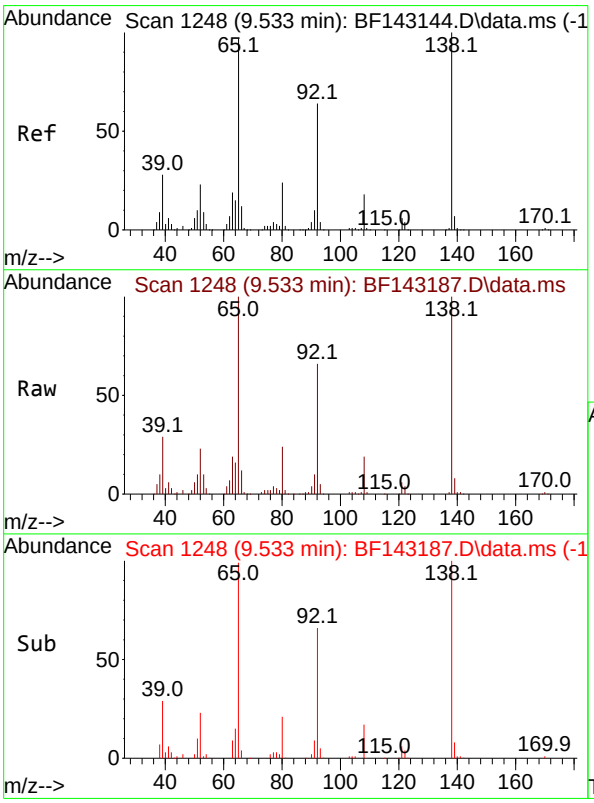
#47
2-Chloronaphthalene
Concen: 39.583 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 481986

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.7	26.2	39.2

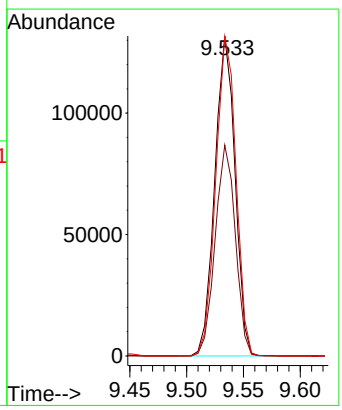


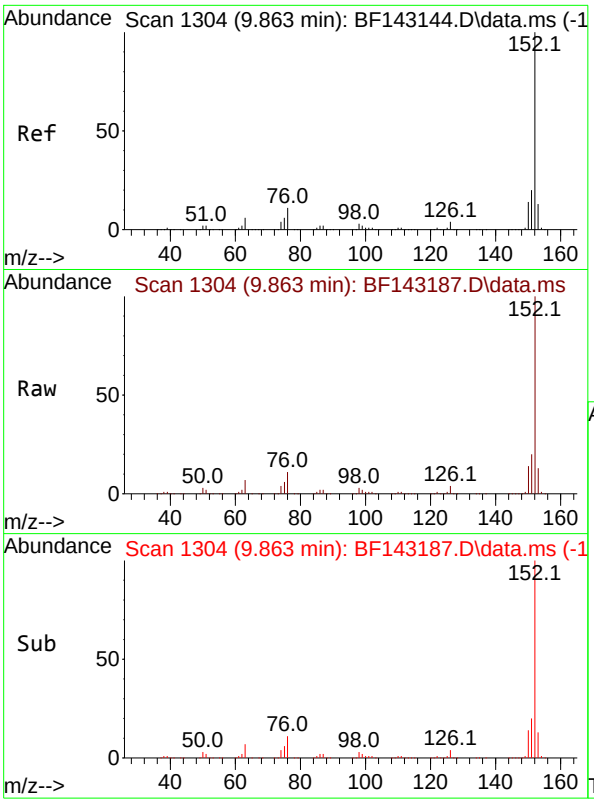


#48
2-Nitroaniline
Concen: 42.683 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 65 Resp: 162985

Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.4	78.6
138	99.9	82.3	123.5



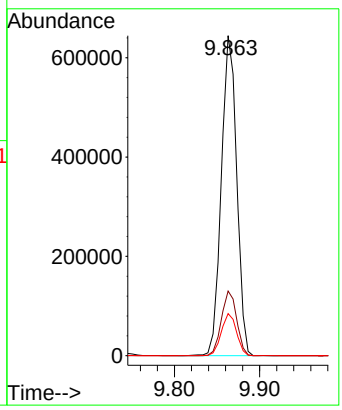


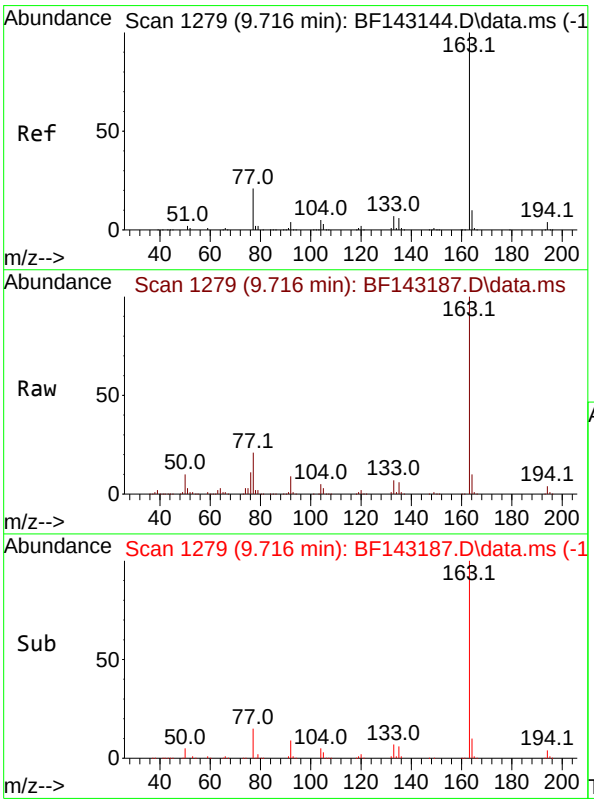
#49
Acenaphthylene
Concen: 39.572 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 807496

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.1	10.6	16.0

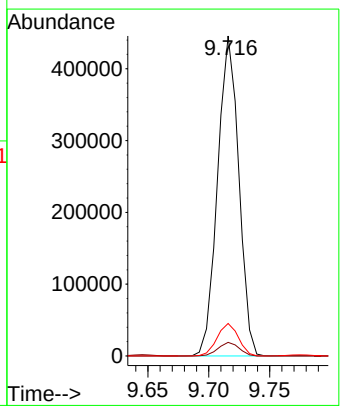


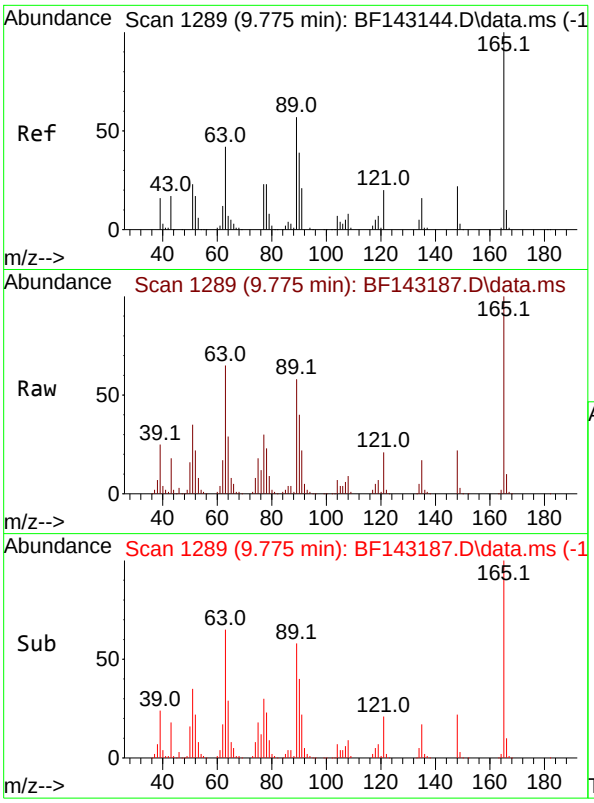


#50
Dimethylphthalate
Concen: 39.316 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:163 Resp: 540541

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.3	12.5



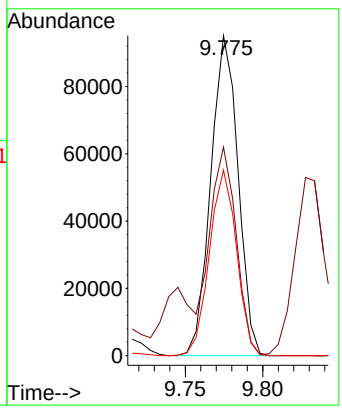


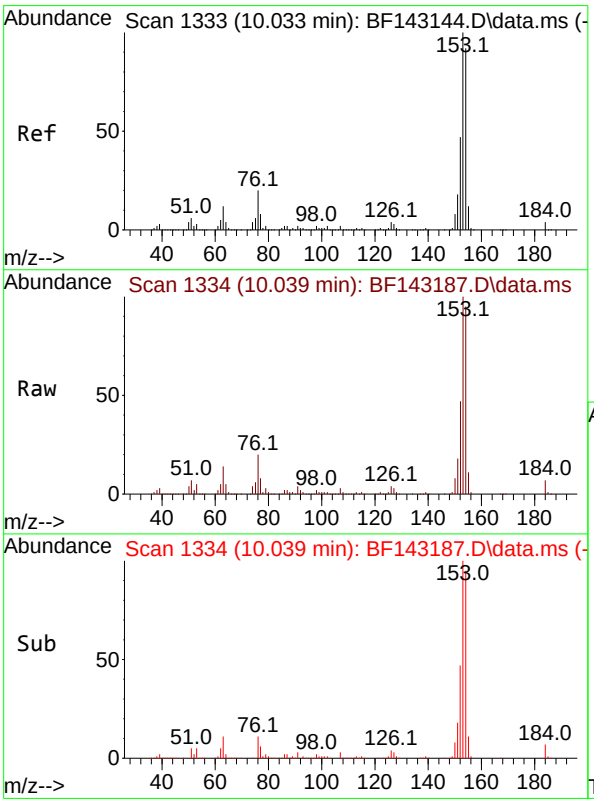
#51
2,6-Dinitrotoluene
Concen: 41.575 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 116280

Ion	Ratio	Lower	Upper
165	100		
63	65.2	49.4	74.2
89	58.0	46.2	69.2

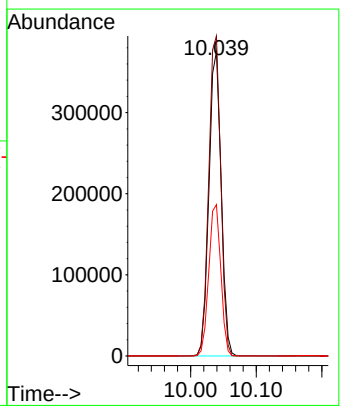


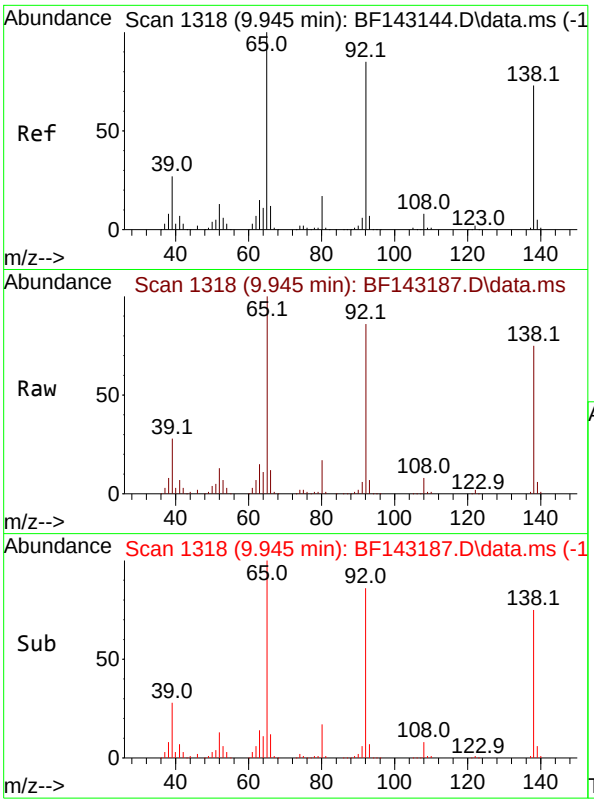


#52
Acenaphthene
Concen: 40.485 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:154 Resp: 488285

Ion	Ratio	Lower	Upper
154	100		
153	105.1	86.6	129.8
152	49.8	40.4	60.6



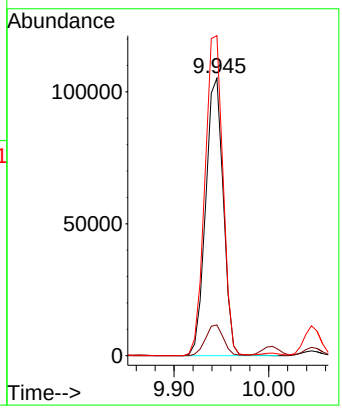


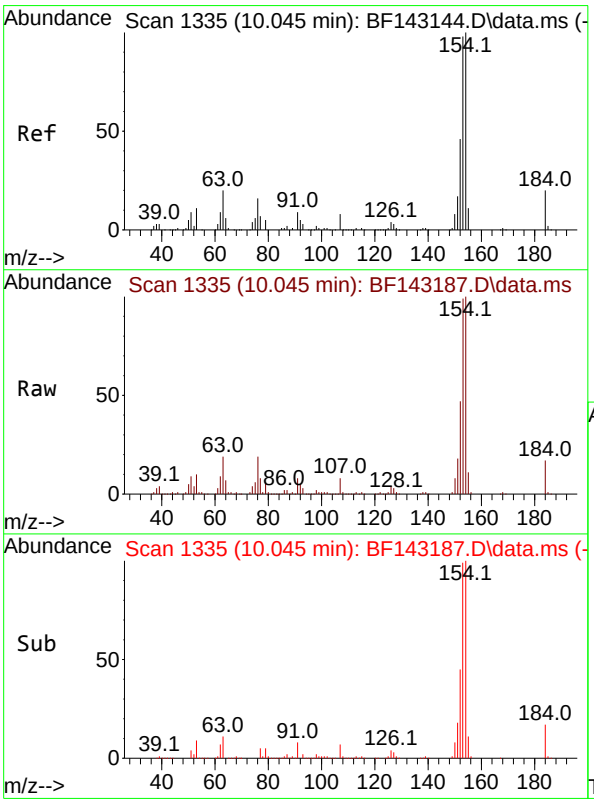
#53
3-Nitroaniline
Concen: 41.415 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 135487

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	115.4	93.0	139.4

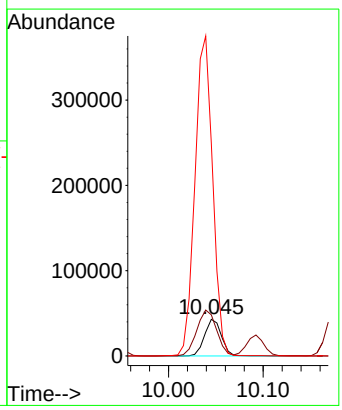


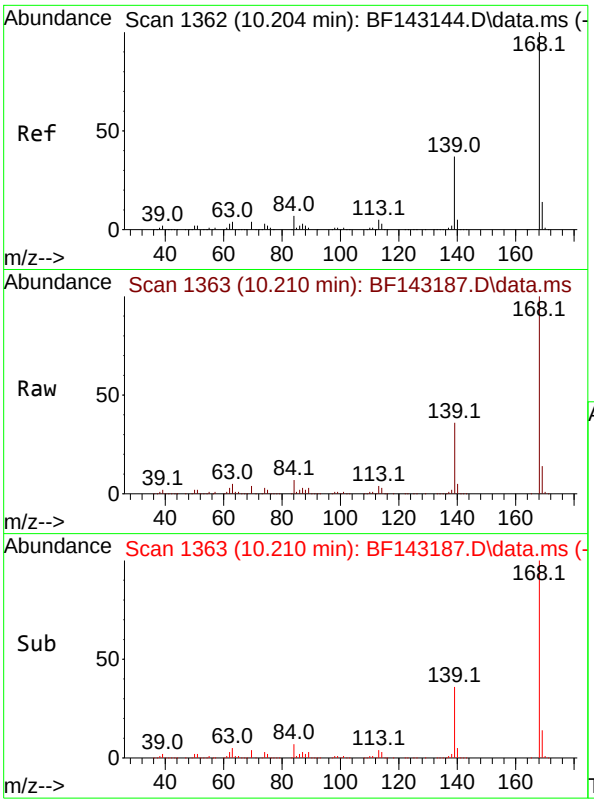


#54
2,4-Dinitrophenol
Concen: 45.117 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:184 Resp: 53173

Ion	Ratio	Lower	Upper
184	100		
63	112.3	81.8	122.6
154	579.7	412.2	618.4



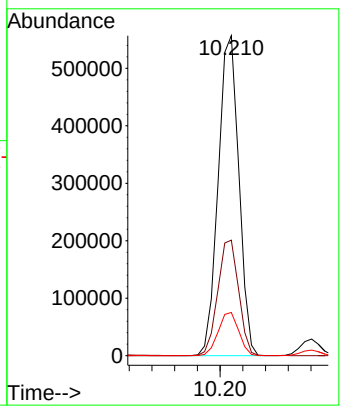


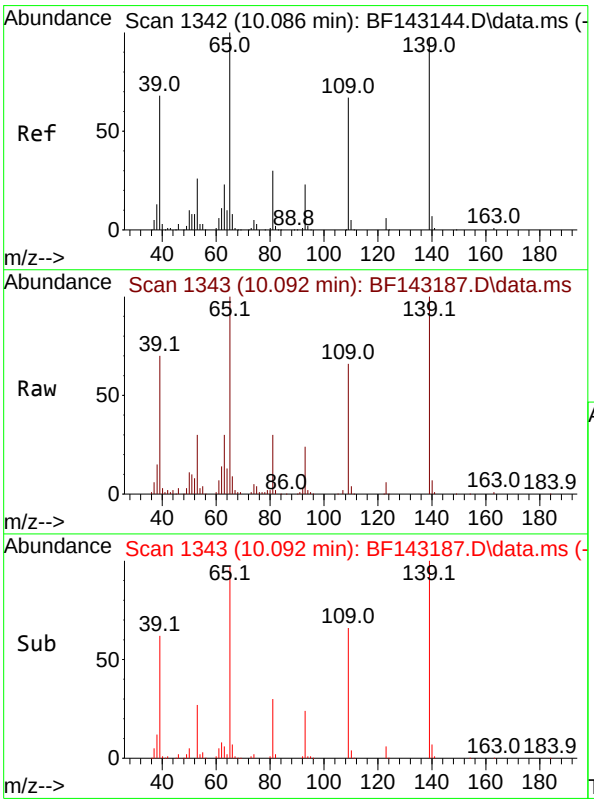
#55
Dibenzofuran
Concen: 39.249 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 702819

Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.5	44.3
169	13.5	10.9	16.3

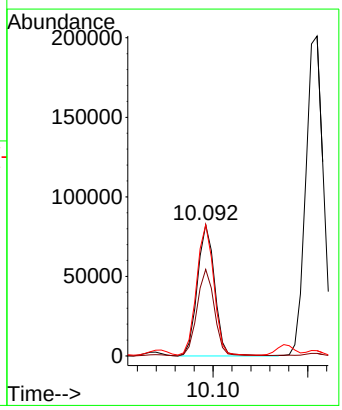


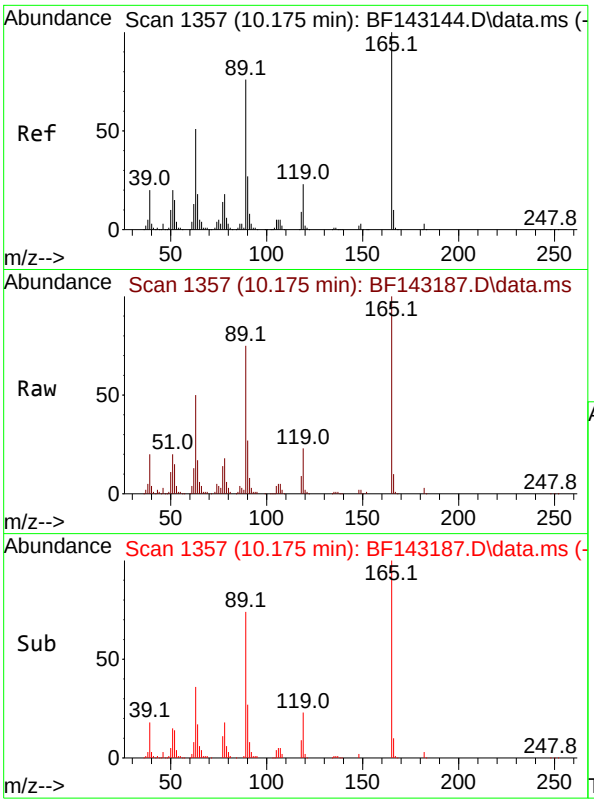


#56
4-Nitrophenol
Concen: 42.968 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:139 Resp: 104968

Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.5	88.5
65	100.1	83.4	123.4



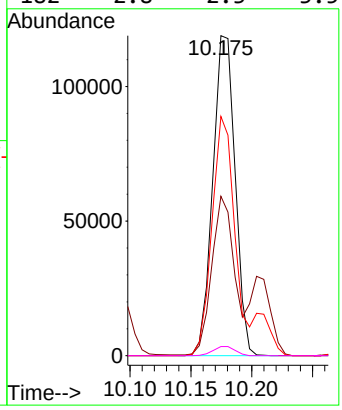


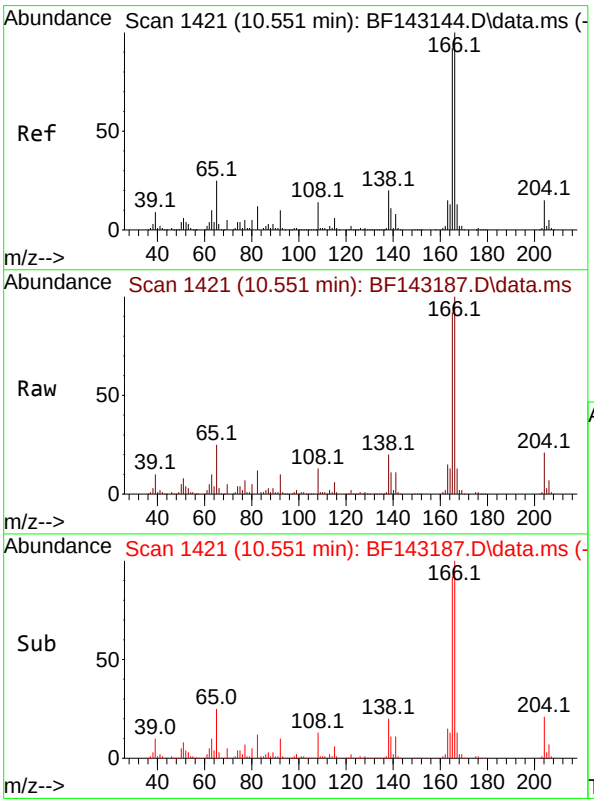
#57
2,4-Dinitrotoluene
Concen: 43.407 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 152315

Ion	Ratio	Lower	Upper
165	100		
63	49.8	41.0	61.4
89	74.7	61.1	91.7
182	2.8	2.3	3.5

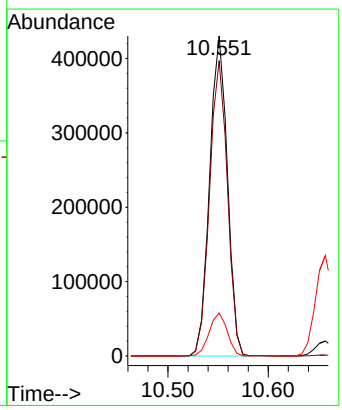


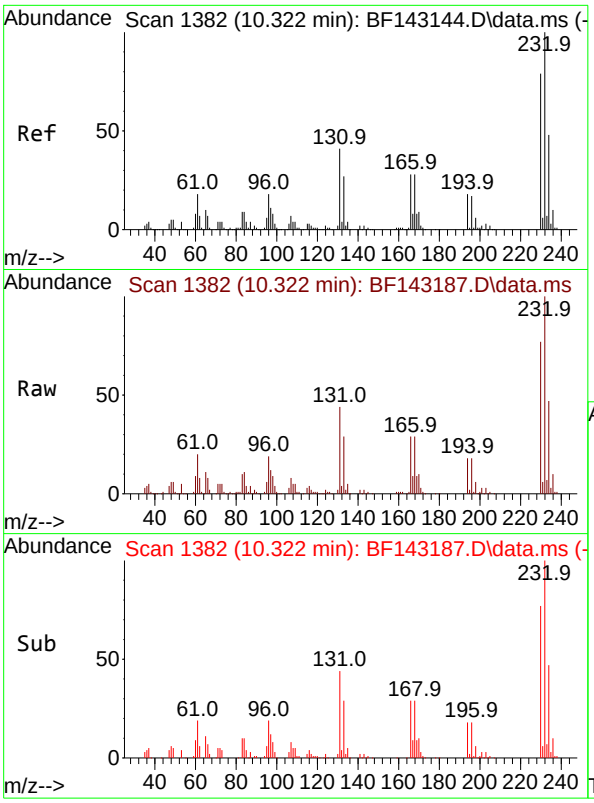


#58
Fluorene
Concen: 39.388 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:166 Resp: 529342

Ion	Ratio	Lower	Upper
166	100		
165	92.3	73.7	110.5
167	13.4	10.6	16.0



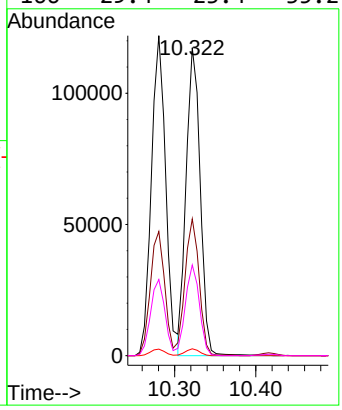


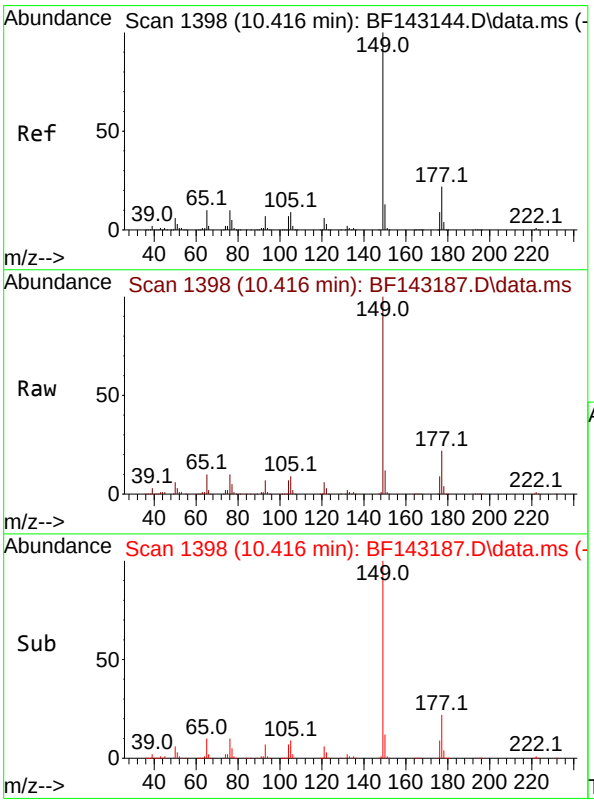
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.644 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 141939

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.3	52.9
130	2.3	1.7	2.5
166	29.4	23.4	35.2

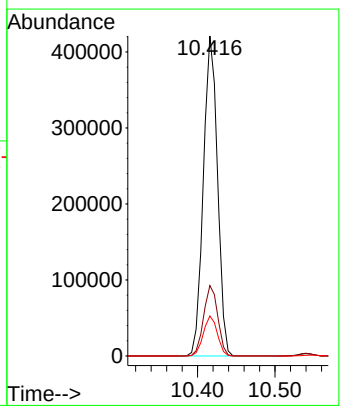


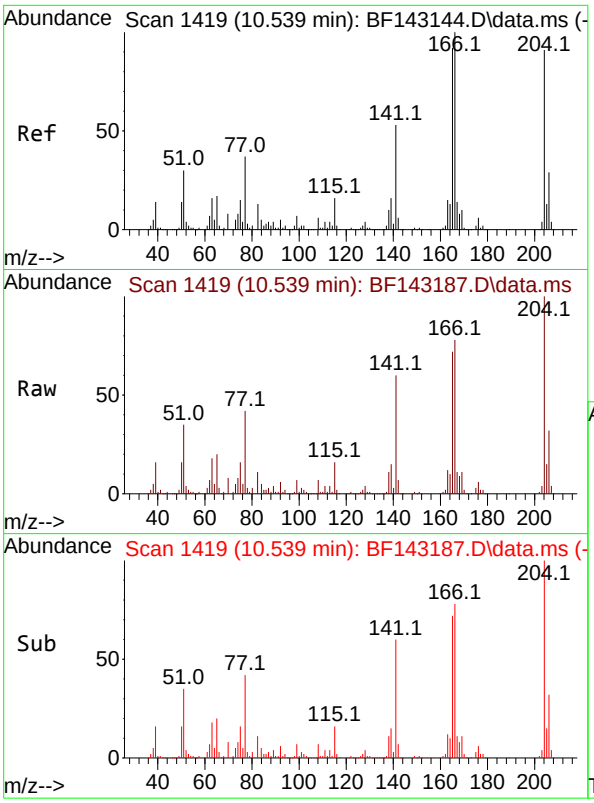


#60
Diethylphthalate
Concen: 39.184 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 532483

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.5	26.3
150	12.5	10.2	15.2



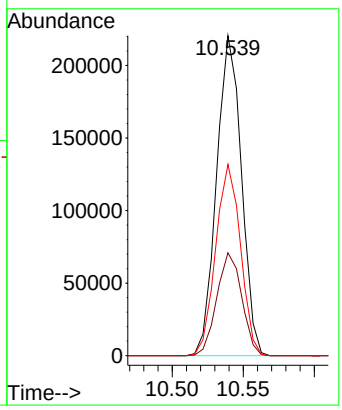


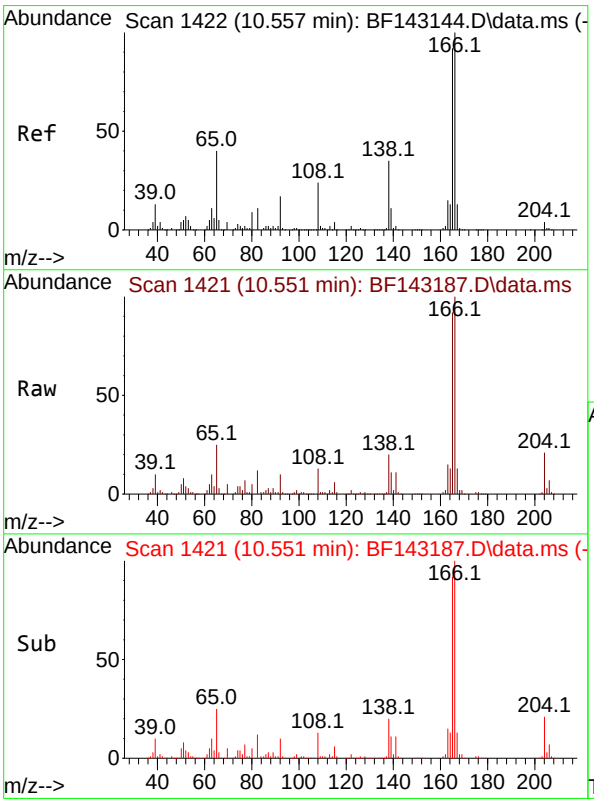
#61
4-Chlorophenyl-phenylether
Concen: 40.079 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 268207

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.8
141	59.8	47.0	70.4

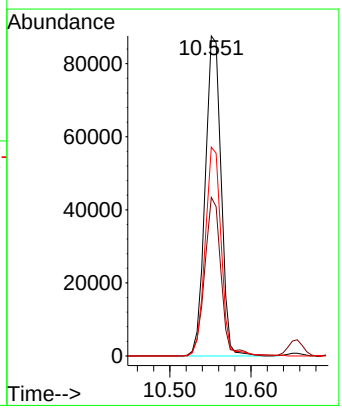


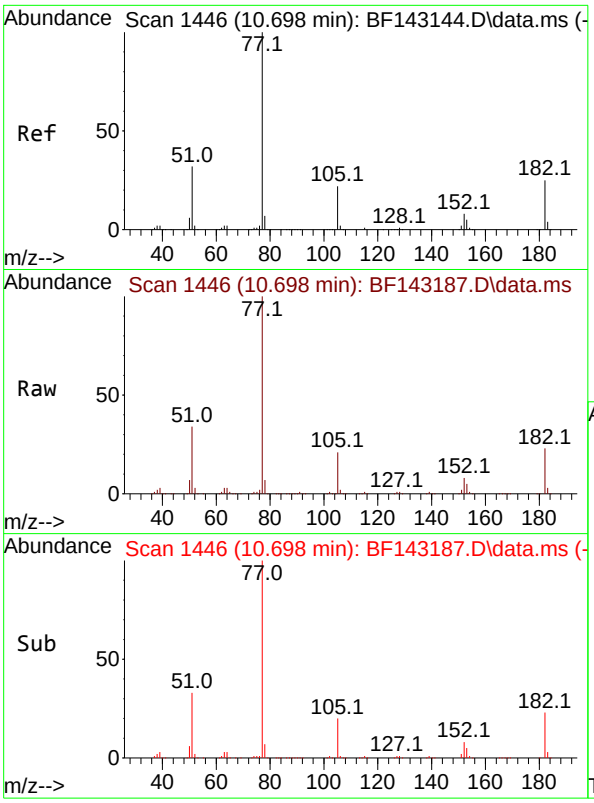


#62
4-Nitroaniline
Concen: 42.379 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:138 Resp: 118821

Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.3	69.3
108	65.2	48.3	88.3



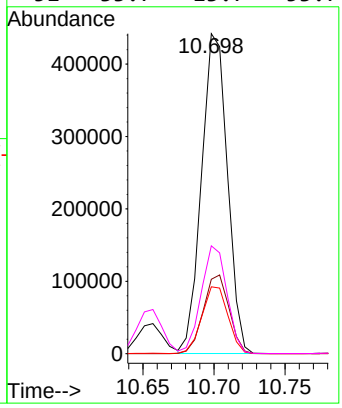


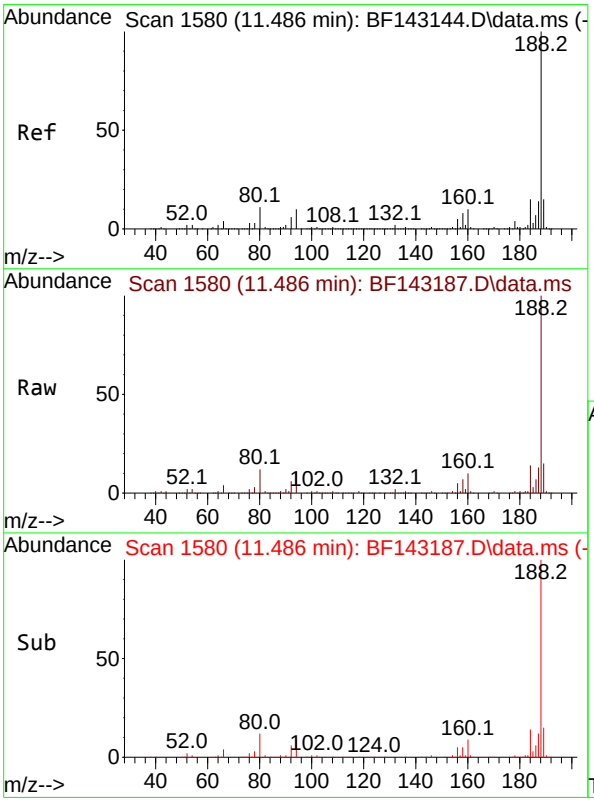
#63
Azobenzene
Concen: 39.680 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 561985

Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.6	44.6
105	20.9	1.4	41.4
51	33.7	13.7	53.7

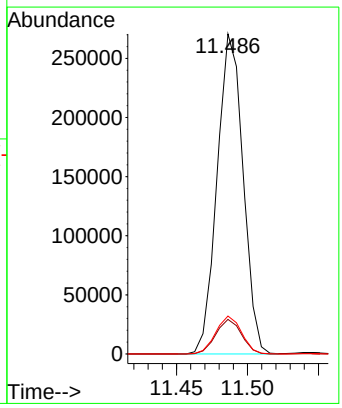


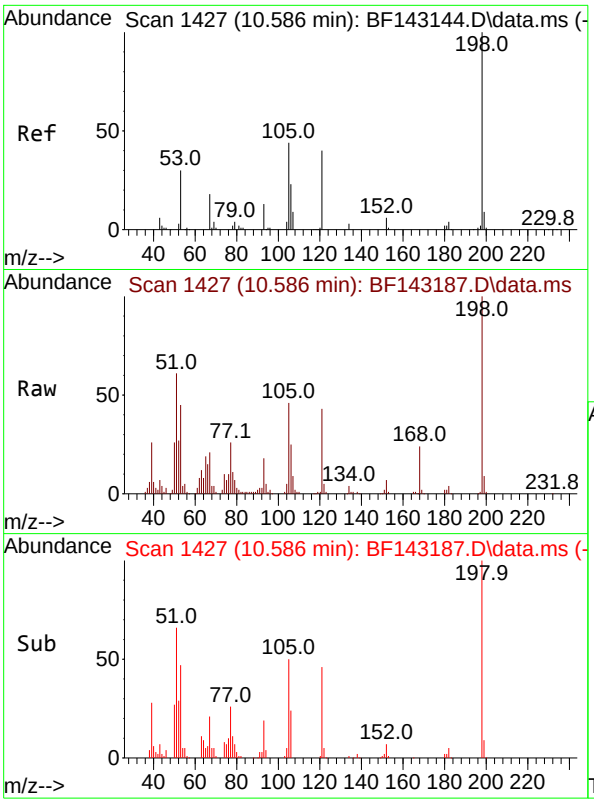


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:188 Resp: 343518

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	11.8	9.0	13.6



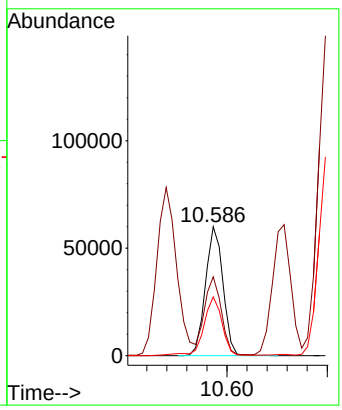


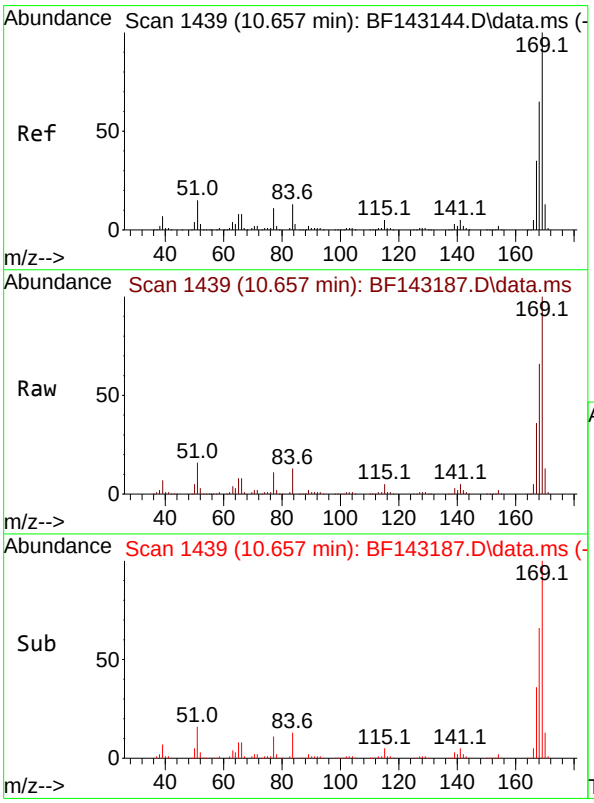
#65
4,6-Dinitro-2-methylphenol
Concen: 41.312 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 72865

Ion	Ratio	Lower	Upper
198	100		
51	61.1	37.2	77.2
105	45.6	24.8	64.8

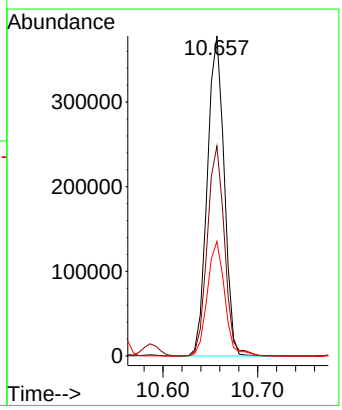


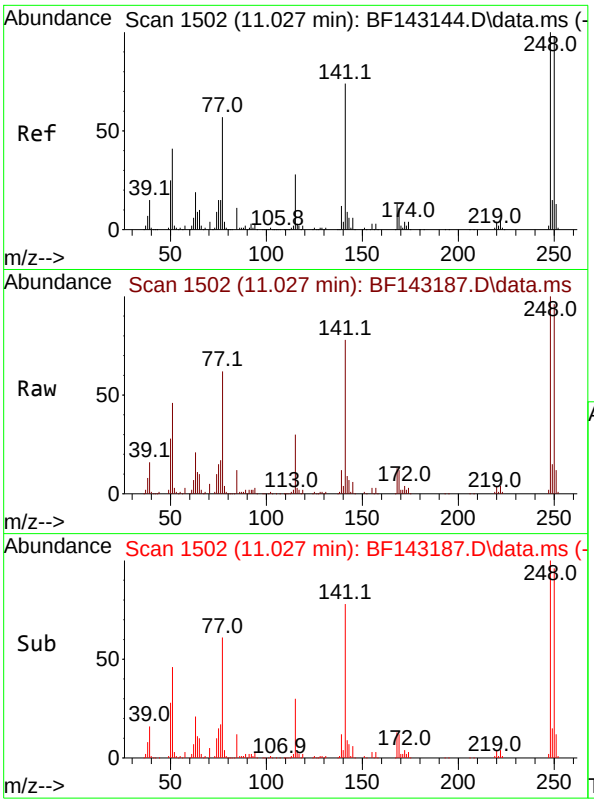


#66
n-Nitrosodiphenylamine
Concen: 38.553 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:169 Resp: 466349

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.7	28.2	42.2



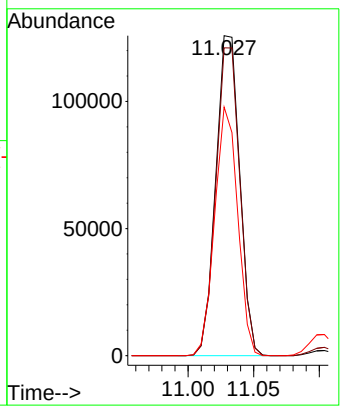


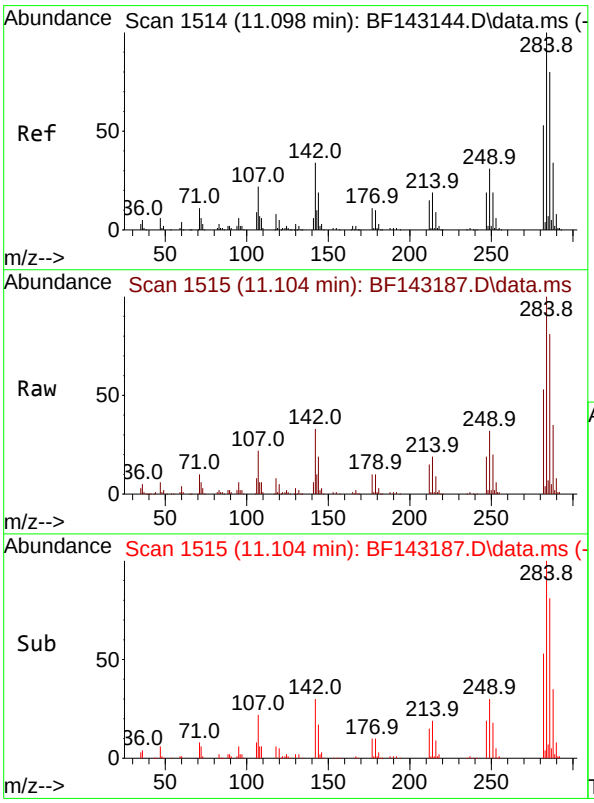
#67
4-Bromophenyl-phenylether
Concen: 39.049 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 159858

Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.3	117.5
141	77.7	59.2	88.8

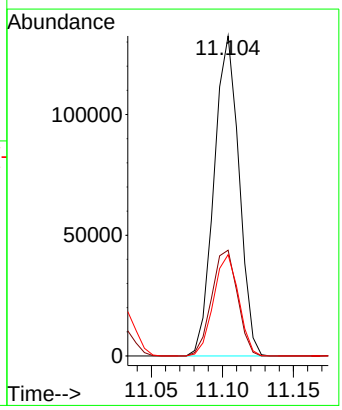


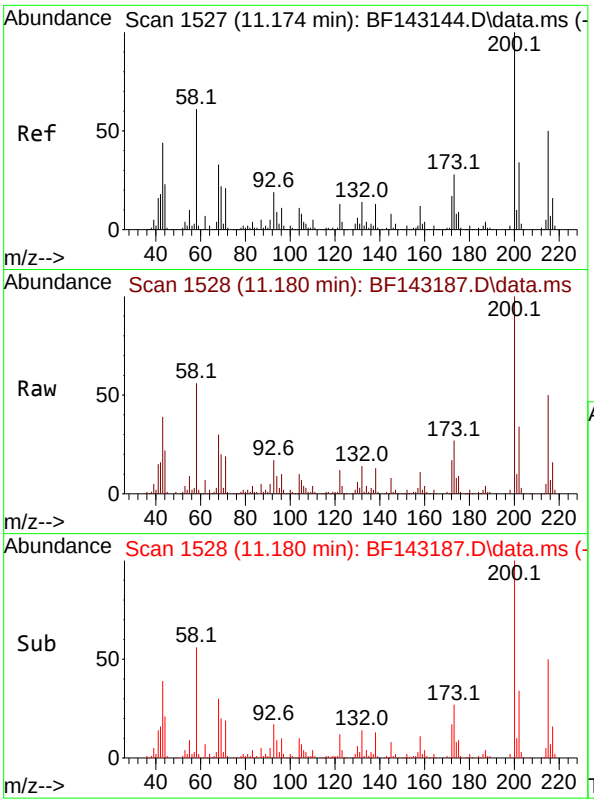


#68
Hexachlorobenzene
Concen: 37.891 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:284 Resp: 162131

Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.0	40.6
249	31.7	25.0	37.6



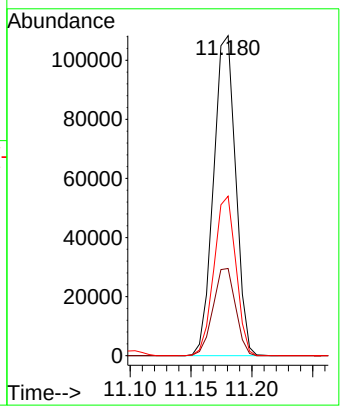


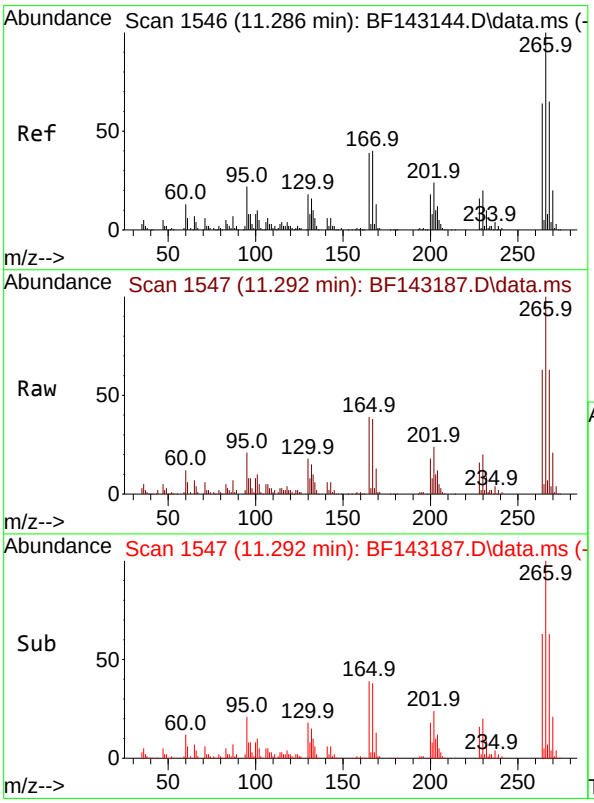
#69
Atrazine
Concen: 41.112 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 137101

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.9	47.9
215	49.8	30.1	70.1

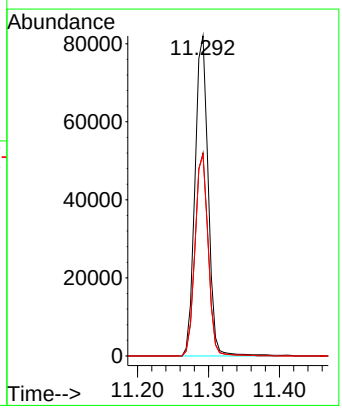


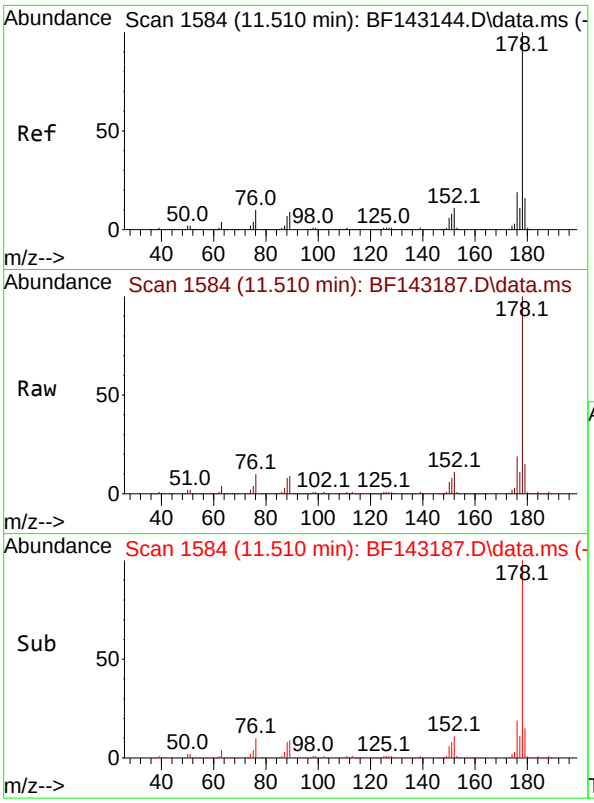


#70
Pentachlorophenol
Concen: 42.253 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:266 Resp: 106322

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.9	77.9
264	62.9	51.0	76.6



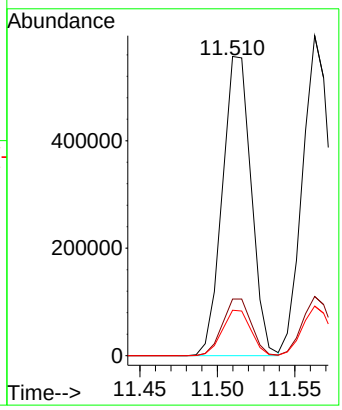


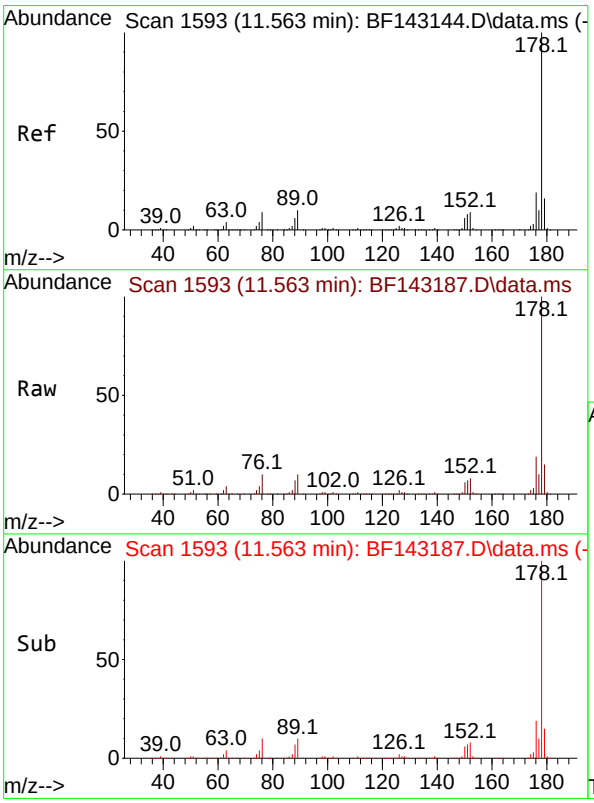
#71
Phenanthrene
Concen: 39.552 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 721419

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.5	18.7

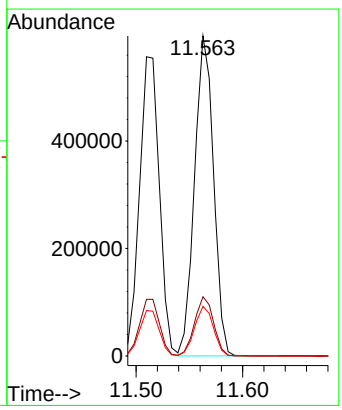


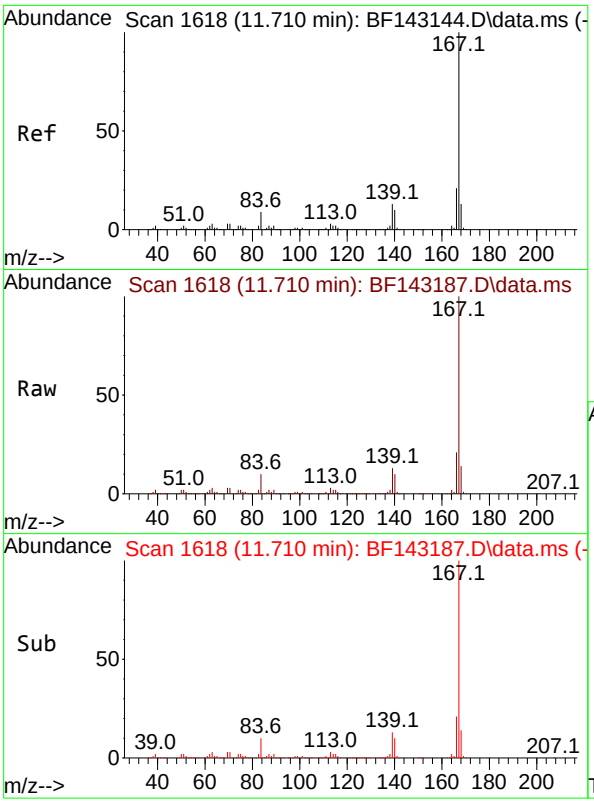


#72
Anthracene
Concen: 39.733 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:178 Resp: 739139

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.5	18.7



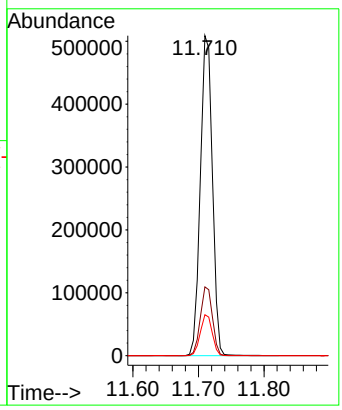


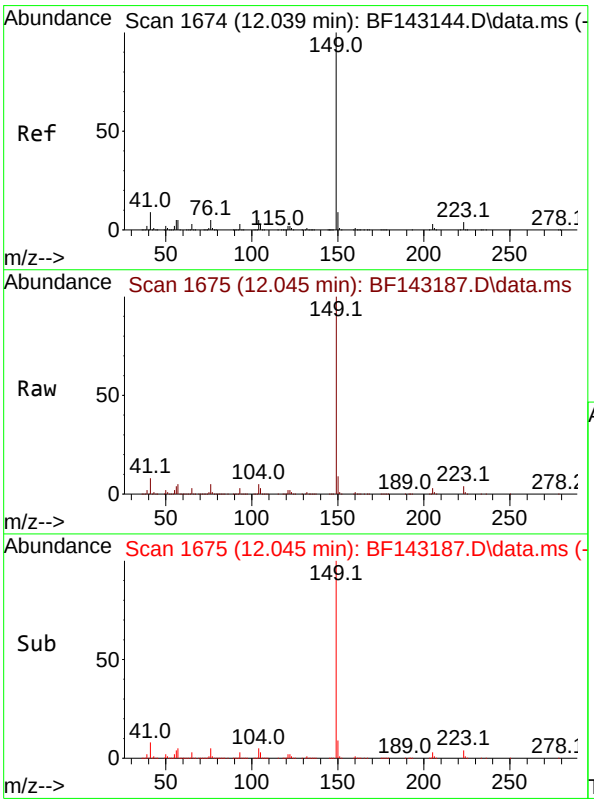
#73
Carbazole
Concen: 40.280 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 654287

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.8	10.0	15.0

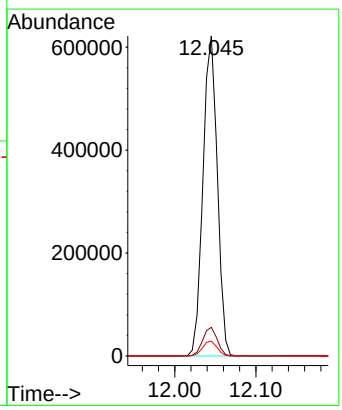


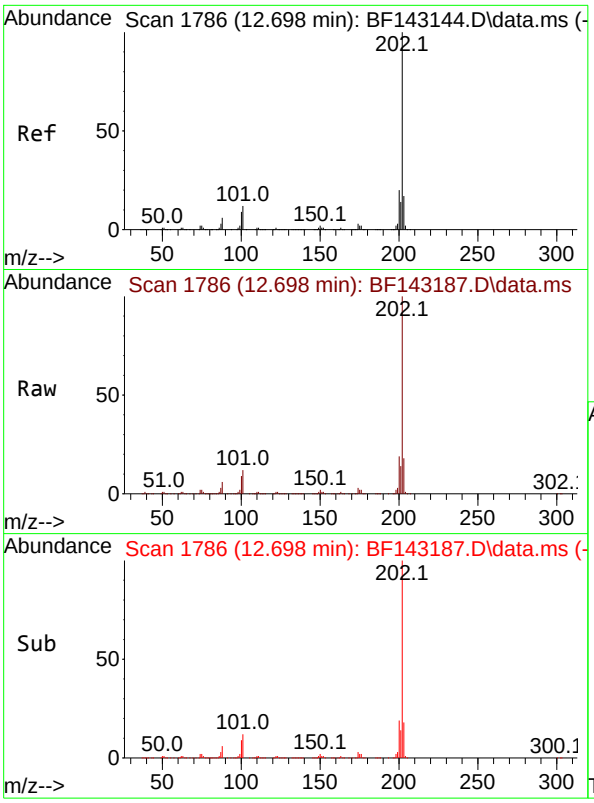


#74
Di-n-butylphthalate
Concen: 41.427 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 761405

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	4.7	3.8	5.8



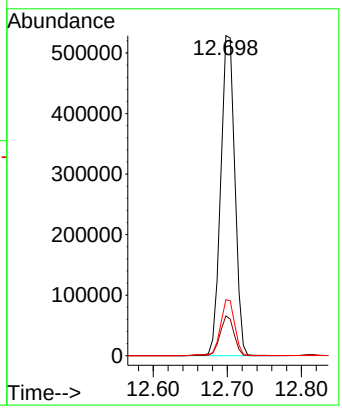


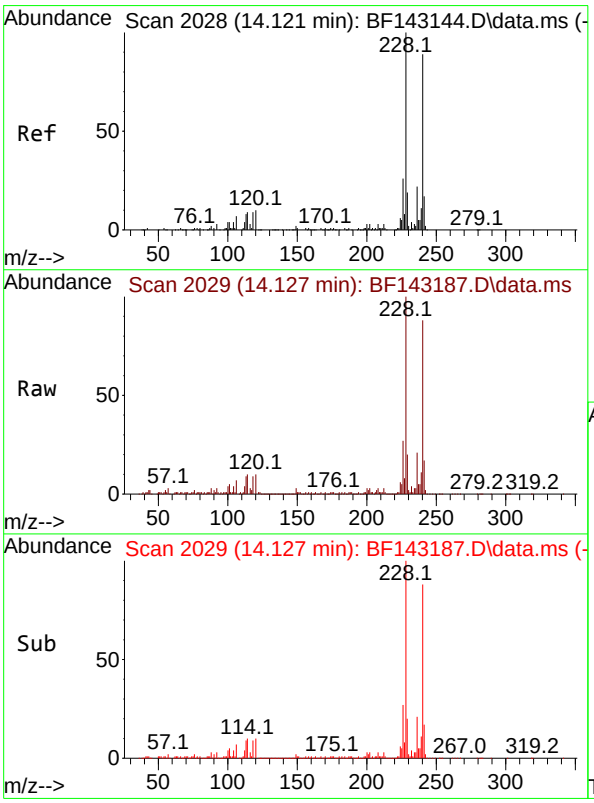
#75
Fluoranthene
Concen: 41.844 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 700542

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.7
203	17.5	0.0	37.4

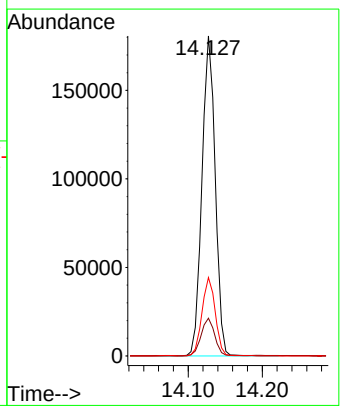


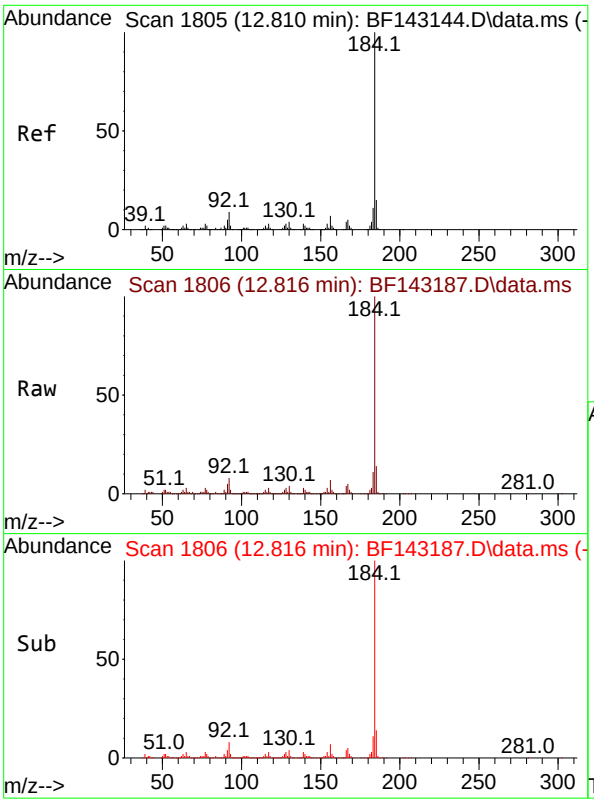


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:240 Resp: 225021

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	24.5	20.2	30.4



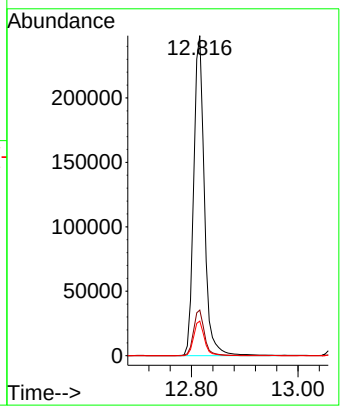


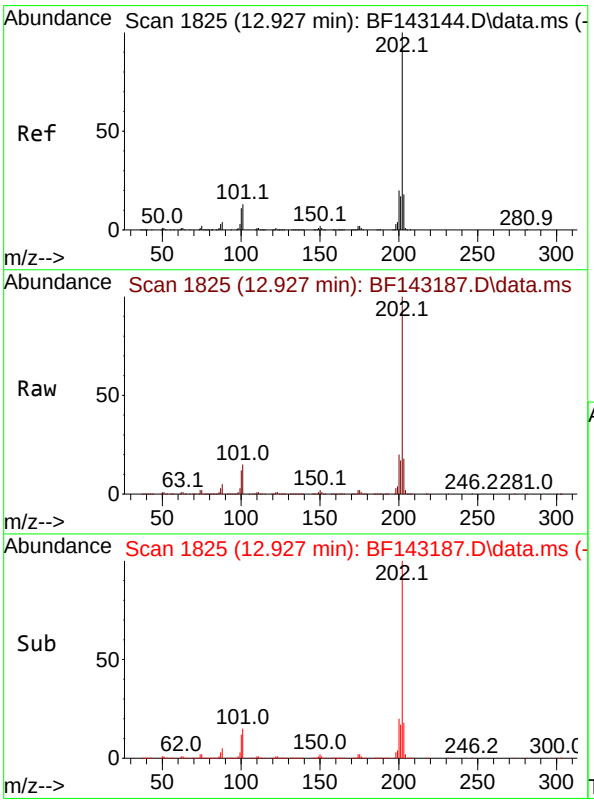
#77
Benzidine
Concen: 39.813 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 345158

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.4
183	10.8	9.0	13.4

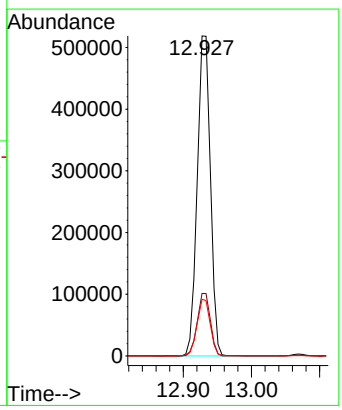


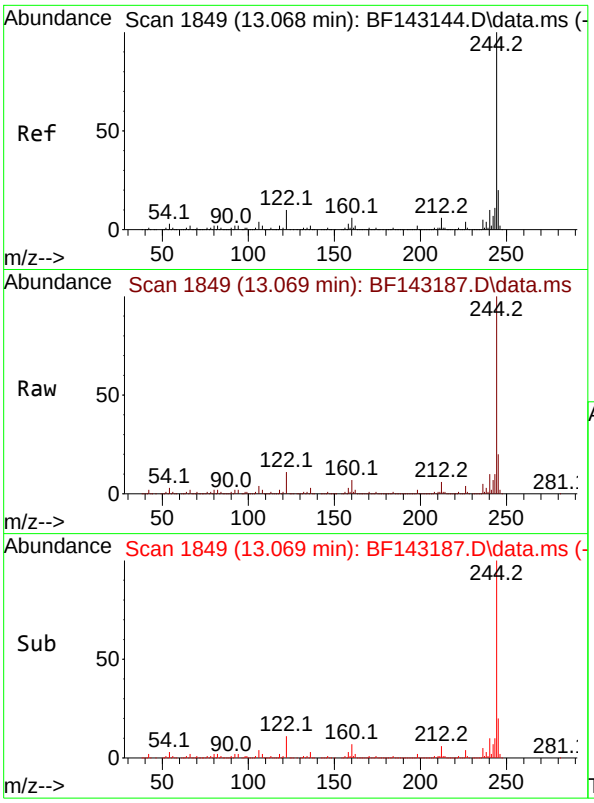


#78
Pyrene
Concen: 36.176 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:202 Resp: 694738

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	17.7	14.2	21.2



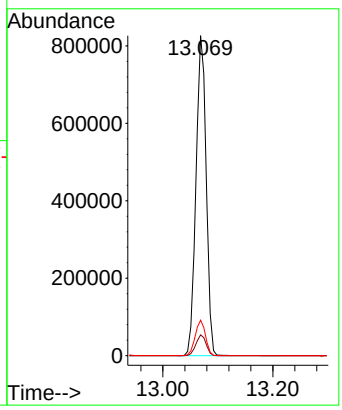


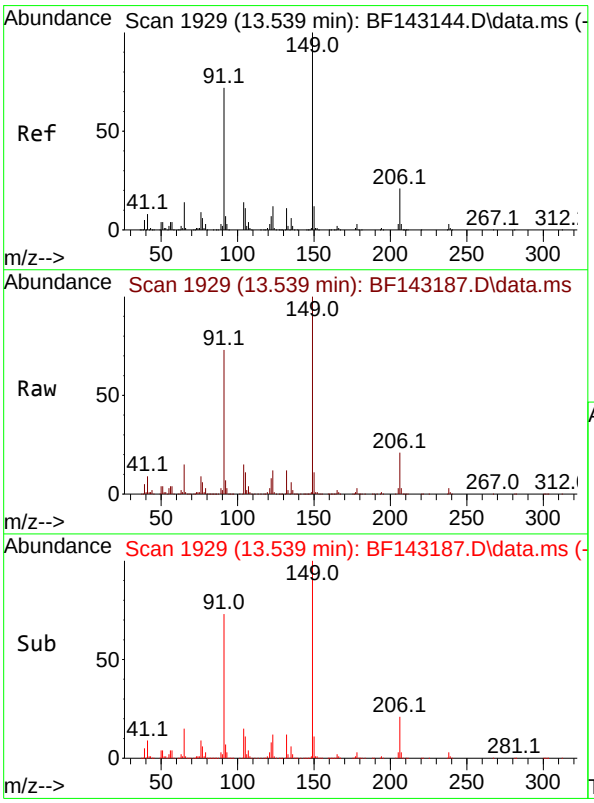
#79
Terphenyl-d14
Concen: 70.493 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 1065941

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.1	8.2	12.2

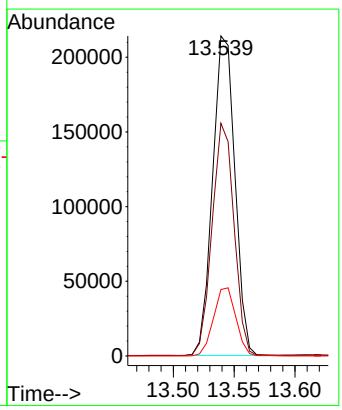


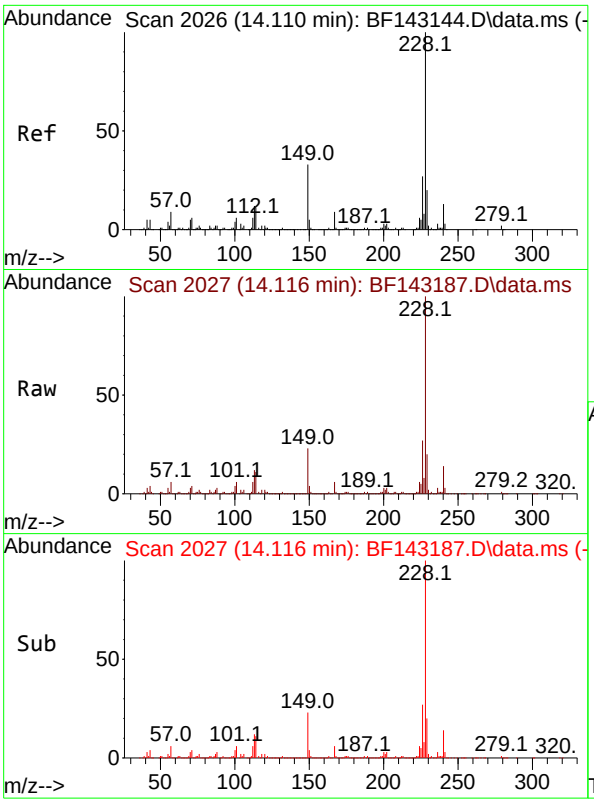


#80
Butylbenzylphthalate
Concen: 46.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 273396

Ion	Ratio	Lower	Upper
149	100		
91	72.7	57.9	86.9
206	20.8	17.0	25.4



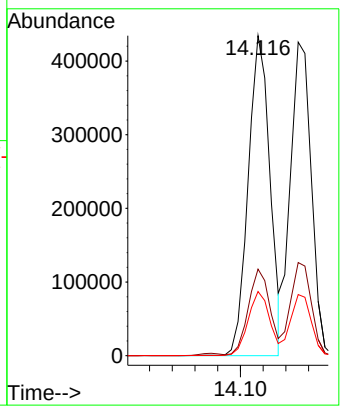


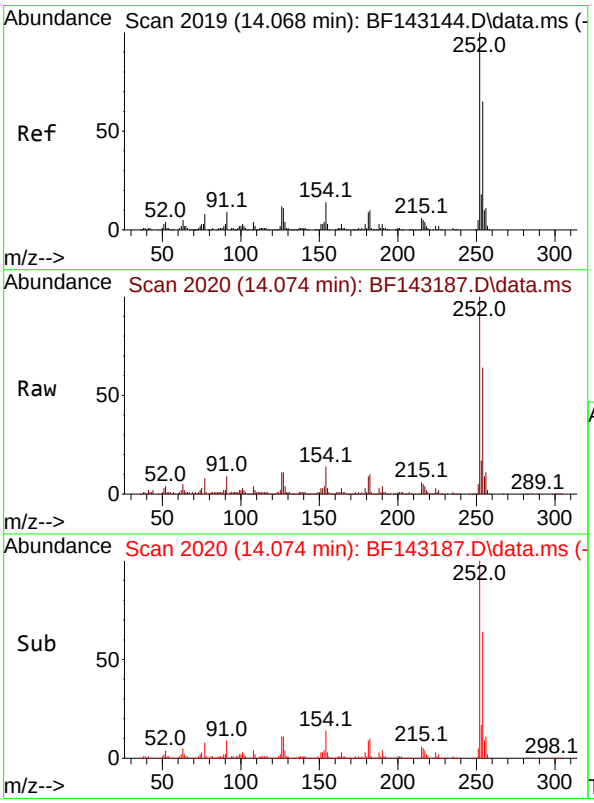
#81
Benzo(a)anthracene
Concen: 38.346 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 577684

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	20.0	15.8	23.6

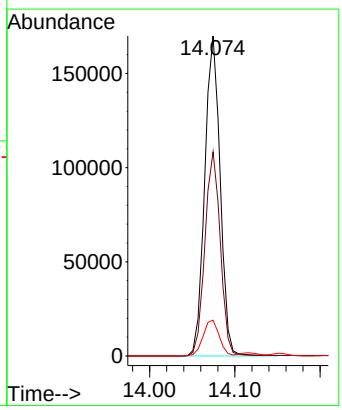


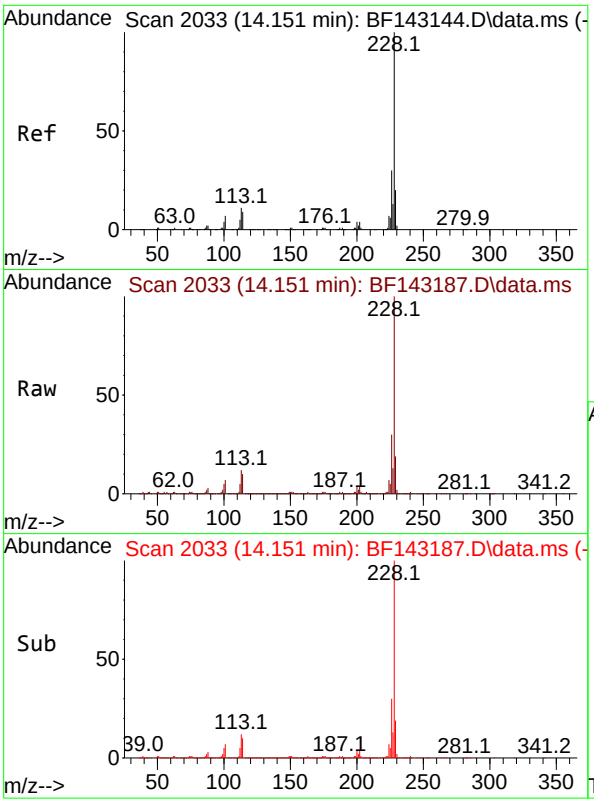


#82
3,3'-Dichlorobenzidine
Concen: 42.575 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:252 Resp: 213772

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.7	77.5
126	11.2	9.4	14.0



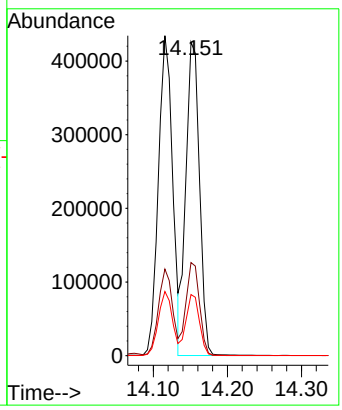


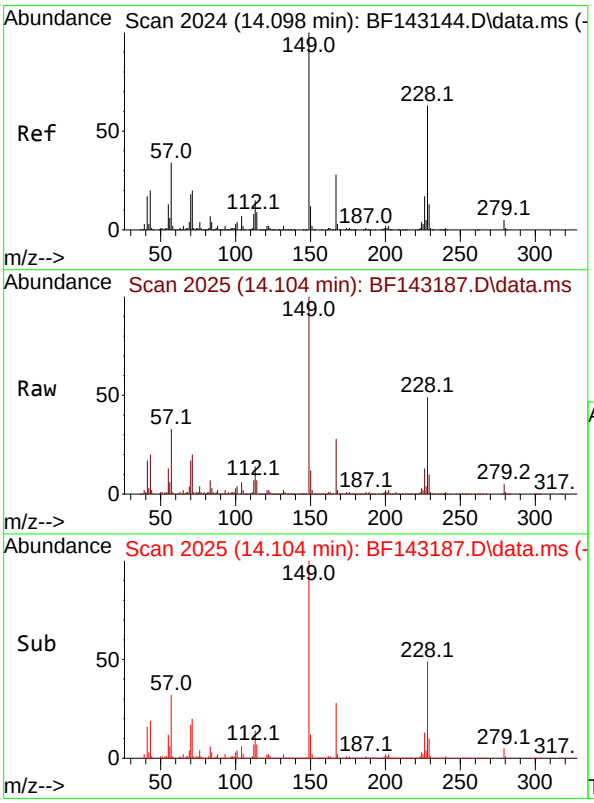
#83
Chrysene
Concen: 40.193 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 544414

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.5	15.6	23.4

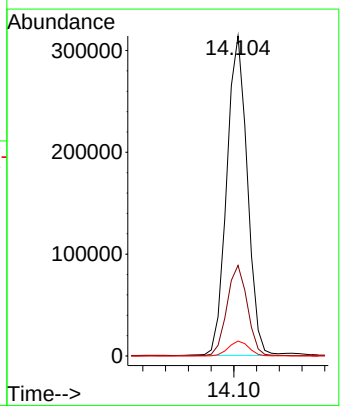


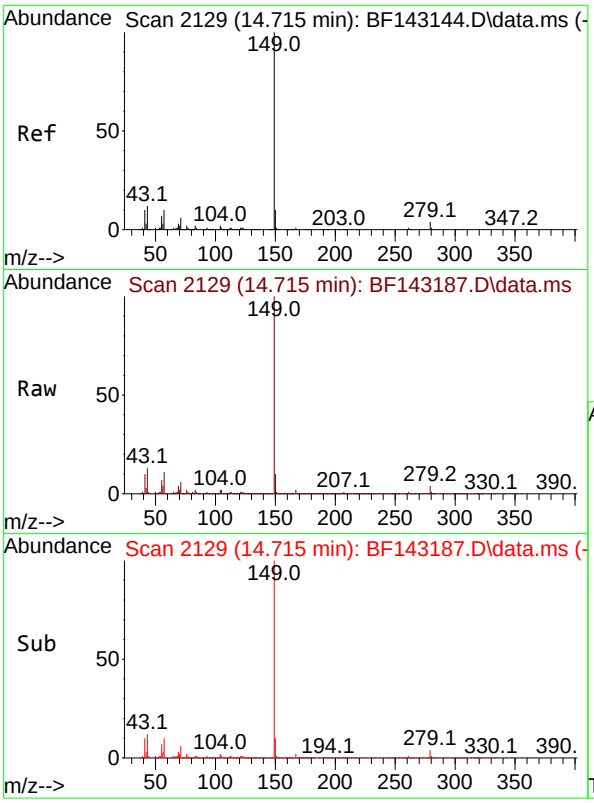


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.258 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 393938

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.3	33.5
279	4.7	3.6	5.4



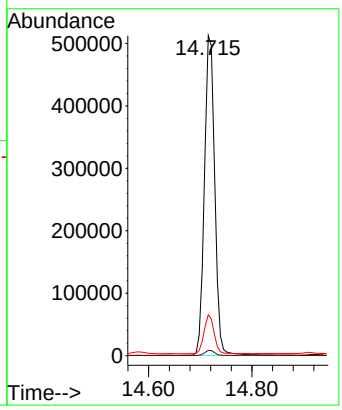


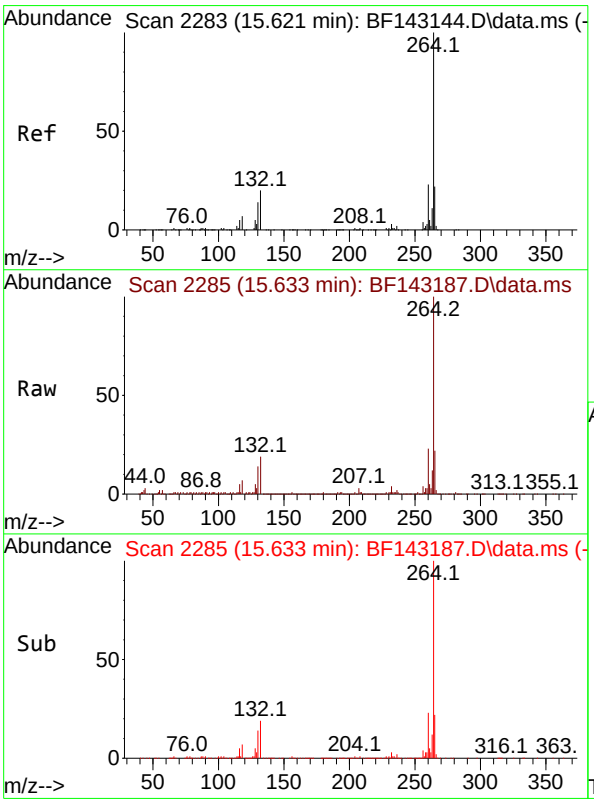
#85
Di-n-octyl phthalate
Concen: 43.945 ng
RT: 14.715 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 709014

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.7	14.5

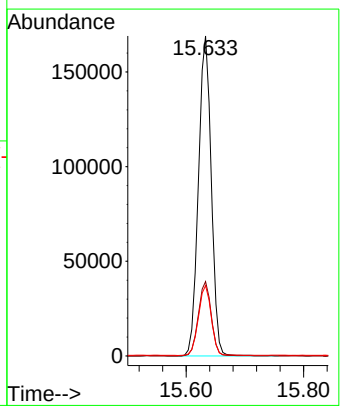


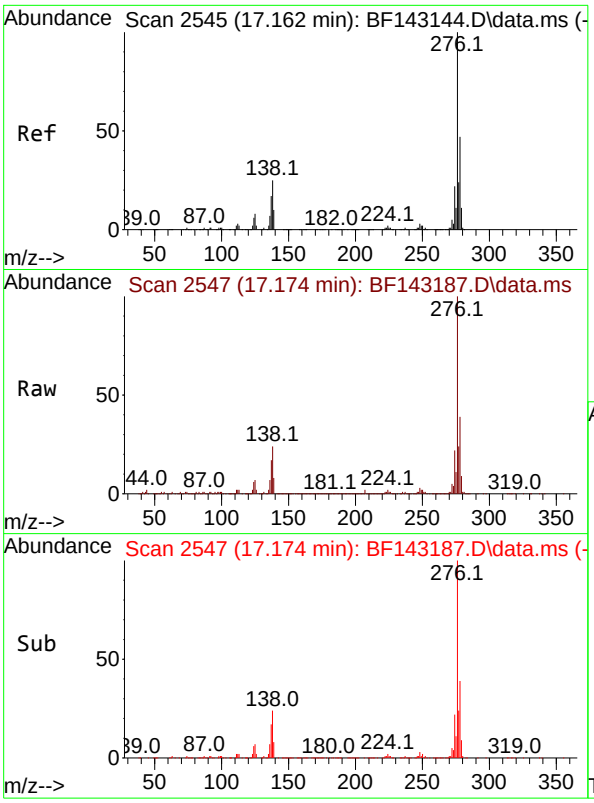


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:264 Resp: 256485

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.0	17.4	26.2



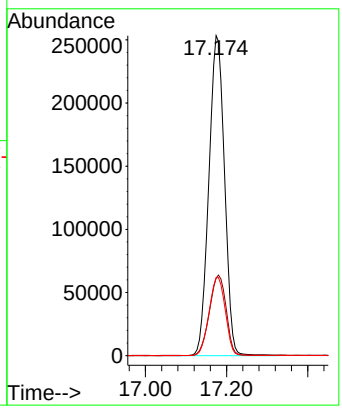


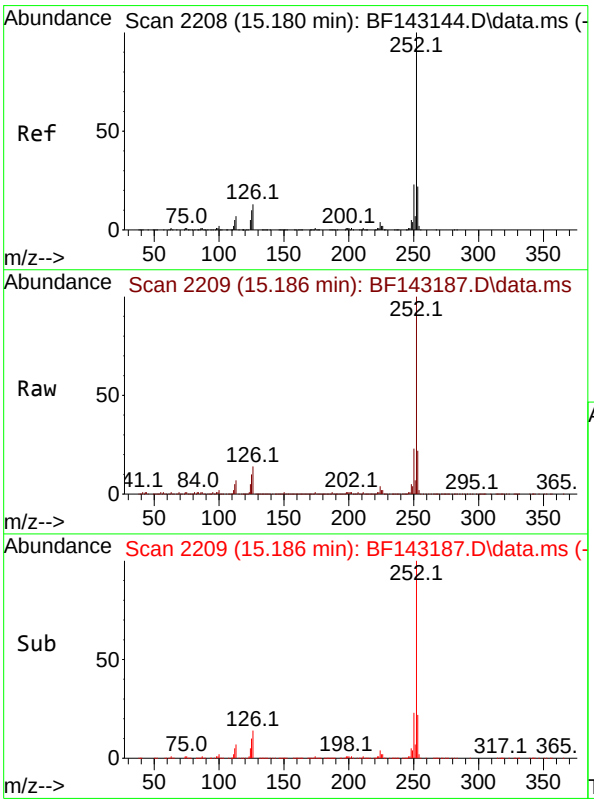
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.481 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 677875

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.8	32.6
277	25.1	20.0	30.0

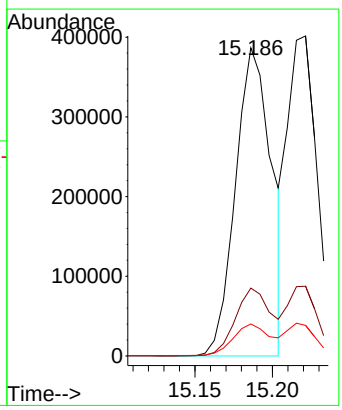


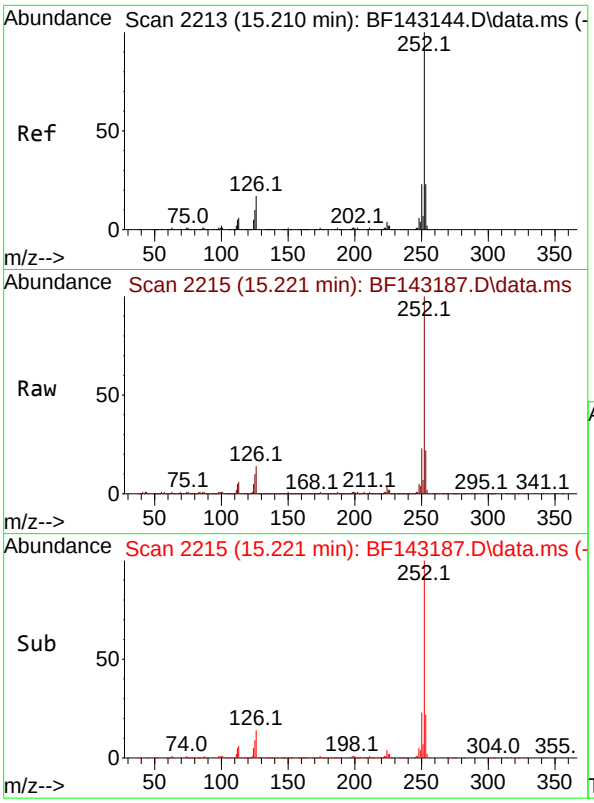


#88
Benzo(b)fluoranthene
Concen: 39.973 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:252 Resp: 626330

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.4	8.0	12.0



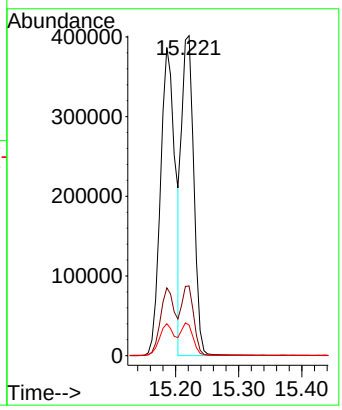


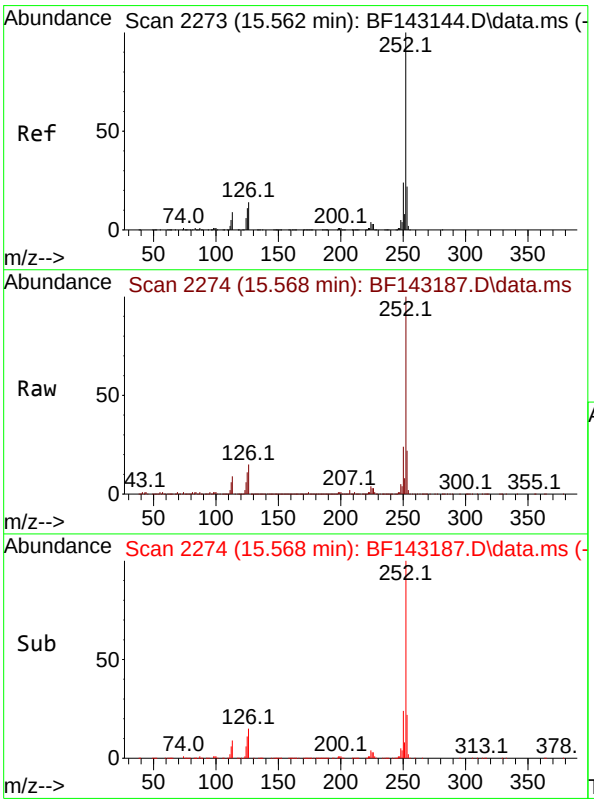
#89
Benzo(k)fluoranthene
Concen: 38.503 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 538347

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.6	8.1	12.1

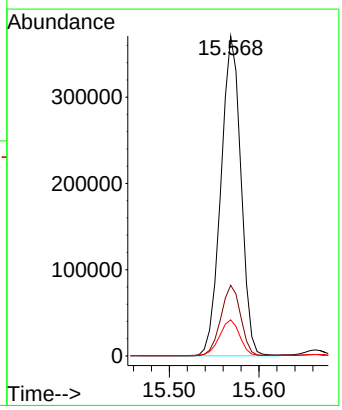


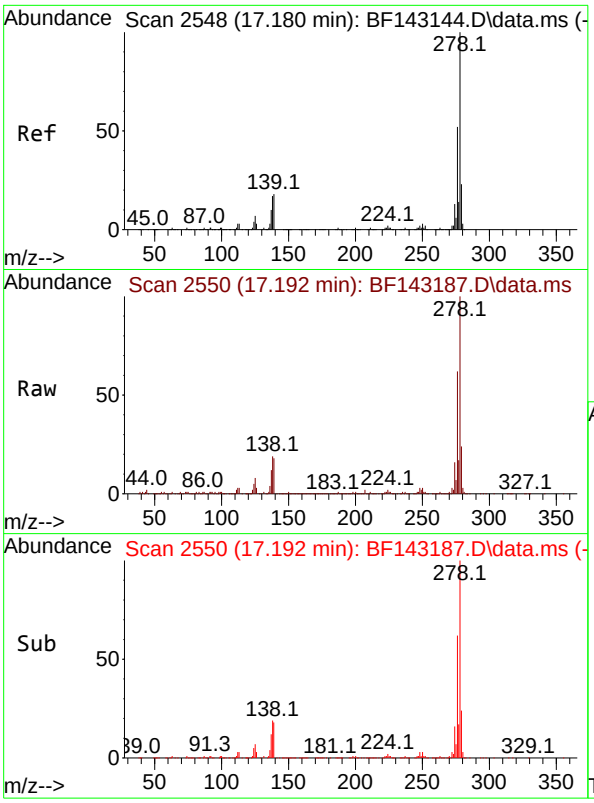


#90
Benzo(a)pyrene
Concen: 39.760 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:252 Resp: 573999

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.3	8.6	13.0



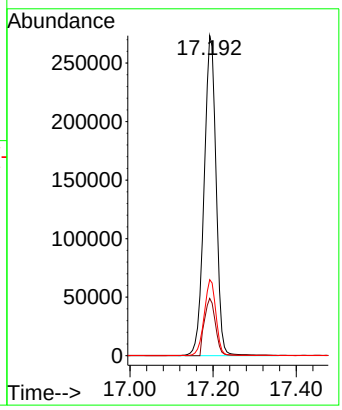


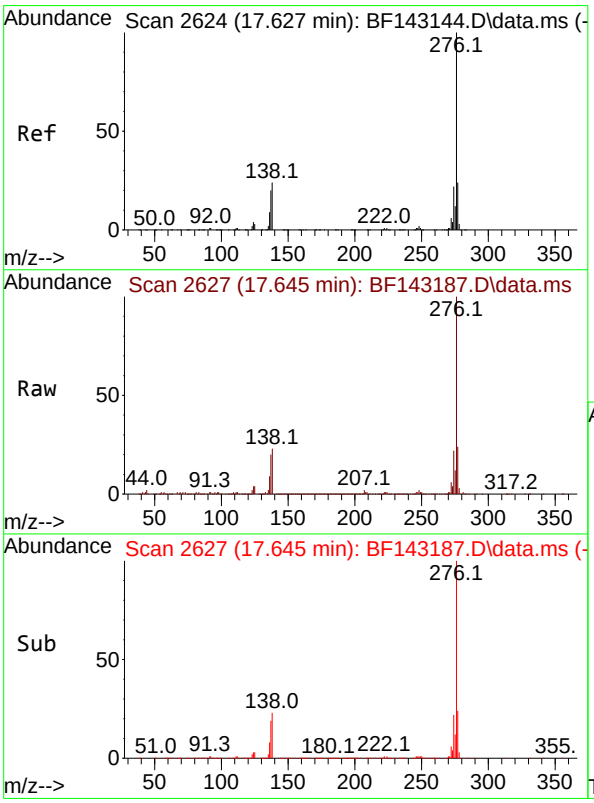
#91
Dibenzo(a,h)anthracene
Concen: 37.299 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 549063

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.1	21.1
279	23.7	18.6	28.0

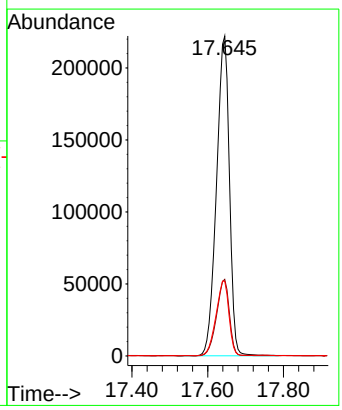




#92
Benzo(g,h,i)perylene
Concen: 36.968 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:276 Resp: 526414

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.3	18.9	28.3



Sample Results: **BF143187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	66	0.00
2		1,4-Dioxane	0.598	0.573	4.2	63	-0.02
3		Pyridine	1.552	1.487	4.2	65	0.00
4		n-Nitrosodimethylamine	0.801	0.773	3.5	63	-0.02
5	S	2-Fluorophenol	1.264	1.228	2.8	66	0.00
6		Aniline	2.217	2.129	4.0	64	0.00
7	S	Phenol-d6	1.591	1.539	3.3	66	0.00
8		2-Chlorophenol	1.325	1.296	2.2	66	0.00
9		Benzaldehyde	1.193	1.113	6.7	51	0.00
10	C	Phenol	1.733	1.787	-3.1	69	0.00
11		bis(2-Chloroethyl)ether	1.327	1.279	3.6	65	0.00
12		1,3-Dichlorobenzene	1.439	1.418	1.5	67	0.00
13	C	1,4-Dichlorobenzene	1.449	1.419	2.1	66	0.00
14		1,2-Dichlorobenzene	1.378	1.357	1.5	67	0.00
15		Benzyl Alcohol	1.215	1.191	2.0	65	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.444	0.7	67	0.00
17		2-Methylphenol	1.114	1.095	1.7	66	0.00
18		Hexachloroethane	0.502	0.505	-0.6	68	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.950	7.0	64	0.00
20		3+4-Methylphenols	1.351	1.360	-0.7	67	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	66	0.00
22		Acetophenone	0.474	0.455	4.0	66	0.00
23	S	Nitrobenzene-d5	0.401	0.404	-0.7	67	0.00
24		Nitrobenzene	0.374	0.373	0.3	65	0.00
25		Isophorone	0.708	0.669	5.5	64	0.00
26	C	2-Nitrophenol	0.162	0.179	-10.5	69	0.00
27		2,4-Dimethylphenol	0.331	0.320	3.3	65	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.413	2.8	66	0.00
29	C	2,4-Dichlorophenol	0.279	0.275	1.4	66	0.00
30		1,2,4-Trichlorobenzene	0.302	0.296	2.0	66	0.00
31		Naphthalene	0.985	0.970	1.5	67	0.00
32		Benzoic acid	0.169	0.198	-17.2	72	-0.01
33		4-Chloroaniline	0.402	0.390	3.0	66	0.00
34	C	Hexachlorobutadiene	0.184	0.183	0.5	67	0.00
35		Caprolactam	0.084	0.083	1.2	63	0.00
36	C	4-Chloro-3-methylphenol	0.303	0.293	3.3	64	0.00
37		2-Methylnaphthalene	0.599	0.591	1.3	67	0.00
38		1-Methylnaphthalene	0.617	0.608	1.5	67	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	64	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.580	-0.5	67	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.387	-2.9	66	0.00
42	S	2,4,6-Tribromophenol	0.207	0.214	-3.4	65	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.390	2.5	65	0.00
44		2,4,5-Trichlorophenol	0.400	0.416	-4.0	65	0.00
45	S	2-Fluorobiphenyl	1.462	1.449	0.9	68	0.00
46		1,1'-Biphenyl	1.560	1.558	0.1	66	0.00
47		2-Chloronaphthalene	1.155	1.143	1.0	66	0.00

Sample Results: **BF143187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	0.362	0.386	-6.6	65	0.00
49		Acenaphthylene	1.935	1.914	1.1	65	0.00
50		Dimethylphthalate	1.304	1.281	1.8	64	0.00
51		2,6-Dinitrotoluene	0.265	0.276	-4.2	63	0.00
52	C	Acenaphthene	1.144	1.157	-1.1	67	0.00
53		3-Nitroaniline	0.310	0.321	-3.5	64	0.00
54	P	2,4-Dinitrophenol	0.098	0.126	-28.6#	77	0.00
55		Dibenzofuran	1.698	1.666	1.9	65	0.00
56	P	4-Nitrophenol	0.232	0.249	-7.3	64	0.00
57		2,4-Dinitrotoluene	0.333	0.361	-8.4	65	0.00
58		Fluorene	1.274	1.255	1.5	66	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.336	-1.5	64	0.00
60		Diethylphthalate	1.289	1.262	2.1	63	0.00
61		4-Chlorophenyl-phenylether	0.635	0.636	-0.2	66	0.00
62		4-Nitroaniline	0.266	0.282	-6.0	64	0.00
63		Azobenzene	1.343	1.332	0.8	64	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	63	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.106	-12.8	69	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.679	3.6	64	0.00
67		4-Bromophenyl-phenylether	0.238	0.233	2.1	65	0.00
68		Hexachlorobenzene	0.249	0.236	5.2	62	0.00
69		Atrazine	0.194	0.200	-3.1	64	0.00
70	C	Pentachlorophenol	0.147	0.155	-5.4	66	0.00
71		Phenanthrene	1.062	1.050	1.1	65	0.00
72		Anthracene	1.083	1.076	0.6	66	0.00
73		Carbazole	0.946	0.952	-0.6	65	0.00
74		Di-n-butylphthalate	1.070	1.108	-3.6	65	0.00
75	C	Fluoranthene	0.975	1.020	-4.6	68	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	76	0.00
77		Benzidine	0.771	0.767	0.5	61	0.00
78		Pyrene	1.707	1.544	9.5	68	0.00
79	S	Terphenyl-d14	1.344	1.184	11.9	69	0.00
80		Butylbenzylphthalate	0.523	0.607	-16.1	85	0.00
81		Benzo(a)anthracene	1.339	1.284	4.1	76	0.00
82		3,3'-Dichlorobenzidine	0.446	0.475	-6.5	84	0.00
83		Chrysene	1.204	1.210	-0.5	76	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.875	-10.6	84	0.00
85	c	Di-n-octyl phthalate	1.434	1.575	-9.8	86	0.00
86	I	Perylene-d12	1.000	1.000	0.0	79	0.01
87		Indeno(1,2,3-cd)pyrene	1.410	1.321	6.3	74	0.01
88		Benzo(b)fluoranthene	1.222	1.221	0.1	84	0.00
89		Benzo(k)fluoranthene	1.090	1.049	3.8	73	0.01
90	C	Benzo(a)pyrene	1.126	1.119	0.6	79	0.00
91		Dibenzo(a,h)anthracene	1.148	1.070	6.8	74	0.01
92		Benzo(g,h,i)perylene	1.110	1.026	7.6	73	0.02

Sample Results: **BF143187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

Sample Results: **BF143187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	66	0.00
2		1,4-Dioxane	40.000	38.305	4.2	63	-0.02
3		Pyridine	40.000	38.307	4.2	65	0.00
4		n-Nitrosodimethylamine	40.000	38.581	3.5	63	-0.02
5	S	2-Fluorophenol	80.000	77.753	2.8	66	0.00
6		Aniline	40.000	38.416	4.0	64	0.00
7	S	Phenol-d6	80.000	77.413	3.2	66	0.00
8		2-Chlorophenol	40.000	39.143	2.1	66	0.00
9		Benzaldehyde	40.000	37.310	6.7	51	0.00
10	C	Phenol	40.000	41.254	-3.1	69	0.00
11		bis(2-Chloroethyl)ether	40.000	38.553	3.6	65	0.00
12		1,3-Dichlorobenzene	40.000	39.411	1.5	67	0.00
13	C	1,4-Dichlorobenzene	40.000	39.163	2.1	66	0.00
14		1,2-Dichlorobenzene	40.000	39.385	1.5	67	0.00
15		Benzyl Alcohol	40.000	39.223	1.9	65	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.713	0.7	67	0.00
17		2-Methylphenol	40.000	39.321	1.7	66	0.00
18		Hexachloroethane	40.000	40.297	-0.7	68	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.224	6.9	64	0.00
20		3+4-Methylphenols	40.000	40.254	-0.6	67	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	66	0.00
22		Acetophenone	40.000	38.442	3.9	66	0.00
23	S	Nitrobenzene-d5	80.000	80.559	-0.7	67	0.00
24		Nitrobenzene	40.000	39.866	0.3	65	0.00
25		Isophorone	40.000	37.763	5.6	64	0.00
26	C	2-Nitrophenol	40.000	44.078	-10.2	69	0.00
27		2,4-Dimethylphenol	40.000	38.679	3.3	65	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.868	2.8	66	0.00
29	C	2,4-Dichlorophenol	40.000	39.425	1.4	66	0.00
30		1,2,4-Trichlorobenzene	40.000	39.329	1.7	66	0.00
31		Naphthalene	40.000	39.398	1.5	67	0.00
32		Benzoic acid	40.000	43.041	-7.6	72	-0.01
33		4-Chloroaniline	40.000	38.830	2.9	66	0.00
34	C	Hexachlorobutadiene	40.000	39.691	0.8	67	0.00
35		Caprolactam	40.000	39.340	1.6	63	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.680	3.3	64	0.00
37		2-Methylnaphthalene	40.000	39.453	1.4	67	0.00
38		1-Methylnaphthalene	40.000	39.373	1.6	67	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	64	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.183	-0.5	67	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.178	-2.9	66	0.00
42	S	2,4,6-Tribromophenol	80.000	82.786	-3.5	65	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.058	2.4	65	0.00
44		2,4,5-Trichlorophenol	40.000	41.595	-4.0	65	0.00
45	S	2-Fluorobiphenyl	80.000	79.290	0.9	68	0.00
46		1,1'-Biphenyl	40.000	39.935	0.2	66	0.00
47		2-Chloronaphthalene	40.000	39.583	1.0	66	0.00

Sample Results: **BF143187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	42.683	-6.7	65	0.00
49		Acenaphthylene	40.000	39.572	1.1	65	0.00
50		Dimethylphthalate	40.000	39.316	1.7	64	0.00
51		2,6-Dinitrotoluene	40.000	41.575	-3.9	63	0.00
52	C	Acenaphthene	40.000	40.485	-1.2	67	0.00
53		3-Nitroaniline	40.000	41.415	-3.5	64	0.00
54	P	2,4-Dinitrophenol	40.000	45.117	-12.8	77	0.00
55		Dibenzofuran	40.000	39.249	1.9	65	0.00
56	P	4-Nitrophenol	40.000	42.968	-7.4	64	0.00
57		2,4-Dinitrotoluene	40.000	43.407	-8.5	65	0.00
58		Fluorene	40.000	39.388	1.5	66	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.644	-1.6	64	0.00
60		Diethylphthalate	40.000	39.184	2.0	63	0.00
61		4-Chlorophenyl-phenylether	40.000	40.079	-0.2	66	0.00
62		4-Nitroaniline	40.000	42.379	-5.9	64	0.00
63		Azobenzene	40.000	39.680	0.8	64	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	63	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.312	-3.3	69	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.553	3.6	64	0.00
67		4-Bromophenyl-phenylether	40.000	39.049	2.4	65	0.00
68		Hexachlorobenzene	40.000	37.891	5.3	62	0.00
69		Atrazine	40.000	41.112	-2.8	64	0.00
70	C	Pentachlorophenol	40.000	42.253	-5.6	66	0.00
71		Phenanthrene	40.000	39.552	1.1	65	0.00
72		Anthracene	40.000	39.733	0.7	66	0.00
73		Carbazole	40.000	40.280	-0.7	65	0.00
74		Di-n-butylphthalate	40.000	41.427	-3.6	65	0.00
75	C	Fluoranthene	40.000	41.844	-4.6	68	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	76	0.00
77		Benzidine	40.000	39.813	0.5	61	0.00
78		Pyrene	40.000	36.176	9.6	68	0.00
79	S	Terphenyl-d14	80.000	70.493	11.9	69	0.00
80		Butylbenzylphthalate	40.000	46.491	-16.2	85	0.00
81		Benzo(a)anthracene	40.000	38.346	4.1	76	0.00
82		3,3'-Dichlorobenzidine	40.000	42.575	-6.4	84	0.00
83		Chrysene	40.000	40.193	-0.5	76	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.258	-10.6	84	0.00
85	c	Di-n-octyl phthalate	40.000	43.945	-9.9	86	0.00
86	I	Perylene-d12	20.000	20.000	0.0	79	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	37.481	6.3	74	0.01
88		Benzo(b)fluoranthene	40.000	39.973	0.1	84	0.00
89		Benzo(k)fluoranthene	40.000	38.503	3.7	73	0.01
90	C	Benzo(a)pyrene	40.000	39.760	0.6	79	0.00
91		Dibenzo(a,h)anthracene	40.000	37.299	6.8	74	0.01
92		Benzo(g,h,i)perylene	40.000	36.968	7.6	73	0.02

Sample Results: **BF143187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 14:33

Lab File ID: BF143210.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.243		-1.7	
Phenol-d6	1.591	1.523		-4.3	
Nitrobenzene-d5	0.401	0.408		1.7	
Naphthalene	0.985	0.978		-0.7	
2-Methylnaphthalene	0.599	0.593		-1.0	
2-Fluorobiphenyl	1.462	1.452		-0.7	
Acenaphthylene	1.935	1.886		-2.5	
Acenaphthene	1.144	1.132		-1.0	20.0
Fluorene	1.274	1.270		-0.3	
2,4,6-Tribromophenol	0.207	0.202		-2.4	
Phenanthrene	1.062	1.044		-1.7	
Anthracene	1.083	1.077		-0.6	
Fluoranthene	0.975	1.087		11.5	20.0
Pyrene	1.707	1.483		-13.1	
Terphenyl-d14	1.344	1.178		-12.4	
Benzo(a)anthracene	1.339	1.274		-4.9	
Chrysene	1.204	1.200		-0.3	
Benzo(b)fluoranthene	1.222	1.277		4.5	
Benzo(k)fluoranthene	1.090	0.998		-8.4	
Benzo(a)pyrene	1.126	1.108		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.357		-3.8	
Dibenzo(a,h)anthracene	1.148	1.110		-3.3	
Benzo(g,h,i)perylene	1.110	1.097		-1.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	97351	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	364498	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	187438	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	309922	20.000	ng		0.00
76) Chrysene-d12	14.121	240	228057	20.000	ng		0.00
86) Perylene-d12	15.627	264	245226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	484136	78.697	ng		0.00
7) Phenol-d6	6.592	99	593088	76.594	ng		0.00
23) Nitrobenzene-d5	7.522	82	594723	81.332	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	151520	78.251	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1088775	79.441	ng		0.00
79) Terphenyl-d14	13.063	244	1074970	70.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	113651	39.043	ng		98
3) Pyridine	3.575	79	283334	37.501	ng		98
4) n-Nitrosodimethylamine	3.510	42	151578	38.857	ng		97
6) Aniline	6.628	93	402849	37.330	ng		99
8) 2-Chlorophenol	6.751	128	252794	39.203	ng		97
9) Benzaldehyde	6.510	77	207569	35.749	ng		98
10) Phenol	6.604	94	336045	39.837	ng		97
11) bis(2-Chloroethyl)ether	6.692	93	244219	37.812	ng		99
12) 1,3-Dichlorobenzene	6.910	146	281071	40.124	ng		98
13) 1,4-Dichlorobenzene	6.981	146	280709	39.792	ng		99
14) 1,2-Dichlorobenzene	7.134	146	269162	40.116	ng		99
15) Benzyl Alcohol	7.098	79	228448	38.639	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	450642	37.612	ng		99
17) 2-Methylphenol	7.210	107	207561	38.282	ng		99
18) Hexachloroethane	7.481	117	100851	41.296	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	180795	36.393	ng		98
20) 3+4-Methylphenols	7.363	107	256887	39.051	ng	#	77
22) Acetophenone	7.369	105	335287	38.853	ng	#	99
24) Nitrobenzene	7.539	77	274884	40.321	ng		99
25) Isophorone	7.781	82	487827	37.791	ng		98
26) 2-Nitrophenol	7.857	139	130397	44.072	ng		99
27) 2,4-Dimethylphenol	7.892	122	230195	38.169	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	292069	37.737	ng		99
29) 2,4-Dichlorophenol	8.098	162	200347	39.391	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	223983	40.763	ng		100
31) Naphthalene	8.269	128	713073	39.723	ng		99
32) Benzoic acid	7.986	122	138803	41.627	ng		98
33) 4-Chloroaniline	8.310	127	280428	38.259	ng		99
34) Hexachlorobutadiene	8.386	225	137489	40.960	ng		99
35) Caprolactam	8.663	113	62853	40.895	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	214294	38.764	ng		97
37) 2-Methylnaphthalene	8.957	142	432353	39.580	ng		100
38) 1-Methylnaphthalene	9.057	142	448502	39.872	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	216223	39.956	ng		99
41) Hexachlorocyclopentadiene	9.116	237	148176	42.082	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	144660	38.625	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

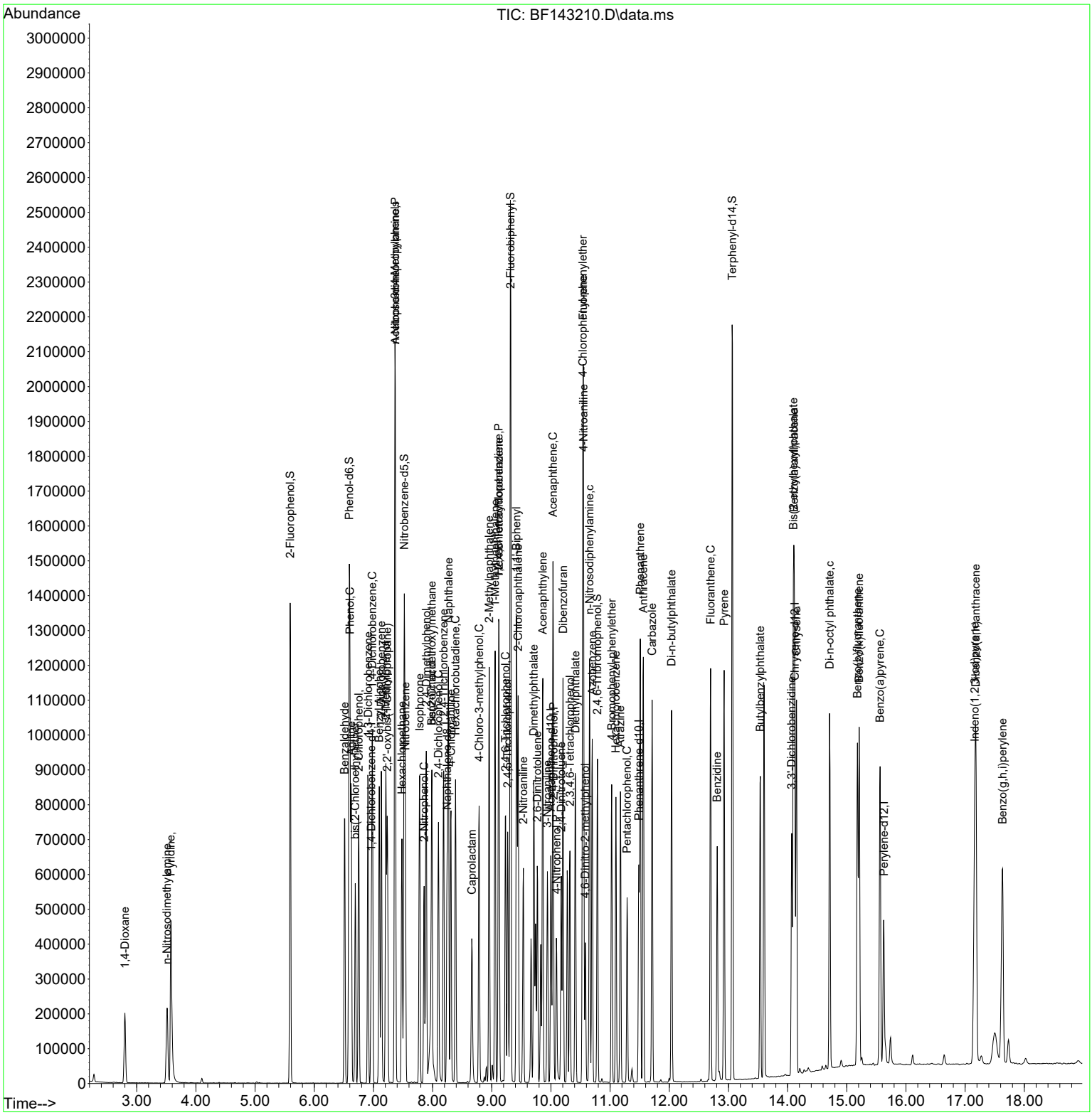
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	150645	40.211	ng		98
46) 1,1'-Biphenyl	9.416	154	576976	39.454	ng		100
47) 2-Chloronaphthalene	9.445	162	421533	38.957	ng		99
48) 2-Nitroaniline	9.533	65	139765	41.188	ng		99
49) Acenaphthylene	9.863	152	707016	38.989	ng		100
50) Dimethylphthalate	9.710	163	482643	39.503	ng		100
51) 2,6-Dinitrotoluene	9.769	165	101938	41.014	ng		96
52) Acenaphthene	10.033	154	424478	39.605	ng		99
53) 3-Nitroaniline	9.939	138	120421	41.423	ng		98
54) 2,4-Dinitrophenol	10.045	184	45389	43.601	ng	#	50
55) Dibenzofuran	10.204	168	625794	39.327	ng		100
56) 4-Nitrophenol	10.092	139	90214	41.556	ng		97
57) 2,4-Dinitrotoluene	10.175	165	135422	43.429	ng		96
58) Fluorene	10.545	166	476175	39.871	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	111208	35.835	ng		98
60) Diethylphthalate	10.416	149	478128	39.593	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	238049	40.030	ng		98
62) 4-Nitroaniline	10.551	138	108074	43.376	ng		99
63) Azobenzene	10.698	77	489180	38.867	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	65757	41.322	ng		94
66) n-Nitrosodiphenylamine	10.651	169	413888	37.925	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	142152	38.488	ng		99
68) Hexachlorobenzene	11.098	284	150979	39.109	ng		99
69) Atrazine	11.174	200	126687	42.107	ng		99
70) Pentachlorophenol	11.286	266	83028	36.572	ng		99
71) Phenanthrene	11.510	178	646817	39.306	ng		100
72) Anthracene	11.563	178	667319	39.761	ng		100
73) Carbazole	11.710	167	608177	41.500	ng		99
74) Di-n-butylphthalate	12.039	149	733248	44.219	ng		100
75) Fluoranthene	12.698	202	673881	44.615	ng		99
77) Benzidine	12.810	184	357711	40.712	ng		98
78) Pyrene	12.927	202	676567	34.761	ng		99
80) Butylbenzylphthalate	13.539	149	280954	47.140	ng		97
81) Benzo(a)anthracene	14.110	228	581201	38.065	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	196307	38.576	ng		100
83) Chrysene	14.151	228	547436	39.878	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	392081	43.463	ng		99
85) Di-n-octyl phthalate	14.710	149	657230	40.193	ng		99
87) Indeno(1,2,3-cd)pyrene	17.162	276	665501	38.487	ng		99
88) Benzo(b)fluoranthene	15.180	252	626496	41.819	ng		99
89) Benzo(k)fluoranthene	15.210	252	489587	36.623	ng		100
90) Benzo(a)pyrene	15.562	252	543505	39.377	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	544233	38.668	ng		99
92) Benzo(g,h,i)perylene	17.633	276	538105	39.524	ng		99

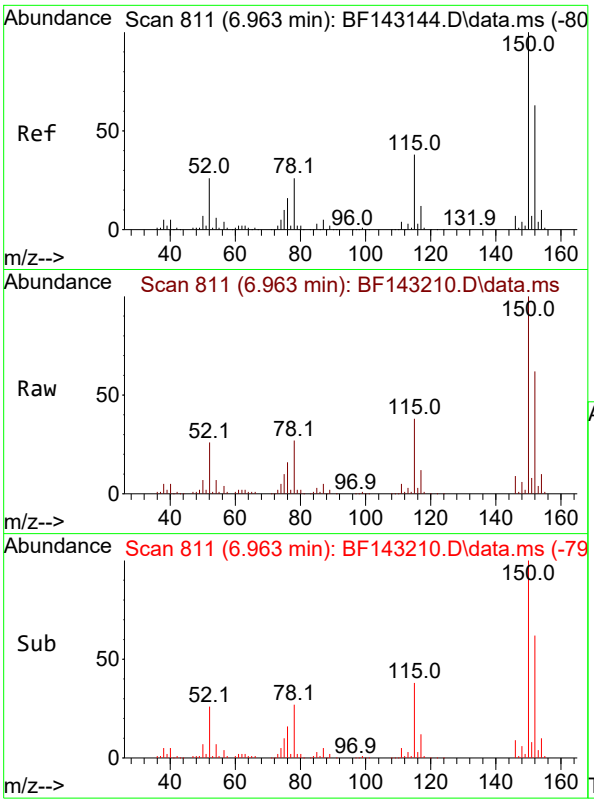
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



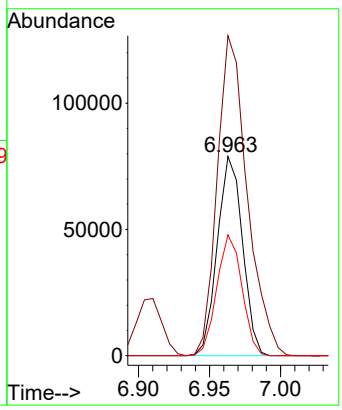


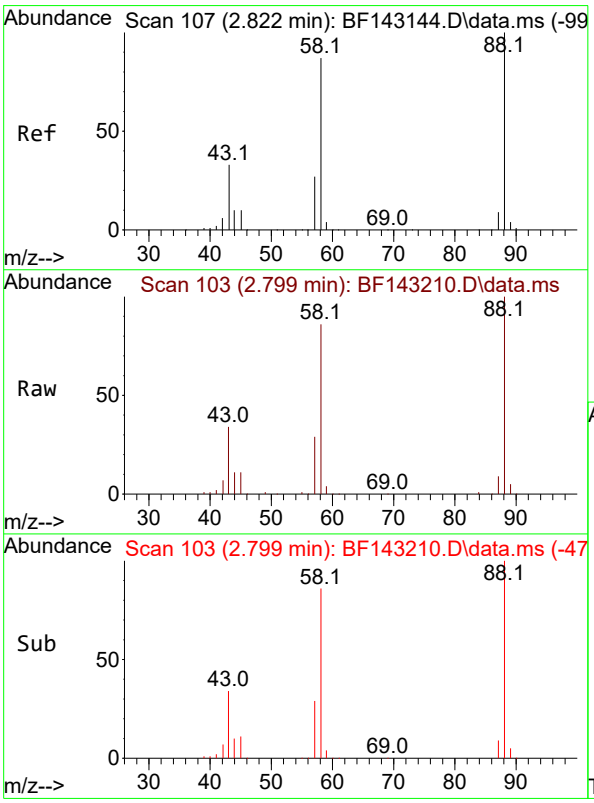
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 97351

Ion	Ratio	Lower	Upper
152	100		
150	160.7	128.2	192.4
115	60.7	47.9	71.9

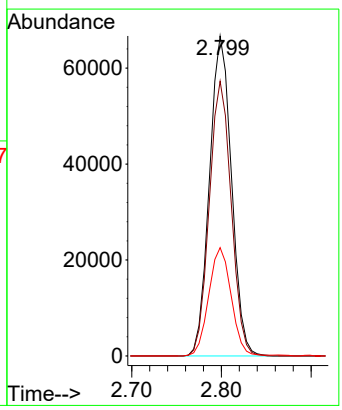


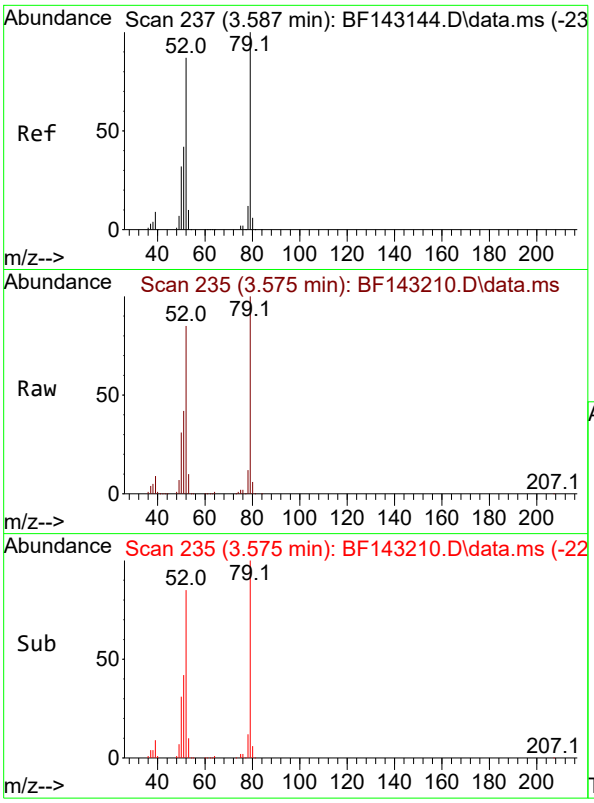


#2
1,4-Dioxane
Concen: 39.043 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 88 Resp: 113651

Ion	Ratio	Lower	Upper
88	100		
58	85.3	70.2	105.2
43	34.6	27.1	40.7



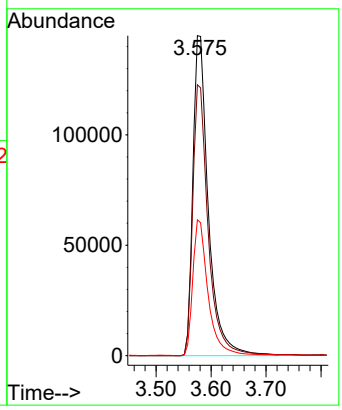


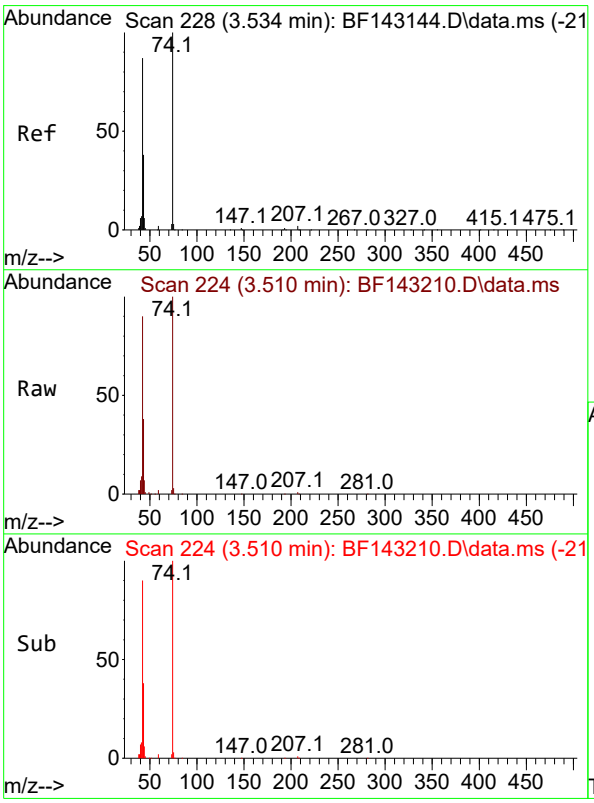
#3
Pyridine
Concen: 37.501 ng
RT: 3.575 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 283334

Ion	Ratio	Lower	Upper
79	100		
52	84.7	69.4	104.2
51	42.4	33.5	50.3

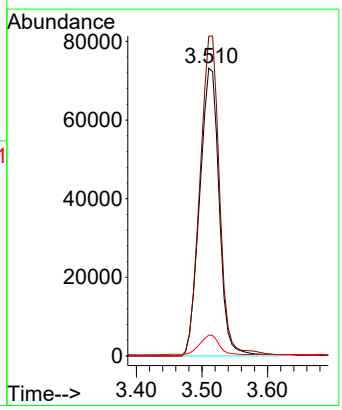


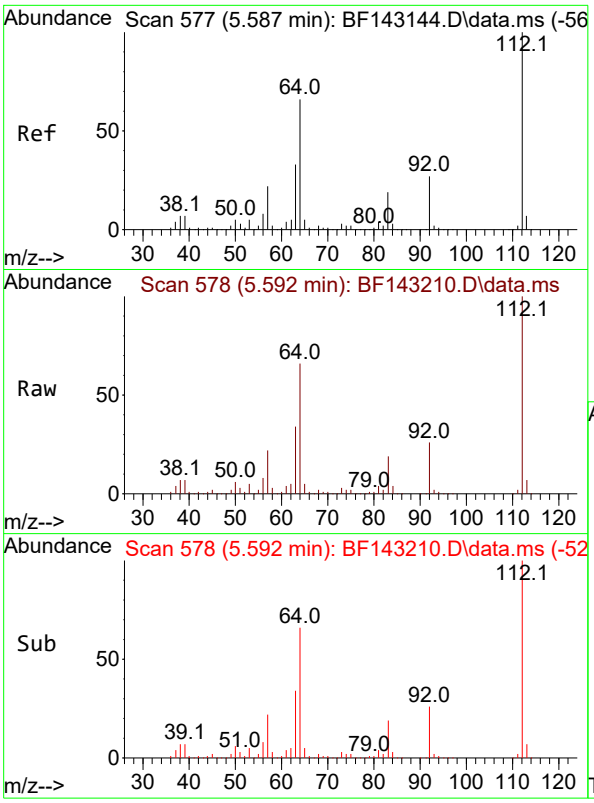


#4
n-Nitrosodimethylamine
Concen: 38.857 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 42 Resp: 151578

Ion	Ratio	Lower	Upper
42	100		
74	111.1	91.7	137.5
44	7.3	5.6	8.4



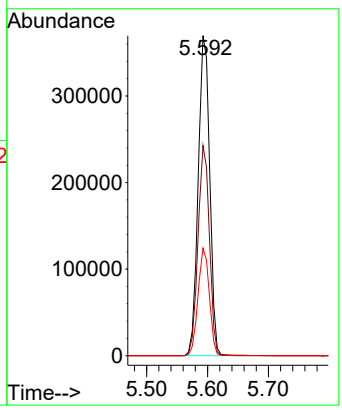


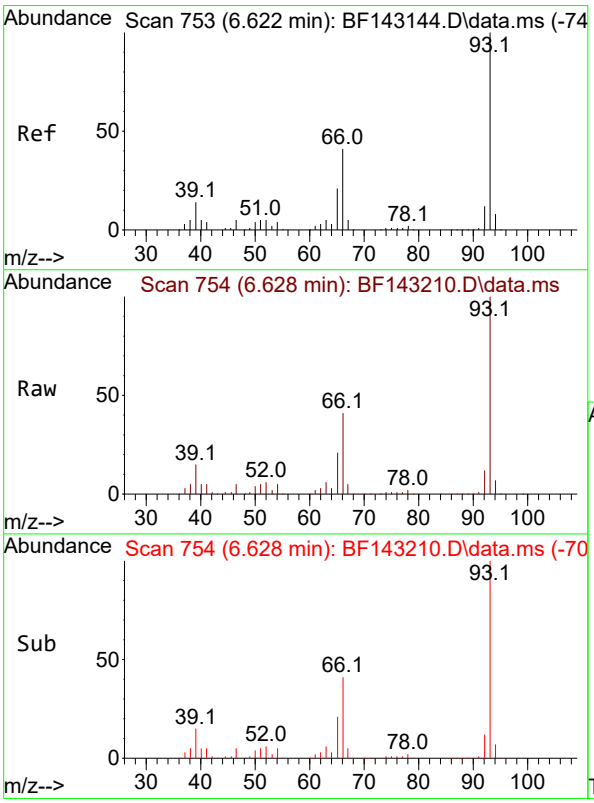
#5
2-Fluorophenol
Concen: 78.697 ng
RT: 5.592 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 484136

Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.1	79.7
63	33.5	26.6	40.0

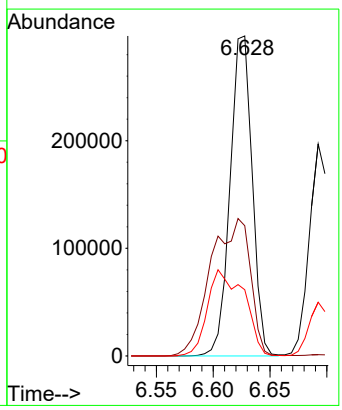


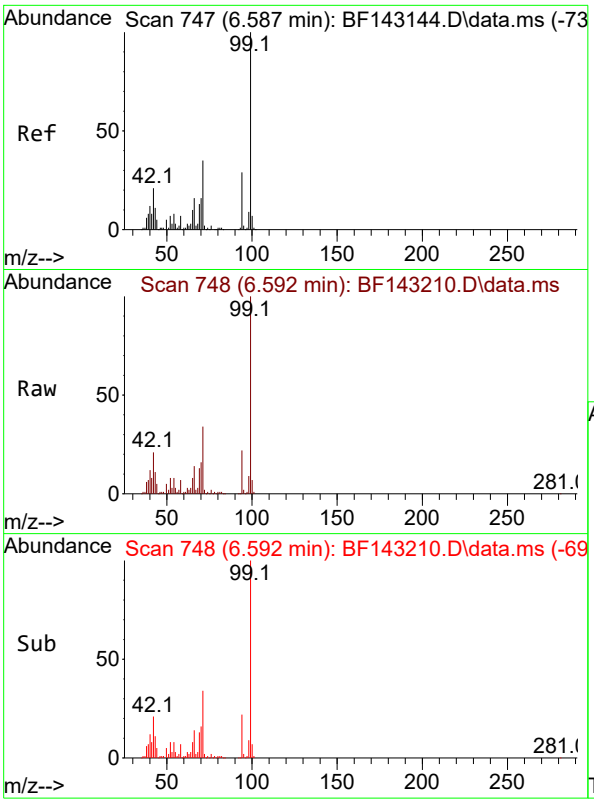


#6
Aniline
Concen: 37.330 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 402849

Ion	Ratio	Lower	Upper
93	100		
66	40.7	33.2	49.8
65	20.7	16.9	25.3



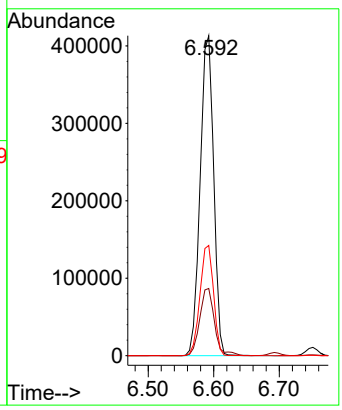


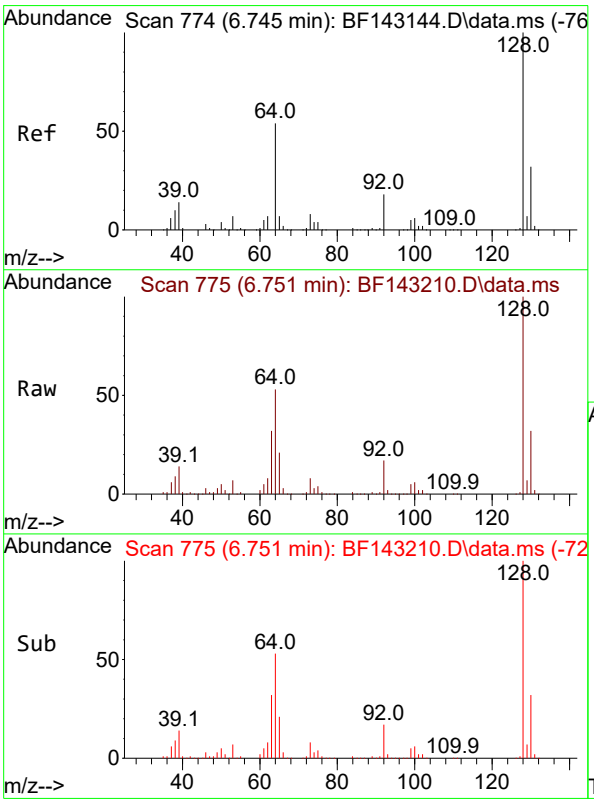
#7
Phenol-d6
Concen: 76.594 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 593088

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	34.5	27.7	41.5

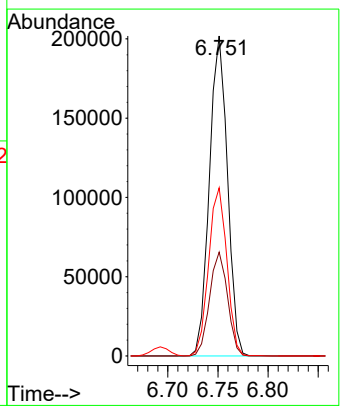


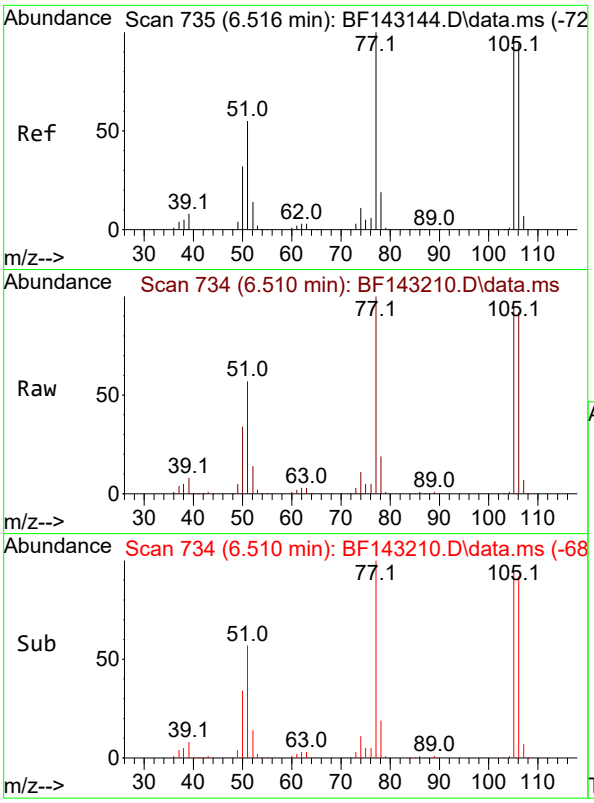


#8
2-Chlorophenol
Concen: 39.203 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:128 Resp: 252794

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	52.6	35.9	75.9



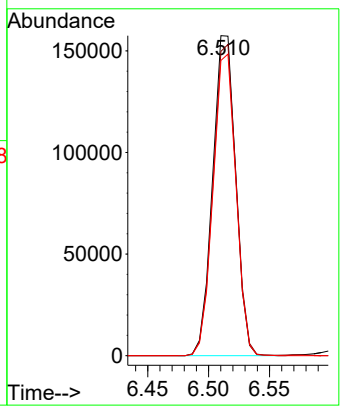


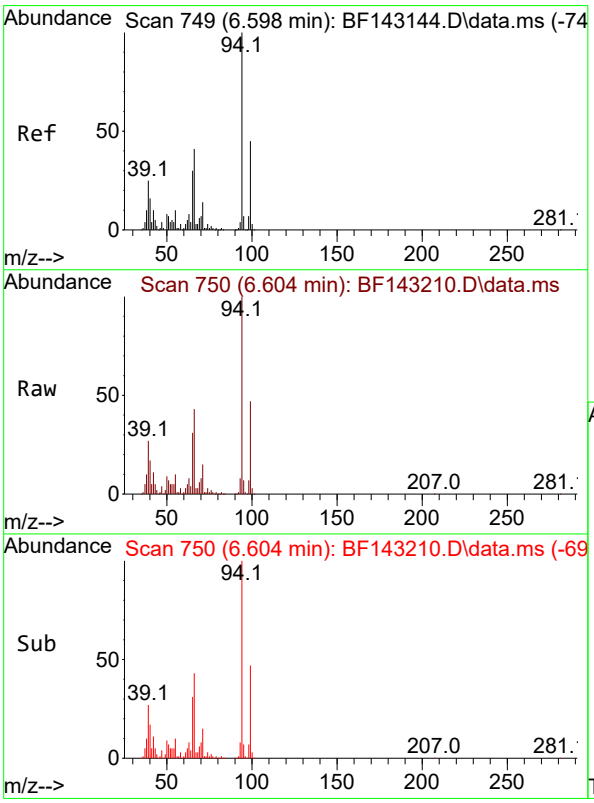
#9
Benzaldehyde
Concen: 35.749 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 207569

Ion	Ratio	Lower	Upper
77	100		
105	95.1	76.8	116.8
106	92.3	74.4	114.4

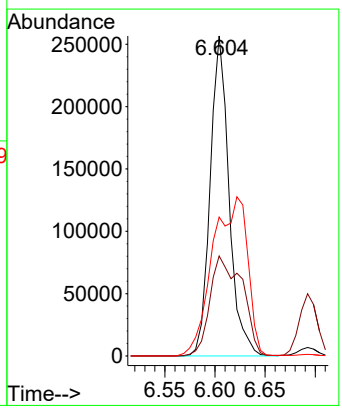


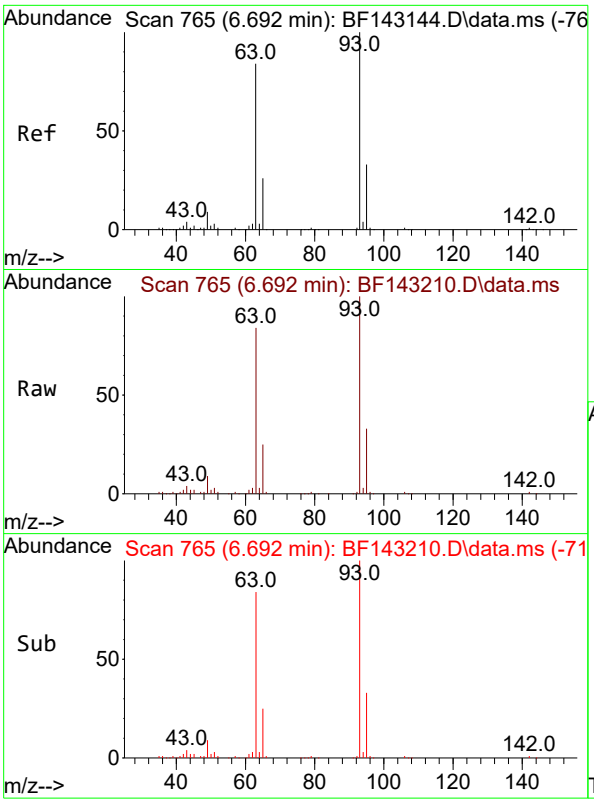


#10
Phenol
Concen: 39.837 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 94 Resp: 336045

Ion	Ratio	Lower	Upper
94	100		
65	31.2	10.0	50.0
66	43.4	20.8	60.8



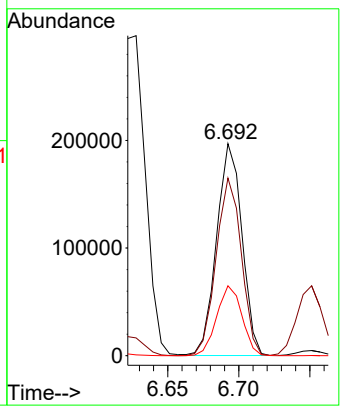


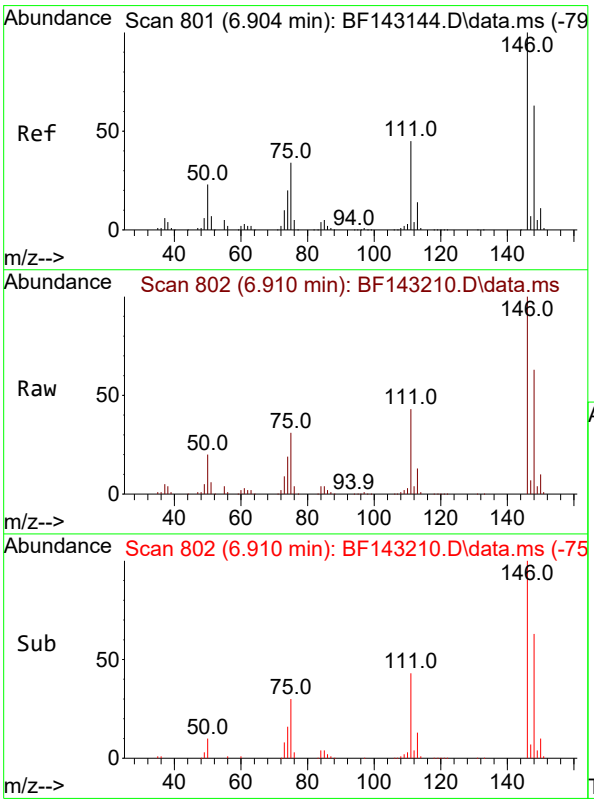
#11
bis(2-Chloroethyl)ether
Concen: 37.812 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 244219

Ion	Ratio	Lower	Upper
93	100		
63	83.8	63.4	103.4
95	33.0	12.4	52.4

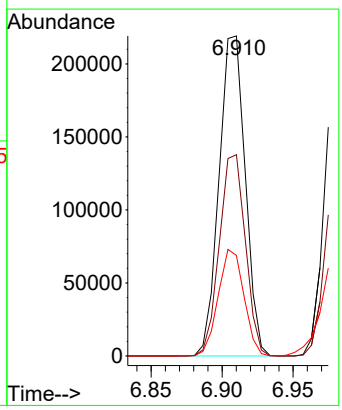


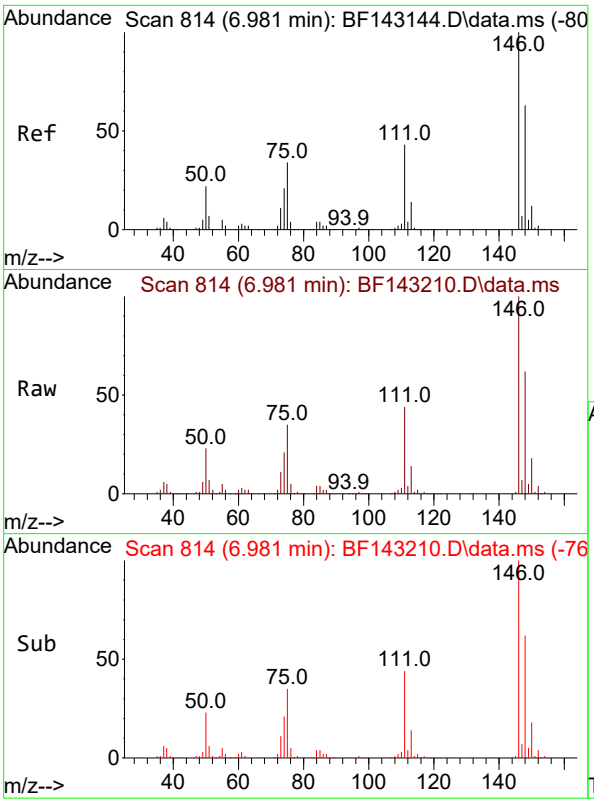


#12
1,3-Dichlorobenzene
Concen: 40.124 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 281071

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
75	31.4	27.4	41.2



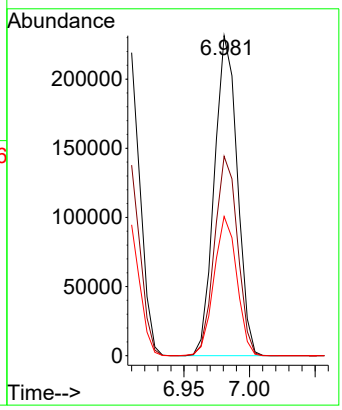


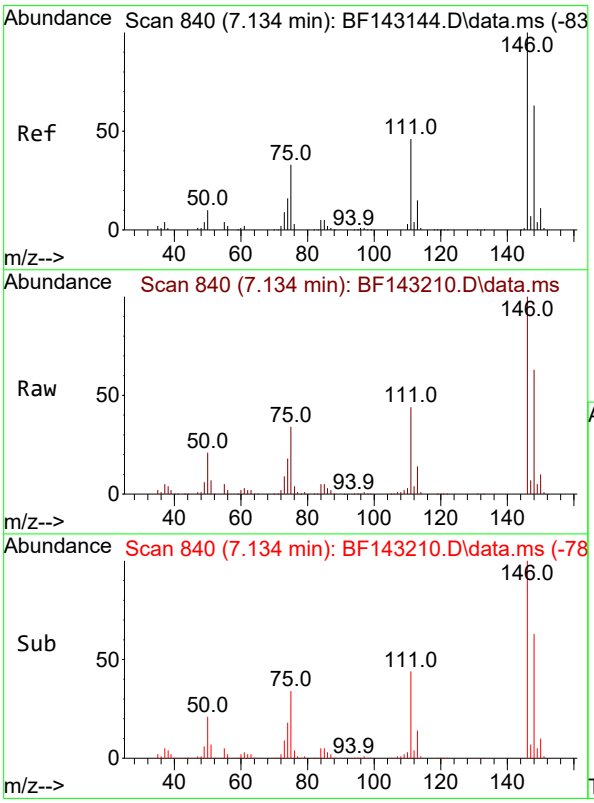
#13
1,4-Dichlorobenzene
Concen: 39.792 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 280709

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.3	75.5
111	43.5	34.4	51.6

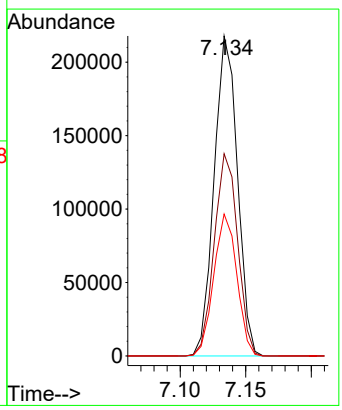


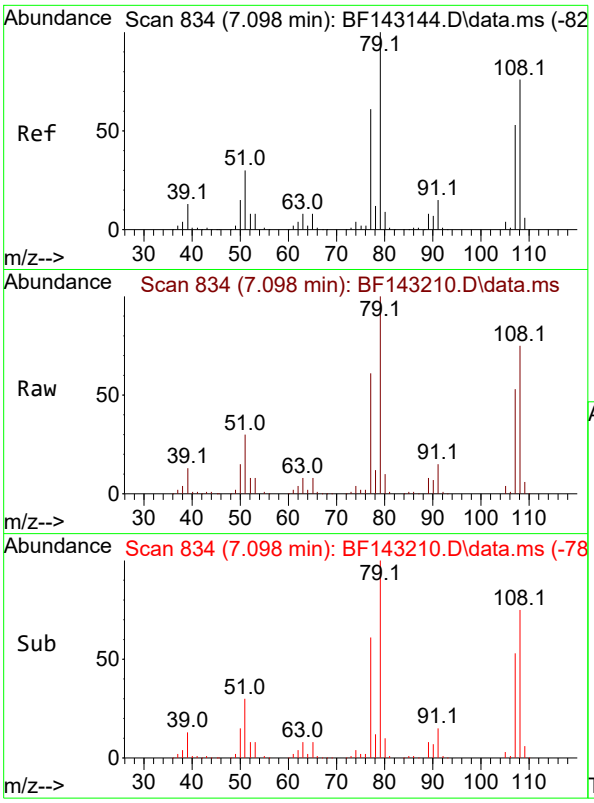


#14
1,2-Dichlorobenzene
Concen: 40.116 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 269162

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	44.3	36.6	54.8



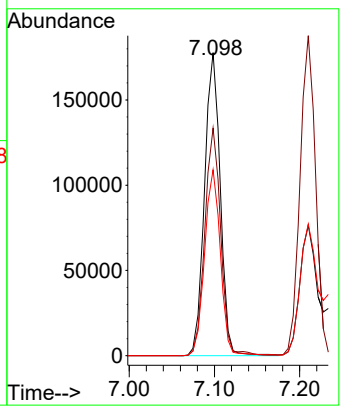


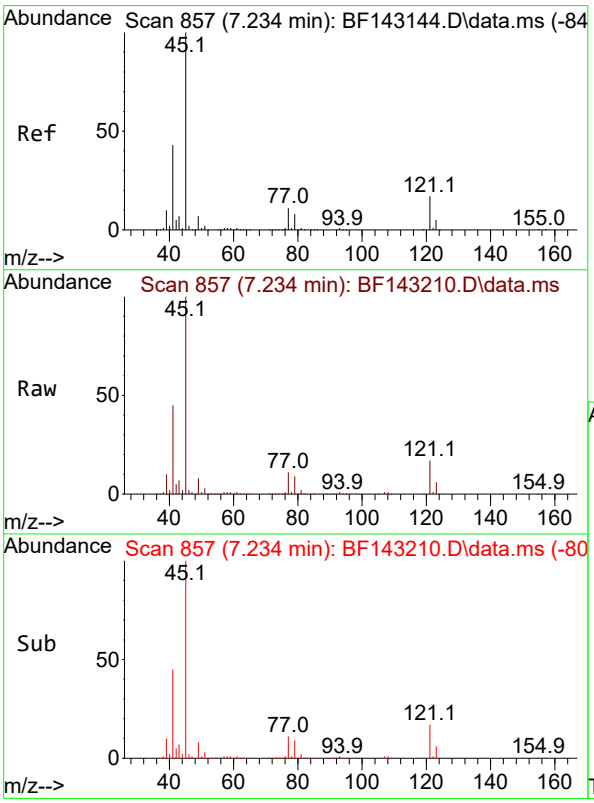
#15
Benzyl Alcohol
Concen: 38.639 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 228448

Ion	Ratio	Lower	Upper
79	100		
108	75.1	61.1	91.7
77	61.4	48.9	73.3

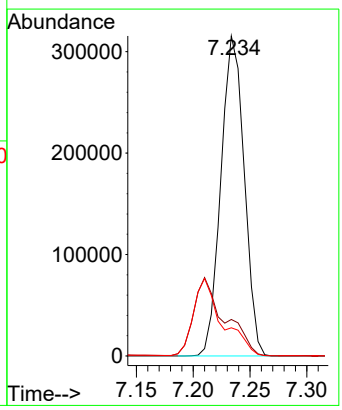


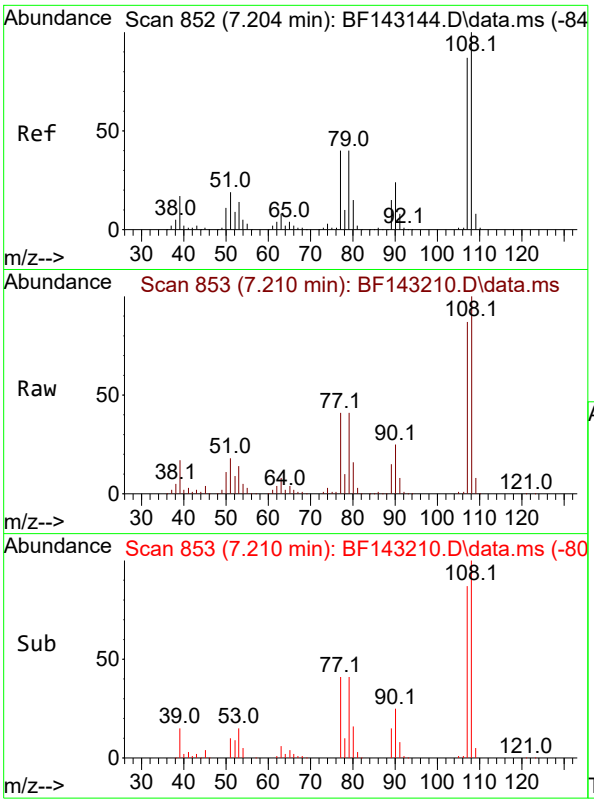


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.612 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 45 Resp: 450642

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.8	0.0	28.5



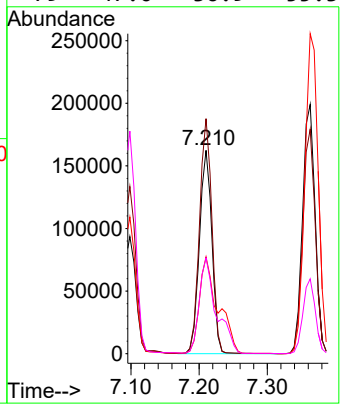


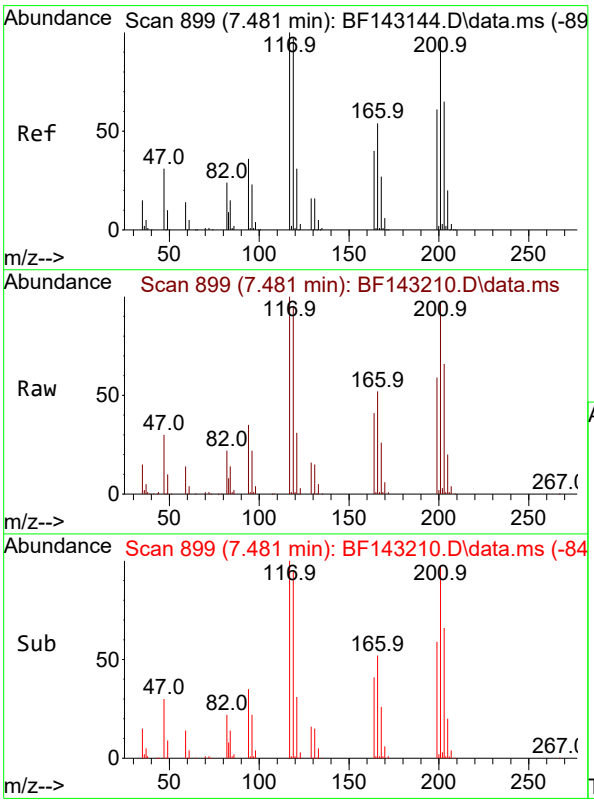
#17
2-Methylphenol
Concen: 38.282 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 207561

Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.8	137.6
77	47.6	37.0	55.6
79	47.0	36.9	55.3

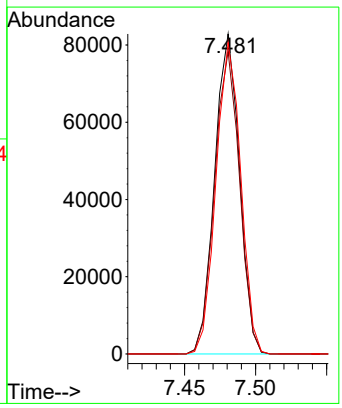


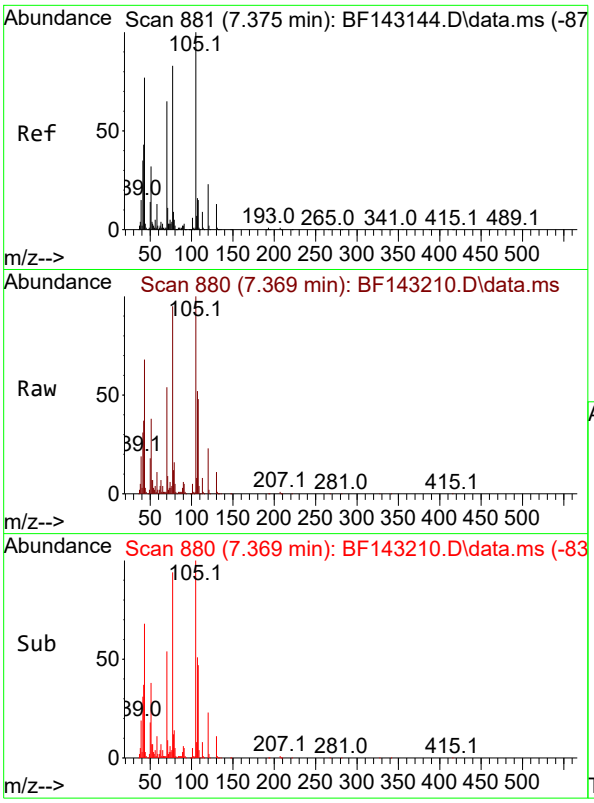


#18
Hexachloroethane
Concen: 41.296 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:117 Resp: 100851

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.8	116.8
201	97.3	77.0	115.4



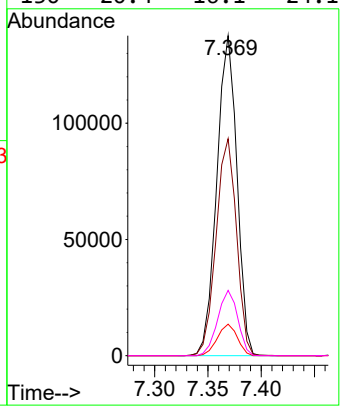


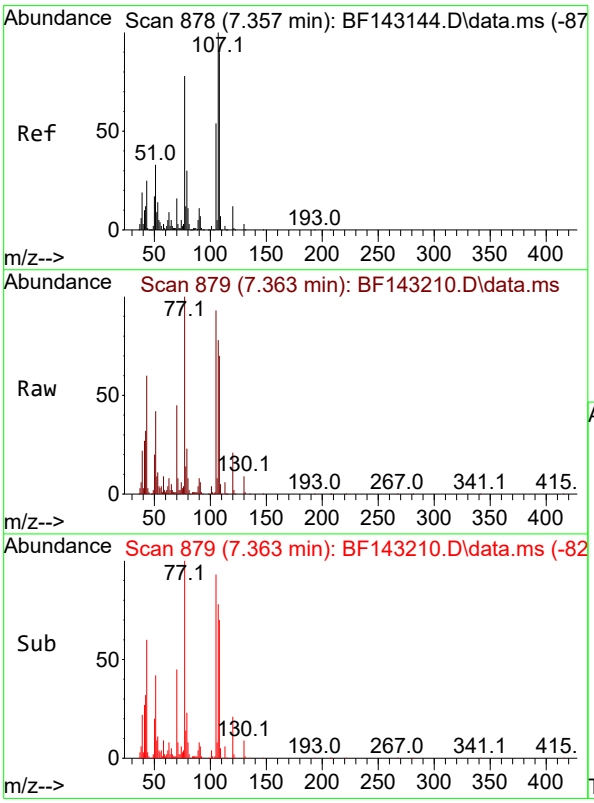
#19
n-Nitroso-di-n-propylamine
Concen: 36.393 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 180795

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1

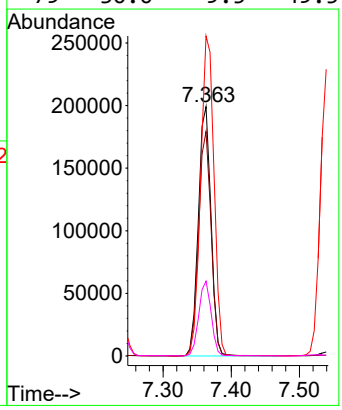


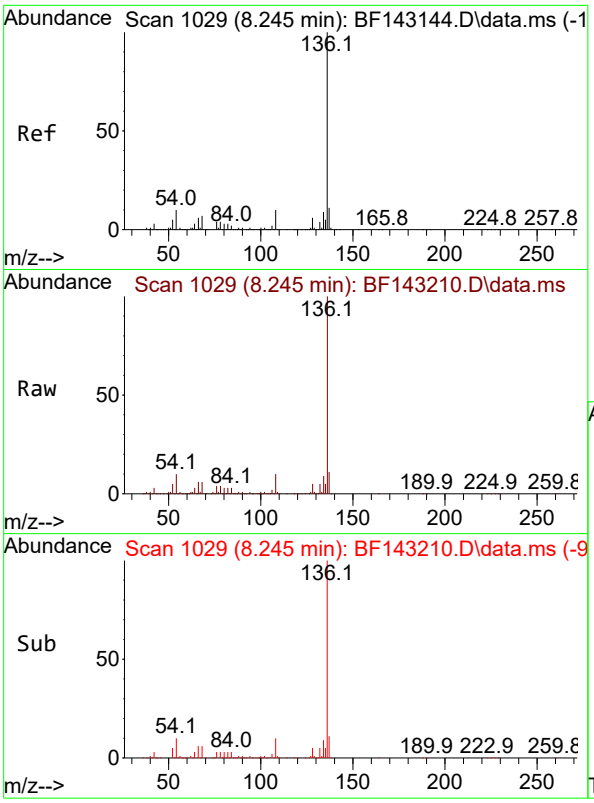


#20
3+4-Methylphenols
Concen: 39.051 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 256887

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	128.3	57.8	97.8#
79	30.0	9.5	49.5



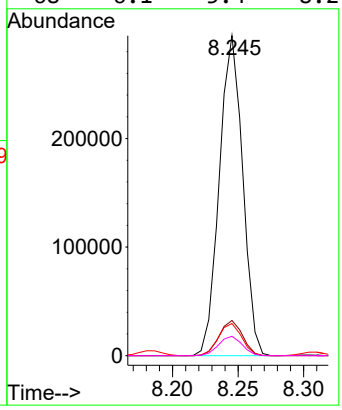


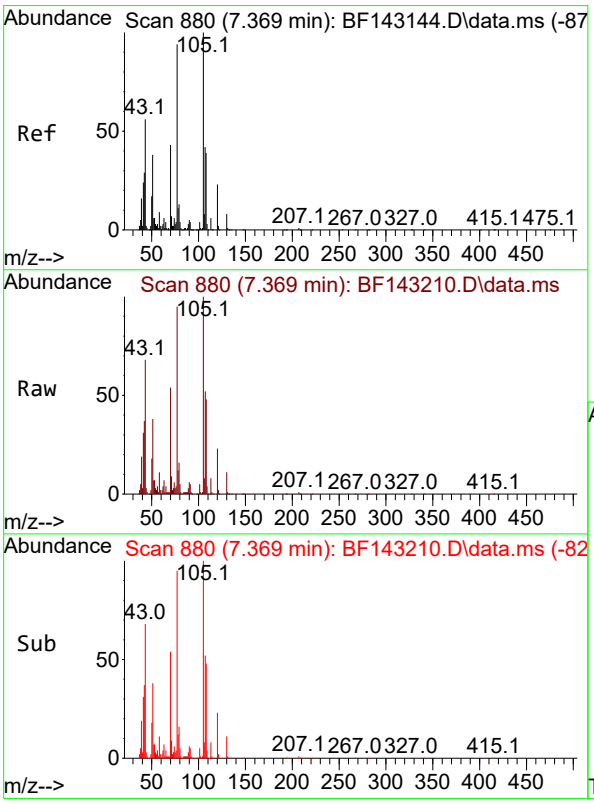
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 364498

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.1	8.2	12.2
68	6.1	5.4	8.2

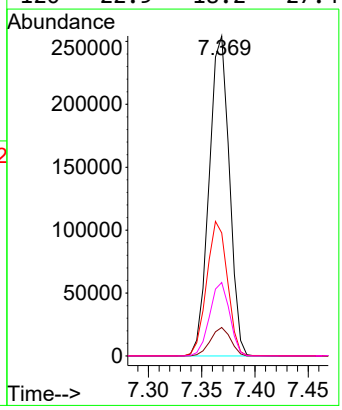


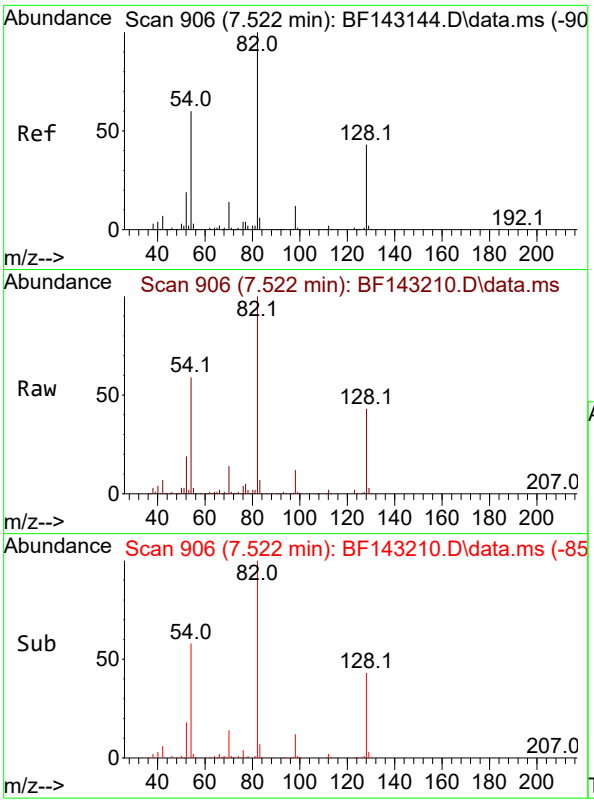


#22
Acetophenone
Concen: 38.853 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:105 Resp: 335287

Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.8	8.6#
51	38.5	30.2	45.2
120	22.9	18.2	27.4



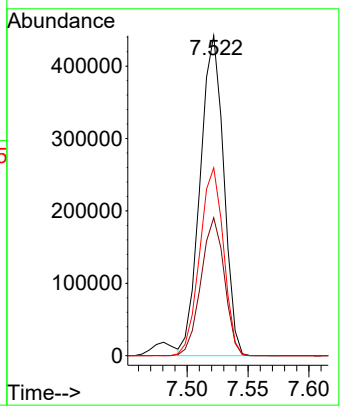


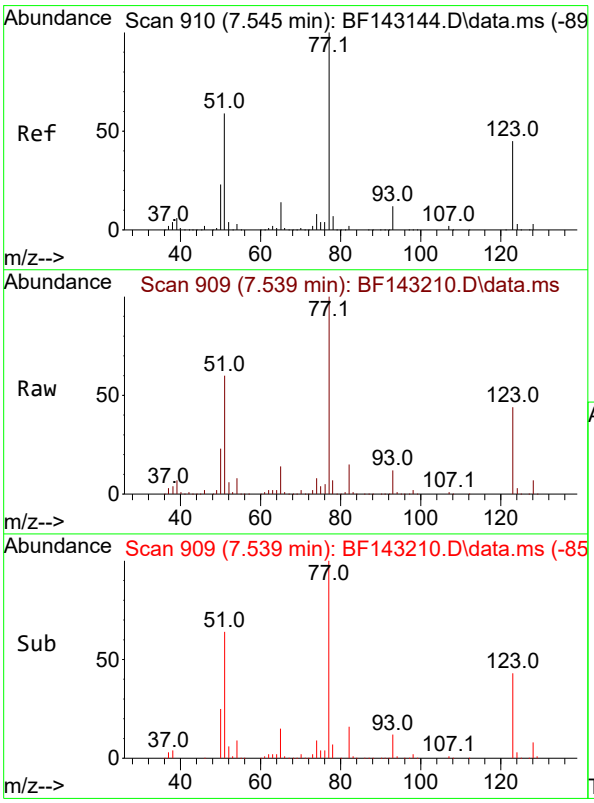
#23
Nitrobenzene-d5
Concen: 81.332 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 594723

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.7	47.1	70.7

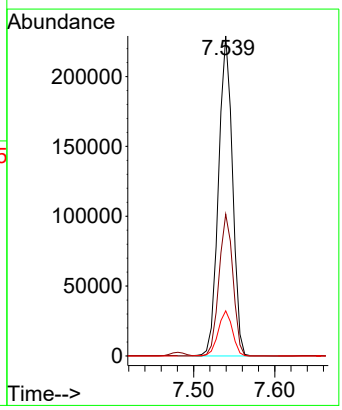


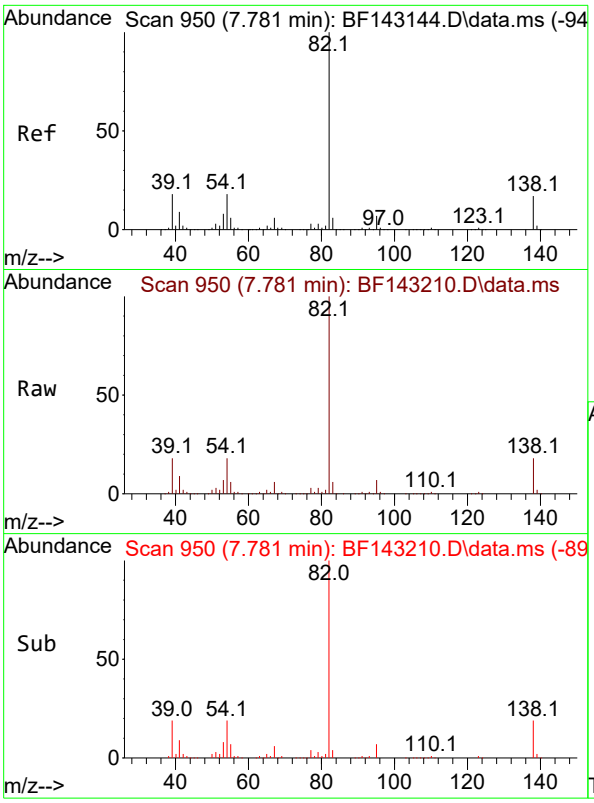


#24
Nitrobenzene
Concen: 40.321 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 77 Resp: 274884

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.1	11.4	17.2



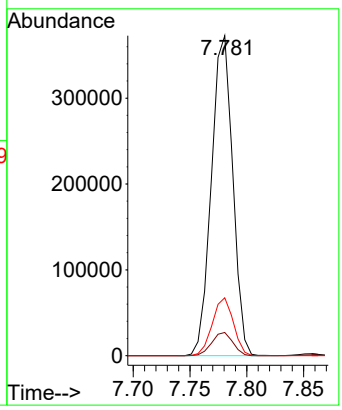


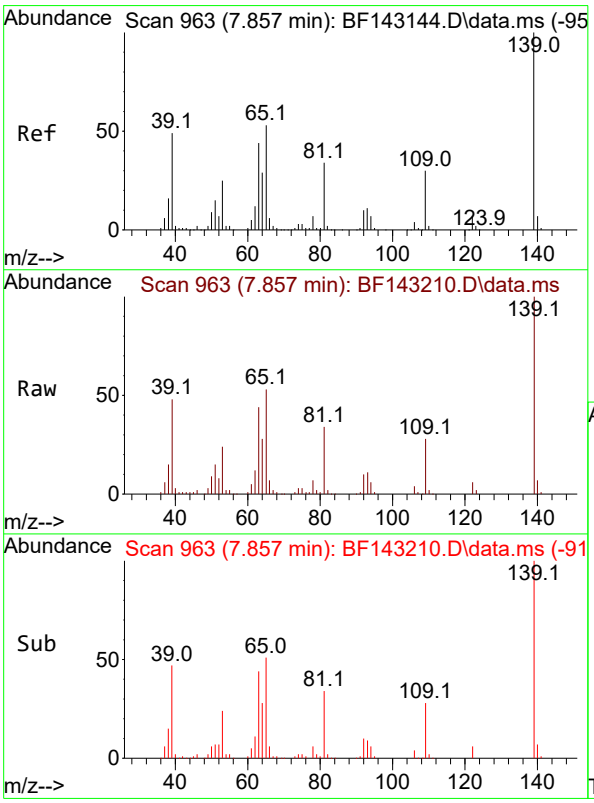
#25
Isophorone
Concen: 37.791 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 487827

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	18.1	13.8	20.8

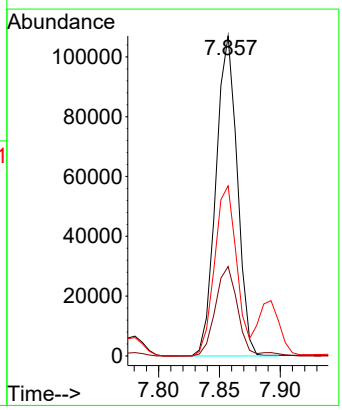


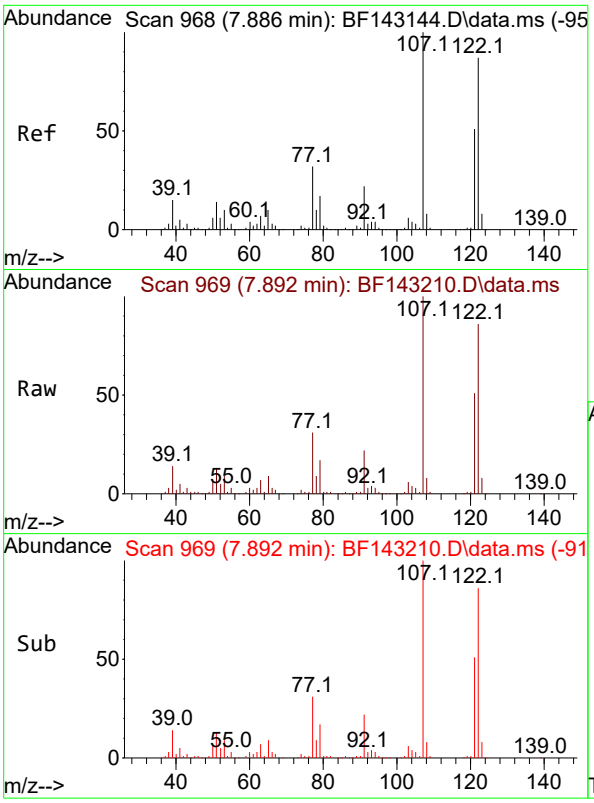


#26
2-Nitrophenol
Concen: 44.072 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 130397

Ion	Ratio	Lower	Upper
139	100		
109	28.0	23.6	35.4
65	53.2	42.6	64.0



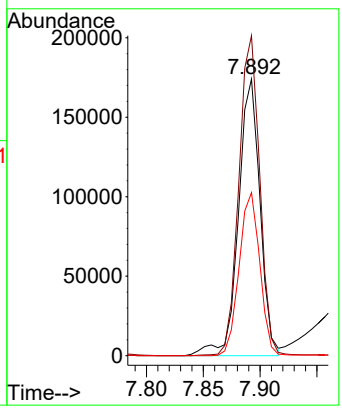


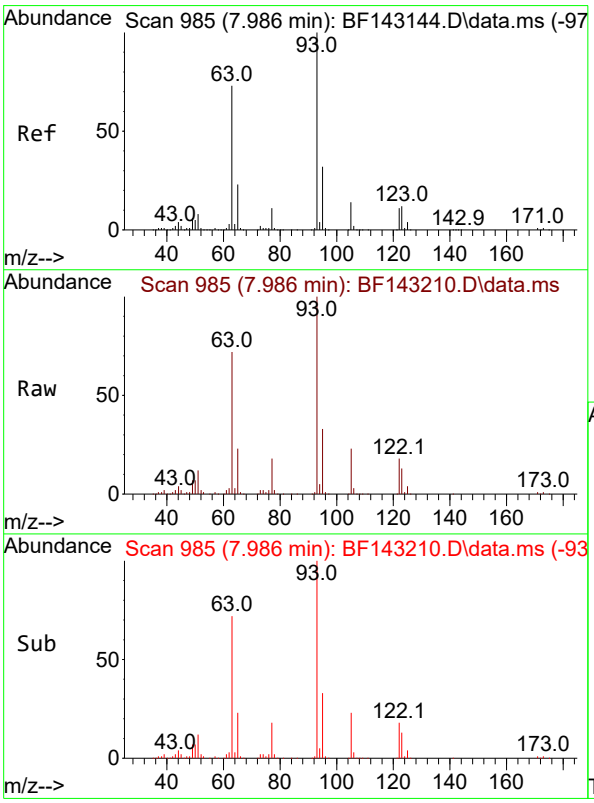
#27
2,4-Dimethylphenol
Concen: 38.169 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 230195

Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.8	137.6
121	58.9	46.3	69.5

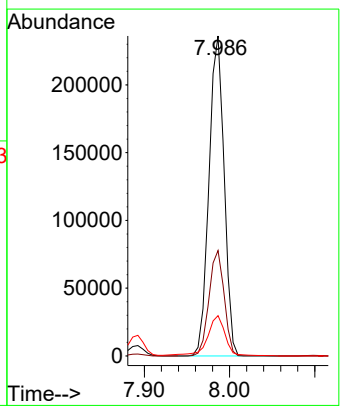


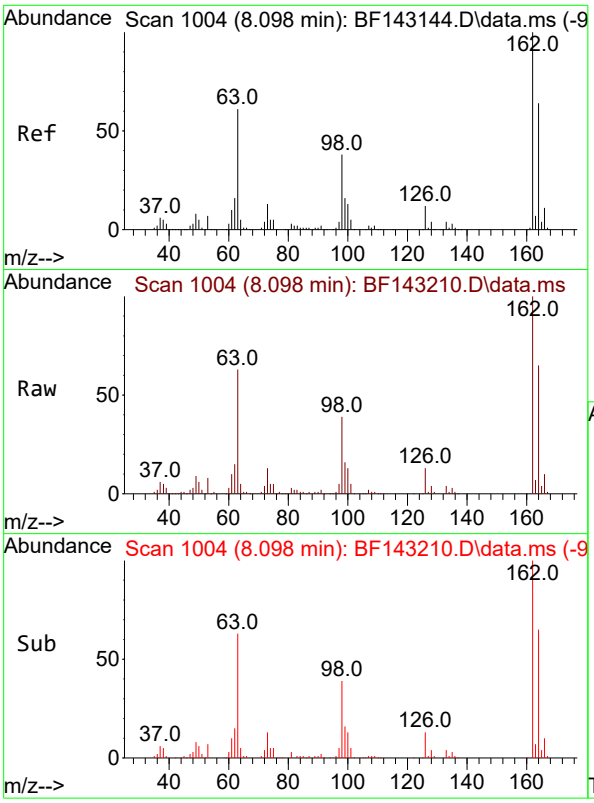


#28
bis(2-Chloroethoxy)methane
Concen: 37.737 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 292069

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.6	9.7	14.5



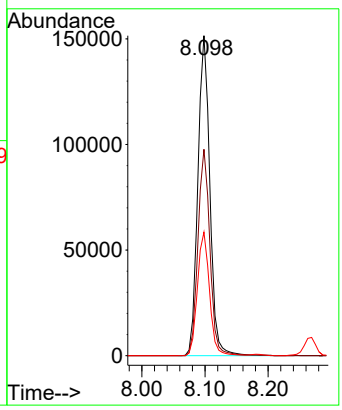


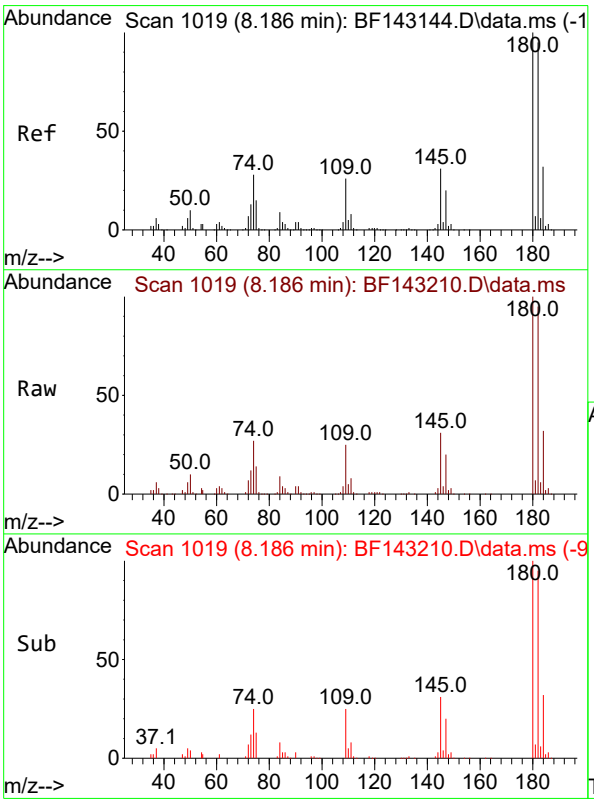
#29
2,4-Dichlorophenol
Concen: 39.391 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 200347

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.2	84.2
98	38.6	17.9	57.9

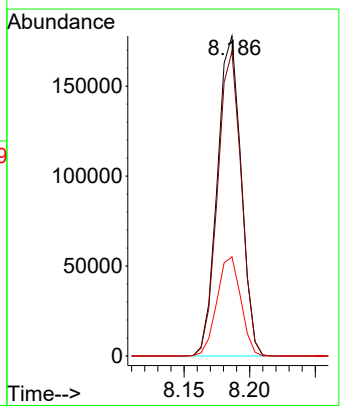


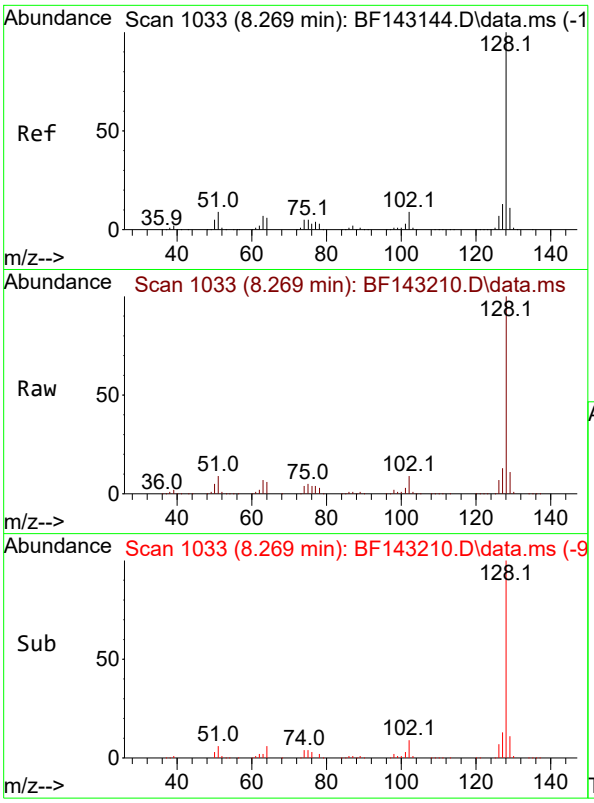


#30
1,2,4-Trichlorobenzene
Concen: 40.763 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:180 Resp: 223983

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	31.0	25.0	37.6



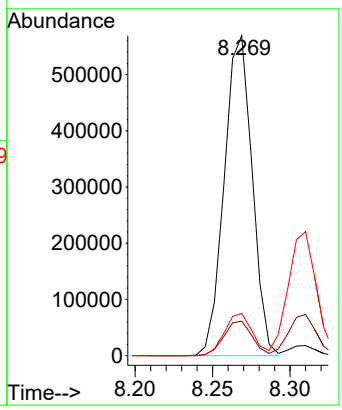


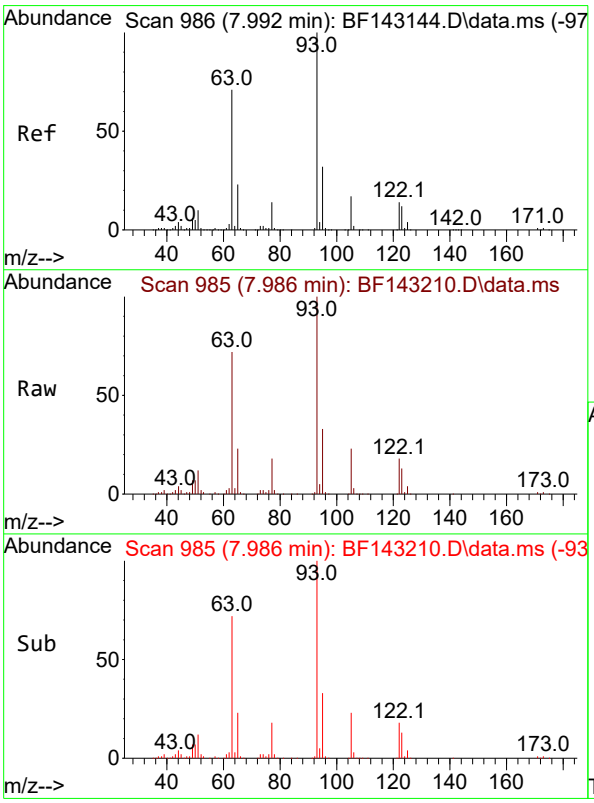
#31
Naphthalene
Concen: 39.723 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 713073

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.2	10.6	16.0

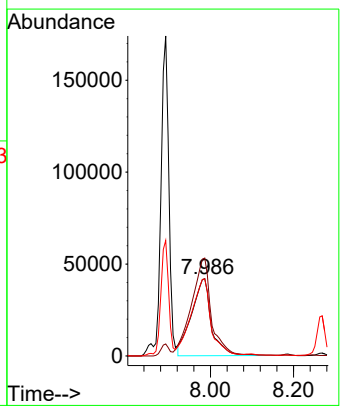


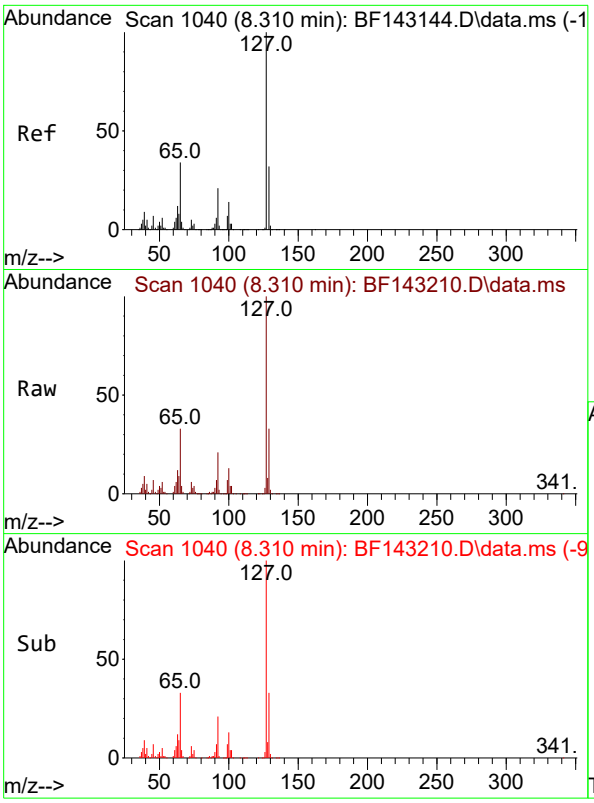


#32
Benzoic acid
Concen: 41.627 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:122 Resp: 138803

Ion	Ratio	Lower	Upper
122	100		
105	126.8	104.8	144.8
77	99.9	77.6	117.6



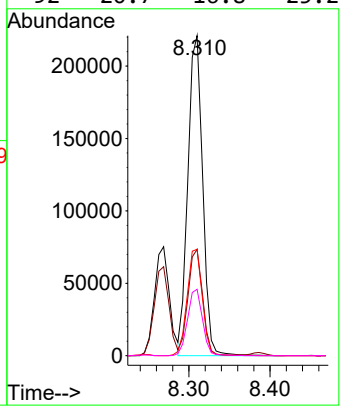


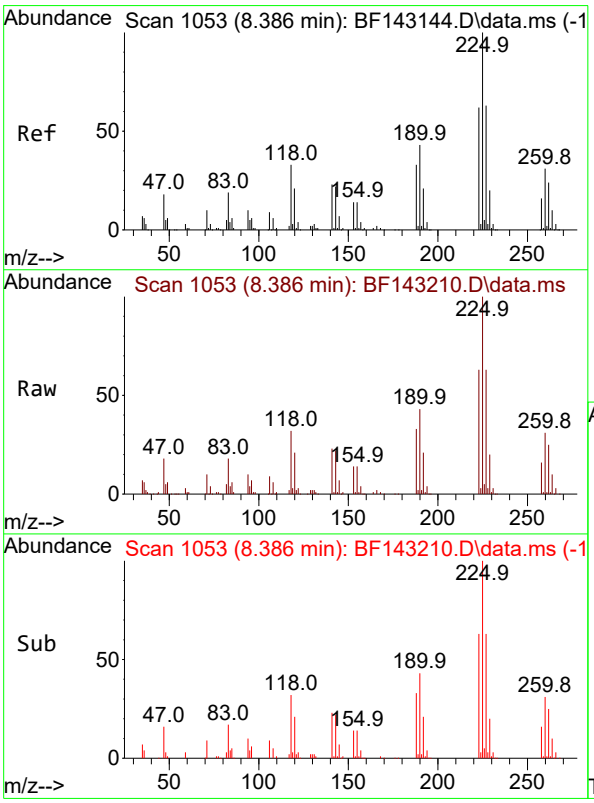
#33
4-Chloroaniline
Concen: 38.259 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 280428

Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	33.2	27.4	41.2
92	20.7	16.8	25.2

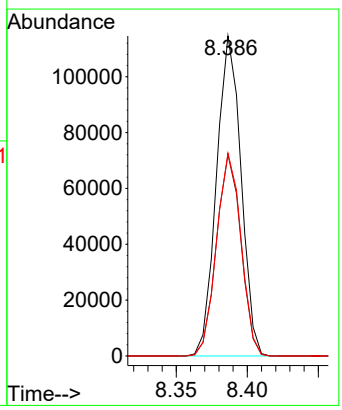


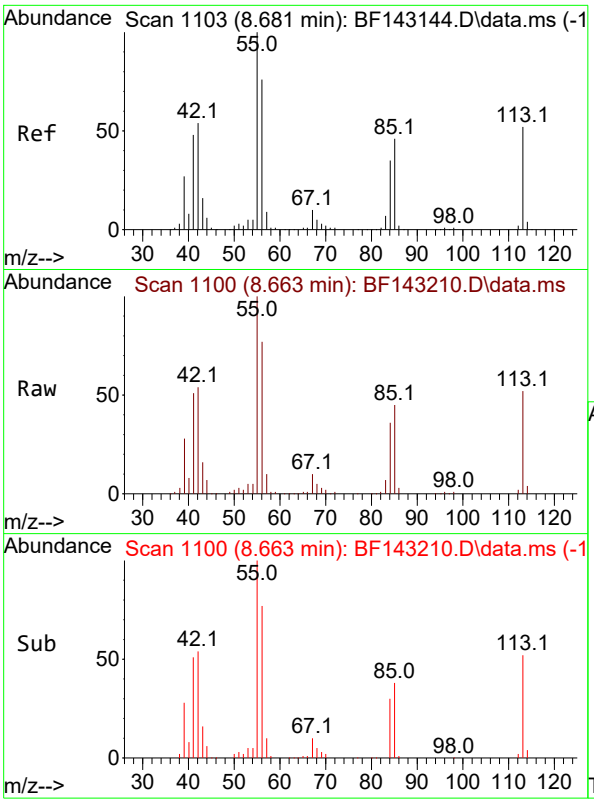


#34
Hexachlorobutadiene
Concen: 40.960 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:225 Resp: 137489

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	63.4	50.2	75.4



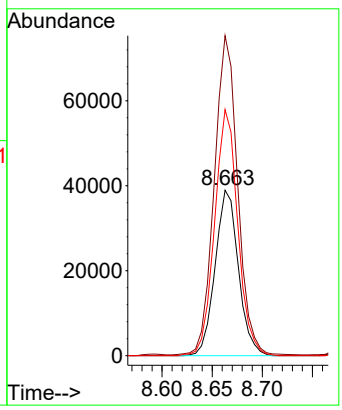


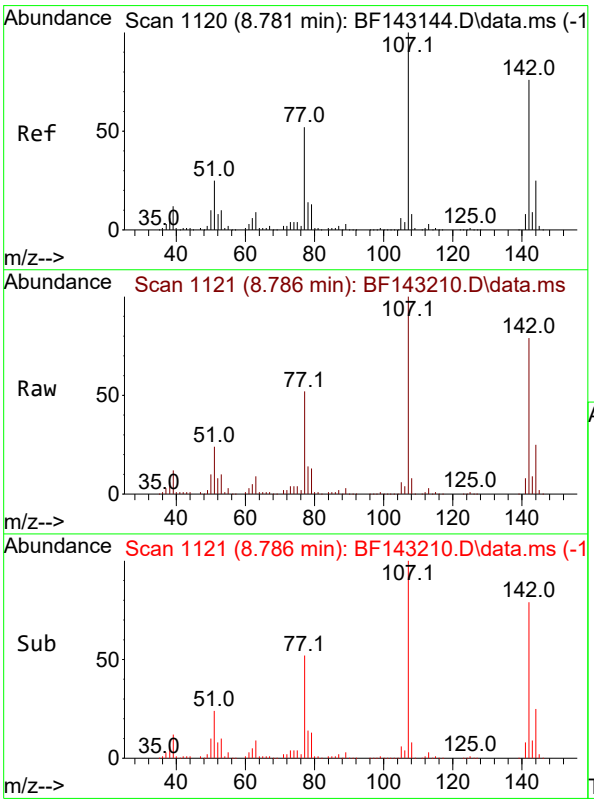
#35
Caprolactam
Concen: 40.895 ng
RT: 8.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 62853

Ion	Ratio	Lower	Upper
113	100		
55	193.5	174.0	214.0
56	148.8	126.6	166.6

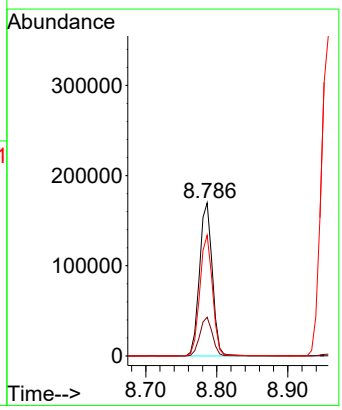


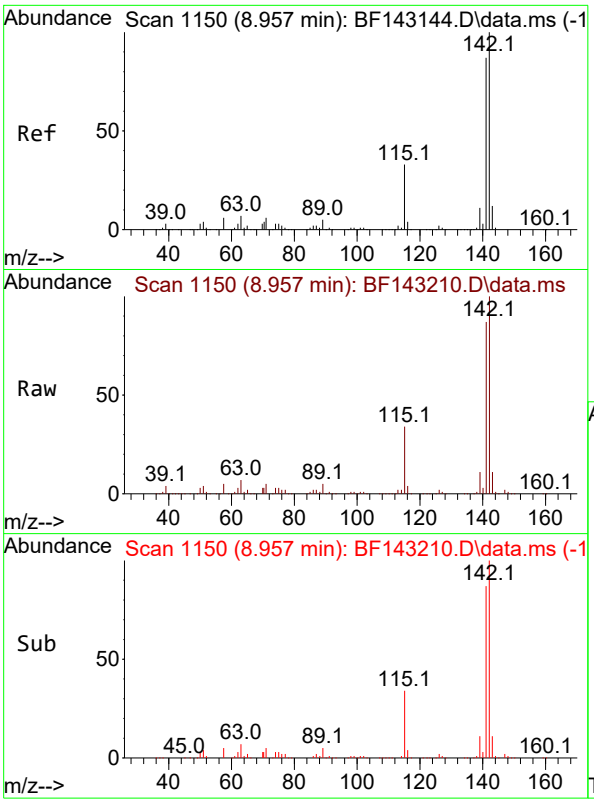


#36
4-Chloro-3-methylphenol
Concen: 38.764 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 214294

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	78.9	60.6	90.8



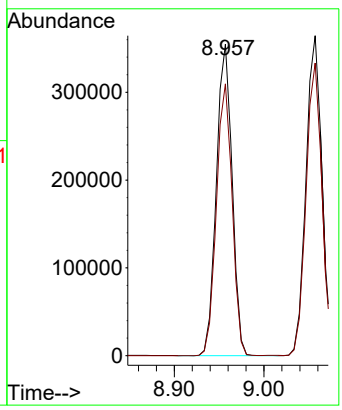


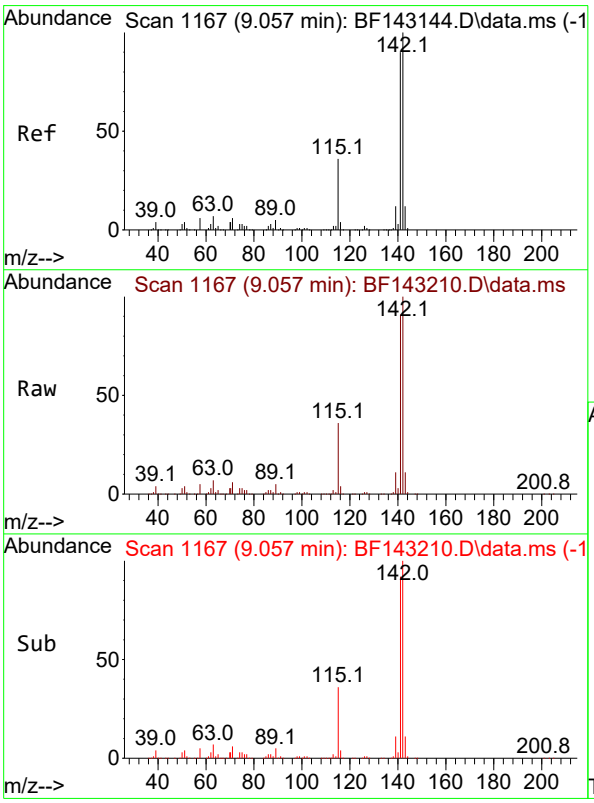
#37
2-Methylnaphthalene
Concen: 39.580 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 432353

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.9	104.9

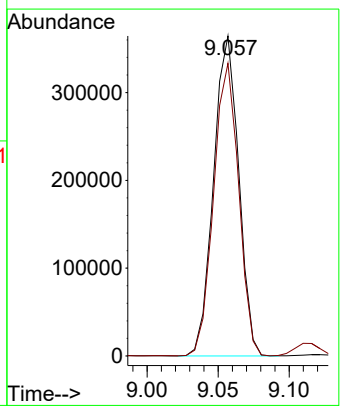


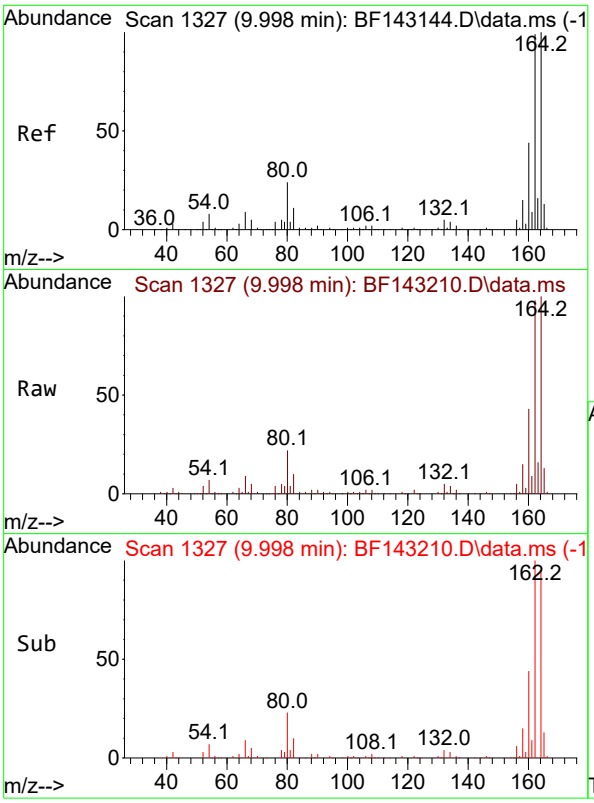


#38
1-Methylnaphthalene
Concen: 39.872 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:142 Resp: 448502

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5



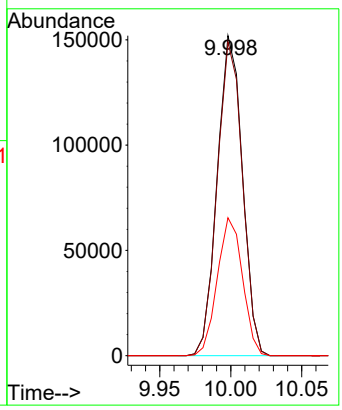


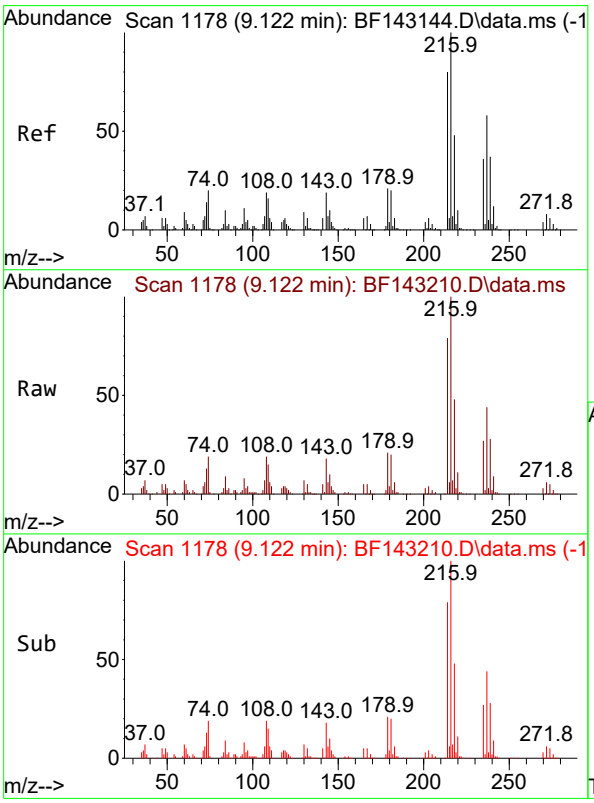
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 187438

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.0	118.6
160	43.1	35.1	52.7

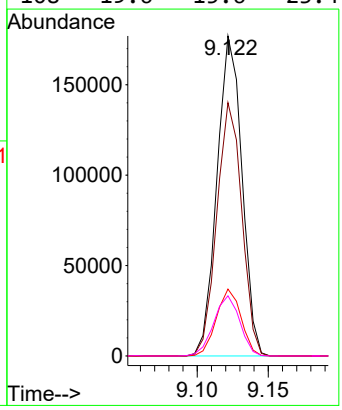


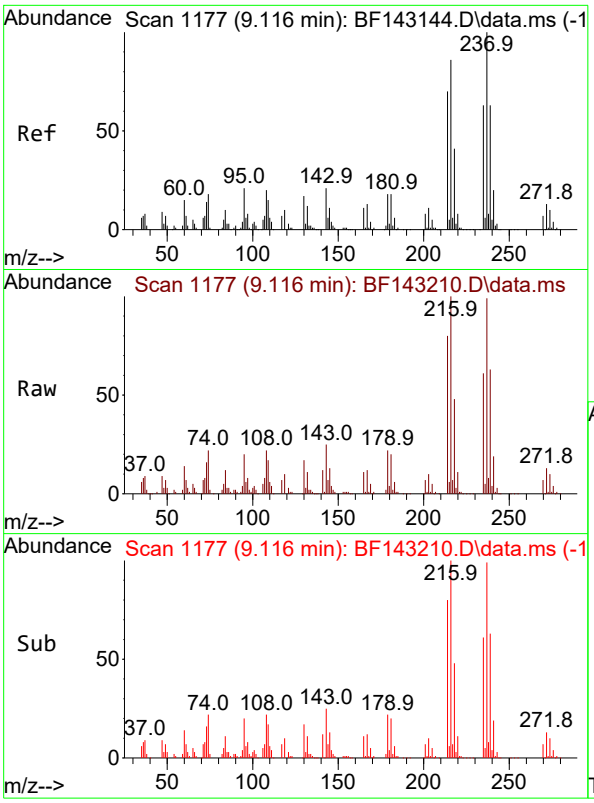


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.956 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:216 Resp: 216223

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	20.7	16.4	24.6
108	19.6	15.6	23.4



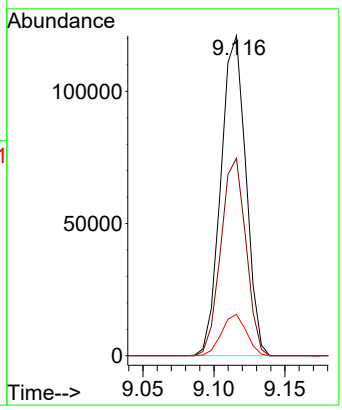


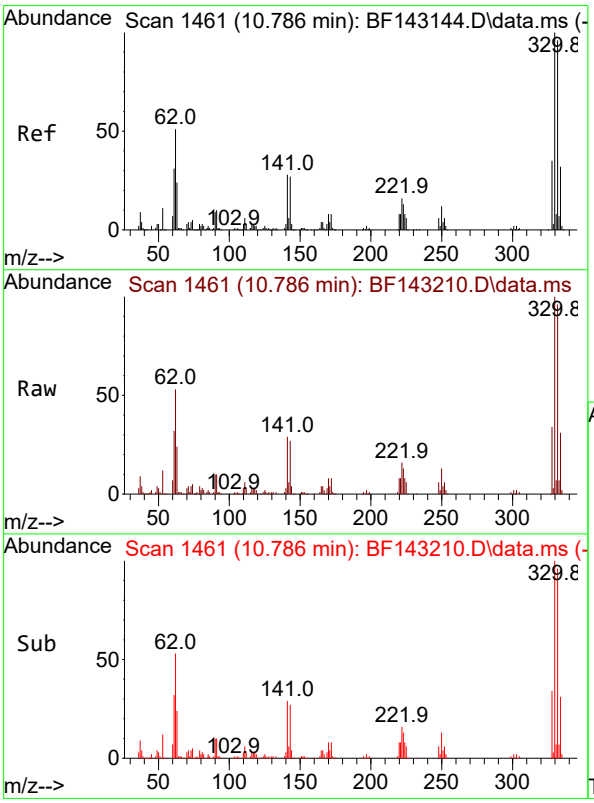
#41
Hexachlorocyclopentadiene
Concen: 42.082 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 148176

Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.0	83.0
272	12.9	0.0	33.3

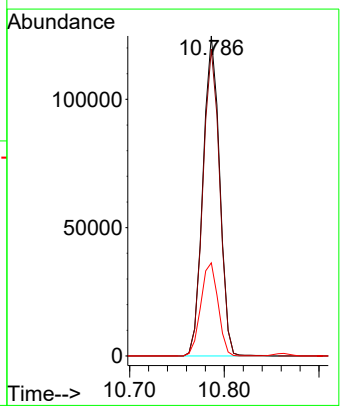


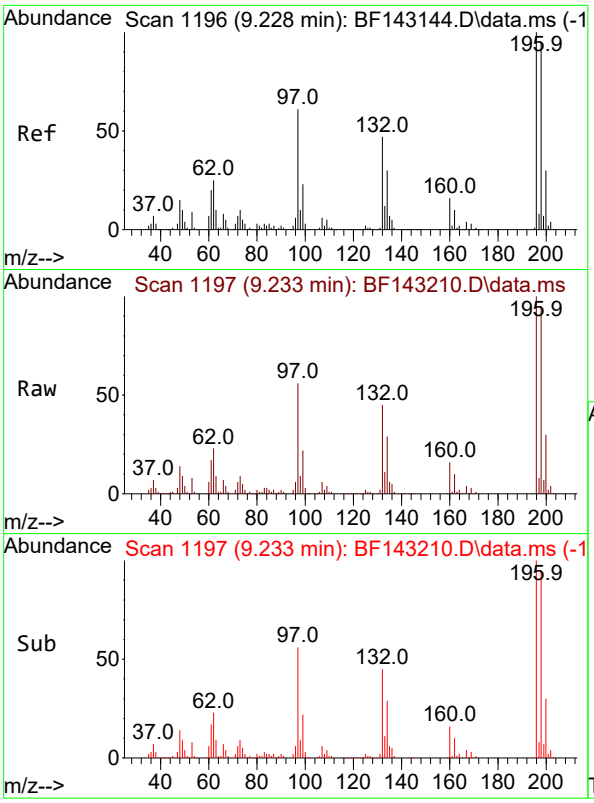


#42
2,4,6-Tribromophenol
Concen: 78.251 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:330 Resp: 151520

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	30.1	23.3	34.9



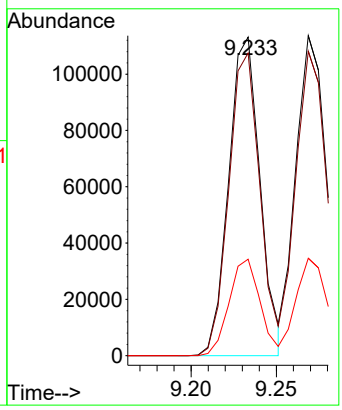


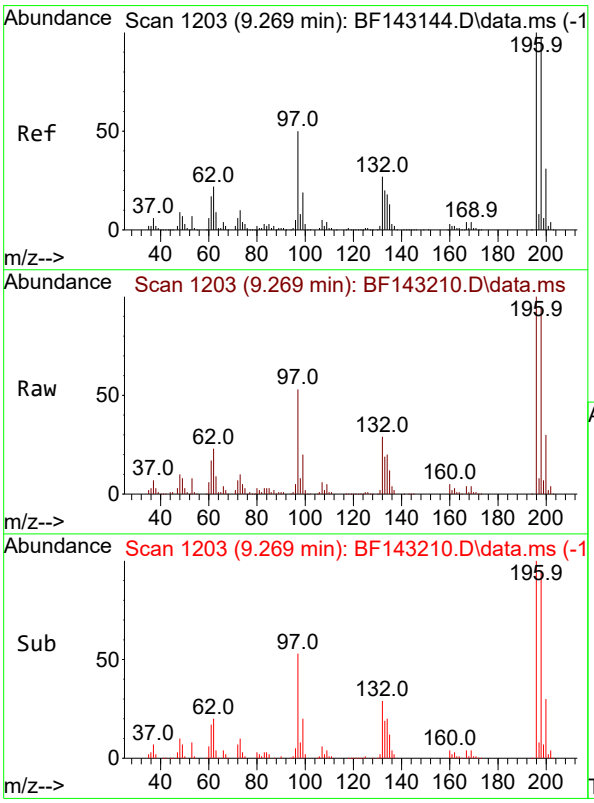
#43
2,4,6-Trichlorophenol
Concen: 38.625 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 144660

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
200	30.3	23.9	35.9

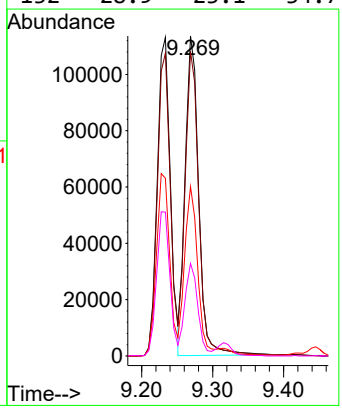


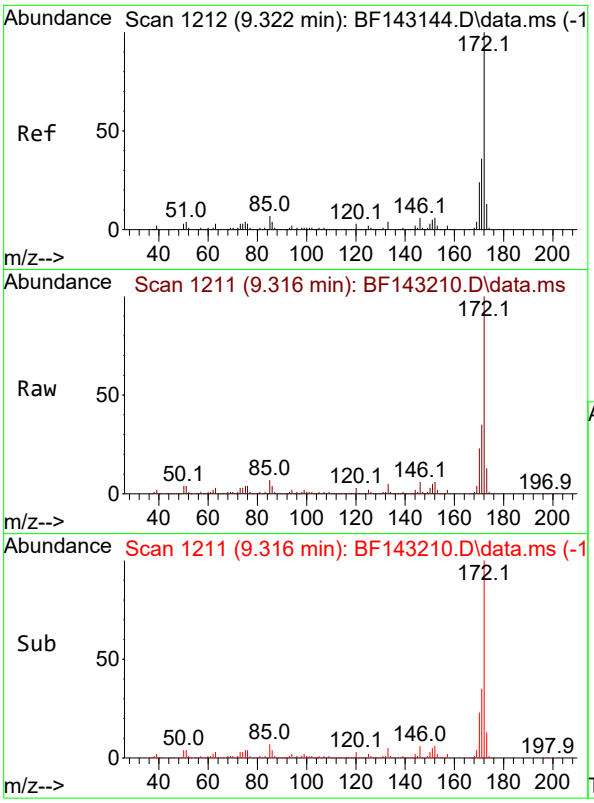


#44
2,4,5-Trichlorophenol
Concen: 40.211 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:196 Resp: 150645

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.3	115.9
97	53.0	40.3	60.5
132	28.9	23.1	34.7



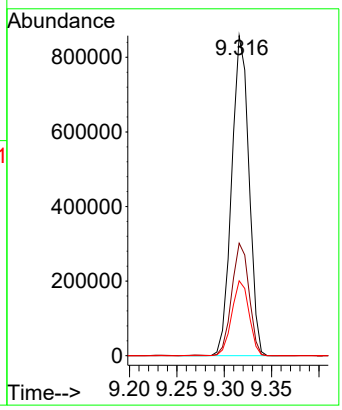


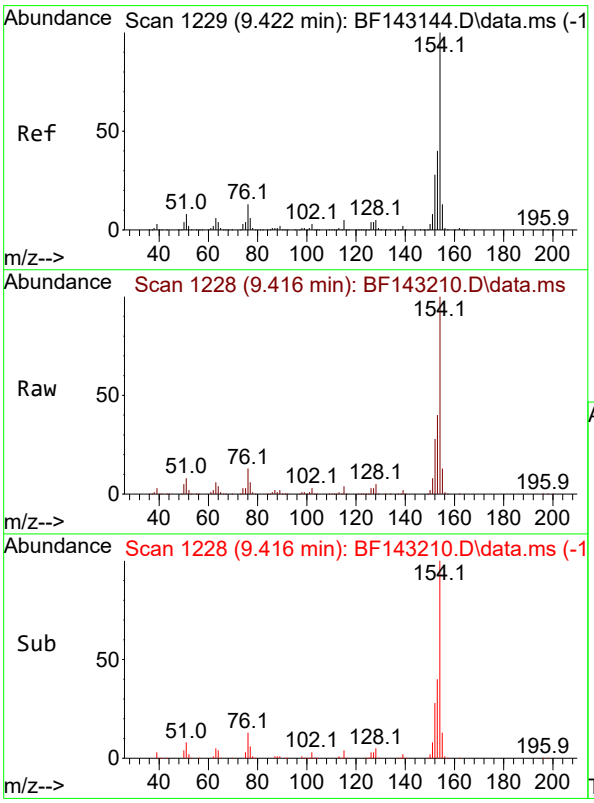
#45
2-Fluorobiphenyl
Concen: 79.441 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1088775

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.4	18.8	28.2

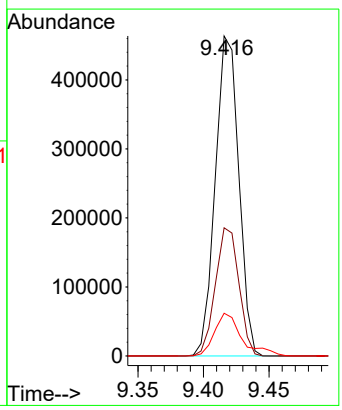


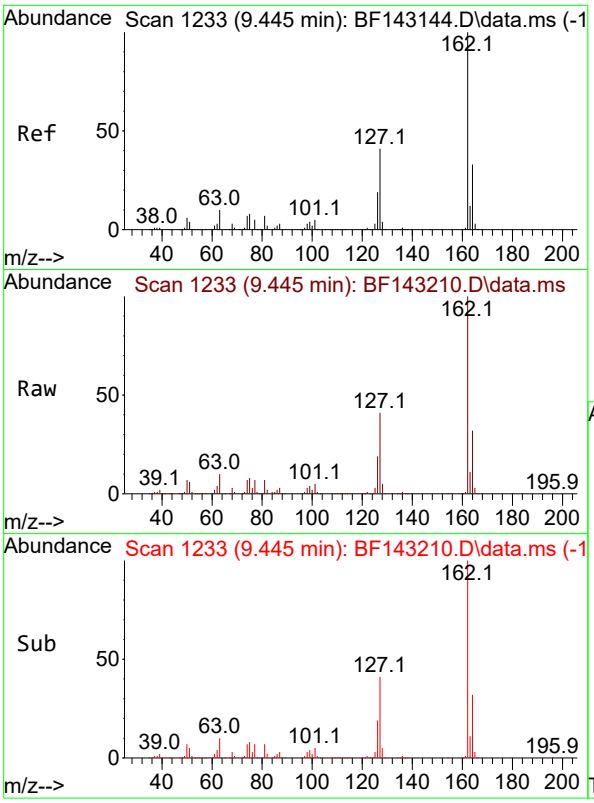


#46
1,1'-Biphenyl
Concen: 39.454 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 576976

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	13.4	0.0	33.3



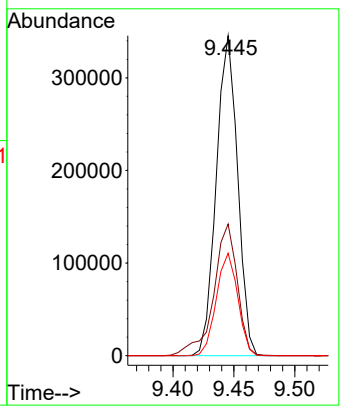


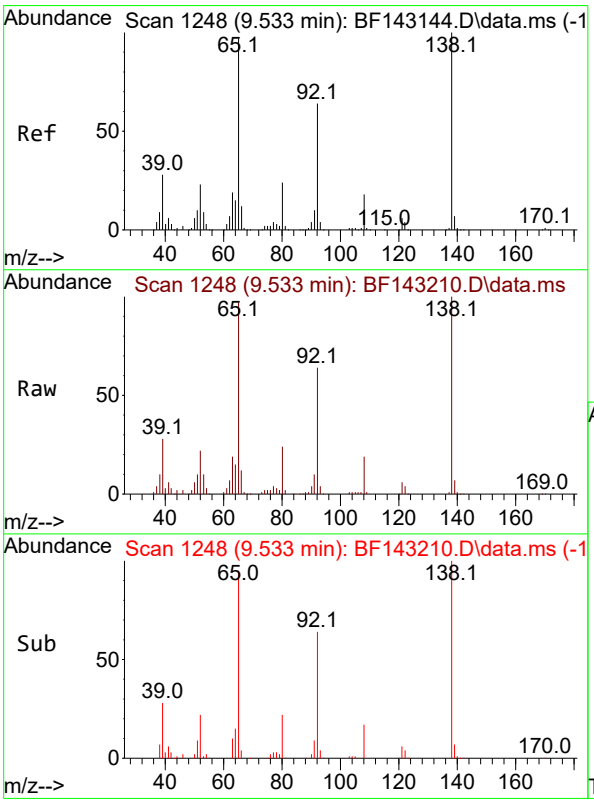
#47
2-Chloronaphthalene
Concen: 38.957 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 421533

Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.4	50.2
164	32.0	26.2	39.2

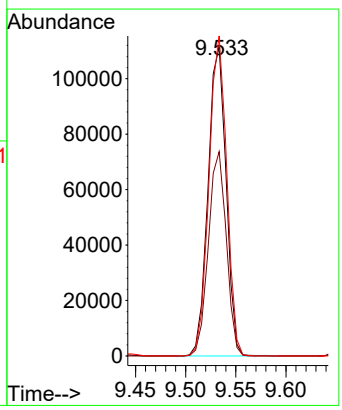


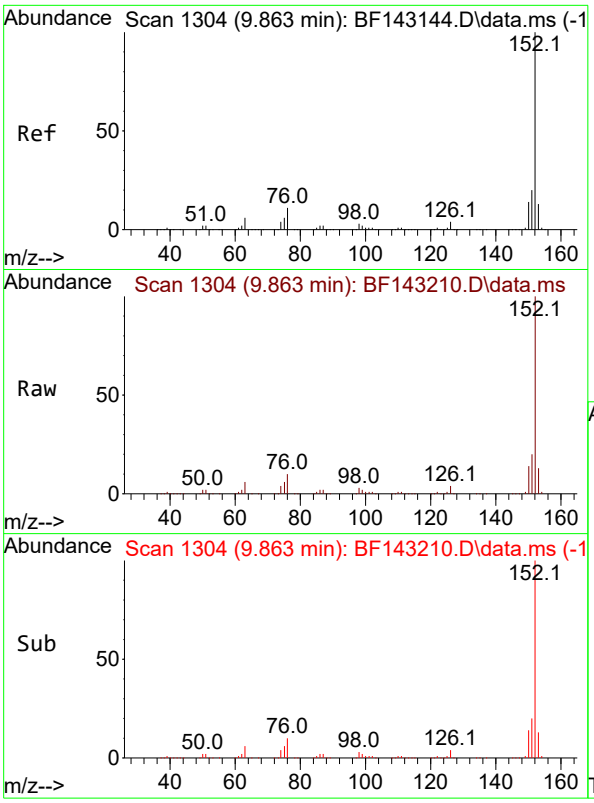


#48
2-Nitroaniline
Concen: 41.188 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 65 Resp: 139765

Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.4	78.6
138	103.5	82.3	123.5



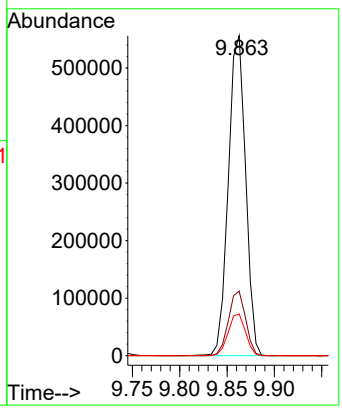


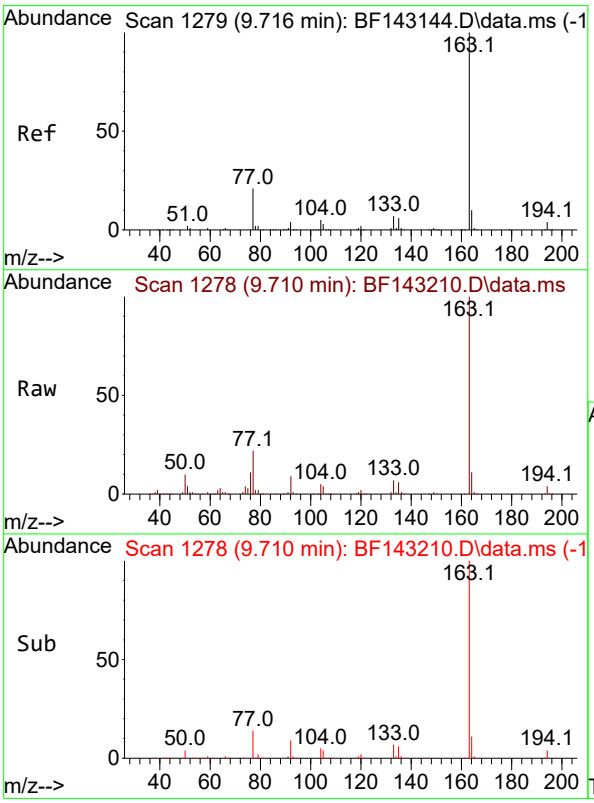
#49
Acenaphthylene
Concen: 38.989 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 707016

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0

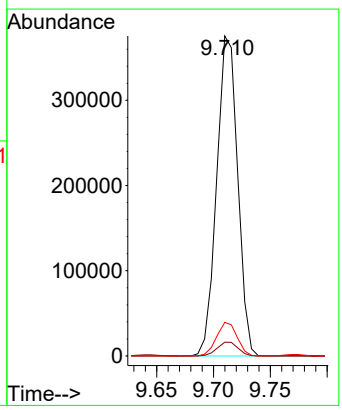


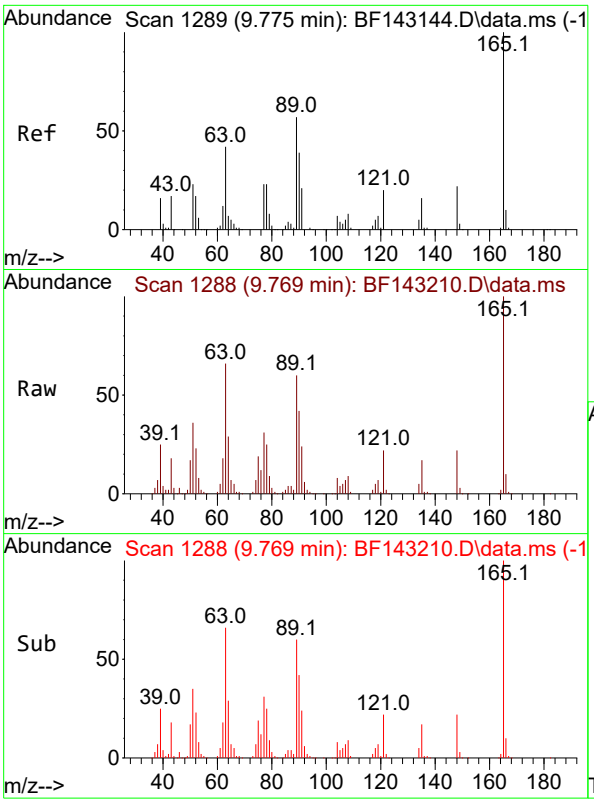


#50
Dimethylphthalate
Concen: 39.503 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:163 Resp: 482643

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.3	12.5



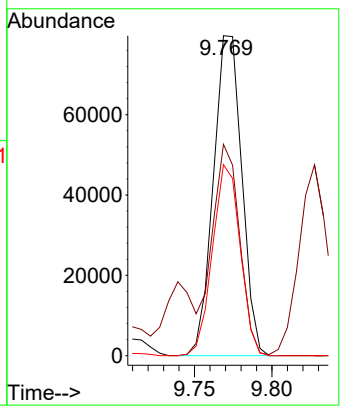


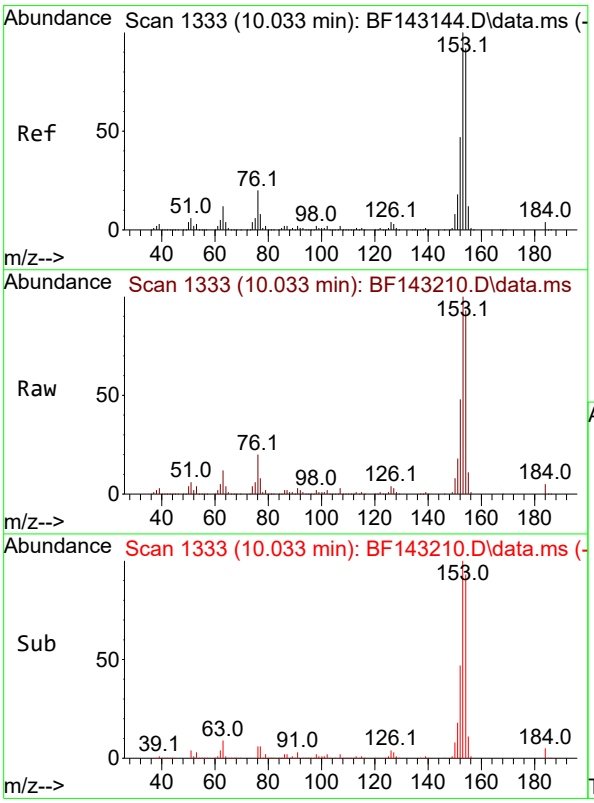
#51
2,6-Dinitrotoluene
Concen: 41.014 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 101938

Ion	Ratio	Lower	Upper
165	100		
63	66.1	49.4	74.2
89	59.7	46.2	69.2

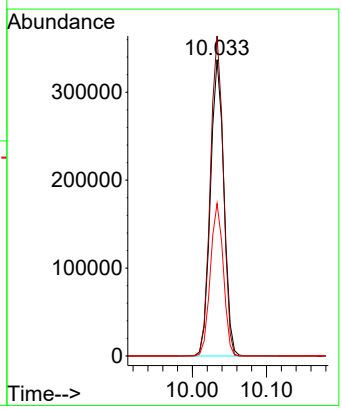


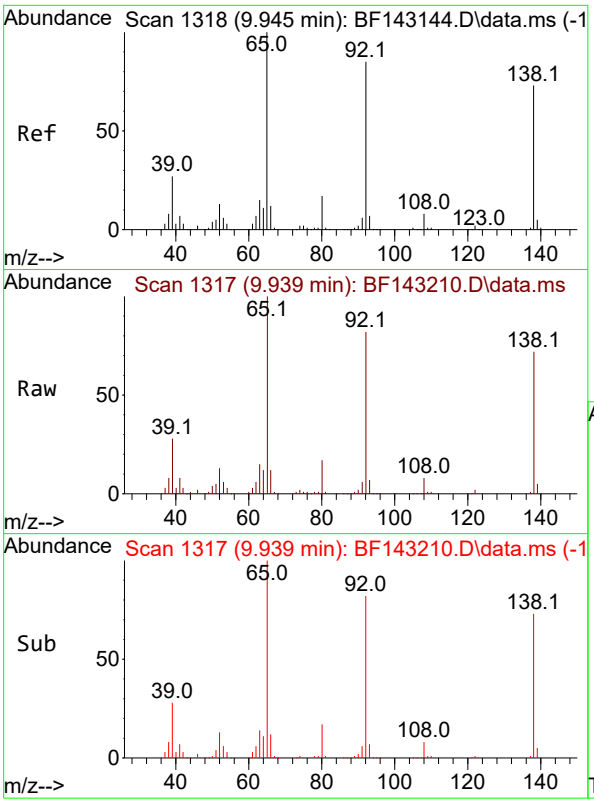


#52
Acenaphthene
Concen: 39.605 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 424478

Ion	Ratio	Lower	Upper
154	100		
153	108.0	86.6	129.8
152	51.5	40.4	60.6



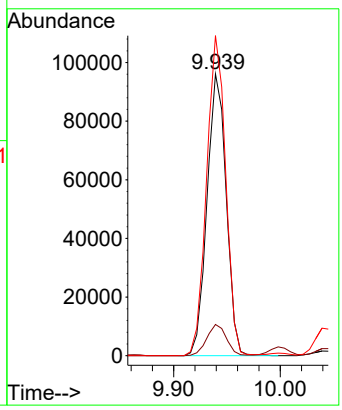


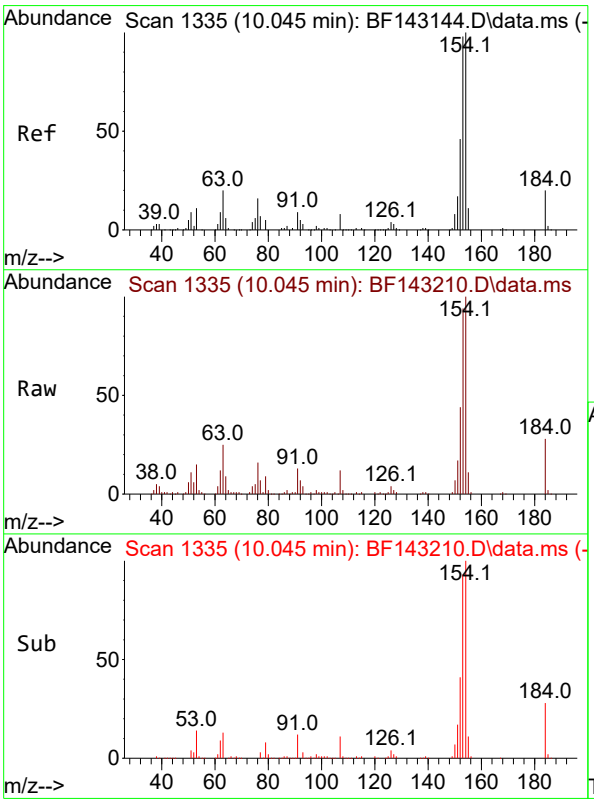
#53
3-Nitroaniline
Concen: 41.423 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 120421

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	113.5	93.0	139.4

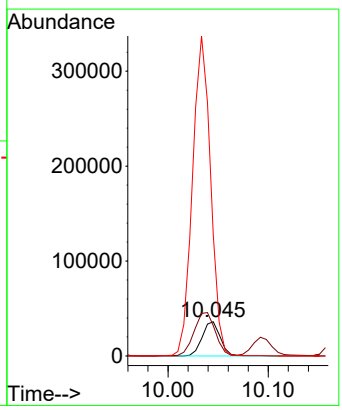


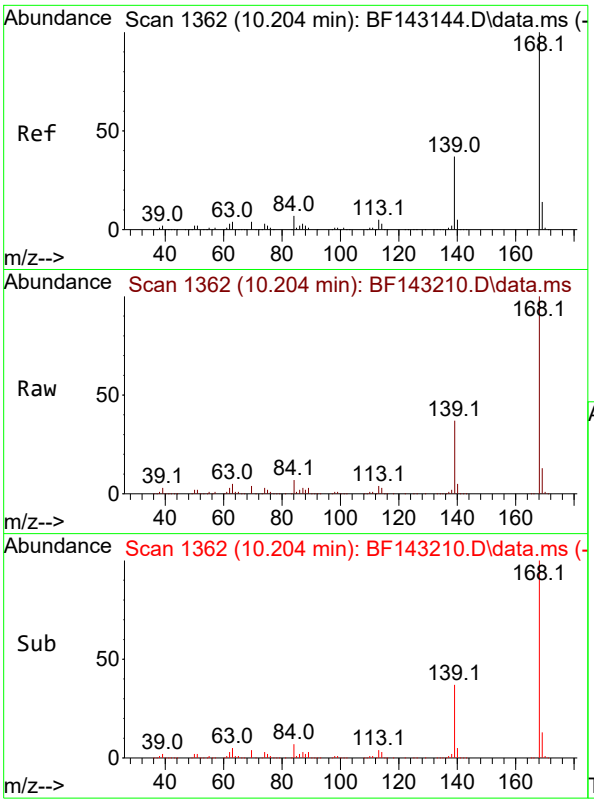


#54
2,4-Dinitrophenol
Concen: 43.601 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:184 Resp: 45389

Ion	Ratio	Lower	Upper
184	100		
63	88.6	81.8	122.6
154	354.5	412.2	618.4#



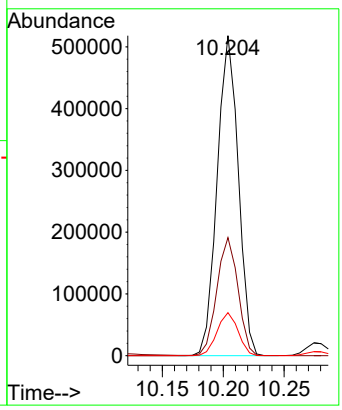


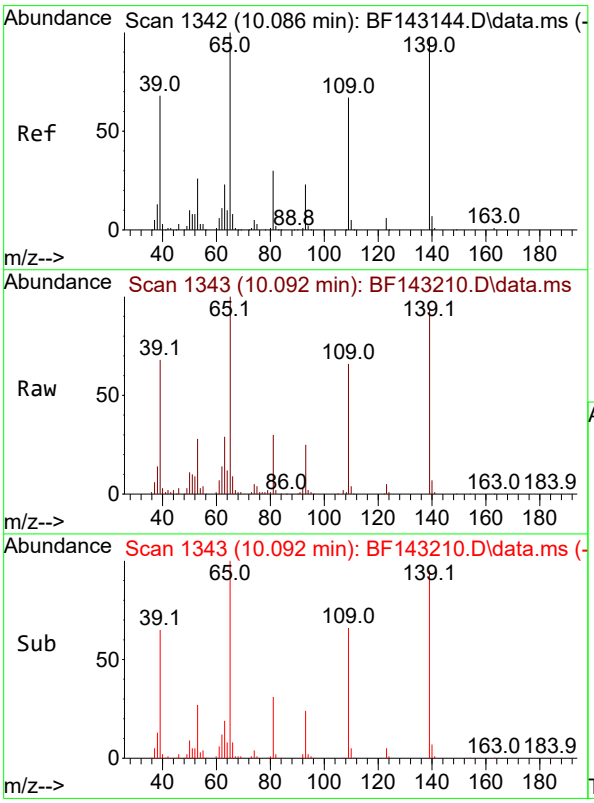
#55
Dibenzofuran
Concen: 39.327 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 625794

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.4	10.9	16.3

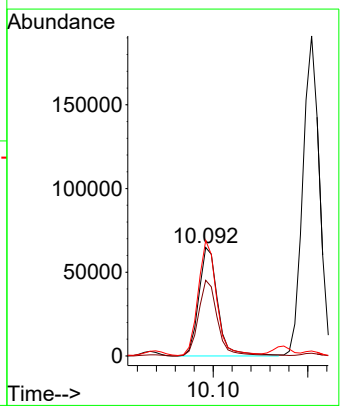


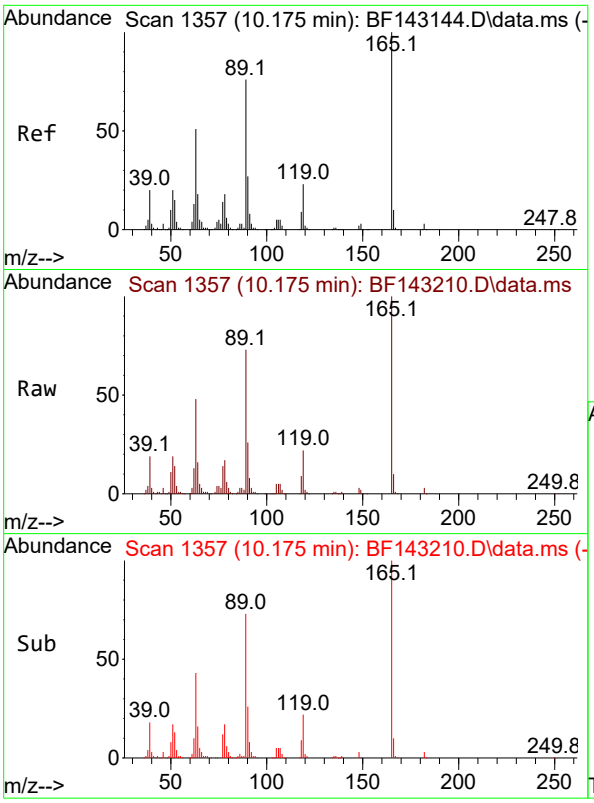


#56
4-Nitrophenol
Concen: 41.556 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 90214

Ion	Ratio	Lower	Upper
139	100		
109	69.9	48.5	88.5
65	106.6	83.4	123.4



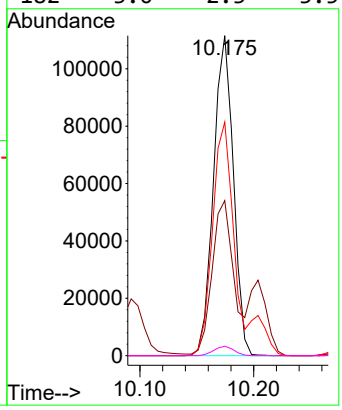


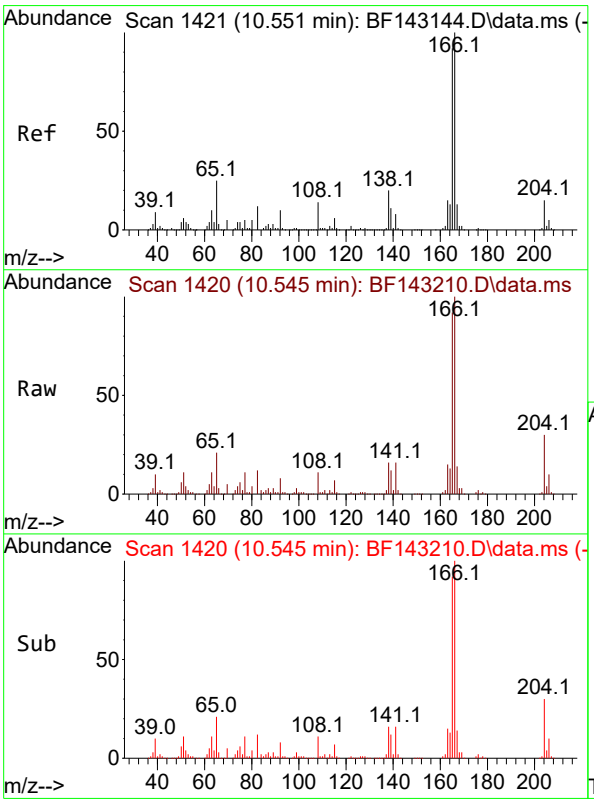
#57
2,4-Dinitrotoluene
Concen: 43.429 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 135422

Ion	Ratio	Lower	Upper
165	100		
63	48.4	41.0	61.4
89	73.0	61.1	91.7
182	3.0	2.3	3.5

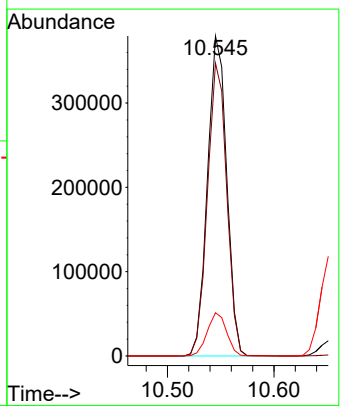


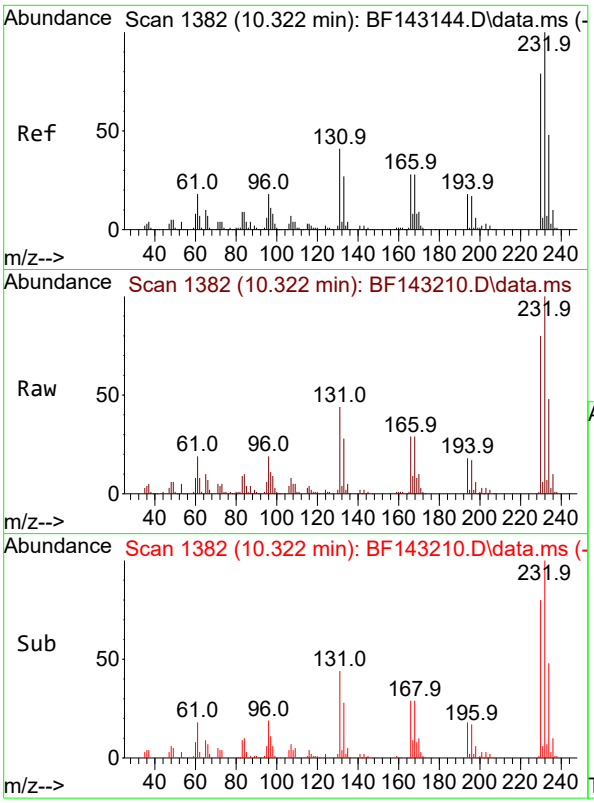


#58
Fluorene
Concen: 39.871 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:166 Resp: 476175

Ion	Ratio	Lower	Upper
166	100		
165	91.5	73.7	110.5
167	13.5	10.6	16.0



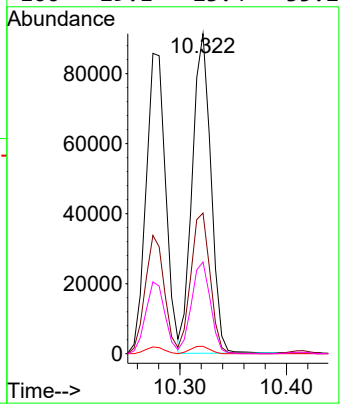


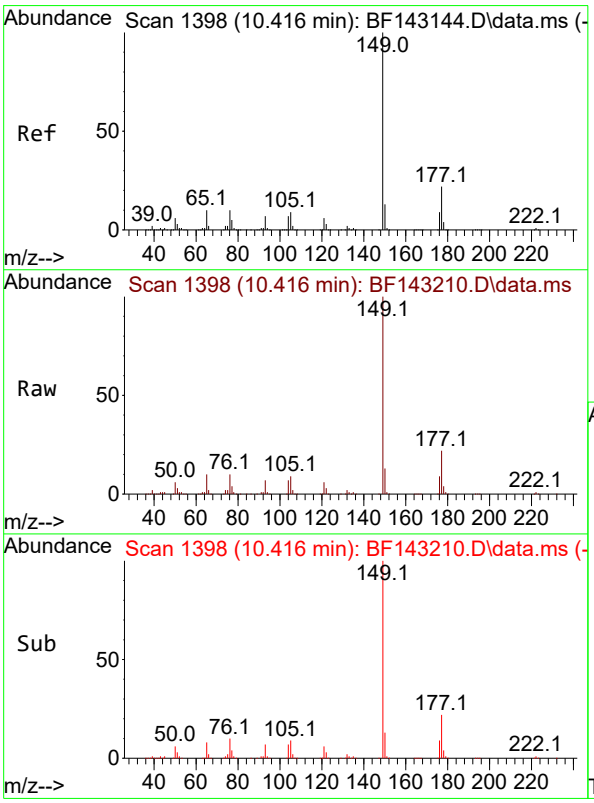
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.835 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 111208

Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.3	52.9
130	2.4	1.7	2.5
166	29.1	23.4	35.2

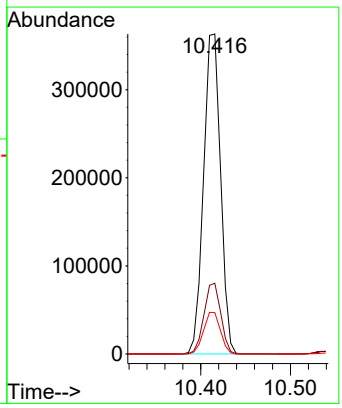


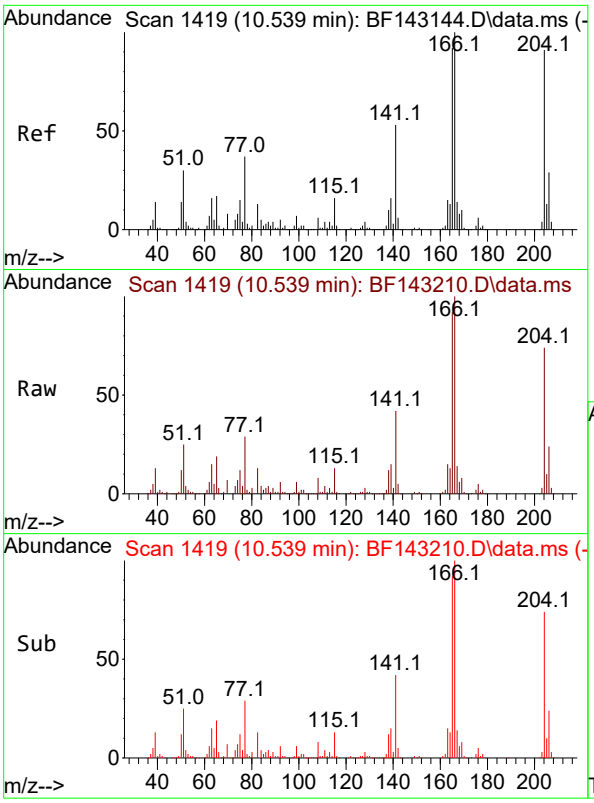


#60
Diethylphthalate
Concen: 39.593 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 478128

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.9	10.2	15.2



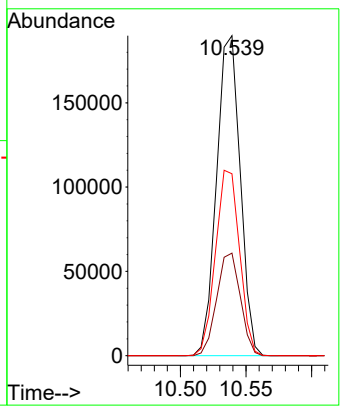


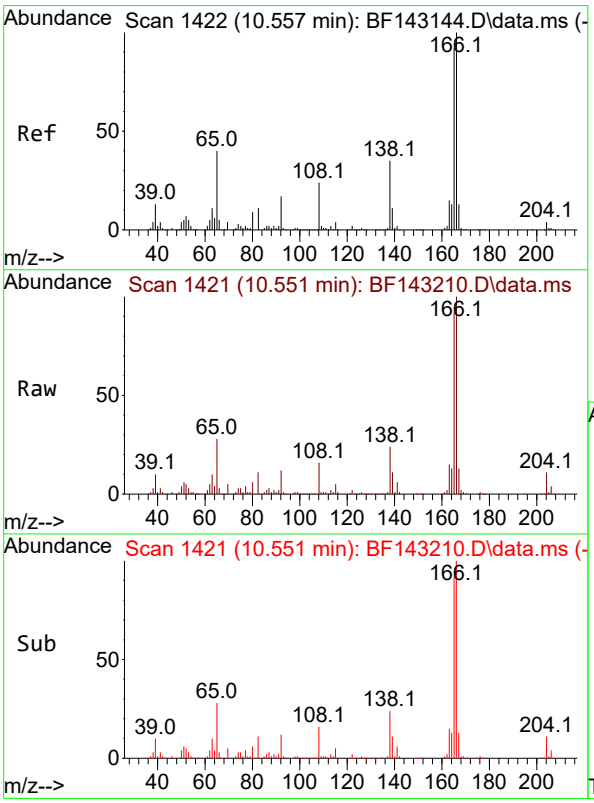
#61
4-Chlorophenyl-phenylether
Concen: 40.030 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 238049

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.8
141	56.8	47.0	70.4

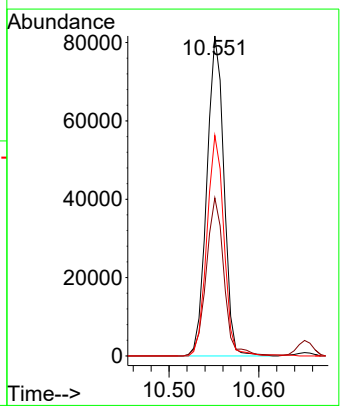


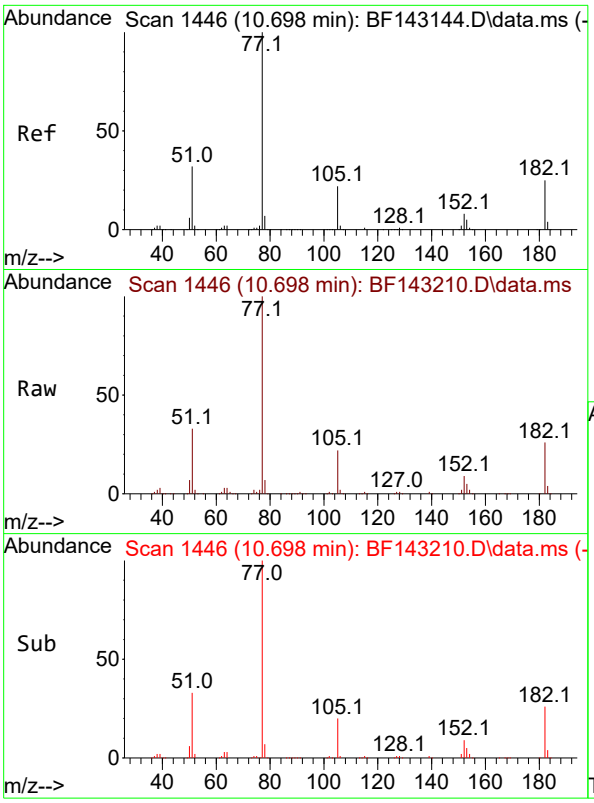


#62
4-Nitroaniline
Concen: 43.376 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:138 Resp: 108074

Ion	Ratio	Lower	Upper
138	100		
92	49.4	29.3	69.3
108	68.9	48.3	88.3



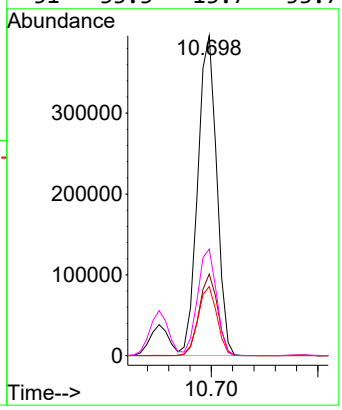


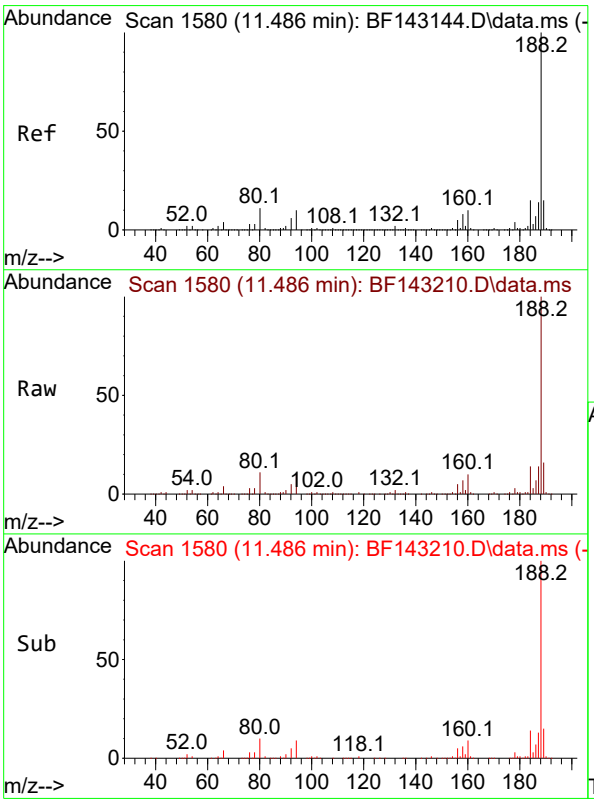
#63
Azobenzene
Concen: 38.867 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 489180

Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.6	44.6
105	21.6	1.4	41.4
51	33.3	13.7	53.7

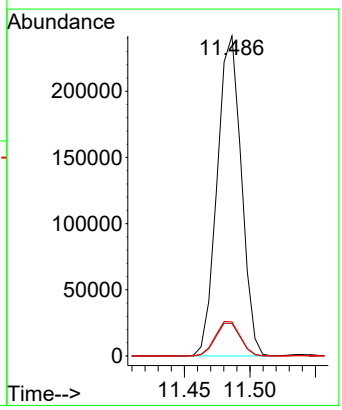


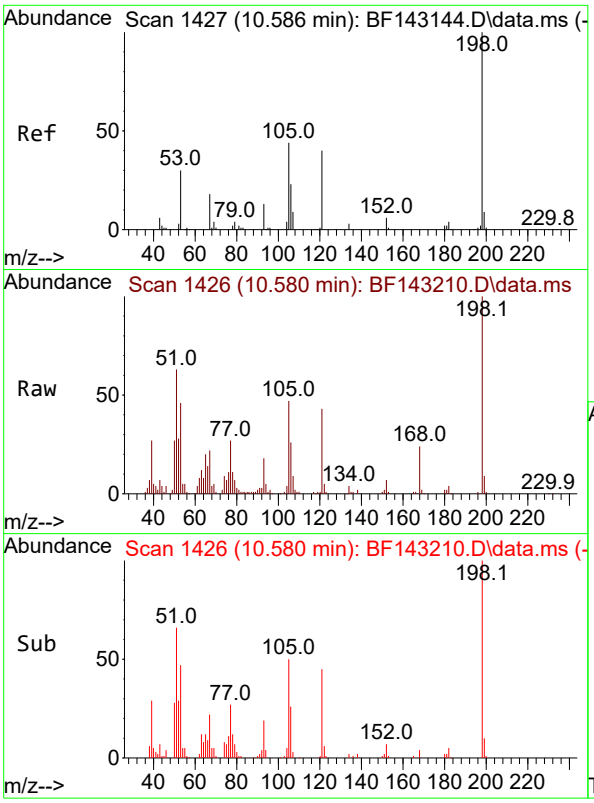


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:188 Resp: 309922

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	10.7	9.0	13.6



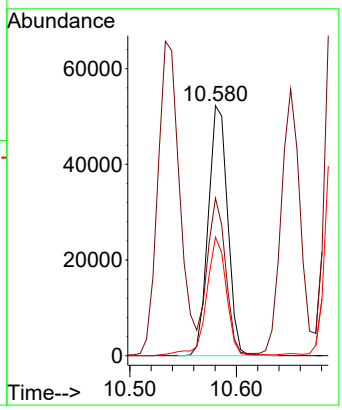


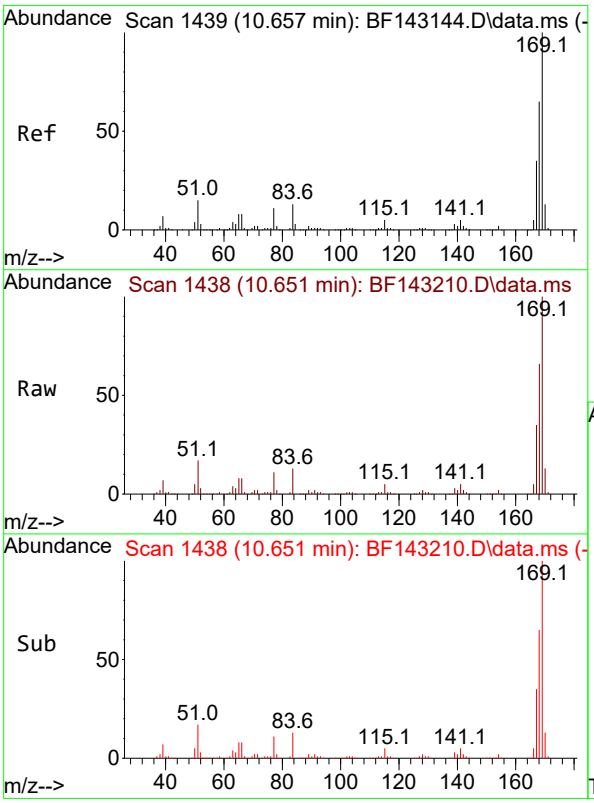
#65
4,6-Dinitro-2-methylphenol
Concen: 41.322 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 65757

Ion	Ratio	Lower	Upper
198	100		
51	63.0	37.2	77.2
105	47.4	24.8	64.8

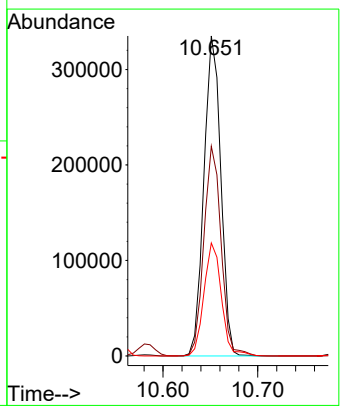


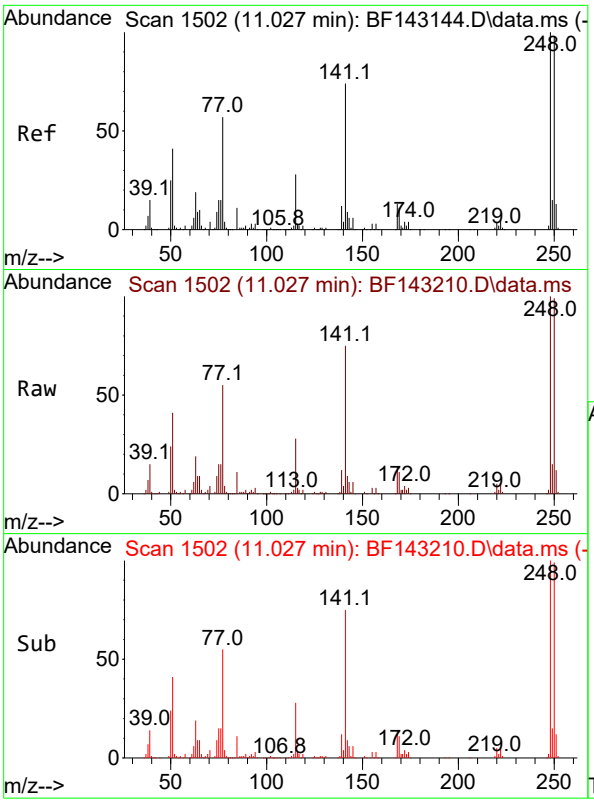


#66
n-Nitrosodiphenylamine
Concen: 37.925 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:169 Resp: 413888

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.1	78.1
167	35.3	28.2	42.2



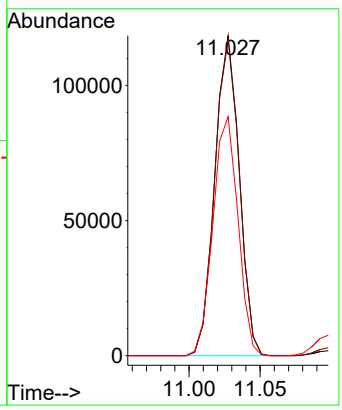


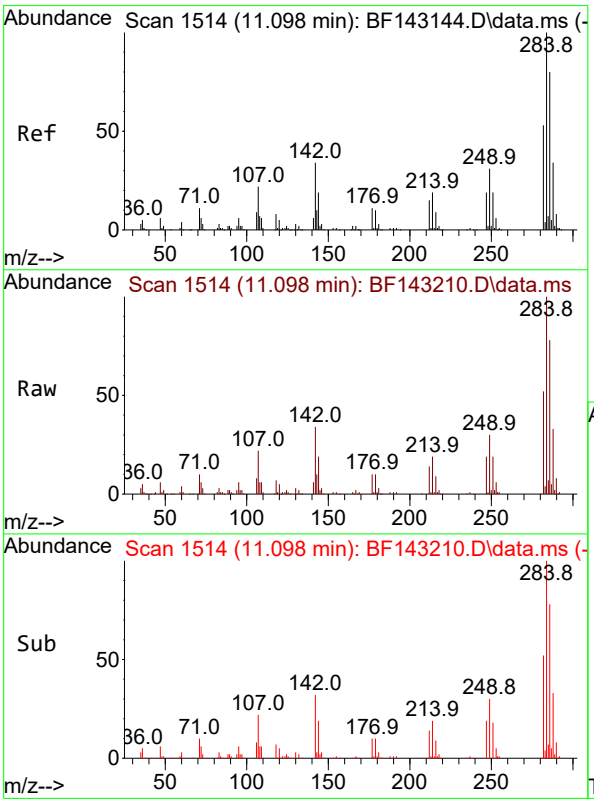
#67
4-Bromophenyl-phenylether
Concen: 38.488 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 142152

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.3	117.5
141	74.7	59.2	88.8

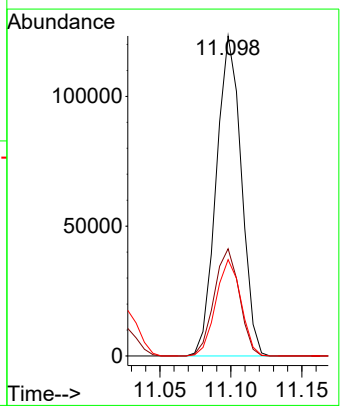


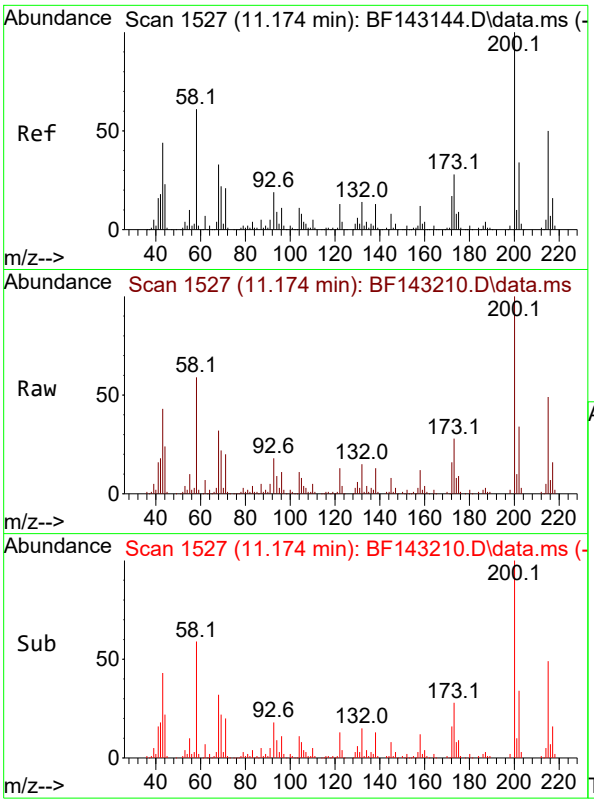


#68
Hexachlorobenzene
Concen: 39.109 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:284 Resp: 150979

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.0	40.6
249	30.1	25.0	37.6



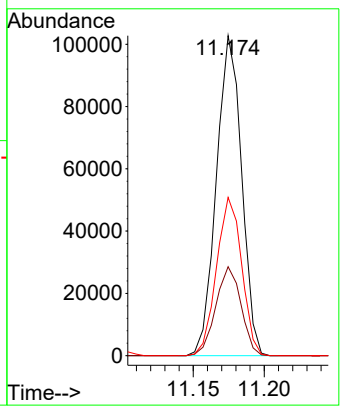


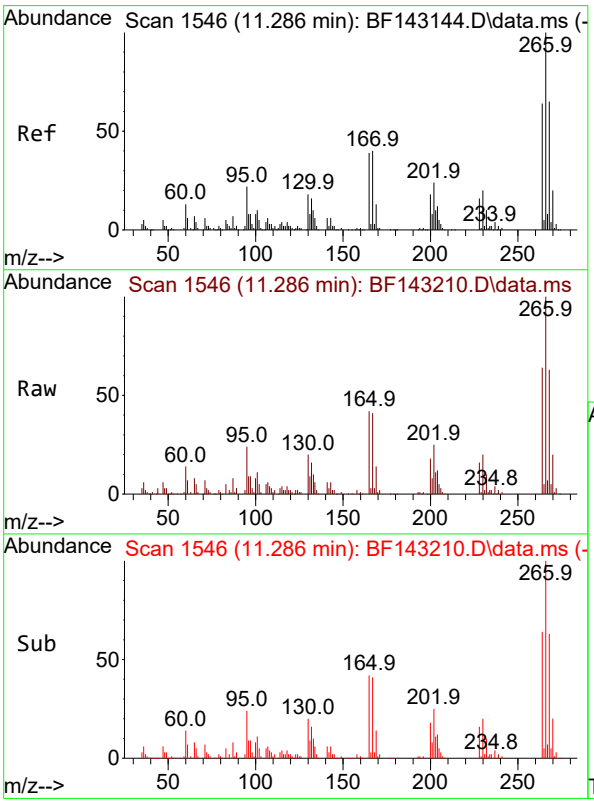
#69
Atrazine
Concen: 42.107 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 126687

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.9	47.9
215	49.5	30.1	70.1

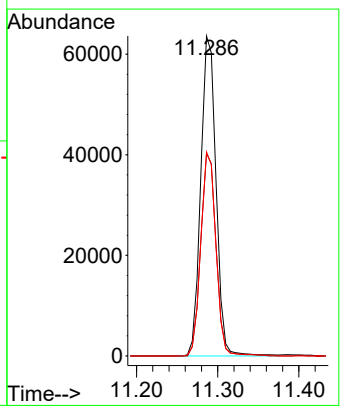


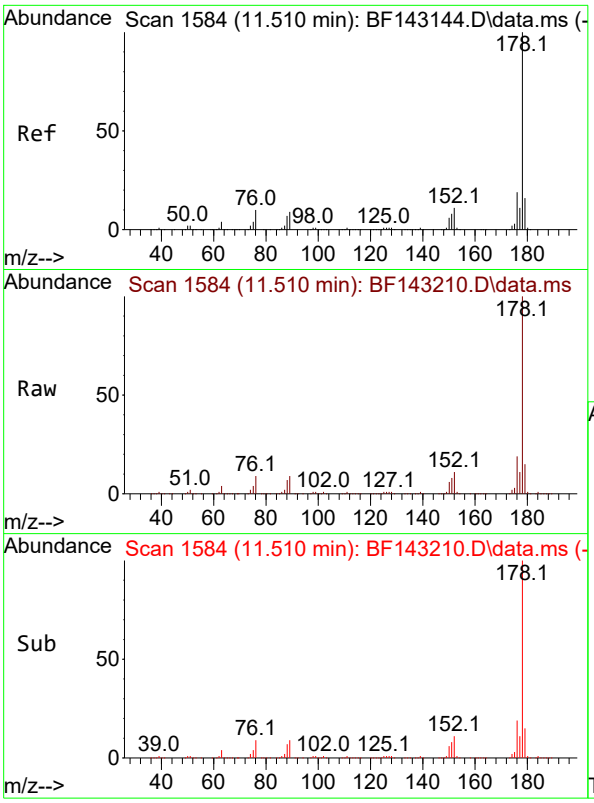


#70
Pentachlorophenol
Concen: 36.572 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:266 Resp: 83028

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	63.8	51.0	76.6



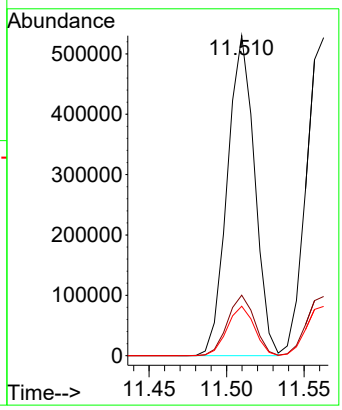


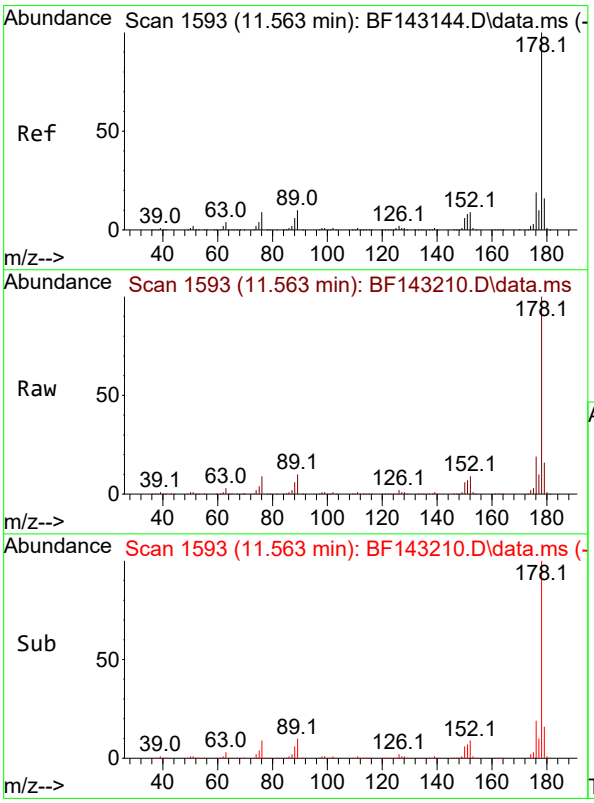
#71
Phenanthrene
Concen: 39.306 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 646817

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.5	18.7

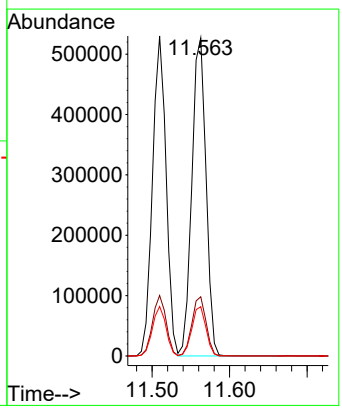


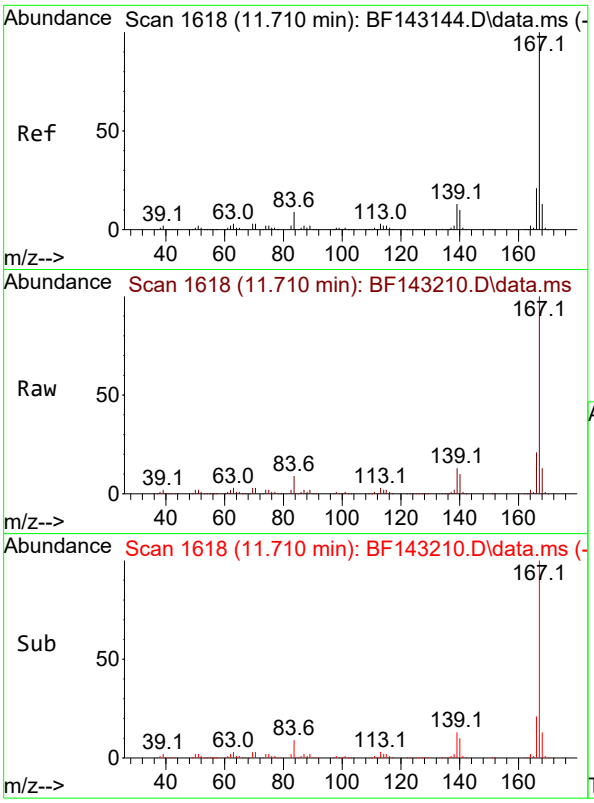


#72
Anthracene
Concen: 39.761 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:178 Resp: 667319

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.5	18.7



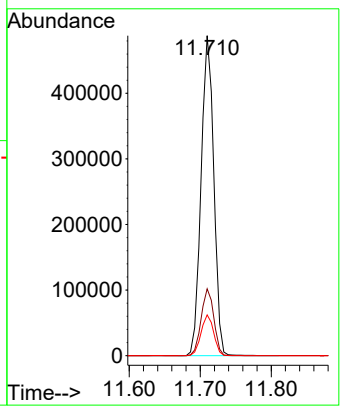


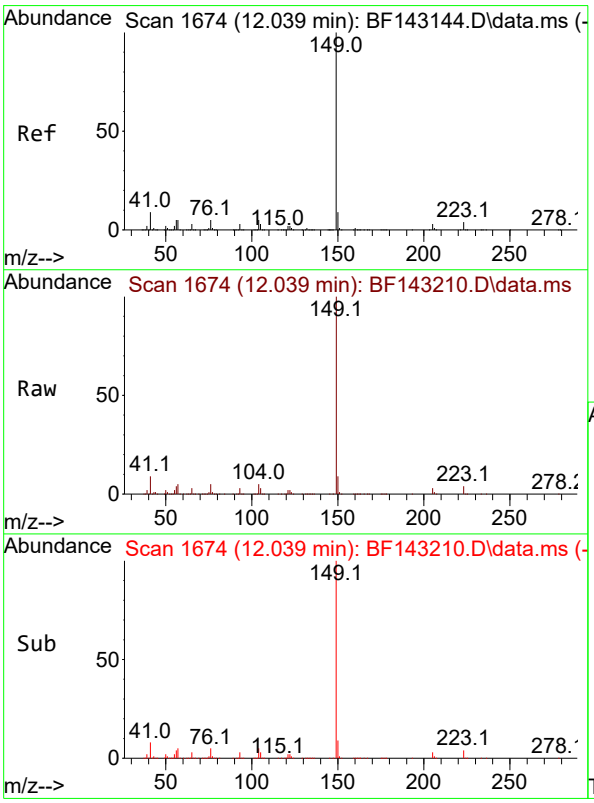
#73
Carbazole
Concen: 41.500 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 608177

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.8	10.0	15.0

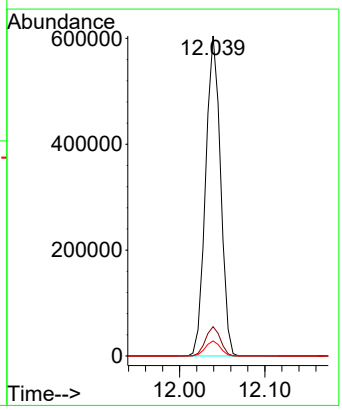


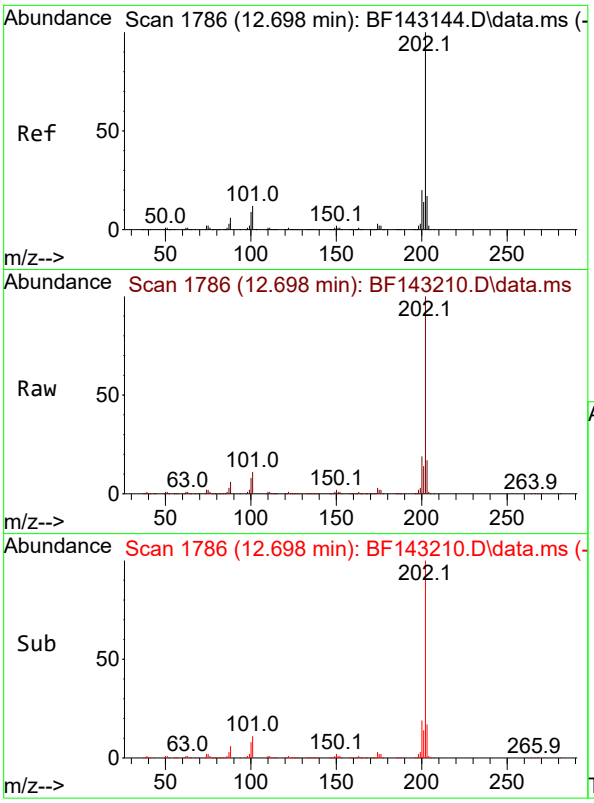


#74
Di-n-butylphthalate
Concen: 44.219 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 733248

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8



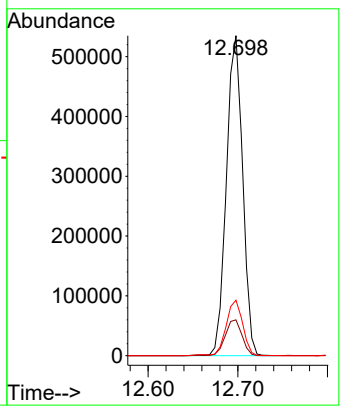


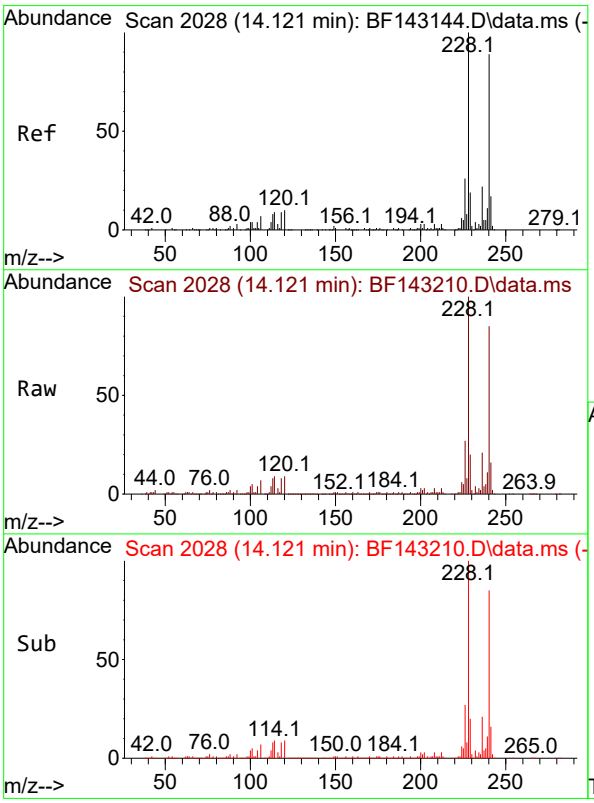
#75
Fluoranthene
Concen: 44.615 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 673881

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.7
203	17.3	0.0	37.4

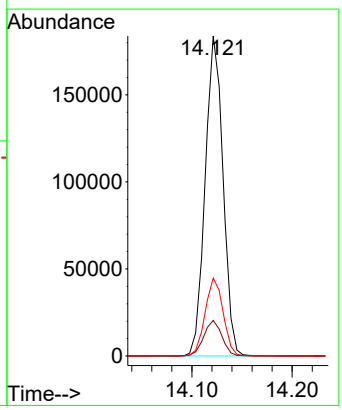


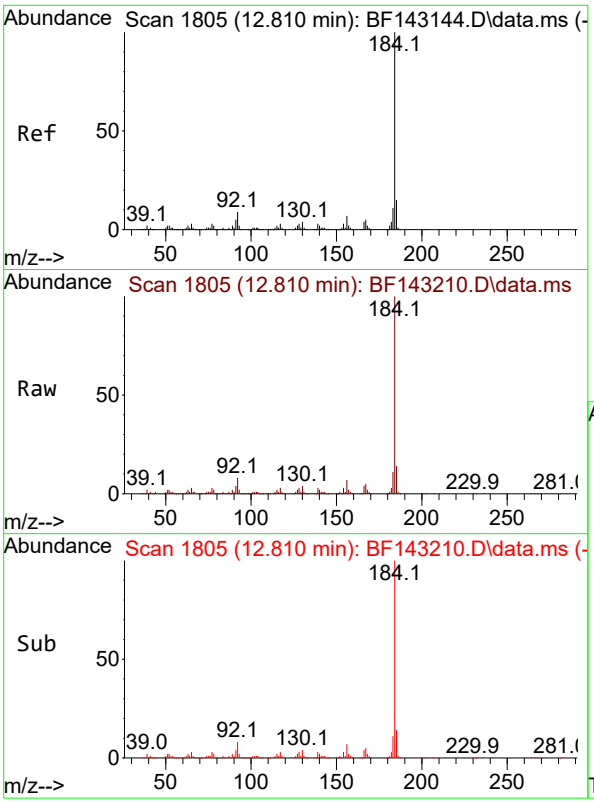


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:240 Resp: 228057

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.2
236	24.4	20.2	30.4



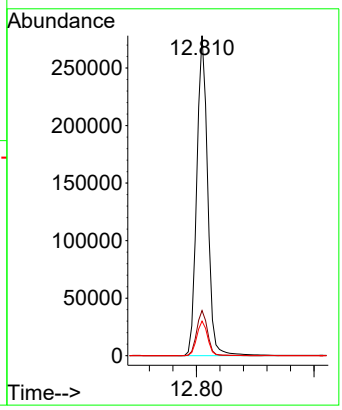


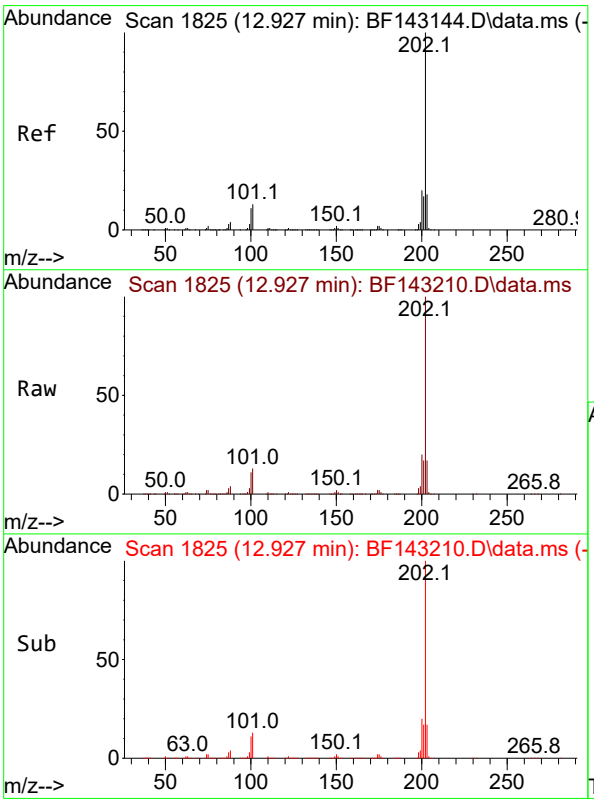
#77
Benzidine
Concen: 40.712 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 357711

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.2	18.4
183	10.8	9.0	13.4

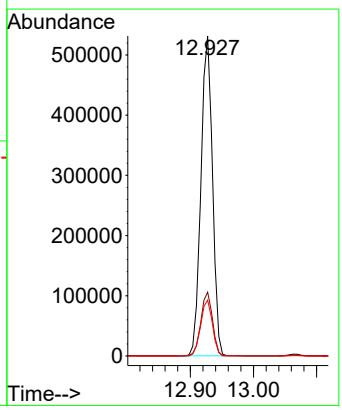


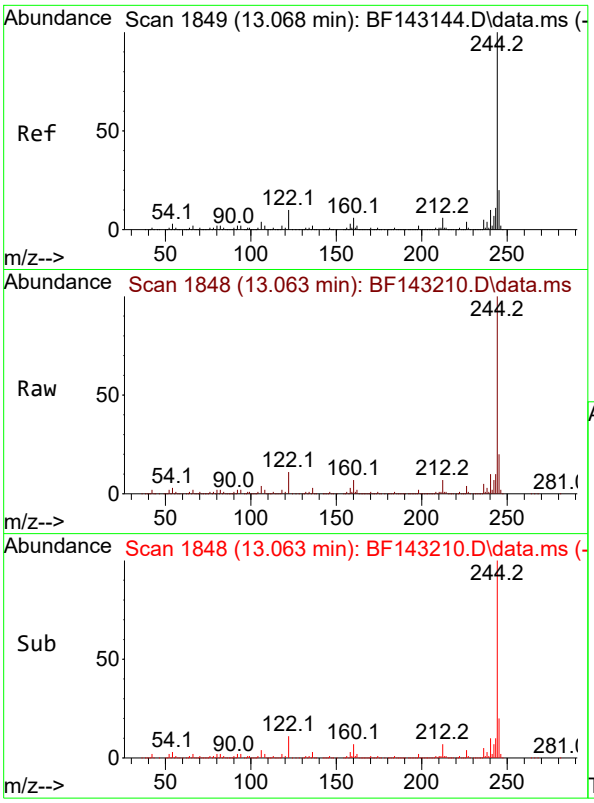


#78
Pyrene
Concen: 34.761 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:202 Resp: 676567

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	17.4	14.2	21.2



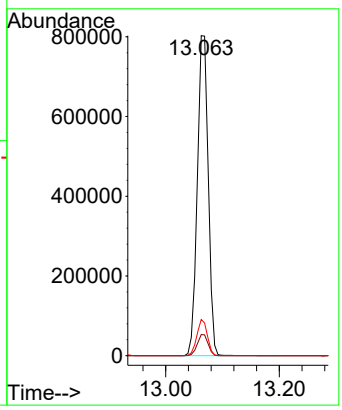


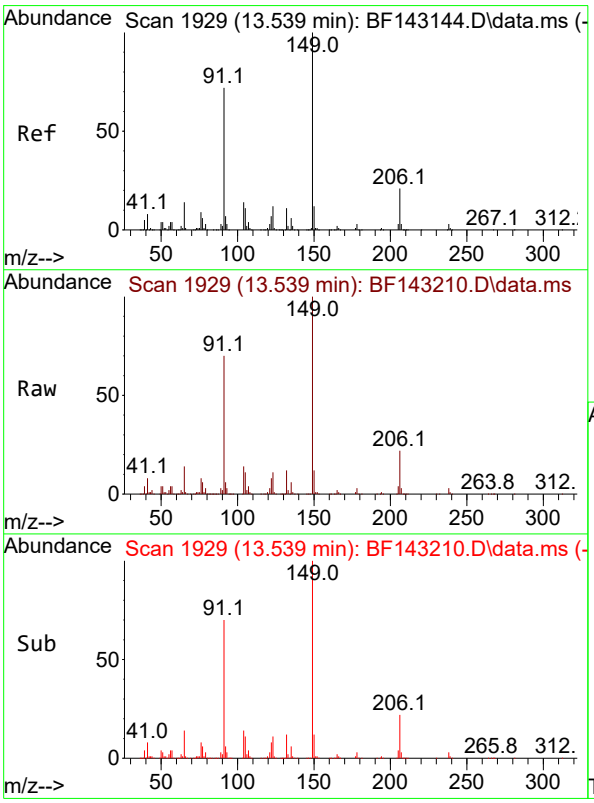
#79
Terphenyl-d14
Concen: 70.144 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1074970

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.3	8.2	12.2

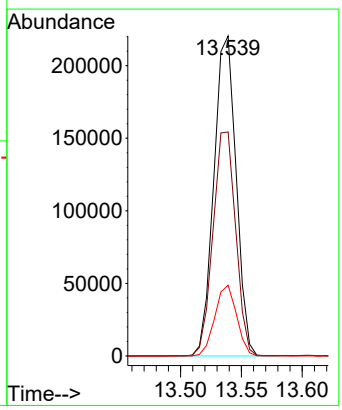


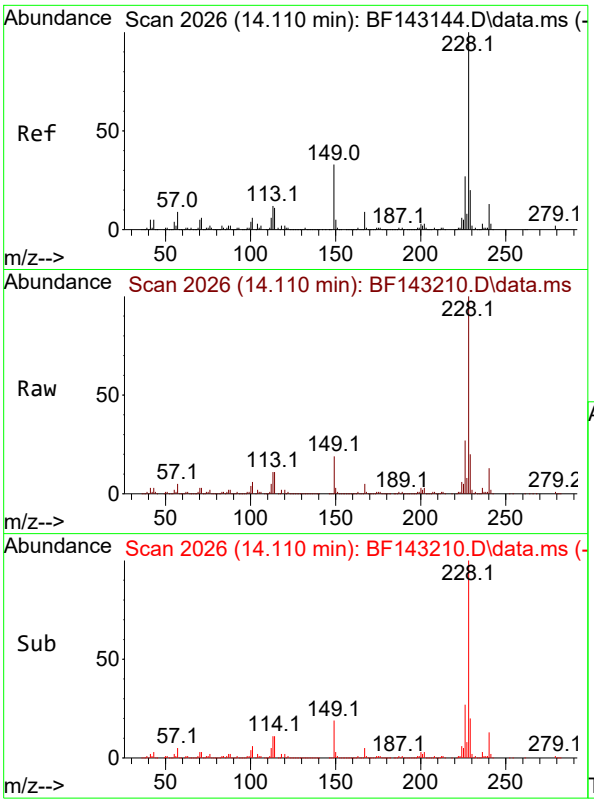


#80
Butylbenzylphthalate
Concen: 47.140 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 280954

Ion	Ratio	Lower	Upper
149	100		
91	70.0	57.9	86.9
206	22.1	17.0	25.4



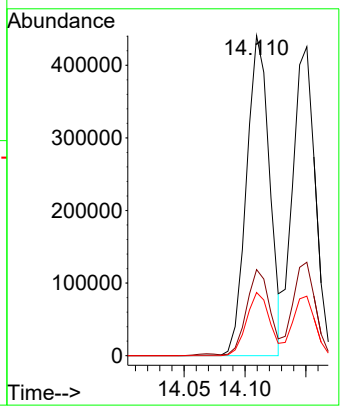


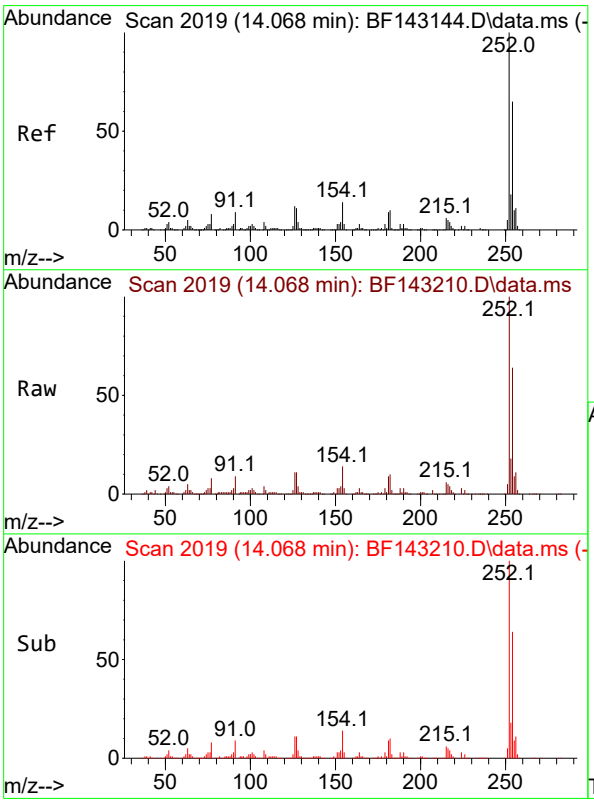
#81
Benzo(a)anthracene
Concen: 38.065 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 581201

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.8	15.8	23.6

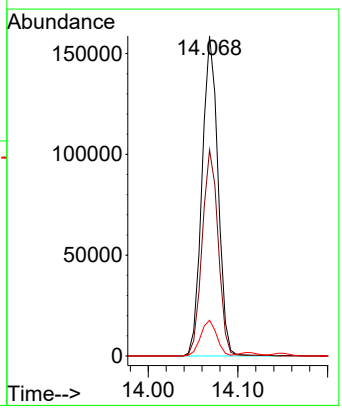


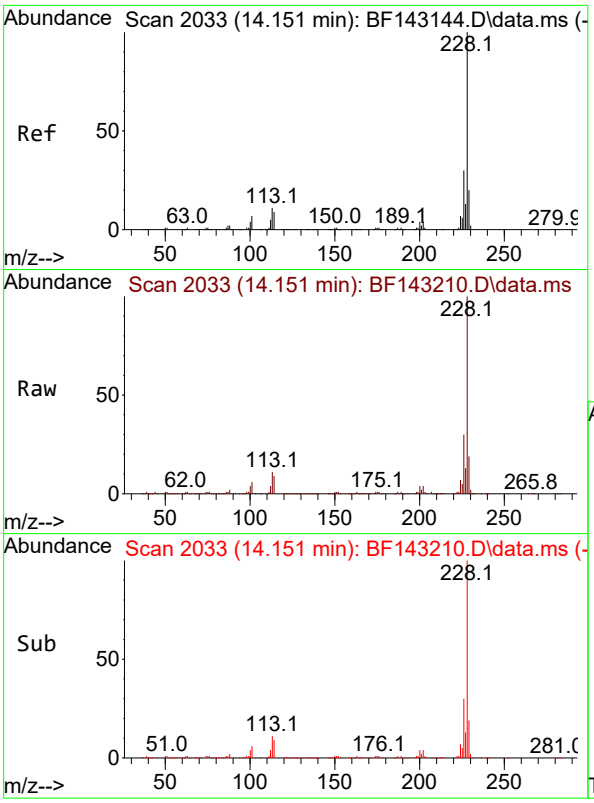


#82
3,3'-Dichlorobenzidine
Concen: 38.576 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 196307

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	11.2	9.4	14.0



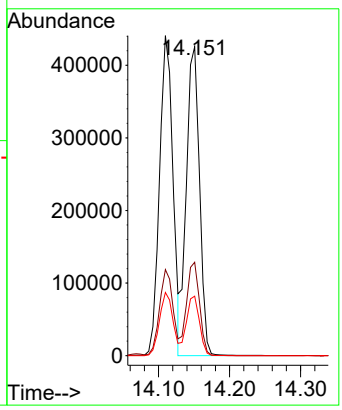


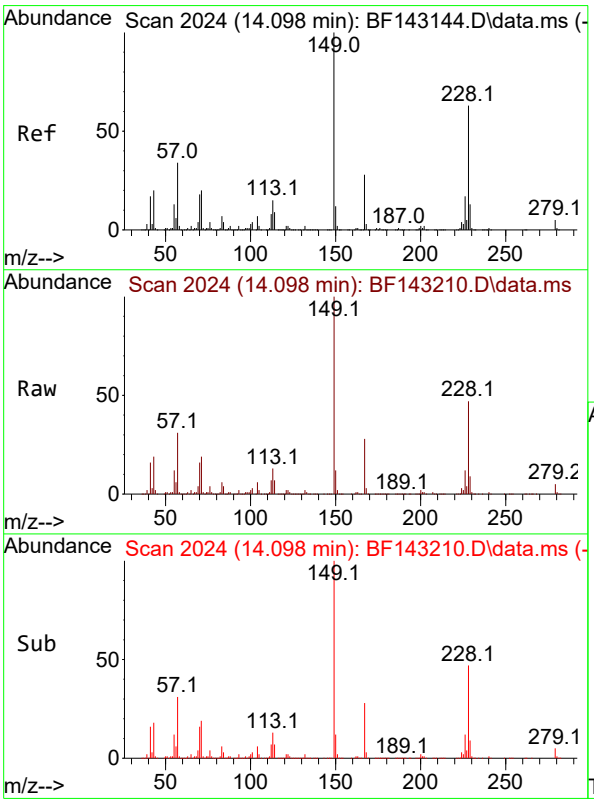
#83
Chrysene
Concen: 39.878 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 547436

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.3	15.6	23.4

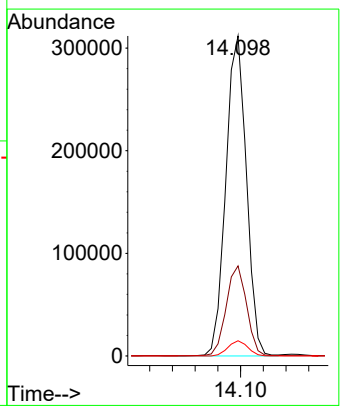


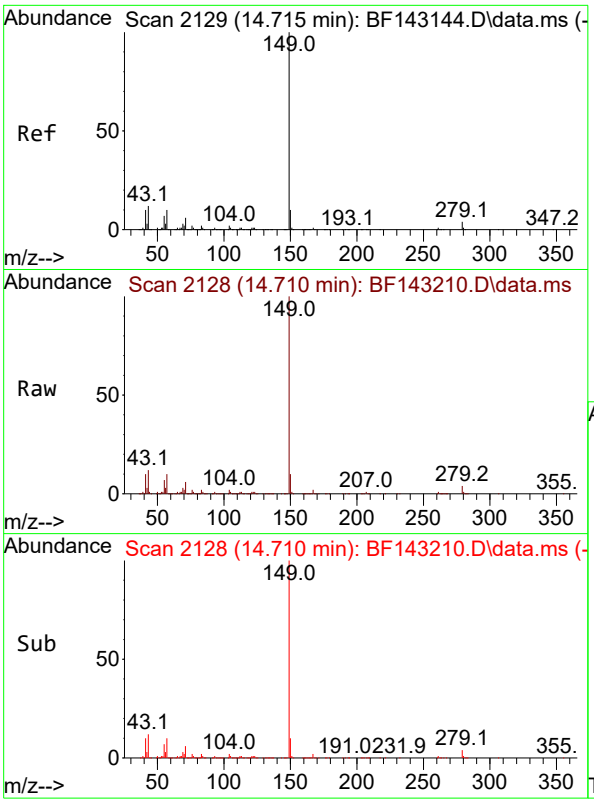


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.463 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 392081

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.8	3.6	5.4



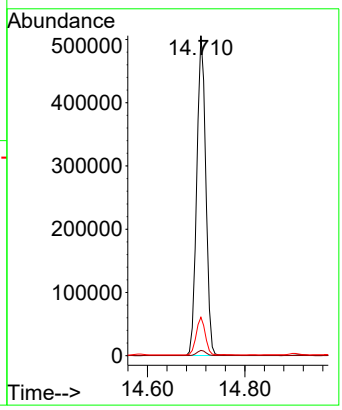


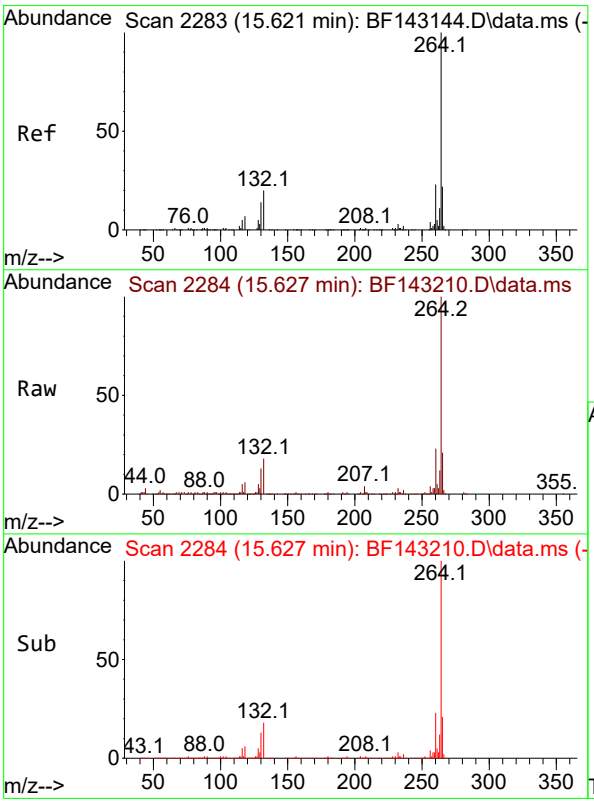
#85
Di-n-octyl phthalate
Concen: 40.193 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 657230

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.7	9.7	14.5

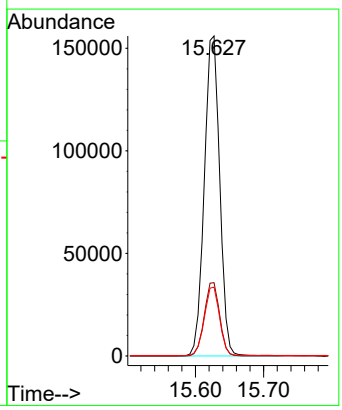


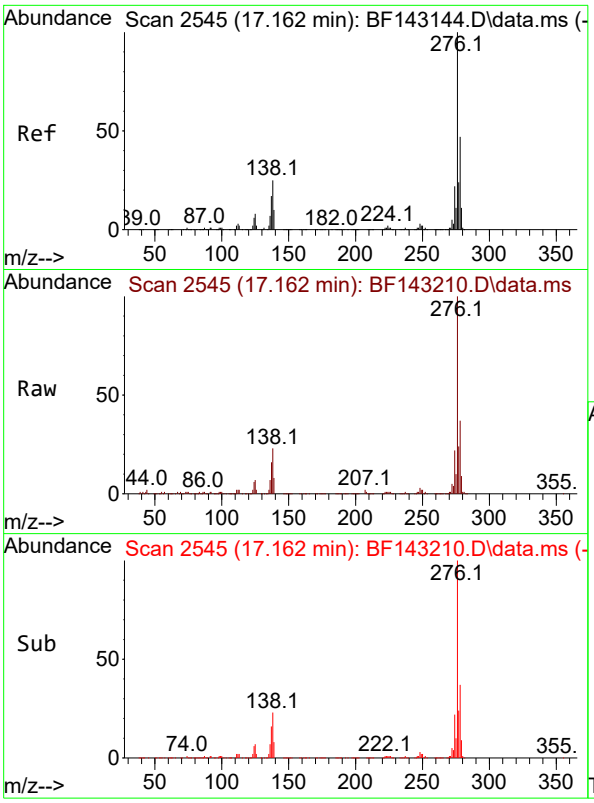


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:264 Resp: 245226

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.5	17.4	26.2



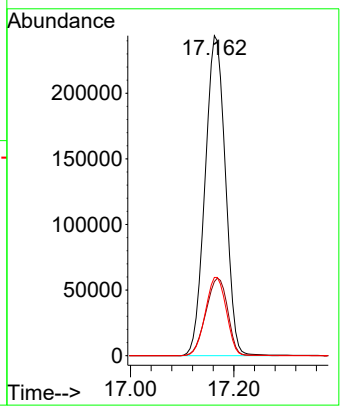


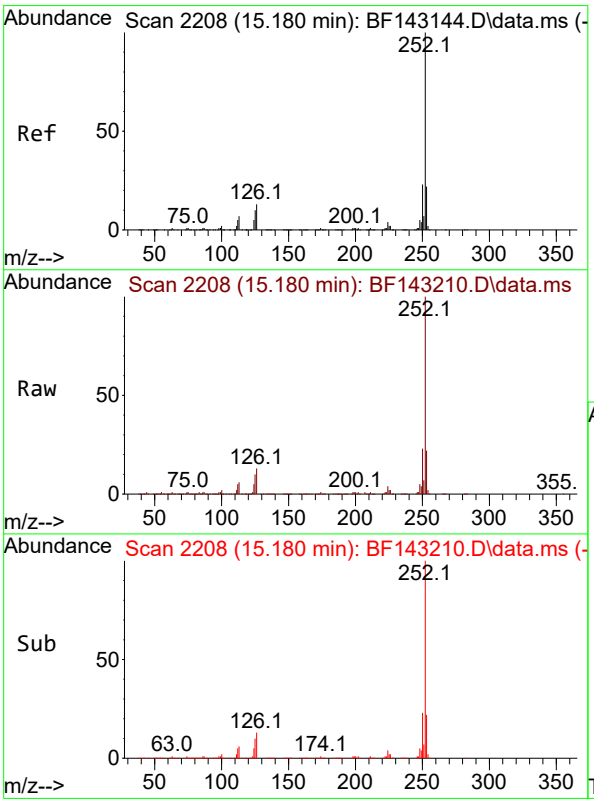
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.487 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 665501

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.6
277	25.2	20.0	30.0

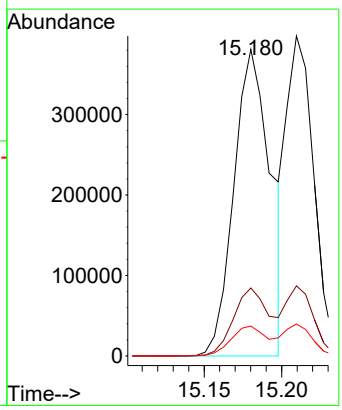


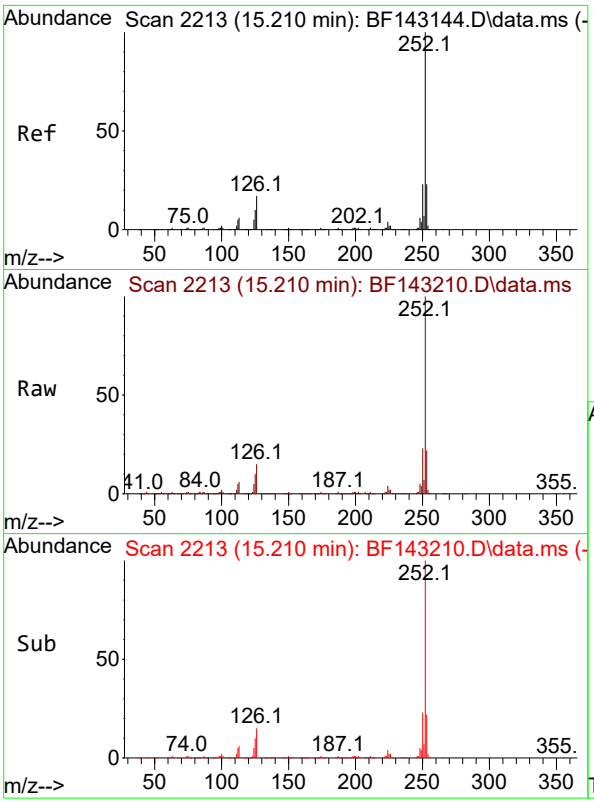


#88
Benzo(b)fluoranthene
Concen: 41.819 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 626496

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.8	8.0	12.0



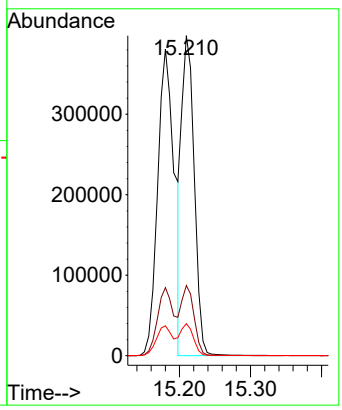


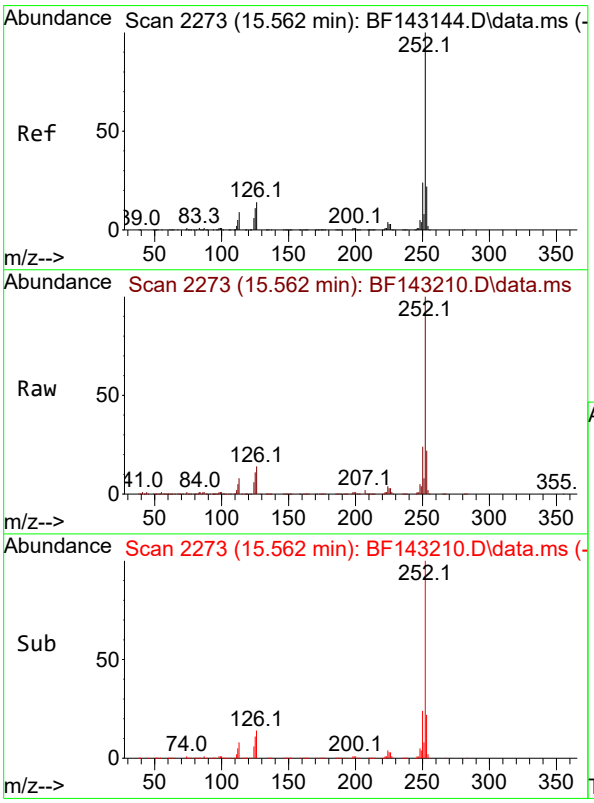
#89
Benzo(k)fluoranthene
Concen: 36.623 ng
RT: 15.210 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 489587

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.0	8.1	12.1

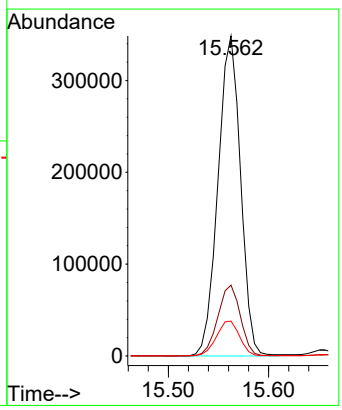


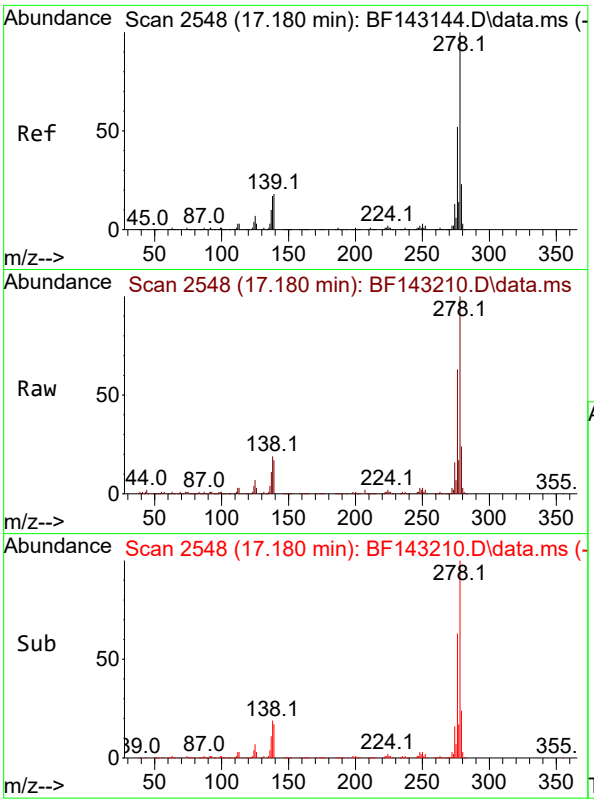


#90
Benzo(a)pyrene
Concen: 39.377 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 543505

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.9	8.6	13.0



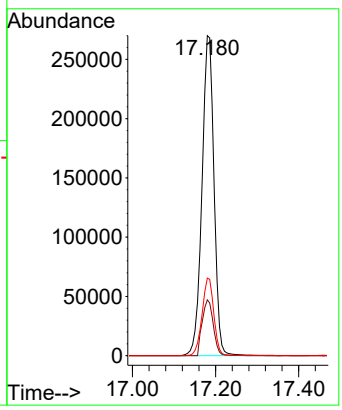


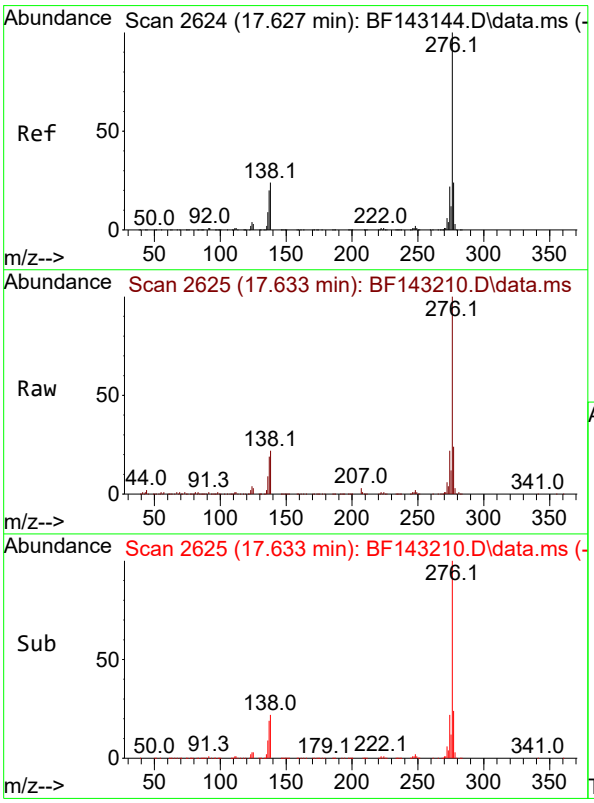
#91
Dibenzo(a,h)anthracene
Concen: 38.668 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 544233

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	24.3	18.6	28.0

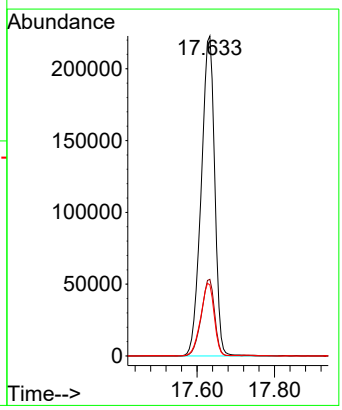




#92
Benzo(g,h,i)perylene
Concen: 39.524 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:276 Resp: 538105

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	22.2	18.9	28.3



Sample Results: **BF143210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	58	0.00
2		1,4-Dioxane	0.598	0.584	2.3	57	-0.02
3		Pyridine	1.552	1.455	6.2	55	-0.01
4		n-Nitrosodimethylamine	0.801	0.779	2.7	56	-0.02
5	S	2-Fluorophenol	1.264	1.243	1.7	59	0.00
6		Aniline	2.217	2.069	6.7	55	0.00
7	S	Phenol-d6	1.591	1.523	4.3	57	0.00
8		2-Chlorophenol	1.325	1.298	2.0	58	0.00
9		Benzaldehyde	1.193	1.066	10.6	43#	0.00
10	C	Phenol	1.733	1.726	0.4	59	0.00
11		bis(2-Chloroethyl)ether	1.327	1.254	5.5	56	0.00
12		1,3-Dichlorobenzene	1.439	1.444	-0.3	60	0.00
13	C	1,4-Dichlorobenzene	1.449	1.442	0.5	59	0.00
14		1,2-Dichlorobenzene	1.378	1.382	-0.3	60	0.00
15		Benzyl Alcohol	1.215	1.173	3.5	56	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.315	5.9	56	0.00
17		2-Methylphenol	1.114	1.066	4.3	57	0.00
18		Hexachloroethane	0.502	0.518	-3.2	61	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.929	9.0	55	0.00
20		3+4-Methylphenols	1.351	1.319	2.4	57	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	57	0.00
22		Acetophenone	0.474	0.460	3.0	57	0.00
23	S	Nitrobenzene-d5	0.401	0.408	-1.7	58	0.00
24		Nitrobenzene	0.374	0.377	-0.8	57	0.00
25		Isophorone	0.708	0.669	5.5	55	0.00
26	C	2-Nitrophenol	0.162	0.179	-10.5	59	0.00
27		2,4-Dimethylphenol	0.331	0.316	4.5	55	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.401	5.6	55	0.00
29	C	2,4-Dichlorophenol	0.279	0.275	1.4	57	0.00
30		1,2,4-Trichlorobenzene	0.302	0.307	-1.7	59	0.00
31		Naphthalene	0.985	0.978	0.7	58	0.00
32		Benzoic acid	0.169	0.190	-12.4	60	0.00
33		4-Chloroaniline	0.402	0.385	4.2	56	0.00
34	C	Hexachlorobutadiene	0.184	0.189	-2.7	59	0.00
35		Caprolactam	0.084	0.086	-2.4	56	-0.02
36	C	4-Chloro-3-methylphenol	0.303	0.294	3.0	56	0.00
37		2-Methylnaphthalene	0.599	0.593	1.0	58	0.00
38		1-Methylnaphthalene	0.617	0.615	0.3	58	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	56	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.577	0.0	59	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.395	-5.1	60	0.00
42	S	2,4,6-Tribromophenol	0.207	0.202	2.4	54	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.386	3.5	57	0.00
44		2,4,5-Trichlorophenol	0.400	0.402	-0.5	56	0.00
45	S	2-Fluorobiphenyl	1.462	1.452	0.7	60	0.00
46		1,1'-Biphenyl	1.560	1.539	1.3	58	0.00
47		2-Chloronaphthalene	1.155	1.124	2.7	58	0.00

Sample Results: **BF143210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	0.362	0.373	-3.0	56	0.00
49		Acenaphthylene	1.935	1.886	2.5	57	0.00
50		Dimethylphthalate	1.304	1.287	1.3	57	0.00
51		2,6-Dinitrotoluene	0.265	0.272	-2.6	55	0.00
52	C	Acenaphthene	1.144	1.132	1.0	58	0.00
53		3-Nitroaniline	0.310	0.321	-3.5	57	0.00
54	P	2,4-Dinitrophenol	0.098	0.121	-23.5	66	0.00
55		Dibenzofuran	1.698	1.669	1.7	58	0.00
56	P	4-Nitrophenol	0.232	0.241	-3.9	55	0.00
57		2,4-Dinitrotoluene	0.333	0.361	-8.4	58	0.00
58		Fluorene	1.274	1.270	0.3	59	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.297	10.3	50	0.00
60		Diethylphthalate	1.289	1.275	1.1	57	0.00
61		4-Chlorophenyl-phenylether	0.635	0.635	0.0	59	0.00
62		4-Nitroaniline	0.266	0.288	-8.3	58	0.00
63		Azobenzene	1.343	1.305	2.8	56	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	57	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.106	-12.8	62	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.668	5.1	57	0.00
67		4-Bromophenyl-phenylether	0.238	0.229	3.8	57	0.00
68		Hexachlorobenzene	0.249	0.244	2.0	58	0.00
69		Atrazine	0.194	0.204	-5.2	59	0.00
70	C	Pentachlorophenol	0.147	0.134	8.8	52	0.00
71		Phenanthrene	1.062	1.044	1.7	58	0.00
72		Anthracene	1.083	1.077	0.6	59	0.00
73		Carbazole	0.946	0.981	-3.7	60	0.00
74		Di-n-butylphthalate	1.070	1.183	-10.6	63	0.00
75	C	Fluoranthene	0.975	1.087	-11.5	65	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	77	0.00
77		Benzidine	0.771	0.784	-1.7	63	0.00
78		Pyrene	1.707	1.483	13.1	67	0.00
79	S	Terphenyl-d14	1.344	1.178	12.4	69	0.00
80		Butylbenzylphthalate	0.523	0.616	-17.8	87	0.00
81		Benzo(a)anthracene	1.339	1.274	4.9	77	0.00
82		3,3'-Dichlorobenzidine	0.446	0.430	3.6	77	0.00
83		Chrysene	1.204	1.200	0.3	77	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.860	-8.7	84	0.00
85	c	Di-n-octyl phthalate	1.434	1.441	-0.5	80	0.00
86	I	Perylene-d12	1.000	1.000	0.0	76	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.357	3.8	73	0.00
88		Benzo(b)fluoranthene	1.222	1.277	-4.5	84	0.00
89		Benzo(k)fluoranthene	1.090	0.998	8.4	67	0.00
90	C	Benzo(a)pyrene	1.126	1.108	1.6	75	0.00
91		Dibenzo(a,h)anthracene	1.148	1.110	3.3	73	0.00
92		Benzo(g,h,i)perylene	1.110	1.097	1.2	75	0.00

Sample Results: **BF143210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

Sample Results: **BF143210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	58	0.00
2		1,4-Dioxane	40.000	39.043	2.4	57	-0.02
3		Pyridine	40.000	37.501	6.2	55	-0.01
4		n-Nitrosodimethylamine	40.000	38.857	2.9	56	-0.02
5	S	2-Fluorophenol	80.000	78.697	1.6	59	0.00
6		Aniline	40.000	37.330	6.7	55	0.00
7	S	Phenol-d6	80.000	76.594	4.3	57	0.00
8		2-Chlorophenol	40.000	39.203	2.0	58	0.00
9		Benzaldehyde	40.000	35.749	10.6	43	0.00
10	C	Phenol	40.000	39.837	0.4	59	0.00
11		bis(2-Chloroethyl)ether	40.000	37.812	5.5	56	0.00
12		1,3-Dichlorobenzene	40.000	40.124	-0.3	60	0.00
13	C	1,4-Dichlorobenzene	40.000	39.792	0.5	59	0.00
14		1,2-Dichlorobenzene	40.000	40.116	-0.3	60	0.00
15		Benzyl Alcohol	40.000	38.639	3.4	56	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.612	6.0	56	0.00
17		2-Methylphenol	40.000	38.282	4.3	57	0.00
18		Hexachloroethane	40.000	41.296	-3.2	61	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.393	9.0	55	0.00
20		3+4-Methylphenols	40.000	39.051	2.4	57	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	57	0.00
22		Acetophenone	40.000	38.853	2.9	57	0.00
23	S	Nitrobenzene-d5	80.000	81.332	-1.7	58	0.00
24		Nitrobenzene	40.000	40.321	-0.8	57	0.00
25		Isophorone	40.000	37.791	5.5	55	0.00
26	C	2-Nitrophenol	40.000	44.072	-10.2	59	0.00
27		2,4-Dimethylphenol	40.000	38.169	4.6	55	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.737	5.7	55	0.00
29	C	2,4-Dichlorophenol	40.000	39.391	1.5	57	0.00
30		1,2,4-Trichlorobenzene	40.000	40.763	-1.9	59	0.00
31		Naphthalene	40.000	39.723	0.7	58	0.00
32		Benzoic acid	40.000	41.627	-4.1	60	0.00
33		4-Chloroaniline	40.000	38.259	4.4	56	0.00
34	C	Hexachlorobutadiene	40.000	40.960	-2.4	59	0.00
35		Caprolactam	40.000	40.895	-2.2	56	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.764	3.1	56	0.00
37		2-Methylnaphthalene	40.000	39.580	1.1	58	0.00
38		1-Methylnaphthalene	40.000	39.872	0.3	58	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	56	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.956	0.1	59	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.082	-5.2	60	0.00
42	S	2,4,6-Tribromophenol	80.000	78.251	2.2	54	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.625	3.4	57	0.00
44		2,4,5-Trichlorophenol	40.000	40.211	-0.5	56	0.00
45	S	2-Fluorobiphenyl	80.000	79.441	0.7	60	0.00
46		1,1'-Biphenyl	40.000	39.454	1.4	58	0.00
47		2-Chloronaphthalene	40.000	38.957	2.6	58	0.00

Sample Results: **BF143210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	41.188	-3.0	56	0.00
49		Acenaphthylene	40.000	38.989	2.5	57	0.00
50		Dimethylphthalate	40.000	39.503	1.2	57	0.00
51		2,6-Dinitrotoluene	40.000	41.014	-2.5	55	0.00
52	C	Acenaphthene	40.000	39.605	1.0	58	0.00
53		3-Nitroaniline	40.000	41.423	-3.6	57	0.00
54	P	2,4-Dinitrophenol	40.000	43.601	-9.0	66	0.00
55		Dibenzofuran	40.000	39.327	1.7	58	0.00
56	P	4-Nitrophenol	40.000	41.556	-3.9	55	0.00
57		2,4-Dinitrotoluene	40.000	43.429	-8.6	58	0.00
58		Fluorene	40.000	39.871	0.3	59	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	35.835	10.4	50	0.00
60		Diethylphthalate	40.000	39.593	1.0	57	0.00
61		4-Chlorophenyl-phenylether	40.000	40.030	-0.1	59	0.00
62		4-Nitroaniline	40.000	43.376	-8.4	58	0.00
63		Azobenzene	40.000	38.867	2.8	56	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	57	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.322	-3.3	62	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.925	5.2	57	0.00
67		4-Bromophenyl-phenylether	40.000	38.488	3.8	57	0.00
68		Hexachlorobenzene	40.000	39.109	2.2	58	0.00
69		Atrazine	40.000	42.107	-5.3	59	0.00
70	C	Pentachlorophenol	40.000	36.572	8.6	52	0.00
71		Phenanthrene	40.000	39.306	1.7	58	0.00
72		Anthracene	40.000	39.761	0.6	59	0.00
73		Carbazole	40.000	41.500	-3.8	60	0.00
74		Di-n-butylphthalate	40.000	44.219	-10.5	63	0.00
75	C	Fluoranthene	40.000	44.615	-11.5	65	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	77	0.00
77		Benzidine	40.000	40.712	-1.8	63	0.00
78		Pyrene	40.000	34.761	13.1	67	0.00
79	S	Terphenyl-d14	80.000	70.144	12.3	69	0.00
80		Butylbenzylphthalate	40.000	47.140	-17.9	87	0.00
81		Benzo(a)anthracene	40.000	38.065	4.8	77	0.00
82		3,3'-Dichlorobenzidine	40.000	38.576	3.6	77	0.00
83		Chrysene	40.000	39.878	0.3	77	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.463	-8.7	84	0.00
85	c	Di-n-octyl phthalate	40.000	40.193	-0.5	80	0.00
86	I	Perylene-d12	20.000	20.000	0.0	76	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.487	3.8	73	0.00
88		Benzo(b)fluoranthene	40.000	41.819	-4.5	84	0.00
89		Benzo(k)fluoranthene	40.000	36.623	8.4	67	0.00
90	C	Benzo(a)pyrene	40.000	39.377	1.6	75	0.00
91		Dibenzo(a,h)anthracene	40.000	38.668	3.3	73	0.00
92		Benzo(g,h,i)perylene	40.000	39.524	1.2	75	0.00

Sample Results: **BF143210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 19:54

Lab File ID: BF143221.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.184		-6.3	50.0
Phenol-d6	1.591	1.484		-6.7	50.0
Nitrobenzene-d5	0.401	0.407		1.5	50.0
Naphthalene	0.985	0.969		-1.6	50.0
2-Methylnaphthalene	0.599	0.584		-2.5	50.0
2-Fluorobiphenyl	1.462	1.438		-1.7	50.0
Acenaphthylene	1.935	1.893		-2.2	50.0
Acenaphthene	1.144	1.148		0.3	50.0
Fluorene	1.274	1.254		-1.6	50.0
2,4,6-Tribromophenol	0.207	0.204		-1.4	50.0
Phenanthrene	1.062	1.037		-2.4	50.0
Anthracene	1.083	1.044		-3.6	50.0
Fluoranthene	0.975	0.987		1.2	50.0
Pyrene	1.707	1.606		-5.9	50.0
Terphenyl-d14	1.344	1.260		-6.3	50.0
Benzo(a)anthracene	1.339	1.334		-0.4	50.0
Chrysene	1.204	1.132		-6.0	50.0
Benzo(b)fluoranthene	1.222	1.276		4.4	50.0
Benzo(k)fluoranthene	1.090	1.000		-8.3	50.0
Benzo(a)pyrene	1.126	1.111		-1.3	50.0
Indeno(1,2,3-cd)pyrene	1.410	1.398		-0.9	50.0
Dibenzo(a,h)anthracene	1.148	1.145		-0.3	50.0
Benzo(g,h,i)perylene	1.110	1.124		1.3	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	121585	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	458358	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	235193	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	388311	20.000	ng		0.00
76) Chrysene-d12	14.121	240	239918	20.000	ng		0.00
86) Perylene-d12	15.621	264	260552	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	575731	74.933	ng		0.00
7) Phenol-d6	6.587	99	721856	74.643	ng		0.00
23) Nitrobenzene-d5	7.522	82	746822	81.218	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	192118	79.071	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1352359	78.638	ng		0.00
79) Terphenyl-d14	13.069	244	1209203	75.002	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	134316	36.945	ng		99
3) Pyridine	3.575	79	348536	36.936	ng		99
4) n-Nitrosodimethylamine	3.516	42	184177	37.804	ng		99
6) Aniline	6.622	93	492671	36.553	ng		98
8) 2-Chlorophenol	6.751	128	308145	38.262	ng		98
9) Benzaldehyde	6.510	77	253502	34.958	ng		98
10) Phenol	6.604	94	409863	38.903	ng		96
11) bis(2-Chloroethyl)ether	6.692	93	302736	37.530	ng		99
12) 1,3-Dichlorobenzene	6.904	146	334843	38.273	ng		100
13) 1,4-Dichlorobenzene	6.981	146	342417	38.864	ng		100
14) 1,2-Dichlorobenzene	7.134	146	322055	38.432	ng		100
15) Benzyl Alcohol	7.098	79	285034	38.601	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	565509	37.792	ng		100
17) 2-Methylphenol	7.210	107	260645	38.491	ng		99
18) Hexachloroethane	7.481	117	122749	40.244	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	229690	37.020	ng		99
20) 3+4-Methylphenols	7.363	107	314738	38.309	ng	#	77
22) Acetophenone	7.369	105	414569	38.203	ng	#	99
24) Nitrobenzene	7.539	77	341419	39.826	ng		99
25) Isophorone	7.781	82	625867	38.556	ng		98
26) 2-Nitrophenol	7.857	139	168496	45.287	ng		99
27) 2,4-Dimethylphenol	7.892	122	294696	38.857	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	375135	38.544	ng		99
29) 2,4-Dichlorophenol	8.098	162	254354	39.769	ng		100
30) 1,2,4-Trichlorobenzene	8.186	180	272980	39.506	ng		100
31) Naphthalene	8.269	128	888648	39.367	ng		99
32) Benzoic acid	7.992	122	179361	42.633	ng		99
33) 4-Chloroaniline	8.310	127	347284	37.678	ng		99
34) Hexachlorobutadiene	8.386	225	169752	40.216	ng		99
35) Caprolactam	8.669	113	79704	41.239	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	273054	39.279	ng		98
37) 2-Methylnaphthalene	8.957	142	535718	39.000	ng		100
38) 1-Methylnaphthalene	9.057	142	558905	39.512	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	271052	39.918	ng		100
41) Hexachlorocyclopentadiene	9.116	237	186455	42.201	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	185114	39.390	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

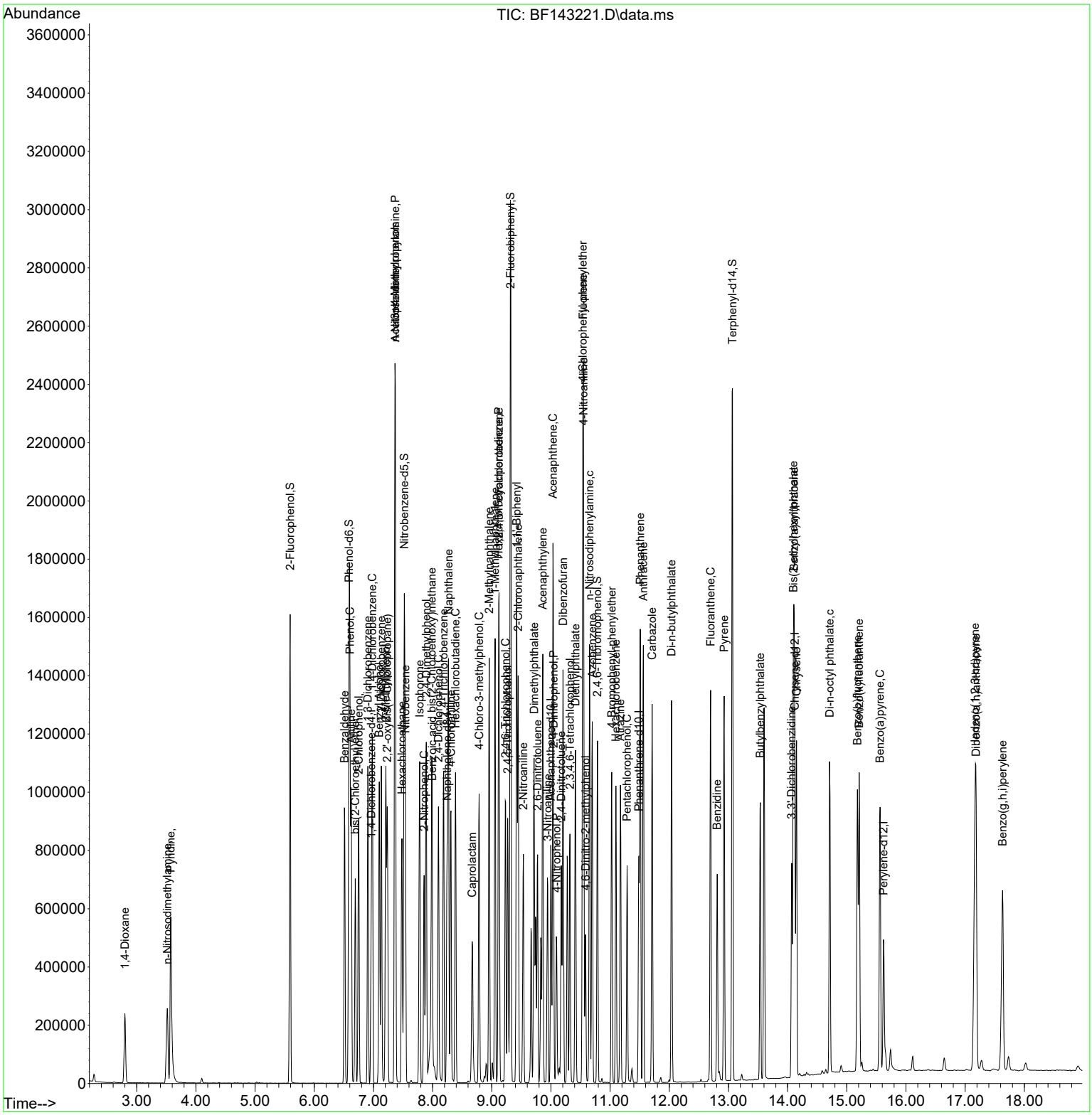
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	192146	40.875	ng		98
46) 1,1'-Biphenyl	9.422	154	732610	39.925	ng		100
47) 2-Chloronaphthalene	9.445	162	537315	39.574	ng		100
48) 2-Nitroaniline	9.533	65	181690	42.672	ng		99
49) Acenaphthylene	9.863	152	890386	39.131	ng		100
50) Dimethylphthalate	9.716	163	617764	40.296	ng		99
51) 2,6-Dinitrotoluene	9.775	165	135289	43.380	ng		97
52) Acenaphthene	10.033	154	539986	40.152	ng		99
53) 3-Nitroaniline	9.945	138	147684	40.486	ng		96
54) 2,4-Dinitrophenol	10.045	184	63769	48.021	ng	#	52
55) Dibenzofuran	10.204	168	781320	39.131	ng		99
56) 4-Nitrophenol	10.092	139	111895	41.078	ng		98
57) 2,4-Dinitrotoluene	10.175	165	177032	45.245	ng		95
58) Fluorene	10.545	166	590047	39.375	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	145668	37.408	ng		99
60) Diethylphthalate	10.416	149	611236	40.338	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	296476	39.732	ng		99
62) 4-Nitroaniline	10.551	138	130501	41.742	ng		99
63) Azobenzene	10.698	77	623709	39.494	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	91197	45.161	ng		97
66) n-Nitrosodiphenylamine	10.651	169	521954	38.172	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	179887	38.872	ng		99
68) Hexachlorobenzene	11.098	284	188132	38.896	ng		99
69) Atrazine	11.175	200	160879	42.677	ng		99
70) Pentachlorophenol	11.286	266	115781	40.704	ng		98
71) Phenanthrene	11.510	178	805603	39.073	ng		100
72) Anthracene	11.563	178	810907	38.563	ng		99
73) Carbazole	11.710	167	721548	39.296	ng		100
74) Di-n-butylphthalate	12.039	149	896871	43.168	ng		100
75) Fluoranthene	12.698	202	766728	40.515	ng		99
77) Benzidine	12.810	184	375180	40.589	ng		99
78) Pyrene	12.927	202	770682	37.639	ng		99
80) Butylbenzylphthalate	13.539	149	310396	49.505	ng		97
81) Benzo(a)anthracene	14.110	228	639877	39.837	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	212028	39.606	ng		99
83) Chrysene	14.151	228	543320	37.622	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	424006	44.678	ng		99
85) Di-n-octyl phthalate	14.710	149	701660	40.789	ng		98
87) Indeno(1,2,3-cd)pyrene	17.168	276	728424	39.648	ng		98
88) Benzo(b)fluoranthene	15.180	252	664764	41.763	ng		100
89) Benzo(k)fluoranthene	15.210	252	520903	36.673	ng		100
90) Benzo(a)pyrene	15.562	252	579199	39.494	ng		100
91) Dibenzo(a,h)anthracene	17.186	278	596645	39.899	ng		98
92) Benzo(g,h,i)perylene	17.633	276	585525	40.478	ng		98

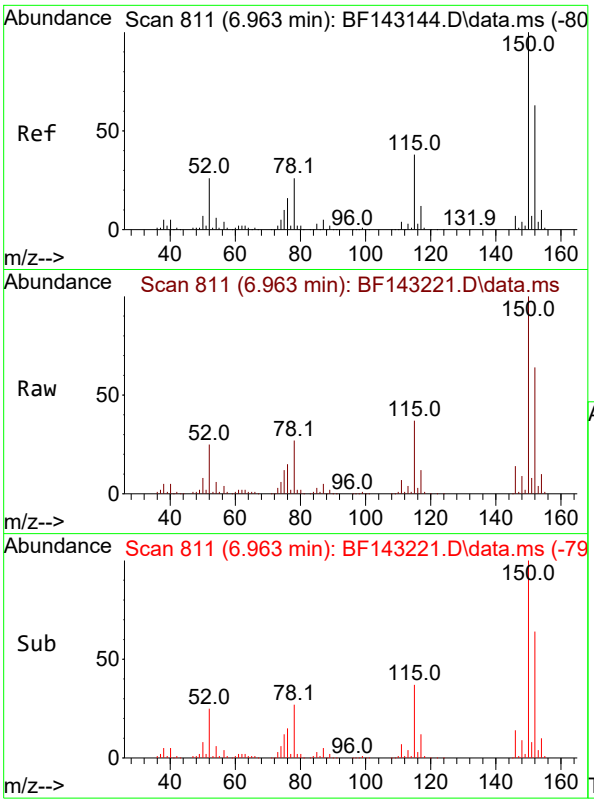
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



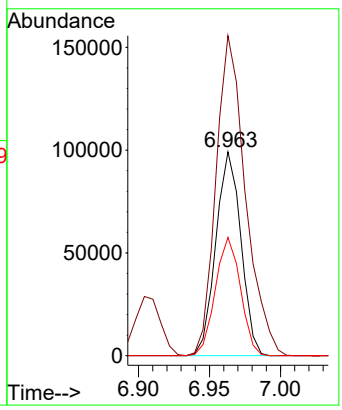


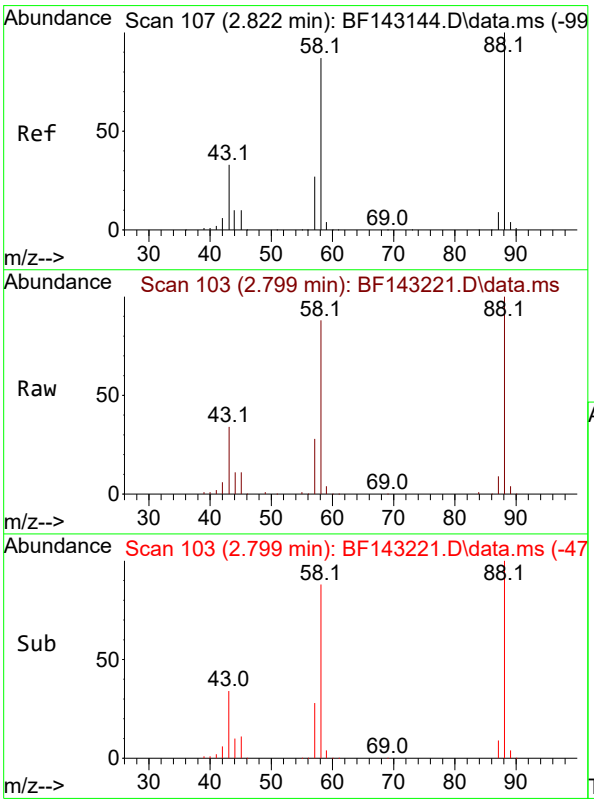
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 121585

Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.2	192.4
115	58.0	47.9	71.9

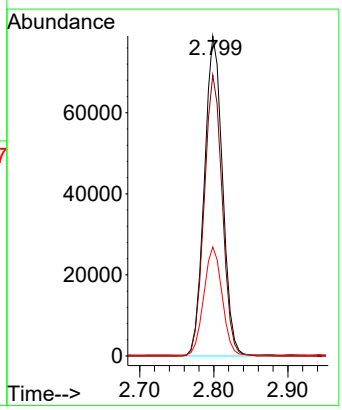


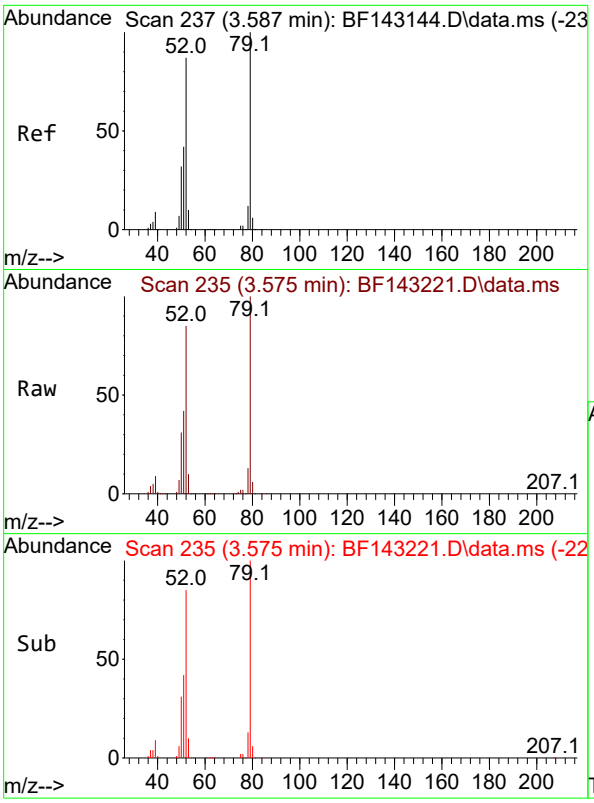


#2
1,4-Dioxane
Concen: 36.945 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.024 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 88 Resp: 134316

Ion	Ratio	Lower	Upper
88	100		
58	87.1	70.2	105.2
43	33.7	27.1	40.7



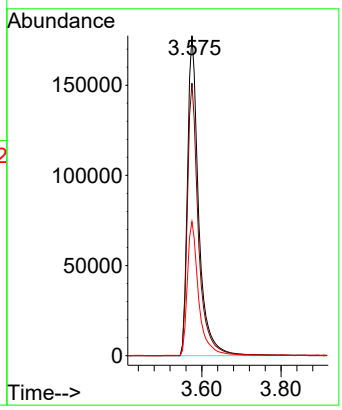


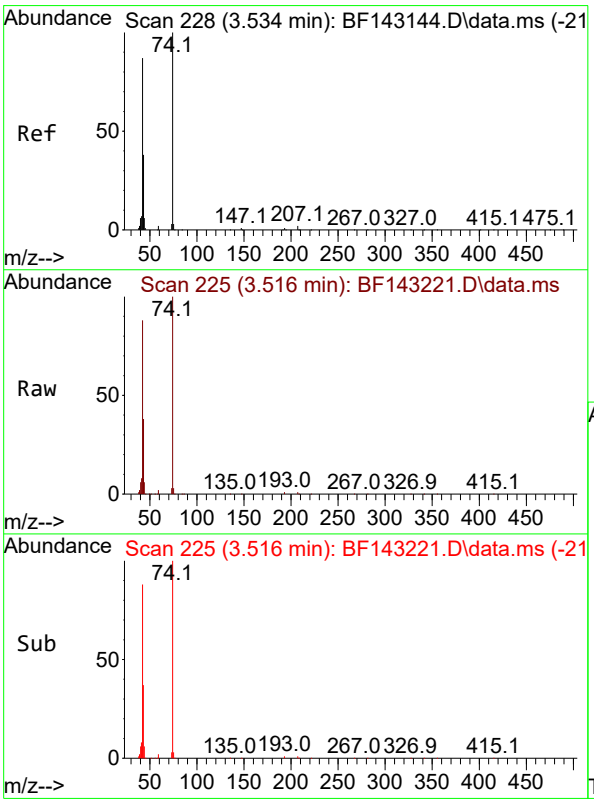
#3
Pyridine
Concen: 36.936 ng
RT: 3.575 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 348536

Ion	Ratio	Lower	Upper
79	100		
52	85.1	69.4	104.2
51	41.9	33.5	50.3

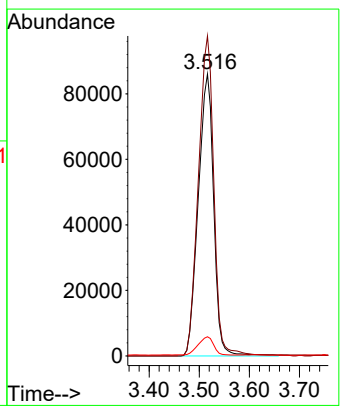


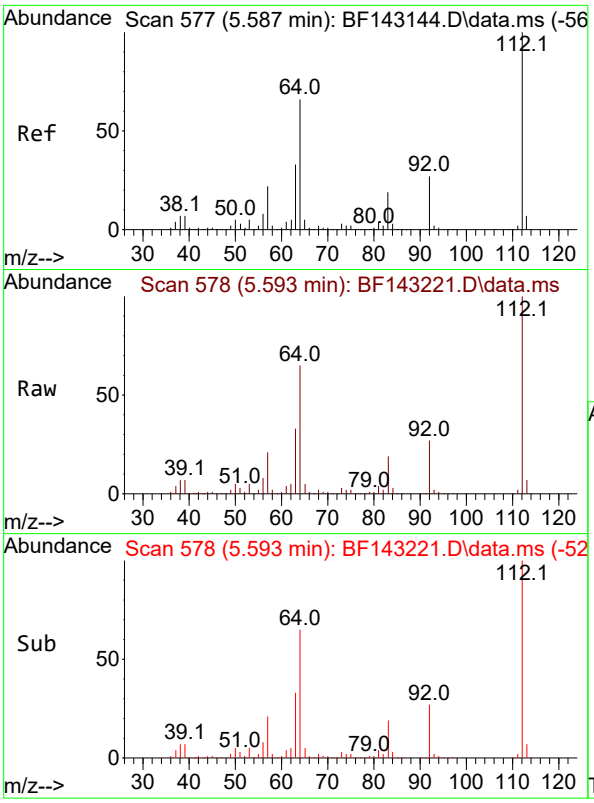


#4
n-Nitrosodimethylamine
Concen: 37.804 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 42 Resp: 184177

Ion	Ratio	Lower	Upper
42	100		
74	113.5	91.7	137.5
44	6.8	5.6	8.4



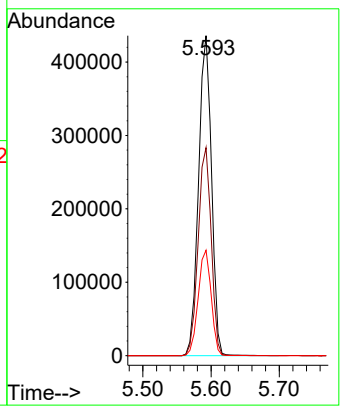


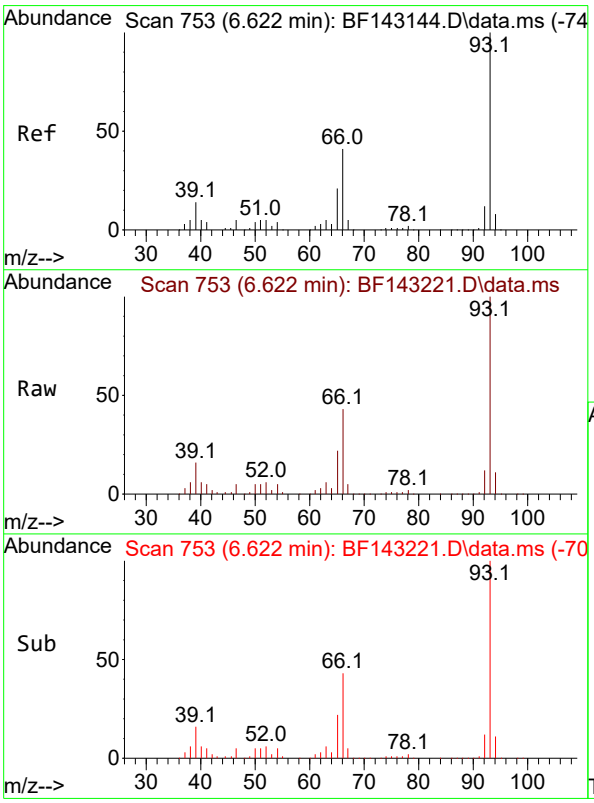
#5
2-Fluorophenol
Concen: 74.933 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 575731

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	32.9	26.6	40.0

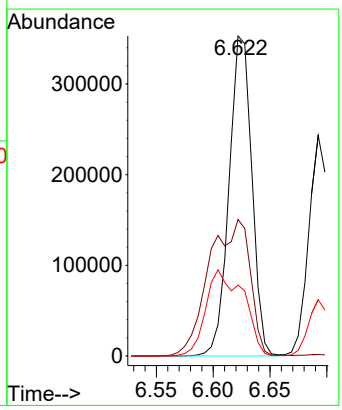


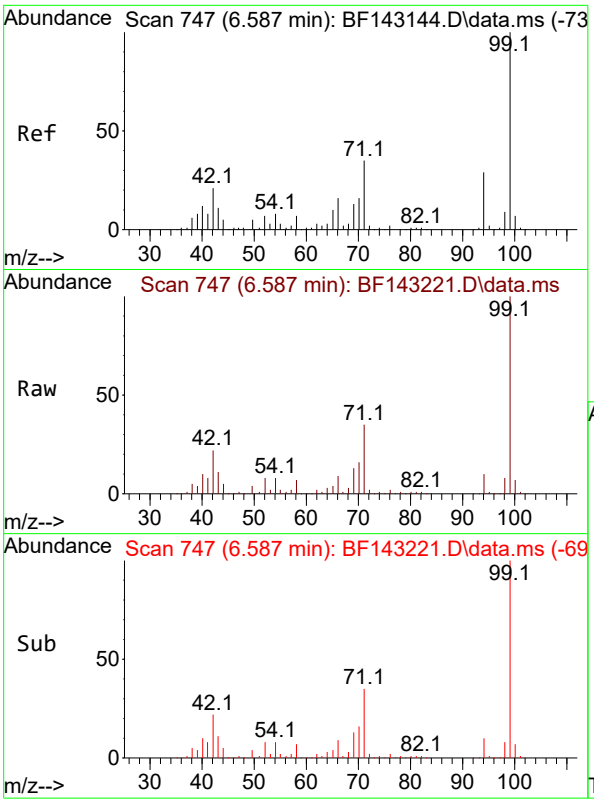


#6
Aniline
Concen: 36.553 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 93 Resp: 492671

Ion	Ratio	Lower	Upper
93	100		
66	42.6	33.2	49.8
65	22.1	16.9	25.3



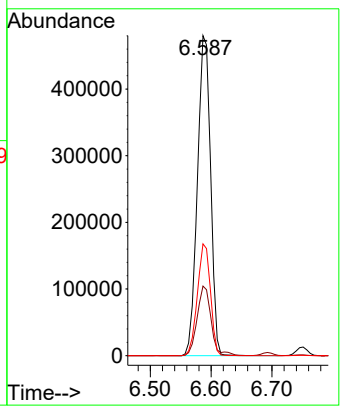


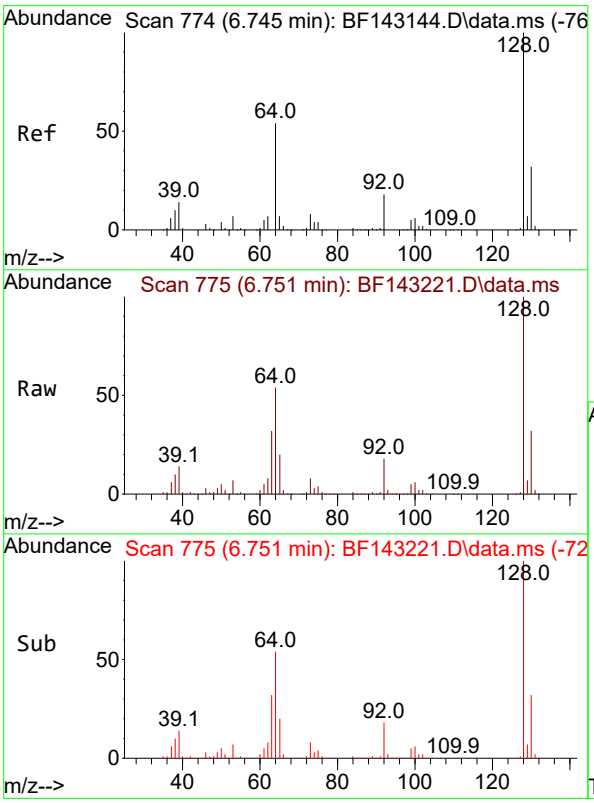
#7
Phenol-d6
Concen: 74.643 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 721856

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.0	25.6
71	34.9	27.7	41.5

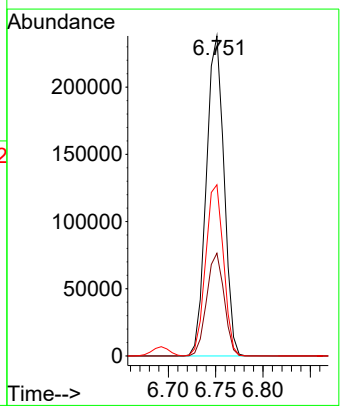


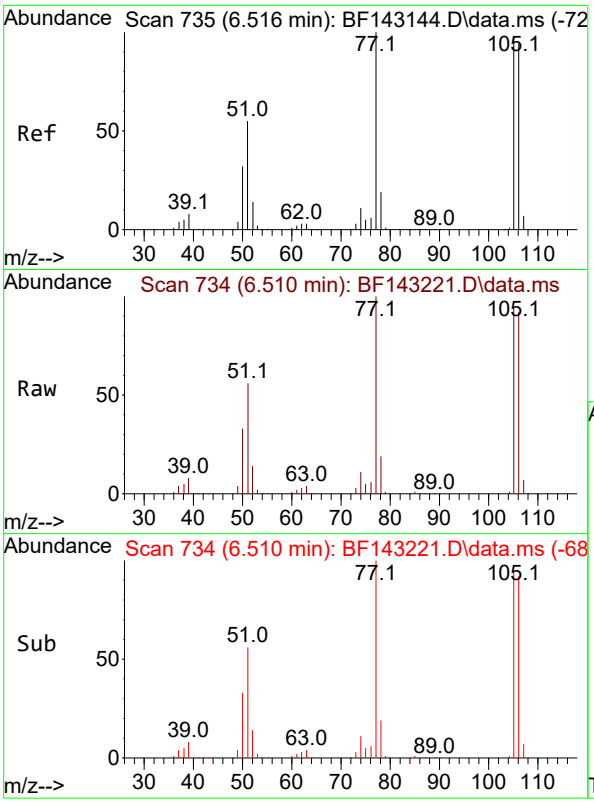


#8
2-Chlorophenol
Concen: 38.262 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:128 Resp: 308145

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	53.5	35.9	75.9



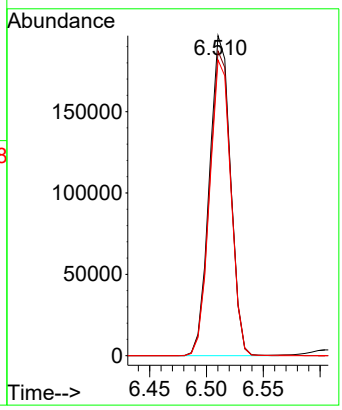


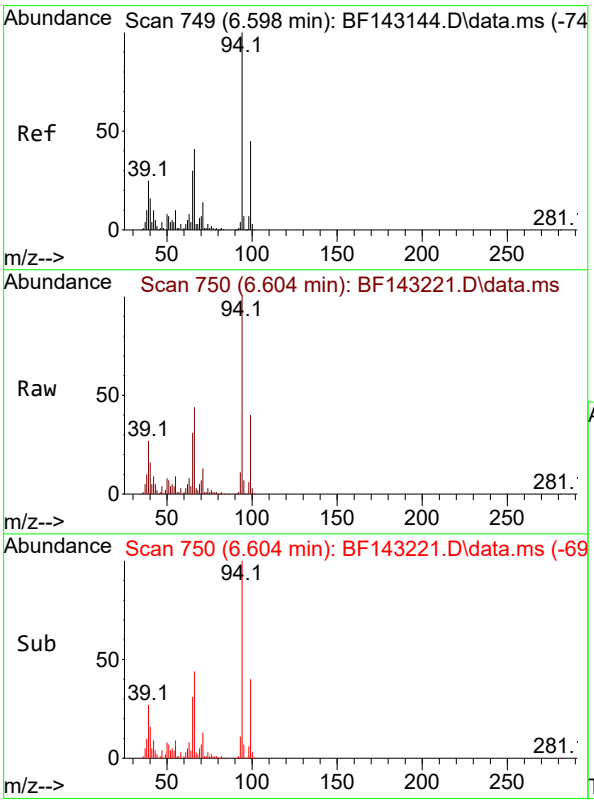
#9
Benzaldehyde
Concen: 34.958 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 253502

Ion	Ratio	Lower	Upper
77	100		
105	95.2	76.8	116.8
106	92.4	74.4	114.4

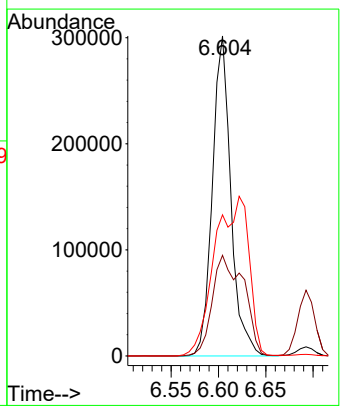


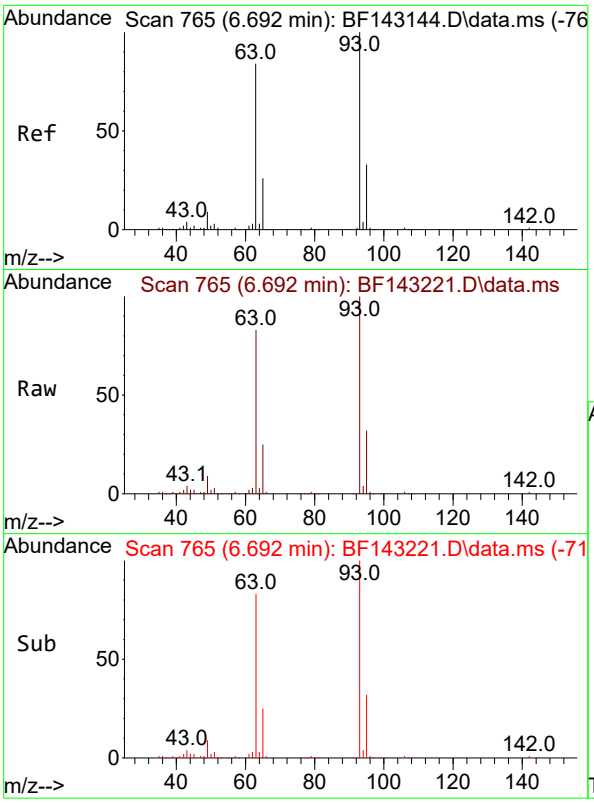


#10
Phenol
Concen: 38.903 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 94 Resp: 409863

Ion	Ratio	Lower	Upper
94	100		
65	31.5	10.0	50.0
66	44.1	20.8	60.8



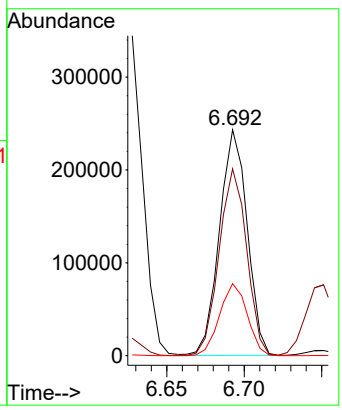


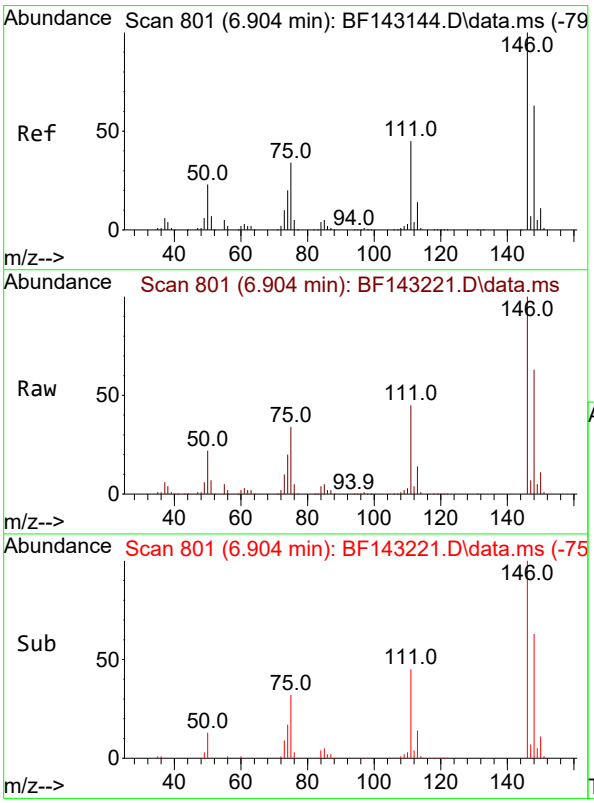
#11
bis(2-Chloroethyl)ether
Concen: 37.530 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 302736

Ion	Ratio	Lower	Upper
93	100		
63	82.7	63.4	103.4
95	31.9	12.4	52.4

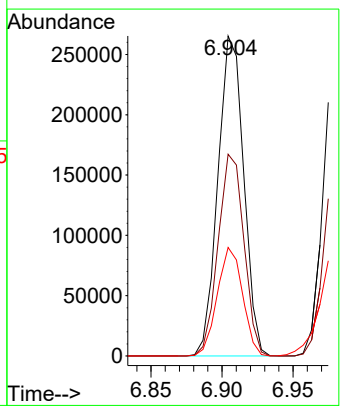


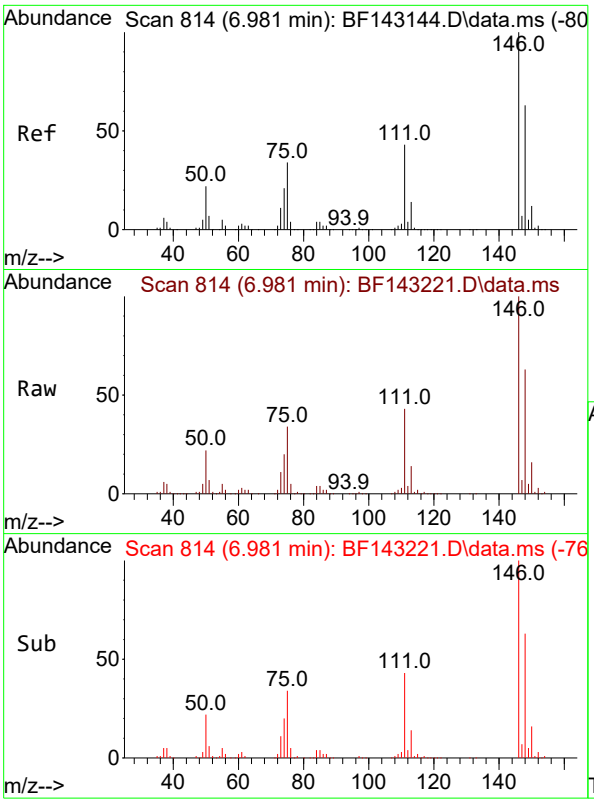


#12
1,3-Dichlorobenzene
Concen: 38.273 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:146 Resp: 334843

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
75	33.9	27.4	41.2



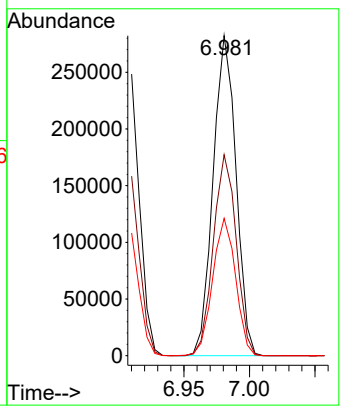


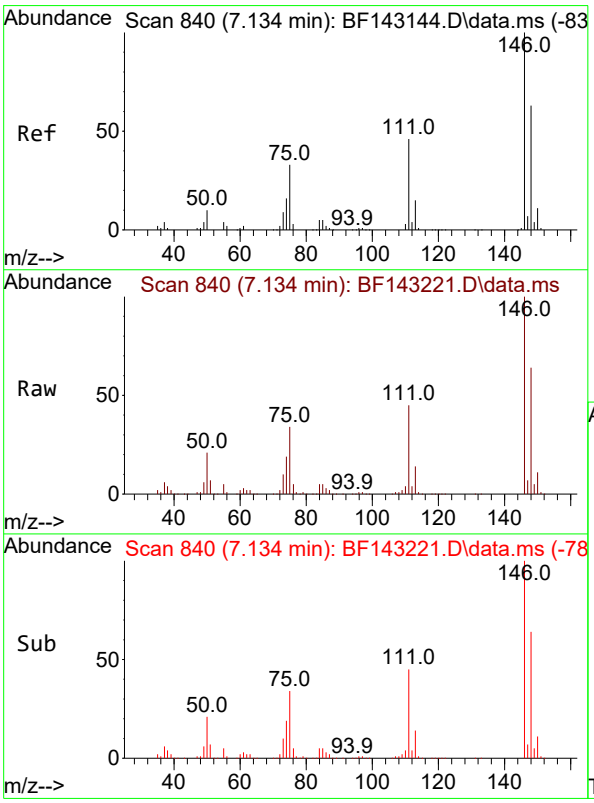
#13
1,4-Dichlorobenzene
Concen: 38.864 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 342417

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
111	42.9	34.4	51.6

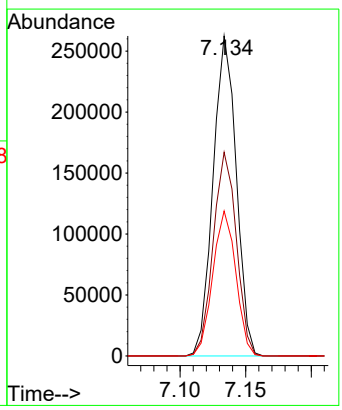


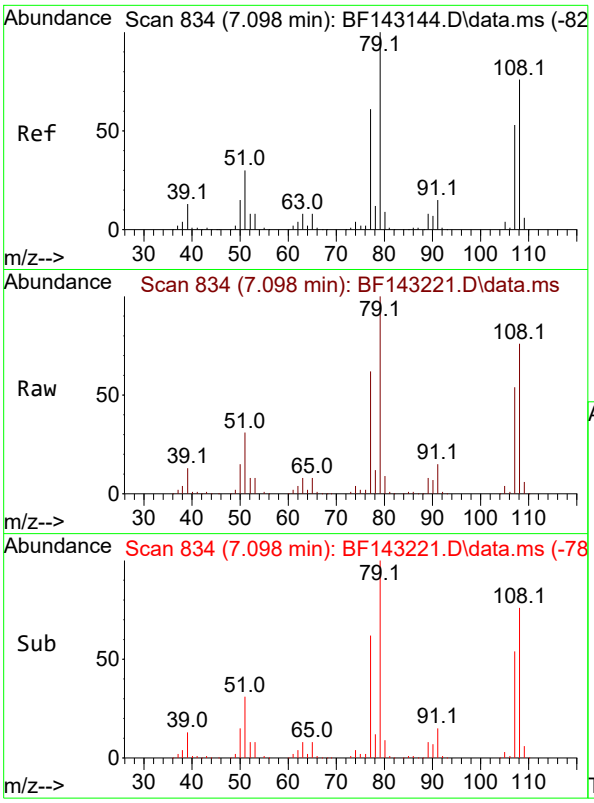


#14
1,2-Dichlorobenzene
Concen: 38.432 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:146 Resp: 322055

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	45.3	36.6	54.8



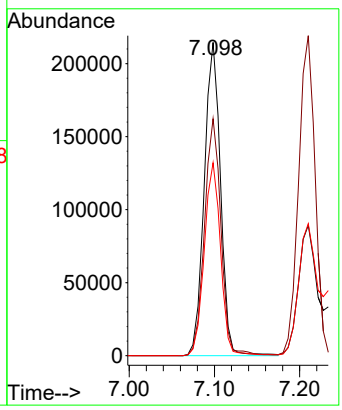


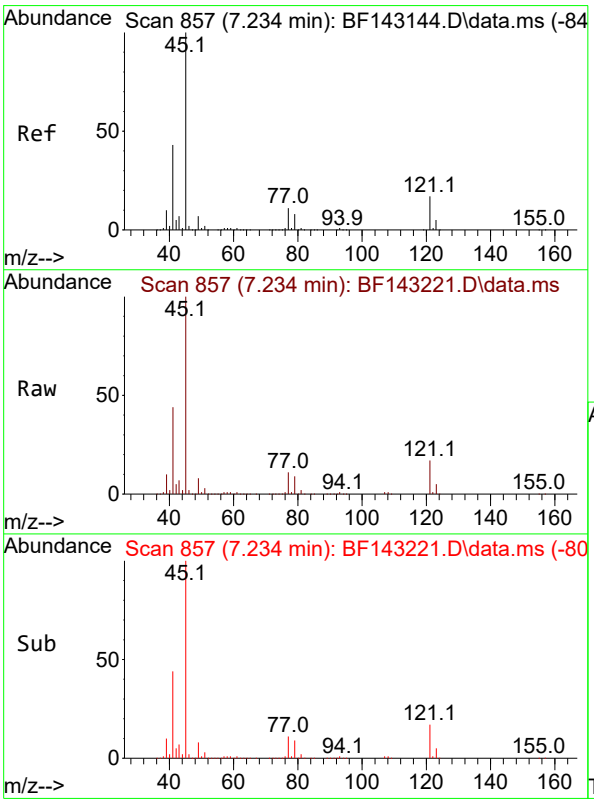
#15
Benzyl Alcohol
Concen: 38.601 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 285034

Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.1	91.7
77	61.6	48.9	73.3

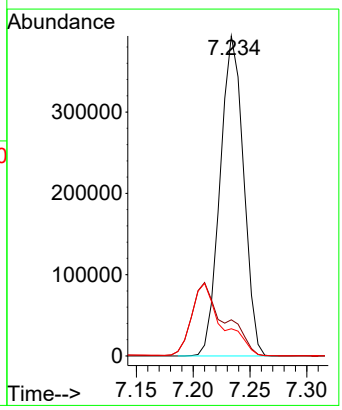


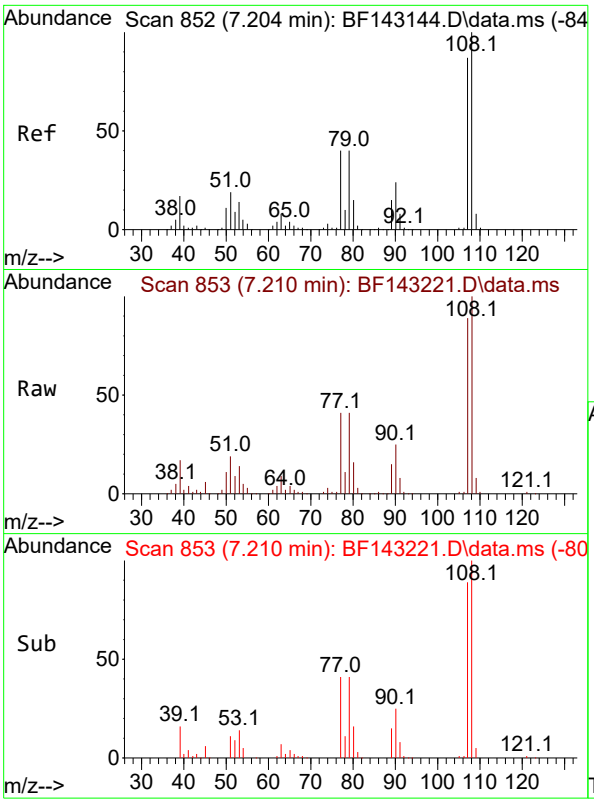


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.792 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 45 Resp: 565509

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.5	0.0	28.5



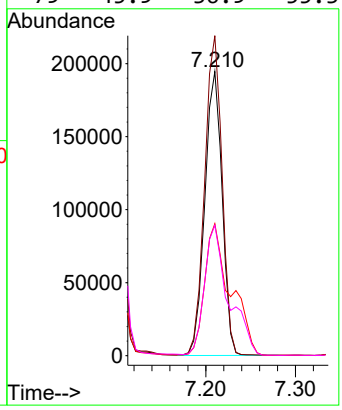


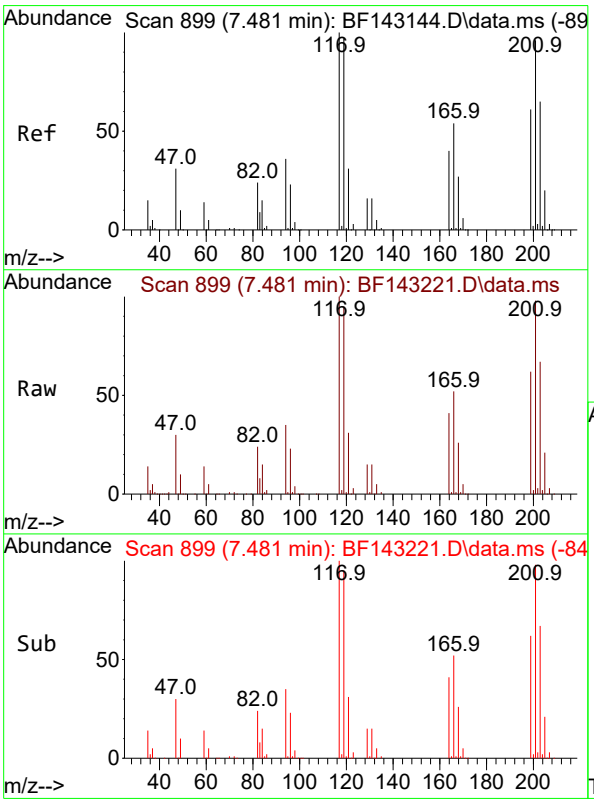
#17
2-Methylphenol
Concen: 38.491 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 260645

Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.8	137.6
77	46.5	37.0	55.6
79	45.9	36.9	55.3

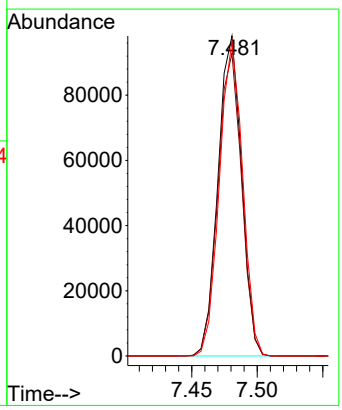


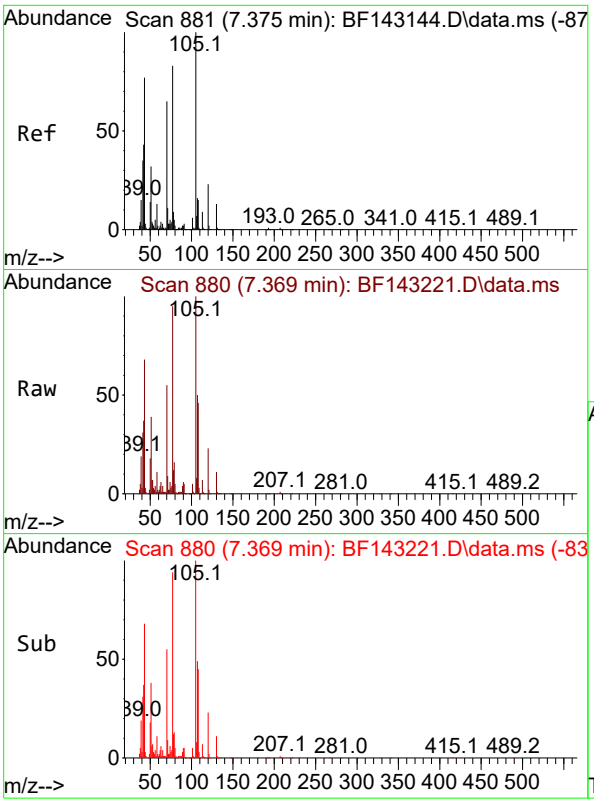


#18
Hexachloroethane
Concen: 40.244 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:117 Resp: 122749

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.8	116.8
201	98.3	77.0	115.4



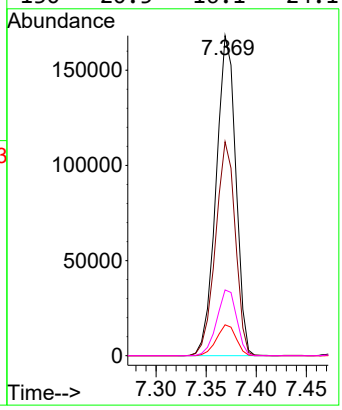


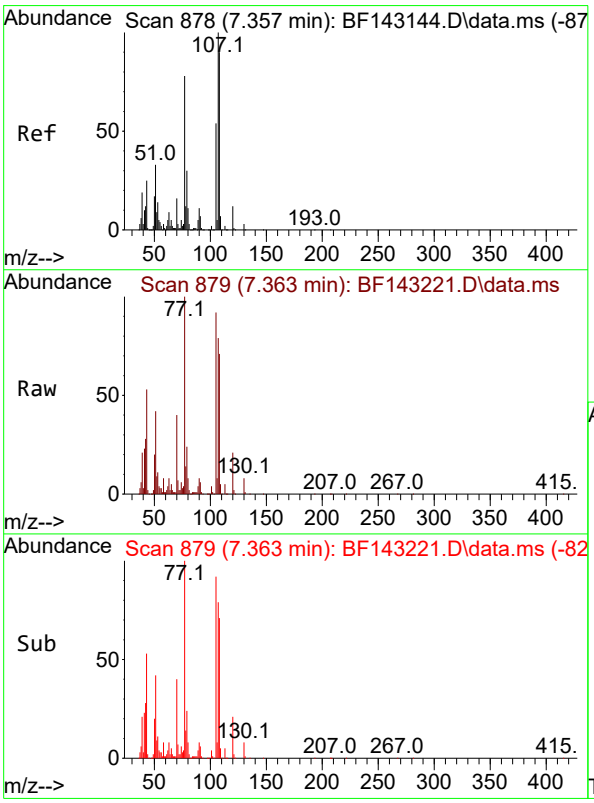
#19
n-Nitroso-di-n-propylamine
Concen: 37.020 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 229690

Ion	Ratio	Lower	Upper
70	100		
42	66.8	52.5	78.7
101	9.6	7.6	11.4
130	20.5	16.1	24.1

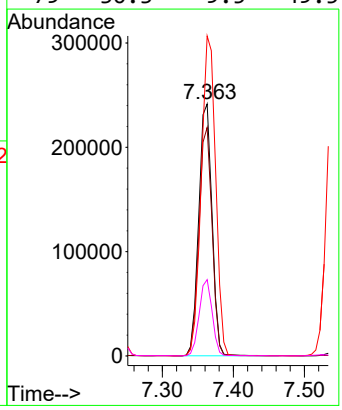


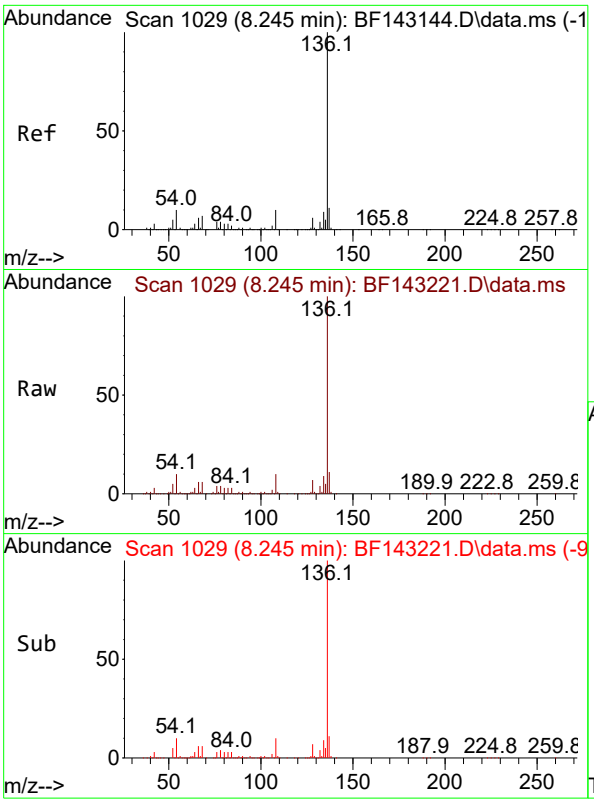


#20
3+4-Methylphenols
Concen: 38.309 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:107 Resp: 314738

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	127.0	57.8	97.8#
79	30.3	9.5	49.5



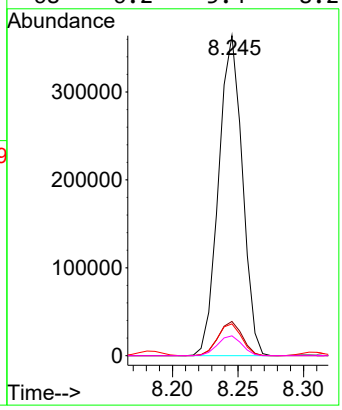


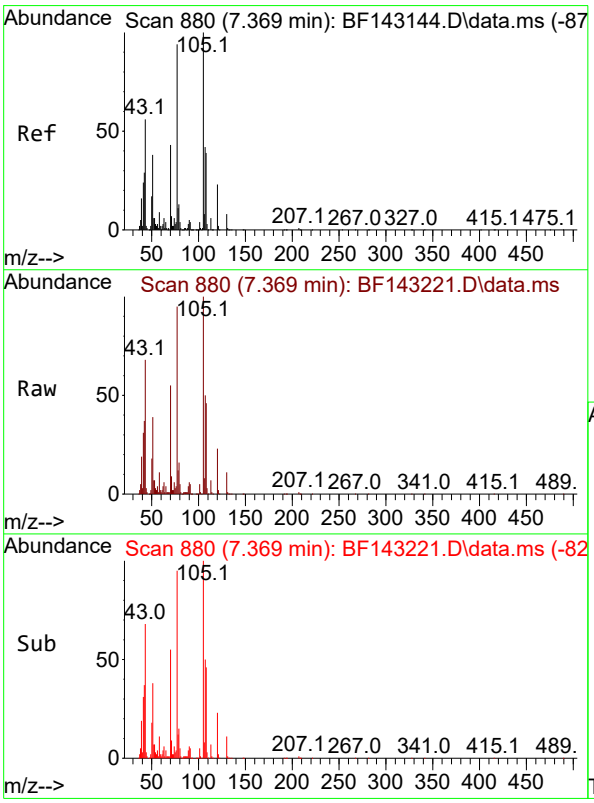
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 458358

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.0	8.2	12.2
68	6.2	5.4	8.2

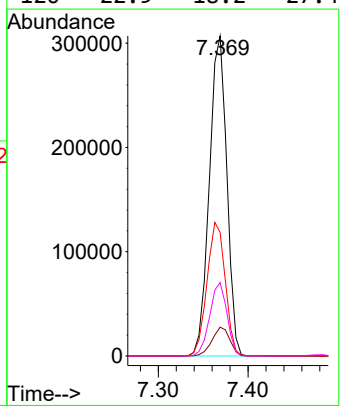


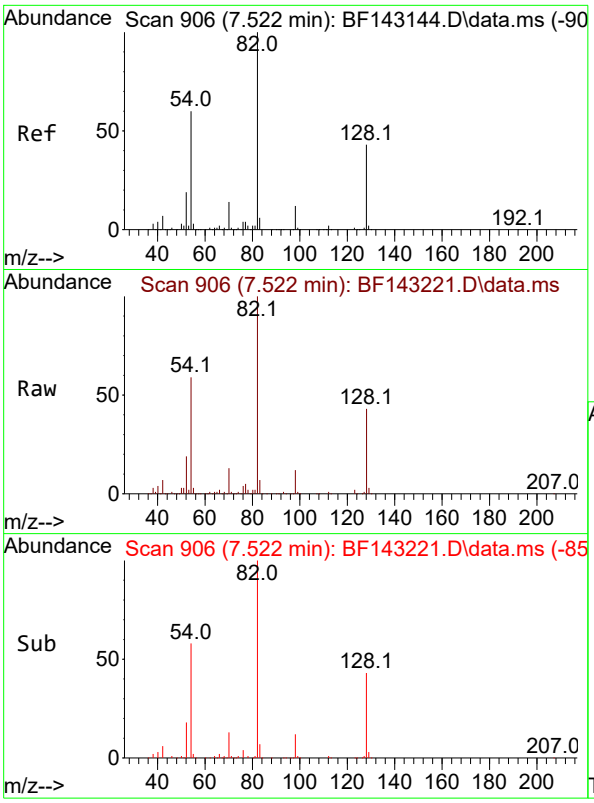


#22
Acetophenone
Concen: 38.203 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:105 Resp: 414569

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6#
51	38.6	30.2	45.2
120	22.9	18.2	27.4



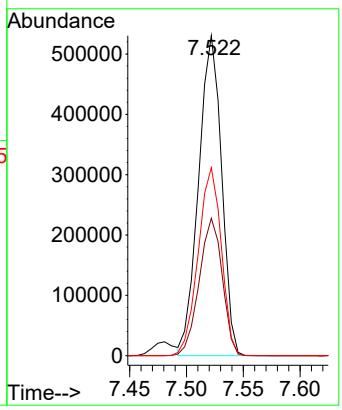


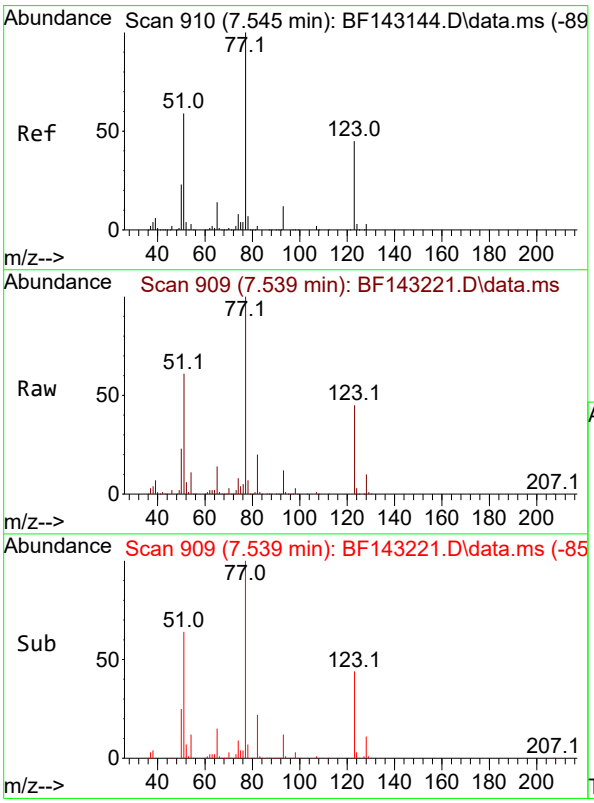
#23
Nitrobenzene-d5
Concen: 81.218 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 746822

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.6	50.4
54	58.7	47.1	70.7

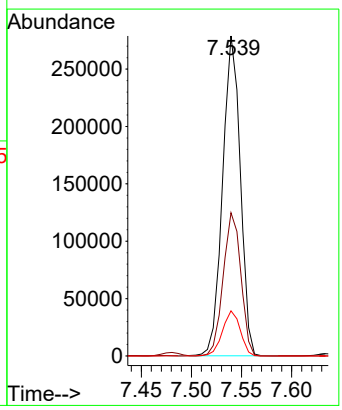


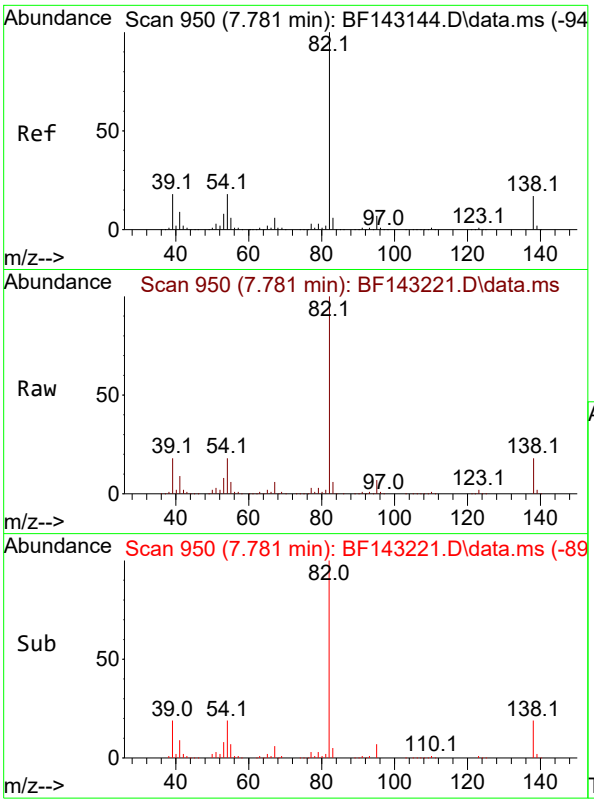


#24
Nitrobenzene
Concen: 39.826 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 77 Resp: 341419

Ion	Ratio	Lower	Upper
77	100		
123	44.7	36.1	54.1
65	14.1	11.4	17.2



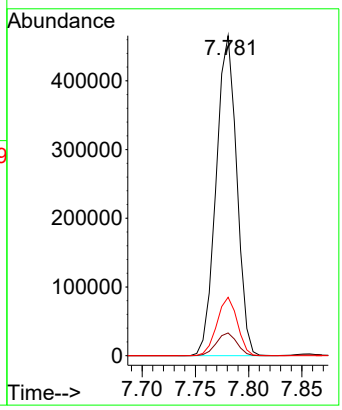


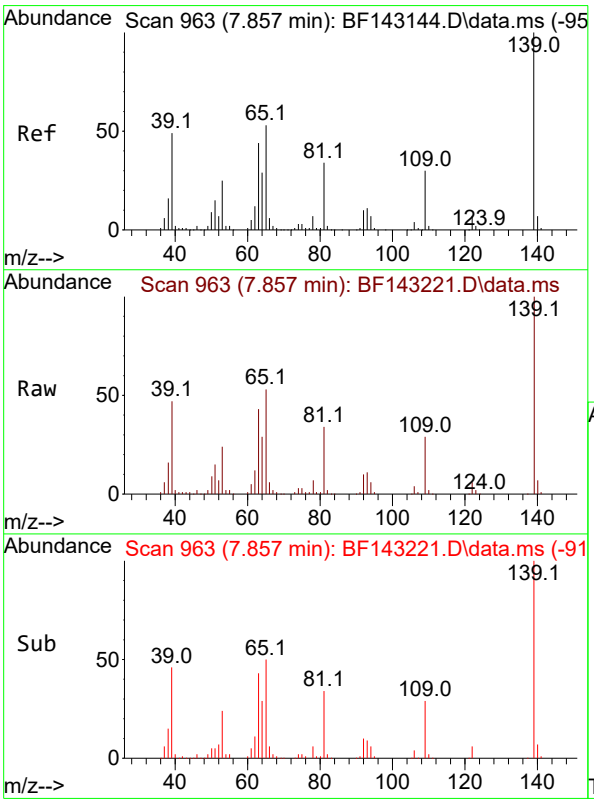
#25
Isophorone
Concen: 38.556 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 625867

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	18.3	13.8	20.8

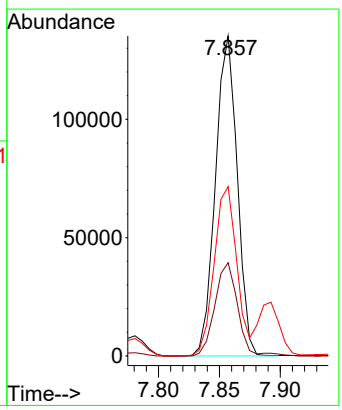


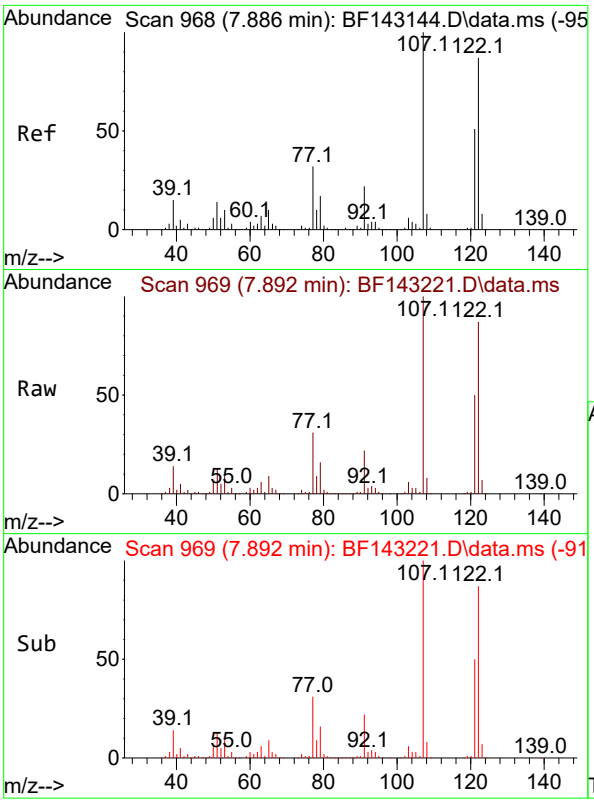


#26
2-Nitrophenol
Concen: 45.287 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:139 Resp: 168496

Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.6	35.4
65	52.9	42.6	64.0



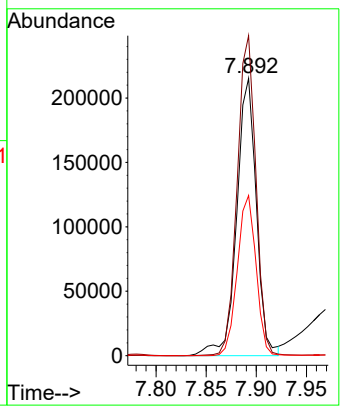


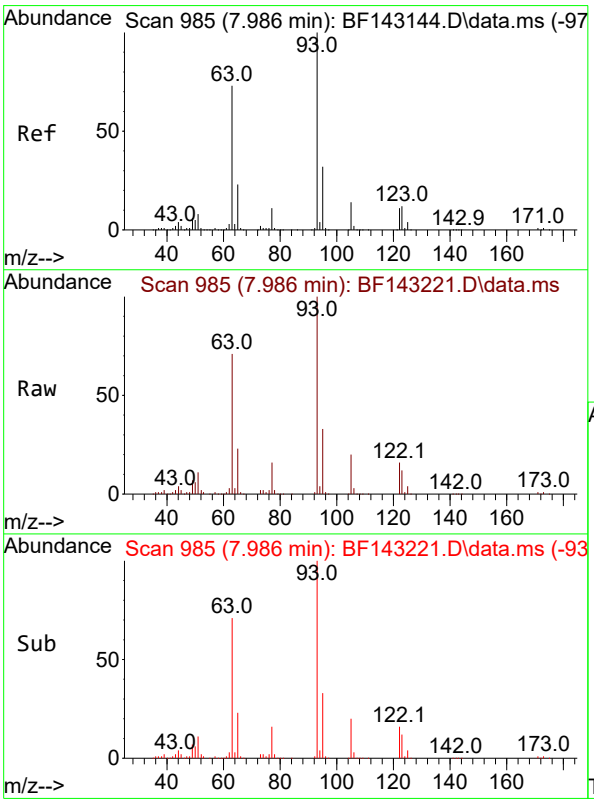
#27
2,4-Dimethylphenol
Concen: 38.857 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 294696

Ion	Ratio	Lower	Upper
122	100		
107	115.4	91.8	137.6
121	57.8	46.3	69.5

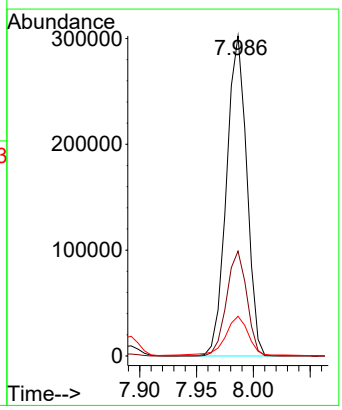


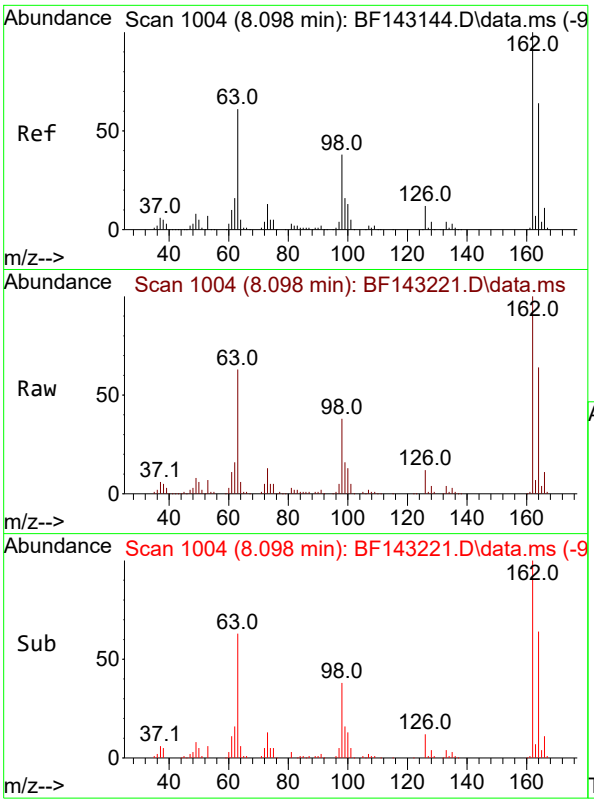


#28
bis(2-Chloroethoxy)methane
Concen: 38.544 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 93 Resp: 375135

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	12.4	9.7	14.5



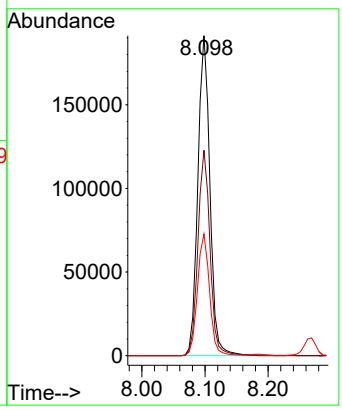


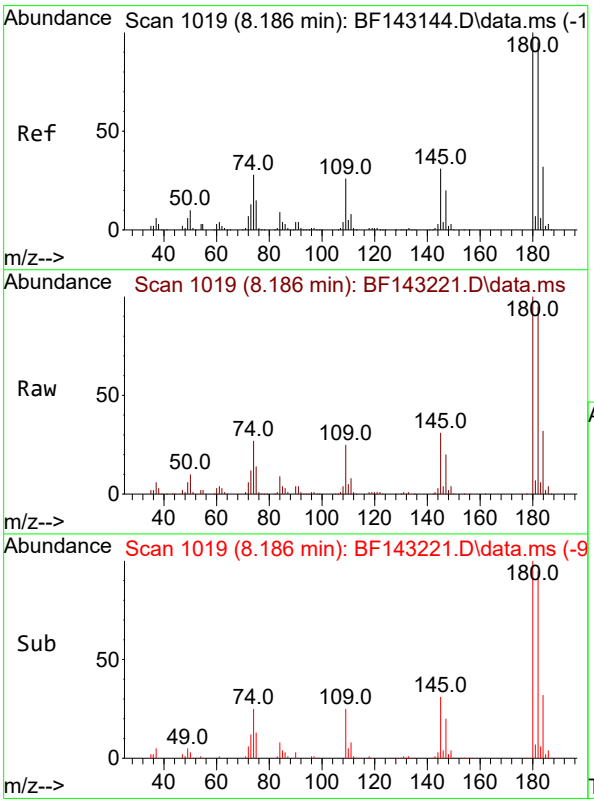
#29
2,4-Dichlorophenol
Concen: 39.769 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 254354

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.0	17.9	57.9

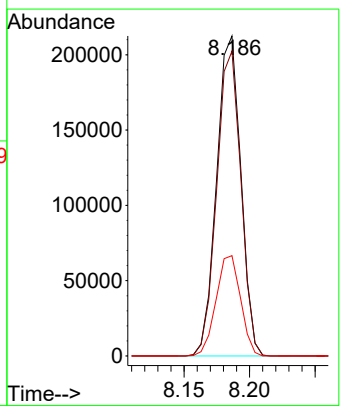


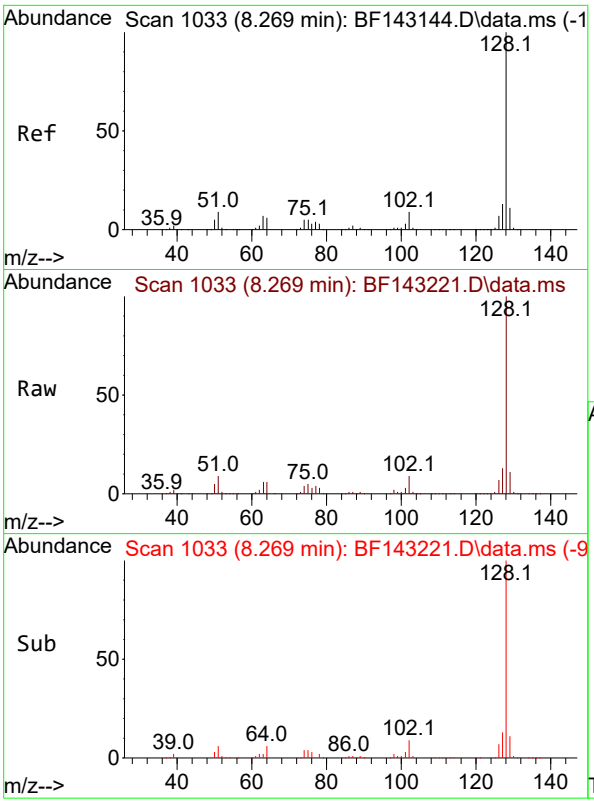


#30
1,2,4-Trichlorobenzene
Concen: 39.506 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:180 Resp: 272980

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	31.4	25.0	37.6



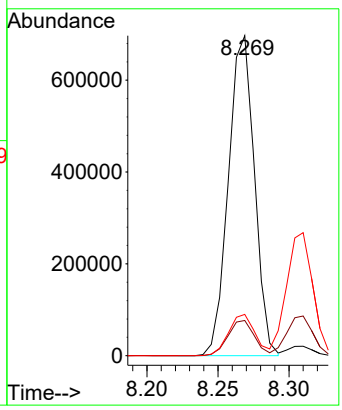


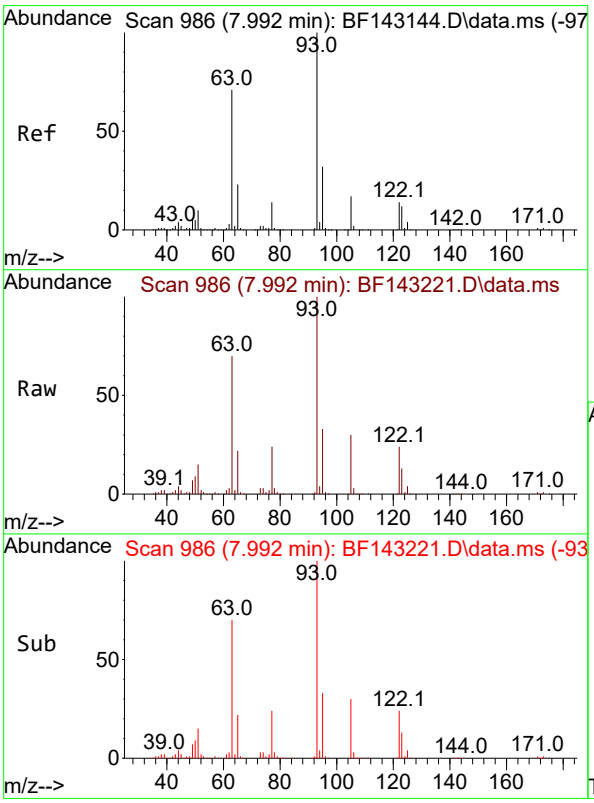
#31
Naphthalene
Concen: 39.367 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 888648

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.6	16.0

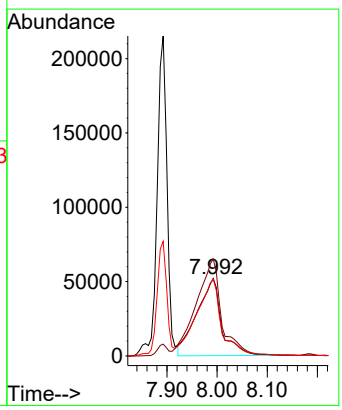


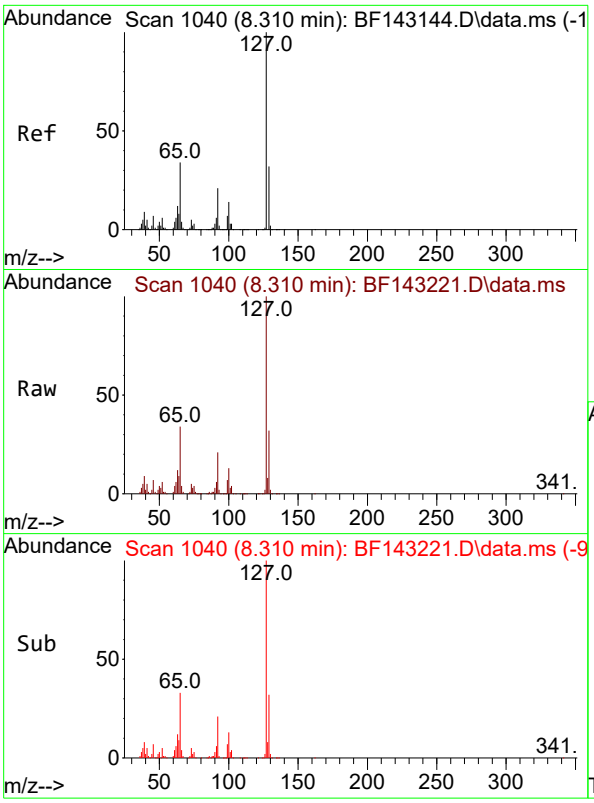


#32
Benzoic acid
Concen: 42.633 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:122 Resp: 179361

Ion	Ratio	Lower	Upper
122	100		
105	125.2	104.8	144.8
77	99.2	77.6	117.6



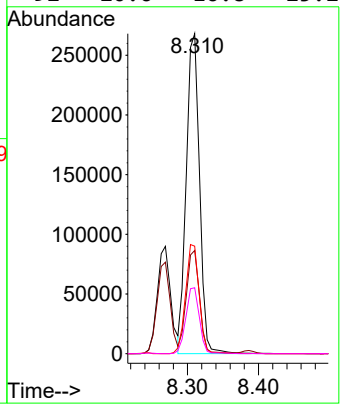


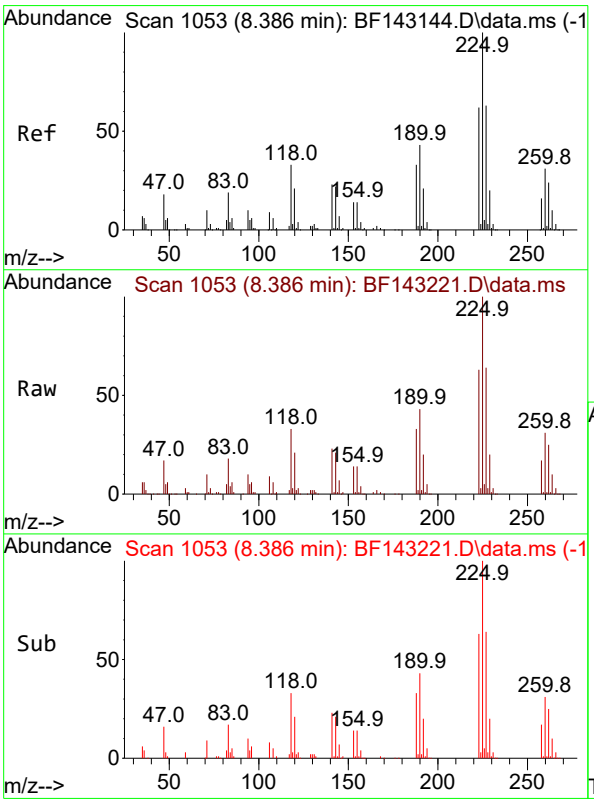
#33
4-Chloroaniline
Concen: 37.678 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 347284

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.6	27.4	41.2
92	20.6	16.8	25.2

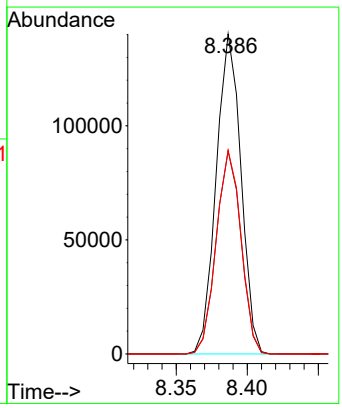


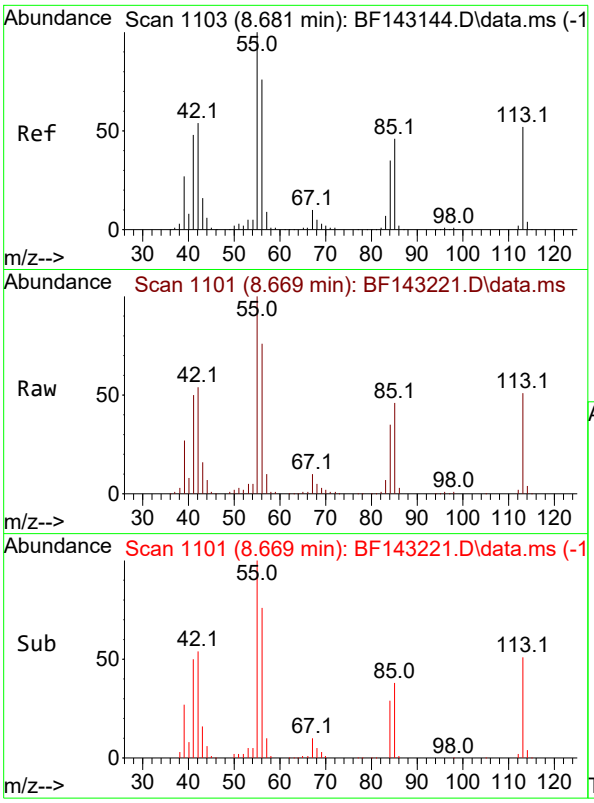


#34
Hexachlorobutadiene
Concen: 40.216 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:225 Resp: 169752

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	63.6	50.2	75.4



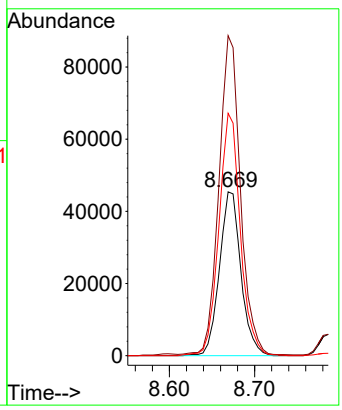


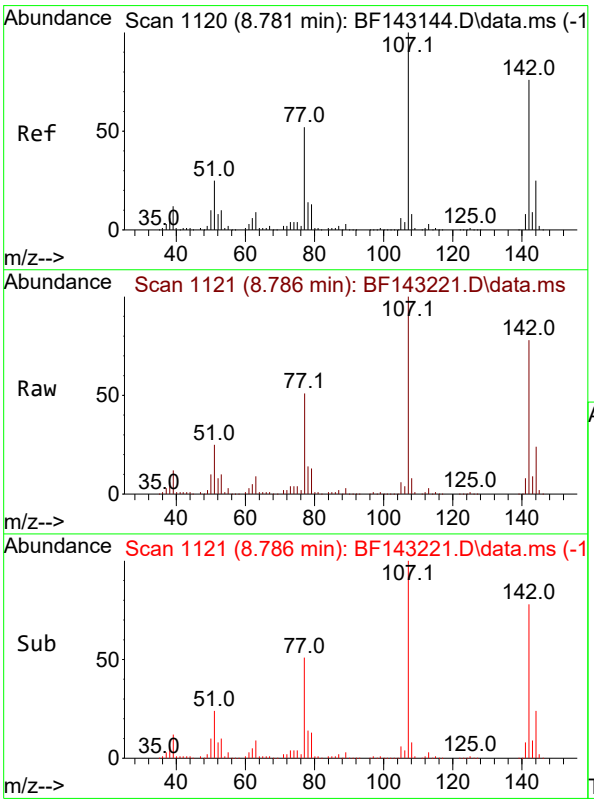
#35
Caprolactam
Concen: 41.239 ng
RT: 8.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 79704

Ion	Ratio	Lower	Upper
113	100		
55	195.3	174.0	214.0
56	148.0	126.6	166.6

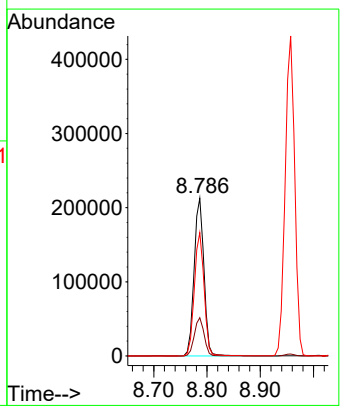


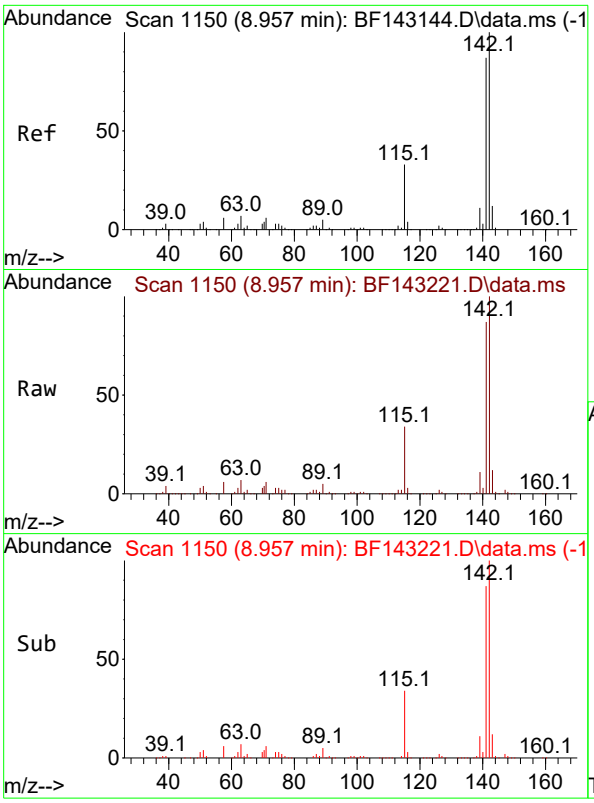


#36
4-Chloro-3-methylphenol
Concen: 39.279 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:107 Resp: 273054

Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.8	29.6
142	78.2	60.6	90.8



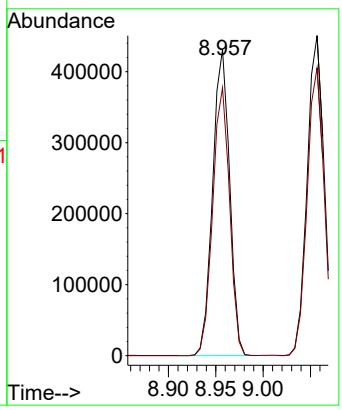


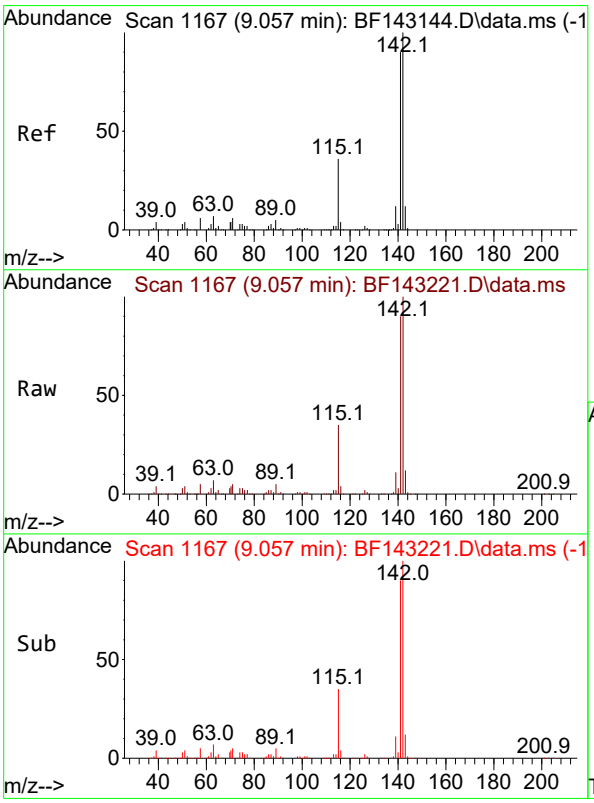
#37
2-Methylnaphthalene
Concen: 39.000 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 535718

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9

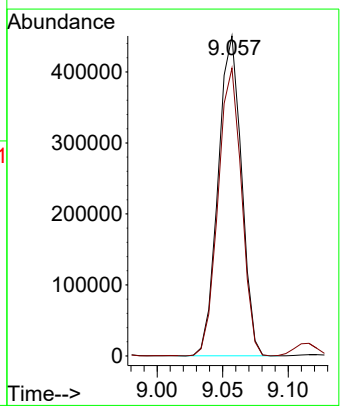


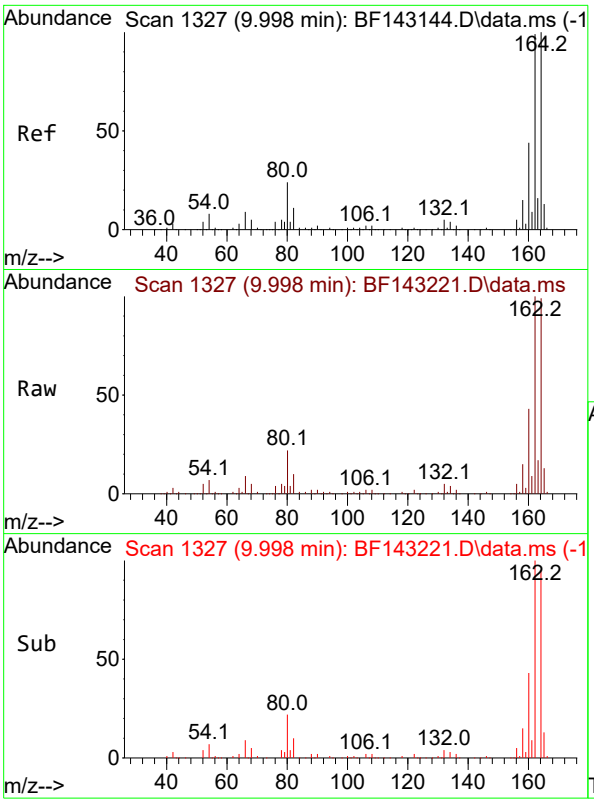


#38
1-Methylnaphthalene
Concen: 39.512 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:142 Resp: 558905

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5



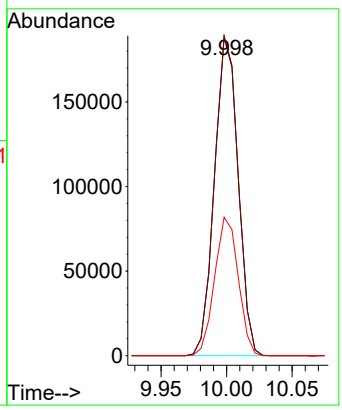


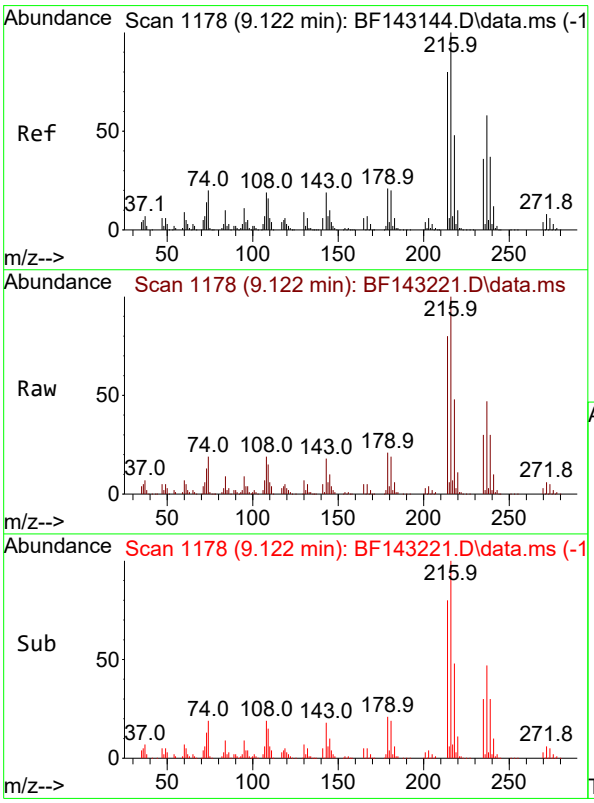
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 235193

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.0	118.6
160	43.5	35.1	52.7

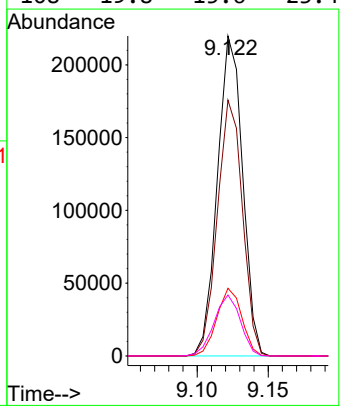


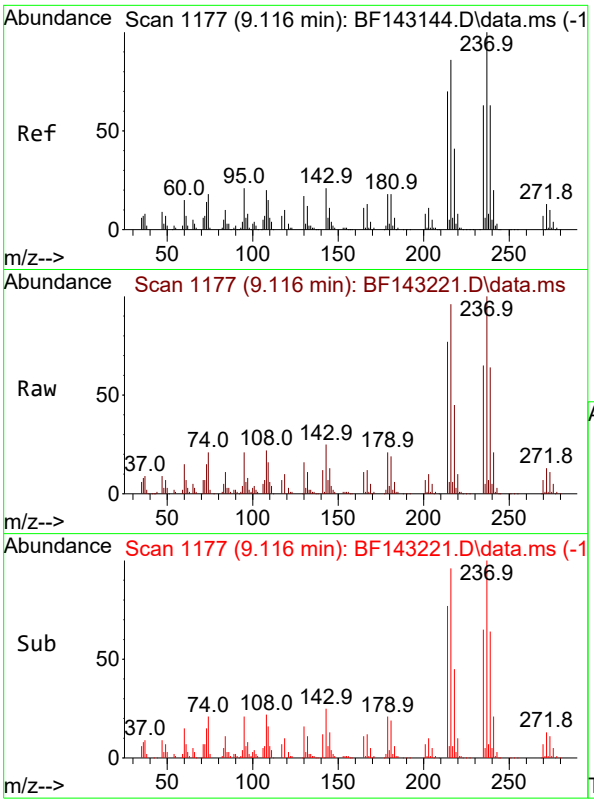


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.918 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:216 Resp: 271052

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	21.0	16.4	24.6
108	19.8	15.6	23.4



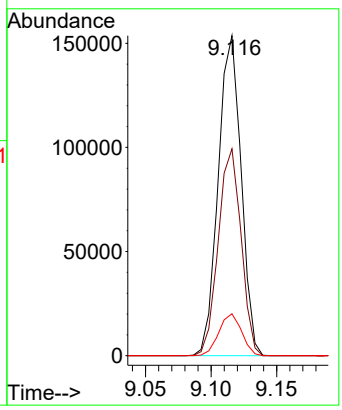


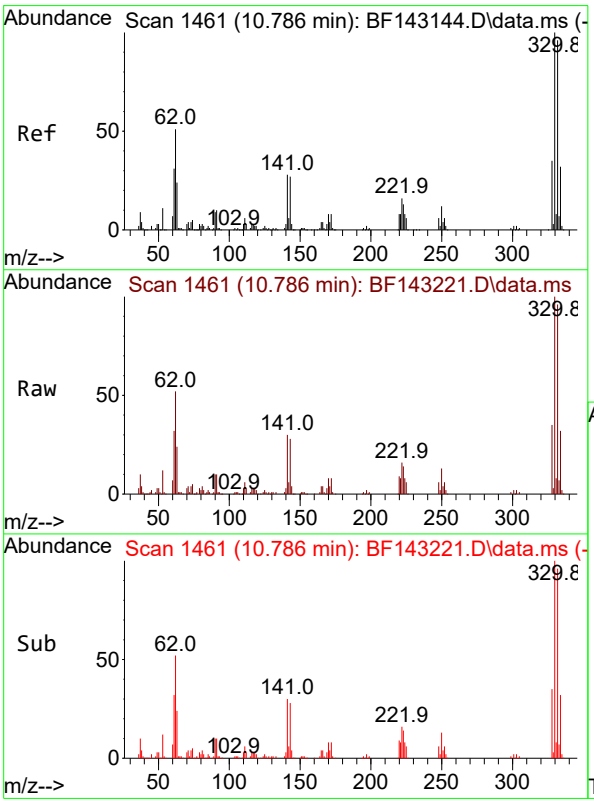
#41
Hexachlorocyclopentadiene
Concen: 42.201 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 186455

Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.0	83.0
272	13.1	0.0	33.3

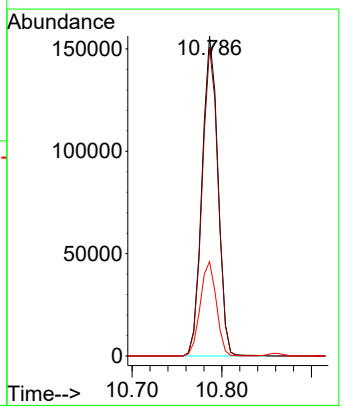


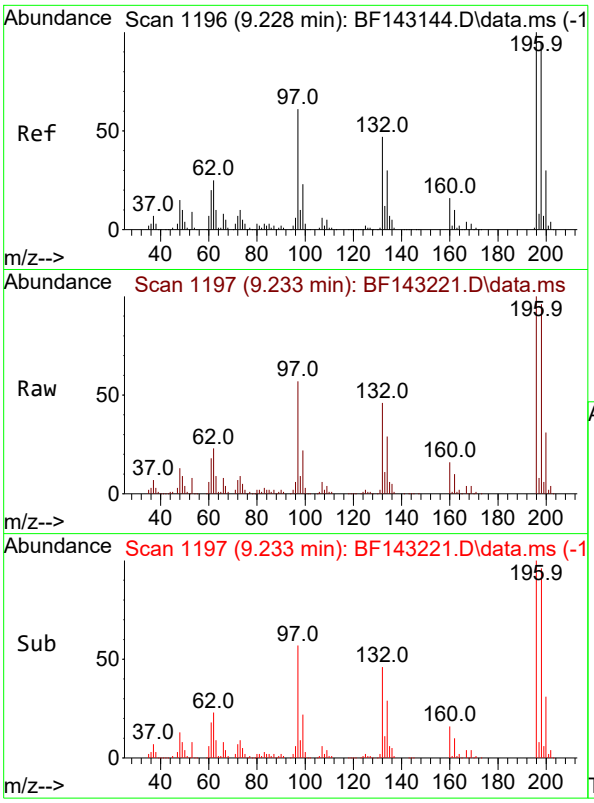


#42
2,4,6-Tribromophenol
Concen: 79.071 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:330 Resp: 192118

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	29.7	23.3	34.9



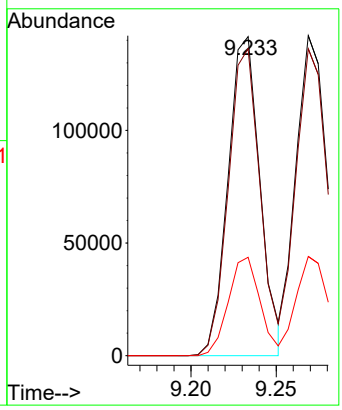


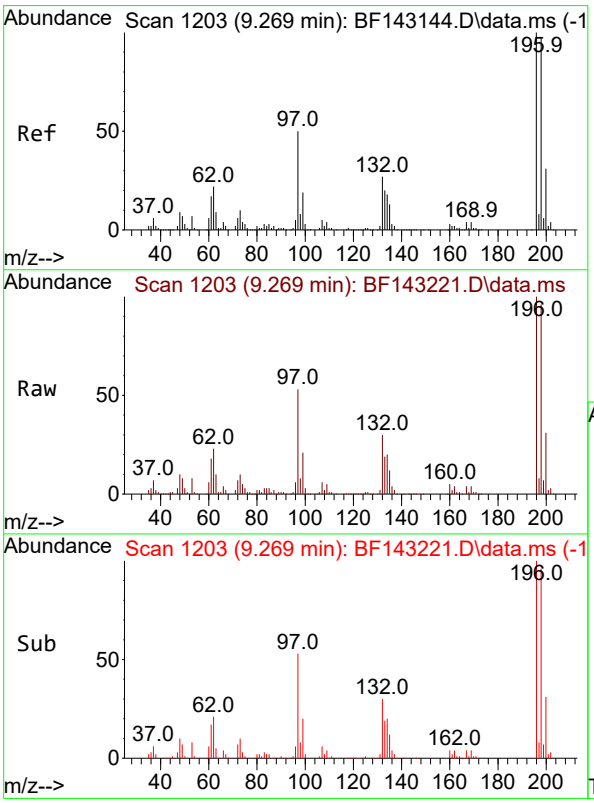
#43
2,4,6-Trichlorophenol
Concen: 39.390 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 185114

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.2
200	30.9	23.9	35.9

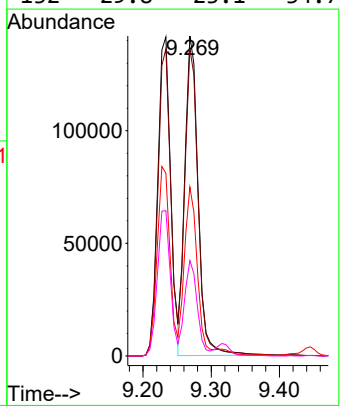


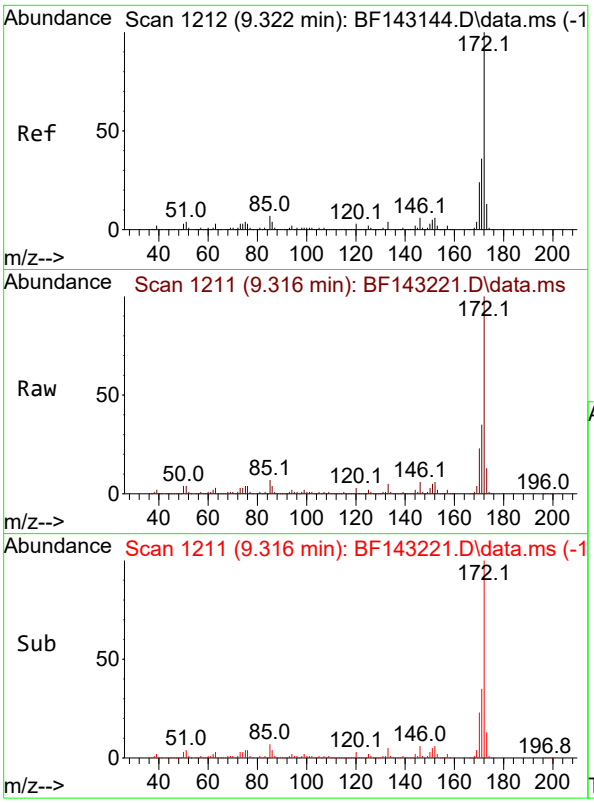


#44
2,4,5-Trichlorophenol
Concen: 40.875 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:196 Resp: 192146

Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.3	115.9
97	52.8	40.3	60.5
132	29.8	23.1	34.7



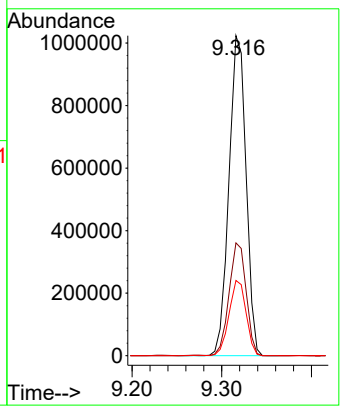


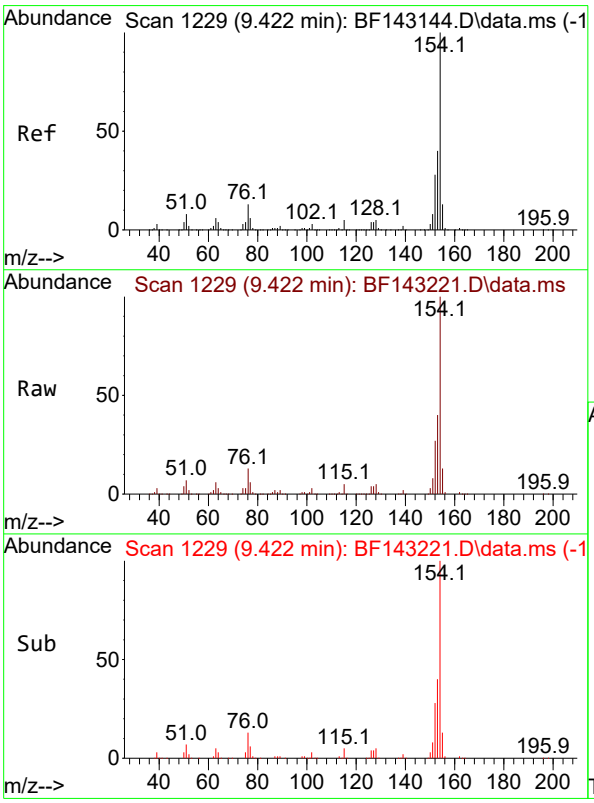
#45
2-Fluorobiphenyl
Concen: 78.638 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1352359

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.5	18.8	28.2

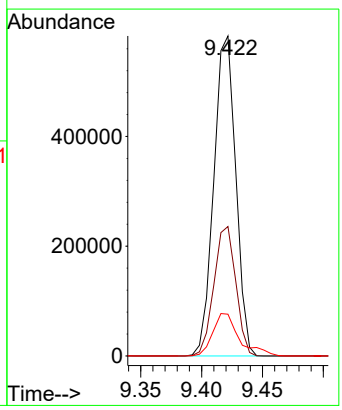


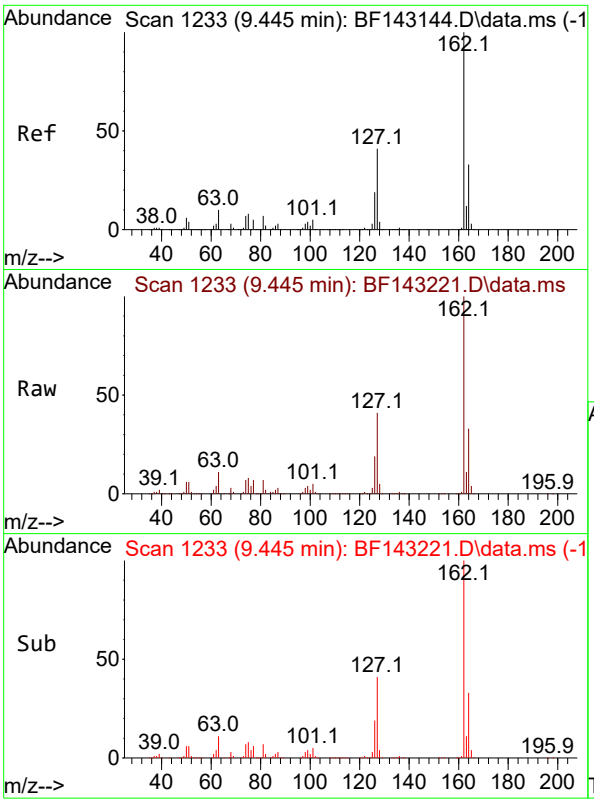


#46
1,1'-Biphenyl
Concen: 39.925 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:154 Resp: 732610

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	13.1	0.0	33.3



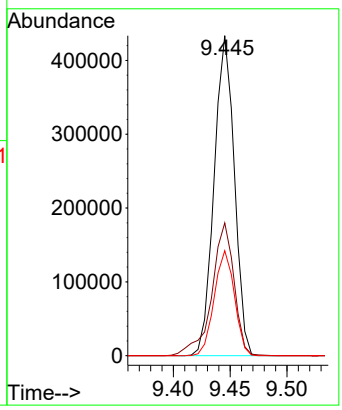


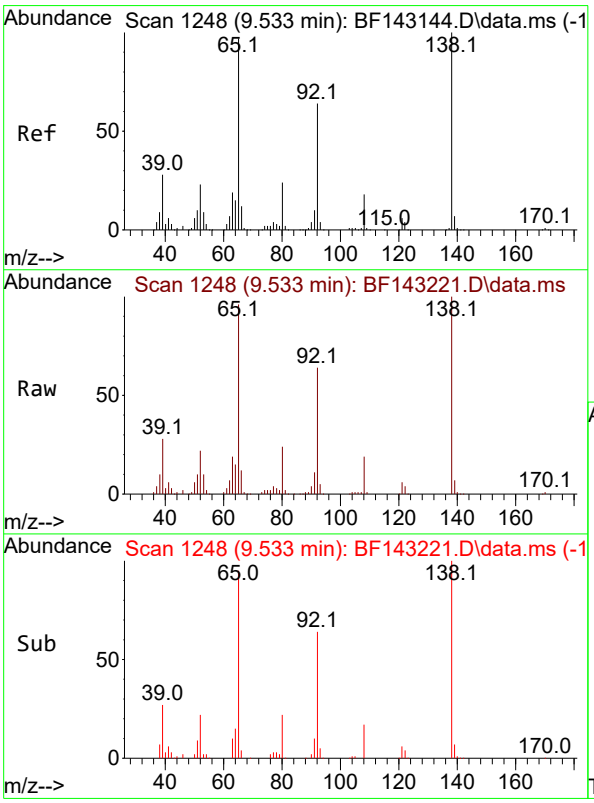
#47
2-Chloronaphthalene
Concen: 39.574 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 537315

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.8	26.2	39.2

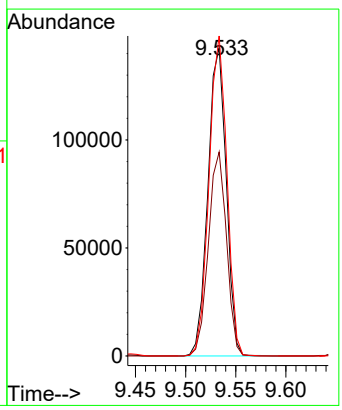


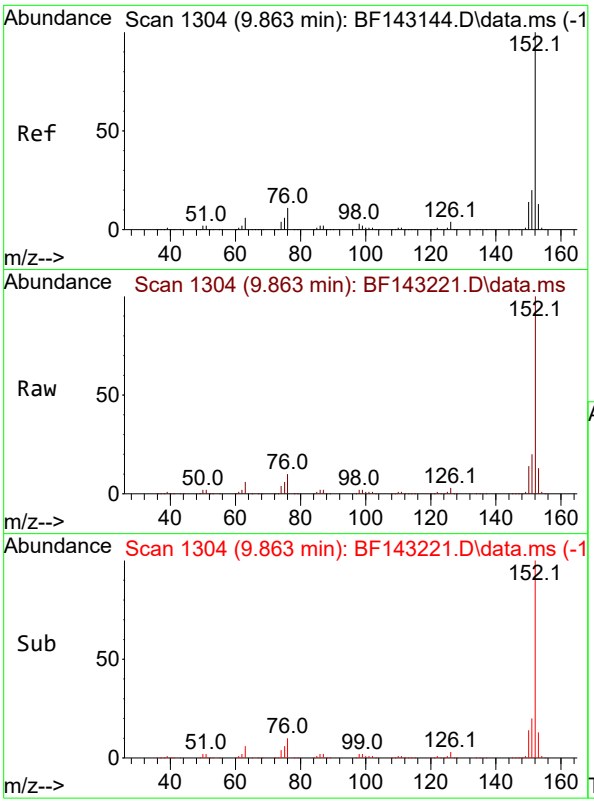


#48
2-Nitroaniline
Concen: 42.672 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 65 Resp: 181690

Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.4	78.6
138	103.8	82.3	123.5



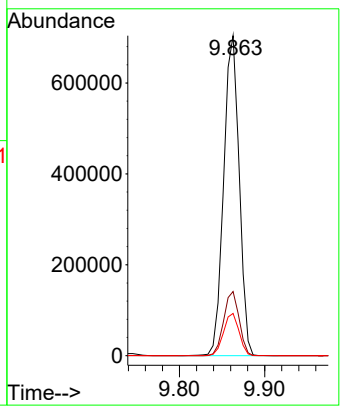


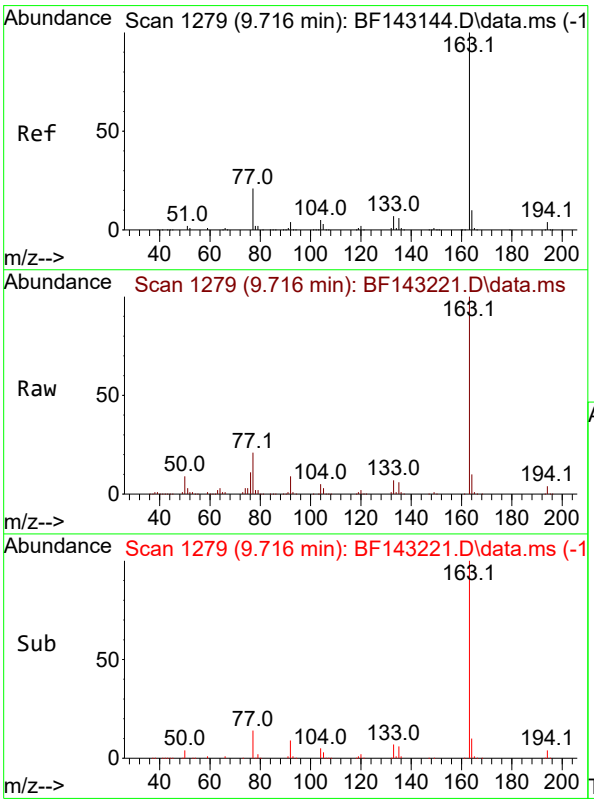
#49
Acenaphthylene
Concen: 39.131 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 890386

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.2	10.6	16.0

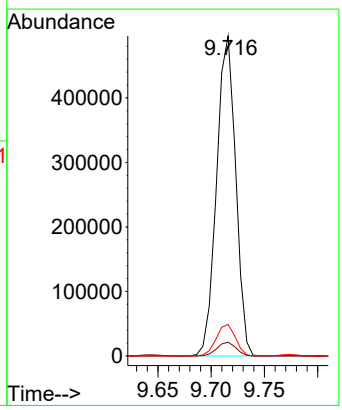


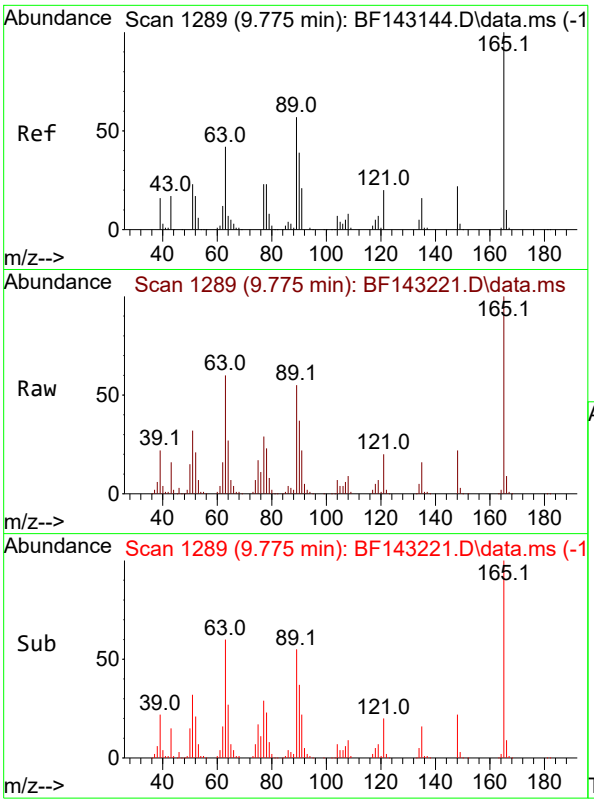


#50
Dimethylphthalate
Concen: 40.296 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:163 Resp: 617764

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	8.3	12.5



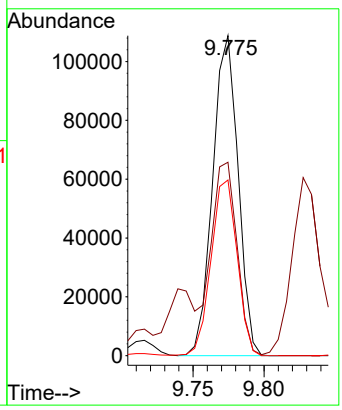


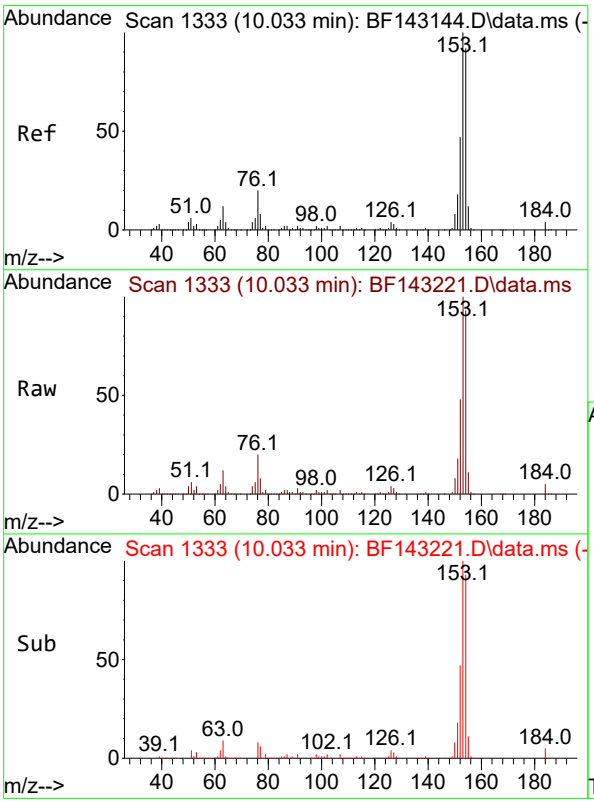
#51
2,6-Dinitrotoluene
Concen: 43.380 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 135289

Ion	Ratio	Lower	Upper
165	100		
63	60.5	49.4	74.2
89	54.9	46.2	69.2

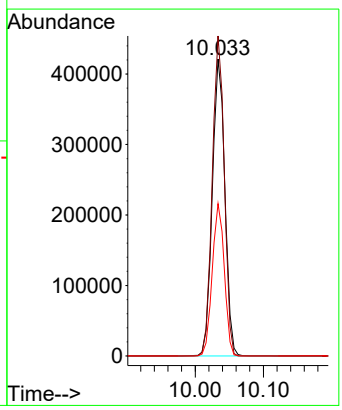


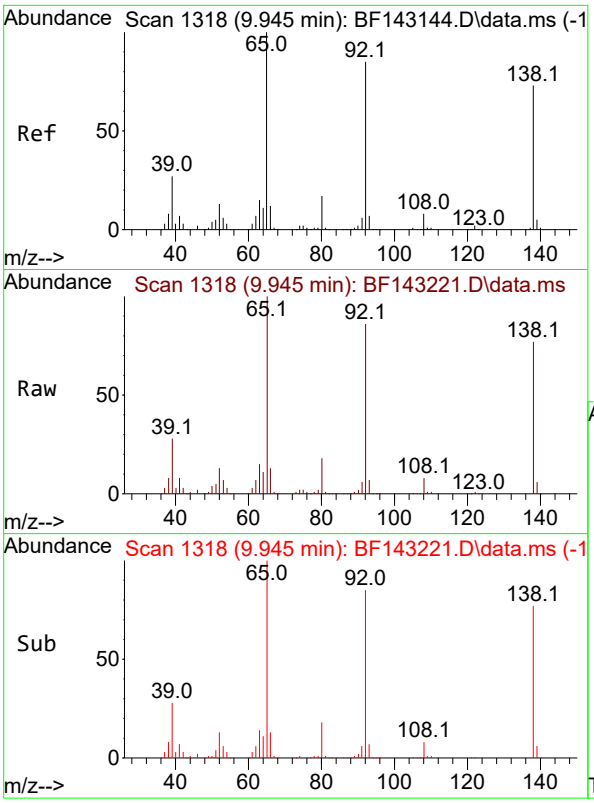


#52
Acenaphthene
Concen: 40.152 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:154 Resp: 539986

Ion	Ratio	Lower	Upper
154	100		
153	107.7	86.6	129.8
152	51.3	40.4	60.6



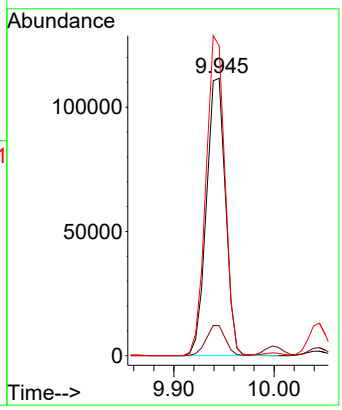


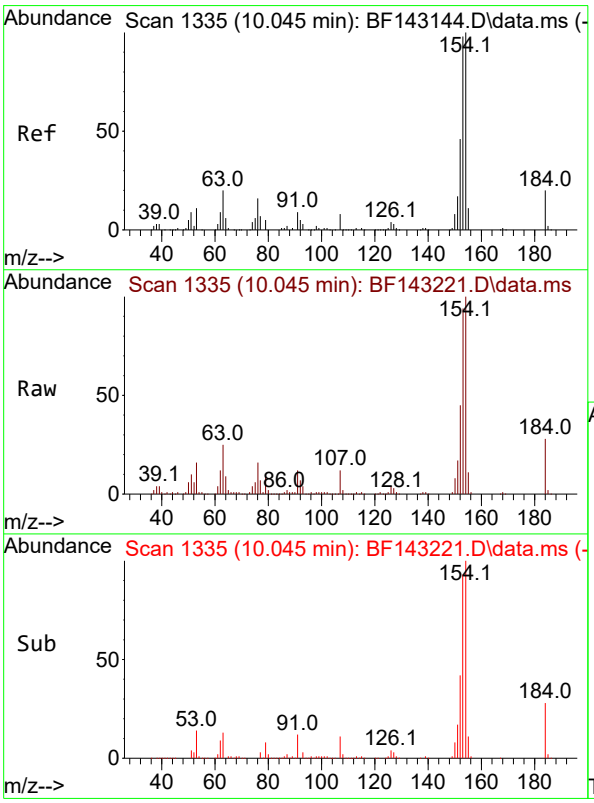
#53
3-Nitroaniline
Concen: 40.486 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 147684

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.6
92	111.6	93.0	139.4

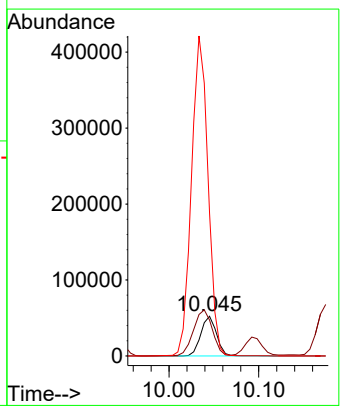


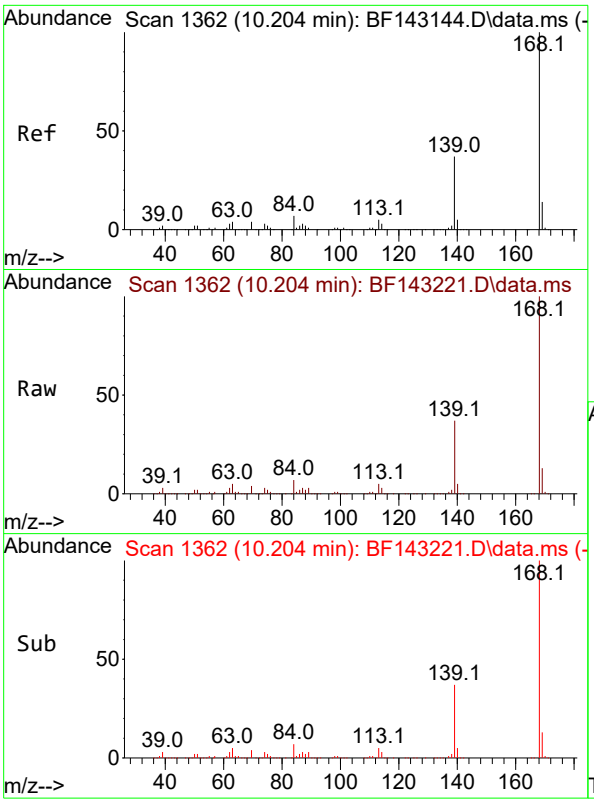


#54
2,4-Dinitrophenol
Concen: 48.021 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:184 Resp: 63769

Ion	Ratio	Lower	Upper
184	100		
63	90.2	81.8	122.6
154	359.0	412.2	618.4#



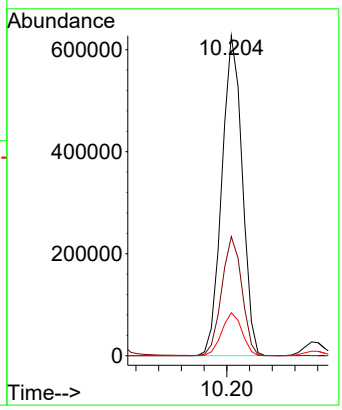


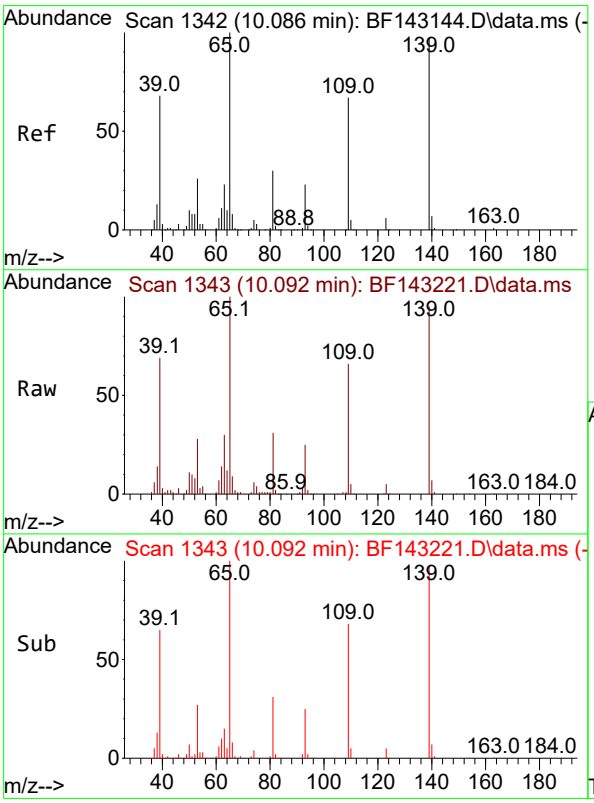
#55
Dibenzofuran
Concen: 39.131 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 781320

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.5	44.3
169	13.4	10.9	16.3

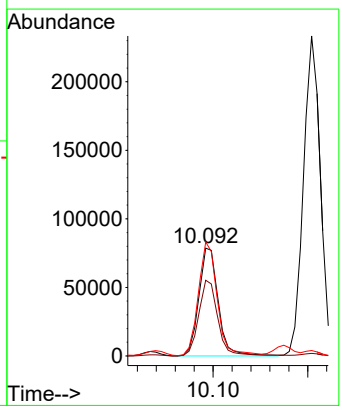


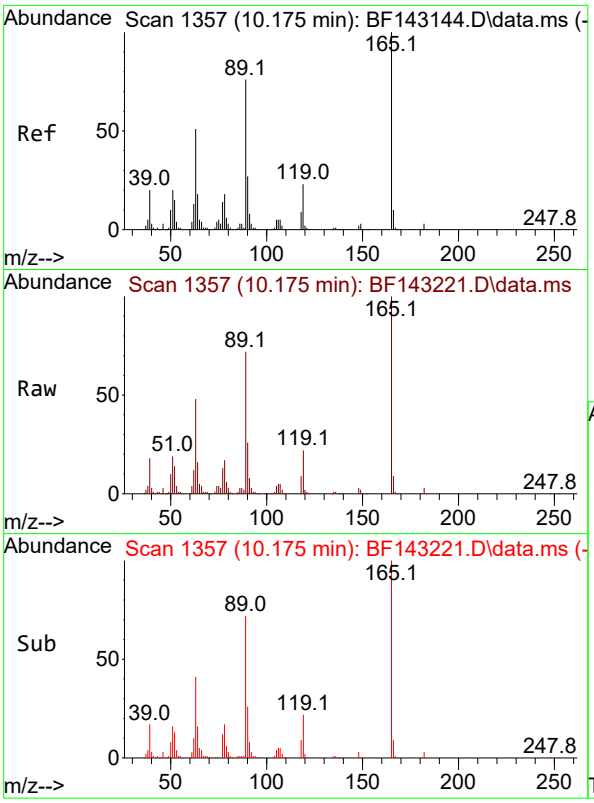


#56
4-Nitrophenol
Concen: 41.078 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:139 Resp: 111895

Ion	Ratio	Lower	Upper
139	100		
109	70.2	48.5	88.5
65	105.6	83.4	123.4



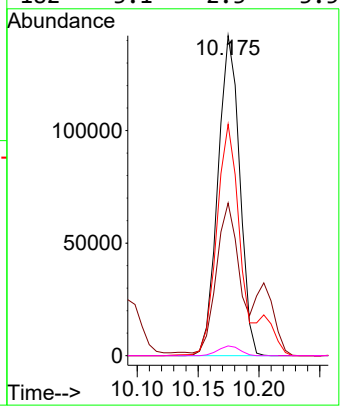


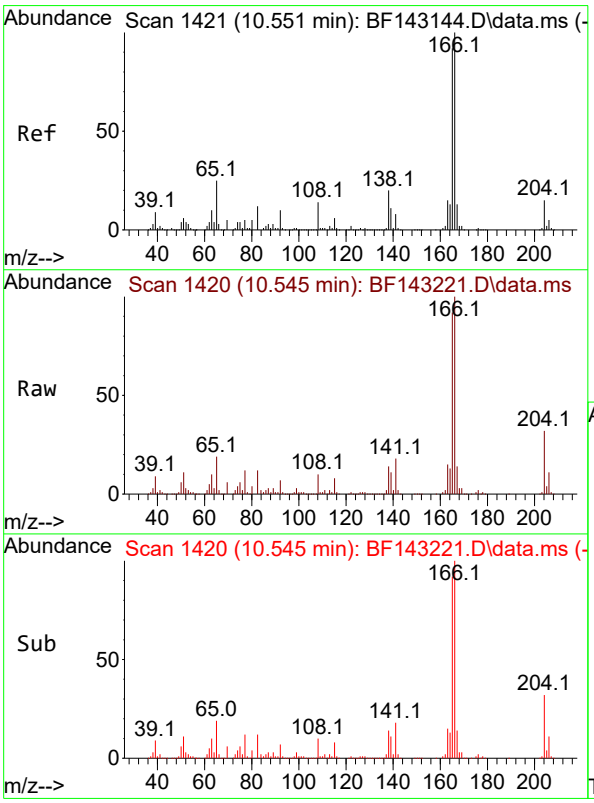
#57
2,4-Dinitrotoluene
Concen: 45.245 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 177032

Ion	Ratio	Lower	Upper
165	100		
63	47.7	41.0	61.4
89	72.3	61.1	91.7
182	3.1	2.3	3.5

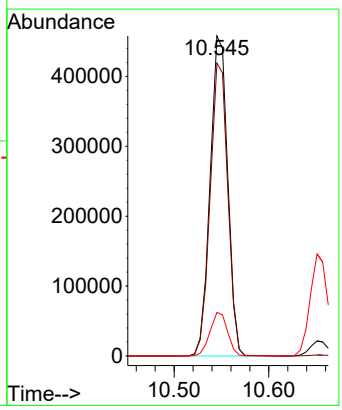


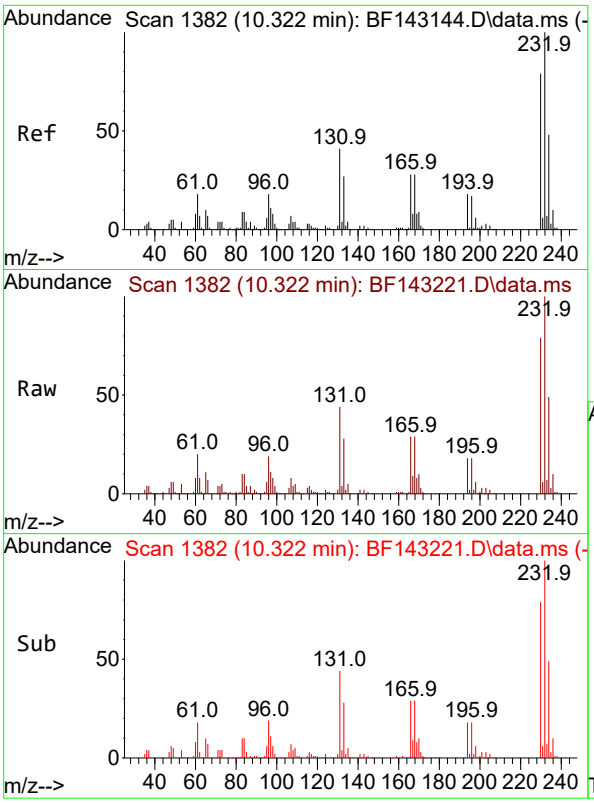


#58
Fluorene
Concen: 39.375 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:166 Resp: 590047

Ion	Ratio	Lower	Upper
166	100		
165	91.5	73.7	110.5
167	13.6	10.6	16.0



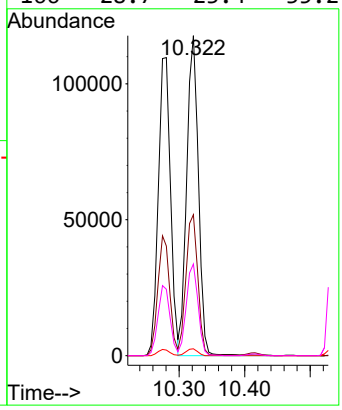


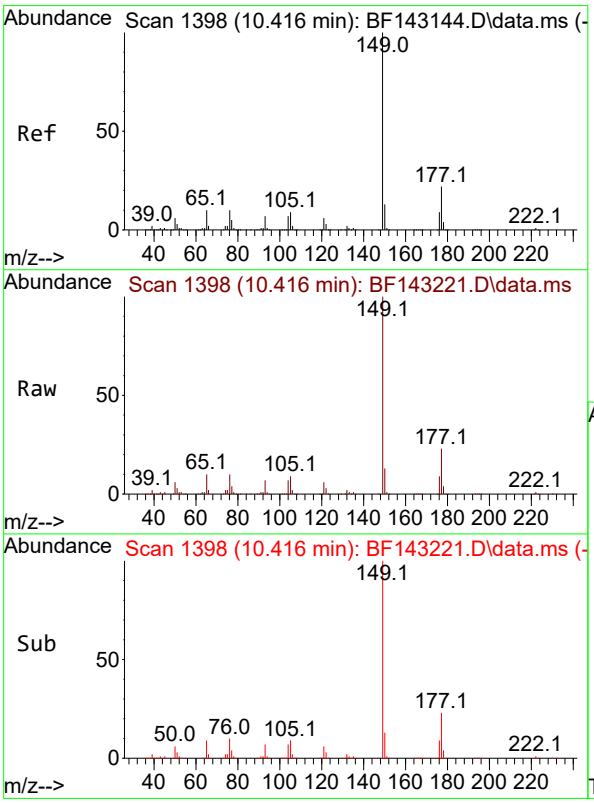
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.408 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 145668

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.3	52.9
130	2.1	1.7	2.5
166	28.7	23.4	35.2

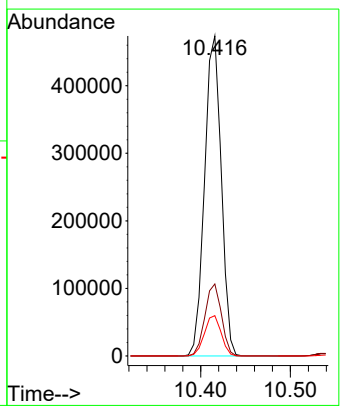


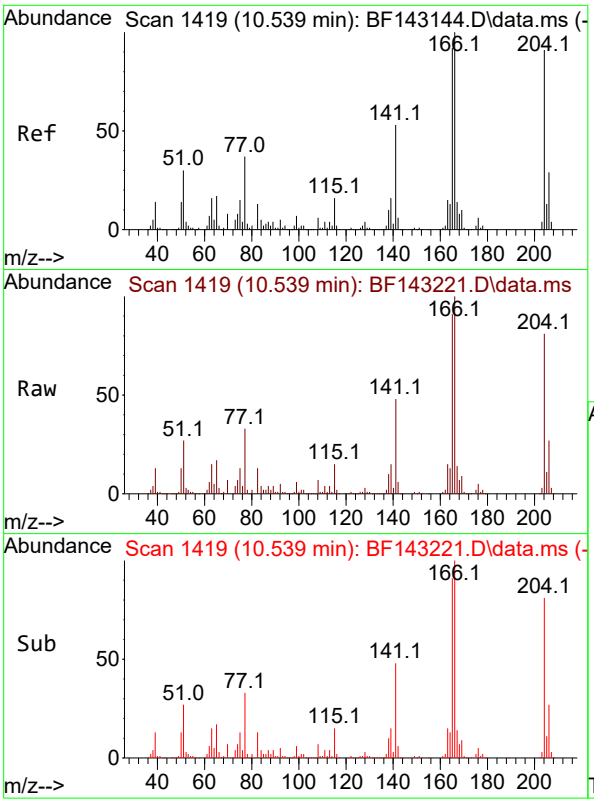


#60
Diethylphthalate
Concen: 40.338 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 611236

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.5	26.3
150	12.6	10.2	15.2



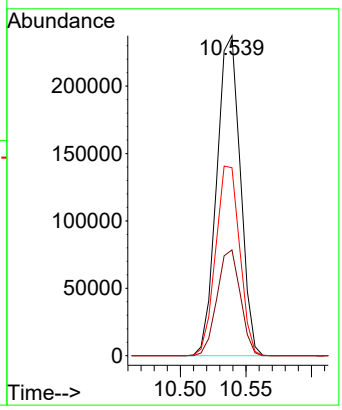


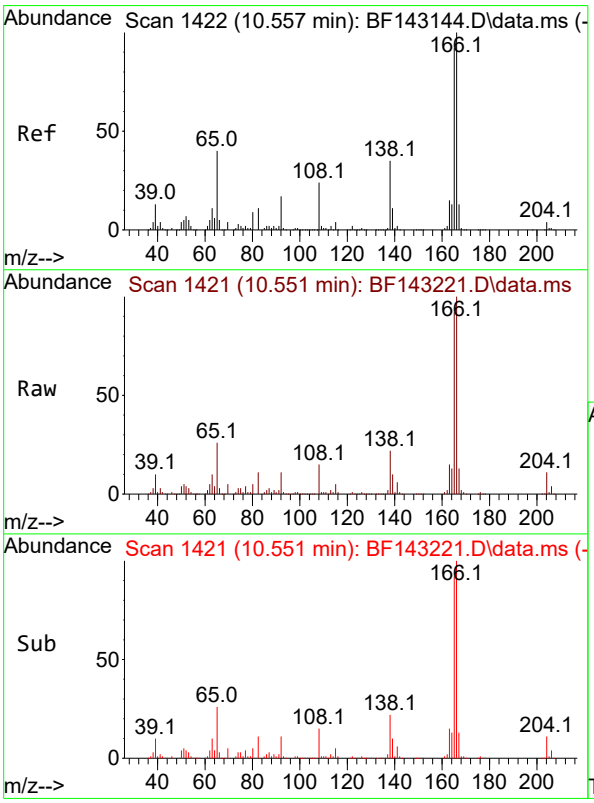
#61
4-Chlorophenyl-phenylether
Concen: 39.732 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 296476

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.8
141	58.7	47.0	70.4

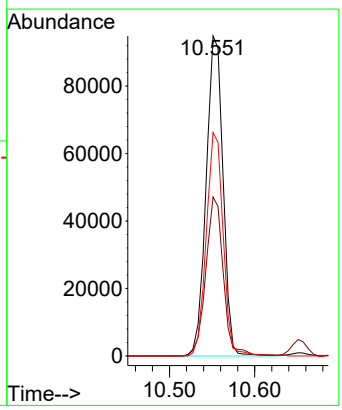


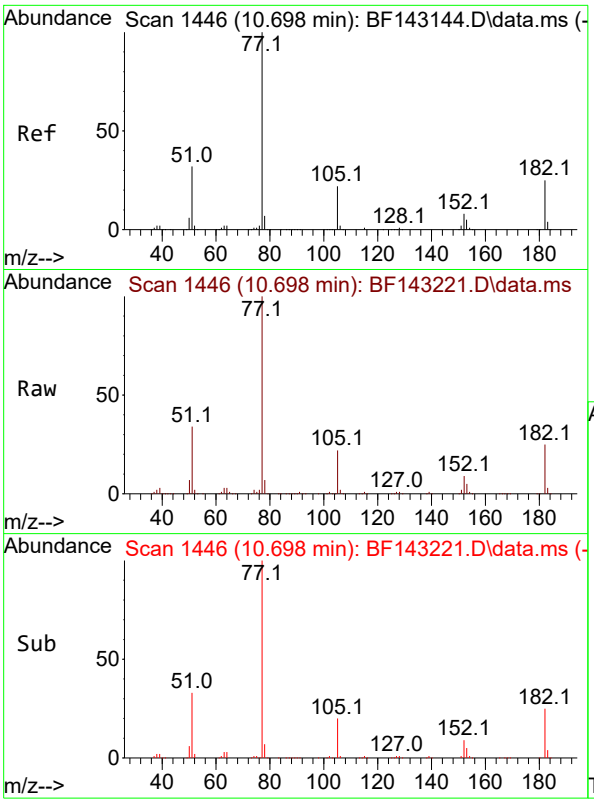


#62
4-Nitroaniline
Concen: 41.742 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:138 Resp: 130501

Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.3	69.3
108	69.8	48.3	88.3



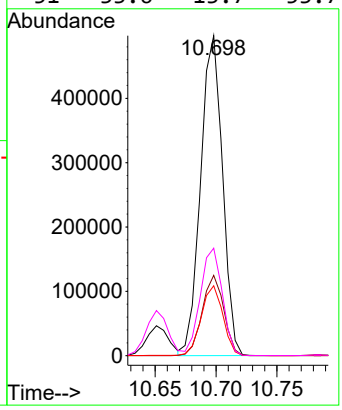


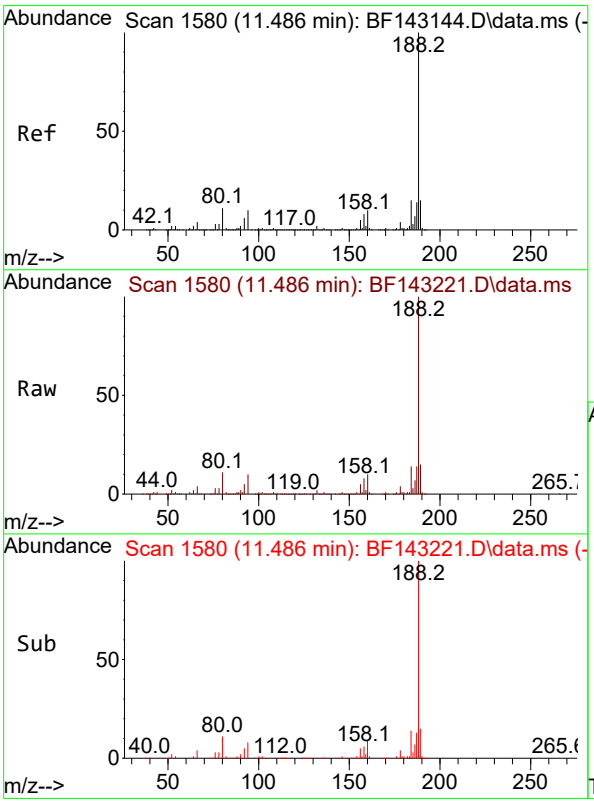
#63
Azobenzene
Concen: 39.494 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 623709

Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.6	44.6
105	21.8	1.4	41.4
51	33.6	13.7	53.7

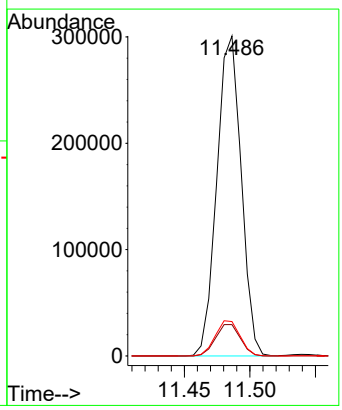


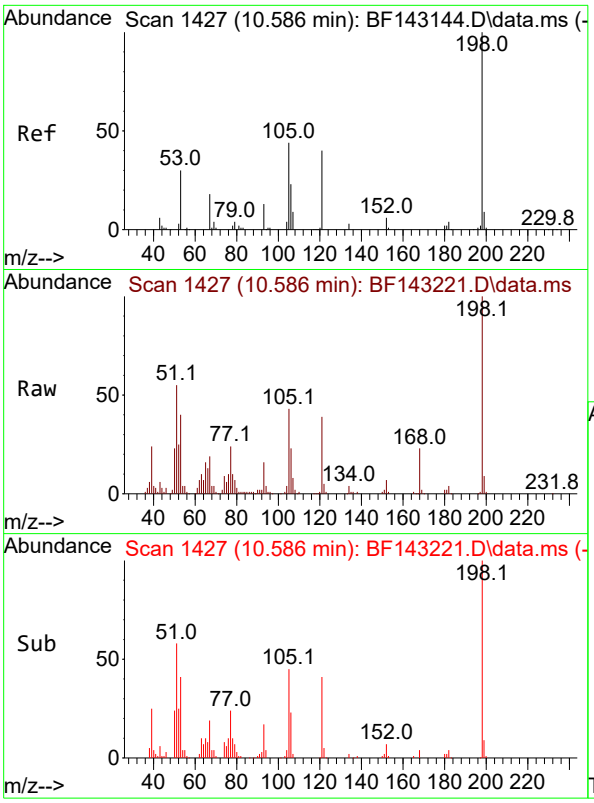


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:188 Resp: 388311

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.3	12.5
80	10.8	9.0	13.6



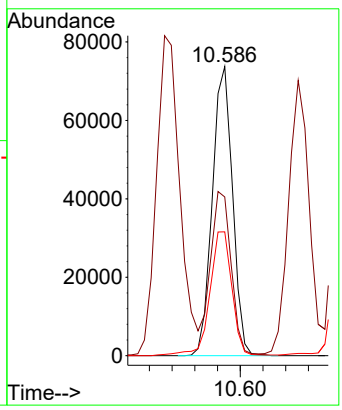


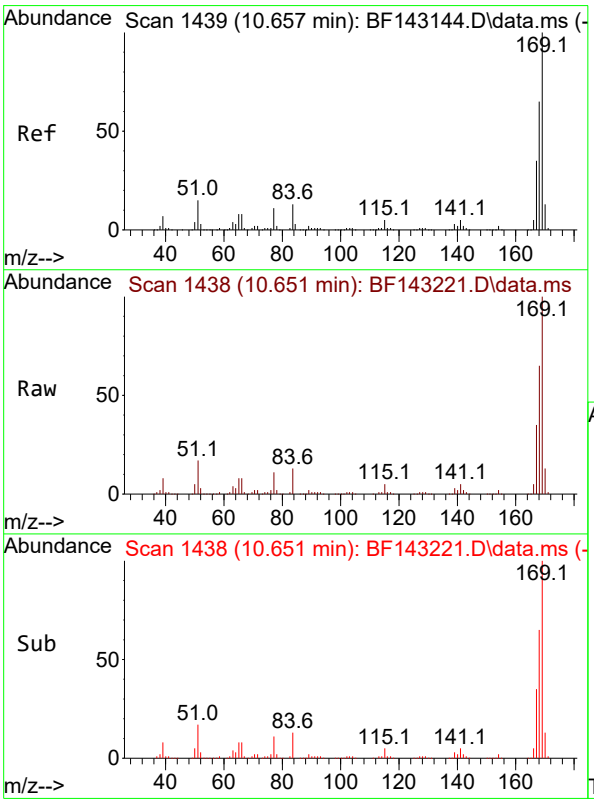
#65
4,6-Dinitro-2-methylphenol
Concen: 45.161 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 91197

Ion	Ratio	Lower	Upper
198	100		
51	54.9	37.2	77.2
105	42.8	24.8	64.8

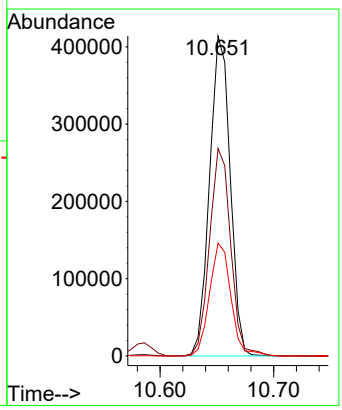


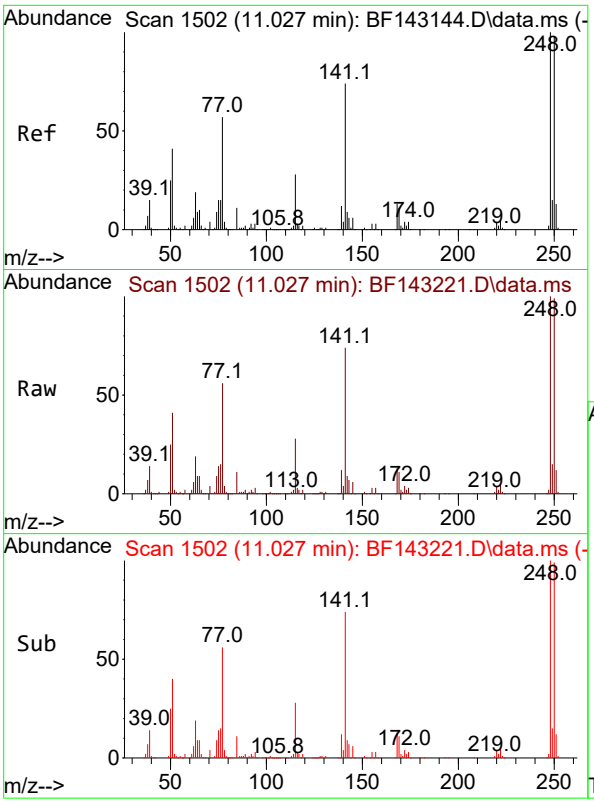


#66
n-Nitrosodiphenylamine
Concen: 38.172 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:169 Resp: 521954

Ion	Ratio	Lower	Upper
169	100		
168	64.8	52.1	78.1
167	35.3	28.2	42.2



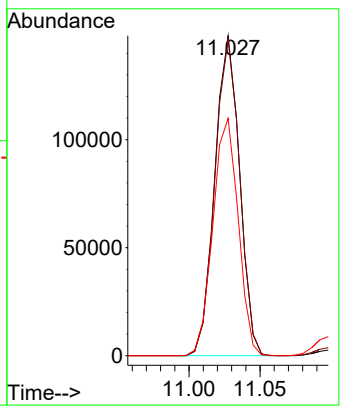


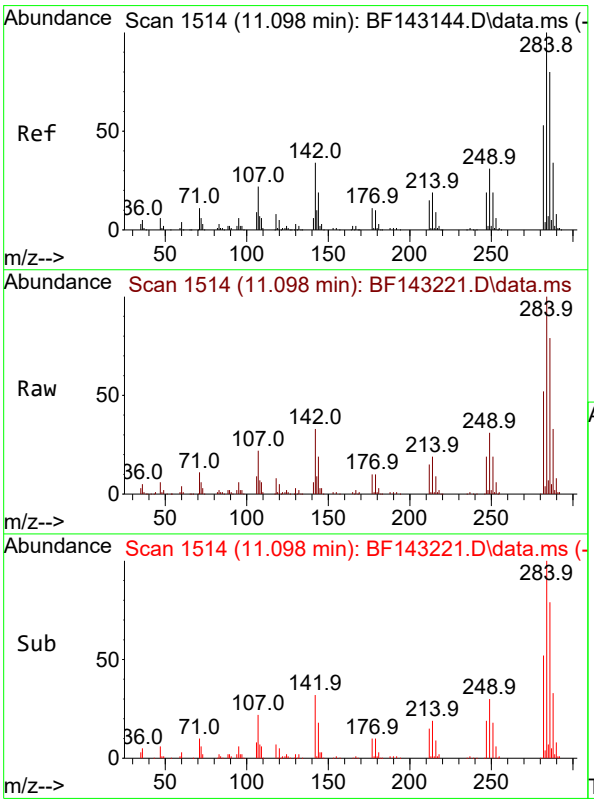
#67
4-Bromophenyl-phenylether
Concen: 38.872 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 179887

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.3	117.5
141	74.2	59.2	88.8

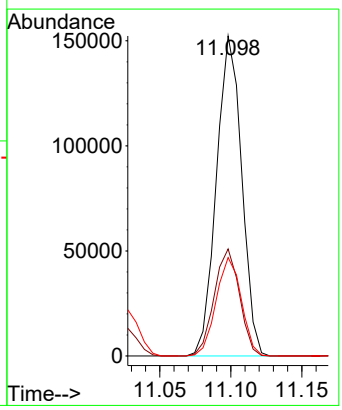


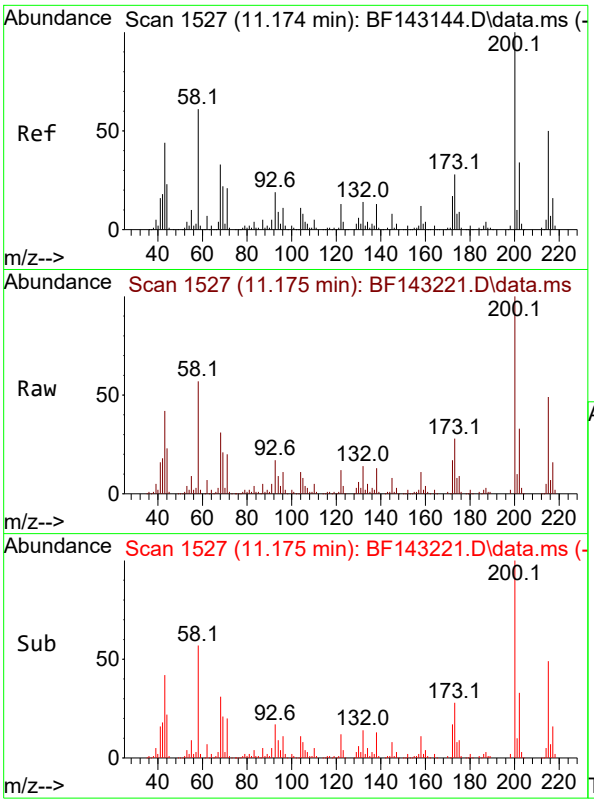


#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:284 Resp: 188132

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.0	40.6
249	30.8	25.0	37.6



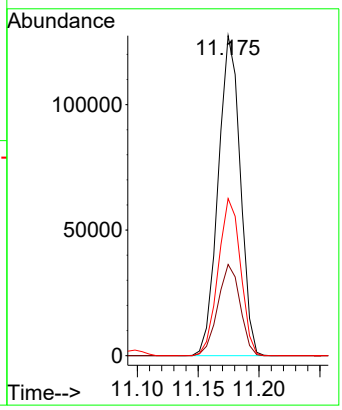


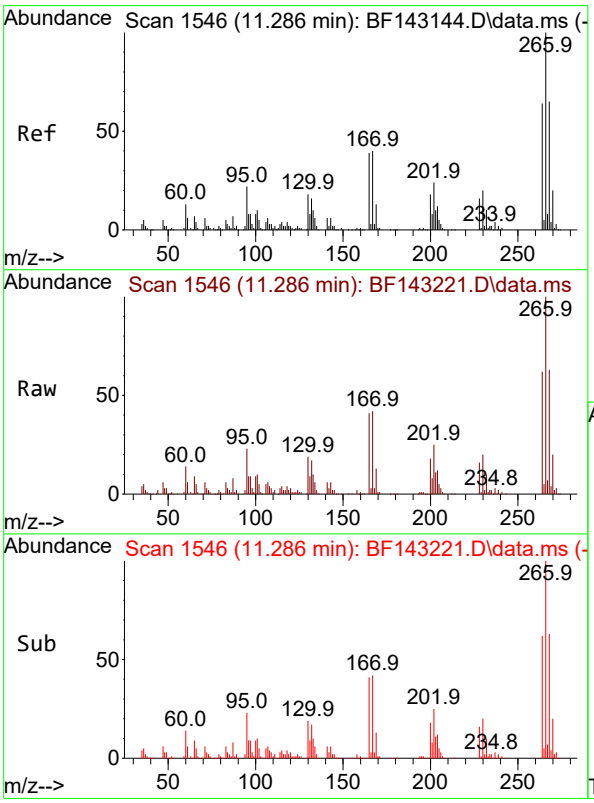
#69
Atrazine
Concen: 42.677 ng
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 160879

Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	49.1	30.1	70.1

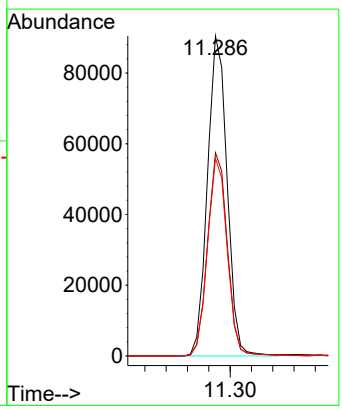


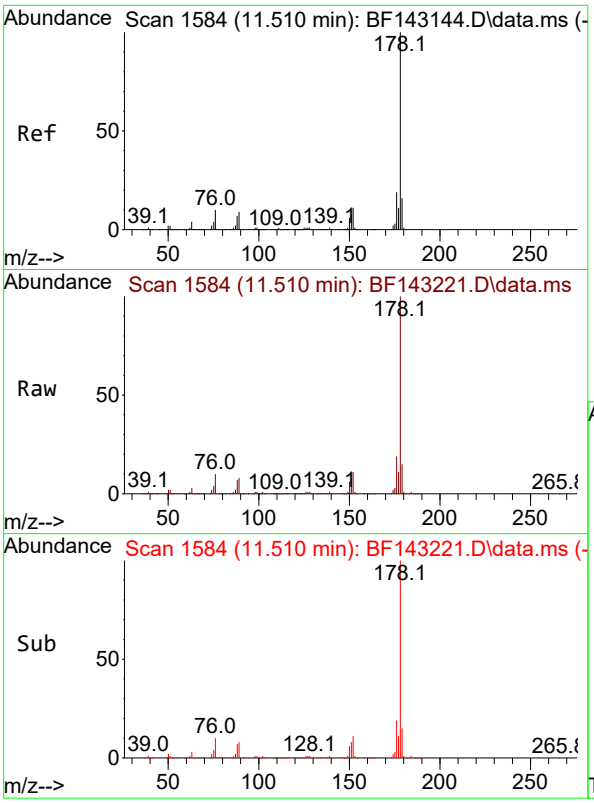


#70
Pentachlorophenol
Concen: 40.704 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:266 Resp: 115781

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.9	77.9
264	61.8	51.0	76.6



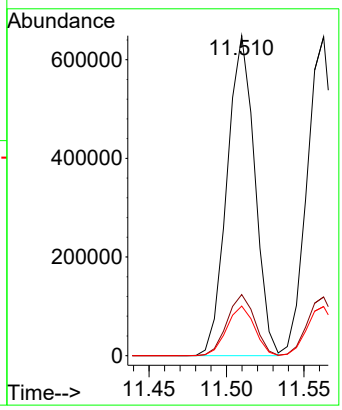


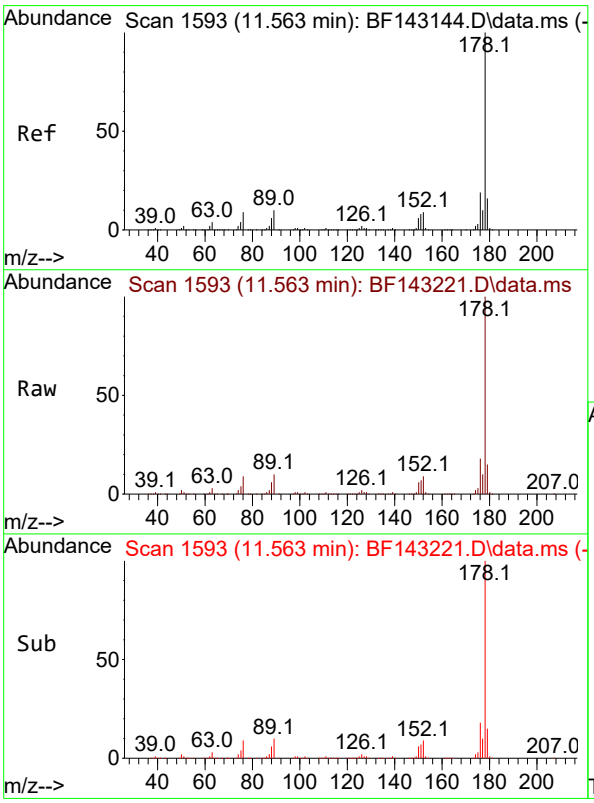
#71
Phenanthrene
Concen: 39.073 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 805603

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7

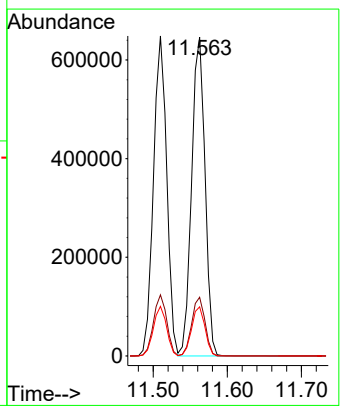


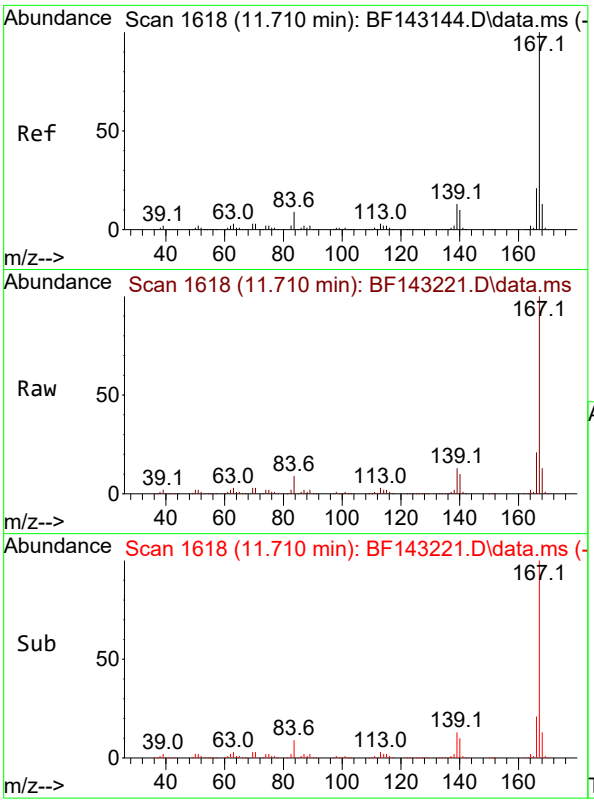


#72
Anthracene
Concen: 38.563 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:178 Resp: 810907

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.4	12.5	18.7



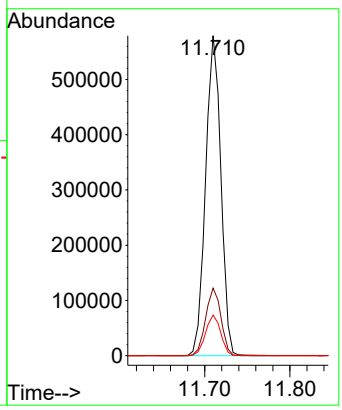


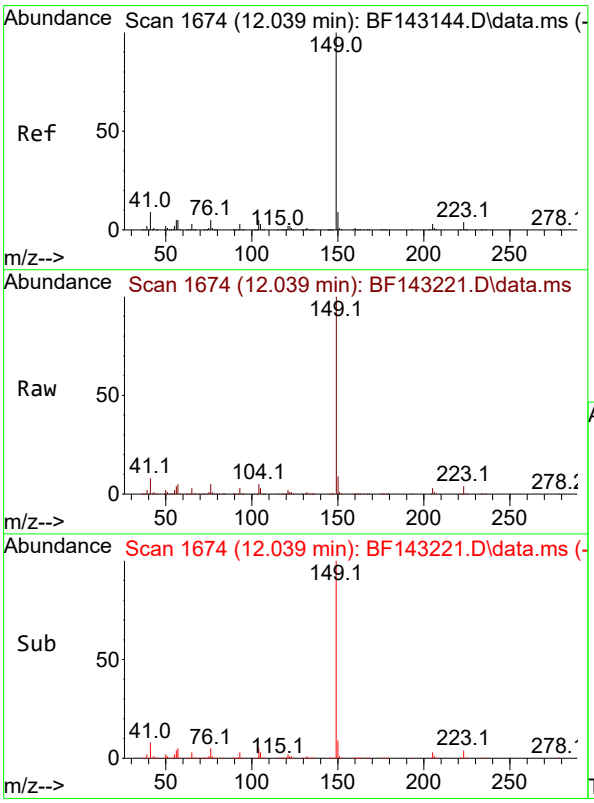
#73
Carbazole
Concen: 39.296 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 721548

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.7	10.0	15.0

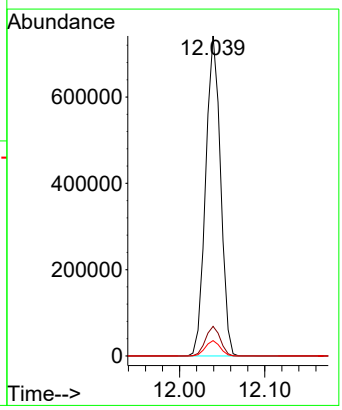


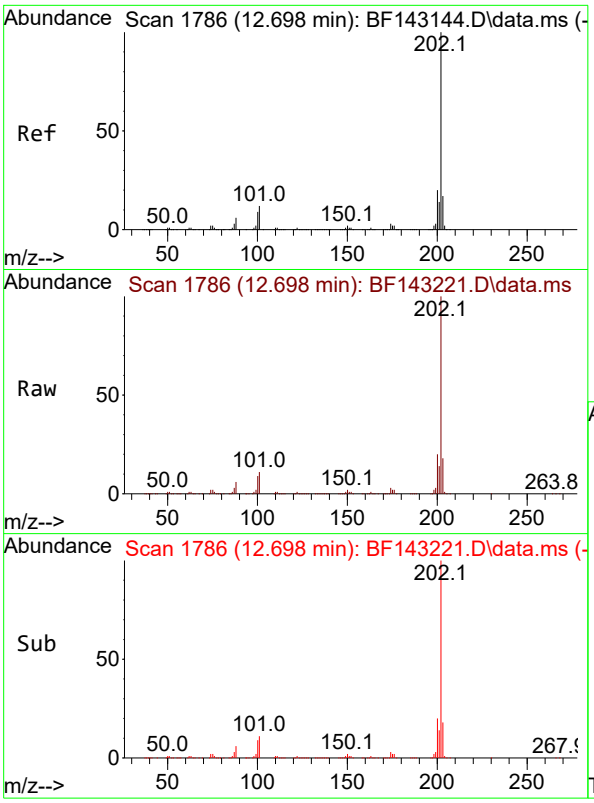


#74
Di-n-butylphthalate
Concen: 43.168 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 896871

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.8	5.8



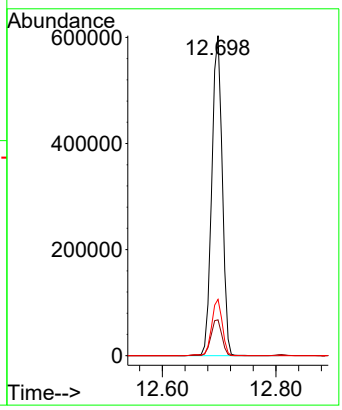


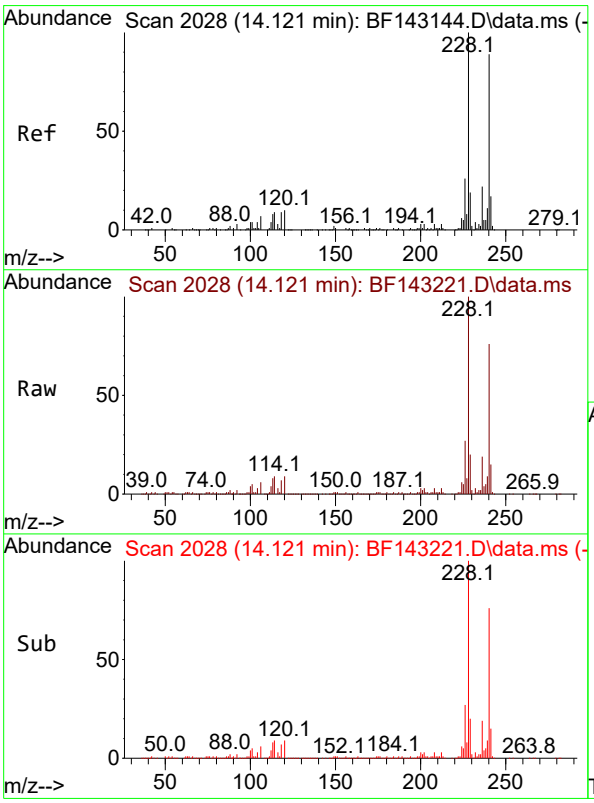
#75
Fluoranthene
Concen: 40.515 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 766728

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.7
203	17.6	0.0	37.4

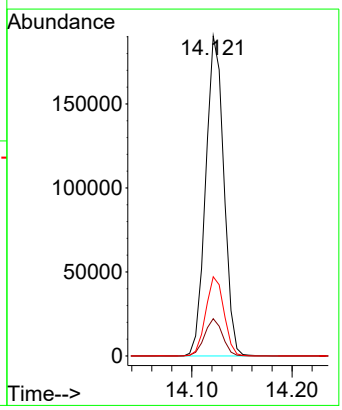


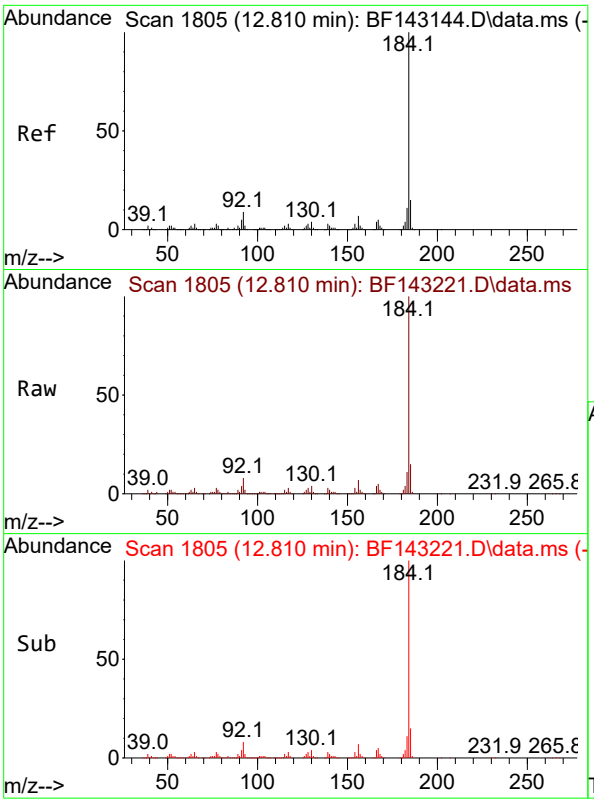


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:240 Resp: 239918

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	24.7	20.2	30.4



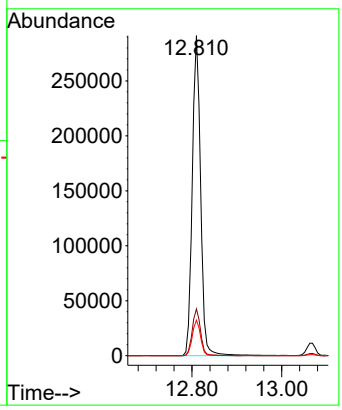


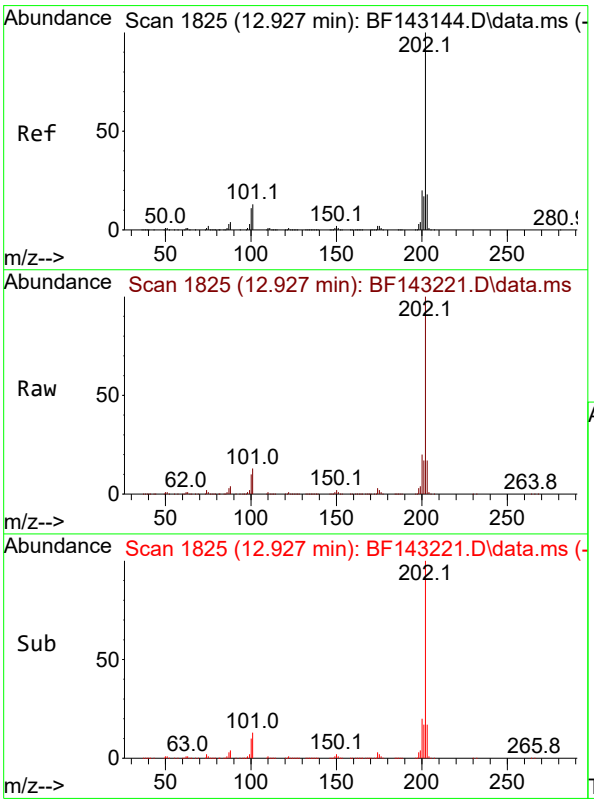
#77
Benzidine
Concen: 40.589 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 375180

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.4
183	11.1	9.0	13.4

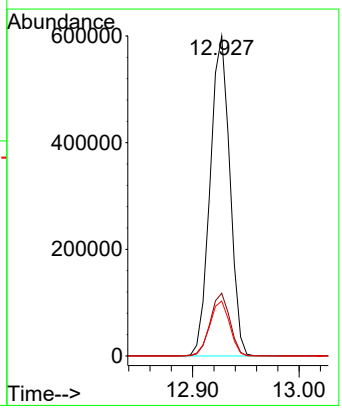


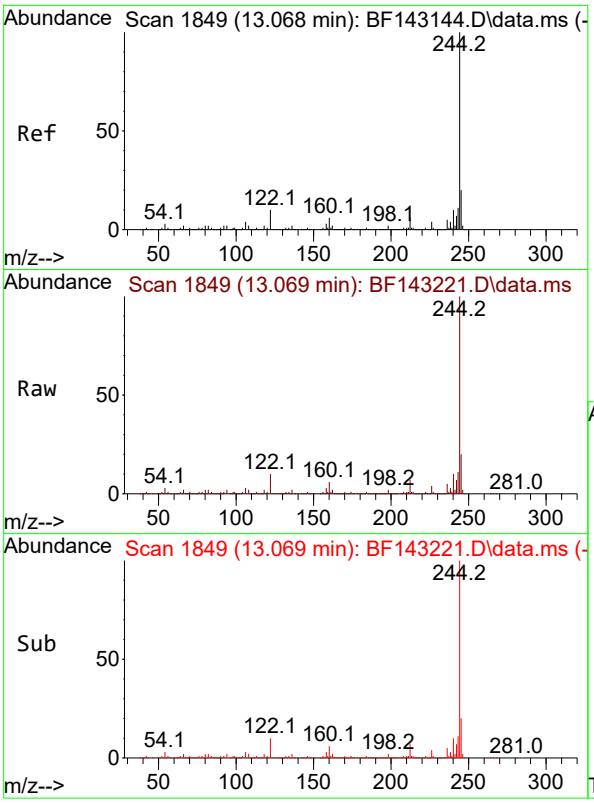


#78
Pyrene
Concen: 37.639 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:202 Resp: 770682

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.1	14.2	21.2



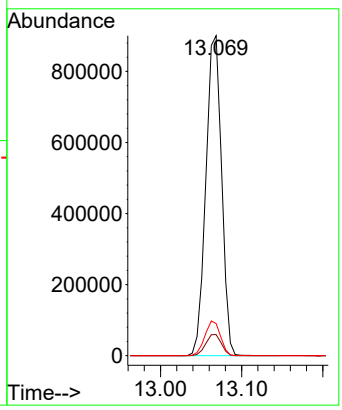


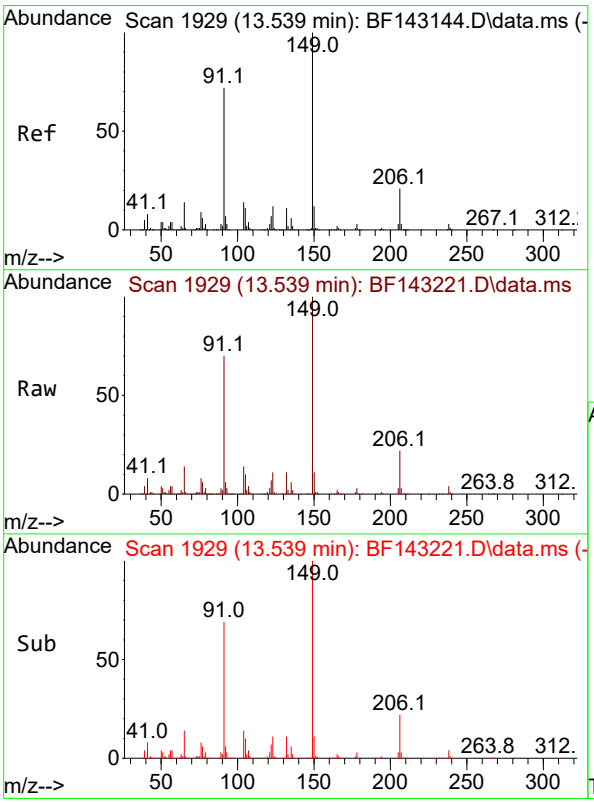
#79
Terphenyl-d14
Concen: 75.002 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 1209203

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.1	8.2	12.2

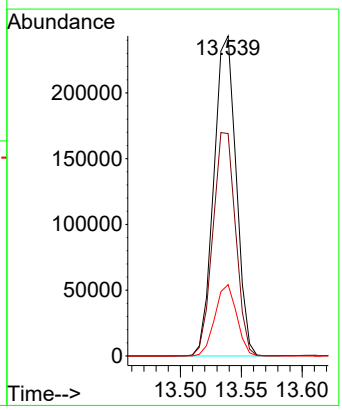


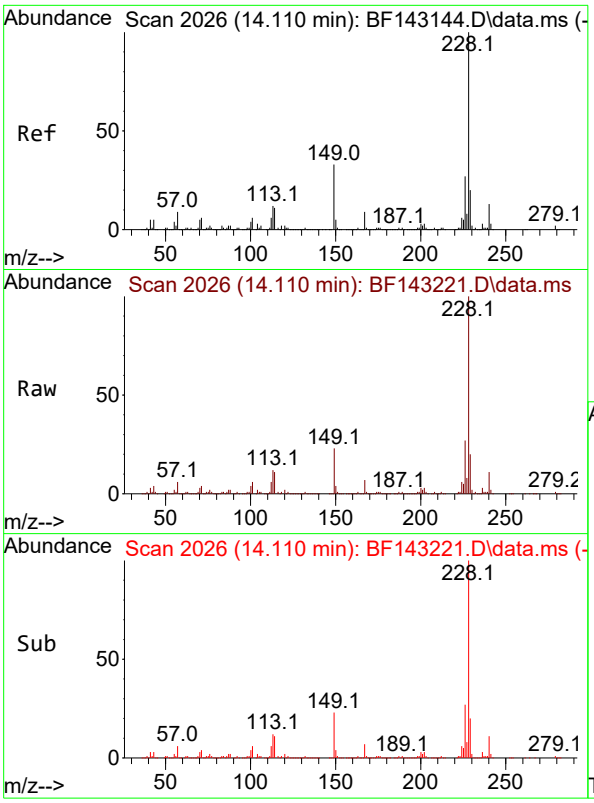


#80
Butylbenzylphthalate
Concen: 49.505 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 310396

Ion	Ratio	Lower	Upper
149	100		
91	69.5	57.9	86.9
206	22.3	17.0	25.4



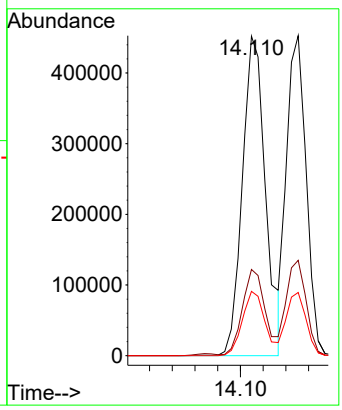


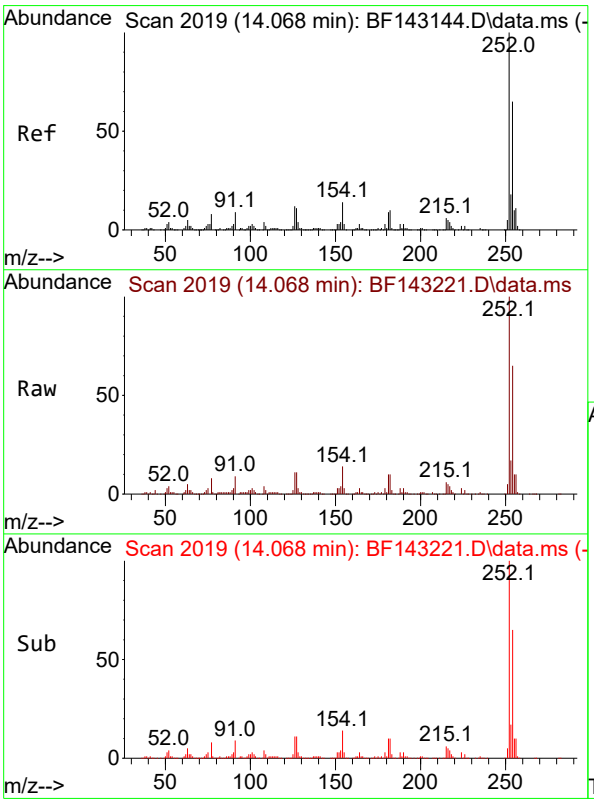
#81
Benzo(a)anthracene
Concen: 39.837 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 639877

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.1	15.8	23.6

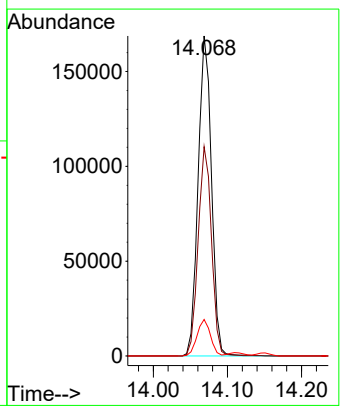


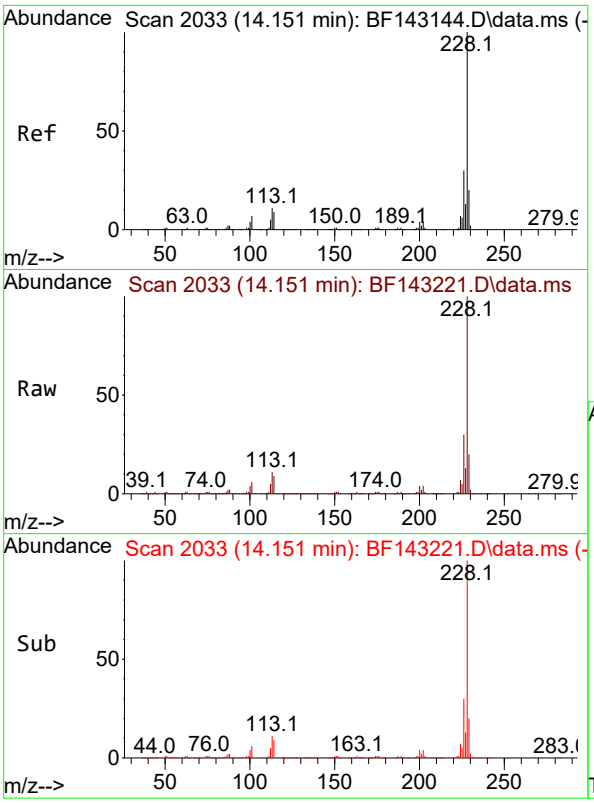


#82
3,3'-Dichlorobenzidine
Concen: 39.606 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 212028

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.7	77.5
126	11.4	9.4	14.0



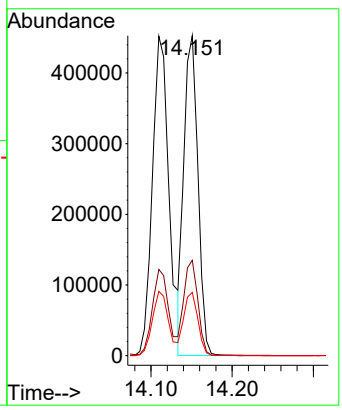


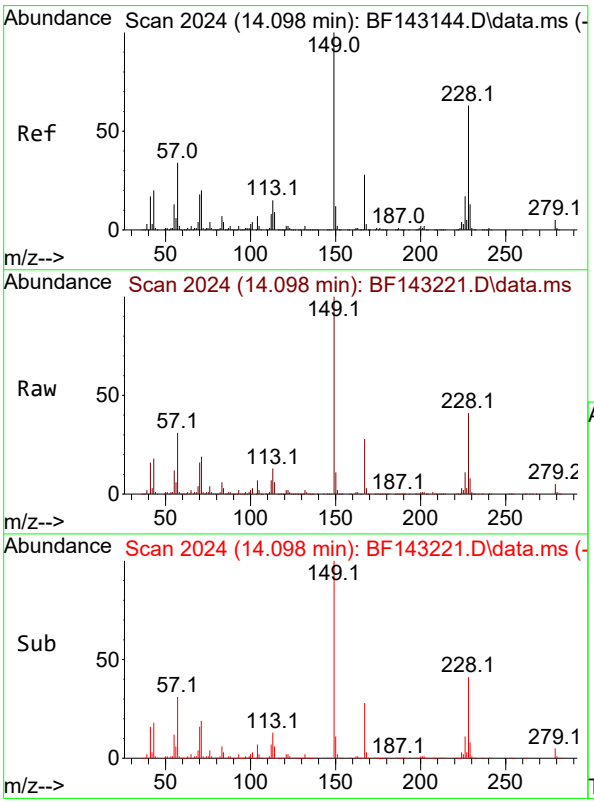
#83
Chrysene
Concen: 37.622 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 543320

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.7	15.6	23.4

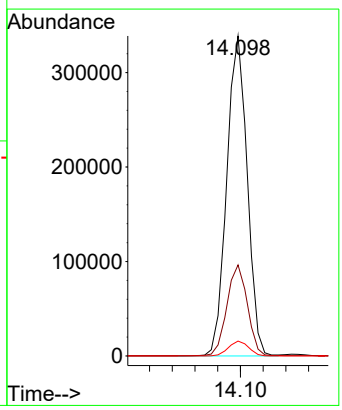


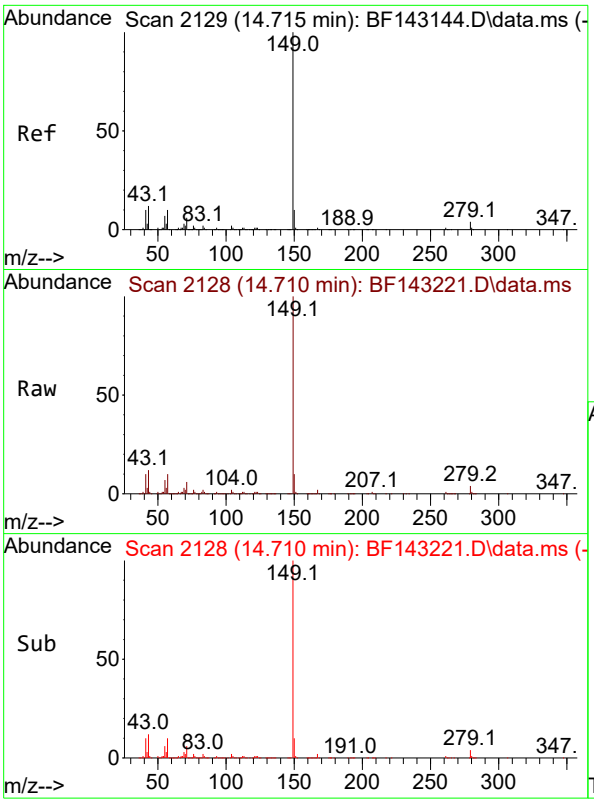


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 424006

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	4.7	3.6	5.4



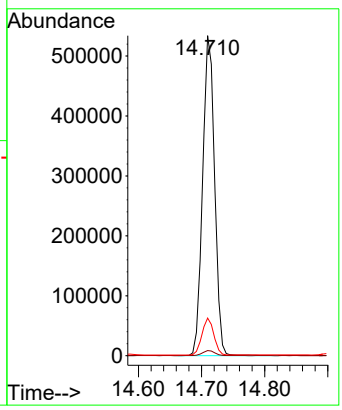


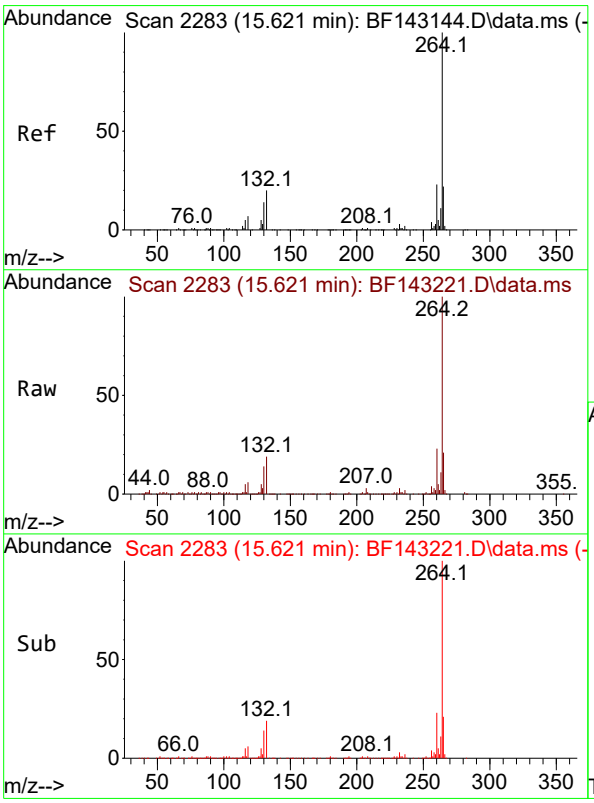
#85
Di-n-octyl phthalate
Concen: 40.789 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 701660

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.4	9.7	14.5

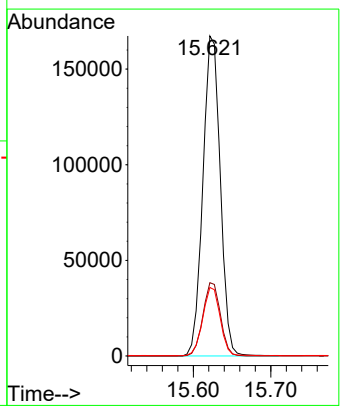


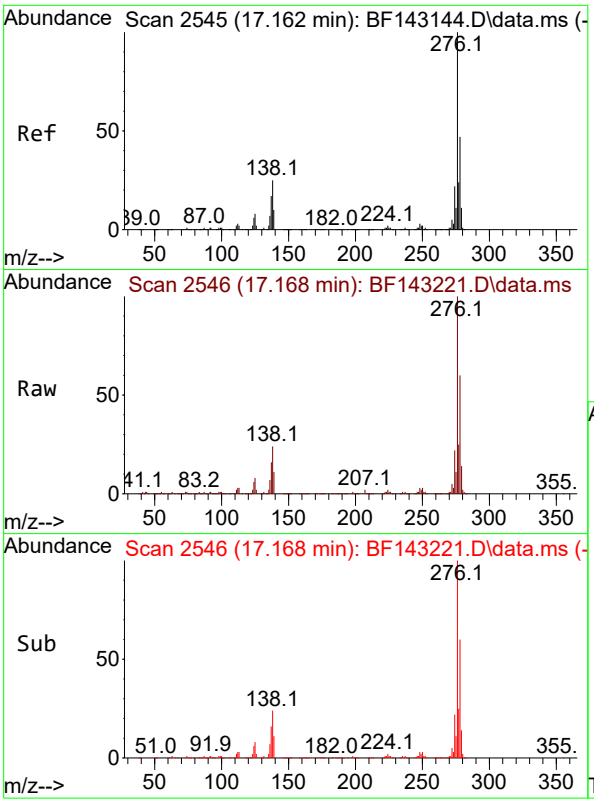


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:264 Resp: 260552

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.4	17.4	26.2



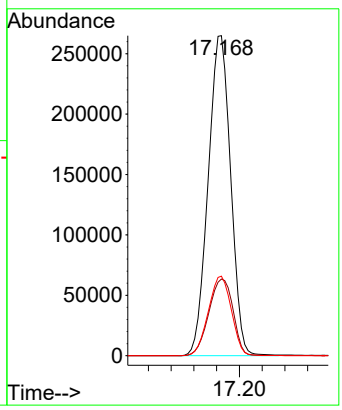


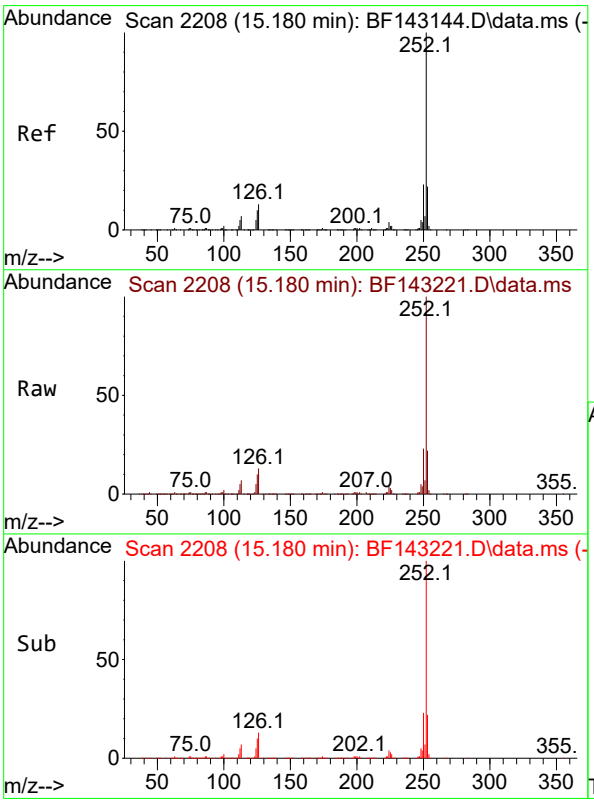
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.648 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 728424

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.8	32.6
277	25.4	20.0	30.0

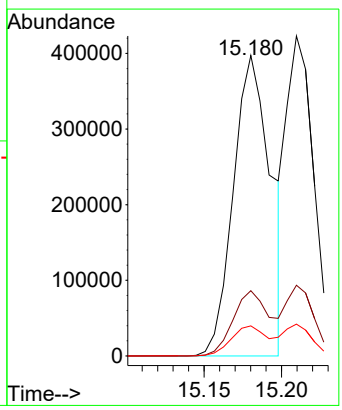


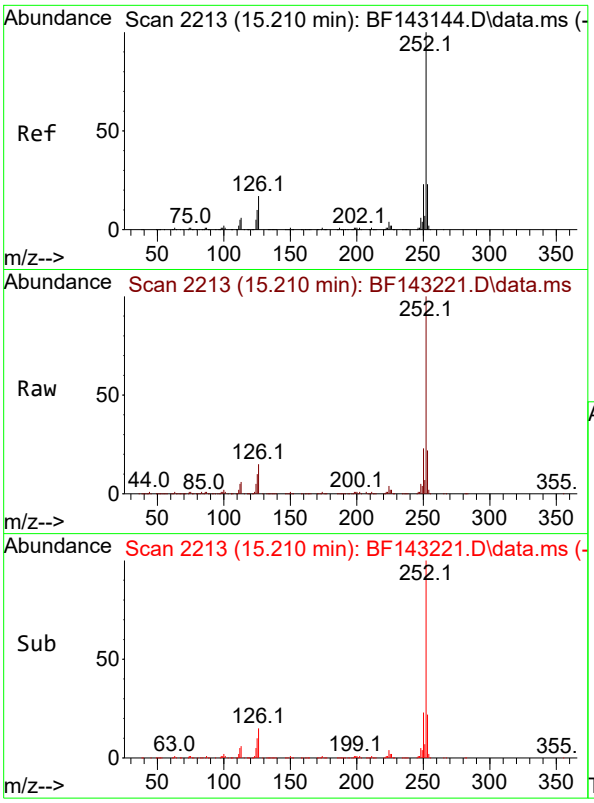


#88
Benzo(b)fluoranthene
Concen: 41.763 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 664764

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.0	8.0	12.0



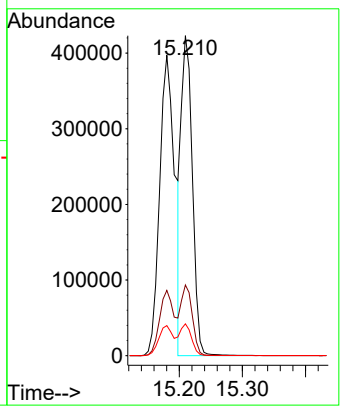


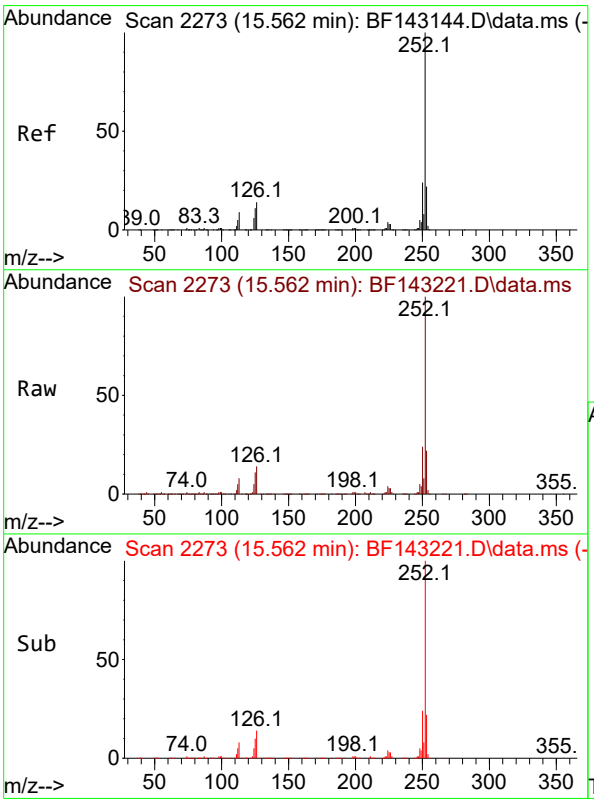
#89
Benzo(k)fluoranthene
Concen: 36.673 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 520903

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.9	8.1	12.1

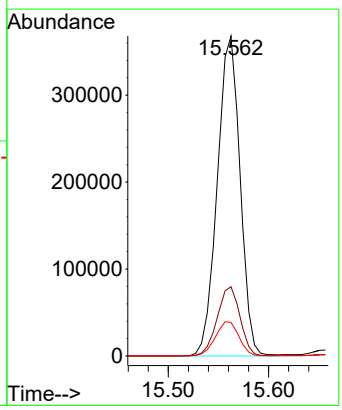


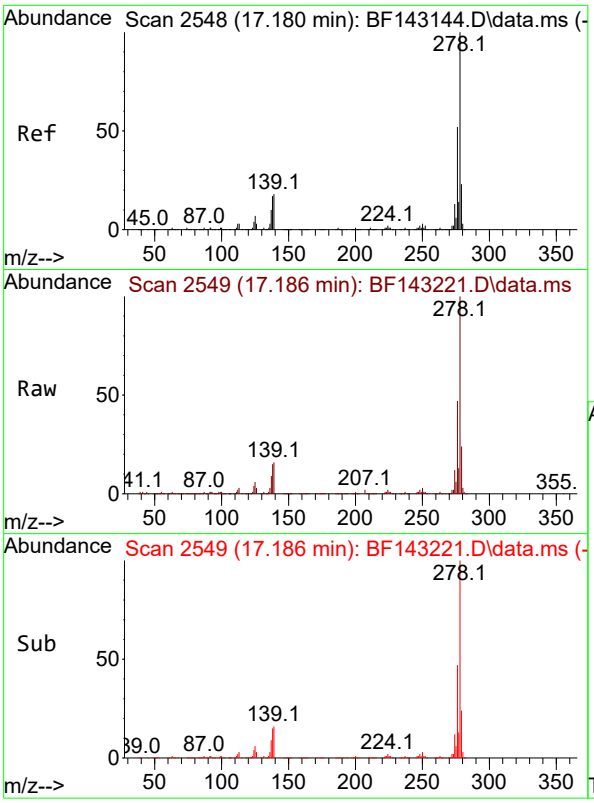


#90
Benzo(a)pyrene
Concen: 39.494 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 579199

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.5	8.6	13.0



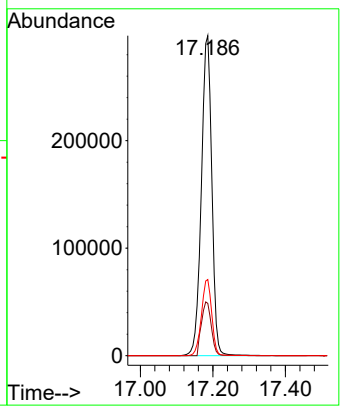


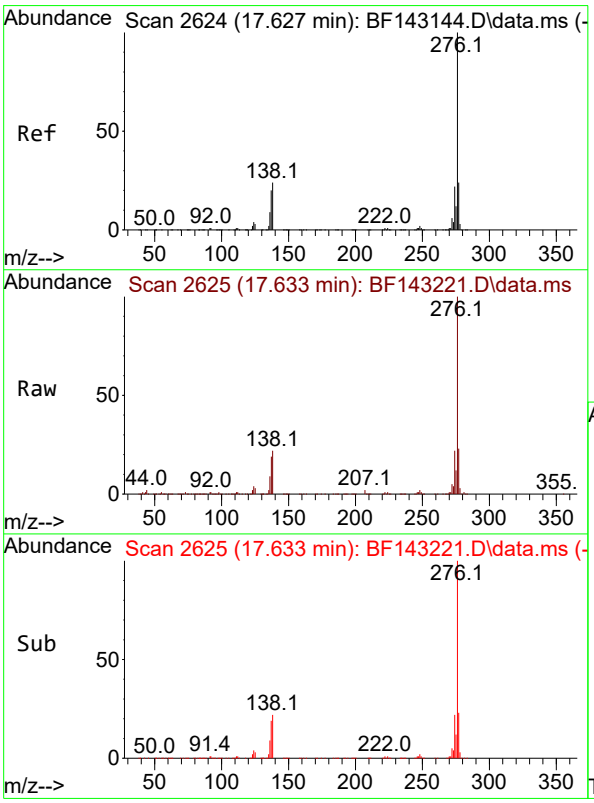
#91
Dibenzo(a,h)anthracene
Concen: 39.899 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 596645

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.1	21.1
279	23.8	18.6	28.0

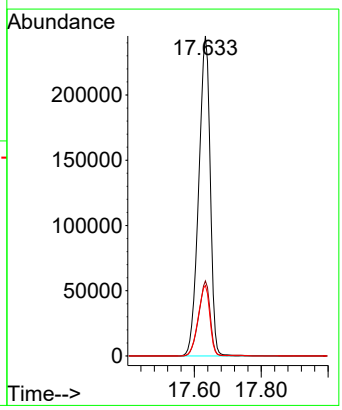




#92
Benzo(g,h,i)perylene
Concen: 40.478 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:276 Resp: 585525

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.0	18.9	28.3



Sample Results: **BF143221.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	73	0.00
2		1,4-Dioxane	0.598	0.552	7.7	67	-0.02
3		Pyridine	1.552	1.433	7.7	68	-0.01
4		n-Nitrosodimethylamine	0.801	0.757	5.5	68	-0.02
5	S	2-Fluorophenol	1.264	1.184	6.3	70	0.00
6		Aniline	2.217	2.026	8.6	67	0.00
7	S	Phenol-d6	1.591	1.484	6.7	69	0.00
8		2-Chlorophenol	1.325	1.267	4.4	70	0.00
9		Benzaldehyde	1.193	1.042	12.7	53	0.00
10	C	Phenol	1.733	1.685	2.8	72	0.00
11		bis(2-Chloroethyl)ether	1.327	1.245	6.2	70	0.00
12		1,3-Dichlorobenzene	1.439	1.377	4.3	72	0.00
13	C	1,4-Dichlorobenzene	1.449	1.408	2.8	72	0.00
14		1,2-Dichlorobenzene	1.378	1.324	3.9	72	0.00
15		Benzyl Alcohol	1.215	1.172	3.5	70	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.326	5.5	70	0.00
17		2-Methylphenol	1.114	1.072	3.8	71	0.00
18		Hexachloroethane	0.502	0.505	-0.6	74	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.945	7.4	70	0.00
20		3+4-Methylphenols	1.351	1.294	4.2	70	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22		Acetophenone	0.474	0.452	4.6	71	0.00
23	S	Nitrobenzene-d5	0.401	0.407	-1.5	73	0.00
24		Nitrobenzene	0.374	0.372	0.5	71	0.00
25		Isophorone	0.708	0.683	3.5	70	0.00
26	C	2-Nitrophenol	0.162	0.184	-13.6	76	0.00
27		2,4-Dimethylphenol	0.331	0.321	3.0	71	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.409	3.8	71	0.00
29	C	2,4-Dichlorophenol	0.279	0.277	0.7	72	0.00
30		1,2,4-Trichlorobenzene	0.302	0.298	1.3	72	0.00
31		Naphthalene	0.985	0.969	1.6	73	0.00
32		Benzoic acid	0.169	0.196	-16.0	78	0.00
33		4-Chloroaniline	0.402	0.379	5.7	69	0.00
34	C	Hexachlorobutadiene	0.184	0.185	-0.5	73	0.00
35		Caprolactam	0.084	0.087	-3.6	71	-0.01
36	C	4-Chloro-3-methylphenol	0.303	0.298	1.7	71	0.00
37		2-Methylnaphthalene	0.599	0.584	2.5	72	0.00
38		1-Methylnaphthalene	0.617	0.610	1.1	73	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	71	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.576	0.2	74	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.396	-5.3	75	0.00
42	S	2,4,6-Tribromophenol	0.207	0.204	1.4	69	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.394	1.5	73	0.00
44		2,4,5-Trichlorophenol	0.400	0.408	-2.0	72	0.00
45	S	2-Fluorobiphenyl	1.462	1.437	1.7	75	0.00
46		1,1'-Biphenyl	1.560	1.557	0.2	74	0.00
47		2-Chloronaphthalene	1.155	1.142	1.1	73	0.00

Sample Results: **BF143221.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	0.362	0.386	-6.6	73	0.00
49		Acenaphthylene	1.935	1.893	2.2	72	0.00
50		Dimethylphthalate	1.304	1.313	-0.7	73	0.00
51		2,6-Dinitrotoluene	0.265	0.288	-8.7	73	0.00
52	C	Acenaphthene	1.144	1.148	-0.3	74	0.00
53		3-Nitroaniline	0.310	0.314	-1.3	70	0.00
54	P	2,4-Dinitrophenol	0.098	0.136	-38.8#	92	0.00
55		Dibenzofuran	1.698	1.661	2.2	72	0.00
56	P	4-Nitrophenol	0.232	0.238	-2.6	69	0.00
57		2,4-Dinitrotoluene	0.333	0.376	-12.9	75	0.00
58		Fluorene	1.274	1.254	1.6	73	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.310	6.3	66	0.00
60		Diethylphthalate	1.289	1.299	-0.8	73	0.00
61		4-Chlorophenyl-phenylether	0.635	0.630	0.8	73	0.00
62		4-Nitroaniline	0.266	0.277	-4.1	70	0.00
63		Azobenzene	1.343	1.326	1.3	71	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	72	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.117	-24.5	86	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.672	4.5	71	0.00
67		4-Bromophenyl-phenylether	0.238	0.232	2.5	73	0.00
68		Hexachlorobenzene	0.249	0.242	2.8	72	0.00
69		Atrazine	0.194	0.207	-6.7	76	0.00
70	C	Pentachlorophenol	0.147	0.149	-1.4	72	0.00
71		Phenanthrene	1.062	1.037	2.4	73	0.00
72		Anthracene	1.083	1.044	3.6	72	0.00
73		Carbazole	0.946	0.929	1.8	72	0.00
74		Di-n-butylphthalate	1.070	1.155	-7.9	77	0.00
75	C	Fluoranthene	0.975	0.987	-1.2	74	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	81	0.00
77		Benzidine	0.771	0.782	-1.4	66	0.00
78		Pyrene	1.707	1.606	5.9	76	0.00
79	S	Terphenyl-d14	1.344	1.260	6.3	78	0.00
80		Butylbenzylphthalate	0.523	0.647	-23.7	96	0.00
81		Benzo(a)anthracene	1.339	1.334	0.4	84	0.00
82		3,3'-Dichlorobenzidine	0.446	0.442	0.9	83	0.00
83		Chrysene	1.204	1.132	6.0	76	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.884	-11.8	91	0.00
85	c	Di-n-octyl phthalate	1.434	1.462	-2.0	86	0.00
86	I	Perylene-d12	1.000	1.000	0.0	81	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.398	0.9	80	0.00
88		Benzo(b)fluoranthene	1.222	1.276	-4.4	90	0.00
89		Benzo(k)fluoranthene	1.090	1.000	8.3	71	0.00
90	C	Benzo(a)pyrene	1.126	1.111	1.3	80	0.00
91		Dibenzo(a,h)anthracene	1.148	1.145	0.3	80	0.00
92		Benzo(g,h,i)perylene	1.110	1.124	-1.3	82	0.00

Sample Results: **BF143221.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

Sample Results: **BF143221.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	73	0.00
2		1,4-Dioxane	40.000	36.945	7.6	67	-0.02
3		Pyridine	40.000	36.936	7.7	68	-0.01
4		n-Nitrosodimethylamine	40.000	37.804	5.5	68	-0.02
5	S	2-Fluorophenol	80.000	74.933	6.3	70	0.00
6		Aniline	40.000	36.553	8.6	67	0.00
7	S	Phenol-d6	80.000	74.643	6.7	69	0.00
8		2-Chlorophenol	40.000	38.262	4.3	70	0.00
9		Benzaldehyde	40.000	34.958	12.6	53	0.00
10	C	Phenol	40.000	38.903	2.7	72	0.00
11		bis(2-Chloroethyl)ether	40.000	37.530	6.2	70	0.00
12		1,3-Dichlorobenzene	40.000	38.273	4.3	72	0.00
13	C	1,4-Dichlorobenzene	40.000	38.864	2.8	72	0.00
14		1,2-Dichlorobenzene	40.000	38.432	3.9	72	0.00
15		Benzyl Alcohol	40.000	38.601	3.5	70	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.792	5.5	70	0.00
17		2-Methylphenol	40.000	38.491	3.8	71	0.00
18		Hexachloroethane	40.000	40.244	-0.6	74	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.020	7.4	70	0.00
20		3+4-Methylphenols	40.000	38.309	4.2	70	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22		Acetophenone	40.000	38.203	4.5	71	0.00
23	S	Nitrobenzene-d5	80.000	81.218	-1.5	73	0.00
24		Nitrobenzene	40.000	39.826	0.4	71	0.00
25		Isophorone	40.000	38.556	3.6	70	0.00
26	C	2-Nitrophenol	40.000	45.287	-13.2	76	0.00
27		2,4-Dimethylphenol	40.000	38.857	2.9	71	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.544	3.6	71	0.00
29	C	2,4-Dichlorophenol	40.000	39.769	0.6	72	0.00
30		1,2,4-Trichlorobenzene	40.000	39.506	1.2	72	0.00
31		Naphthalene	40.000	39.367	1.6	73	0.00
32		Benzoic acid	40.000	42.633	-6.6	78	0.00
33		4-Chloroaniline	40.000	37.678	5.8	69	0.00
34	C	Hexachlorobutadiene	40.000	40.216	-0.5	73	0.00
35		Caprolactam	40.000	41.239	-3.1	71	-0.01
36	C	4-Chloro-3-methylphenol	40.000	39.279	1.8	71	0.00
37		2-Methylnaphthalene	40.000	39.000	2.5	72	0.00
38		1-Methylnaphthalene	40.000	39.512	1.2	73	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	71	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.918	0.2	74	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.201	-5.5	75	0.00
42	S	2,4,6-Tribromophenol	80.000	79.071	1.2	69	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.390	1.5	73	0.00
44		2,4,5-Trichlorophenol	40.000	40.875	-2.2	72	0.00
45	S	2-Fluorobiphenyl	80.000	78.638	1.7	75	0.00
46		1,1'-Biphenyl	40.000	39.925	0.2	74	0.00
47		2-Chloronaphthalene	40.000	39.574	1.1	73	0.00

Sample Results: **BF143221.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	42.672	-6.7	73	0.00
49		Acenaphthylene	40.000	39.131	2.2	72	0.00
50		Dimethylphthalate	40.000	40.296	-0.7	73	0.00
51		2,6-Dinitrotoluene	40.000	43.380	-8.5	73	0.00
52	C	Acenaphthene	40.000	40.152	-0.4	74	0.00
53		3-Nitroaniline	40.000	40.486	-1.2	70	0.00
54	P	2,4-Dinitrophenol	40.000	48.021	-20.1	92	0.00
55		Dibenzofuran	40.000	39.131	2.2	72	0.00
56	P	4-Nitrophenol	40.000	41.078	-2.7	69	0.00
57		2,4-Dinitrotoluene	40.000	45.245	-13.1	75	0.00
58		Fluorene	40.000	39.375	1.6	73	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	37.408	6.5	66	0.00
60		Diethylphthalate	40.000	40.338	-0.8	73	0.00
61		4-Chlorophenyl-phenylether	40.000	39.732	0.7	73	0.00
62		4-Nitroaniline	40.000	41.742	-4.4	70	0.00
63		Azobenzene	40.000	39.494	1.3	71	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	72	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.161	-12.9	86	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.172	4.6	71	0.00
67		4-Bromophenyl-phenylether	40.000	38.872	2.8	73	0.00
68		Hexachlorobenzene	40.000	38.896	2.8	72	0.00
69		Atrazine	40.000	42.677	-6.7	76	0.00
70	C	Pentachlorophenol	40.000	40.704	-1.8	72	0.00
71		Phenanthrene	40.000	39.073	2.3	73	0.00
72		Anthracene	40.000	38.563	3.6	72	0.00
73		Carbazole	40.000	39.296	1.8	72	0.00
74		Di-n-butylphthalate	40.000	43.168	-7.9	77	0.00
75	C	Fluoranthene	40.000	40.515	-1.3	74	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	81	0.00
77		Benzidine	40.000	40.589	-1.5	66	0.00
78		Pyrene	40.000	37.639	5.9	76	0.00
79	S	Terphenyl-d14	80.000	75.002	6.2	78	0.00
80		Butylbenzylphthalate	40.000	49.505	-23.8	96	0.00
81		Benzo(a)anthracene	40.000	39.837	0.4	84	0.00
82		3,3'-Dichlorobenzidine	40.000	39.606	1.0	83	0.00
83		Chrysene	40.000	37.622	5.9	76	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.678	-11.7	91	0.00
85	c	Di-n-octyl phthalate	40.000	40.789	-2.0	86	0.00
86	I	Perylene-d12	20.000	20.000	0.0	81	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.648	0.9	80	0.00
88		Benzo(b)fluoranthene	40.000	41.763	-4.4	90	0.00
89		Benzo(k)fluoranthene	40.000	36.673	8.3	71	0.00
90	C	Benzo(a)pyrene	40.000	39.494	1.3	80	0.00
91		Dibenzo(a,h)anthracene	40.000	39.899	0.3	80	0.00
92		Benzo(g,h,i)perylene	40.000	40.478	-1.2	82	0.00

Sample Results: **BF143221.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/22/2025 09:45

Lab File ID: BP025207.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.184	1.169		-1.3	
Phenol-d6	1.466	1.473		0.5	
Nitrobenzene-d5	0.360	0.359		-0.3	
Naphthalene	1.023	1.011		-1.2	
2-Methylnaphthalene	0.665	0.652		-2.0	
2-Fluorobiphenyl	1.419	1.463		3.1	
Acenaphthylene	1.831	1.859		1.5	
Acenaphthene	1.059	1.064		0.5	20.0
Fluorene	1.358	1.377		1.4	
2,4,6-Tribromophenol	0.295	0.299		1.4	
Phenanthrene	1.079	1.082		0.3	
Anthracene	1.087	1.107		1.8	
Fluoranthene	1.270	1.296		2.0	20.0
Pyrene	1.233	1.234		0.1	
Terphenyl-d14	1.013	0.994		-1.9	
Benzo(a)anthracene	1.263	1.260		-0.2	
Chrysene	1.179	1.146		-2.8	
Benzo(b)fluoranthene	1.145	1.142		-0.3	
Benzo(k)fluoranthene	1.130	1.102		-2.5	
Benzo(a)pyrene	1.117	1.097		-1.8	20.0
Indeno(1,2,3-cd)pyrene	1.462	1.427		-2.4	
Dibenzo(a,h)anthracene	1.192	1.164		-2.3	
Benzo(g,h,i)perylene	1.172	1.139		-2.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.425	152	518495	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	2112482	20.000	ng		0.00
39) Acenaphthene-d10	14.072	164	1361964	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	2757839	20.000	ng		0.00
76) Chrysene-d12	21.336	240	3009908	20.000	ng		0.01
86) Perylene-d12	24.442	264	3535256	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2425075	79.027	ng		0.00
7) Phenol-d6	6.631	99	3054760	80.374	ng		0.00
23) Nitrobenzene-d5	8.554	82	3030019	79.711	ng		-0.01
42) 2,4,6-Tribromophenol	15.601	330	1629244	81.144	ng		-0.01
45) 2-Fluorobiphenyl	12.678	172	7969114	82.491	ng		0.00
79) Terphenyl-d14	19.660	244	11965520	78.475	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	463086	40.265	ng		99
3) Pyridine	3.490	79	1223577	39.744	ng		99
4) n-Nitrosodimethylamine	3.402	42	485267	39.746	ng		95
6) Aniline	6.772	93	1999490	40.247	ng		100
8) 2-Chlorophenol	7.002	128	1380335	39.644	ng		100
9) Benzaldehyde	6.590	77	558250	21.664	ng		100
10) Phenol	6.655	94	1574243	39.940	ng		99
11) bis(2-Chloroethyl)ether	6.866	93	1207296	39.952	ng		99
12) 1,3-Dichlorobenzene	7.313	146	1544490	39.446	ng		100
13) 1,4-Dichlorobenzene	7.466	146	1561362	39.505	ng		100
14) 1,2-Dichlorobenzene	7.766	146	1508118	39.666	ng		99
15) Benzyl Alcohol	7.660	79	1089822	39.752	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.943	45	1532016	39.623	ng		99
17) 2-Methylphenol	7.866	107	1090452	39.905	ng		99
18) Hexachloroethane	8.484	117	540308	39.753	ng		99
19) n-Nitroso-di-n-propyla...	8.225	70	930190	40.683	ng		99
20) 3+4-Methylphenols	8.190	107	1465307	39.311	ng		99
22) Acetophenone	8.231	105	1957009	39.812	ng	#	99
24) Nitrobenzene	8.596	77	1354910	39.985	ng		97
25) Isophorone	9.119	82	2660042	39.793	ng		99
26) 2-Nitrophenol	9.296	139	764629	39.295	ng		100
27) 2,4-Dimethylphenol	9.366	122	1286595	39.514	ng		98
28) bis(2-Chloroethoxy)met...	9.607	93	1663010	39.774	ng		100
29) 2,4-Dichlorophenol	9.831	162	1325228	39.617	ng		100
30) 1,2,4-Trichlorobenzene	10.037	180	1415875	38.753	ng		99
31) Naphthalene	10.219	128	4273231	39.531	ng		100
32) Benzoic acid	9.519	122	997204	40.117	ng		100
33) 4-Chloroaniline	10.331	127	1904319	40.076	ng		99
34) Hexachlorobutadiene	10.519	225	854879	38.875	ng		99
35) Caprolactam	11.107	113	448126	40.364	ng		97
36) 4-Chloro-3-methylphenol	11.472	107	1336748	39.976	ng		98
37) 2-Methylnaphthalene	11.842	142	2754497	39.242	ng		99
38) 1-Methylnaphthalene	12.078	142	2924334	39.661	ng		99
40) 1,2,4,5-Tetrachloroben...	12.219	216	1601181	39.221	ng		100
41) Hexachlorocyclopentadiene	12.207	237	1014403	41.625	ng		100
43) 2,4,6-Trichlorophenol	12.472	196	1096323	39.303	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

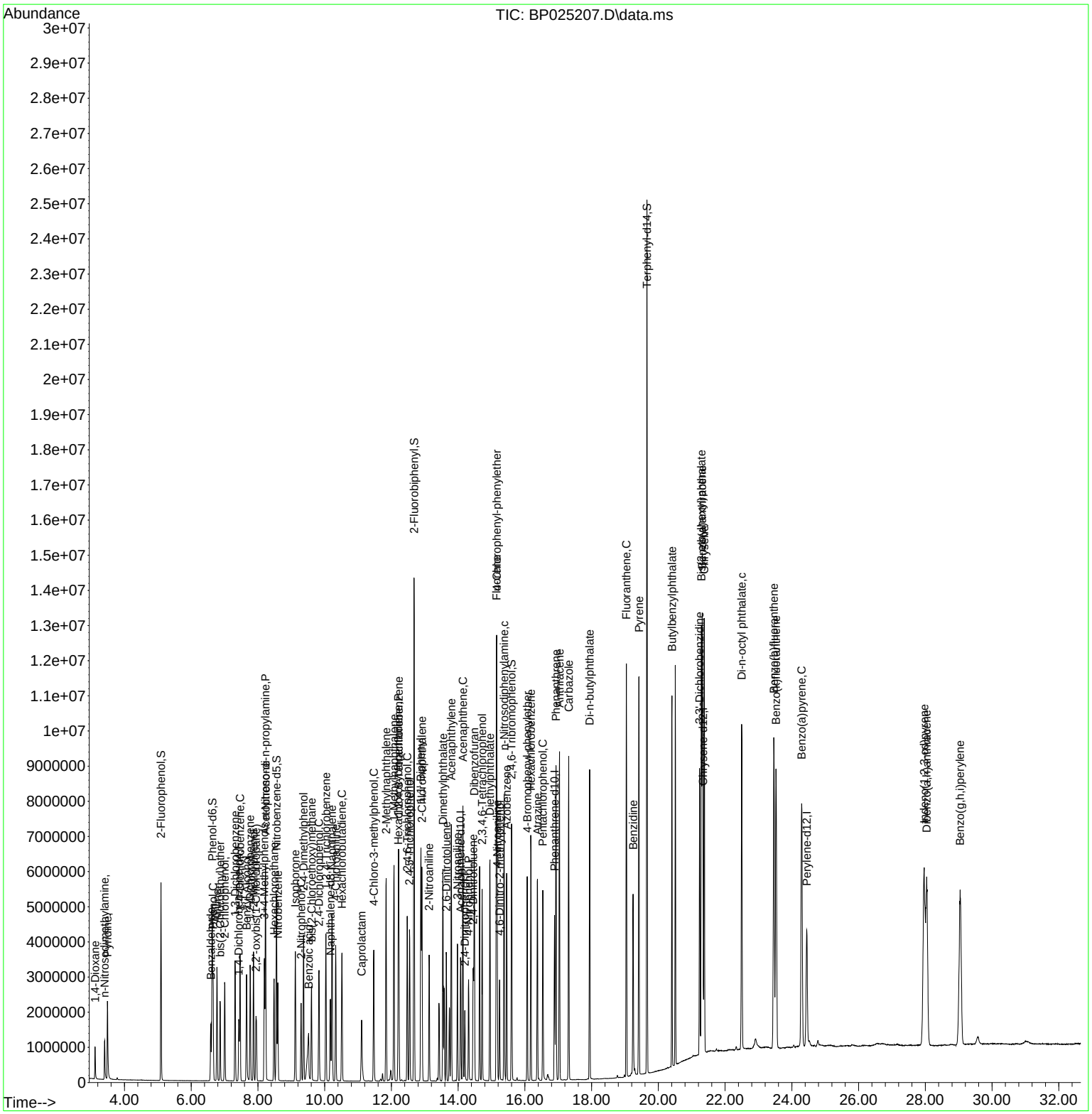
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.542	196	1214535	39.566	ng	98
46) 1,1'-Biphenyl	12.884	154	3950355	40.011	ng	99
47) 2-Chloronaphthalene	12.913	162	3027199	39.272	ng	100
48) 2-Nitroaniline	13.131	65	809532	41.124	ng	97
49) Acenaphthylene	13.795	152	5062462	40.605	ng	100
50) Dimethylphthalate	13.542	163	3909321	40.135	ng	99
51) 2,6-Dinitrotoluene	13.648	165	862324	40.744	ng	99
52) Acenaphthene	14.142	154	2898523	40.205	ng	99
53) 3-Nitroaniline	13.978	138	983105	41.192	ng	96
54) 2,4-Dinitrophenol	14.201	184	507149	40.443	ng	98
55) Dibenzofuran	14.484	168	4687689	40.254	ng	100
56) 4-Nitrophenol	14.313	139	835643	40.917	ng	100
57) 2,4-Dinitrotoluene	14.448	165	1234188	41.660	ng	99
58) Fluorene	15.148	166	3750723	40.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.719	232	1103688	40.628	ng	99
60) Diethylphthalate	14.954	149	3857221	40.178	ng	99
61) 4-Chlorophenyl-phenyle...	15.154	204	1891590	40.491	ng	99
62) 4-Nitroaniline	15.172	138	1013030	41.736	ng	100
63) Azobenzene	15.454	77	3169050	40.508	ng	99
65) 4,6-Dinitro-2-methylph...	15.242	198	706886	39.717	ng	99
66) n-Nitrosodiphenylamine	15.378	169	3343811	39.946	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1273621	39.571	ng	99
68) Hexachlorobenzene	16.178	284	1502136	39.300	ng	96
69) Atrazine	16.378	200	1252019	40.420	ng	99
70) Pentachlorophenol	16.536	266	1040121	40.017	ng	99
71) Phenanthrene	16.930	178	5969977	40.136	ng	99
72) Anthracene	17.036	178	6105908	40.748	ng	100
73) Carbazole	17.313	167	5750854	40.204	ng	100
74) Di-n-butylphthalate	17.942	149	6889127	41.740	ng	100
75) Fluoranthene	19.042	202	7147505	40.829	ng	99
77) Benzidine	19.242	184	3254391	30.797	ng	99
78) Pyrene	19.419	202	7430372	40.037	ng	99
80) Butylbenzylphthalate	20.407	149	3240787	38.577	ng	99
81) Benzo(a)anthracene	21.313	228	7587133	39.916	ng	99
82) 3,3'-Dichlorobenzidine	21.236	252	2981932	37.846	ng	100
83) Chrysene	21.371	228	6901176	38.894	ng	100
84) Bis(2-ethylhexyl)phtha...	21.289	149	4820387	40.129	ng	100
85) Di-n-octyl phthalate	22.495	149	8355542	40.281	ng	100
87) Indeno(1,2,3-cd)pyrene	27.965	276	10087175	39.045	ng	96
88) Benzo(b)fluoranthene	23.460	252	8075955	39.909	ng	99
89) Benzo(k)fluoranthene	23.524	252	7791858	39.003	ng	100
90) Benzo(a)pyrene	24.295	252	7755162	39.278	ng	99
91) Dibenzo(a,h)anthracene	28.042	278	8228589	39.040	ng	99
92) Benzo(g,h,i)perylene	29.042	276	8055533	38.890	ng	99

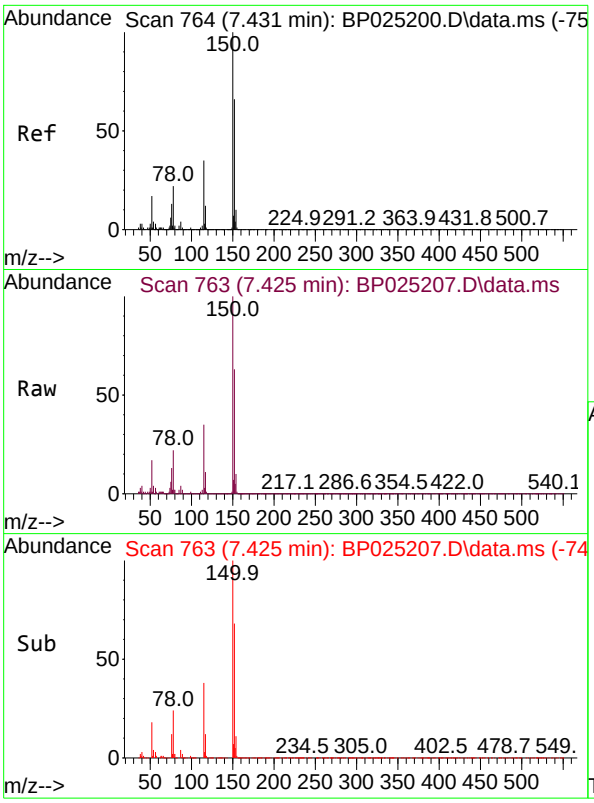
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



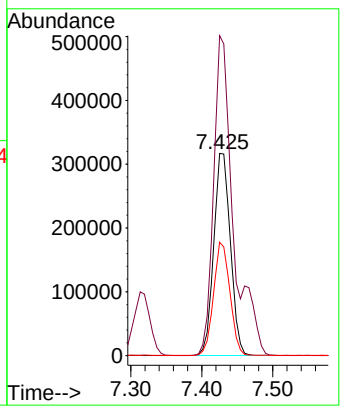


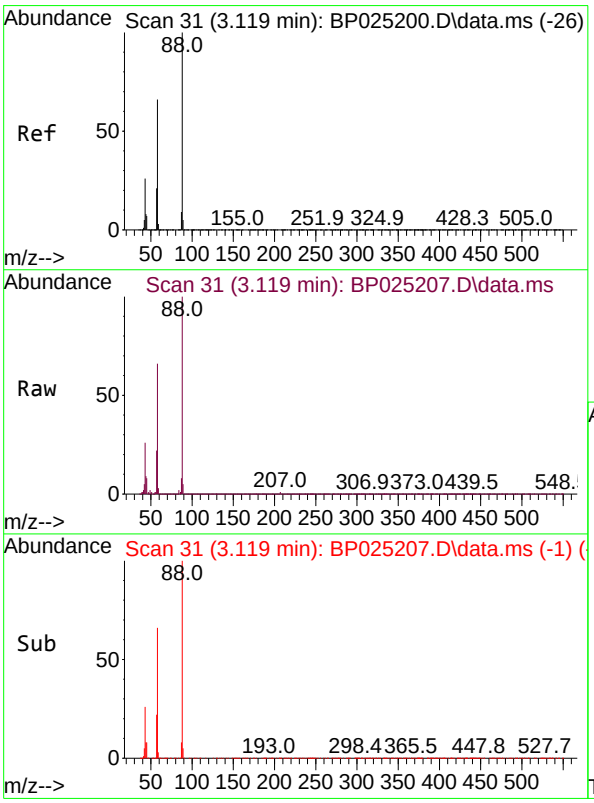
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 518495

Ion	Ratio	Lower	Upper
152	100		
150	158.3	121.9	182.9
115	56.1	43.0	64.6

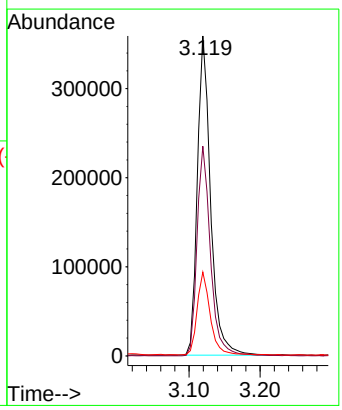


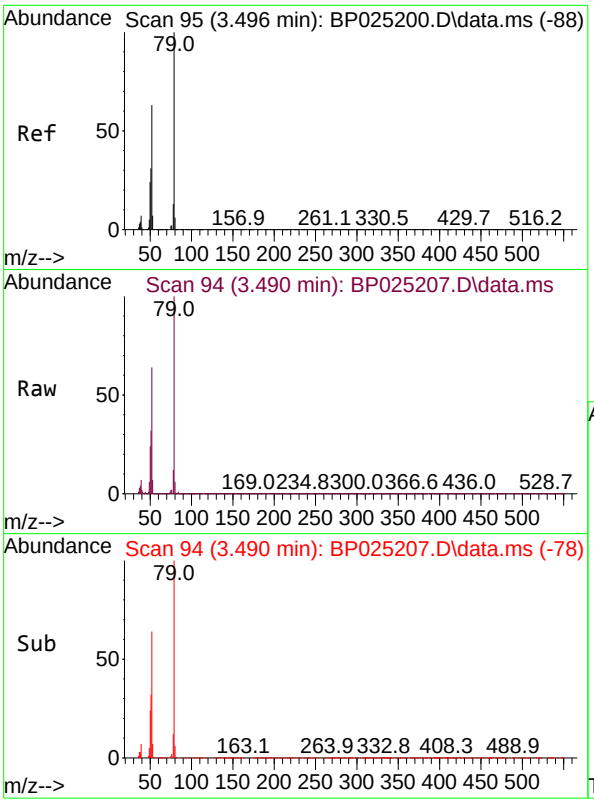


#2
1,4-Dioxane
Concen: 40.265 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 88 Resp: 463086

Ion	Ratio	Lower	Upper
88	100		
58	66.5	53.5	80.3
43	25.4	20.8	31.2



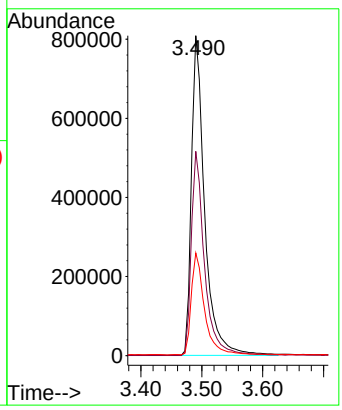


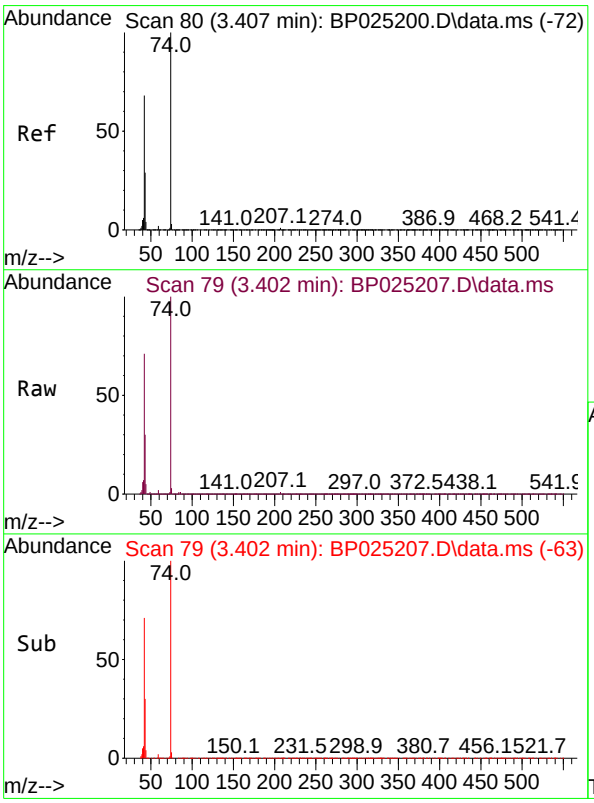
#3
Pyridine
Concen: 39.744 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1223577

Ion	Ratio	Lower	Upper
79	100		
52	63.9	50.2	75.4
51	32.1	25.0	37.4

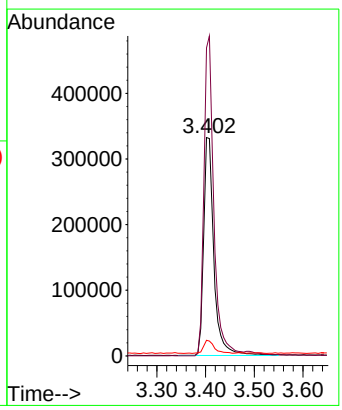


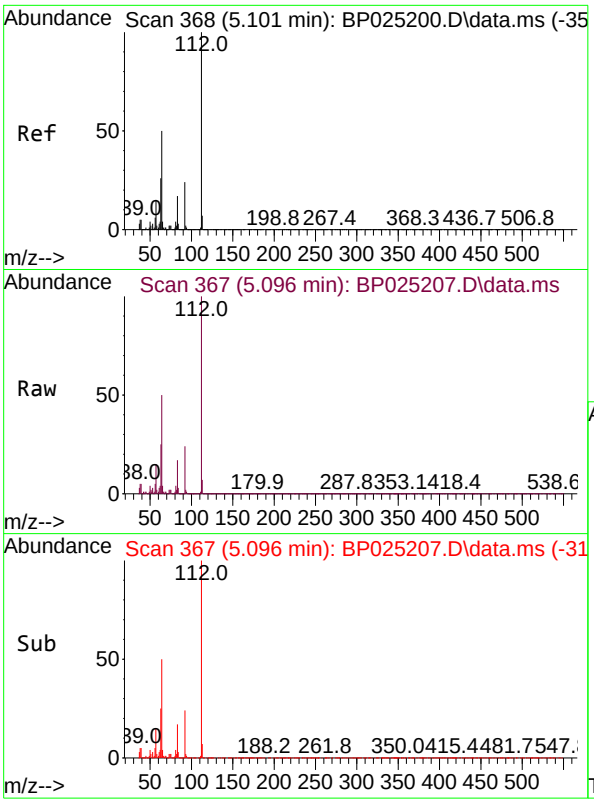


#4
n-Nitrosodimethylamine
Concen: 39.746 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 42 Resp: 485267

Ion	Ratio	Lower	Upper
42	100		
74	141.1	118.0	177.0
44	7.2	5.5	8.3



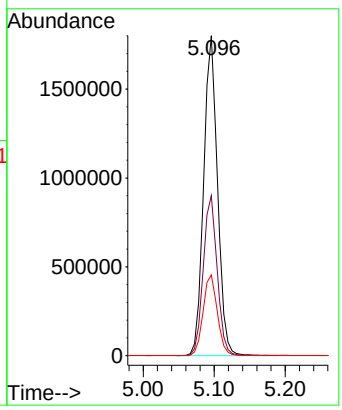


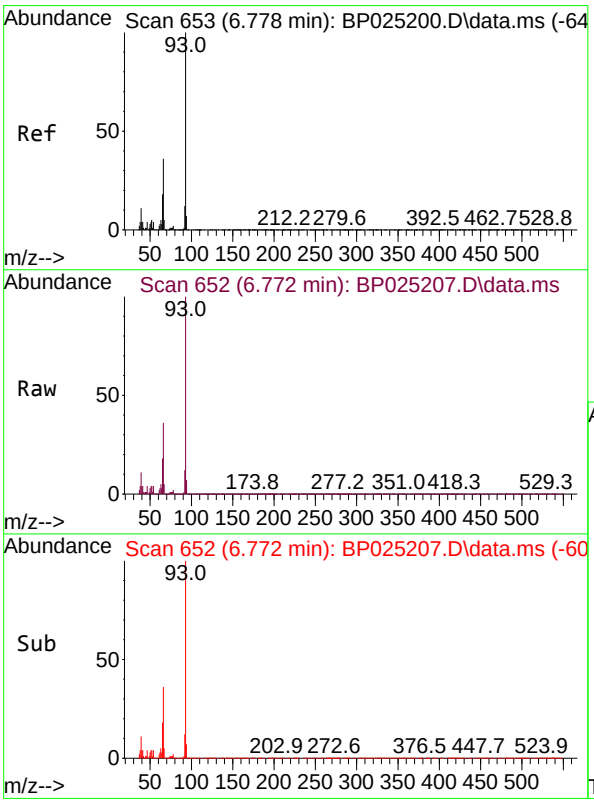
#5
2-Fluorophenol
Concen: 79.027 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2425075

Ion	Ratio	Lower	Upper
112	100		
64	50.0	39.8	59.6
63	25.2	20.5	30.7

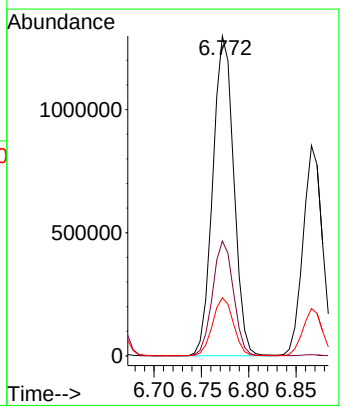


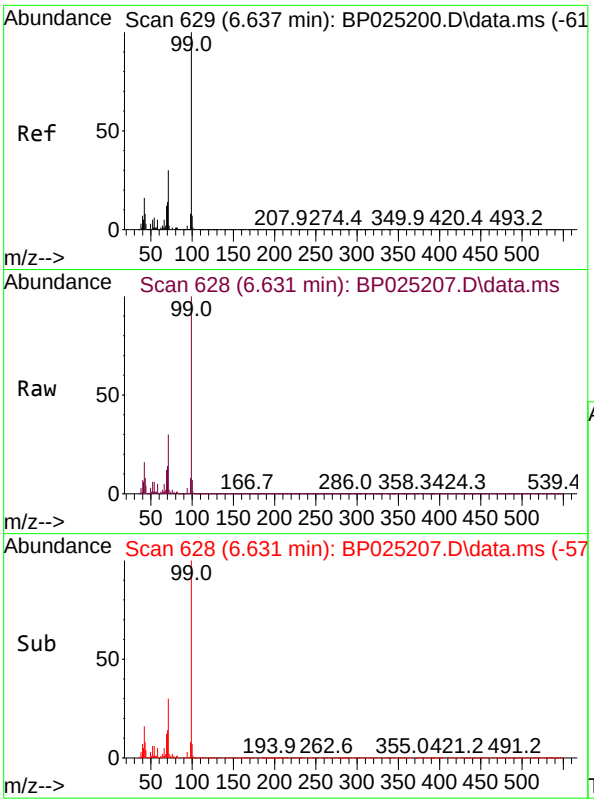


#6
Aniline
Concen: 40.247 ng
RT: 6.772 min Scan# 652
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 93 Resp: 1999490

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.6	43.0
65	18.2	14.6	21.8



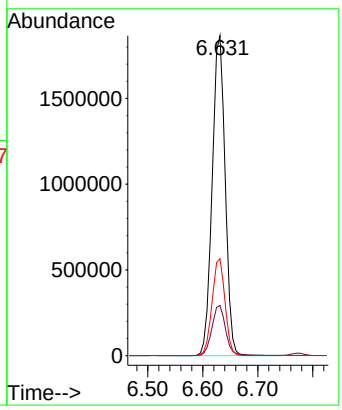


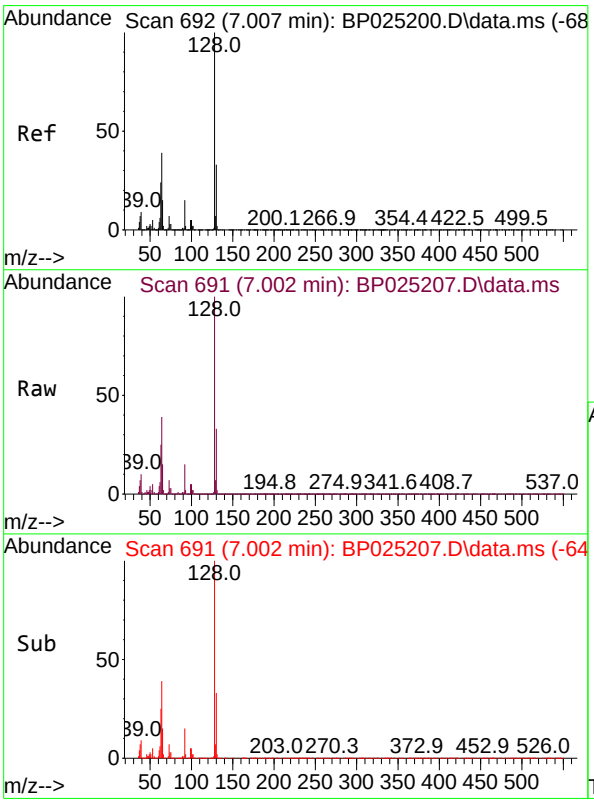
#7
Phenol-d6
Concen: 80.374 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 3054760

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.3	24.2	36.2

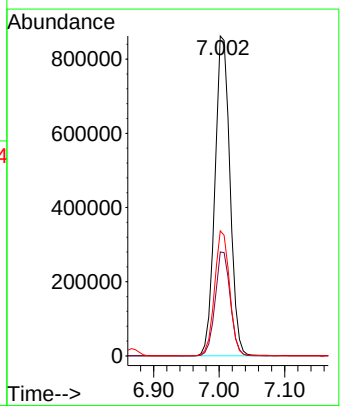


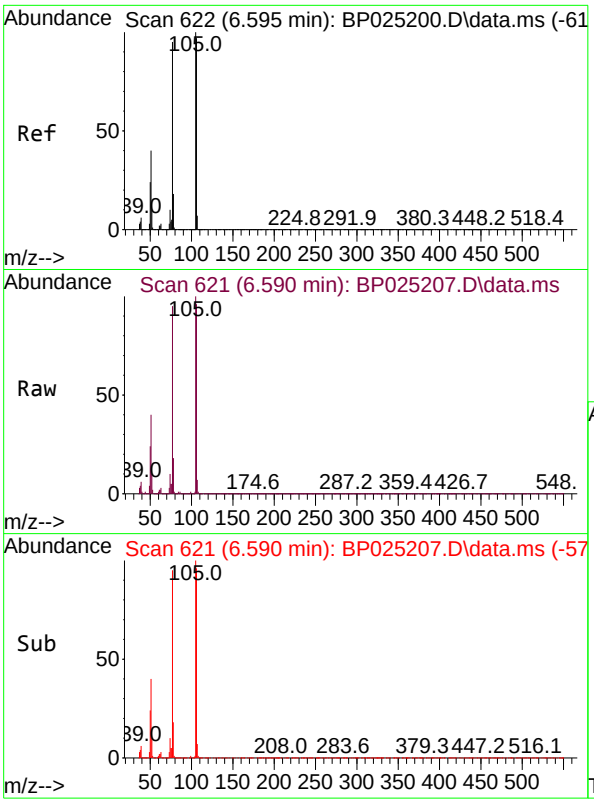


#8
2-Chlorophenol
Concen: 39.644 ng
RT: 7.002 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:128 Resp: 1380335

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	39.1	19.2	59.2



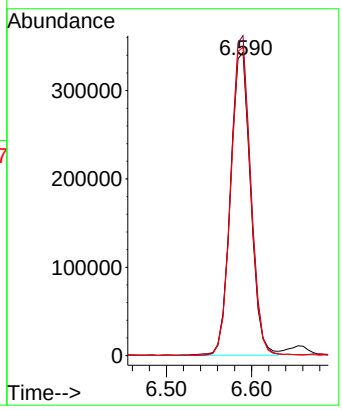


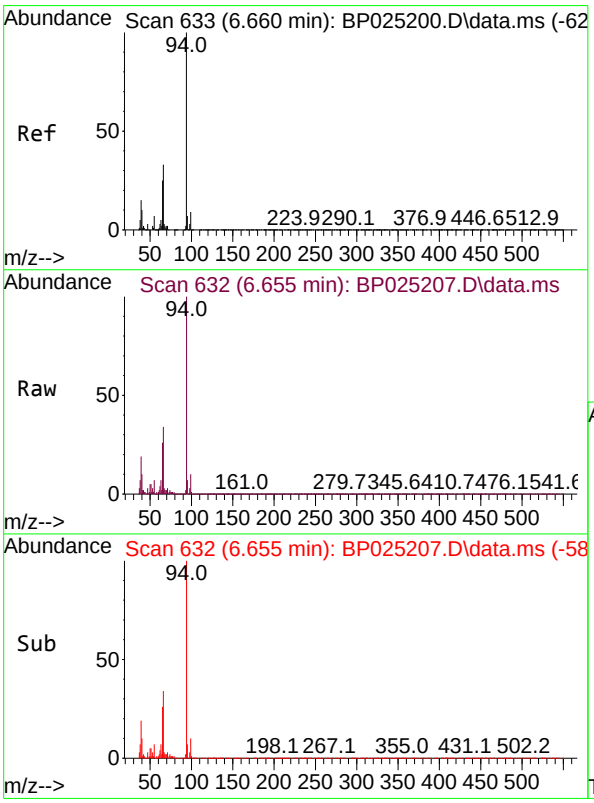
#9
Benzaldehyde
Concen: 21.664 ng
RT: 6.590 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 558250

Ion	Ratio	Lower	Upper
77	100		
105	105.6	85.5	125.5
106	101.8	81.9	121.9

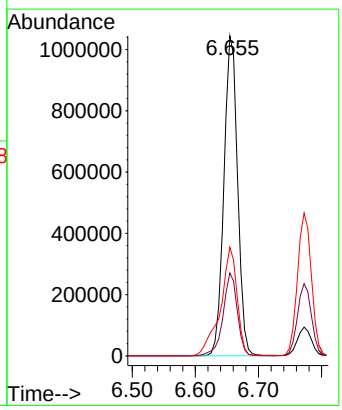


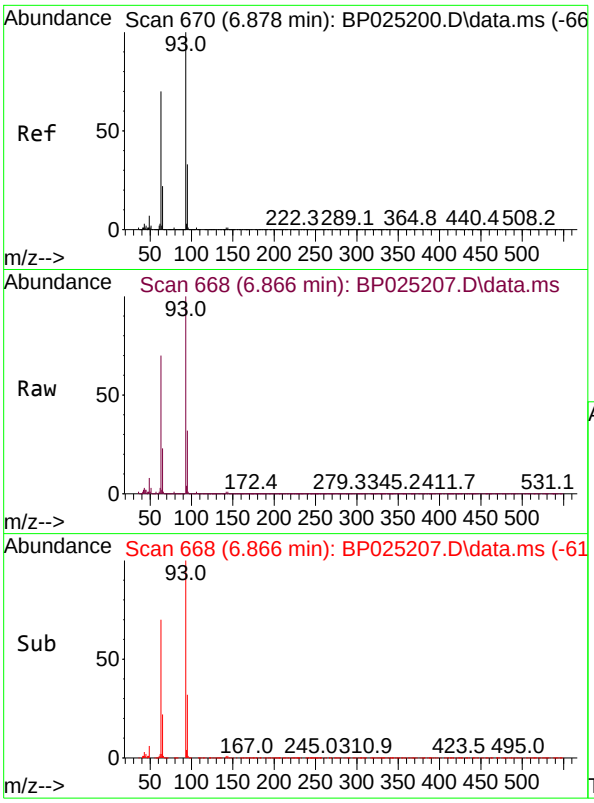


#10
Phenol
Concen: 39.940 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 94 Resp: 1574243

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.4	45.4
66	33.9	13.5	53.5



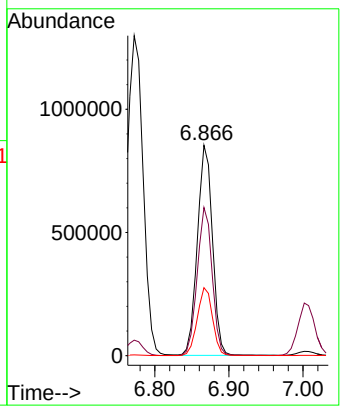


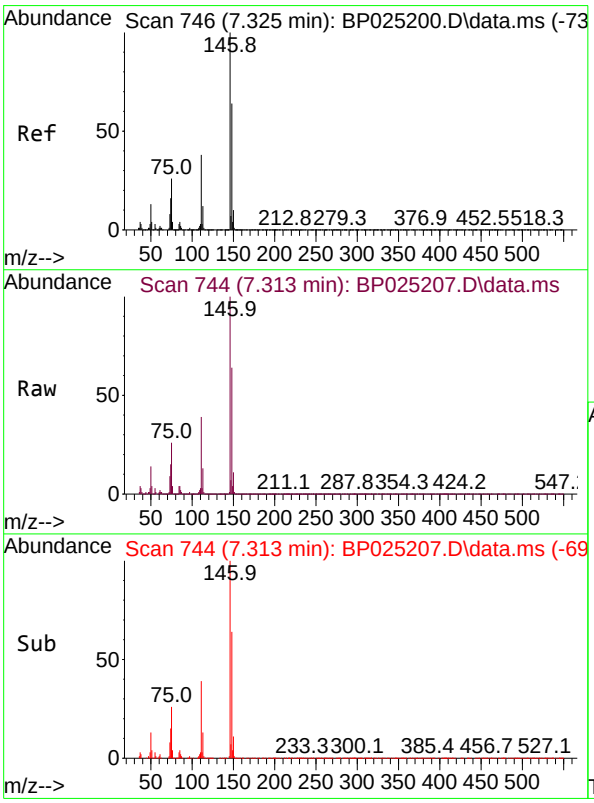
#11
bis(2-Chloroethyl)ether
Concen: 39.952 ng
RT: 6.866 min Scan# 6
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1207296

Ion	Ratio	Lower	Upper
93	100		
63	70.4	50.0	90.0
95	32.3	12.9	52.9

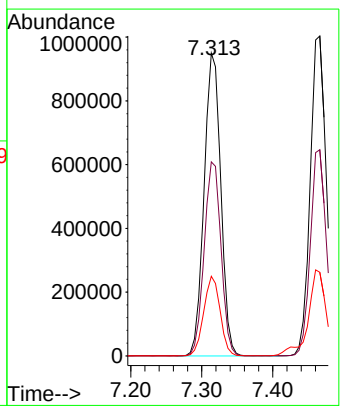


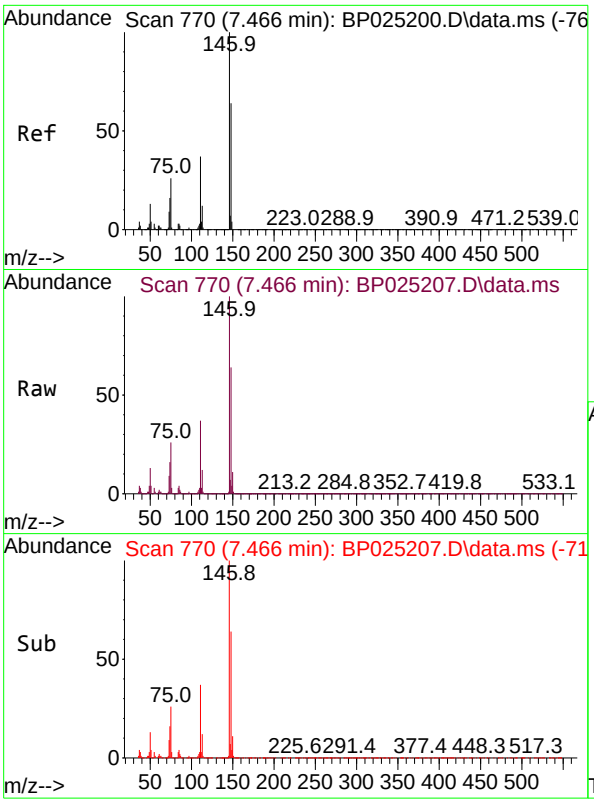


#12
1,3-Dichlorobenzene
Concen: 39.446 ng
RT: 7.313 min Scan# 744
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:146 Resp: 1544490

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	26.3	20.6	31.0



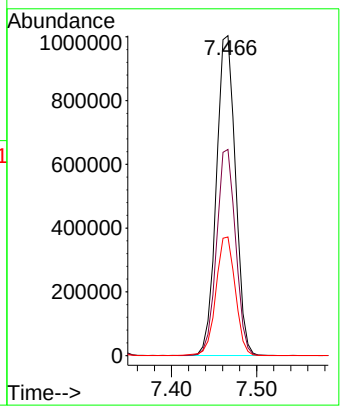


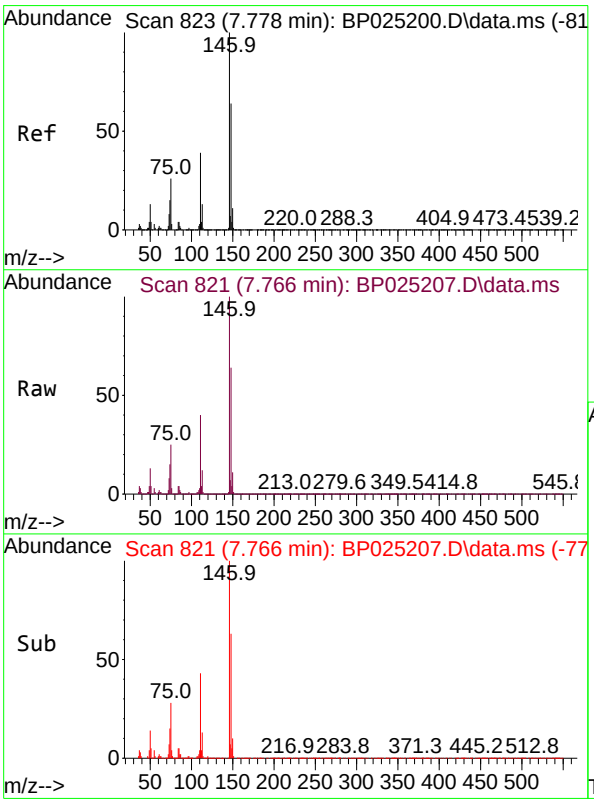
#13
1,4-Dichlorobenzene
Concen: 39.505 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1561362

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	37.1	29.9	44.9

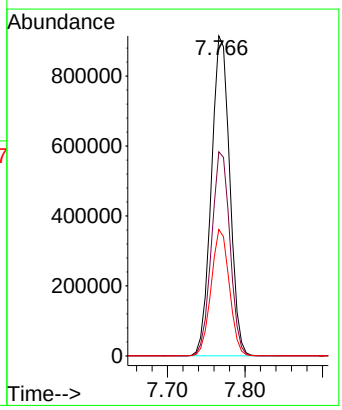


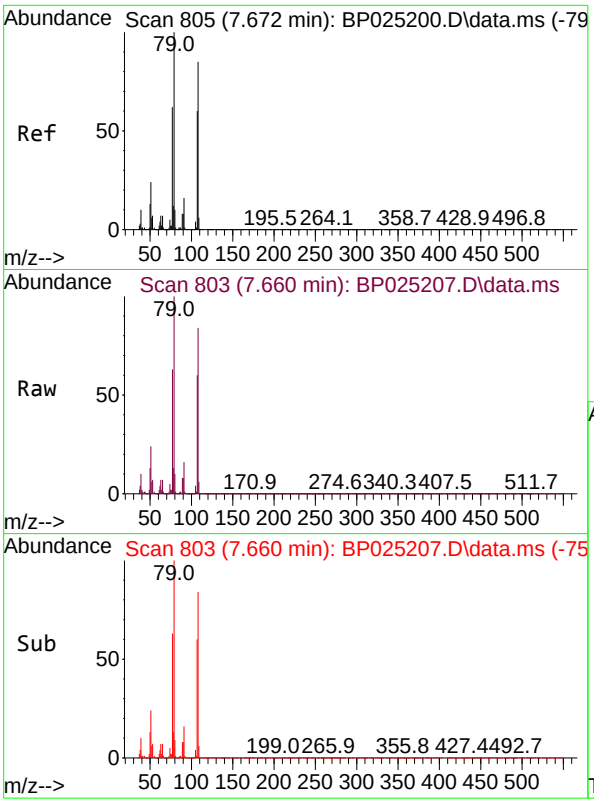


#14
1,2-Dichlorobenzene
Concen: 39.666 ng
RT: 7.766 min Scan# 821
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:146 Resp: 1508118

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.5	77.3
111	39.5	31.3	46.9



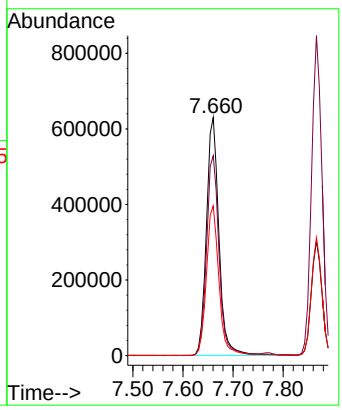


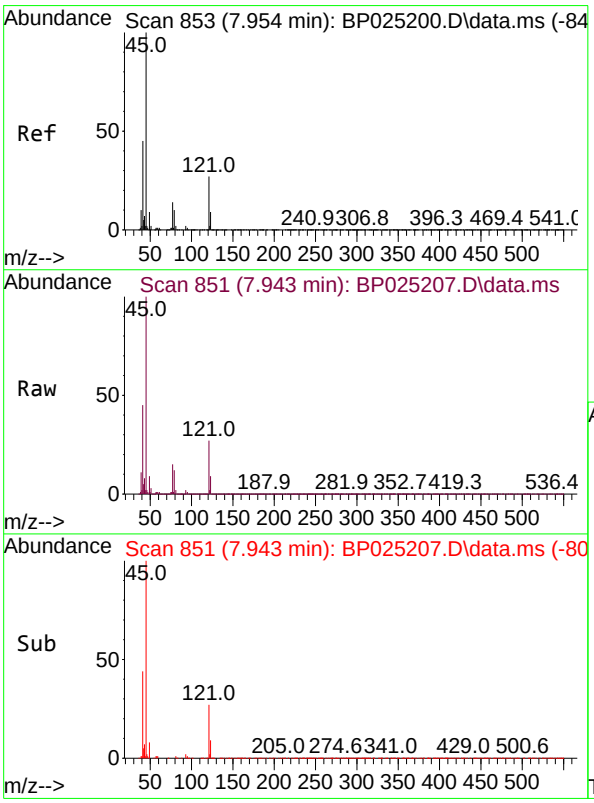
#15
Benzyl Alcohol
Concen: 39.752 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1089822

Ion	Ratio	Lower	Upper
79	100		
108	84.0	67.8	101.6
77	62.9	49.9	74.9

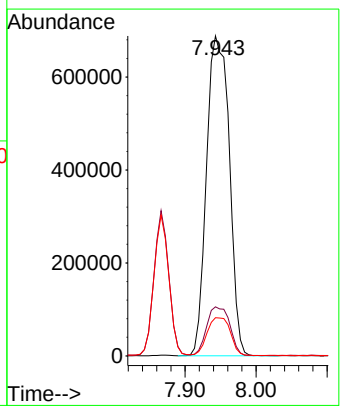


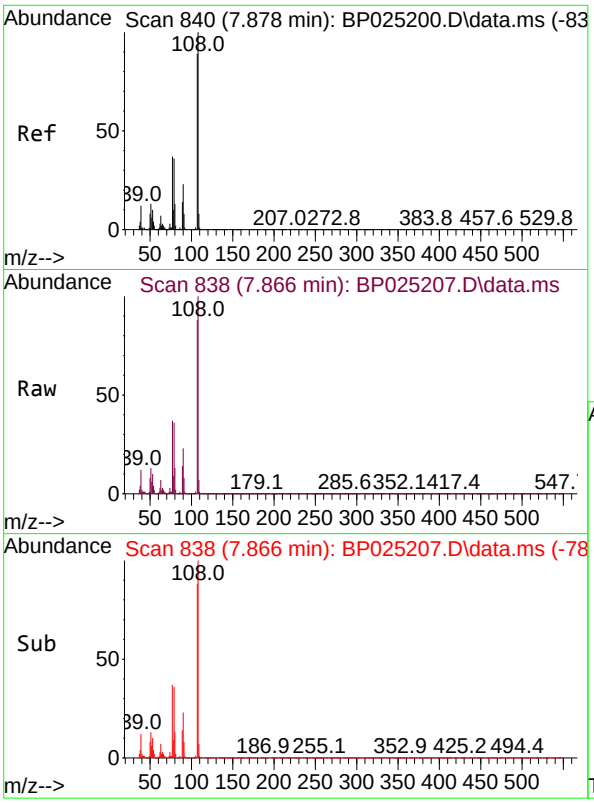


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.623 ng
RT: 7.943 min Scan# 851
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 45 Resp: 1532016

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	36.0
79	11.9	0.0	31.7



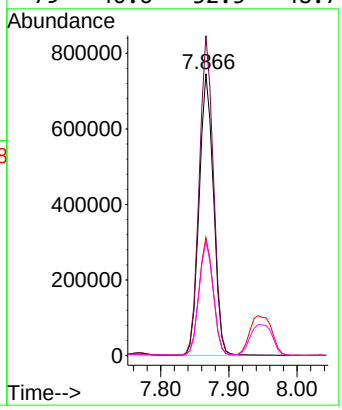


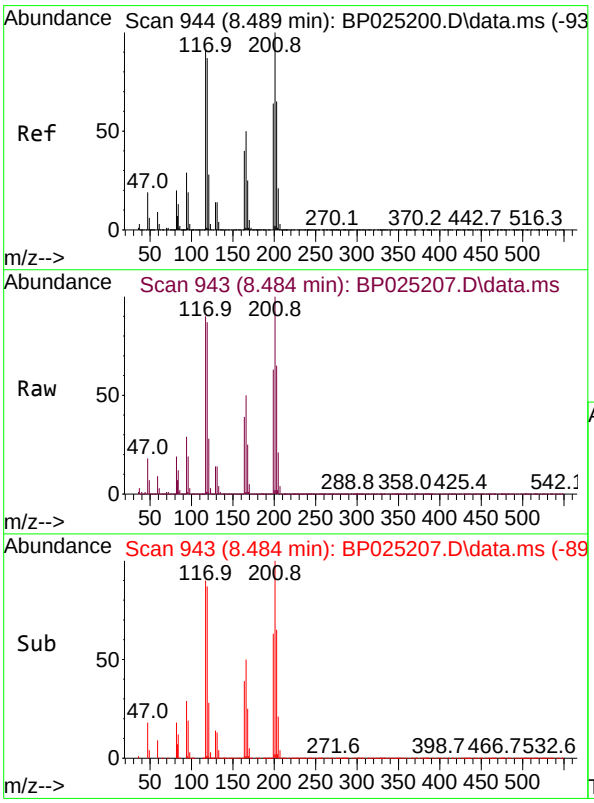
#17
2-Methylphenol
Concen: 39.905 ng
RT: 7.866 min Scan# 8
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 1090452

Ion	Ratio	Lower	Upper
107	100		
108	113.6	89.8	134.8
77	41.9	33.2	49.8
79	40.6	32.5	48.7

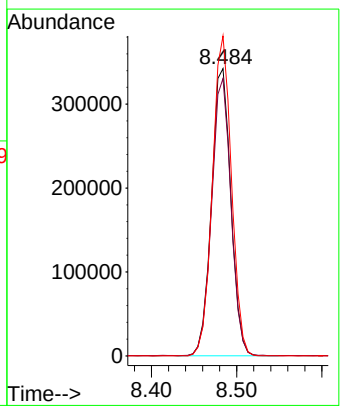


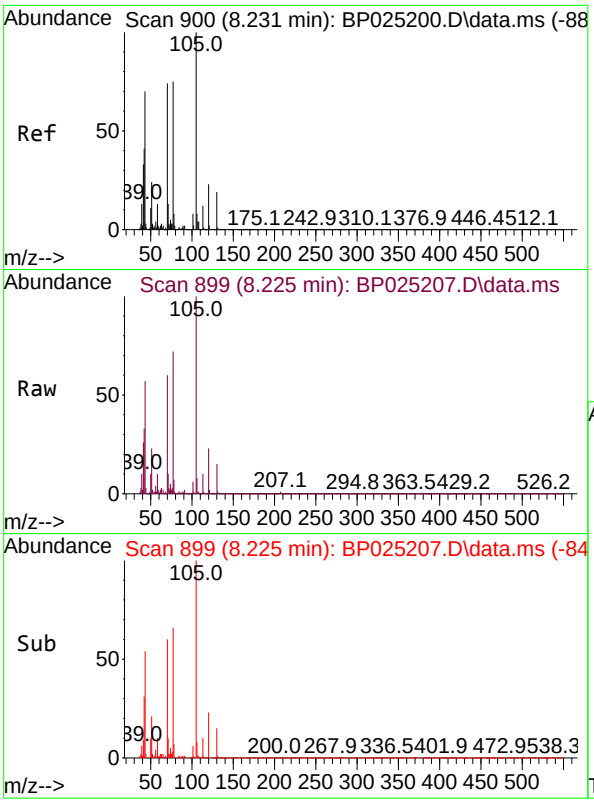


#18
Hexachloroethane
Concen: 39.753 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:117 Resp: 540308

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.6
201	111.4	88.3	132.5



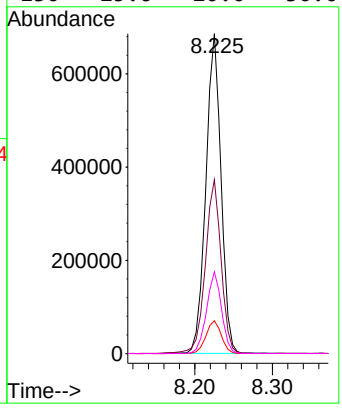


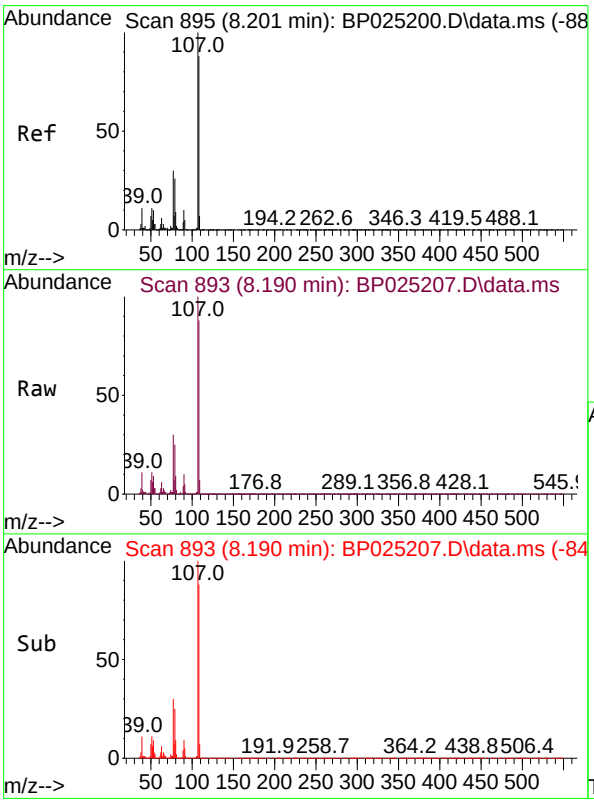
#19
n-Nitroso-di-n-propylamine
Concen: 40.683 ng
RT: 8.225 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 930190

Ion	Ratio	Lower	Upper
70	100		
42	54.4	44.2	66.2
101	10.3	8.6	12.8
130	25.6	20.0	30.0

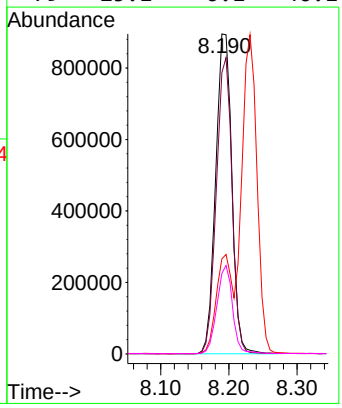


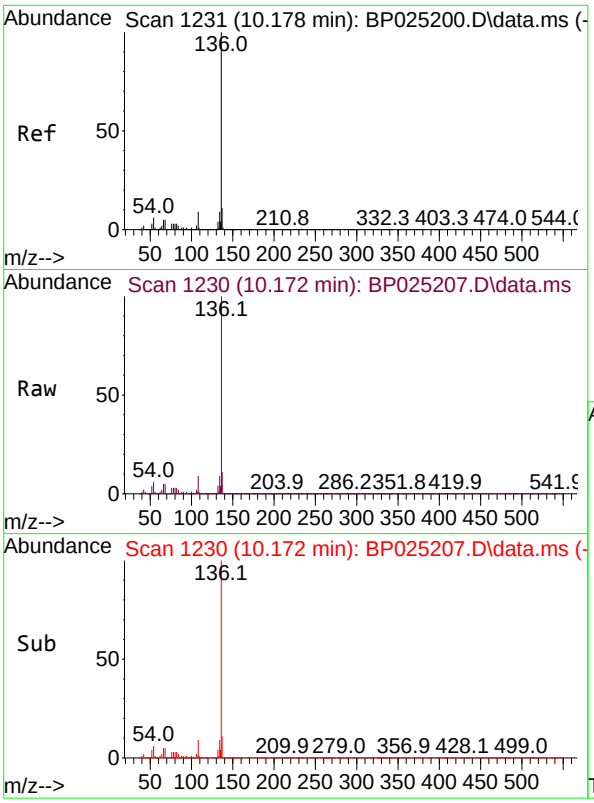


#20
3+4-Methylphenols
Concen: 39.311 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:107 Resp: 1465307

Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.8	107.8
77	29.7	10.3	50.3
79	25.1	6.1	46.1



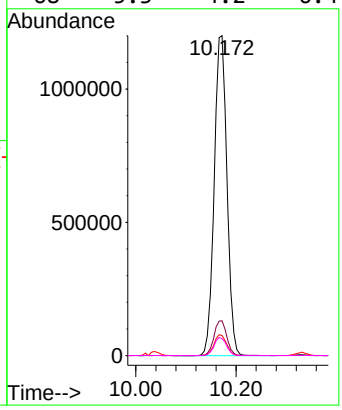


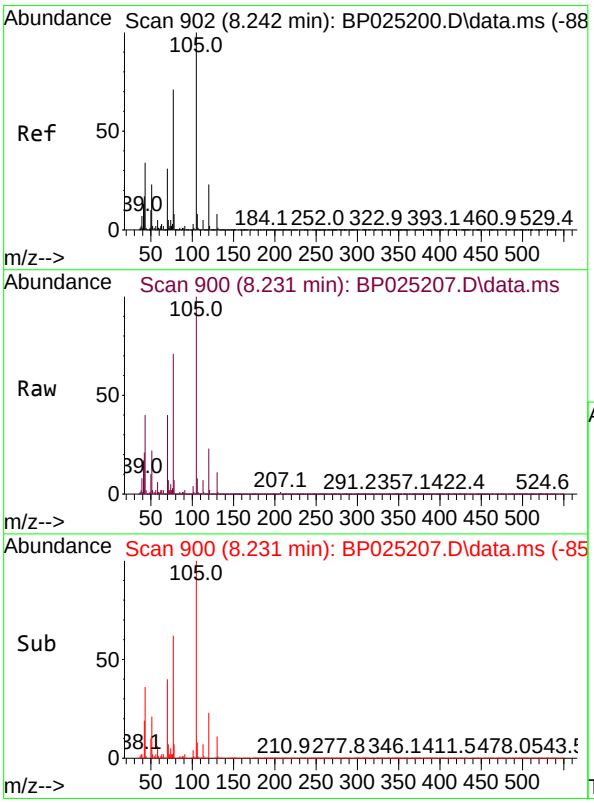
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 2112482

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.3	5.1	7.7
68	5.3	4.2	6.4

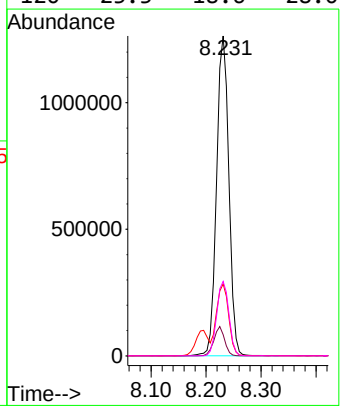


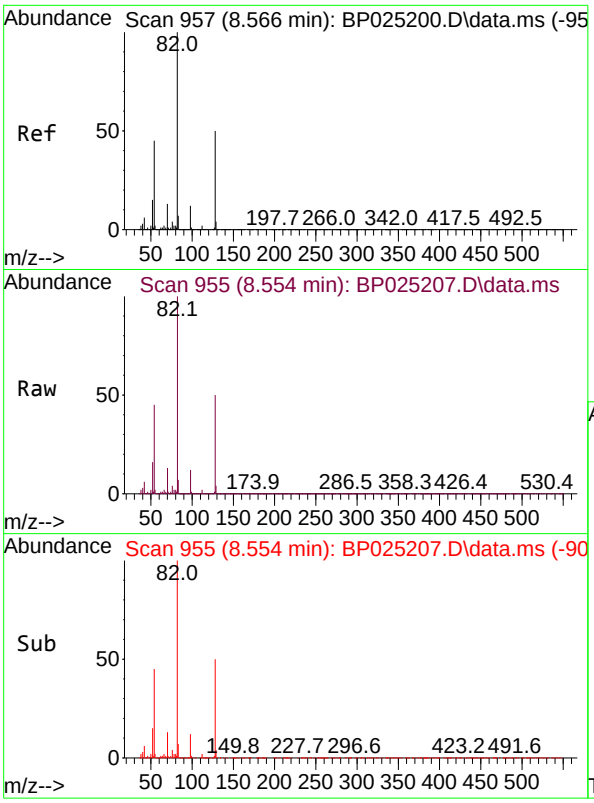


#22
Acetophenone
Concen: 39.812 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:105 Resp: 1957009

Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.1	6.1#
51	22.5	18.5	27.7
120	23.3	18.6	28.0



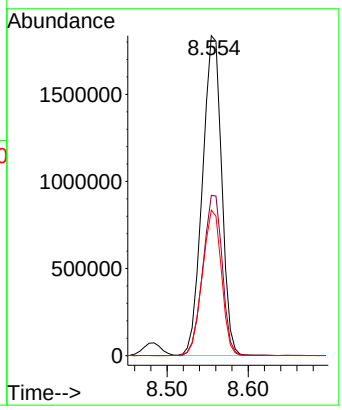


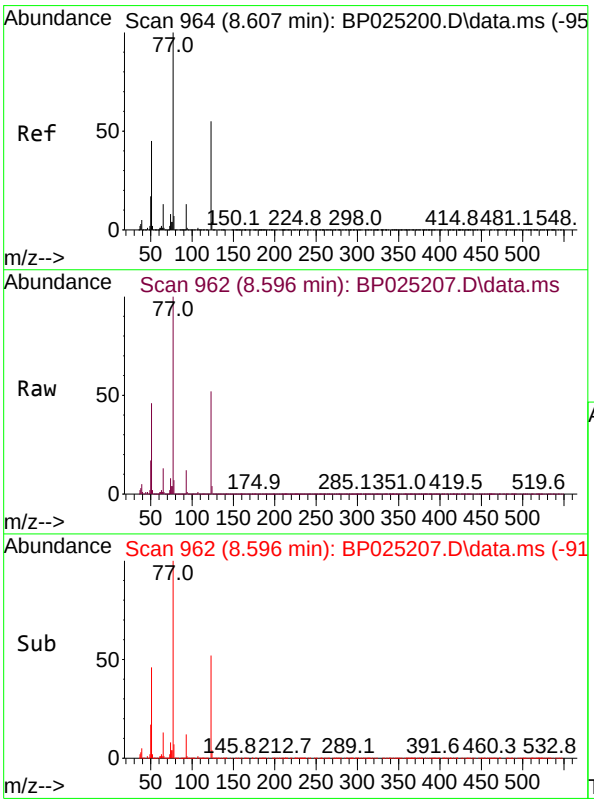
#23
Nitrobenzene-d5
Concen: 79.711 ng
RT: 8.554 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 3030019

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.2	60.4
54	45.5	36.3	54.5

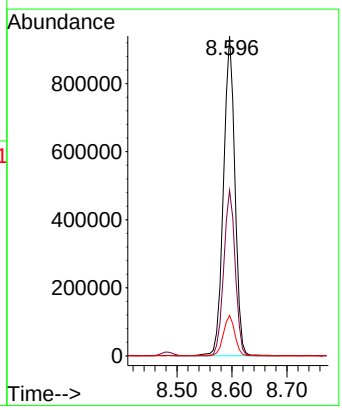


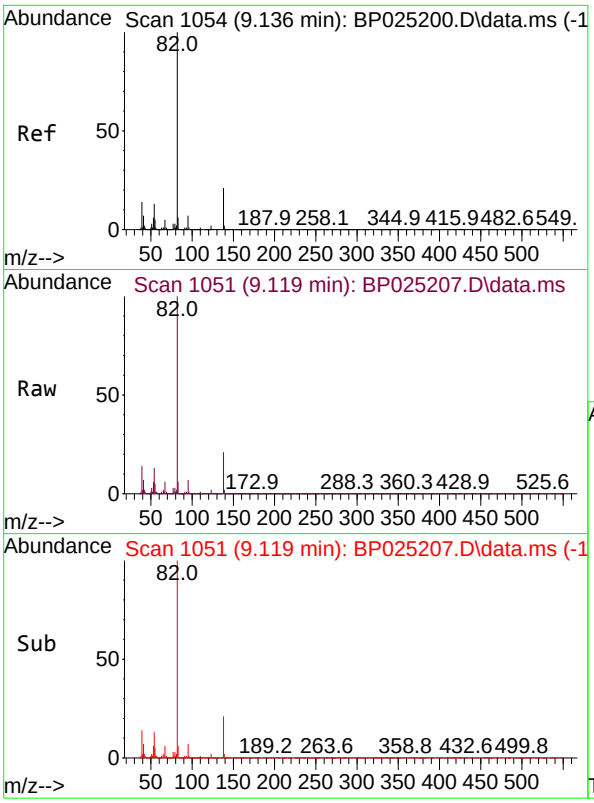


#24
Nitrobenzene
Concen: 39.985 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 77 Resp: 1354910

Ion	Ratio	Lower	Upper
77	100		
123	51.7	43.6	65.4
65	12.7	10.2	15.2



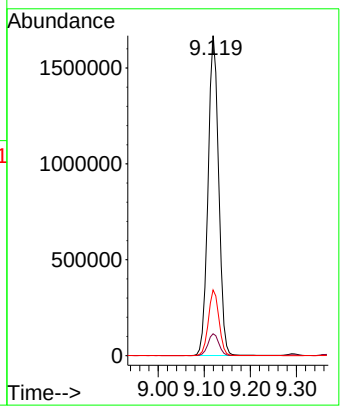


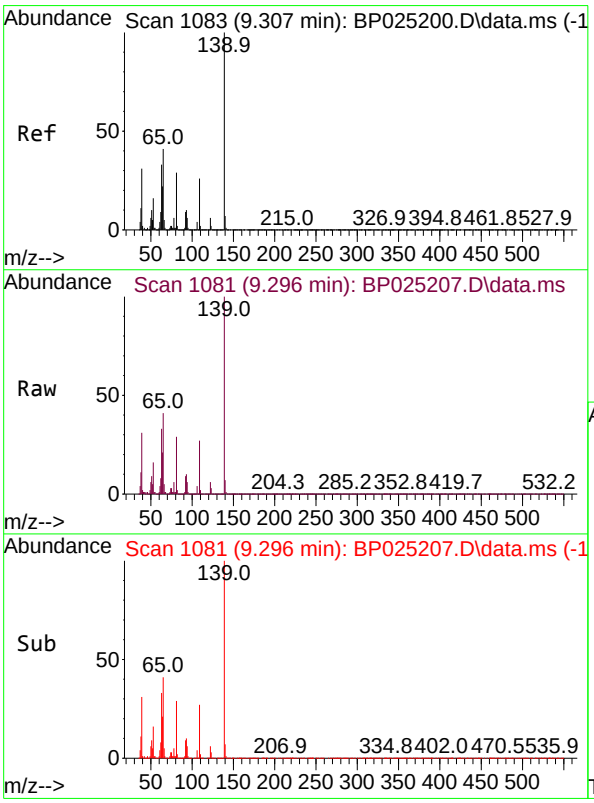
#25
Isophorone
Concen: 39.793 ng
RT: 9.119 min Scan# 10
Delta R.T. -0.017 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2660042

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.6	8.4
138	20.5	16.6	25.0

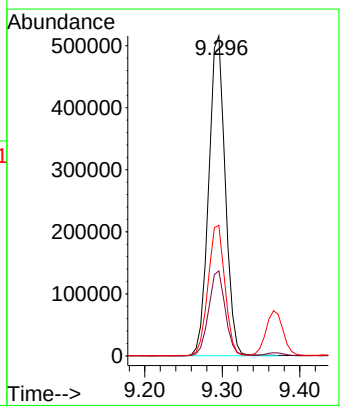


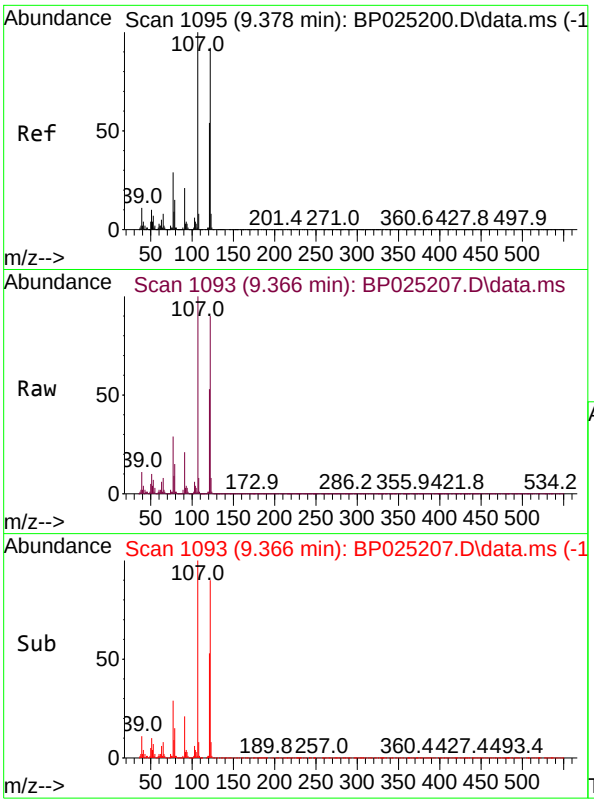


#26
2-Nitrophenol
Concen: 39.295 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:139 Resp: 764629

Ion	Ratio	Lower	Upper
139	100		
109	26.6	21.0	31.6
65	40.8	32.7	49.1



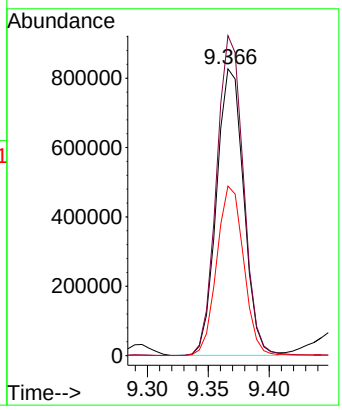


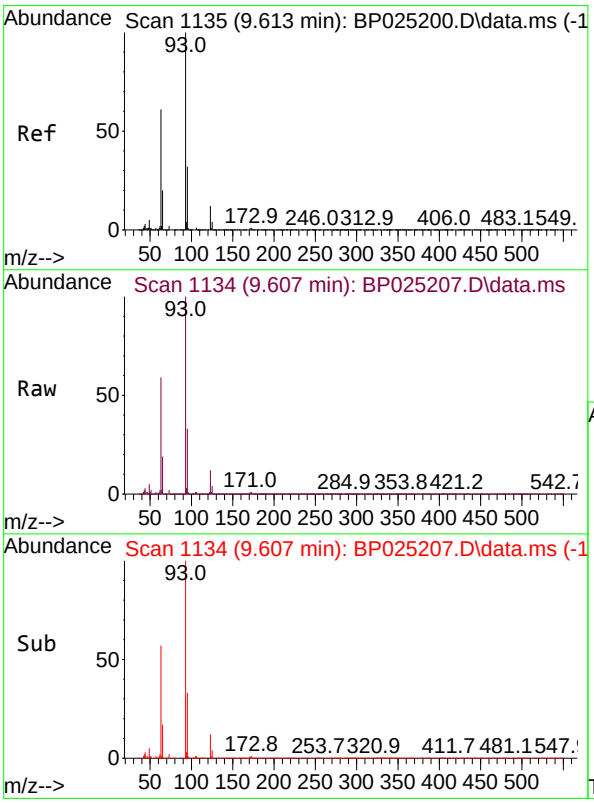
#27
2,4-Dimethylphenol
Concen: 39.514 ng
RT: 9.366 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 1286595

Ion	Ratio	Lower	Upper
122	100		
107	111.6	87.0	130.4
121	59.1	46.7	70.1

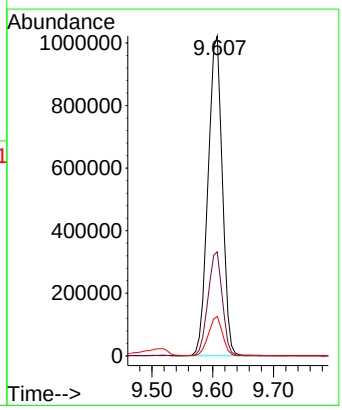


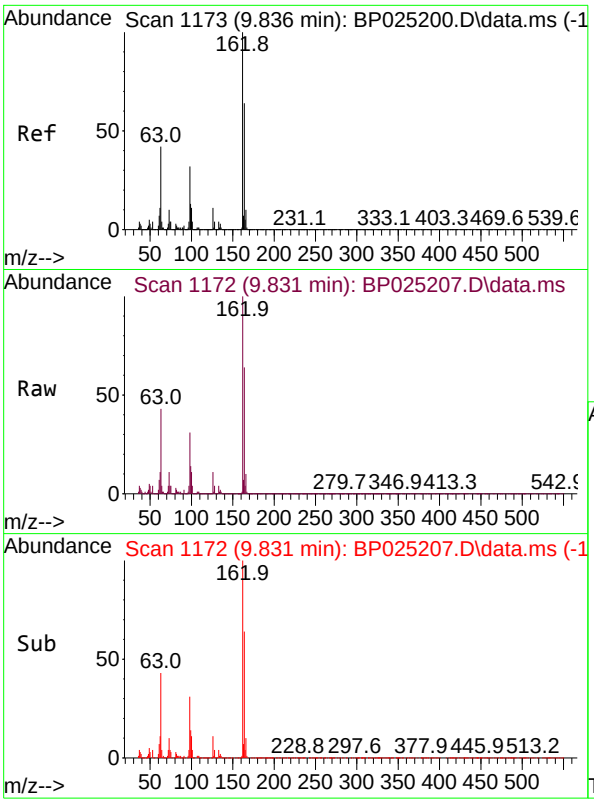


#28
bis(2-Chloroethoxy)methane
Concen: 39.774 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 93 Resp: 1663010

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	12.3	9.8	14.6



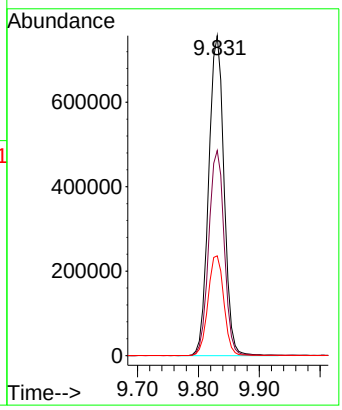


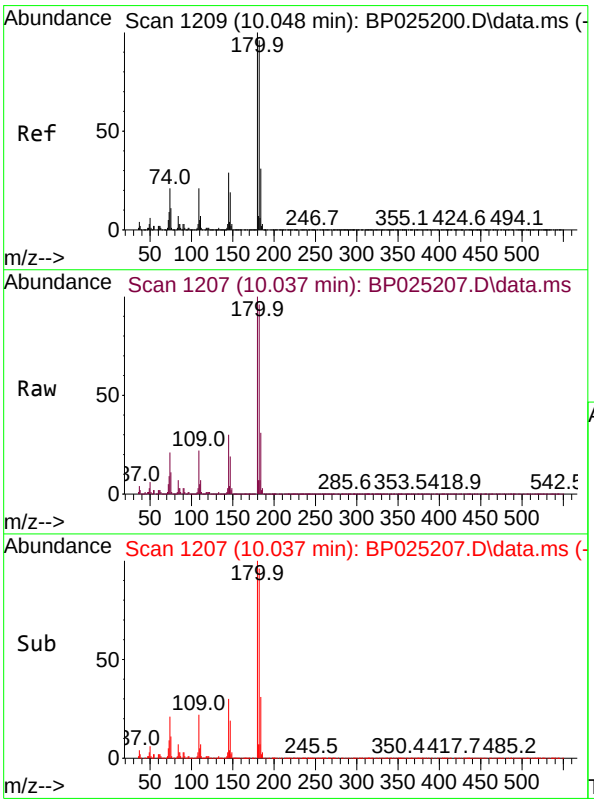
#29
2,4-Dichlorophenol
Concen: 39.617 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1325228

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.2	84.2
98	31.2	11.7	51.7

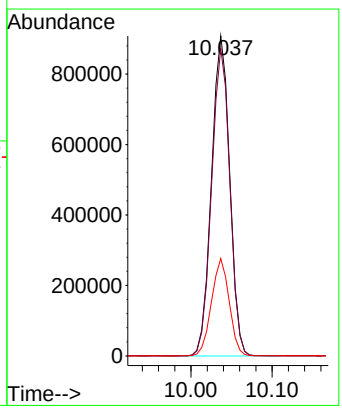


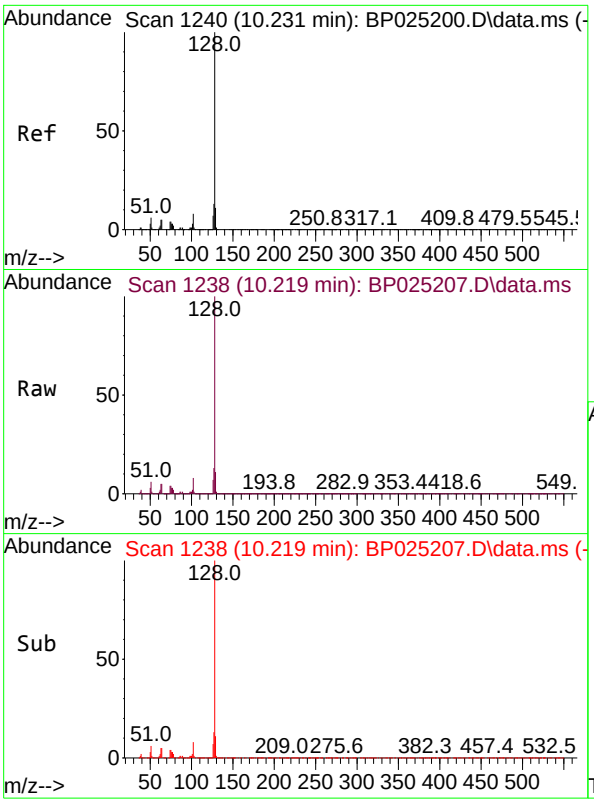


#30
1,2,4-Trichlorobenzene
Concen: 38.753 ng
RT: 10.037 min Scan# 1207
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:180 Resp: 1415875

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
145	30.4	23.5	35.3



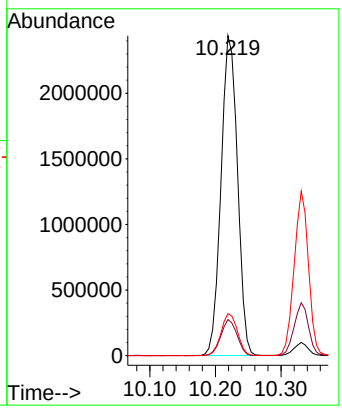


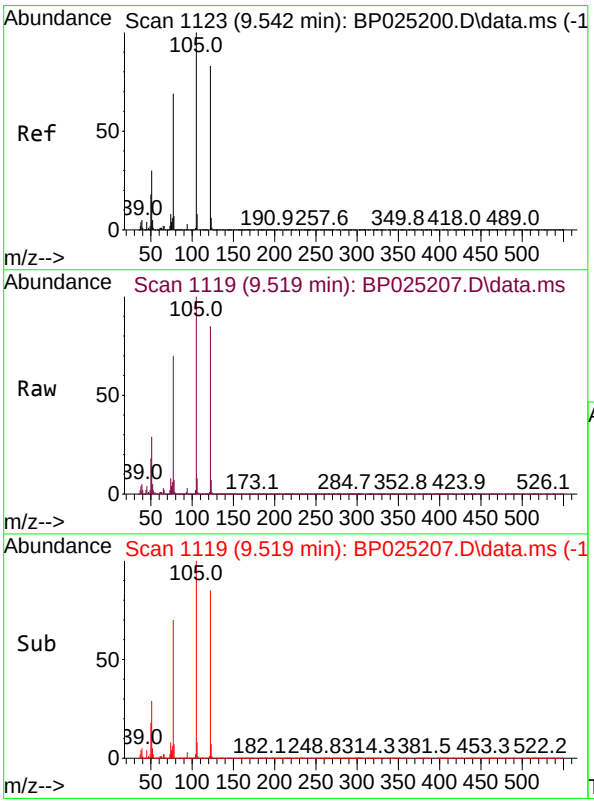
#31
Naphthalene
Concen: 39.531 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 4273231

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.1	10.4	15.6

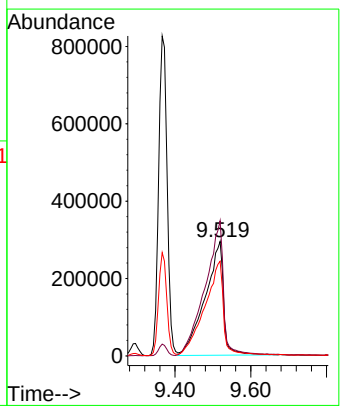


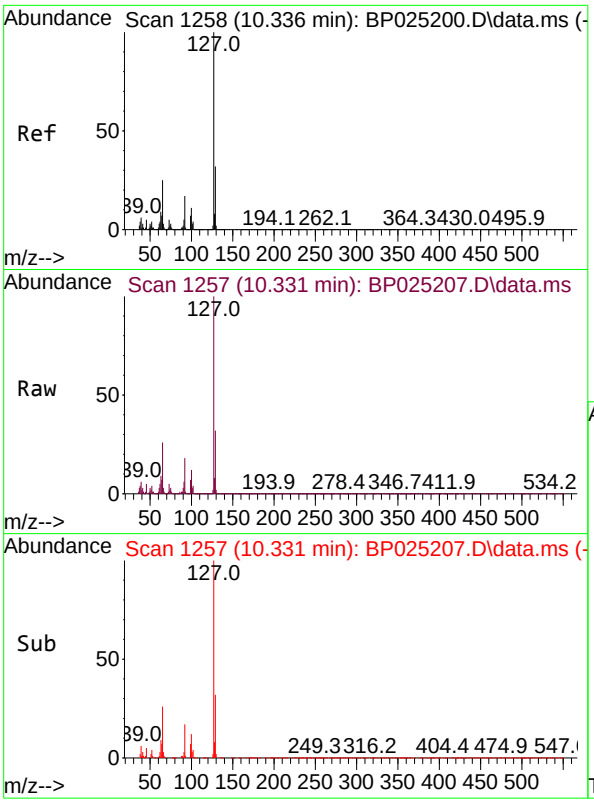


#32
Benzoic acid
Concen: 40.117 ng
RT: 9.519 min Scan# 1119
Delta R.T. -0.023 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:122 Resp: 997204

Ion	Ratio	Lower	Upper
122	100		
105	118.0	98.1	138.1
77	82.7	62.7	102.7



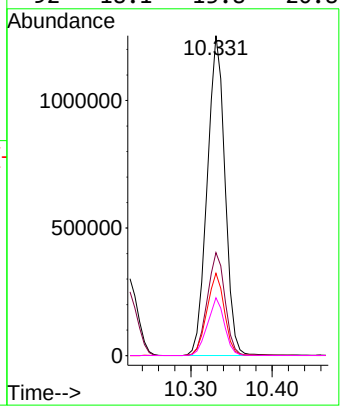


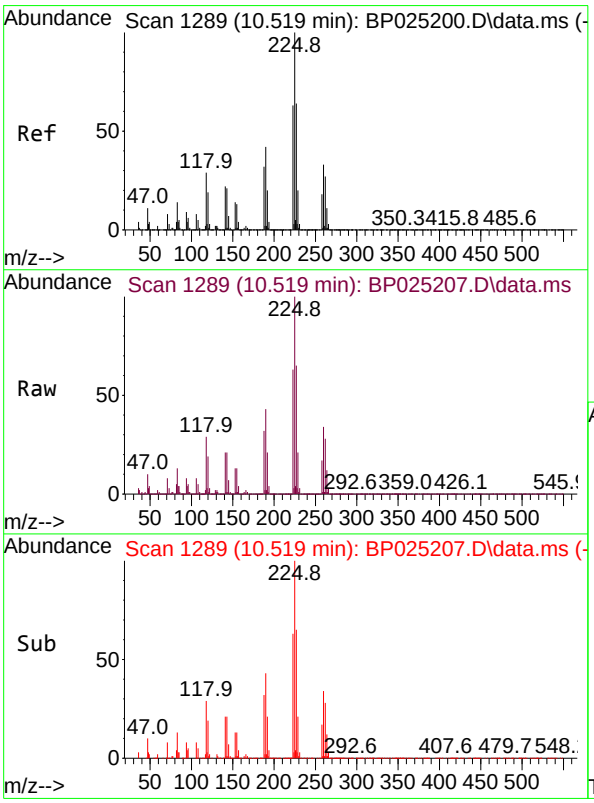
#33
4-Chloroaniline
Concen: 40.076 ng
RT: 10.331 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1904319

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	25.7	20.2	30.4
92	18.1	13.8	20.8

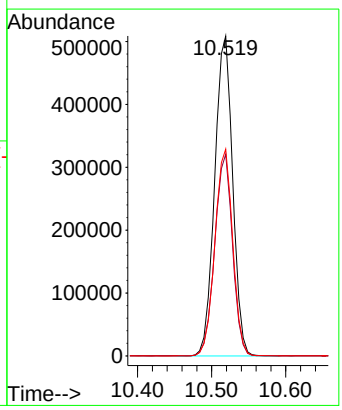


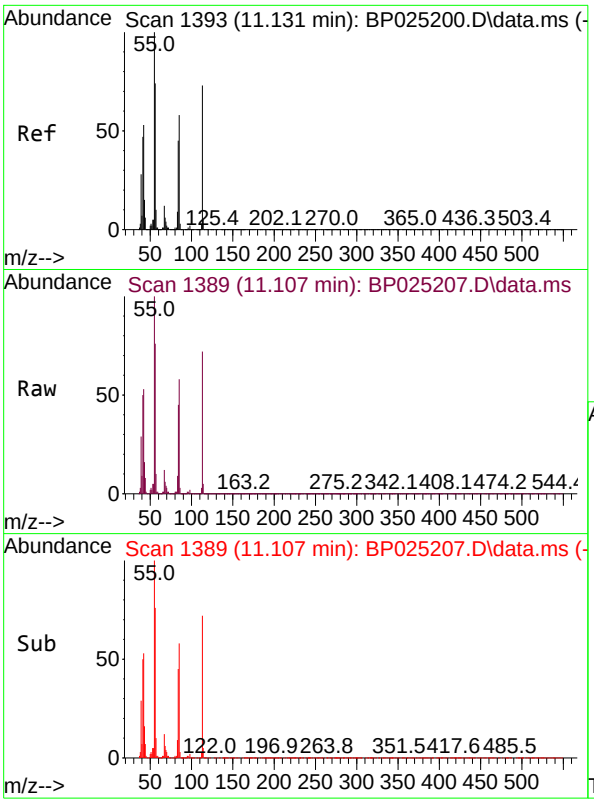


#34
Hexachlorobutadiene
Concen: 38.875 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:225 Resp: 854879

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	64.6	51.4	77.0



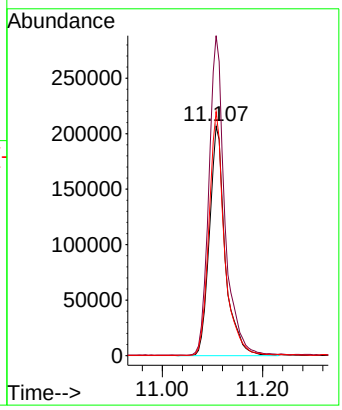


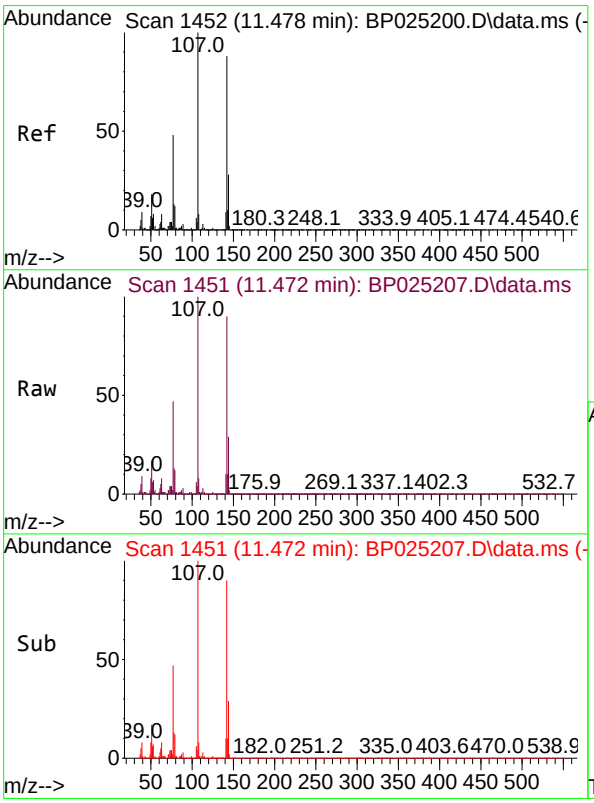
#35
Caprolactam
Concen: 40.364 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 448126

Ion	Ratio	Lower	Upper
113	100		
55	139.5	117.6	157.6
56	106.4	82.4	122.4

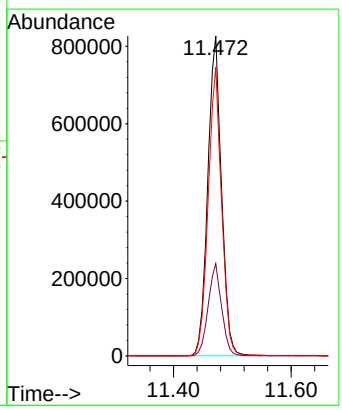


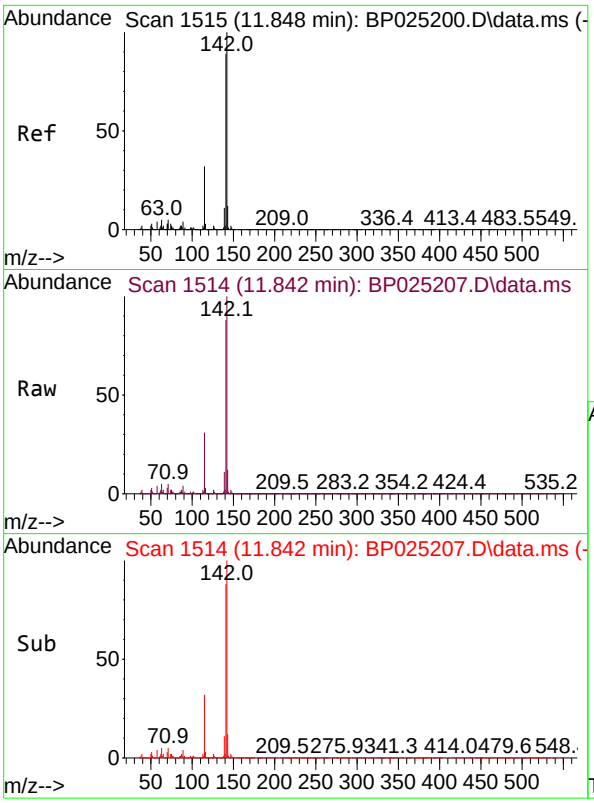


#36
4-Chloro-3-methylphenol
Concen: 39.976 ng
RT: 11.472 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:107 Resp: 1336748

Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.5	33.7
142	90.3	70.6	105.8



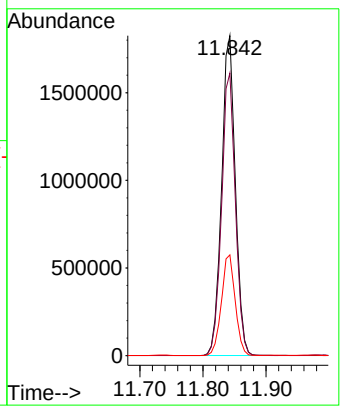


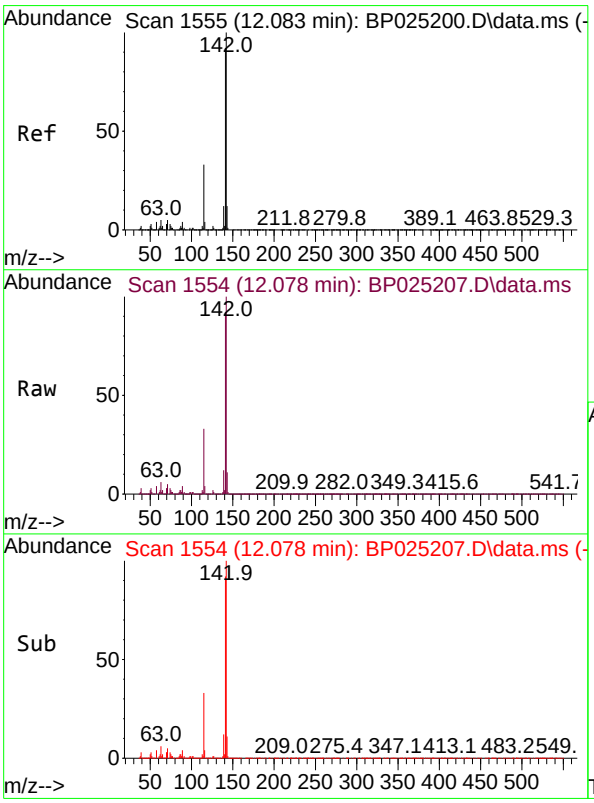
#37
2-Methylnaphthalene
Concen: 39.242 ng
RT: 11.842 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2754497

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8
115	31.5	25.3	37.9

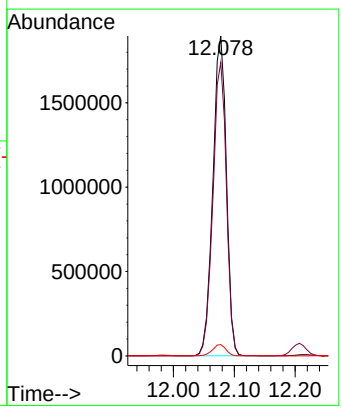


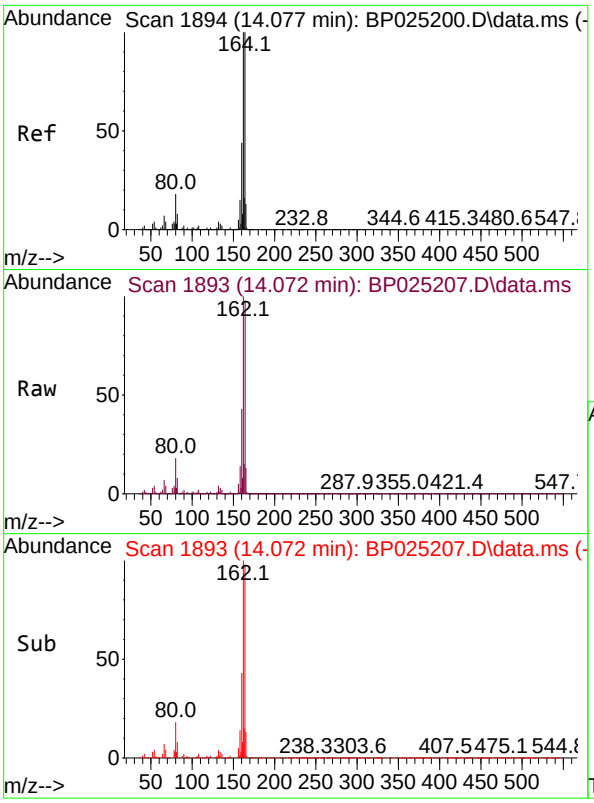


#38
1-Methylnaphthalene
Concen: 39.661 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:142 Resp: 2924334

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
116	3.5	2.8	4.2



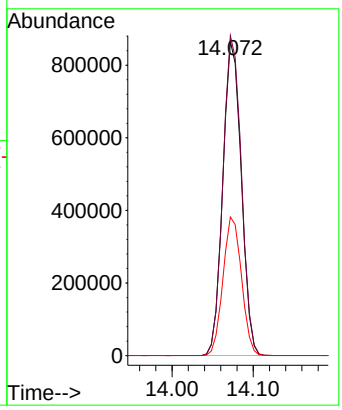


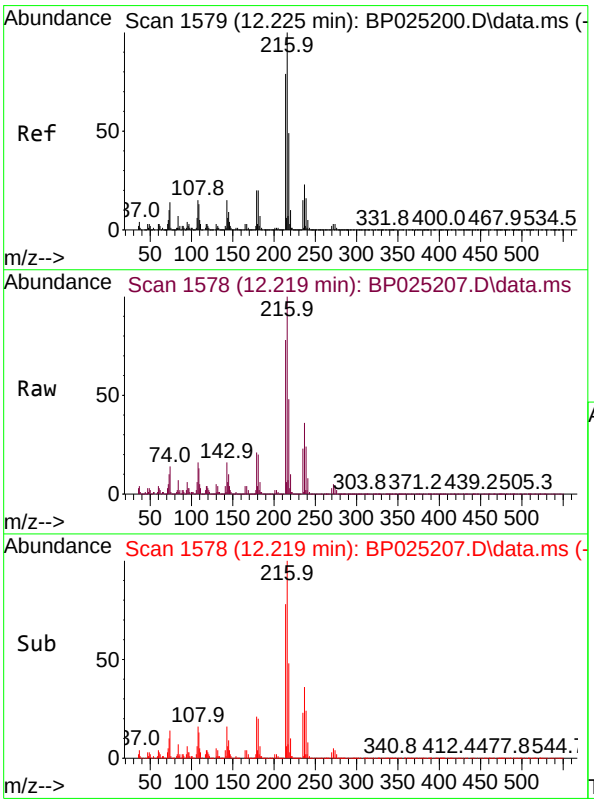
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1361964

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.3	120.5
160	44.1	35.7	53.5

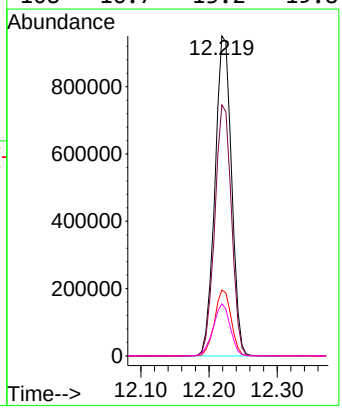


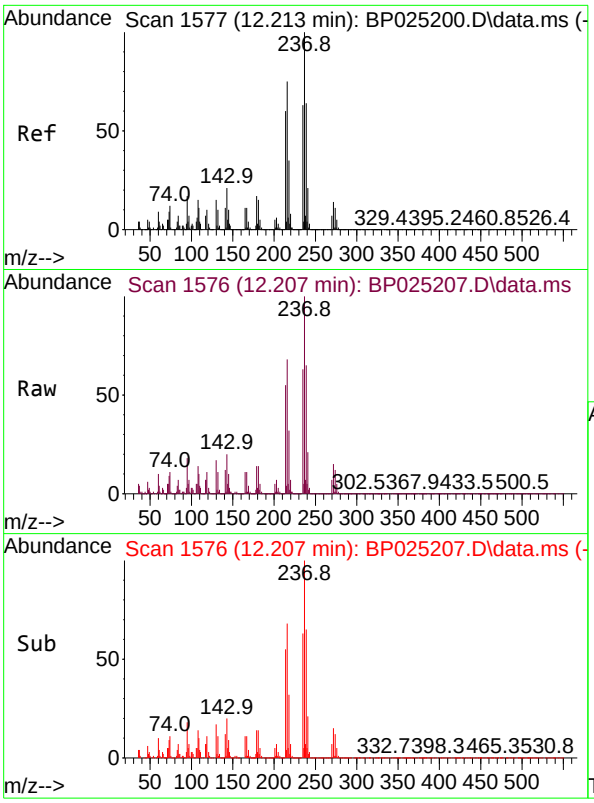


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.221 ng
RT: 12.219 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:216 Resp: 1601181

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.7	94.1
179	20.4	16.2	24.4
108	16.7	13.2	19.8



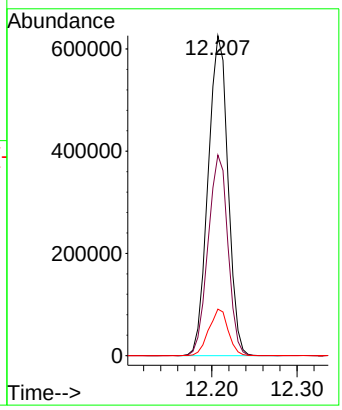


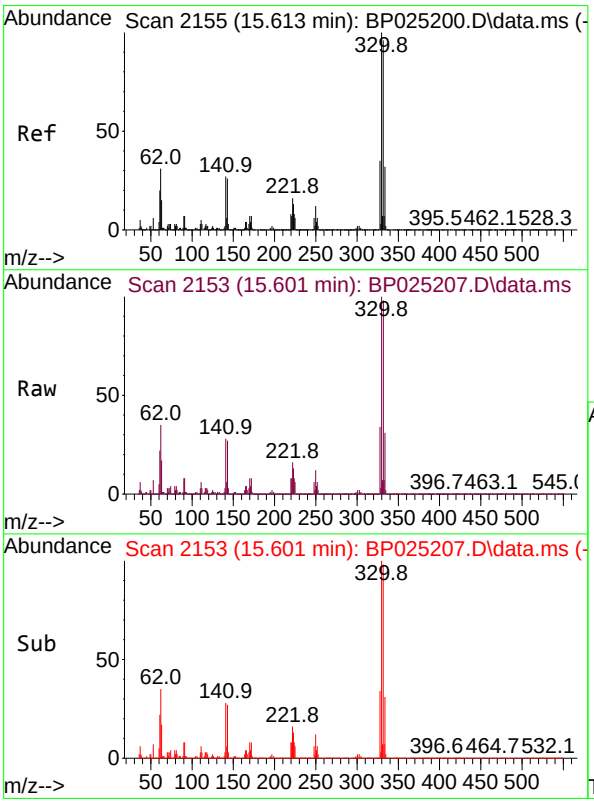
#41
Hexachlorocyclopentadiene
Concen: 41.625 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 1014403

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	14.5	0.0	33.6

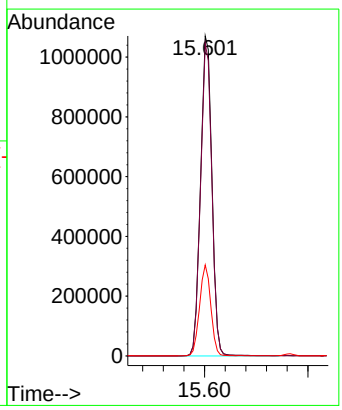


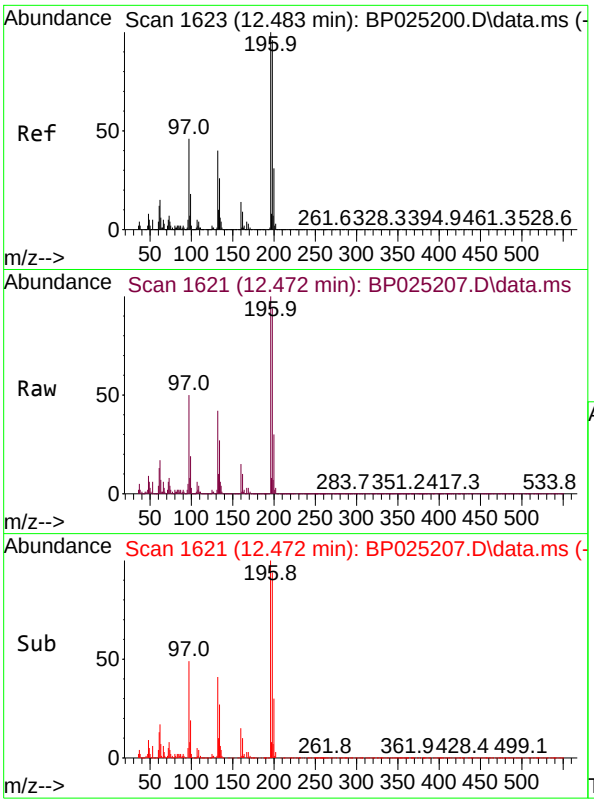


#42
2,4,6-Tribromophenol
Concen: 81.144 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:330 Resp: 1629244

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	28.0	22.4	33.6



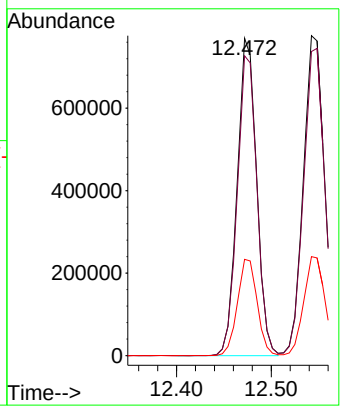


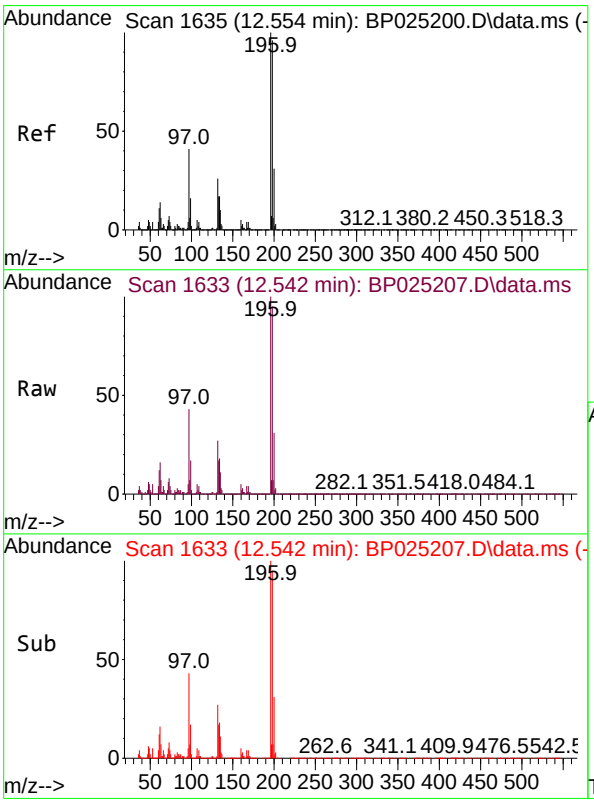
#43
2,4,6-Trichlorophenol
Concen: 39.303 ng
RT: 12.472 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 1096323

Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.6	114.8
200	30.3	24.7	37.1

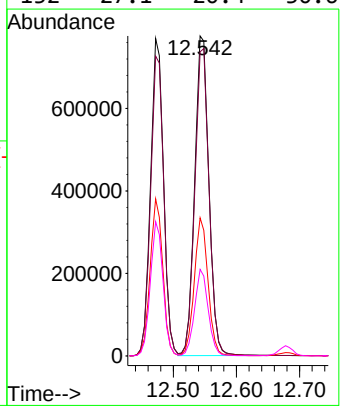


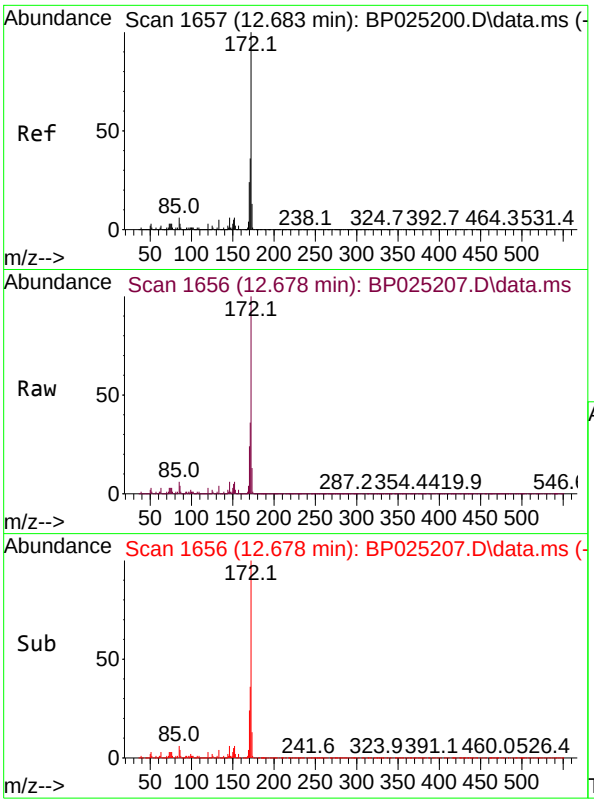


#44
2,4,5-Trichlorophenol
Concen: 39.566 ng
RT: 12.542 min Scan# 1633
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:196 Resp: 1214535

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.7	115.1
97	43.1	33.0	49.4
132	27.1	20.4	30.6



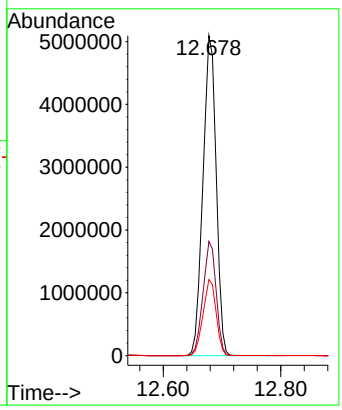


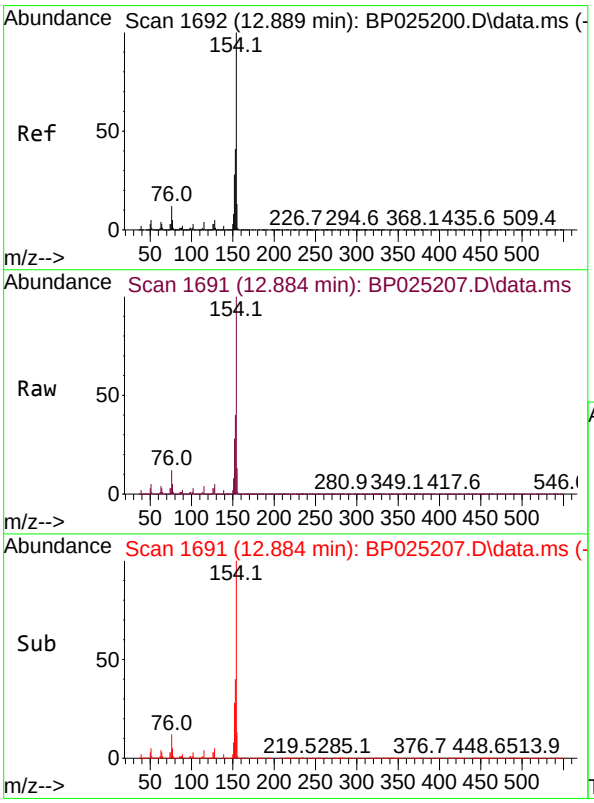
#45
2-Fluorobiphenyl
Concen: 82.491 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 7969114

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.8	19.2	28.8

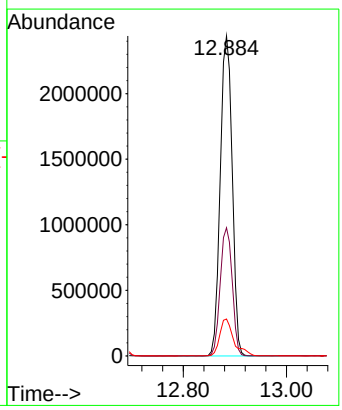


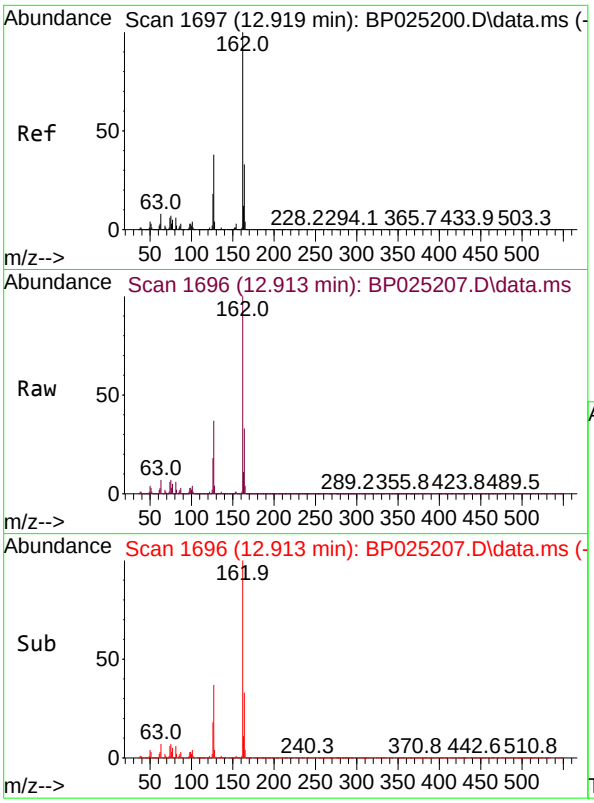


#46
1,1'-Biphenyl
Concen: 40.011 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:154 Resp: 3950355

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.8	60.8
76	11.5	0.0	31.6



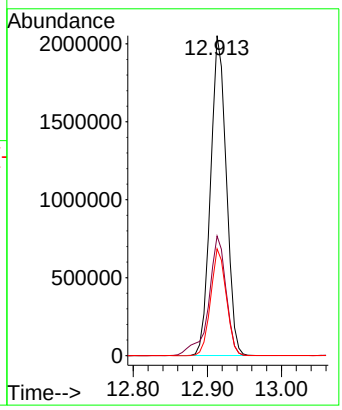


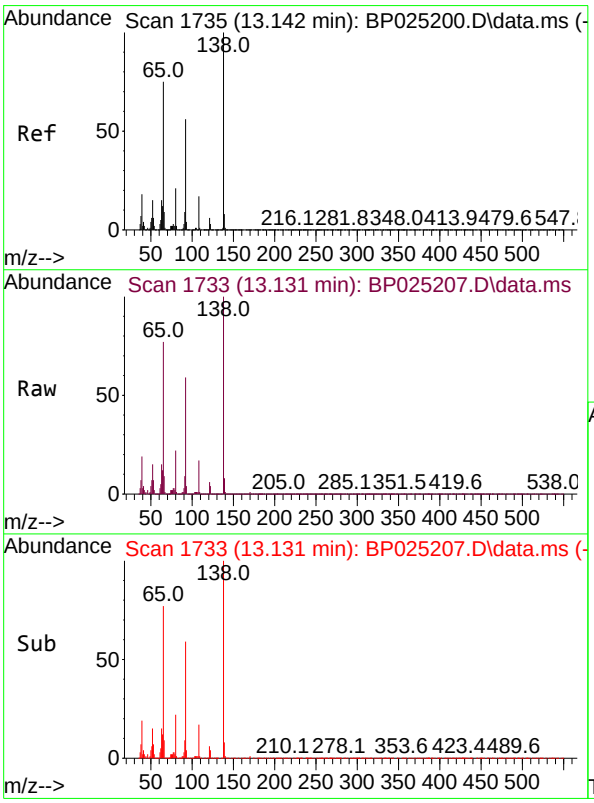
#47
2-Chloronaphthalene
Concen: 39.272 ng
RT: 12.913 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 3027199

Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.1	45.1
164	33.4	26.5	39.7

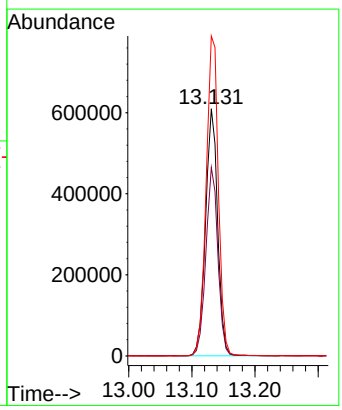


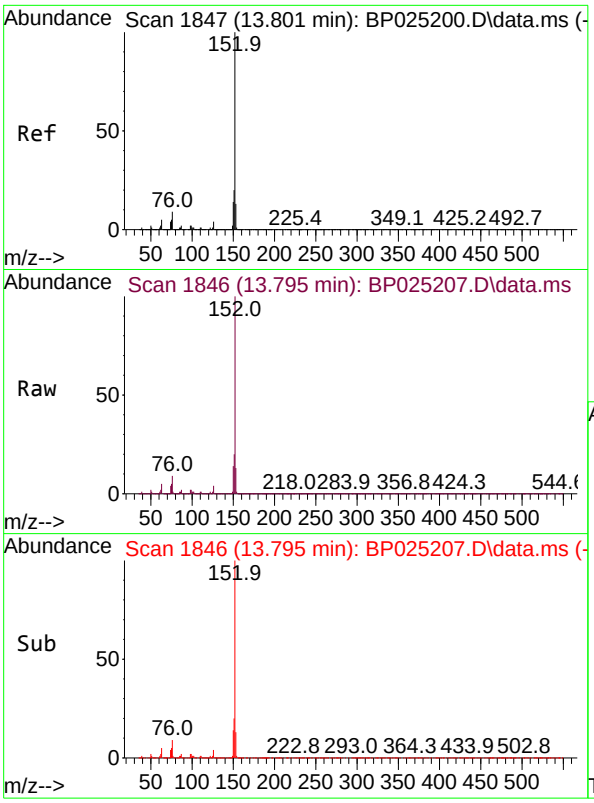


#48
2-Nitroaniline
Concen: 41.124 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 65 Resp: 809532

Ion	Ratio	Lower	Upper
65	100		
92	76.2	59.9	89.9
138	129.5	107.1	160.7



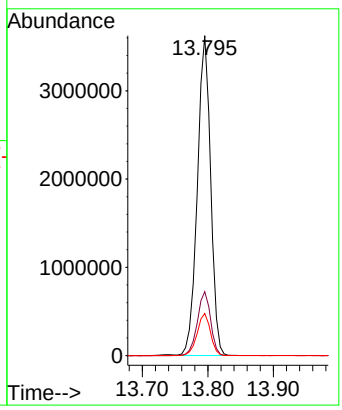


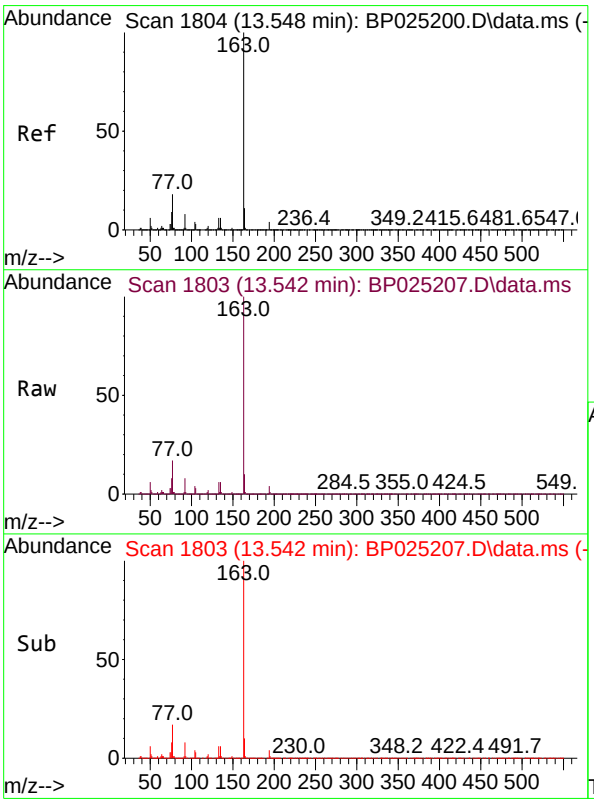
#49
Acenaphthylene
Concen: 40.605 ng
RT: 13.795 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 5062462

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.2	10.6	15.8

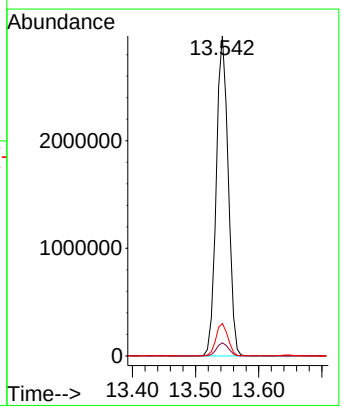


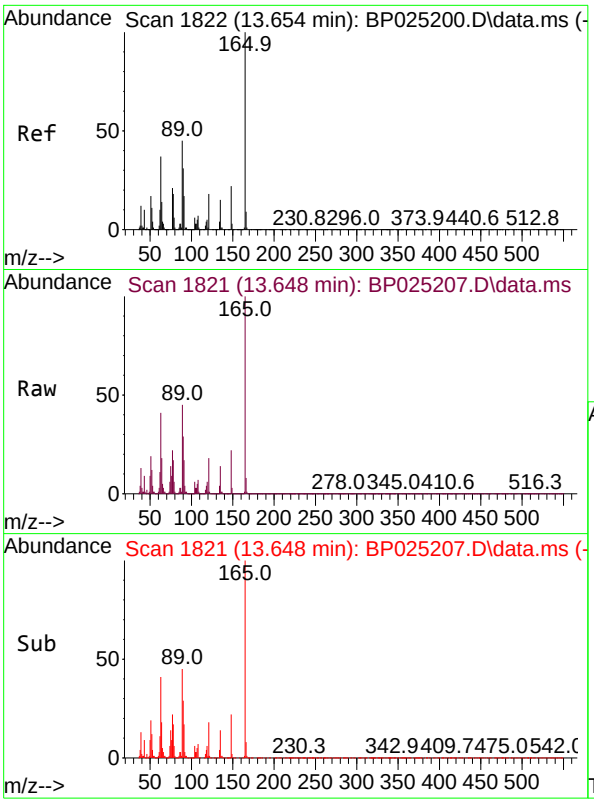


#50
Dimethylphthalate
Concen: 40.135 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:163 Resp: 3909321

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.5	12.7



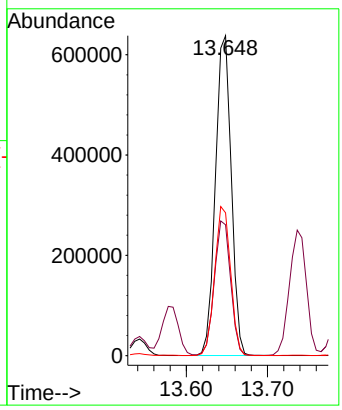


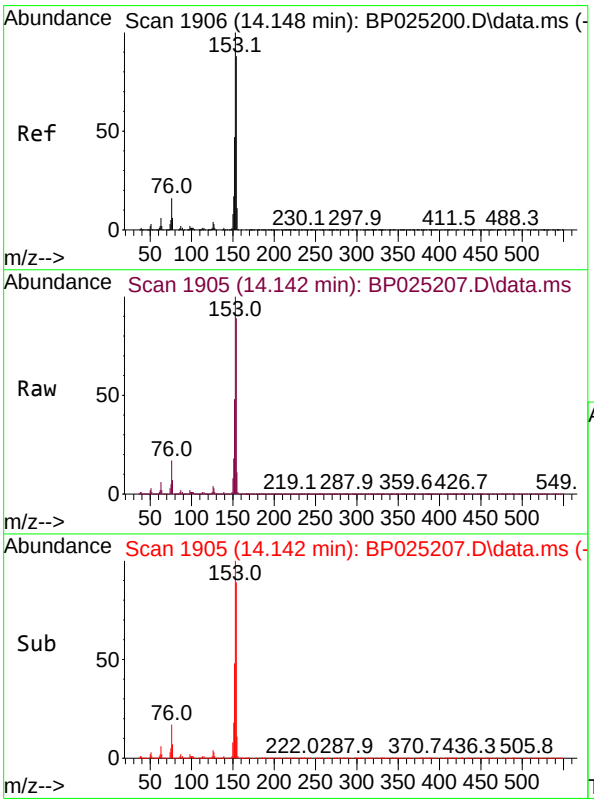
#51
2,6-Dinitrotoluene
Concen: 40.744 ng
RT: 13.648 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 862324

Ion	Ratio	Lower	Upper
165	100		
63	40.9	33.4	50.2
89	44.6	36.3	54.5

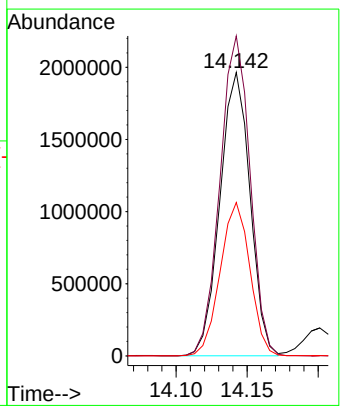


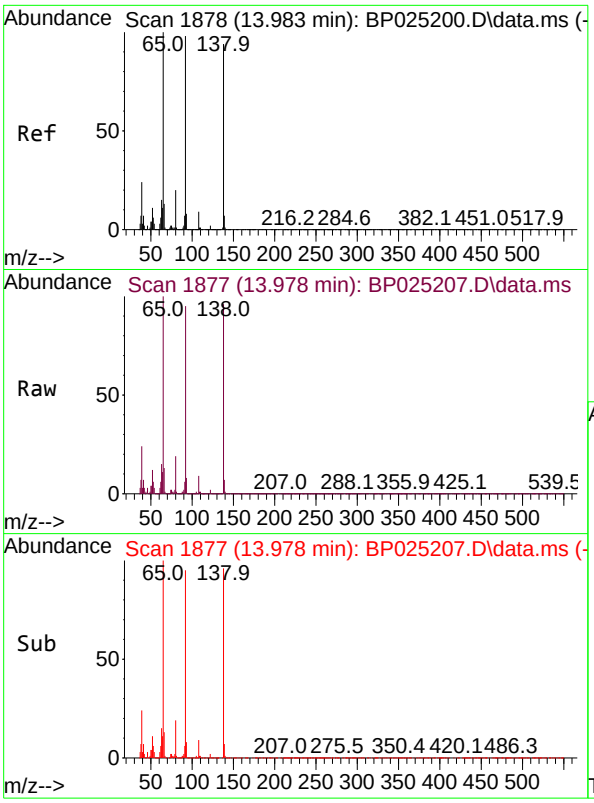


#52
Acenaphthene
Concen: 40.205 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:154 Resp: 2898523

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.7	136.1
152	54.1	42.9	64.3



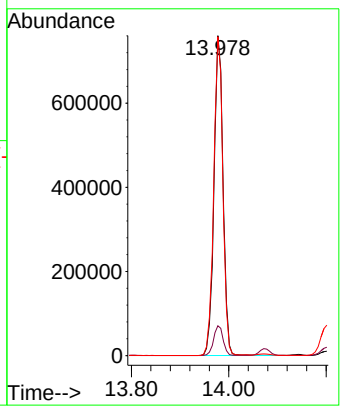


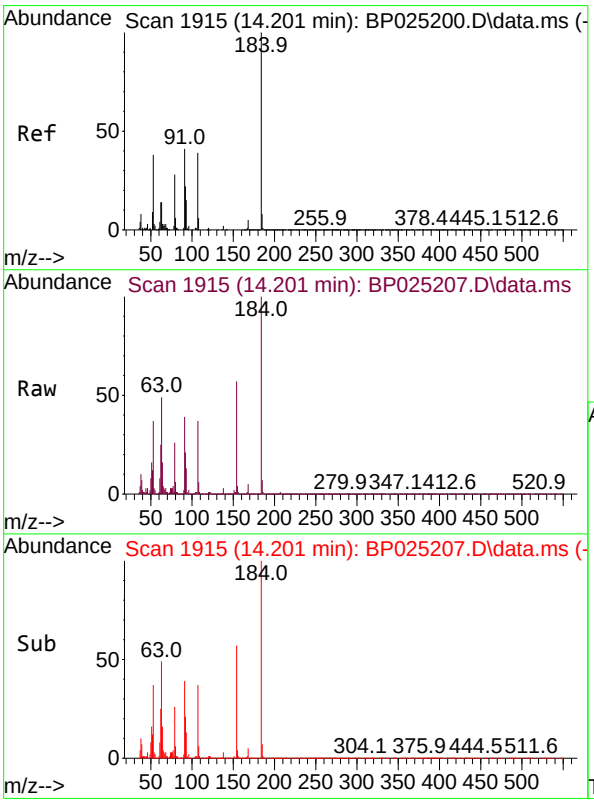
#53
3-Nitroaniline
Concen: 41.192 ng
RT: 13.978 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 983105

Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.5	11.3
92	99.7	83.2	124.8

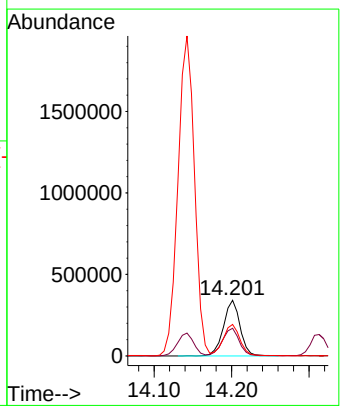


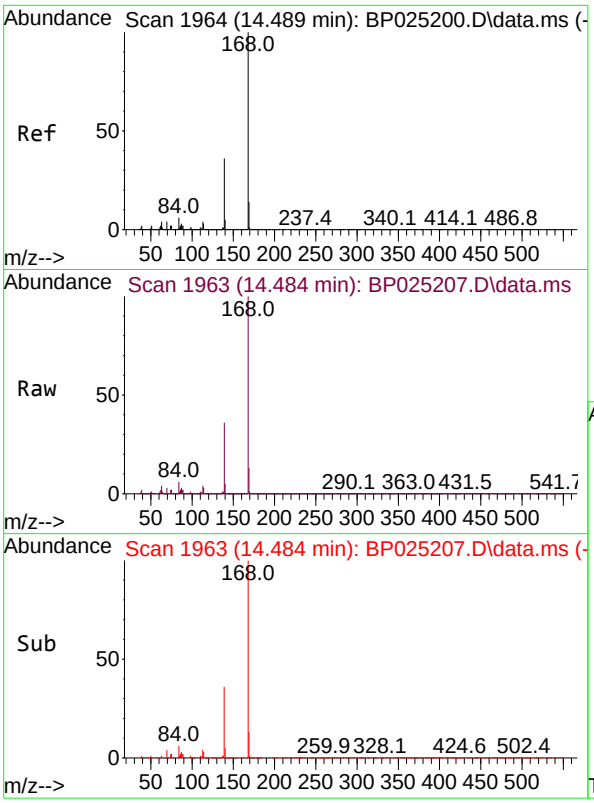


#54
2,4-Dinitrophenol
Concen: 40.443 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:184 Resp: 507149

Ion	Ratio	Lower	Upper
184	100		
63	49.5	41.8	62.8
154	56.6	45.7	68.5



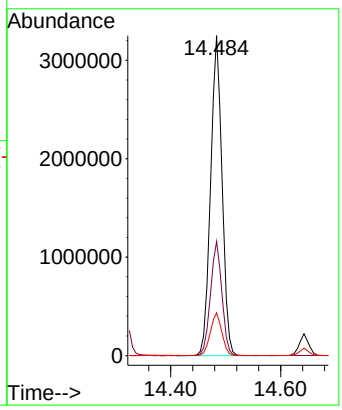


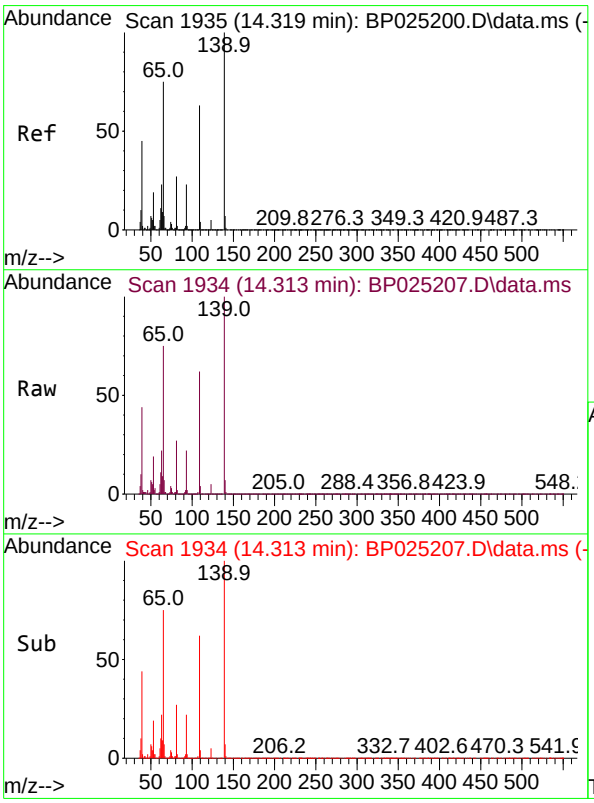
#55
Dibenzofuran
Concen: 40.254 ng
RT: 14.484 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 4687689

Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.7	43.1
169	13.4	10.9	16.3

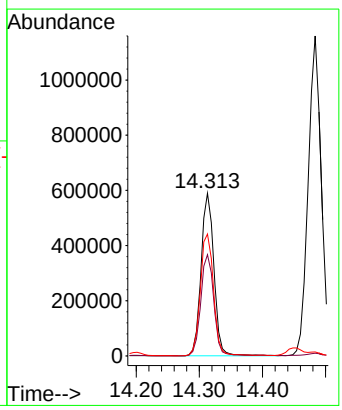


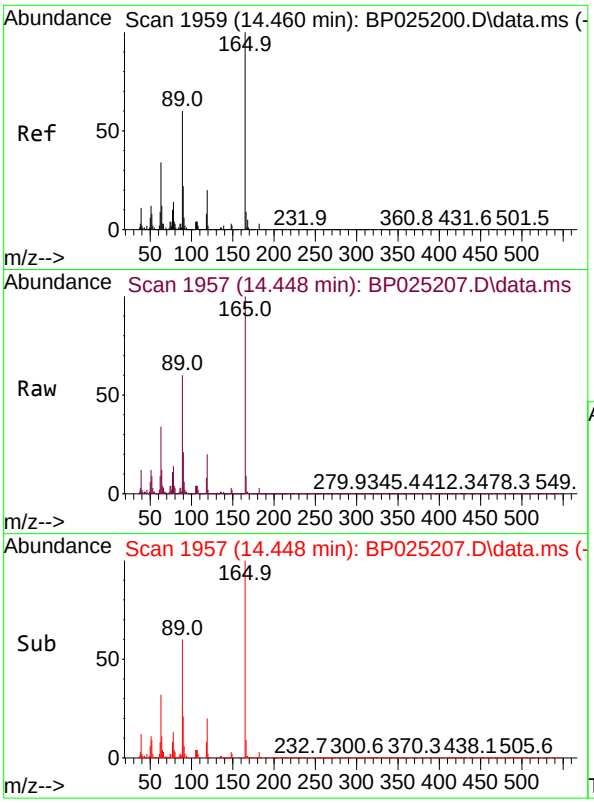


#56
4-Nitrophenol
Concen: 40.917 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:139 Resp: 835643

Ion	Ratio	Lower	Upper
139	100		
109	62.3	42.6	82.6
65	74.9	55.4	95.4



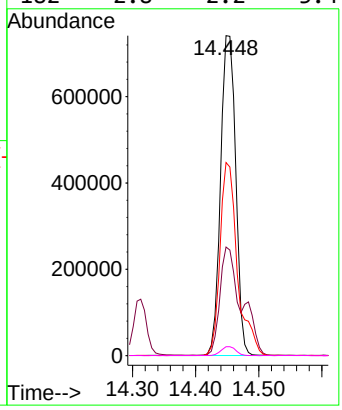


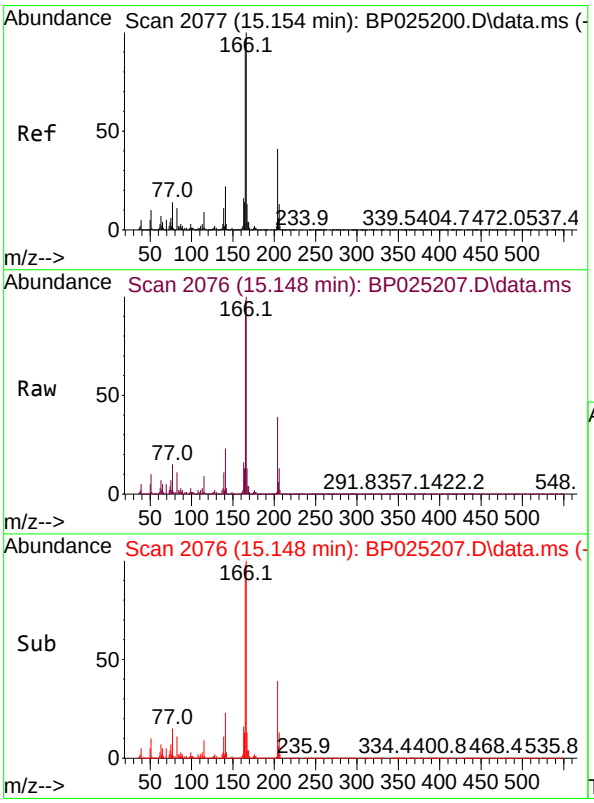
#57
2,4-Dinitrotoluene
Concen: 41.660 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 1234188

Ion	Ratio	Lower	Upper
165	100		
63	33.9	27.0	40.4
89	60.3	47.8	71.6
182	2.8	2.2	3.4

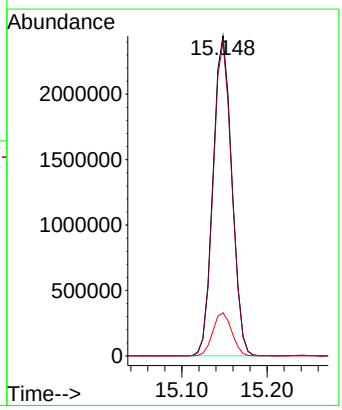


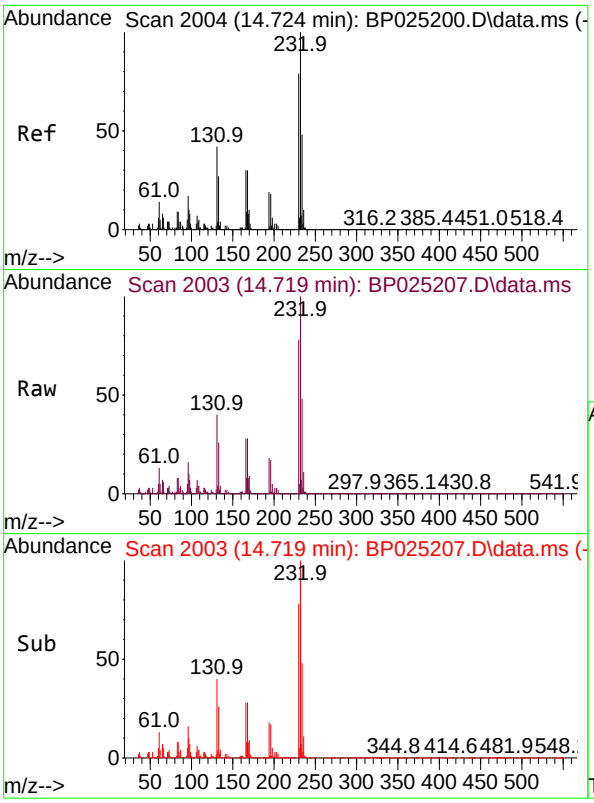


#58
Fluorene
Concen: 40.569 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:166 Resp: 3750723

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.0	117.0
167	13.5	10.7	16.1



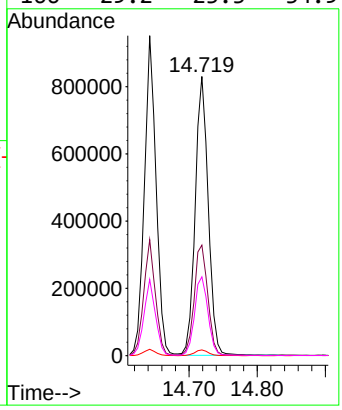


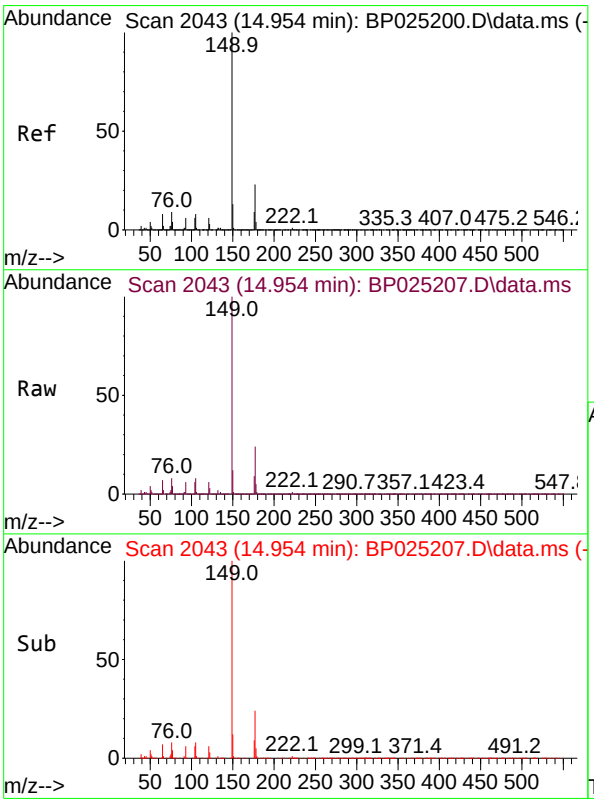
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.628 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 1103688

Ion	Ratio	Lower	Upper
232	100		
131	41.2	32.6	48.8
130	2.1	1.6	2.4
166	29.2	23.3	34.9

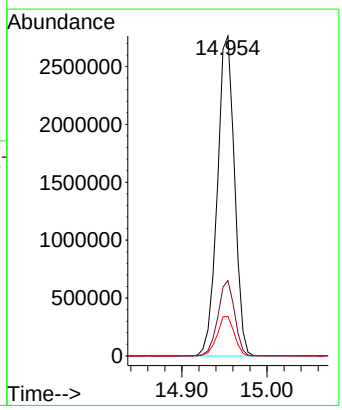


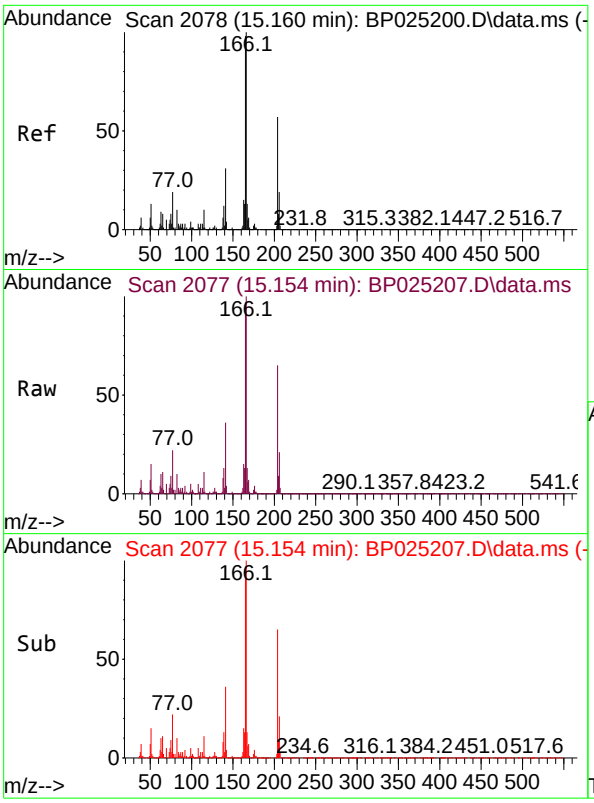


#60
Diethylphthalate
Concen: 40.178 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:149 Resp: 3857221

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.4	27.6
150	12.3	10.0	15.0



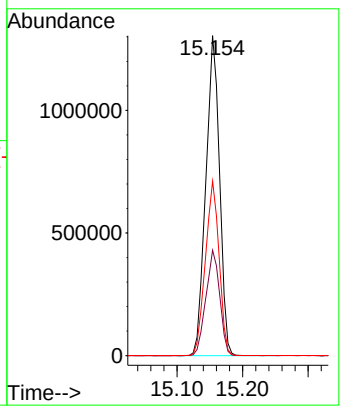


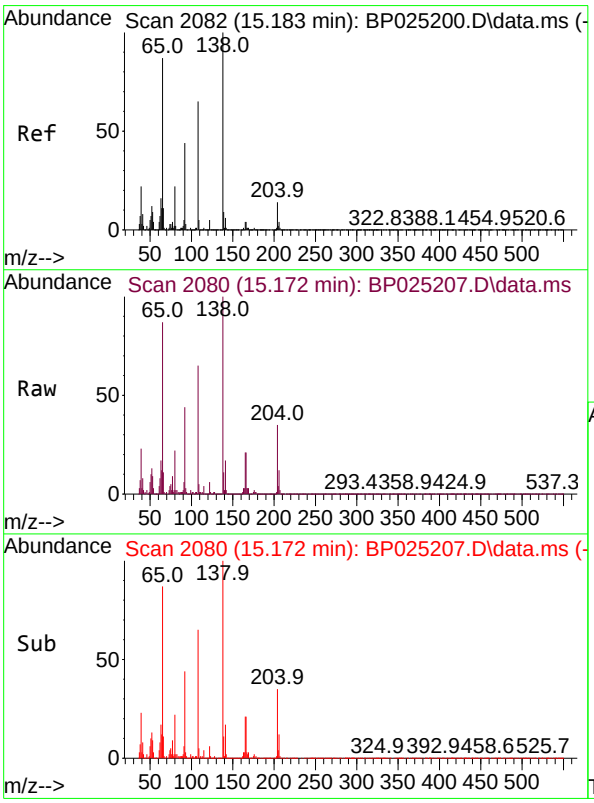
#61
4-Chlorophenyl-phenylether
Concen: 40.491 ng
RT: 15.154 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1891590

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	54.5	43.0	64.6

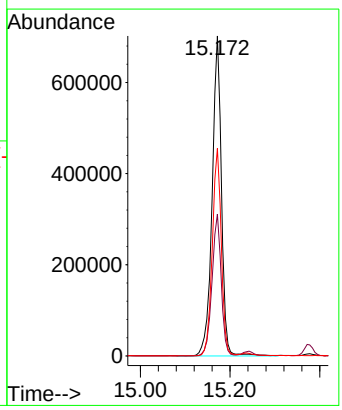


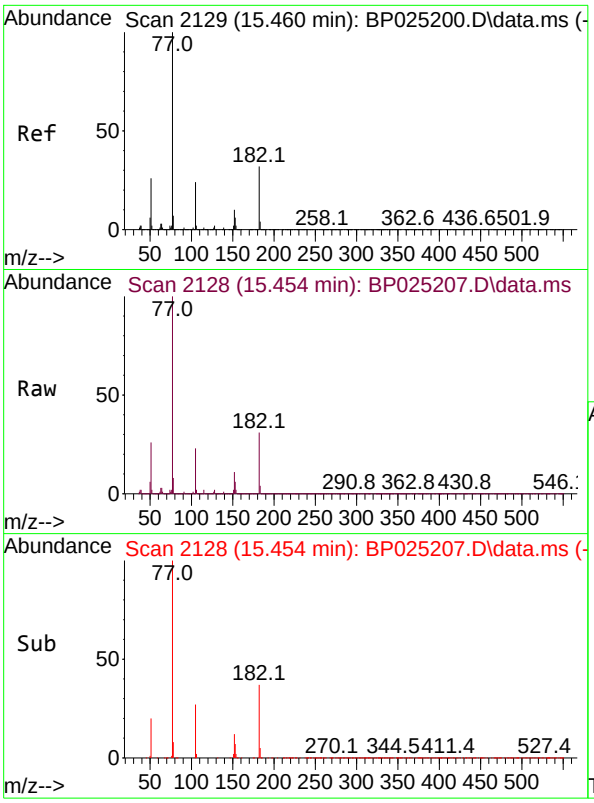


#62
4-Nitroaniline
Concen: 41.736 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:138 Resp: 1013030

Ion	Ratio	Lower	Upper
138	100		
92	44.3	24.0	64.0
108	64.8	44.9	84.9



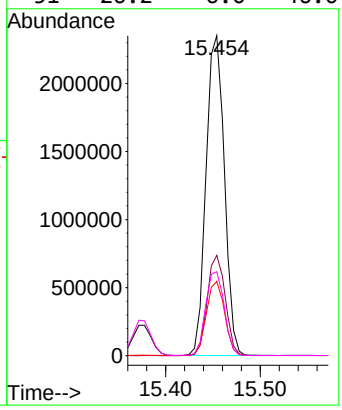


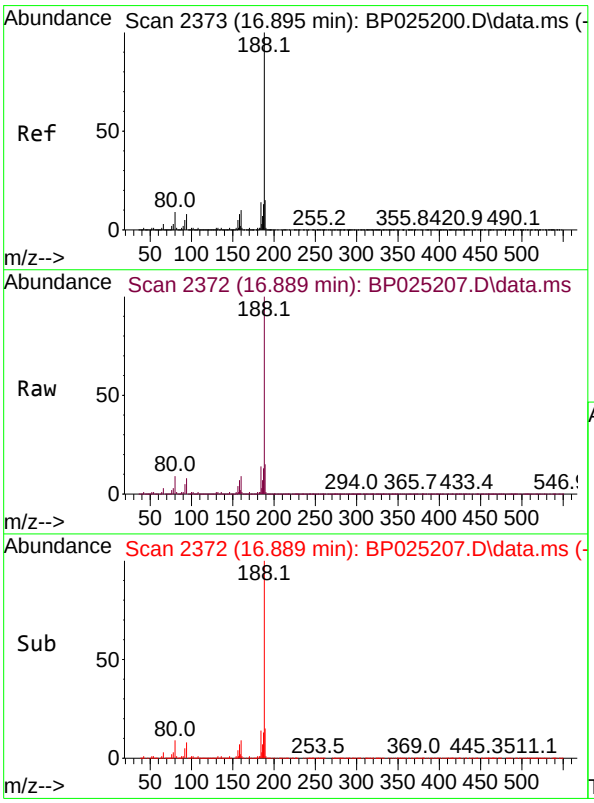
#63
Azobenzene
Concen: 40.508 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 3169050

Ion	Ratio	Lower	Upper
77	100		
182	31.3	12.0	52.0
105	23.2	3.6	43.6
51	26.2	6.0	46.0

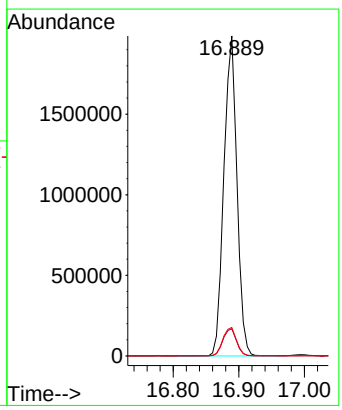


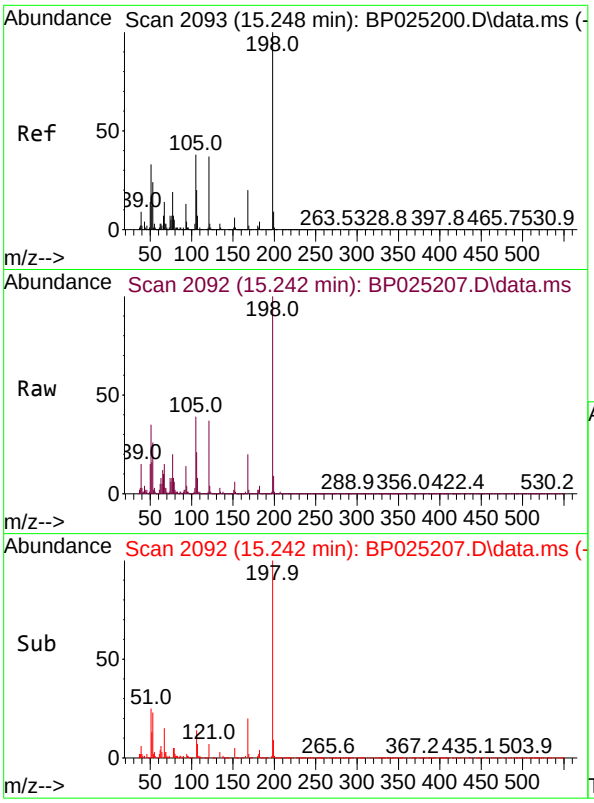


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:188 Resp: 2757839

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.9	7.3	10.9



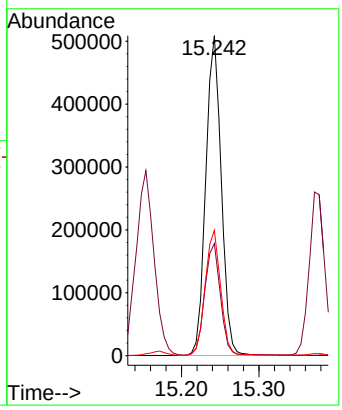


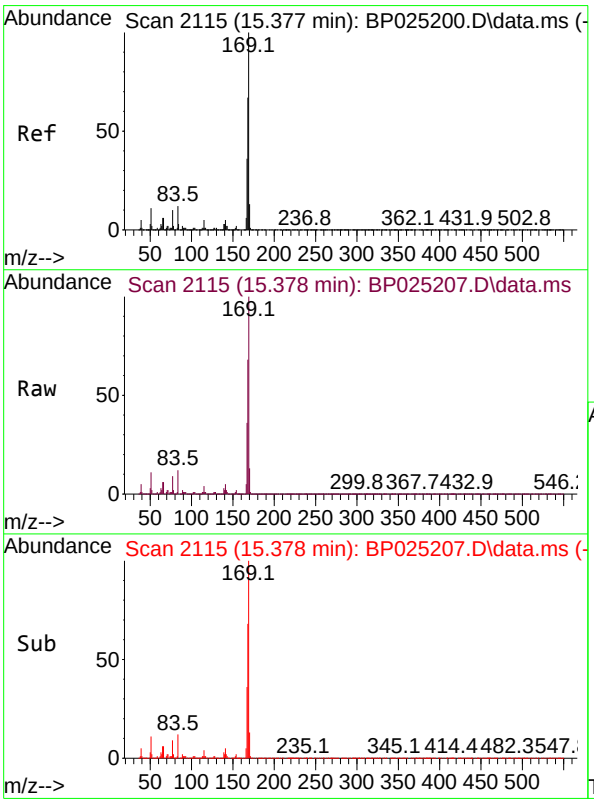
#65
4,6-Dinitro-2-methylphenol
Concen: 39.717 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 706886

Ion	Ratio	Lower	Upper
198	100		
51	35.0	14.6	54.6
105	39.2	18.3	58.3

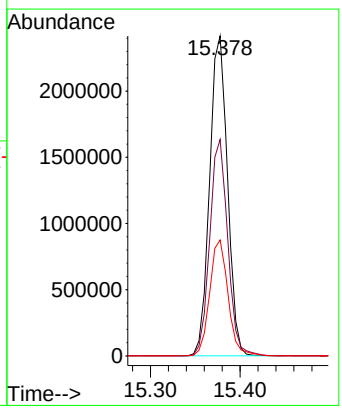


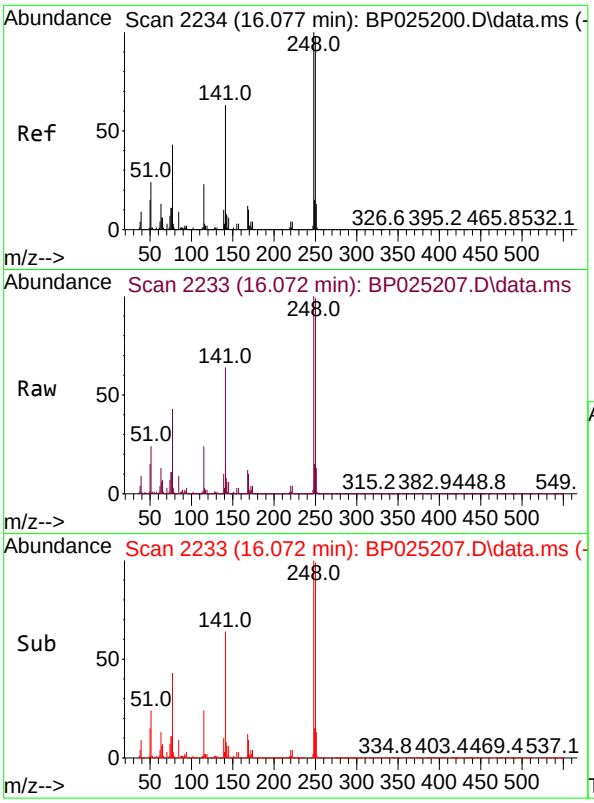


#66
n-Nitrosodiphenylamine
Concen: 39.946 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:169 Resp: 3343811

Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.7	80.5
167	36.2	29.0	43.6



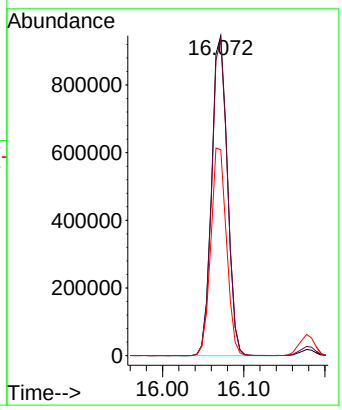


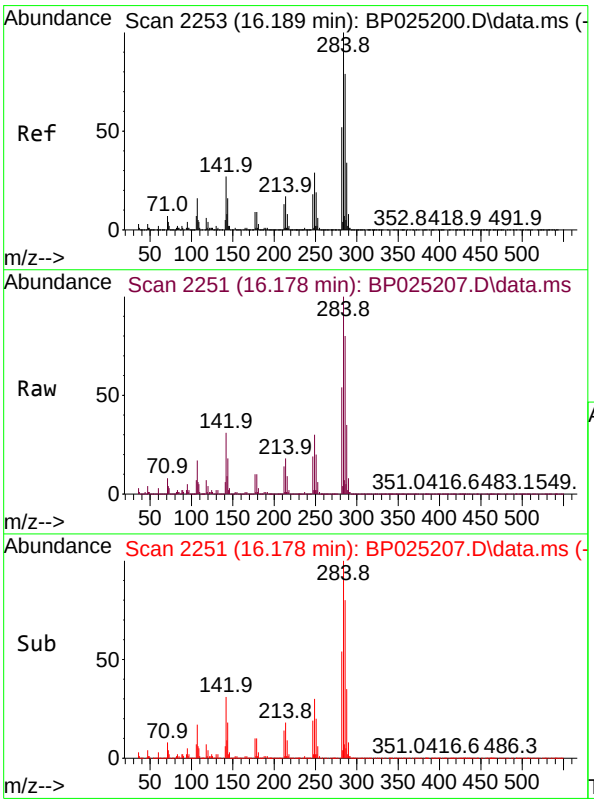
#67
4-Bromophenyl-phenylether
Concen: 39.571 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 1273621

Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.5	117.7
141	64.3	50.5	75.7

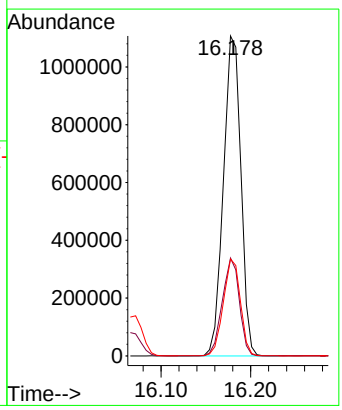


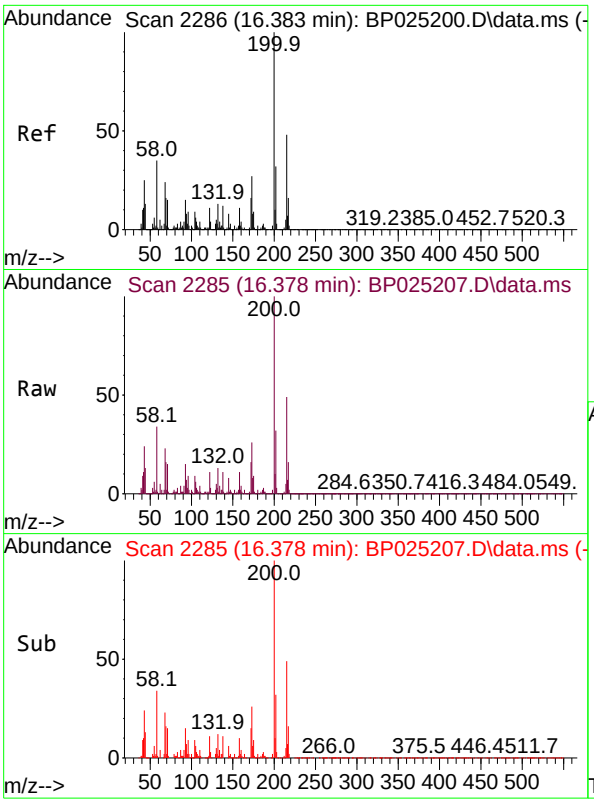


#68
Hexachlorobenzene
Concen: 39.300 ng
RT: 16.178 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:284 Resp: 1502136

Ion	Ratio	Lower	Upper
284	100		
142	30.6	21.5	32.3
249	30.3	23.4	35.0



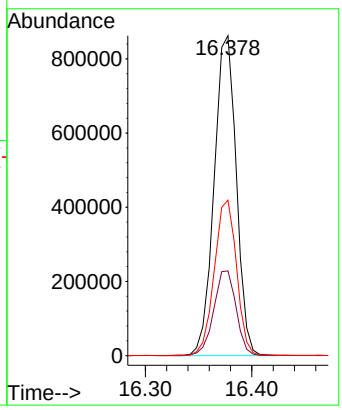


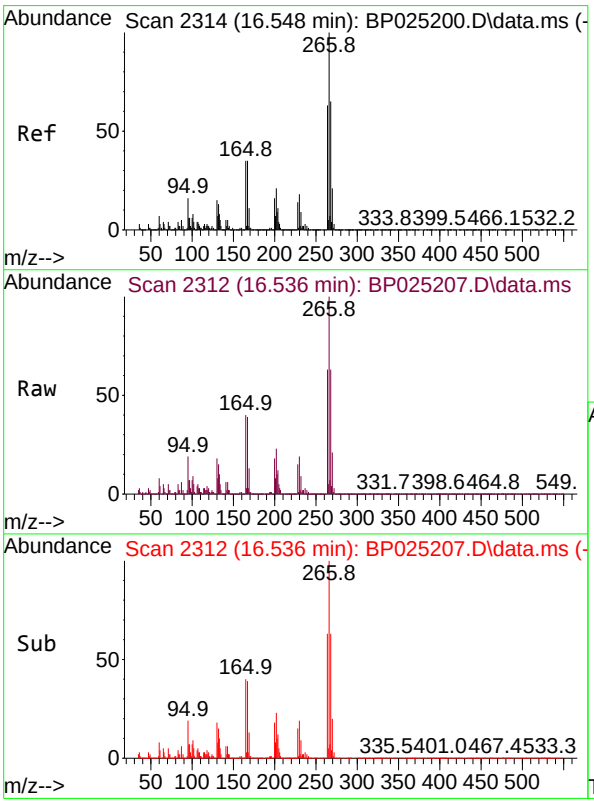
#69
Atrazine
Concen: 40.420 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 1252019

Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.4	47.4
215	48.6	28.5	68.5

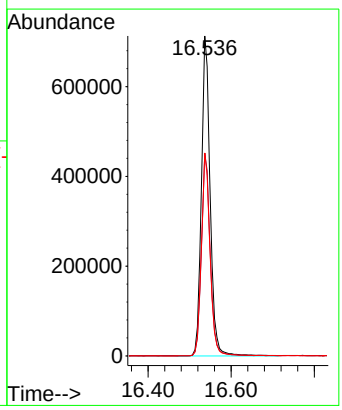


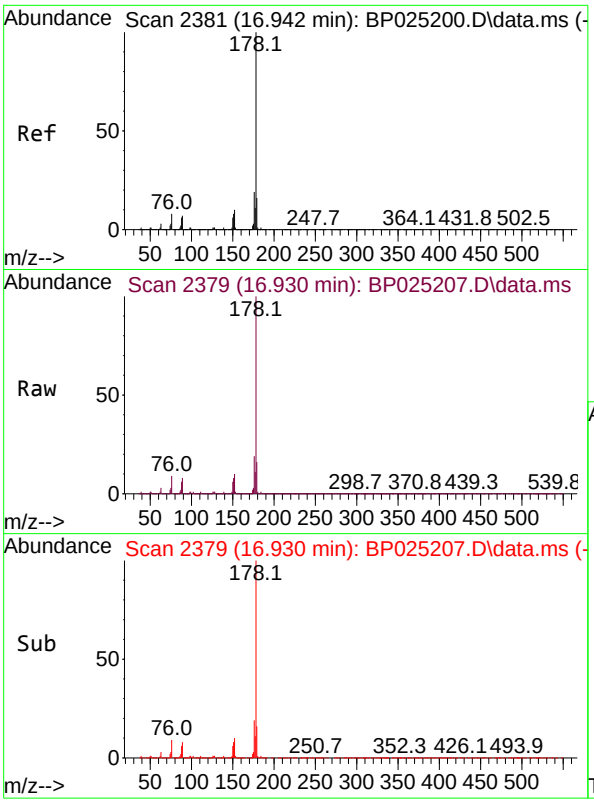


#70
Pentachlorophenol
Concen: 40.017 ng
RT: 16.536 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:266 Resp: 1040121

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.8	77.6
264	63.4	50.3	75.5



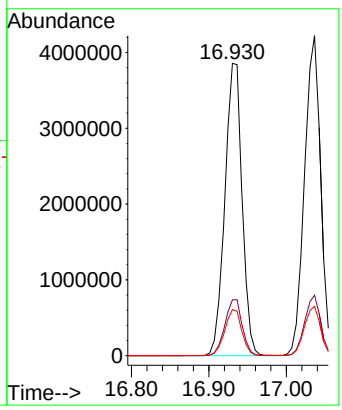


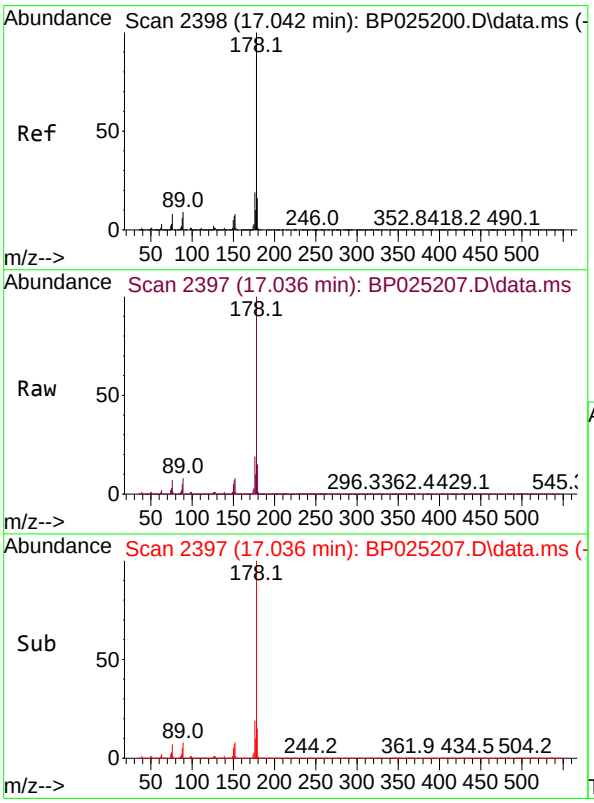
#71
Phenanthrene
Concen: 40.136 ng
RT: 16.930 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 5969977

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.7	12.5	18.7

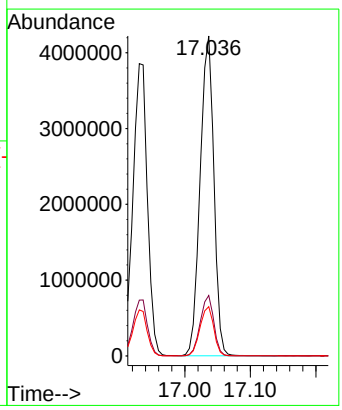


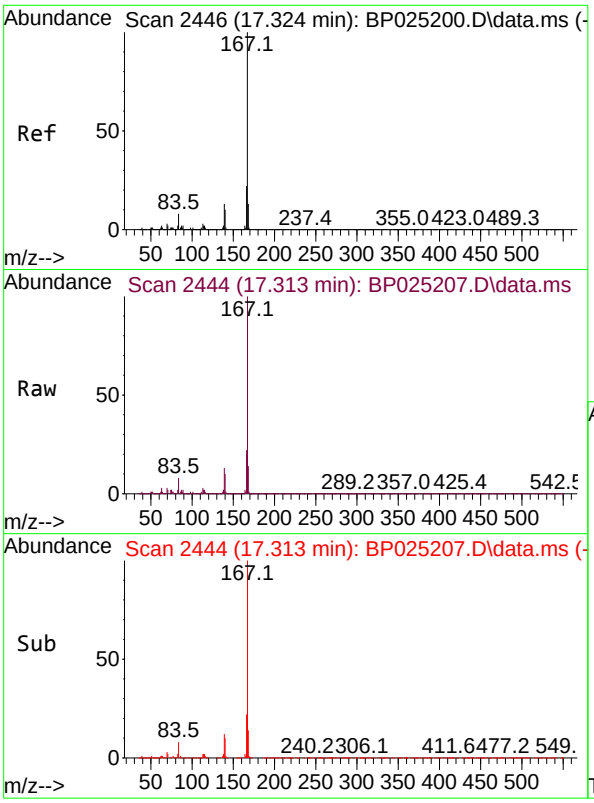


#72
Anthracene
Concen: 40.748 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:178 Resp: 6105908

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.4	12.5	18.7



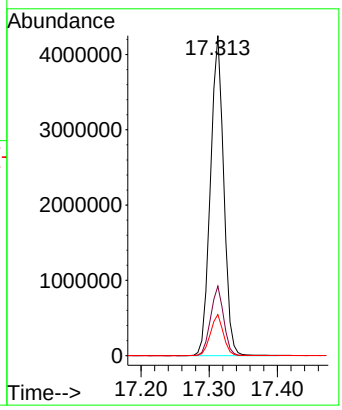


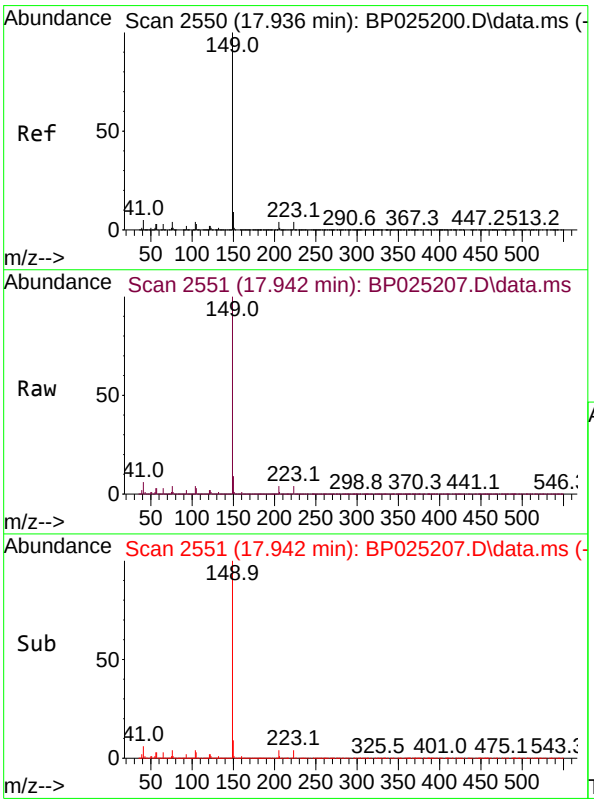
#73
Carbazole
Concen: 40.204 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 5750854

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.8	10.1	15.1

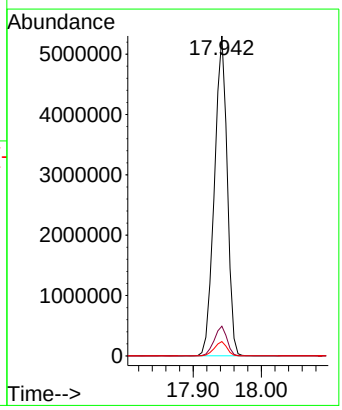


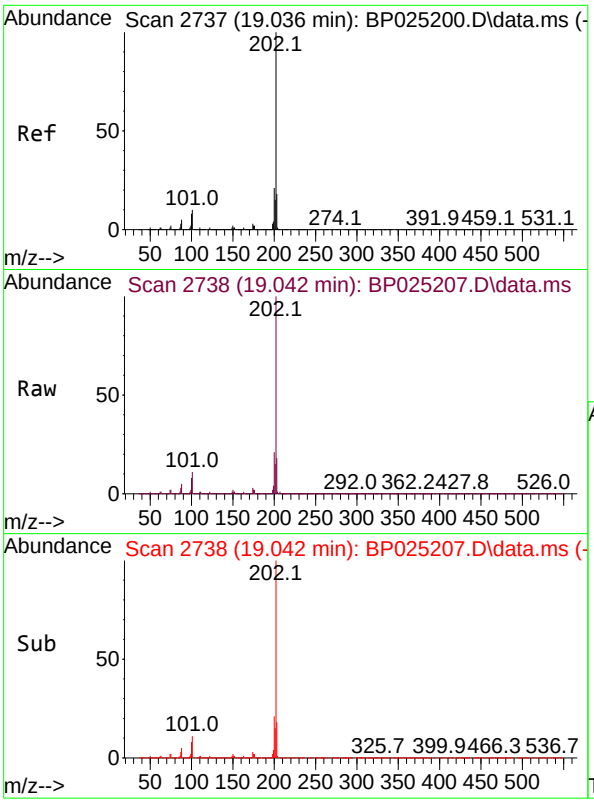


#74
Di-n-butylphthalate
Concen: 41.740 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:149 Resp: 6889127

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.5	3.5	5.3



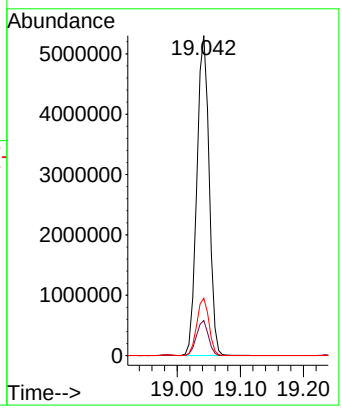


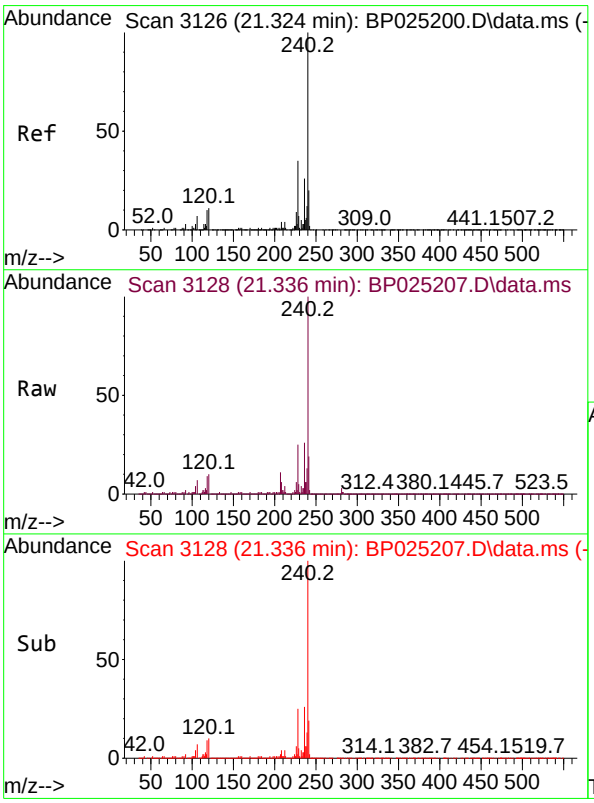
#75
Fluoranthene
Concen: 40.829 ng
RT: 19.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 7147505

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
203	18.0	0.0	38.0

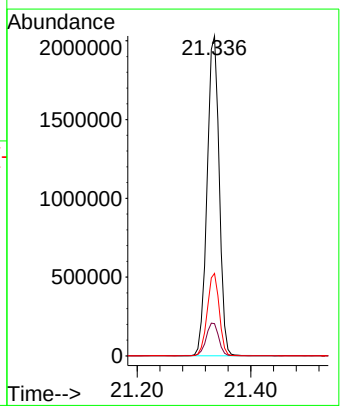


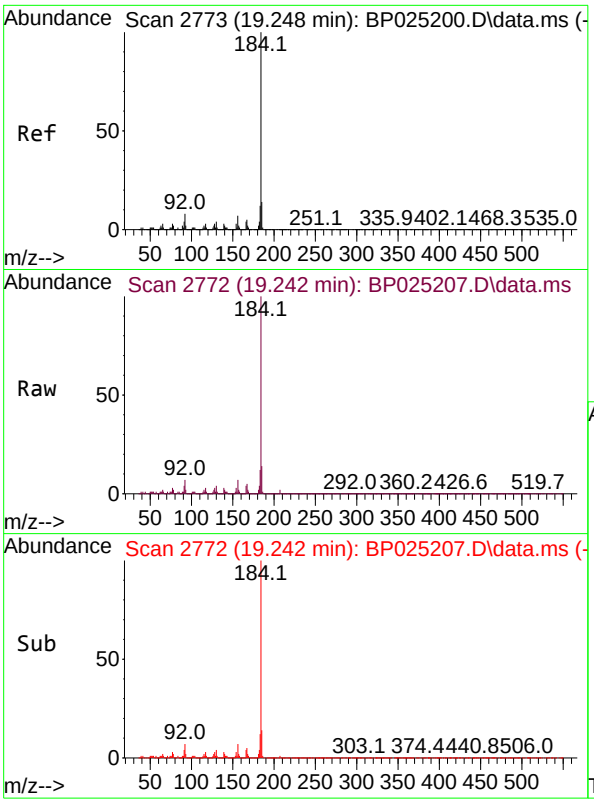


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:240 Resp: 3009908

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.8	13.2
236	25.8	20.9	31.3



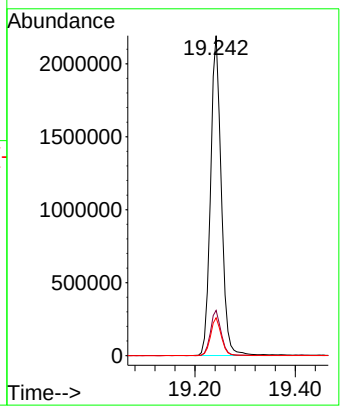


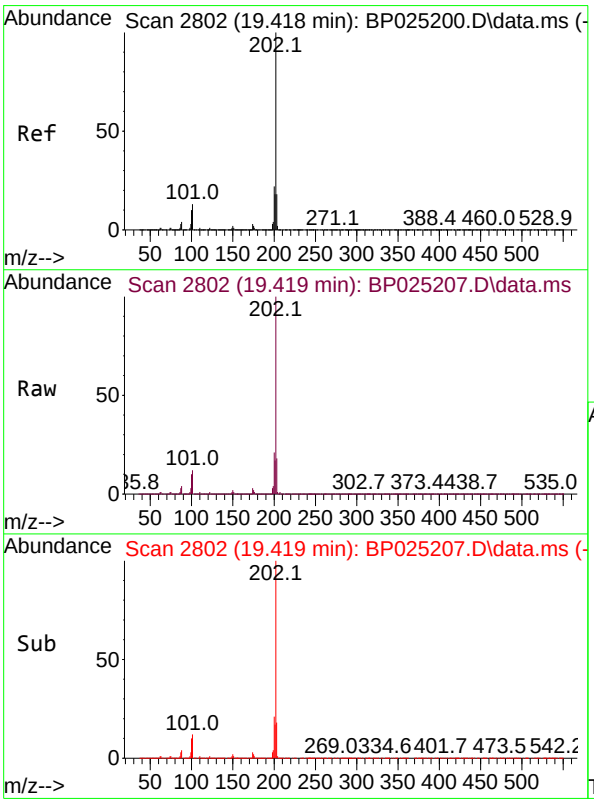
#77
Benzidine
Concen: 30.797 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 3254391

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.8	9.6	14.4

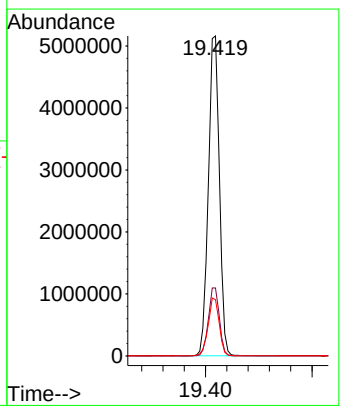


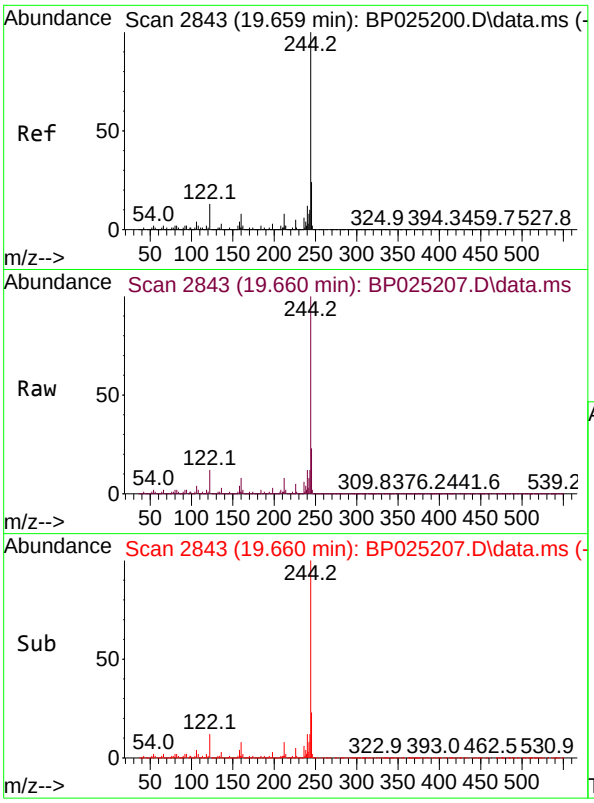


#78
Pyrene
Concen: 40.037 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:202 Resp: 7430372

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.6	14.3	21.5



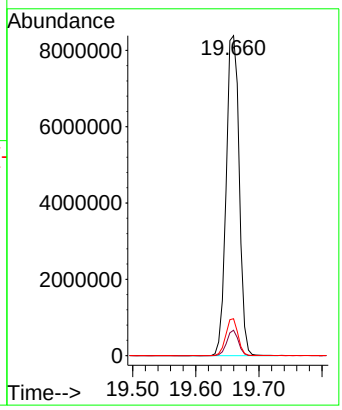


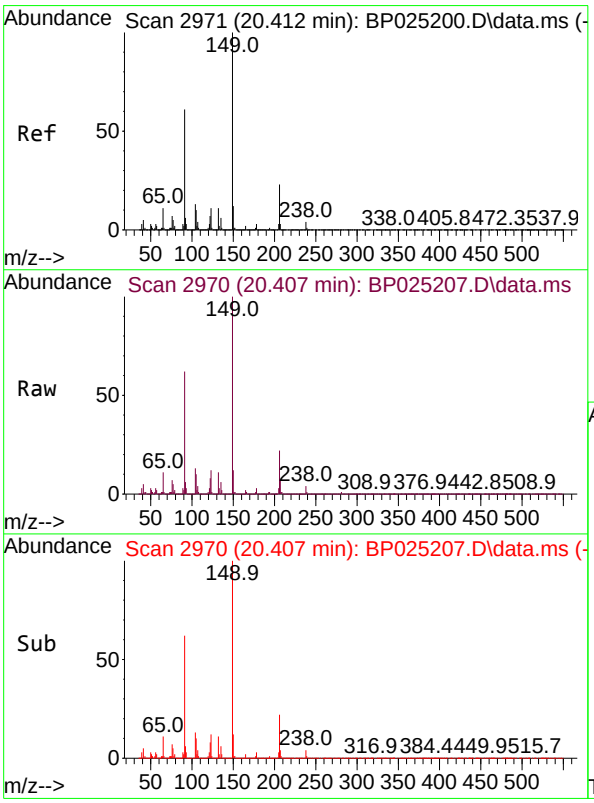
#79
Terphenyl-d14
Concen: 78.475 ng
RT: 19.660 min Scan# 28
Delta R.T. 0.001 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:11965520

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	11.5	10.3	15.5

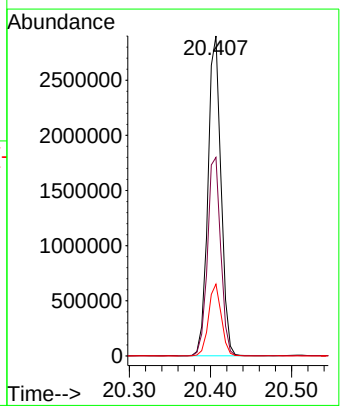


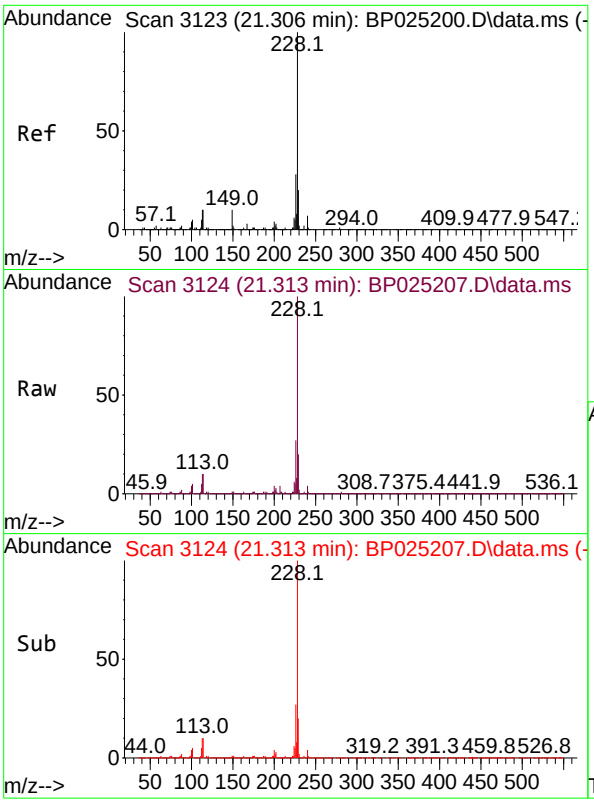


#80
Butylbenzylphthalate
Concen: 38.577 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:149 Resp: 3240787

Ion	Ratio	Lower	Upper
149	100		
91	62.0	48.8	73.2
206	22.4	18.4	27.6



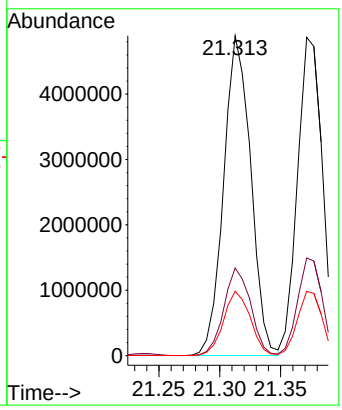


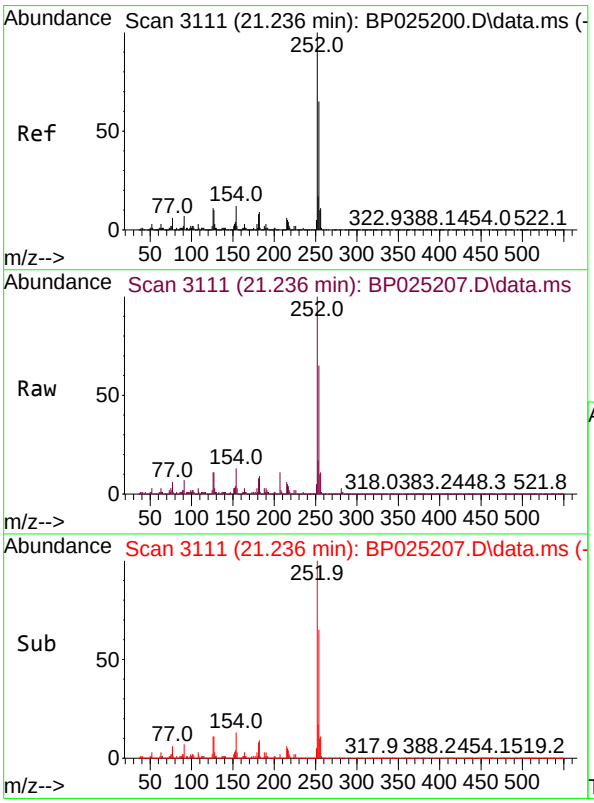
#81
Benzo(a)anthracene
Concen: 39.916 ng
RT: 21.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 7587133

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.2	16.2	24.2

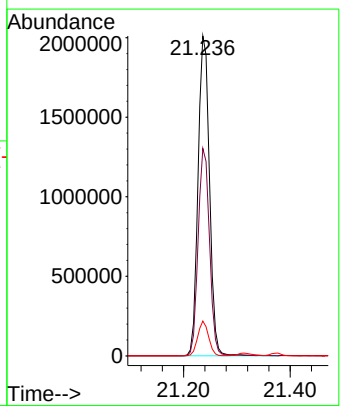


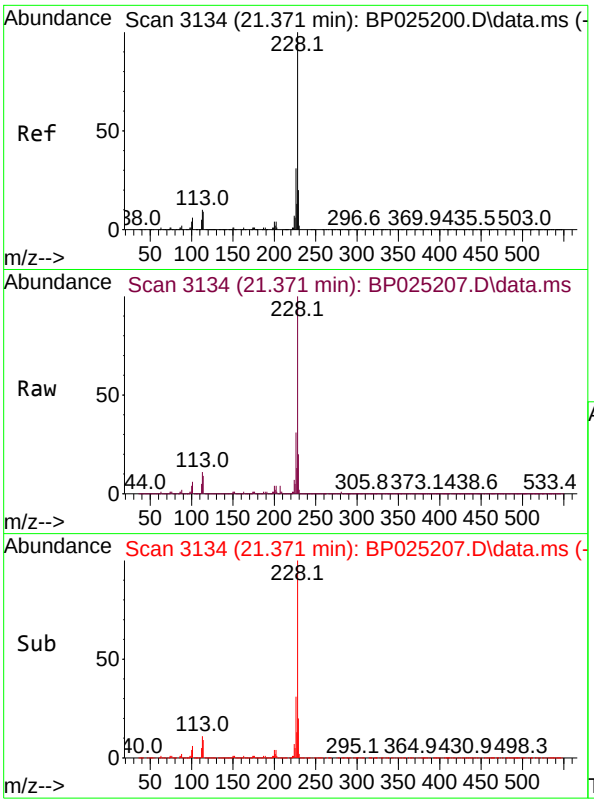


#82
3,3'-Dichlorobenzidine
Concen: 37.846 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:252 Resp: 2981932

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	10.9	8.6	12.8



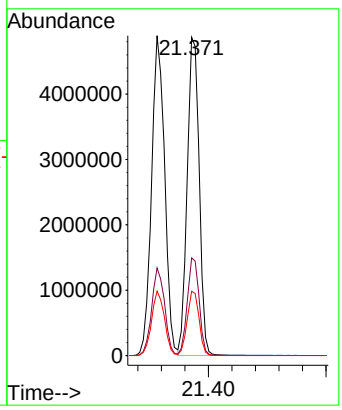


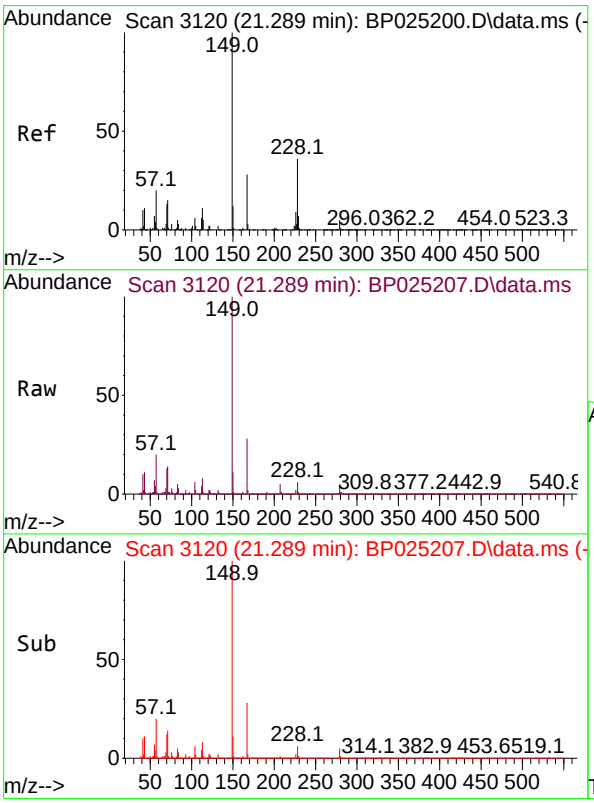
#83
Chrysene
Concen: 38.894 ng
RT: 21.371 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 6901176

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.2	16.0	24.0

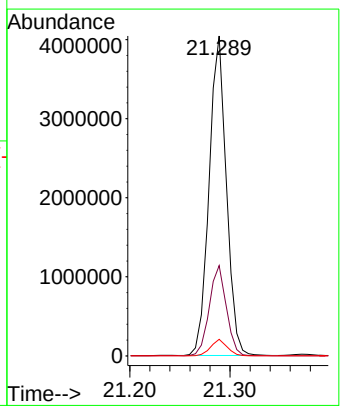


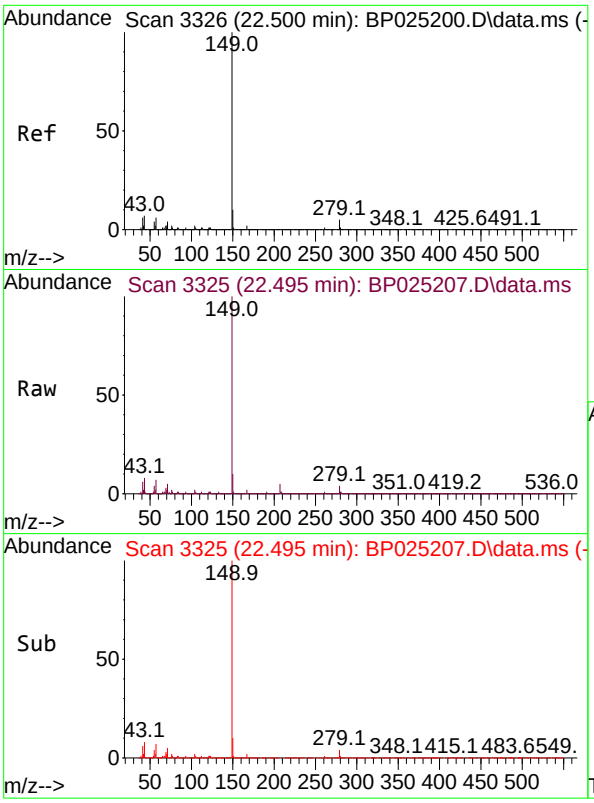


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.129 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:149 Resp: 4820387

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	5.2	4.0	6.0



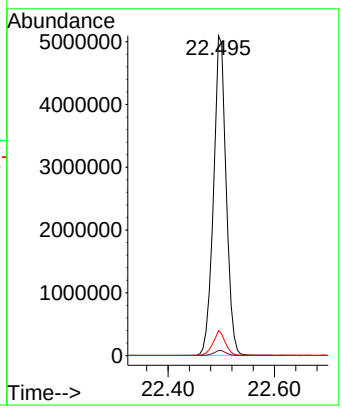


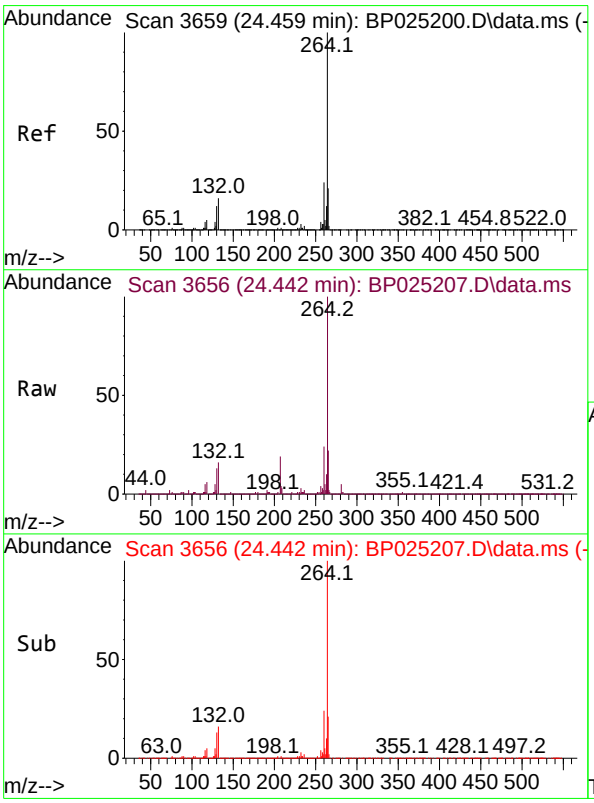
#85
Di-n-octyl phthalate
Concen: 40.281 ng
RT: 22.495 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 8355542

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.1	9.1

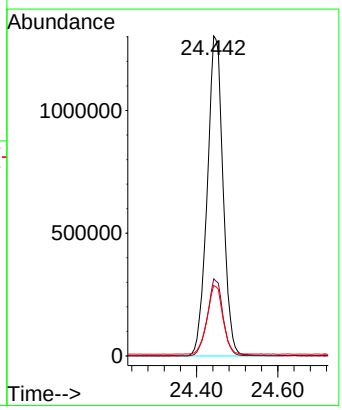


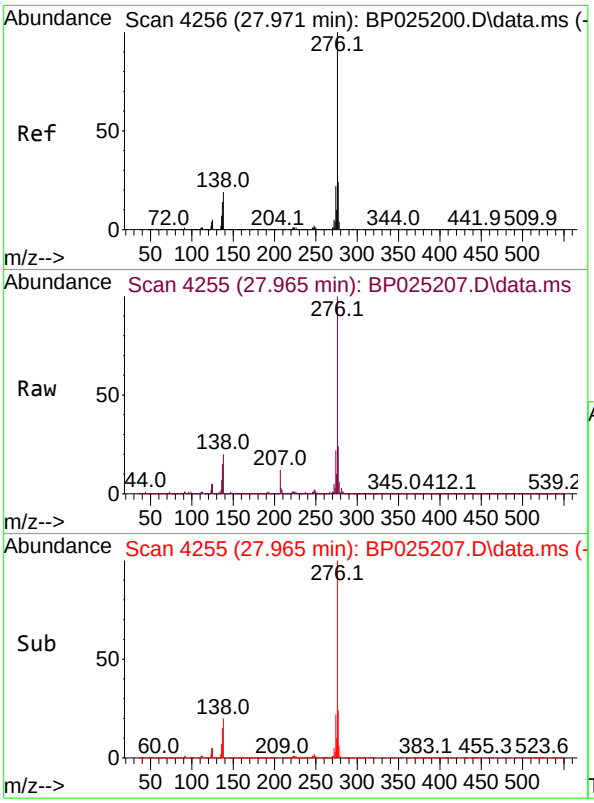


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.442 min Scan# 3656
Delta R.T. -0.017 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:264 Resp: 3535256

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.0	17.5	26.3



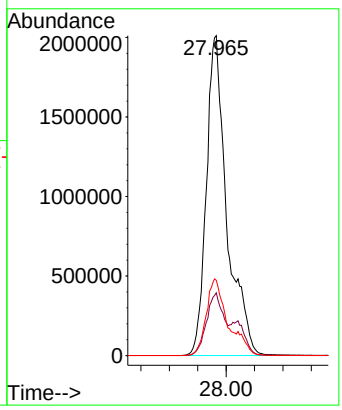


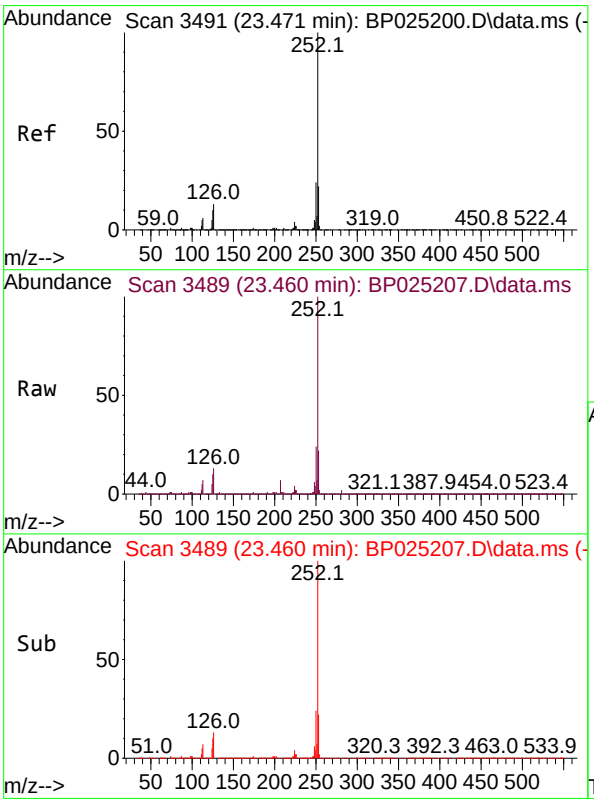
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.045 ng
RT: 27.965 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp:10087175

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.8	19.2
277	22.2	20.3	30.5

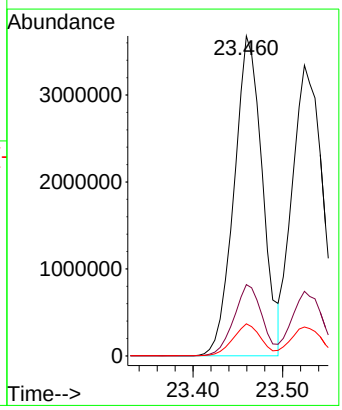


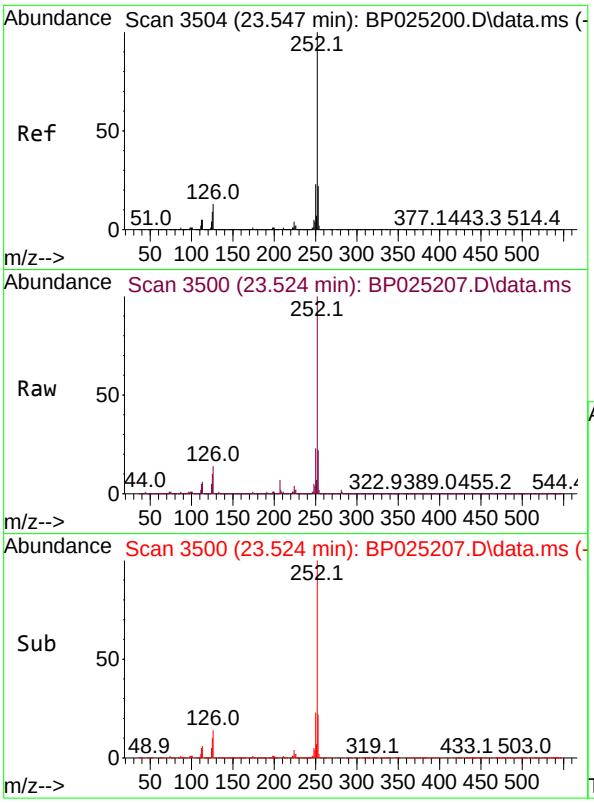


#88
Benzo(b)fluoranthene
Concen: 39.909 ng
RT: 23.460 min Scan# 3489
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:252 Resp: 8075955

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.0	7.8	11.8



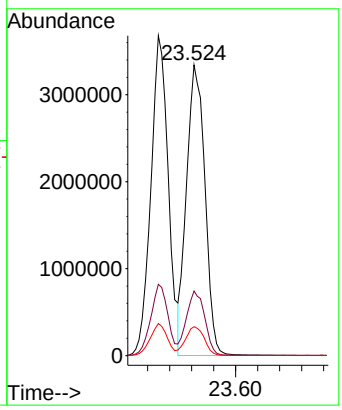


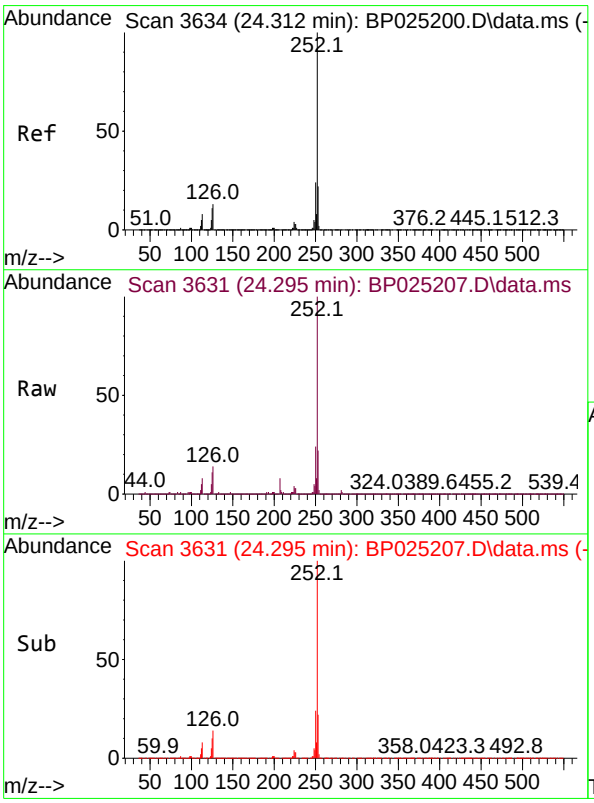
#89
Benzo(k)fluoranthene
Concen: 39.003 ng
RT: 23.524 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 7791858

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.9	7.5	11.3

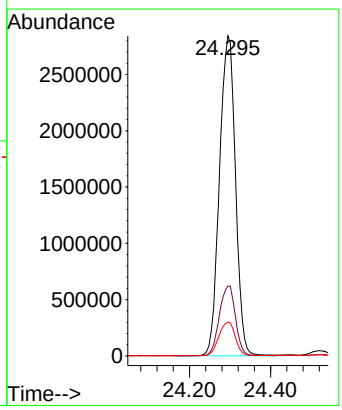


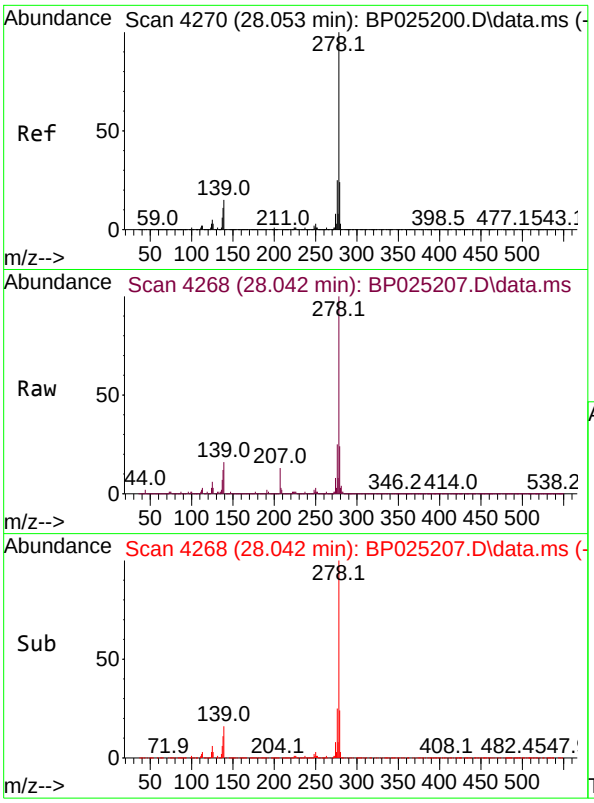


#90
Benzo(a)pyrene
Concen: 39.278 ng
RT: 24.295 min Scan# 3631
Delta R.T. -0.017 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:252 Resp: 7755162

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.6	8.6	12.8



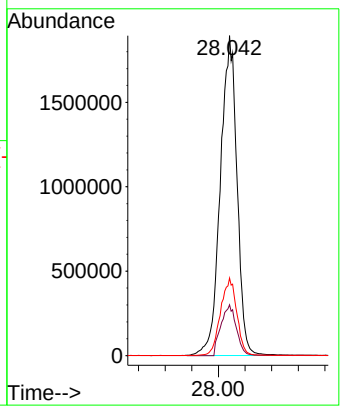


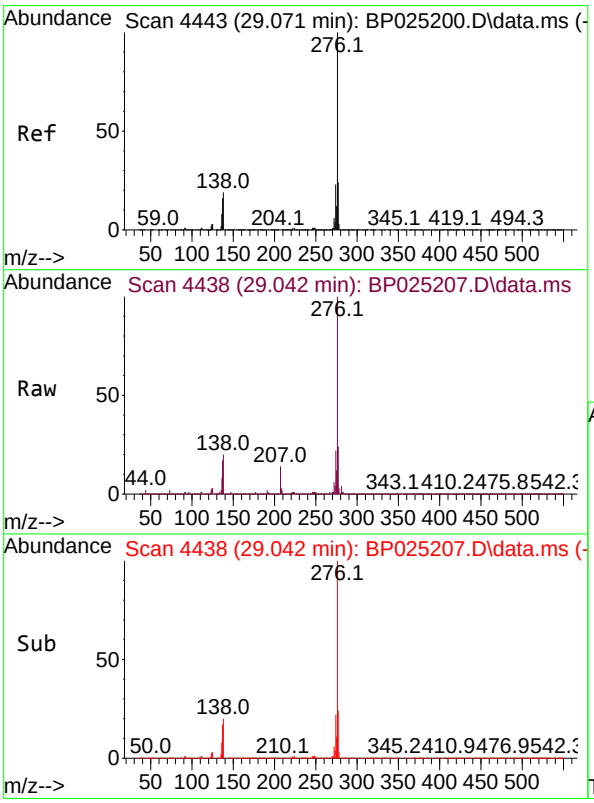
#91
Dibenzo(a,h)anthracene
Concen: 39.040 ng
RT: 28.042 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 8228589

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.0	18.0
279	24.2	19.5	29.3

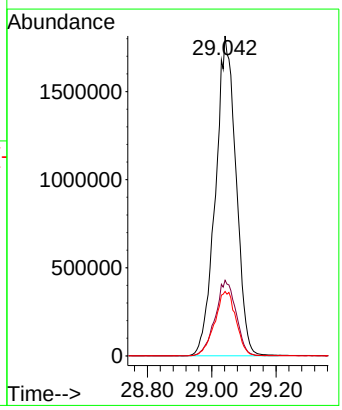




#92
Benzo(g,h,i)perylene
Concen: 38.890 ng
RT: 29.042 min Scan# 4438
Delta R.T. -0.029 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:276 Resp: 8055533

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	20.1	15.4	23.2



Sample Results: **BP025207.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	72	0.00
2		1,4-Dioxane	0.444	0.447	-0.7	76	0.00
3		Pyridine	1.188	1.180	0.7	73	0.00
4		n-Nitrosodimethylamine	0.471	0.468	0.6	72	0.00
5	S	2-Fluorophenol	1.184	1.169	1.3	73	0.00
6		Aniline	1.916	1.928	-0.6	72	0.00
7	S	Phenol-d6	1.466	1.473	-0.5	73	0.00
8		2-Chlorophenol	1.343	1.331	0.9	72	0.00
9		Benzaldehyde	0.994	0.538	45.9#	35#	0.00
10	C	Phenol	1.520	1.518	0.1	72	0.00
11		bis(2-Chloroethyl)ether	1.166	1.164	0.2	72	-0.01
12		1,3-Dichlorobenzene	1.510	1.489	1.4	72	-0.01
13	C	1,4-Dichlorobenzene	1.525	1.506	1.2	72	0.00
14		1,2-Dichlorobenzene	1.467	1.454	0.9	73	-0.01
15		Benzyl Alcohol	1.057	1.051	0.6	72	-0.01
16		2,2'-oxybis(1-Chloropropane	1.491	1.477	0.9	72	-0.01
17		2-Methylphenol	1.054	1.052	0.2	72	-0.01
18		Hexachloroethane	0.524	0.521	0.6	73	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	0.897	-1.7	73	0.00
20		3+4-Methylphenols	1.438	1.413	1.7	71	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22		Acetophenone	0.465	0.463	0.4	73	-0.01
23	S	Nitrobenzene-d5	0.360	0.359	0.3	72	-0.01
24		Nitrobenzene	0.321	0.321	0.0	73	-0.01
25		Isophorone	0.633	0.630	0.5	72	-0.02
26	C	2-Nitrophenol	0.184	0.181	1.6	70	-0.01
27		2,4-Dimethylphenol	0.308	0.305	1.0	71	-0.01
28		bis(2-Chloroethoxy)methane	0.396	0.394	0.5	73	0.00
29	C	2,4-Dichlorophenol	0.317	0.314	0.9	71	0.00
30		1,2,4-Trichlorobenzene	0.346	0.335	3.2	71	-0.01
31		Naphthalene	1.023	1.011	1.2	72	-0.01
32		Benzoic acid	0.235	0.236	-0.4	71	-0.02
33		4-Chloroaniline	0.450	0.451	-0.2	73	0.00
34	C	Hexachlorobutadiene	0.208	0.202	2.9	71	0.00
35		Caprolactam	0.105	0.106	-1.0	75	-0.02
36	C	4-Chloro-3-methylphenol	0.317	0.316	0.3	73	0.00
37		2-Methylnaphthalene	0.665	0.652	2.0	72	0.00
38		1-Methylnaphthalene	0.698	0.692	0.9	72	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	0.599	0.588	1.8	71	0.00
41	P	Hexachlorocyclopentadiene	0.358	0.372	-3.9	75	0.00
42	S	2,4,6-Tribromophenol	0.295	0.299	-1.4	75	-0.01
43	C	2,4,6-Trichlorophenol	0.410	0.402	2.0	71	-0.01
44		2,4,5-Trichlorophenol	0.451	0.446	1.1	71	-0.01
45	S	2-Fluorobiphenyl	1.419	1.463	-3.1	75	0.00
46		1,1'-Biphenyl	1.450	1.450	0.0	73	0.00
47		2-Chloronaphthalene	1.132	1.111	1.9	72	0.00

Sample Results: **BP025207.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	0.289	0.297	-2.8	74	-0.01
49		Acenaphthylene	1.831	1.859	-1.5	74	0.00
50		Dimethylphthalate	1.430	1.435	-0.3	75	0.00
51		2,6-Dinitrotoluene	0.311	0.317	-1.9	73	0.00
52	C	Acenaphthene	1.059	1.064	-0.5	74	0.00
53		3-Nitroaniline	0.350	0.361	-3.1	76	0.00
54	P	2,4-Dinitrophenol	0.184	0.186	-1.1	74	0.00
55		Dibenzofuran	1.710	1.721	-0.6	74	0.00
56	P	4-Nitrophenol	0.300	0.307	-2.3	76	0.00
57		2,4-Dinitrotoluene	0.435	0.453	-4.1	75	-0.01
58		Fluorene	1.358	1.377	-1.4	74	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.405	-1.5	74	0.00
60		Diethylphthalate	1.410	1.416	-0.4	74	0.00
61		4-Chlorophenyl-phenylether	0.686	0.694	-1.2	74	0.00
62		4-Nitroaniline	0.356	0.372	-4.5	77	-0.01
63		Azobenzene	1.149	1.163	-1.2	74	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.128	0.8	73	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.606	0.2	76	0.00
67		4-Bromophenyl-phenylether	0.233	0.231	0.9	75	0.00
68		Hexachlorobenzene	0.277	0.272	1.8	73	-0.01
69		Atrazine	0.225	0.227	-0.9	77	0.00
70	C	Pentachlorophenol	0.188	0.189	-0.5	75	-0.01
71		Phenanthrene	1.079	1.082	-0.3	76	-0.01
72		Anthracene	1.087	1.107	-1.8	77	0.00
73		Carbazole	1.037	1.043	-0.6	76	-0.01
74		Di-n-butylphthalate	1.197	1.249	-4.3	78	0.00
75	C	Fluoranthene	1.270	1.296	-2.0	78	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	82	0.01
77		Benzidine	0.702	0.541	22.9	52	0.00
78		Pyrene	1.233	1.234	-0.1	80	0.00
79	S	Terphenyl-d14	1.013	0.994	1.9	91	0.00
80		Butylbenzylphthalate	0.558	0.538	3.6	78	0.00
81		Benzo(a)anthracene	1.263	1.260	0.2	83	0.00
82		3,3'-Dichlorobenzidine	0.524	0.495	5.5	80	0.00
83		Chrysene	1.179	1.146	2.8	81	0.00
84		Bis(2-ethylhexyl)phthalate	0.798	0.801	-0.4	82	0.00
85	c	Di-n-octyl phthalate	1.378	1.388	-0.7	82	0.00
86	I	Perylene-d12	1.000	1.000	0.0	81	-0.02
87		Indeno(1,2,3-cd)pyrene	1.462	1.427	2.4	81	0.00
88		Benzo(b)fluoranthene	1.145	1.142	0.3	82	-0.01
89		Benzo(k)fluoranthene	1.130	1.102	2.5	79	-0.02
90	C	Benzo(a)pyrene	1.117	1.097	1.8	81	-0.02
91		Dibenzo(a,h)anthracene	1.192	1.164	2.3	81	-0.01
92		Benzo(g,h,i)perylene	1.172	1.139	2.8	81	-0.03

Sample Results: **BP025207.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

Sample Results: **BP025207.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	72	0.00
2		1,4-Dioxane	40.000	40.265	-0.7	76	0.00
3		Pyridine	40.000	39.744	0.6	73	0.00
4		n-Nitrosodimethylamine	40.000	39.746	0.6	72	0.00
5	S	2-Fluorophenol	80.000	79.027	1.2	73	0.00
6		Aniline	40.000	40.247	-0.6	72	0.00
7	S	Phenol-d6	80.000	80.374	-0.5	73	0.00
8		2-Chlorophenol	40.000	39.644	0.9	72	0.00
9		Benzaldehyde	40.000	21.664	45.8#	35	0.00
10	C	Phenol	40.000	39.940	0.2	72	0.00
11		bis(2-Chloroethyl)ether	40.000	39.952	0.1	72	-0.01
12		1,3-Dichlorobenzene	40.000	39.446	1.4	72	-0.01
13	C	1,4-Dichlorobenzene	40.000	39.505	1.2	72	0.00
14		1,2-Dichlorobenzene	40.000	39.666	0.8	73	-0.01
15		Benzyl Alcohol	40.000	39.752	0.6	72	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	39.623	0.9	72	-0.01
17		2-Methylphenol	40.000	39.905	0.2	72	-0.01
18		Hexachloroethane	40.000	39.753	0.6	73	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.683	-1.7	73	0.00
20		3+4-Methylphenols	40.000	39.311	1.7	71	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22		Acetophenone	40.000	39.812	0.5	73	-0.01
23	S	Nitrobenzene-d5	80.000	79.711	0.4	72	-0.01
24		Nitrobenzene	40.000	39.985	0.0	73	-0.01
25		Isophorone	40.000	39.793	0.5	72	-0.02
26	C	2-Nitrophenol	40.000	39.295	1.8	70	-0.01
27		2,4-Dimethylphenol	40.000	39.514	1.2	71	-0.01
28		bis(2-Chloroethoxy)methane	40.000	39.774	0.6	73	0.00
29	C	2,4-Dichlorophenol	40.000	39.617	1.0	71	0.00
30		1,2,4-Trichlorobenzene	40.000	38.753	3.1	71	-0.01
31		Naphthalene	40.000	39.531	1.2	72	-0.01
32		Benzoic acid	40.000	40.117	-0.3	71	-0.02
33		4-Chloroaniline	40.000	40.076	-0.2	73	0.00
34	C	Hexachlorobutadiene	40.000	38.875	2.8	71	0.00
35		Caprolactam	40.000	40.364	-0.9	75	-0.02
36	C	4-Chloro-3-methylphenol	40.000	39.976	0.1	73	0.00
37		2-Methylnaphthalene	40.000	39.242	1.9	72	0.00
38		1-Methylnaphthalene	40.000	39.661	0.8	72	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.221	1.9	71	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.625	-4.1	75	0.00
42	S	2,4,6-Tribromophenol	80.000	81.144	-1.4	75	-0.01
43	C	2,4,6-Trichlorophenol	40.000	39.303	1.7	71	-0.01
44		2,4,5-Trichlorophenol	40.000	39.566	1.1	71	-0.01
45	S	2-Fluorobiphenyl	80.000	82.491	-3.1	75	0.00
46		1,1'-Biphenyl	40.000	40.011	-0.0	73	0.00
47		2-Chloronaphthalene	40.000	39.272	1.8	72	0.00

Sample Results: **BP025207.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	41.124	-2.8	74	-0.01
49		Acenaphthylene	40.000	40.605	-1.5	74	0.00
50		Dimethylphthalate	40.000	40.135	-0.3	75	0.00
51		2,6-Dinitrotoluene	40.000	40.744	-1.9	73	0.00
52	C	Acenaphthene	40.000	40.205	-0.5	74	0.00
53		3-Nitroaniline	40.000	41.192	-3.0	76	0.00
54	P	2,4-Dinitrophenol	40.000	40.443	-1.1	74	0.00
55		Dibenzofuran	40.000	40.254	-0.6	74	0.00
56	P	4-Nitrophenol	40.000	40.917	-2.3	76	0.00
57		2,4-Dinitrotoluene	40.000	41.660	-4.1	75	-0.01
58		Fluorene	40.000	40.569	-1.4	74	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.628	-1.6	74	0.00
60		Diethylphthalate	40.000	40.178	-0.4	74	0.00
61		4-Chlorophenyl-phenylether	40.000	40.491	-1.2	74	0.00
62		4-Nitroaniline	40.000	41.736	-4.3	77	-0.01
63		Azobenzene	40.000	40.508	-1.3	74	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.717	0.7	73	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.946	0.1	76	0.00
67		4-Bromophenyl-phenylether	40.000	39.571	1.1	75	0.00
68		Hexachlorobenzene	40.000	39.300	1.8	73	-0.01
69		Atrazine	40.000	40.420	-1.1	77	0.00
70	C	Pentachlorophenol	40.000	40.017	-0.0	75	-0.01
71		Phenanthrene	40.000	40.136	-0.3	76	-0.01
72		Anthracene	40.000	40.748	-1.9	77	0.00
73		Carbazole	40.000	40.204	-0.5	76	-0.01
74		Di-n-butylphthalate	40.000	41.740	-4.4	78	0.00
75	C	Fluoranthene	40.000	40.829	-2.1	78	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	82	0.01
77		Benzidine	40.000	30.797	23.0	52	0.00
78		Pyrene	40.000	40.037	-0.1	80	0.00
79	S	Terphenyl-d14	80.000	78.475	1.9	91	0.00
80		Butylbenzylphthalate	40.000	38.577	3.6	78	0.00
81		Benzo(a)anthracene	40.000	39.916	0.2	83	0.00
82		3,3'-Dichlorobenzidine	40.000	37.846	5.4	80	0.00
83		Chrysene	40.000	38.894	2.8	81	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.129	-0.3	82	0.00
85	c	Di-n-octyl phthalate	40.000	40.281	-0.7	82	0.00
86	I	Perylene-d12	20.000	20.000	0.0	81	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	39.045	2.4	81	0.00
88		Benzo(b)fluoranthene	40.000	39.909	0.2	82	-0.01
89		Benzo(k)fluoranthene	40.000	39.003	2.5	79	-0.02
90	C	Benzo(a)pyrene	40.000	39.278	1.8	81	-0.02
91		Dibenzo(a,h)anthracene	40.000	39.040	2.4	81	-0.01
92		Benzo(g,h,i)perylene	40.000	38.890	2.8	81	-0.03

Sample Results: **BP025207.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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:	Alliance	Contract:	NOBI03		
Lab Code:	ACE	SDG No.:	Q2639		
Instrument ID:	BNA_P	Calibration Date/Time:	07/22/2025	16:47	
Lab File ID:	BP025217.D	Init. Calib. Date(s):	07/21/2025	07/21/2025	
EPA Sample No.:	SSTDCCC040EC	Init. Calib. Time(s):	14:25	19:14	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.184	1.184		0.0	50.0
Phenol-d6	1.466	1.469		0.2	50.0
Nitrobenzene-d5	0.360	0.366		1.7	50.0
Naphthalene	1.023	1.020		-0.3	50.0
2-Methylnaphthalene	0.665	0.670		0.8	50.0
2-Fluorobiphenyl	1.419	1.454		2.5	50.0
Acenaphthylene	1.831	1.858		1.5	50.0
Acenaphthene	1.059	1.049		-0.9	50.0
Fluorene	1.358	1.377		1.4	50.0
2,4,6-Tribromophenol	0.295	0.300		1.7	50.0
Phenanthrene	1.079	1.064		-1.4	50.0
Anthracene	1.087	1.102		1.4	50.0
Fluoranthene	1.270	1.261		-0.7	50.0
Pyrene	1.233	1.257		1.9	50.0
Terphenyl-d14	1.013	1.008		-0.5	50.0
Benzo(a)anthracene	1.263	1.259		-0.3	50.0
Chrysene	1.179	1.176		-0.3	50.0
Benzo(b)fluoranthene	1.145	1.124		-1.8	50.0
Benzo(k)fluoranthene	1.130	1.105		-2.2	50.0
Benzo(a)pyrene	1.117	1.088		-2.6	50.0
Indeno(1,2,3-cd)pyrene	1.462	1.454		-0.5	50.0
Dibenzo(a,h)anthracene	1.192	1.192		0.0	50.0
Benzo(g,h,i)perylene	1.172	1.156		-1.4	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	484805	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	1949886	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	1283190	20.000	ng		0.01
64) Phenanthrene-d10	16.907	188	2609516	20.000	ng		0.01
76) Chrysene-d12	21.336	240	2676711	20.000	ng		0.01
86) Perylene-d12	24.465	264	3220793	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	2295766	80.012	ng		0.00
7) Phenol-d6	6.643	99	2848426	80.153	ng		0.00
23) Nitrobenzene-d5	8.560	82	2850806	81.250	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1540989	81.460	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	7465526	82.022	ng		0.00
79) Terphenyl-d14	19.666	244	10796124	79.620	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	428506	39.847	ng		99
3) Pyridine	3.496	79	1143807	39.735	ng		98
4) n-Nitrosodimethylamine	3.408	42	457523	40.078	ng		95
6) Aniline	6.778	93	1864526	40.138	ng		99
8) 2-Chlorophenol	7.013	128	1308790	40.201	ng		100
9) Benzaldehyde	6.596	77	945417	39.238	ng		98
10) Phenol	6.666	94	1476571	40.065	ng		100
11) bis(2-Chloroethyl)ether	6.878	93	1128018	39.923	ng		99
12) 1,3-Dichlorobenzene	7.325	146	1452137	39.664	ng		100
13) 1,4-Dichlorobenzene	7.472	146	1471223	39.812	ng		99
14) 1,2-Dichlorobenzene	7.772	146	1422625	40.017	ng		99
15) Benzyl Alcohol	7.672	79	1044047	40.729	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.949	45	1416363	39.177	ng		99
17) 2-Methylphenol	7.878	107	1021093	39.964	ng		99
18) Hexachloroethane	8.490	117	513517	40.407	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	874584	40.909	ng		98
20) 3+4-Methylphenols	8.201	107	1404751	40.305	ng		99
22) Acetophenone	8.237	105	1841706	40.591	ng	#	99
24) Nitrobenzene	8.601	77	1268326	40.551	ng		97
25) Isophorone	9.131	82	2511042	40.697	ng		98
26) 2-Nitrophenol	9.307	139	756773	42.134	ng		98
27) 2,4-Dimethylphenol	9.384	122	1220037	40.594	ng		98
28) bis(2-Chloroethoxy)met...	9.607	93	1549265	40.143	ng		100
29) 2,4-Dichlorophenol	9.837	162	1259414	40.789	ng		100
30) 1,2,4-Trichlorobenzene	10.048	180	1335187	39.591	ng		100
31) Naphthalene	10.225	128	3976670	39.855	ng		99
32) Benzoic acid	9.537	122	981015	42.757	ng		100
33) 4-Chloroaniline	10.337	127	1788185	40.770	ng		99
34) Hexachlorobutadiene	10.519	225	809228	39.867	ng		99
35) Caprolactam	11.137	113	424342	41.409	ng		99
36) 4-Chloro-3-methylphenol	11.490	107	1269467	41.129	ng		100
37) 2-Methylnaphthalene	11.848	142	2611585	40.308	ng		99
38) 1-Methylnaphthalene	12.078	142	2737847	40.228	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1517651	39.457	ng		100
41) Hexachlorocyclopentadiene	12.213	237	887835	38.668	ng		99
43) 2,4,6-Trichlorophenol	12.490	196	1049931	39.950	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

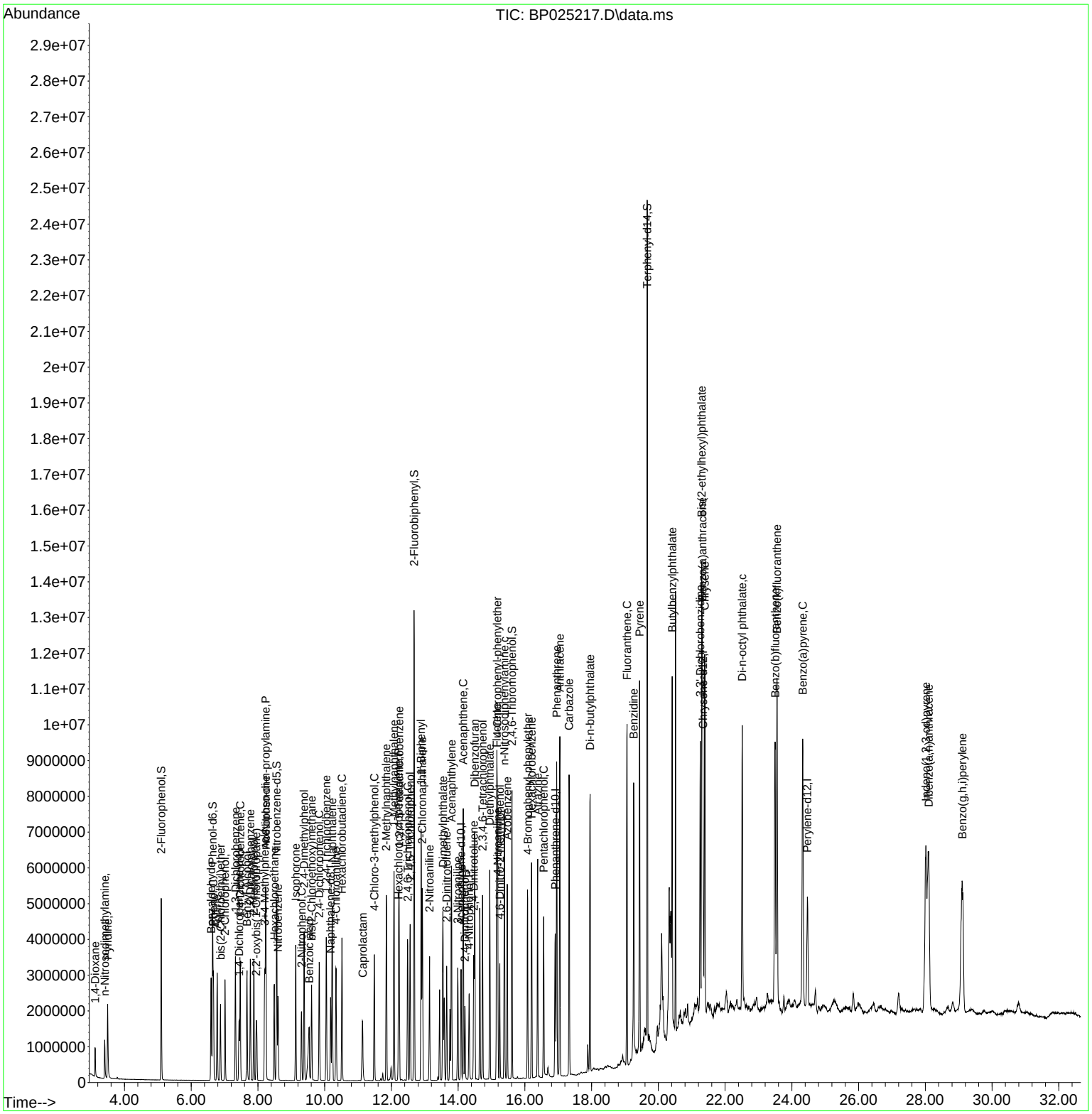
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1169262	40.430	ng	99
46) 1,1'-Biphenyl	12.889	154	3704215	39.821	ng	99
47) 2-Chloronaphthalene	12.925	162	2878391	39.634	ng	100
48) 2-Nitroaniline	13.142	65	767149	41.364	ng	97
49) Acenaphthylene	13.801	152	4767242	40.585	ng	99
50) Dimethylphthalate	13.542	163	3701569	40.335	ng	99
51) 2,6-Dinitrotoluene	13.654	165	820876	41.167	ng	97
52) Acenaphthene	14.154	154	2691736	39.628	ng	99
53) 3-Nitroaniline	13.989	138	919365	40.886	ng	98
54) 2,4-Dinitrophenol	14.201	184	508500	43.041	ng	98
55) Dibenzofuran	14.495	168	4350726	39.654	ng	100
56) 4-Nitrophenol	14.331	139	780640	40.570	ng	99
57) 2,4-Dinitrotoluene	14.466	165	1166349	41.787	ng	98
58) Fluorene	15.154	166	3533493	40.566	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1036076	40.480	ng	100
60) Diethylphthalate	14.948	149	3690362	40.800	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	1774043	40.306	ng	98
62) 4-Nitroaniline	15.189	138	966919	42.282	ng	97
63) Azobenzene	15.472	77	3013069	40.879	ng	97
65) 4,6-Dinitro-2-methylph...	15.248	198	693387	41.173	ng	97
66) n-Nitrosodiphenylamine	15.383	169	3160118	39.898	ng	99
67) 4-Bromophenyl-phenylether	16.083	248	1208101	39.669	ng	97
68) Hexachlorobenzene	16.201	284	1412145	39.045	ng	97
69) Atrazine	16.383	200	1189643	40.589	ng	99
70) Pentachlorophenol	16.566	266	971735	39.511	ng	99
71) Phenanthrene	16.954	178	5553593	39.459	ng	100
72) Anthracene	17.048	178	5749207	40.549	ng	100
73) Carbazole	17.325	167	5336598	39.428	ng	99
74) Di-n-butylphthalate	17.954	149	6587240	42.180	ng	100
75) Fluoranthene	19.060	202	6580038	39.724	ng	99
77) Benzidine	19.260	184	4002294	42.589	ng	100
78) Pyrene	19.436	202	6726583	40.757	ng	99
80) Butylbenzylphthalate	20.413	149	2968996	39.741	ng	99
81) Benzo(a)anthracene	21.318	228	6741360	39.881	ng	99
82) 3,3'-Dichlorobenzidine	21.254	252	2743673	39.157	ng	100
83) Chrysene	21.389	228	6293514	39.884	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4357084	40.787	ng	100
85) Di-n-octyl phthalate	22.512	149	7698558	41.734	ng	100
87) Indeno(1,2,3-cd)pyrene	28.018	276	9368897	39.805	ng	98
88) Benzo(b)fluoranthene	23.501	252	7241040	39.276	ng	99
89) Benzo(k)fluoranthene	23.554	252	7115299	39.094	ng	99
90) Benzo(a)pyrene	24.324	252	7006621	38.952	ng	100
91) Dibenzo(a,h)anthracene	28.100	278	7676442	39.976	ng	98
92) Benzo(g,h,i)perylene	29.112	276	7445439	39.454	ng	100

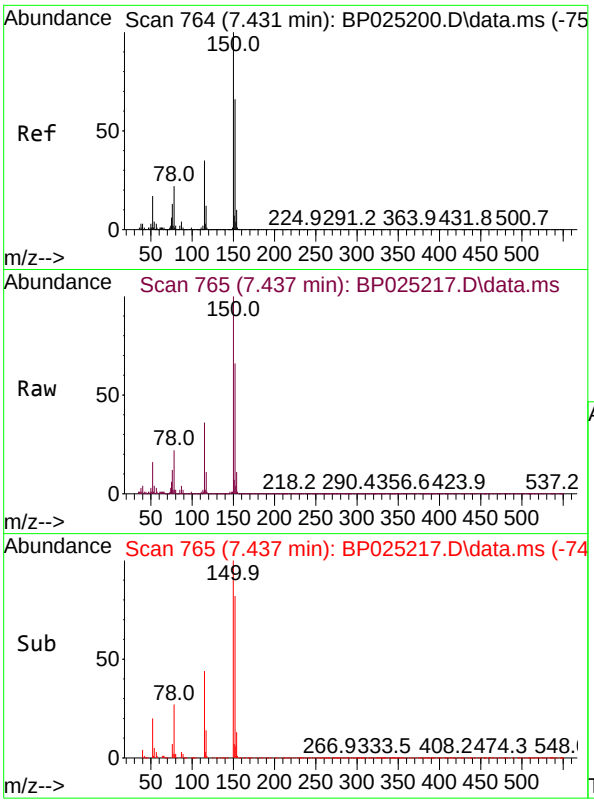
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



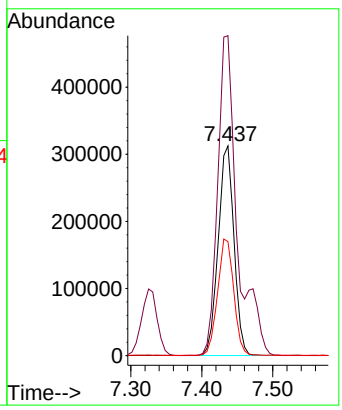


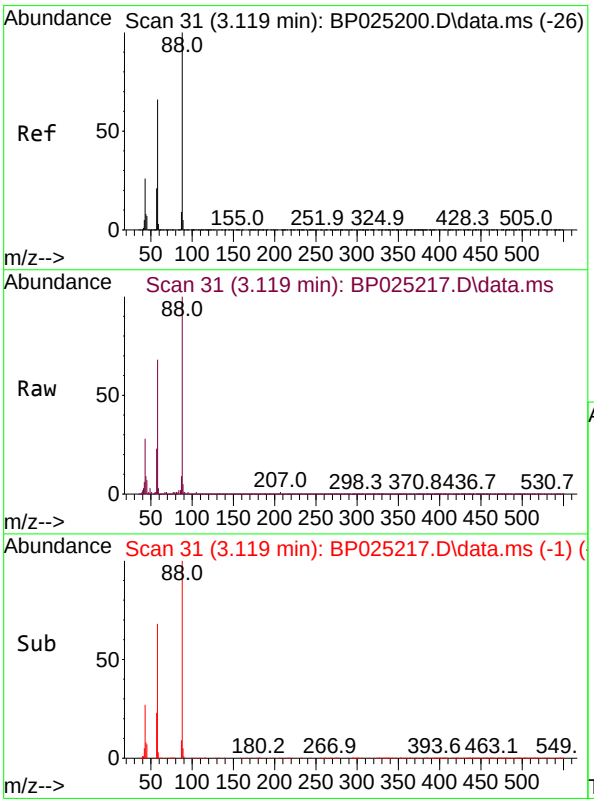
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 484805

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.9	182.9
115	54.4	43.0	64.6

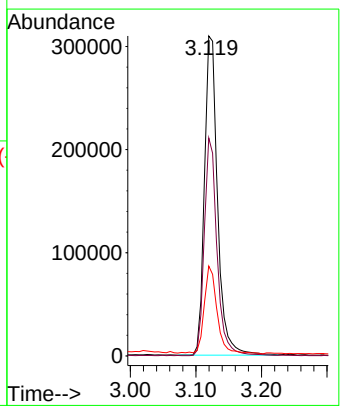


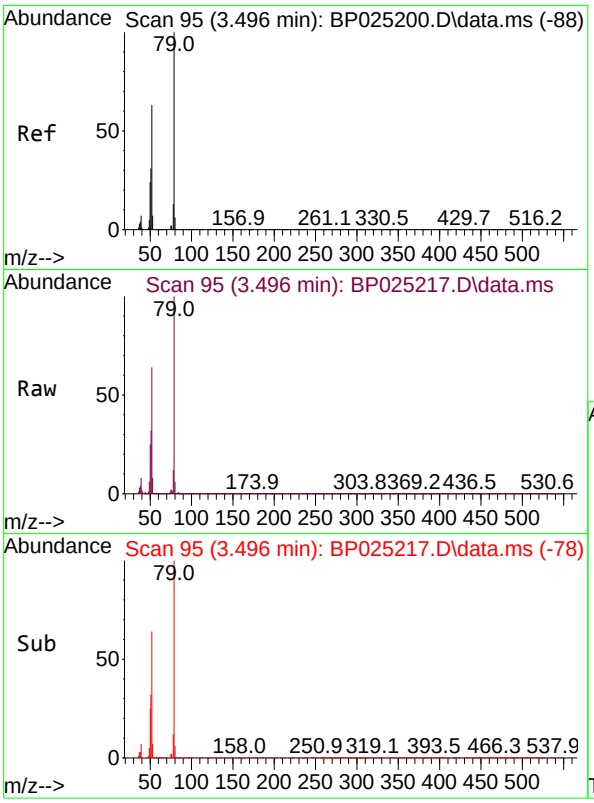


#2
1,4-Dioxane
Concen: 39.847 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 88 Resp: 428506

Ion	Ratio	Lower	Upper
88	100		
58	66.4	53.5	80.3
43	27.5	20.8	31.2



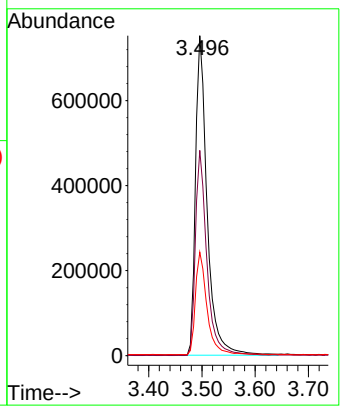


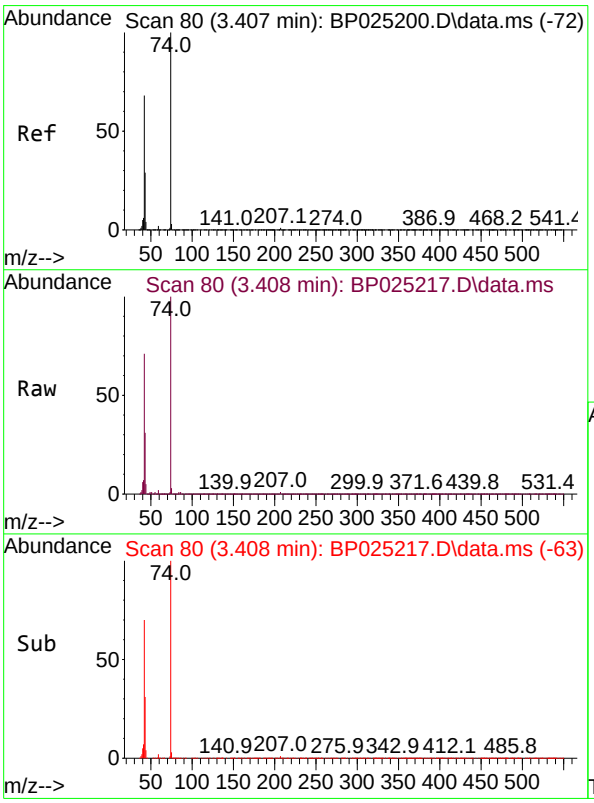
#3
Pyridine
Concen: 39.735 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 1143807

Ion	Ratio	Lower	Upper
79	100		
52	64.1	50.2	75.4
51	32.3	25.0	37.4

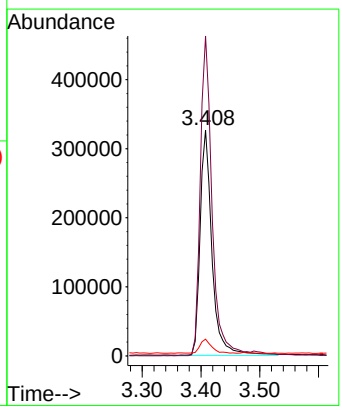


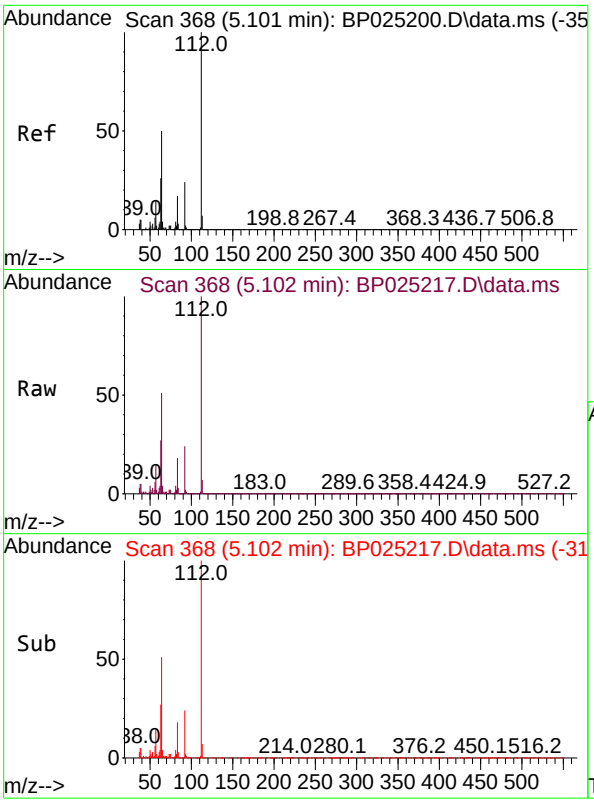


#4
n-Nitrosodimethylamine
Concen: 40.078 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 42 Resp: 457523

Ion	Ratio	Lower	Upper
42	100		
74	141.6	118.0	177.0
44	7.4	5.5	8.3



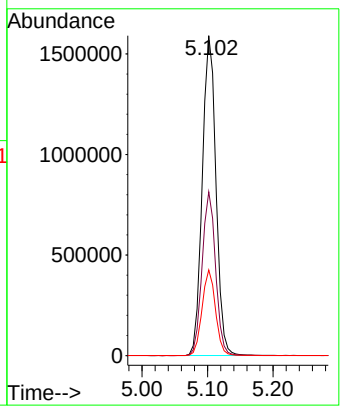


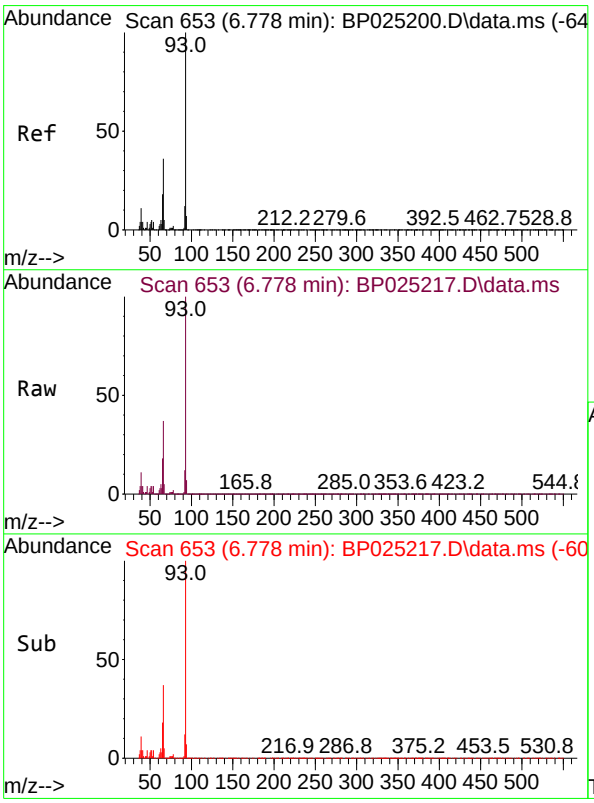
#5
2-Fluorophenol
Concen: 80.012 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 2295766

Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.8	59.6
63	26.8	20.5	30.7

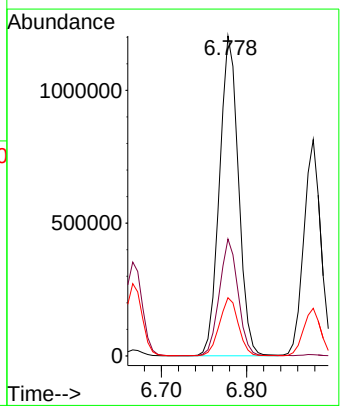


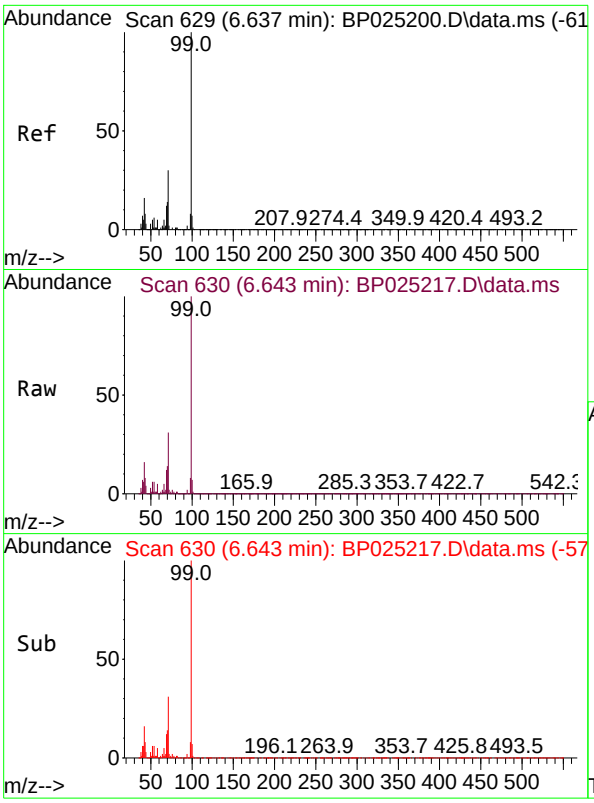


#6
Aniline
Concen: 40.138 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 93 Resp: 1864526

Ion	Ratio	Lower	Upper
93	100		
66	36.5	28.6	43.0
65	18.2	14.6	21.8



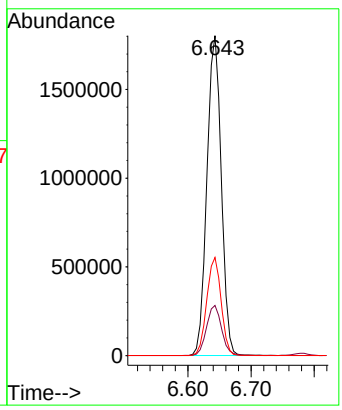


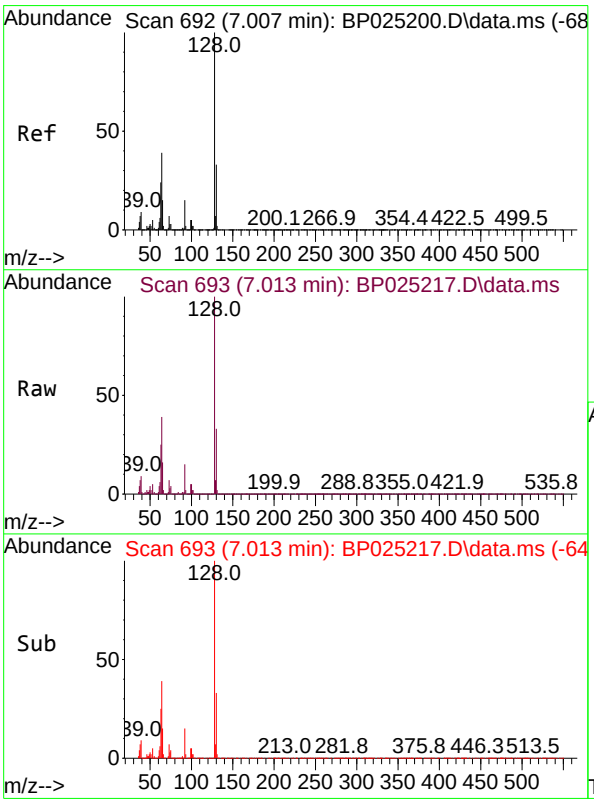
#7
Phenol-d6
Concen: 80.153 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 2848426

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.7	24.2	36.2

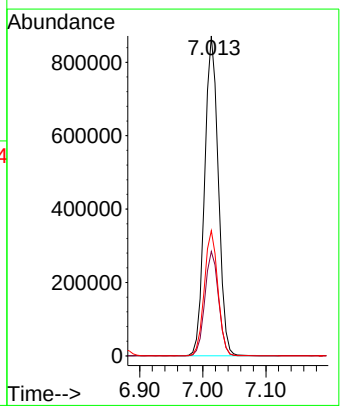


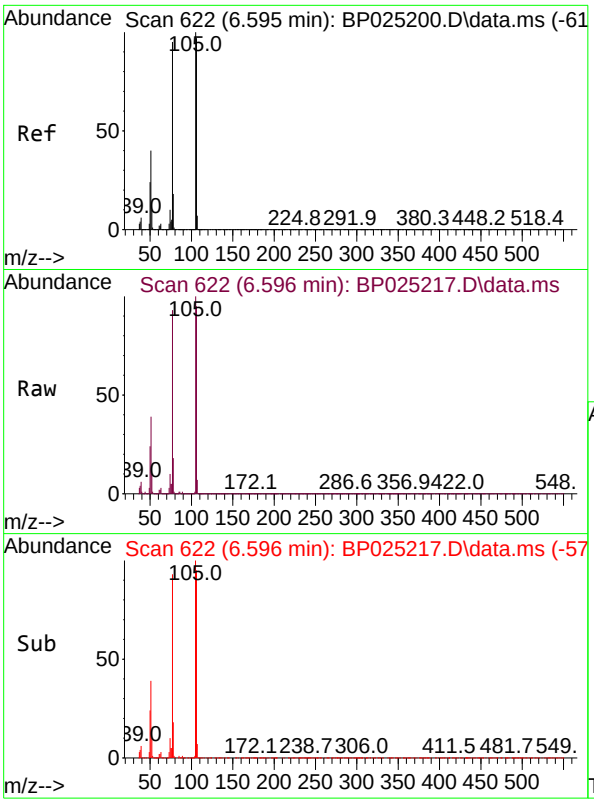


#8
2-Chlorophenol
Concen: 40.201 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:128 Resp: 1308790

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	39.1	19.2	59.2



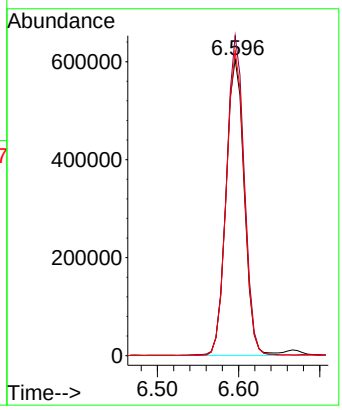


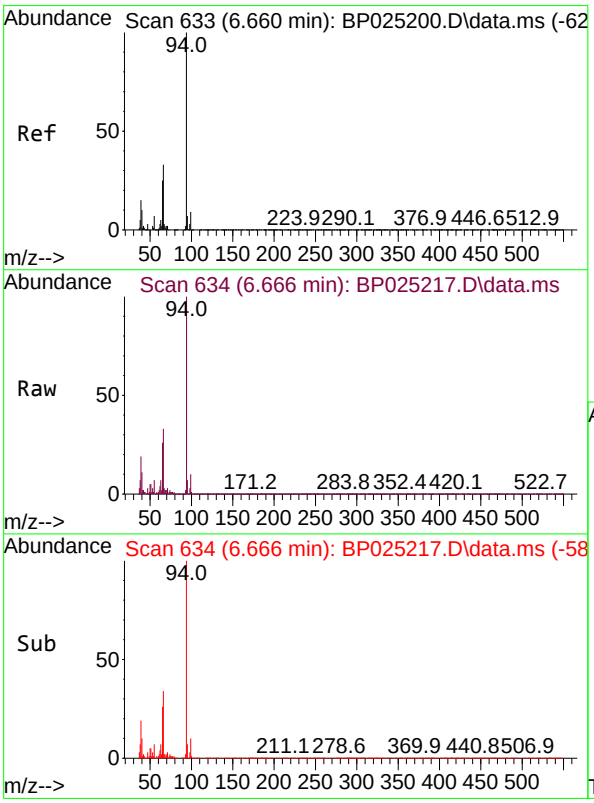
#9
Benzaldehyde
Concen: 39.238 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 945417

Ion	Ratio	Lower	Upper
77	100		
105	108.0	85.5	125.5
106	103.0	81.9	121.9

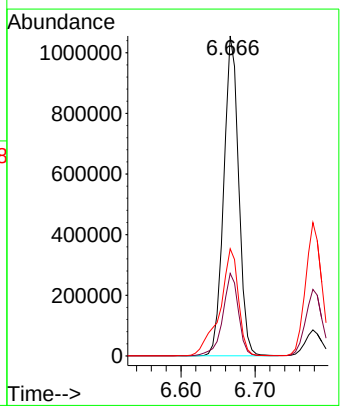


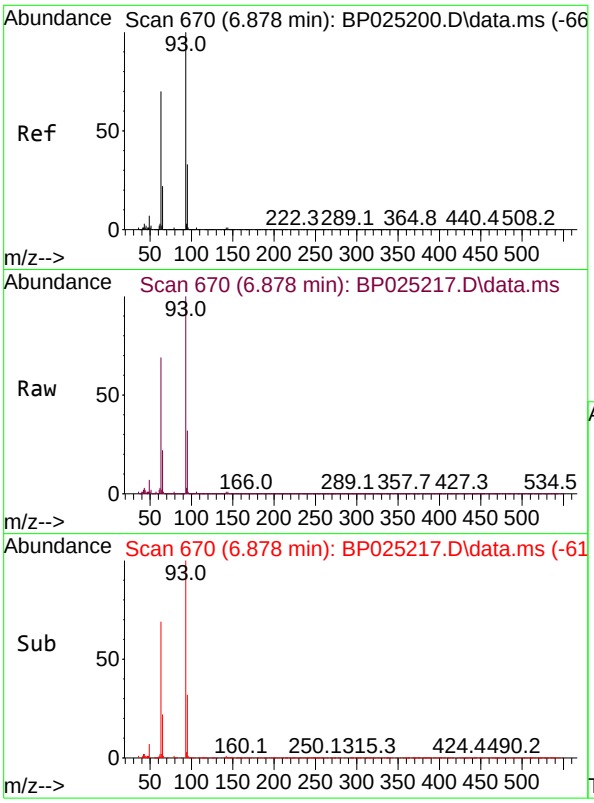


#10
Phenol
Concen: 40.065 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 94 Resp: 1476571

Ion	Ratio	Lower	Upper
94	100		
65	25.8	5.4	45.4
66	33.5	13.5	53.5



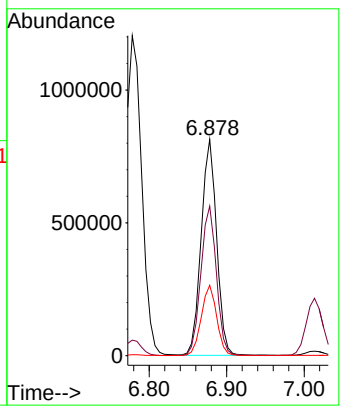


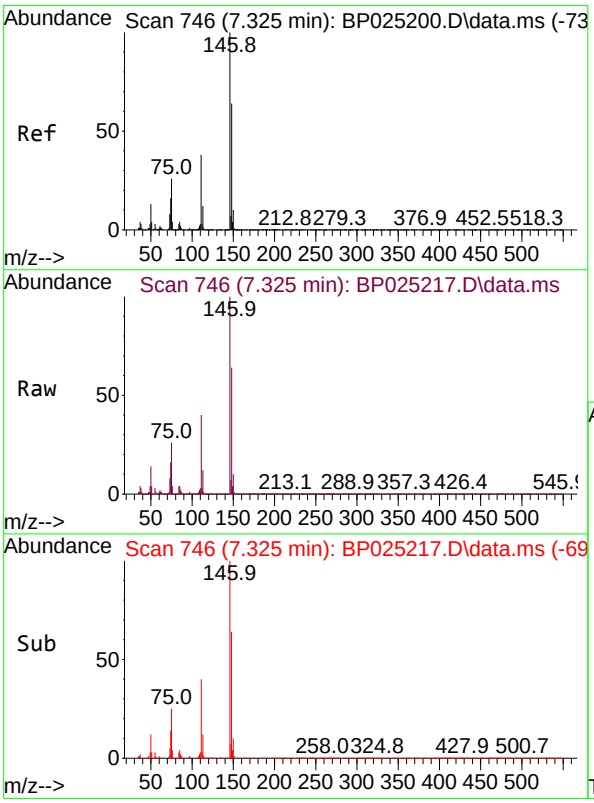
#11
bis(2-Chloroethyl)ether
Concen: 39.923 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 1128018

Ion	Ratio	Lower	Upper
93	100		
63	69.2	50.0	90.0
95	32.5	12.9	52.9

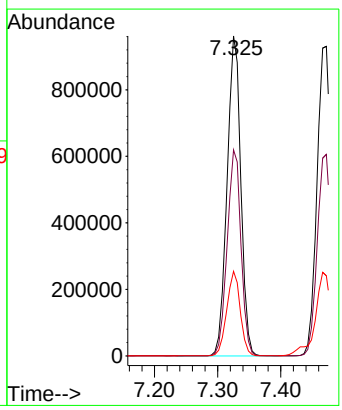


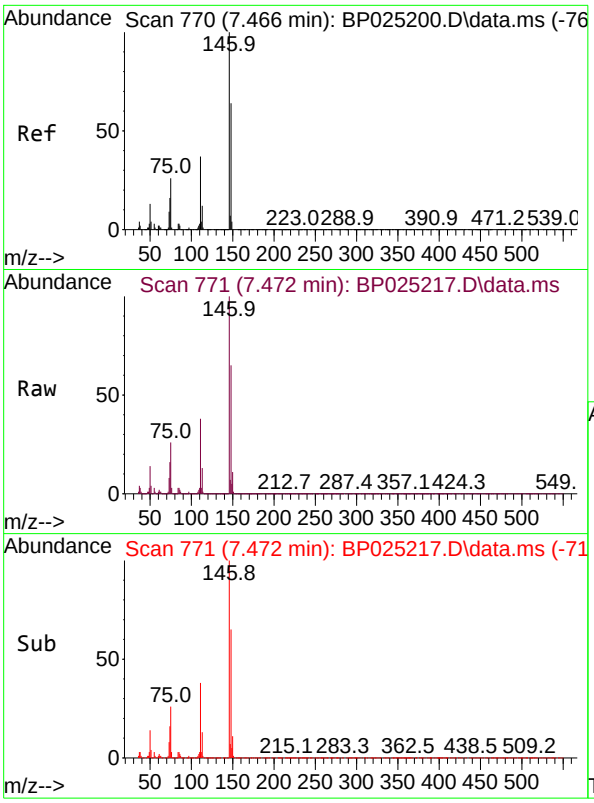


#12
1,3-Dichlorobenzene
Concen: 39.664 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:146 Resp: 1452137

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	26.4	20.6	31.0



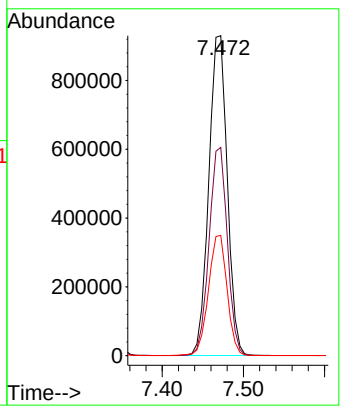


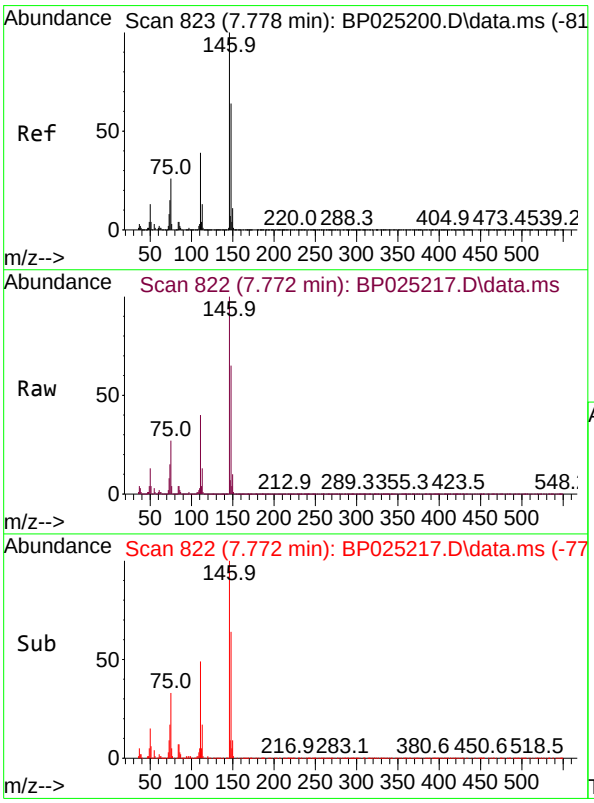
#13
1,4-Dichlorobenzene
Concen: 39.812 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 1471223

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
111	37.6	29.9	44.9

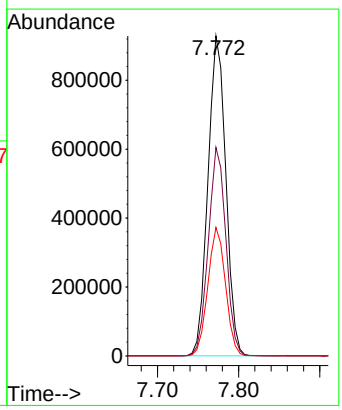


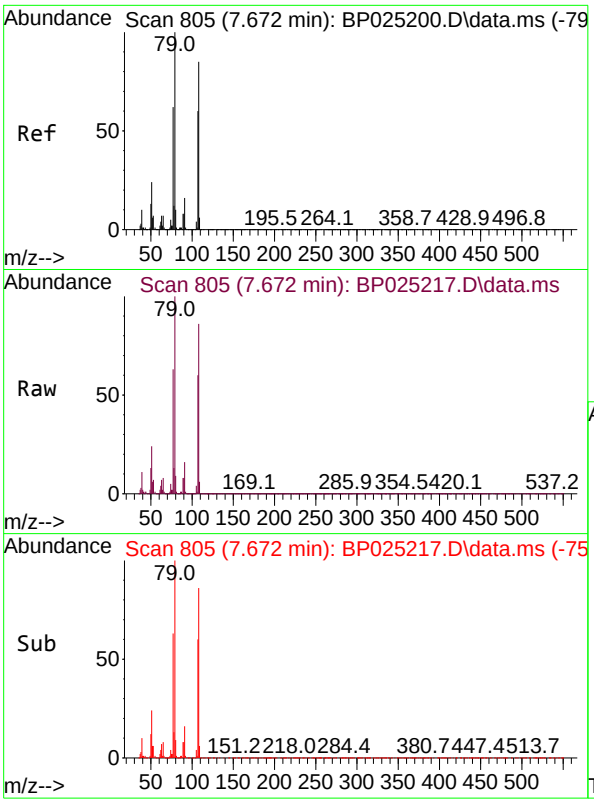


#14
1,2-Dichlorobenzene
Concen: 40.017 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:146 Resp: 1422625

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.5	77.3
111	40.1	31.3	46.9



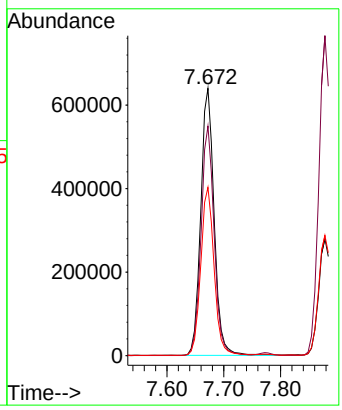


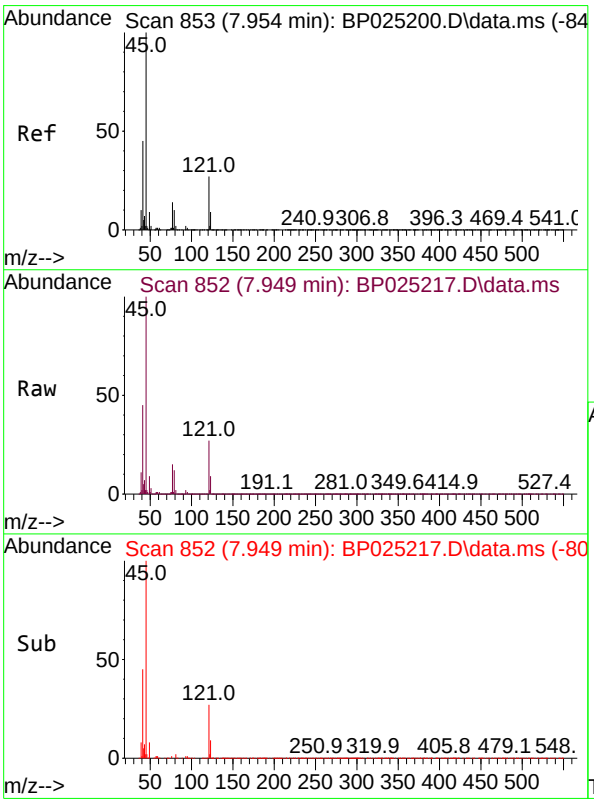
#15
Benzyl Alcohol
Concen: 40.729 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 1044047

Ion	Ratio	Lower	Upper
79	100		
108	85.9	67.8	101.6
77	63.0	49.9	74.9

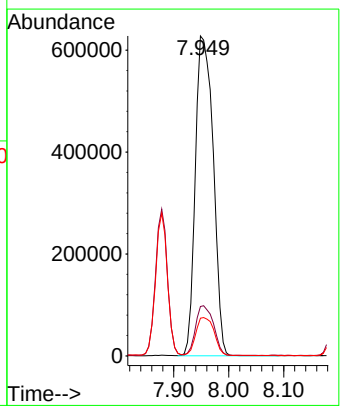


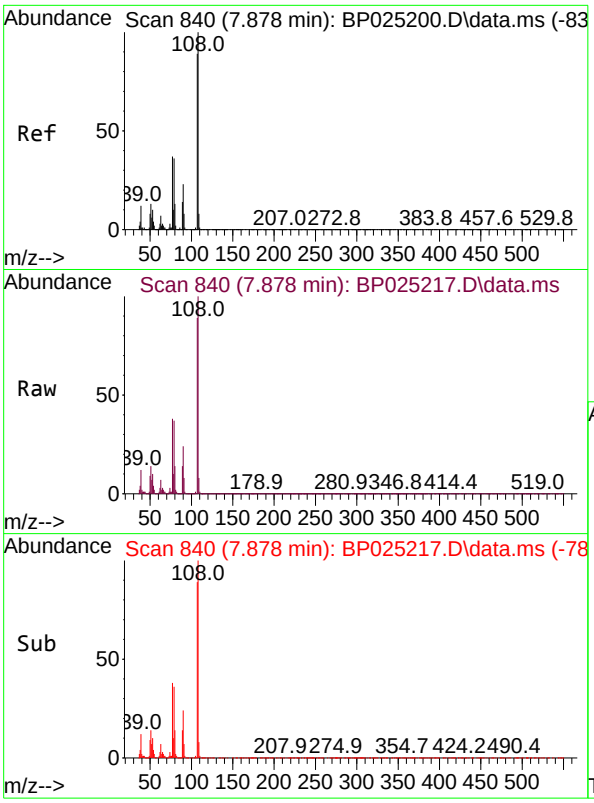


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.177 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 45 Resp: 1416363

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	36.0
79	11.8	0.0	31.7



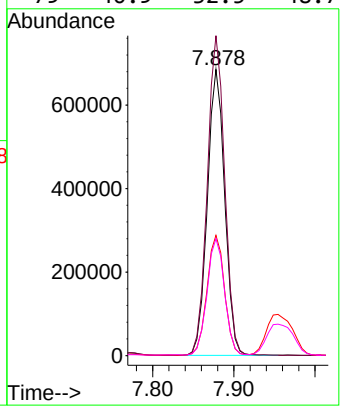


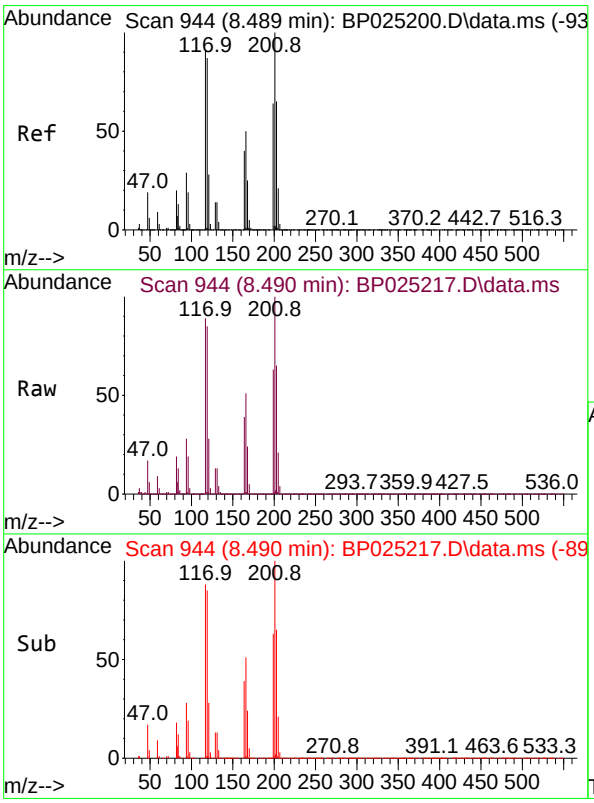
#17
2-Methylphenol
Concen: 39.964 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 1021093

Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.8
77	42.0	33.2	49.8
79	40.9	32.5	48.7

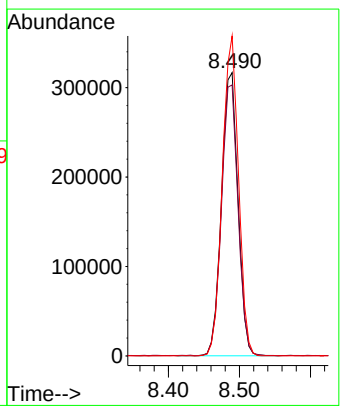


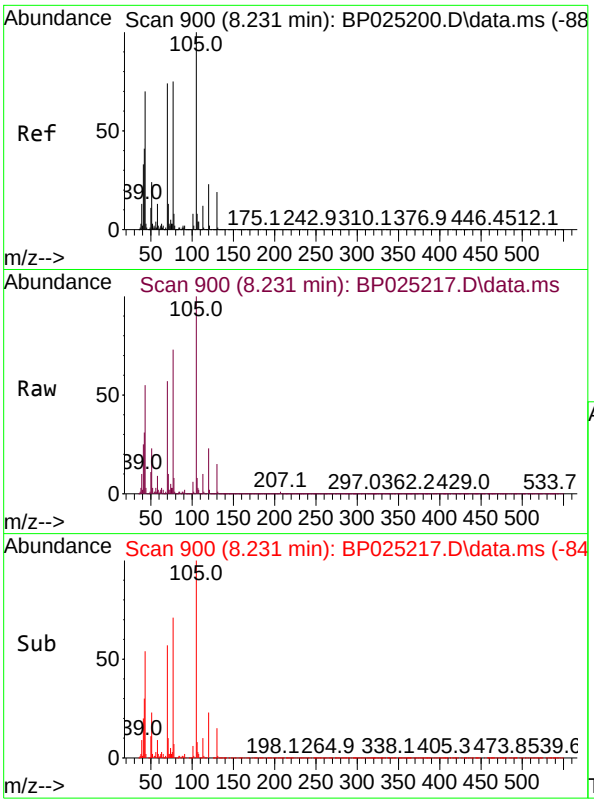


#18
Hexachloroethane
Concen: 40.407 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:117 Resp: 513517

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.6
201	112.9	88.3	132.5



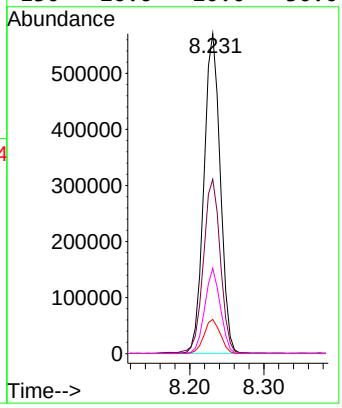


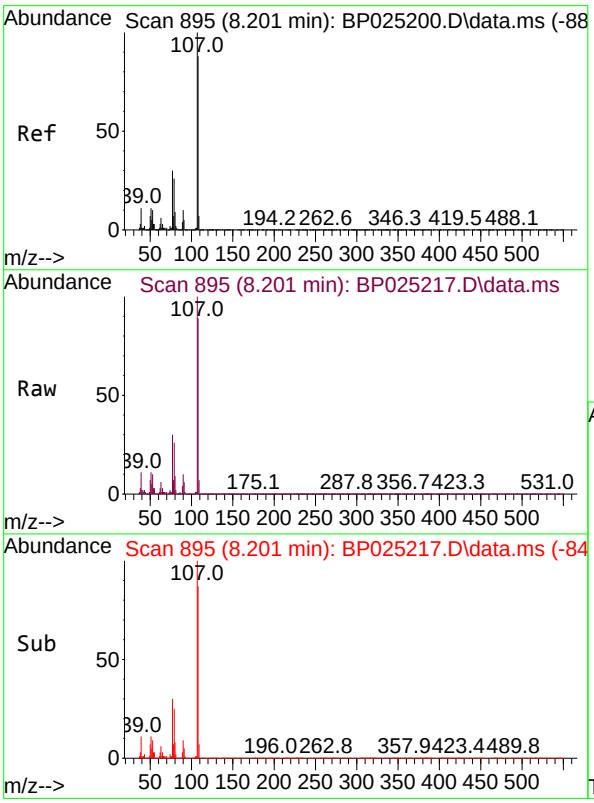
#19
n-Nitroso-di-n-propylamine
Concen: 40.909 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 874584

Ion	Ratio	Lower	Upper
70	100		
42	54.5	44.2	66.2
101	10.7	8.6	12.8
130	26.6	20.0	30.0

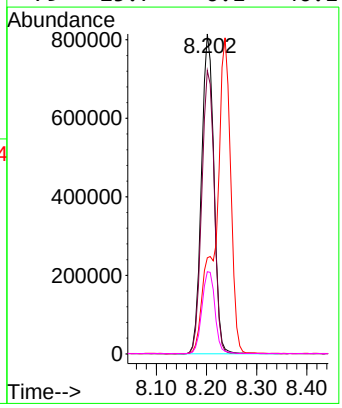


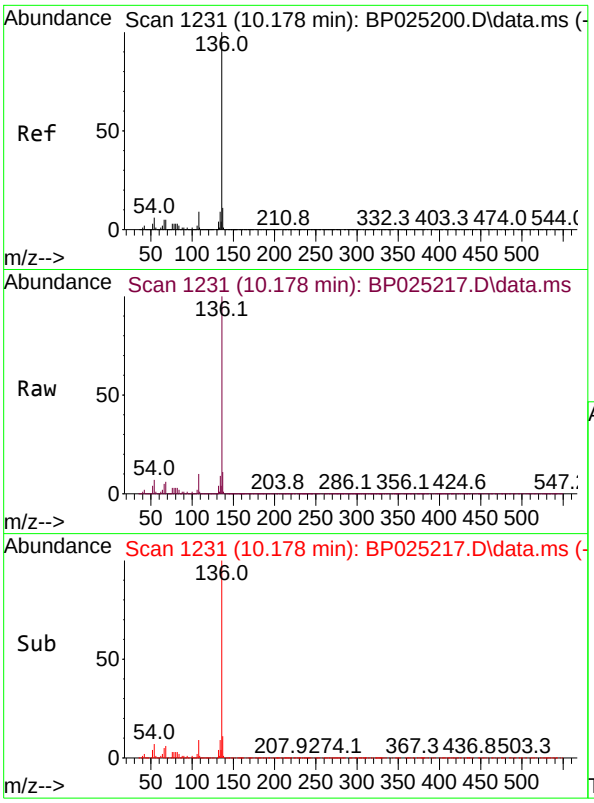


#20
3+4-Methylphenols
Concen: 40.305 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:107 Resp: 1404751

Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.8	107.8
77	30.1	10.3	50.3
79	25.7	6.1	46.1



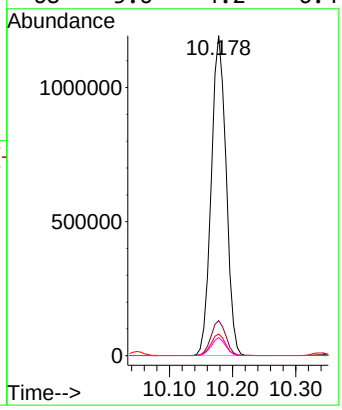


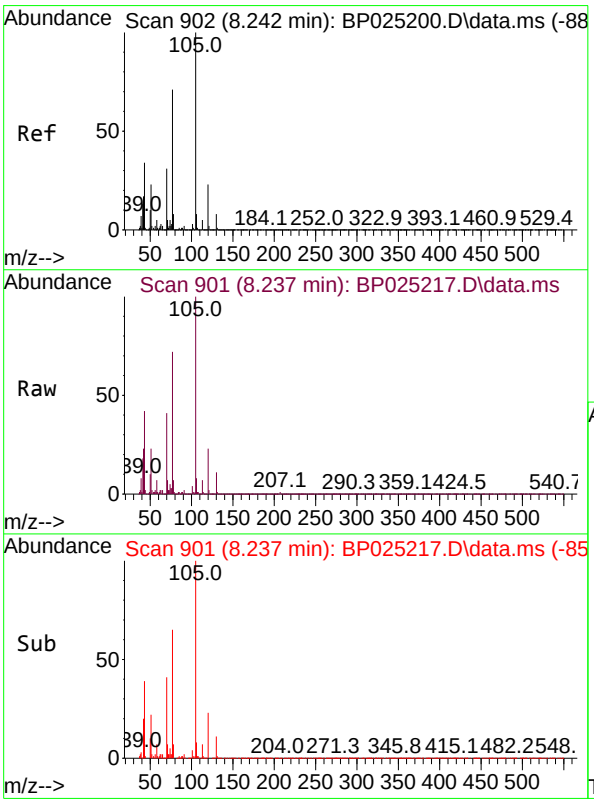
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 1949886

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.1	7.7
68	5.6	4.2	6.4

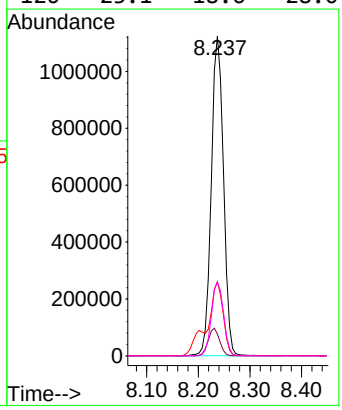


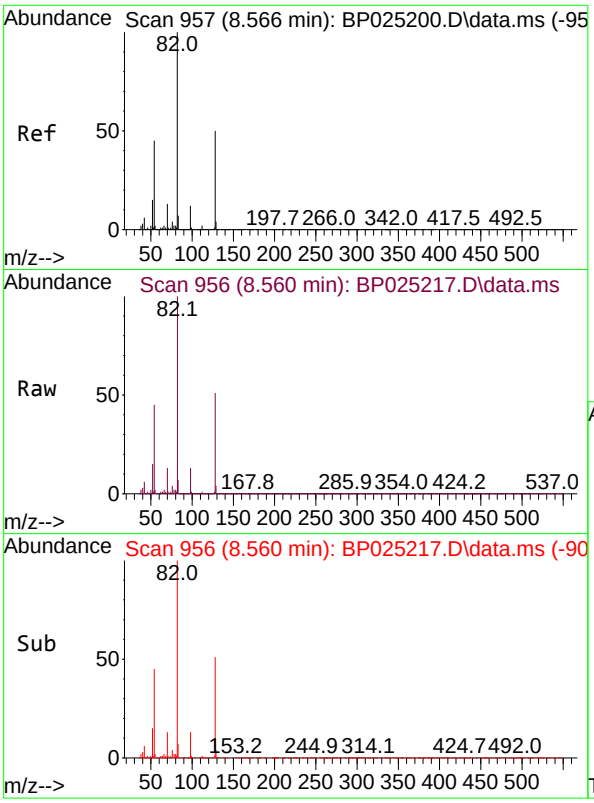


#22
Acetophenone
Concen: 40.591 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:105 Resp: 1841706

Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.1	6.1#
51	23.2	18.5	27.7
120	23.1	18.6	28.0



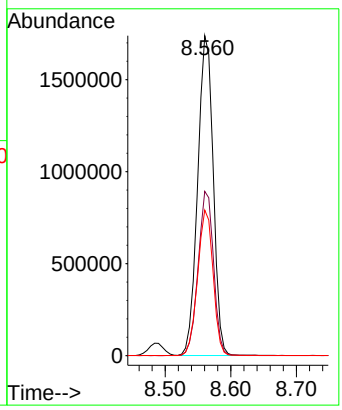


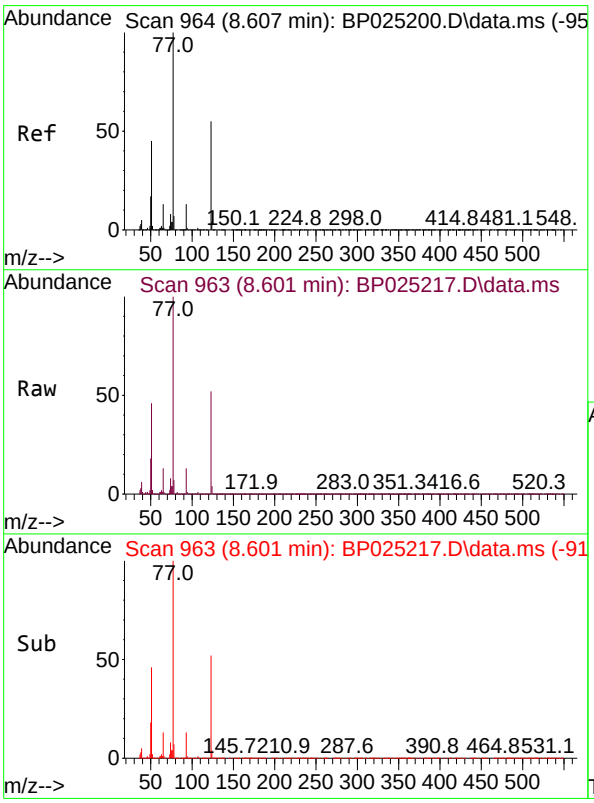
#23
Nitrobenzene-d5
Concen: 81.250 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 2850806

Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.2	60.4
54	45.5	36.3	54.5

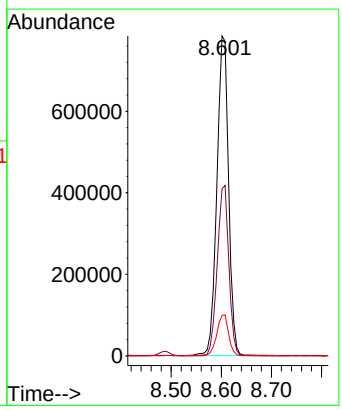


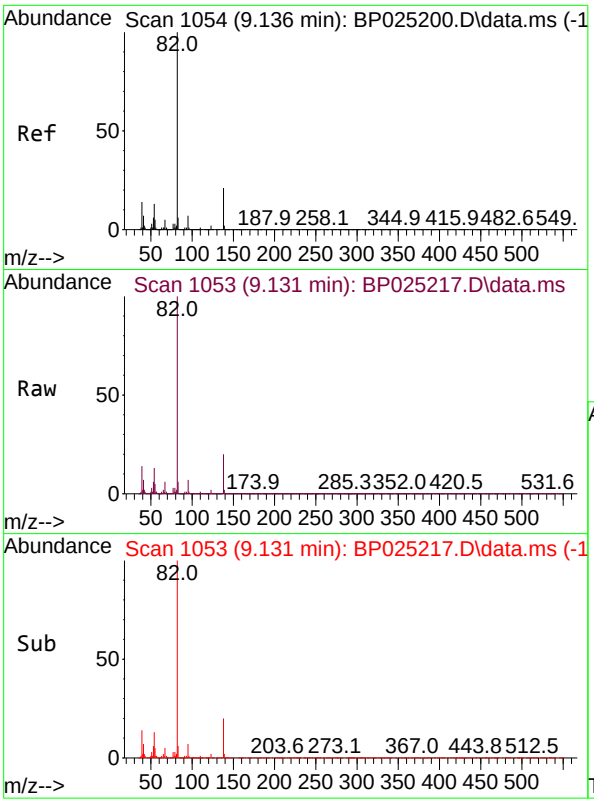


#24
Nitrobenzene
Concen: 40.551 ng
RT: 8.601 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 77 Resp: 1268326

Ion	Ratio	Lower	Upper
77	100		
123	52.2	43.6	65.4
65	12.7	10.2	15.2



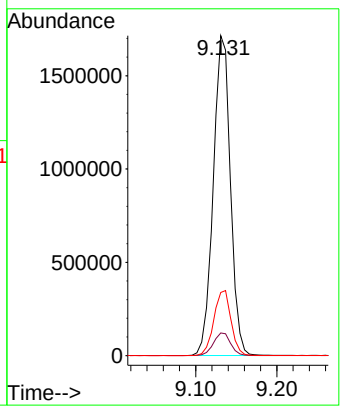


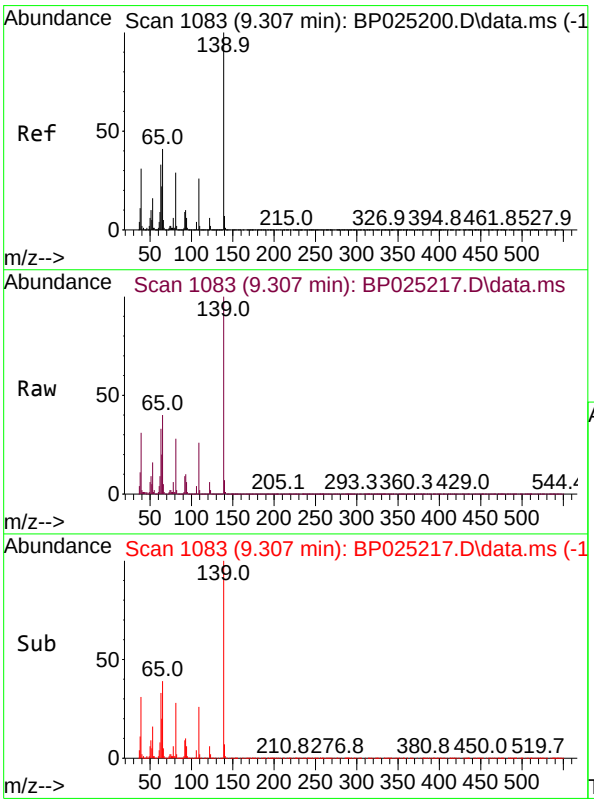
#25
Isophorone
Concen: 40.697 ng
RT: 9.131 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 2511042

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.7	16.6	25.0

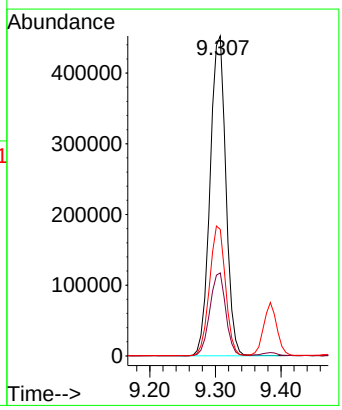


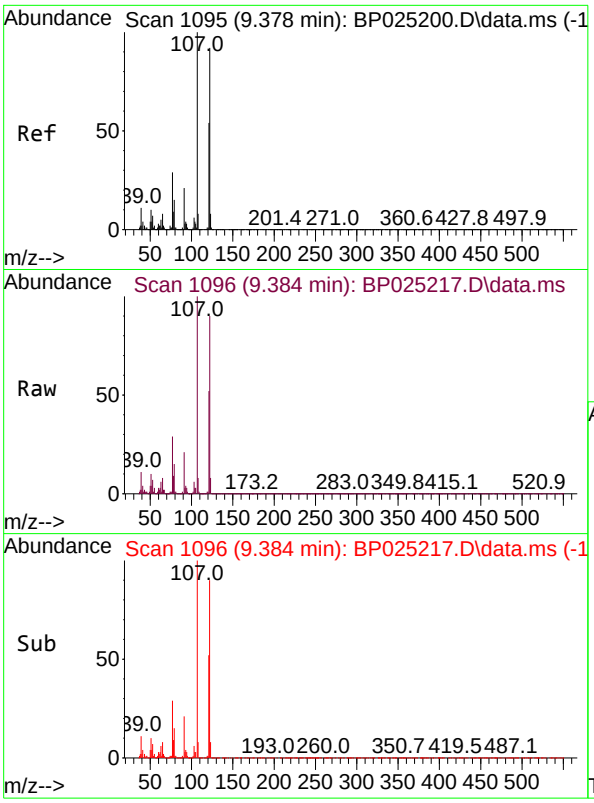


#26
2-Nitrophenol
Concen: 42.134 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:139 Resp: 756773

Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.0	31.6
65	39.5	32.7	49.1



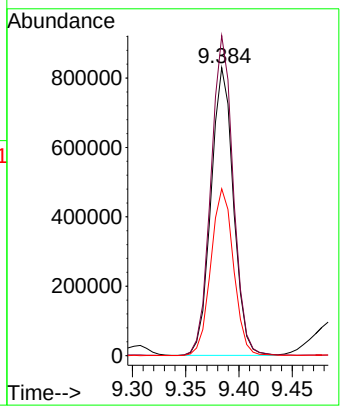


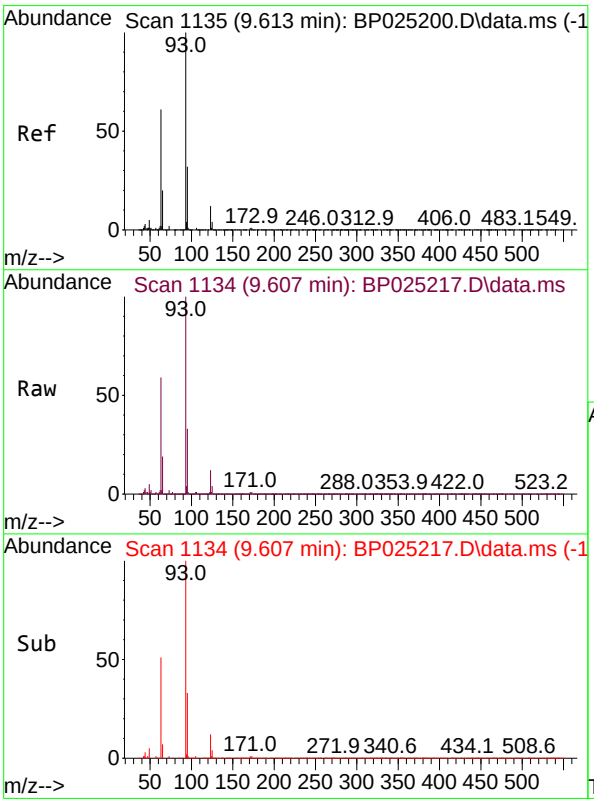
#27
2,4-Dimethylphenol
Concen: 40.594 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 1220037

Ion	Ratio	Lower	Upper
122	100		
107	111.2	87.0	130.4
121	58.0	46.7	70.1

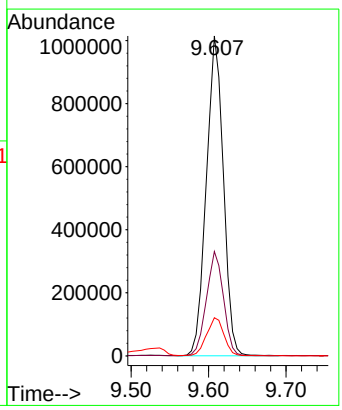


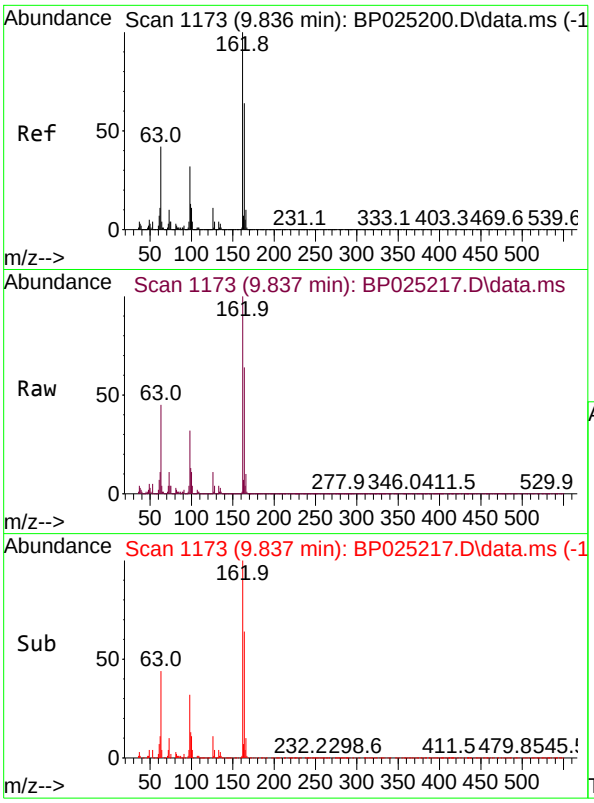


#28
bis(2-Chloroethoxy)methane
Concen: 40.143 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 93 Resp: 1549265

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	11.9	9.8	14.6



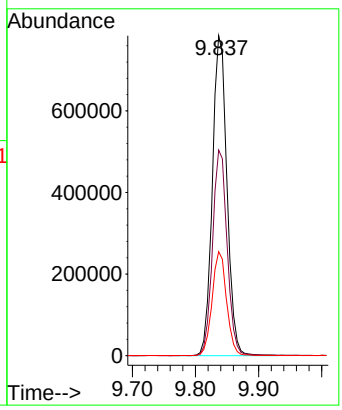


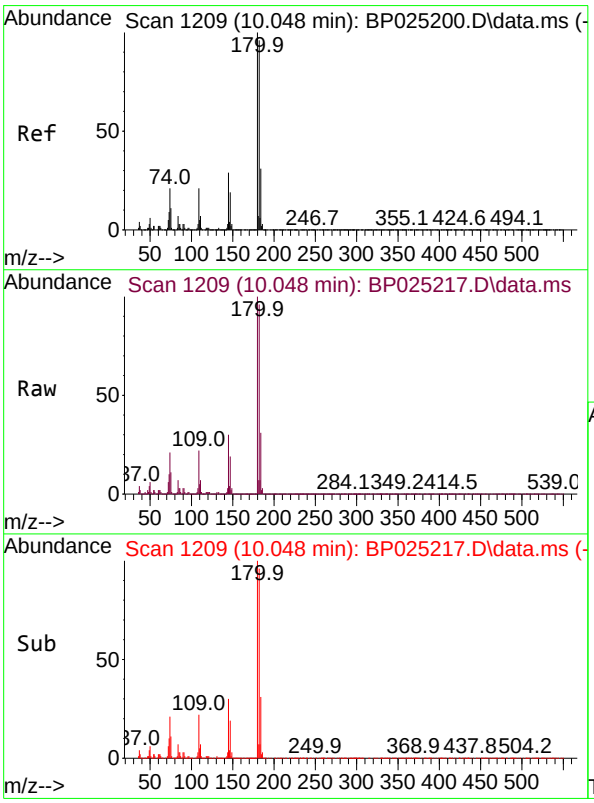
#29
2,4-Dichlorophenol
Concen: 40.789 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 1259414

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	32.5	11.7	51.7

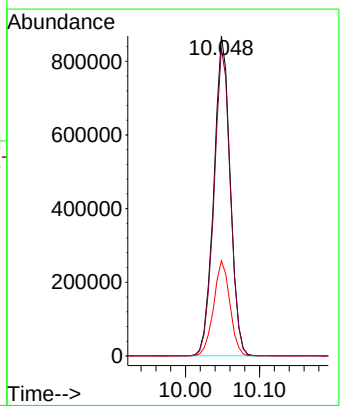


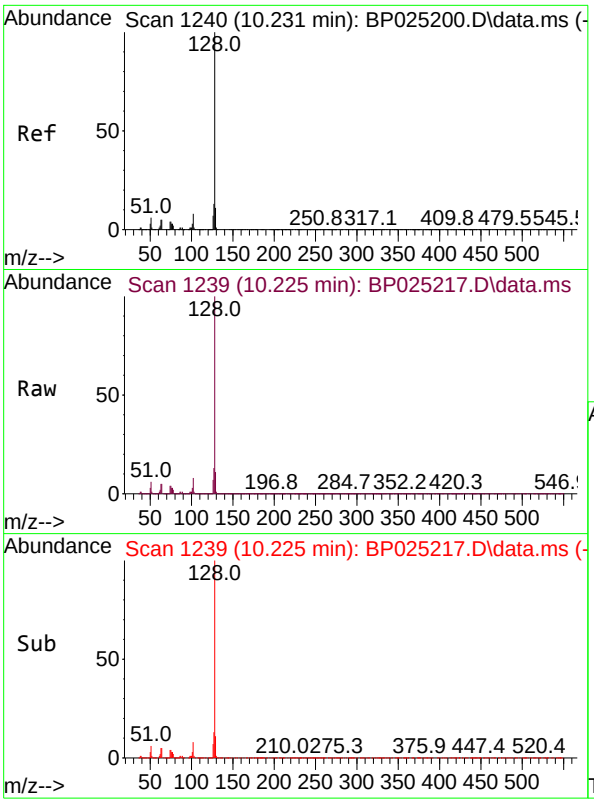


#30
1,2,4-Trichlorobenzene
Concen: 39.591 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:180 Resp: 1335187

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
145	29.7	23.5	35.3



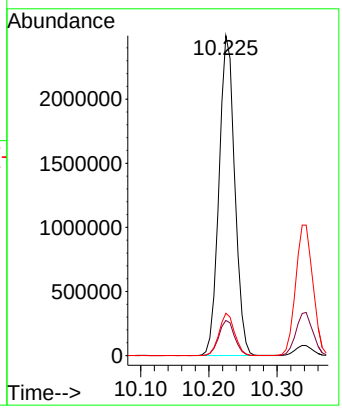


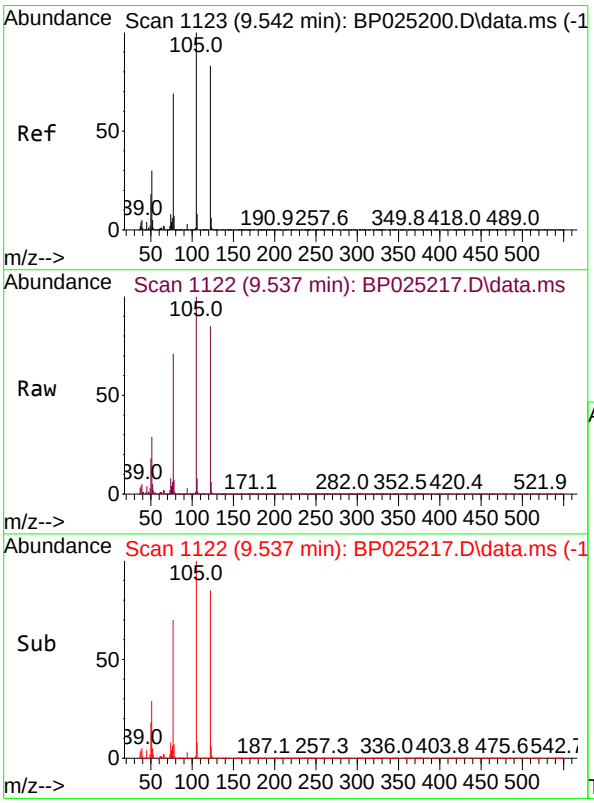
#31
Naphthalene
Concen: 39.855 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 3976670

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.4	15.6

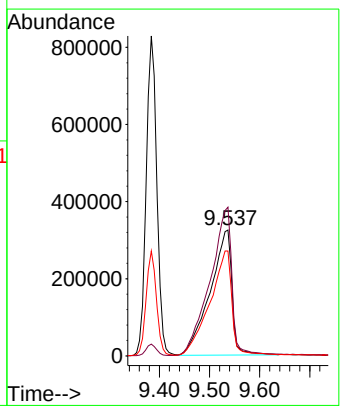


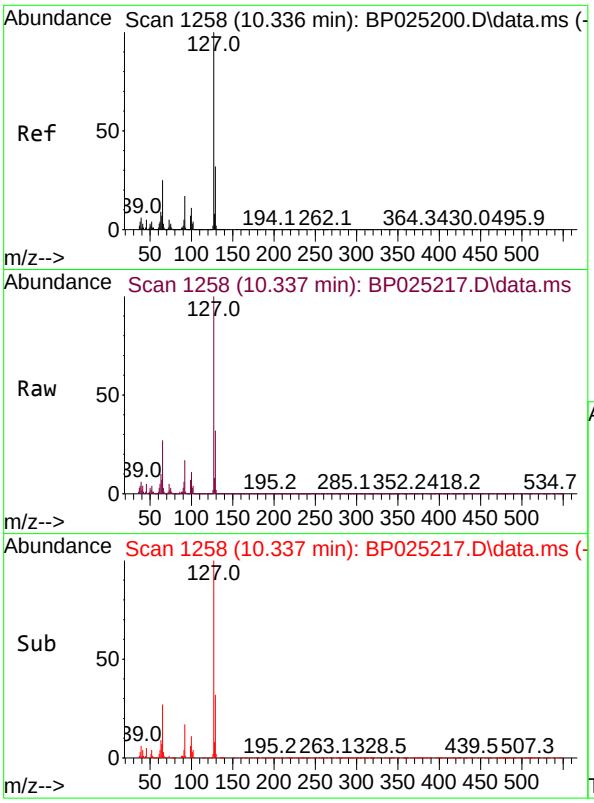


#32
Benzoic acid
Concen: 42.757 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:122 Resp: 981015

Ion	Ratio	Lower	Upper
122	100		
105	118.3	98.1	138.1
77	83.5	62.7	102.7



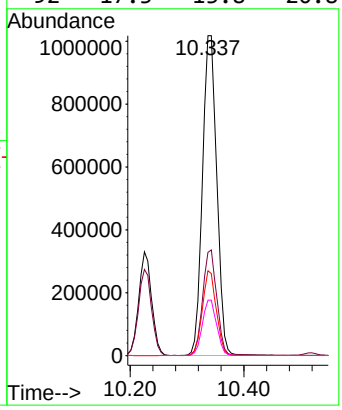


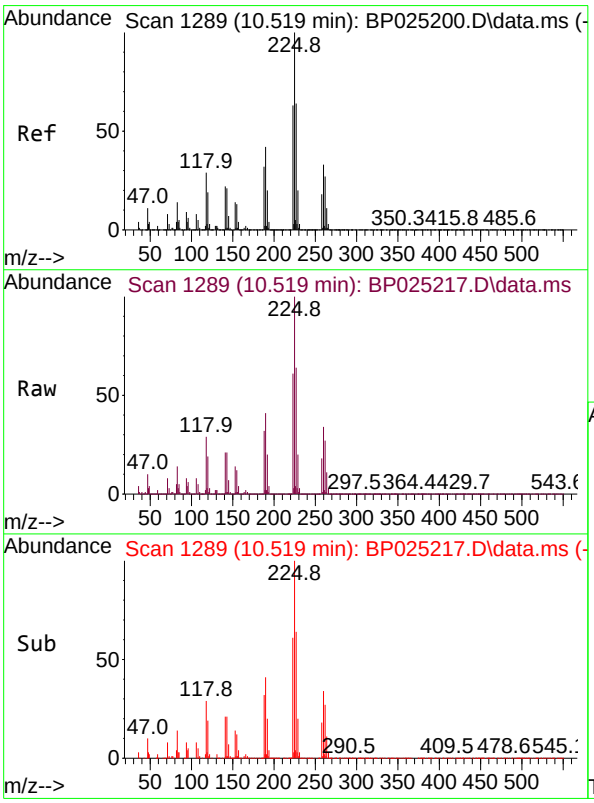
#33
4-Chloroaniline
Concen: 40.770 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 1788185

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.5	20.2	30.4
92	17.3	13.8	20.8

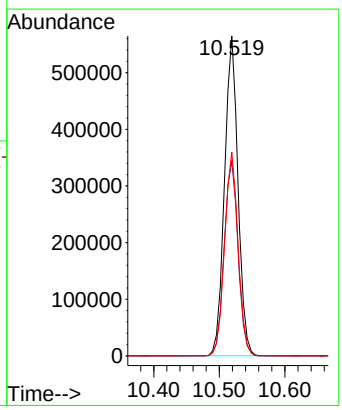


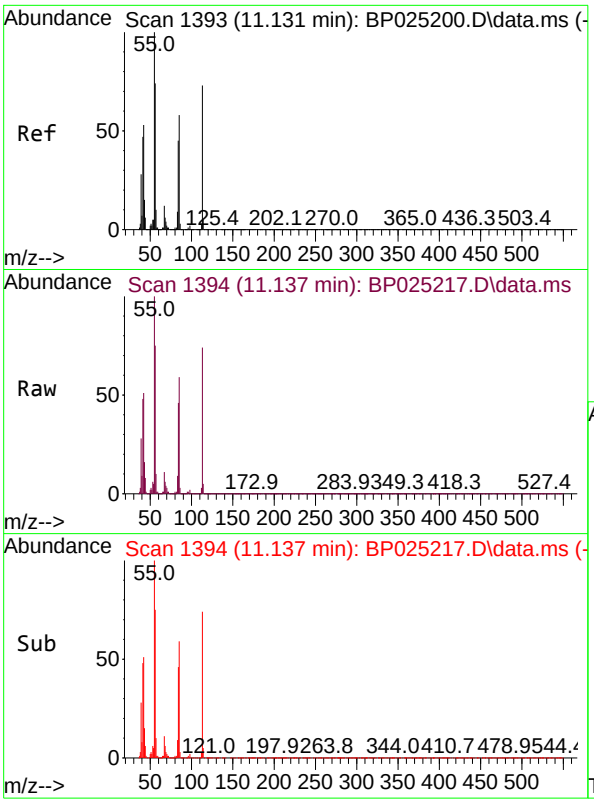


#34
Hexachlorobutadiene
Concen: 39.867 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:225 Resp: 809228

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.1	75.1
227	63.7	51.4	77.0



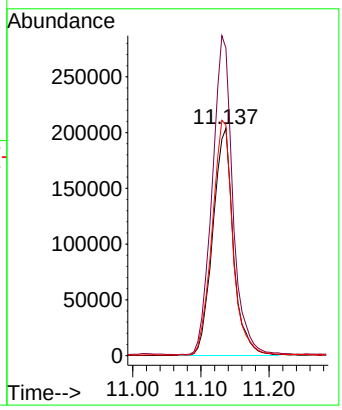


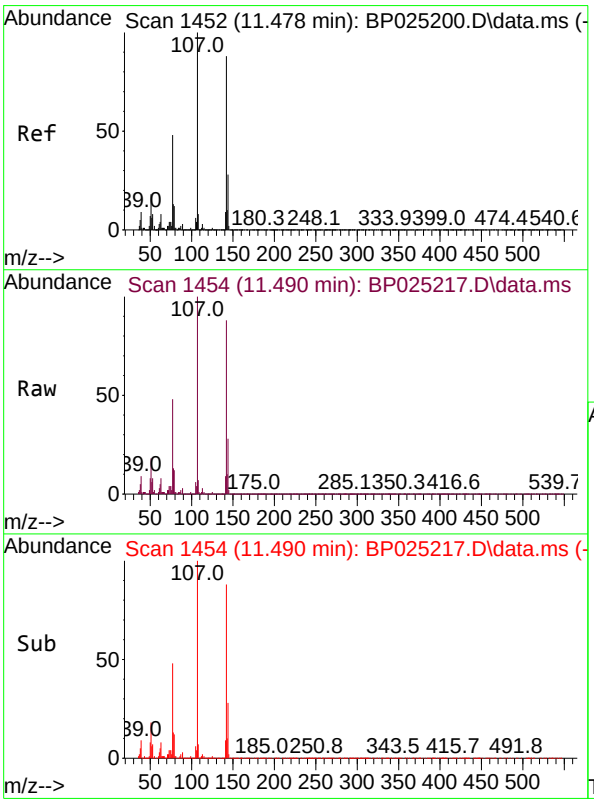
#35
Caprolactam
Concen: 41.409 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 424342

Ion	Ratio	Lower	Upper
113	100		
55	135.4	117.6	157.6
56	101.6	82.4	122.4

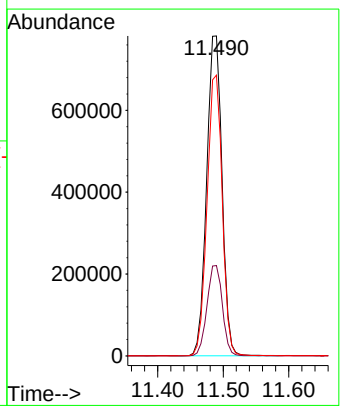


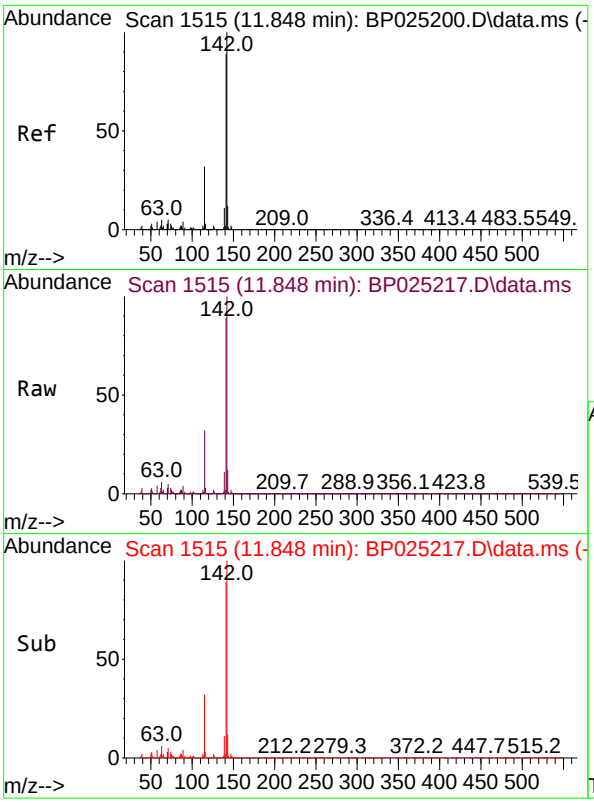


#36
4-Chloro-3-methylphenol
Concen: 41.129 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:107 Resp: 1269467

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.5	33.7
142	87.7	70.6	105.8



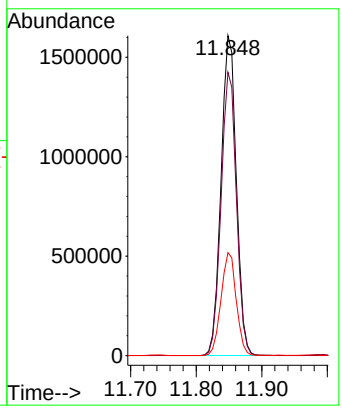


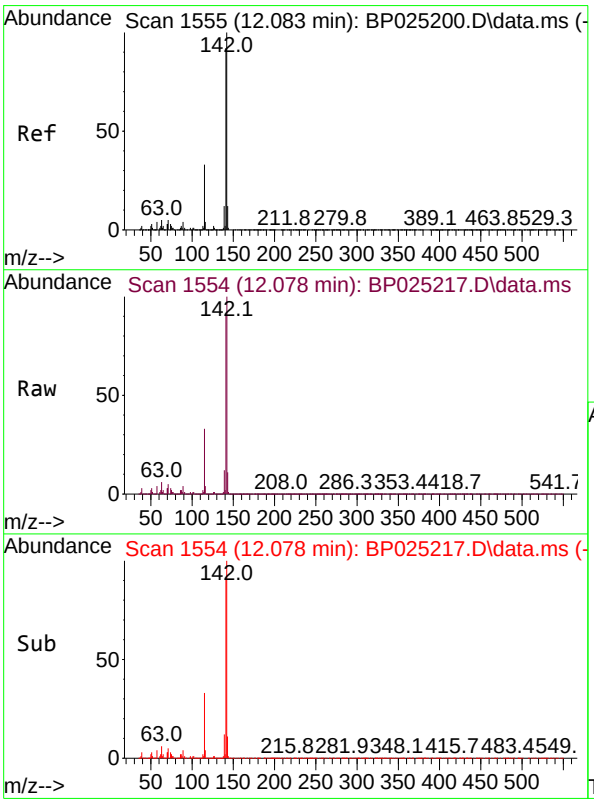
#37
2-Methylnaphthalene
Concen: 40.308 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 2611585

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8
115	32.2	25.3	37.9

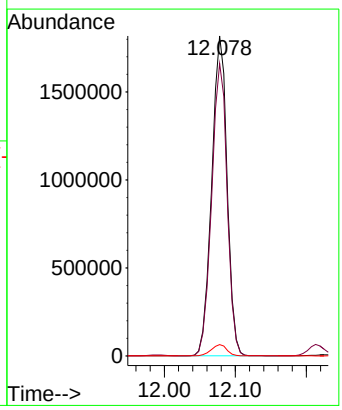


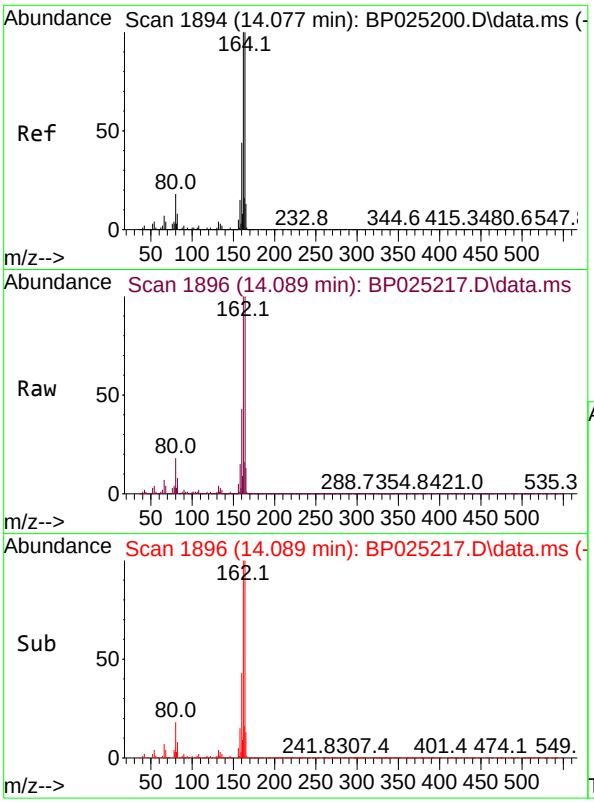


#38
1-Methylnaphthalene
Concen: 40.228 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:142 Resp: 2737847

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.8	110.8
116	3.5	2.8	4.2



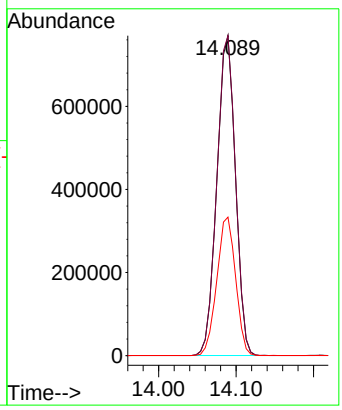


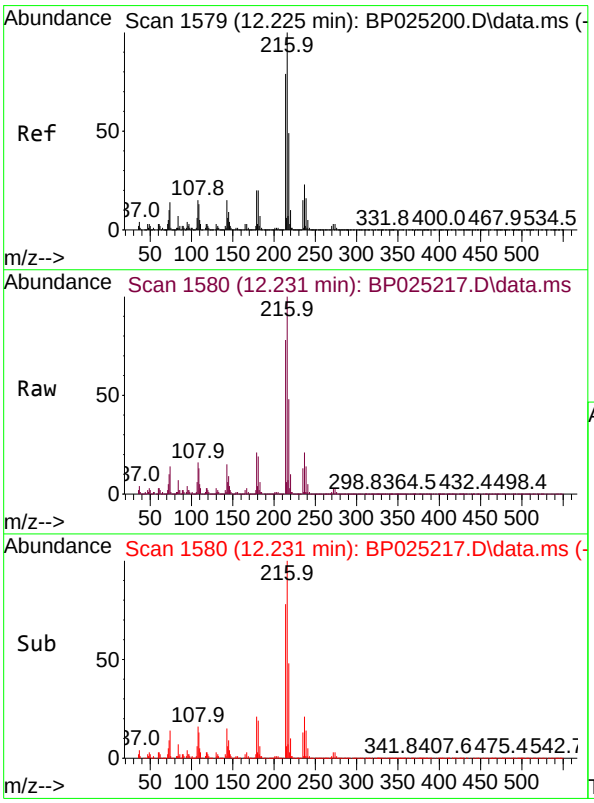
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 18
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 1283190

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.3	120.5
160	43.3	35.7	53.5

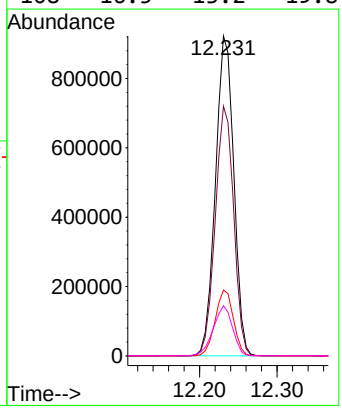


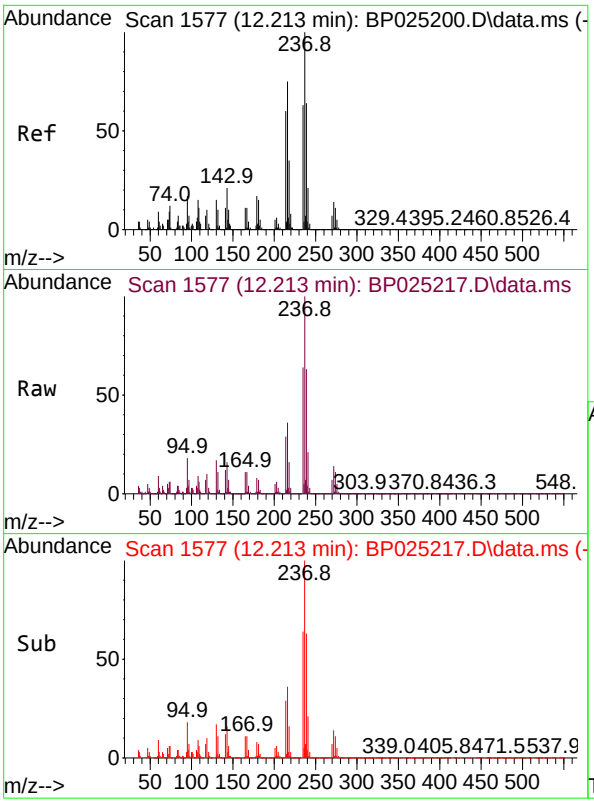


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.457 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:216 Resp: 1517651

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.7	94.1
179	20.4	16.2	24.4
108	16.5	13.2	19.8



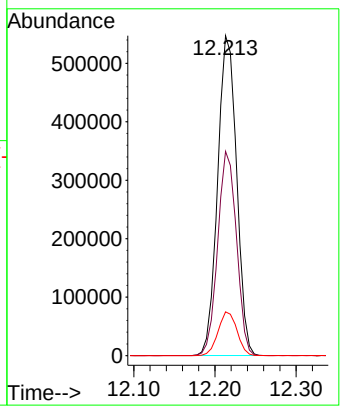


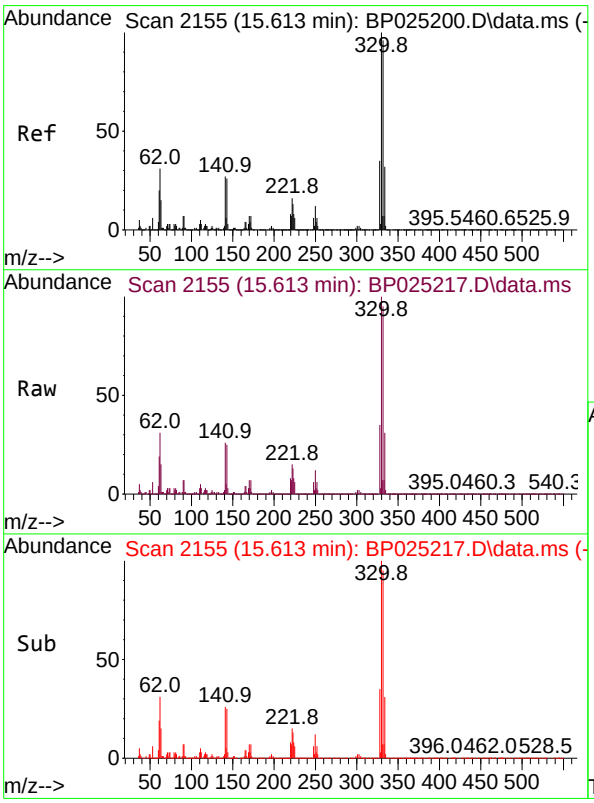
#41
Hexachlorocyclopentadiene
Concen: 38.668 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 887835

Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.7	82.7
272	13.7	0.0	33.6

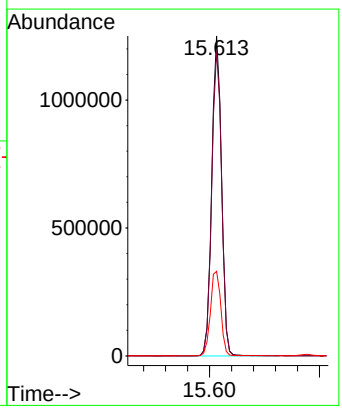


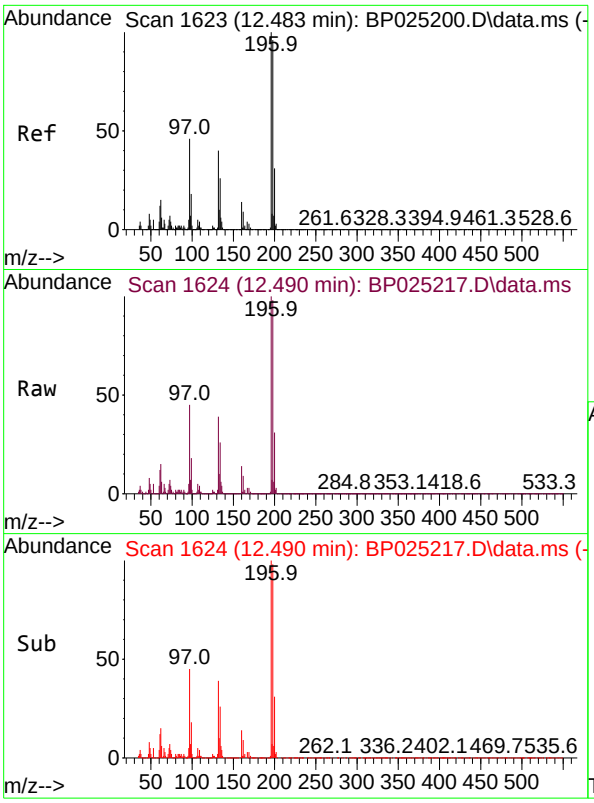


#42
2,4,6-Tribromophenol
Concen: 81.460 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:330 Resp: 1540989

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	28.2	22.4	33.6



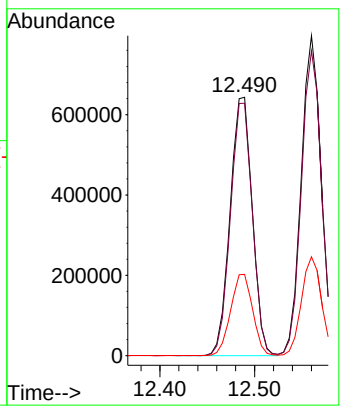


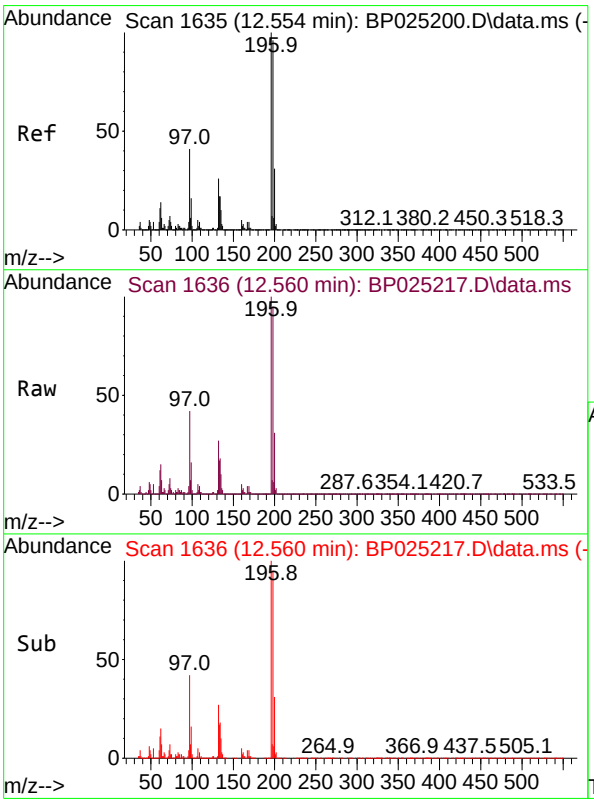
#43
2,4,6-Trichlorophenol
Concen: 39.950 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 1049931

Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.6	114.8
200	31.5	24.7	37.1

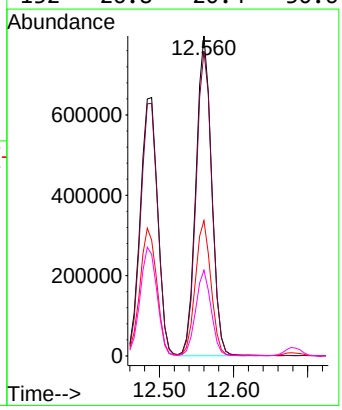


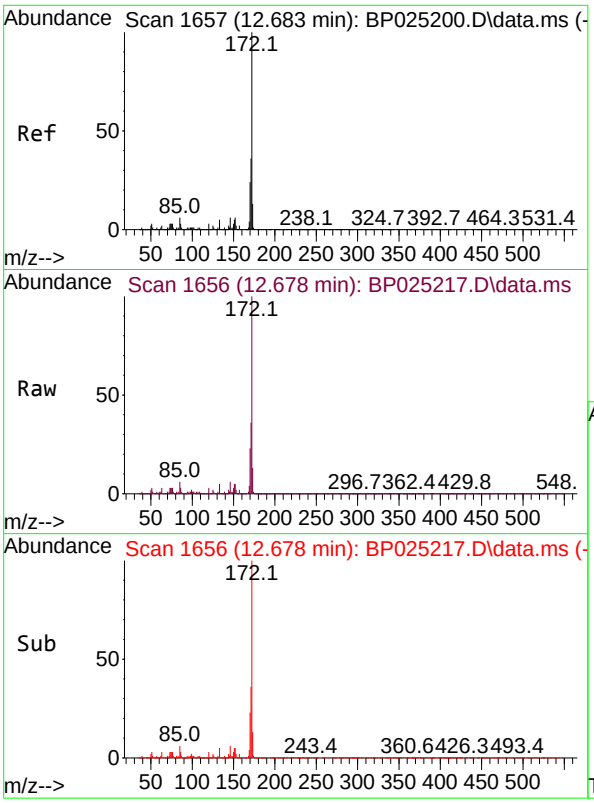


#44
2,4,5-Trichlorophenol
Concen: 40.430 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:196 Resp: 1169262

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.7	115.1
97	42.3	33.0	49.4
132	26.8	20.4	30.6



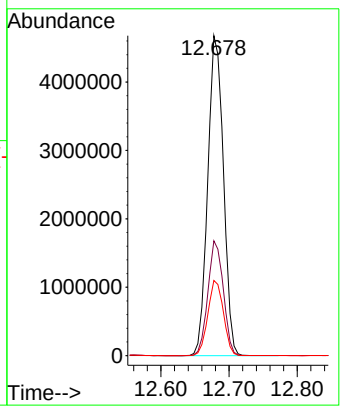


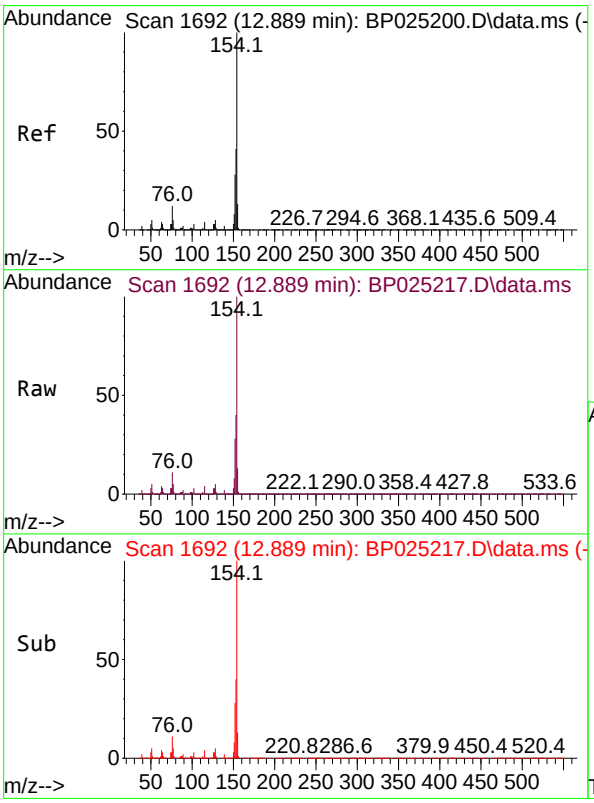
#45
2-Fluorobiphenyl
Concen: 82.022 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 7465526

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.5	19.2	28.8

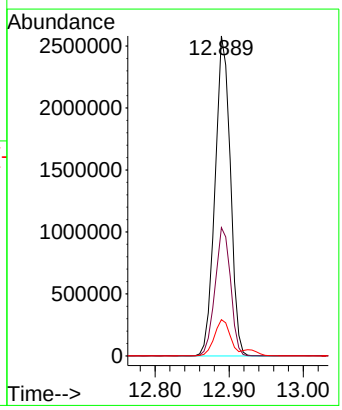


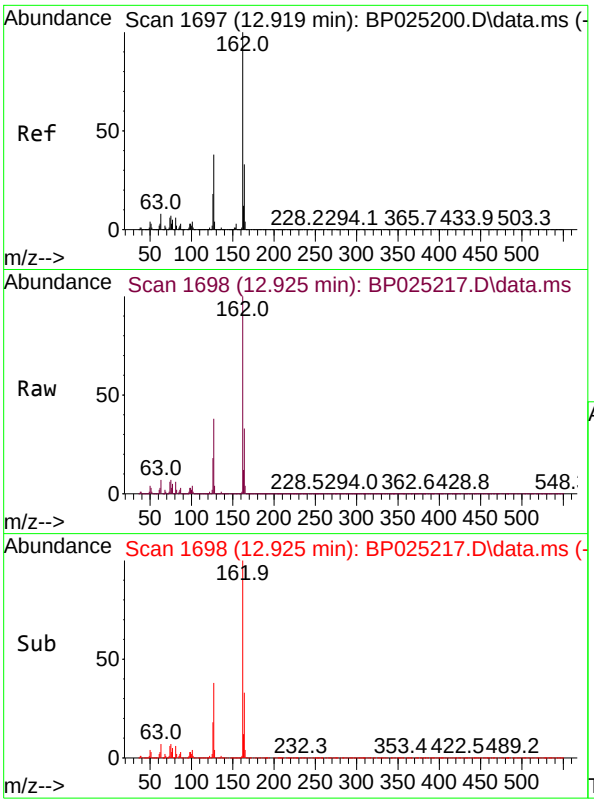


#46
1,1'-Biphenyl
Concen: 39.821 ng
RT: 12.889 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:154 Resp: 3704215

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	11.3	0.0	31.6



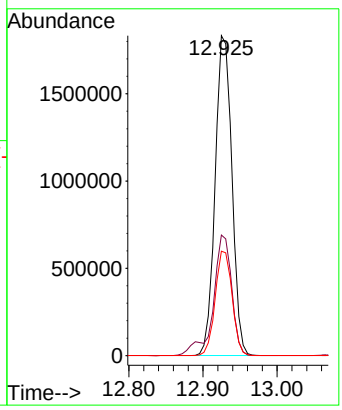


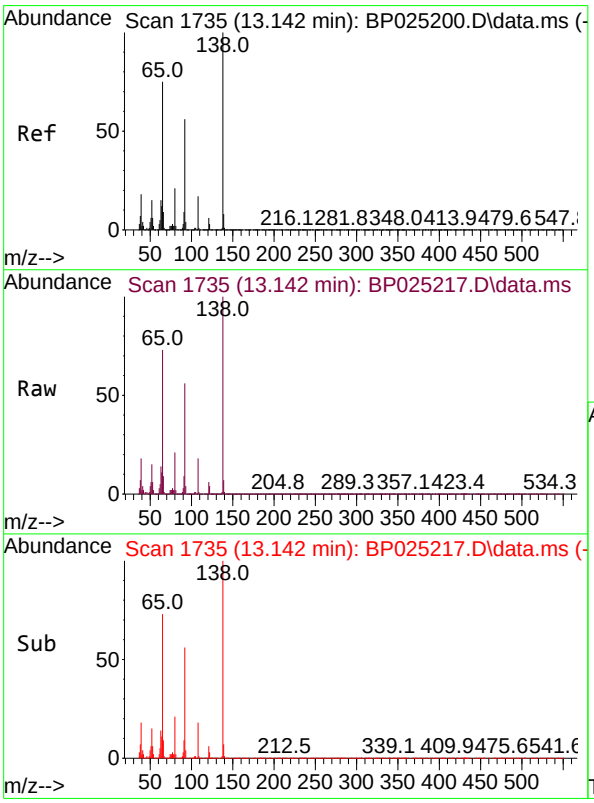
#47
2-Chloronaphthalene
Concen: 39.634 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 2878391

Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.1	45.1
164	32.6	26.5	39.7

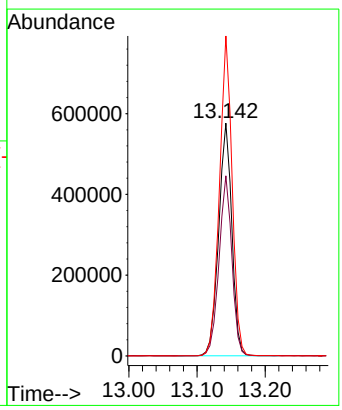


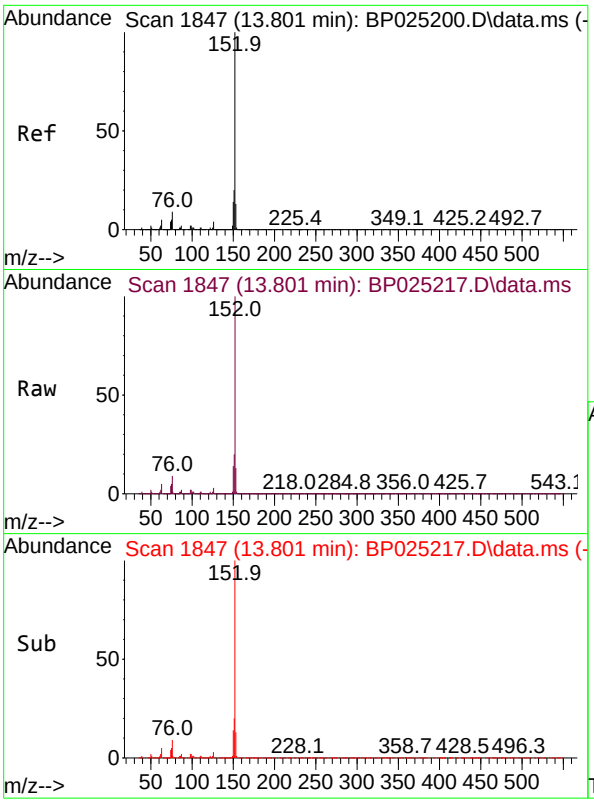


#48
2-Nitroaniline
Concen: 41.364 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 65 Resp: 767149

Ion	Ratio	Lower	Upper
65	100		
92	77.4	59.9	89.9
138	137.5	107.1	160.7



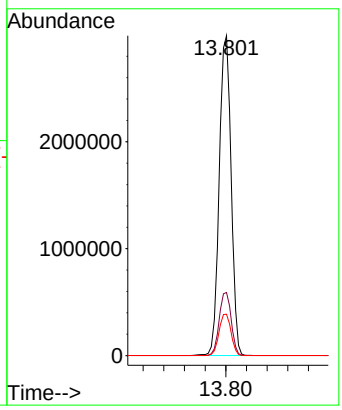


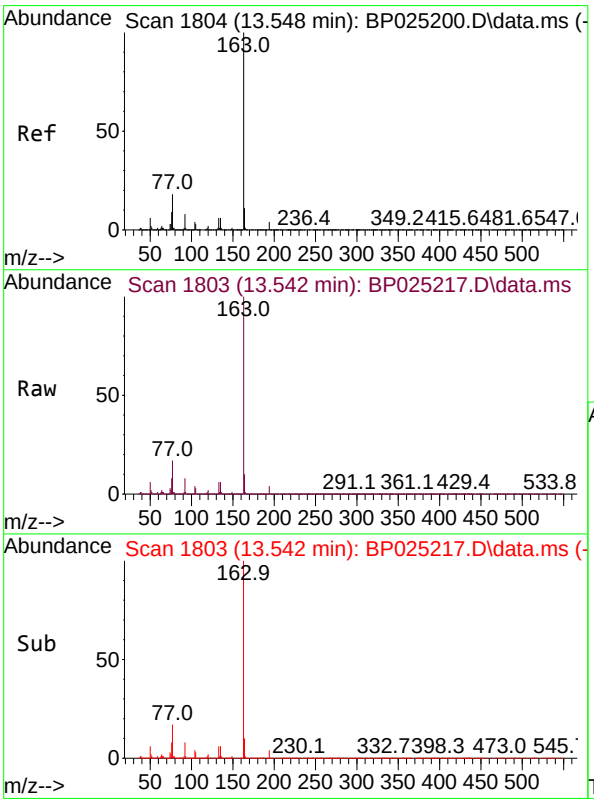
#49
Acenaphthylene
Concen: 40.585 ng
RT: 13.801 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 4767242

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	12.9	10.6	15.8

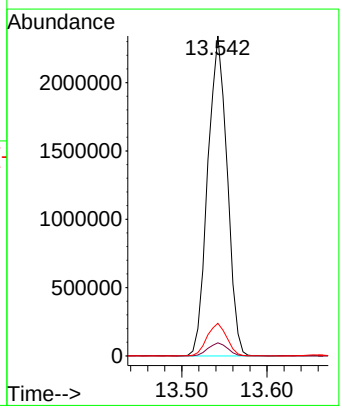


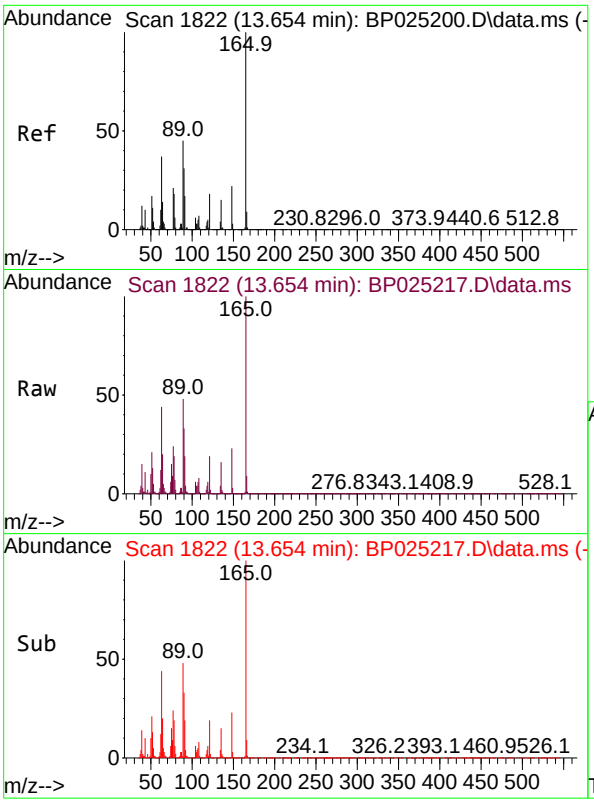


#50
Dimethylphthalate
Concen: 40.335 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:163 Resp: 3701569

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.5	12.7



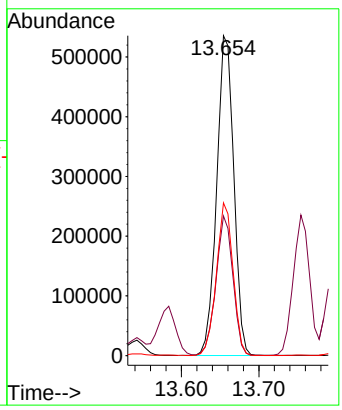


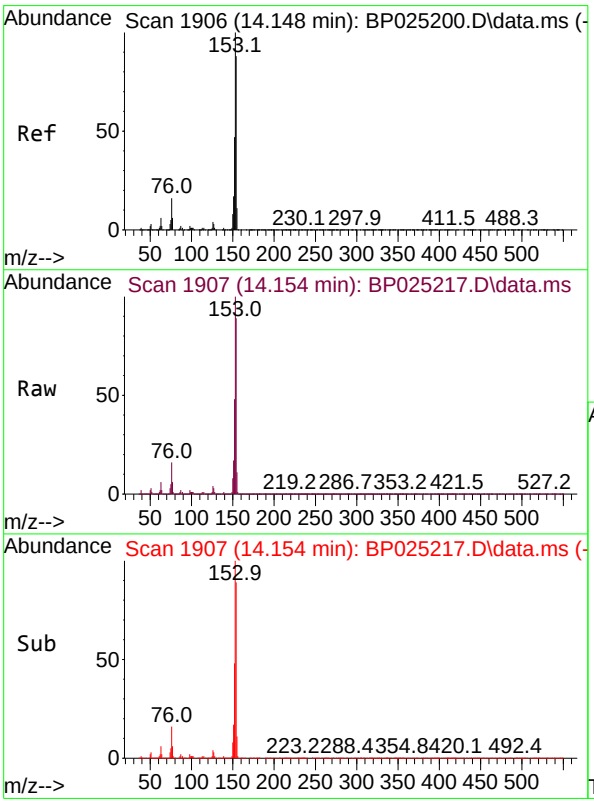
#51
2,6-Dinitrotoluene
Concen: 41.167 ng
RT: 13.654 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 820876

Ion	Ratio	Lower	Upper
165	100		
63	43.6	33.4	50.2
89	47.7	36.3	54.5

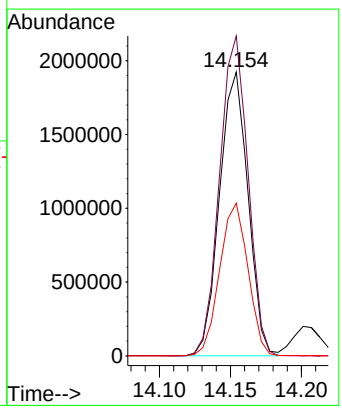


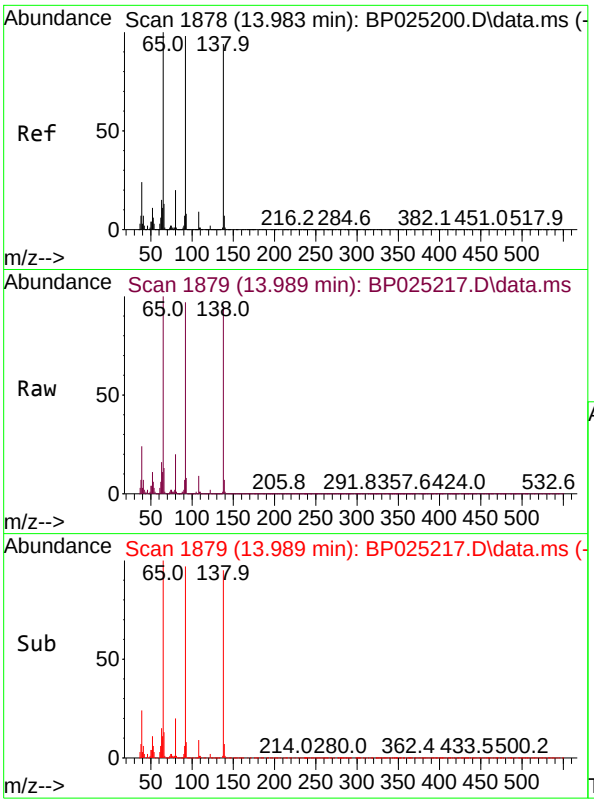


#52
Acenaphthene
Concen: 39.628 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:154 Resp: 2691736

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.7	136.1
152	53.8	42.9	64.3



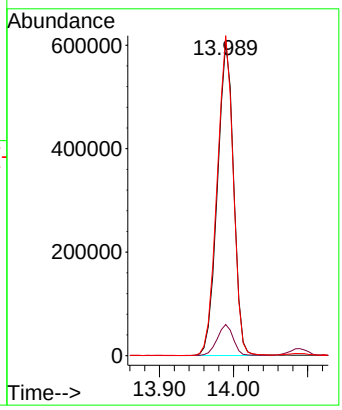


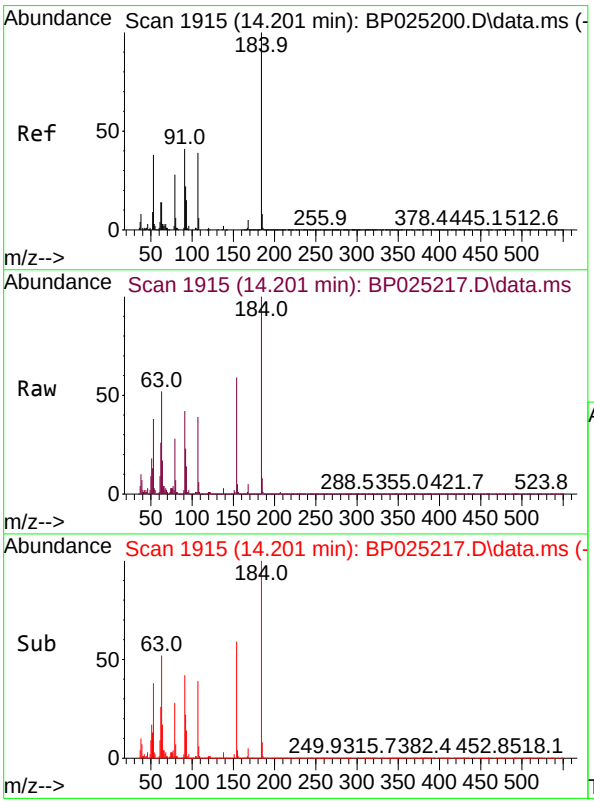
#53
3-Nitroaniline
Concen: 40.886 ng
RT: 13.989 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 919365

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.5	11.3
92	102.0	83.2	124.8

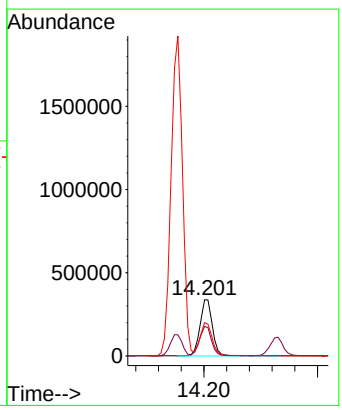


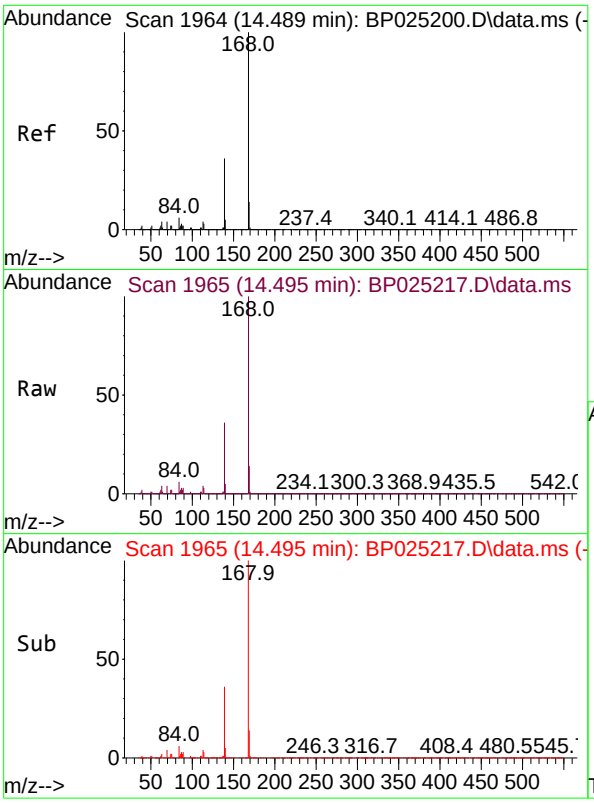


#54
2,4-Dinitrophenol
Concen: 43.041 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:184 Resp: 508500

Ion	Ratio	Lower	Upper
184	100		
63	52.2	41.8	62.8
154	59.3	45.7	68.5



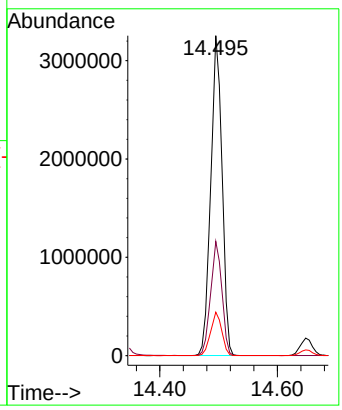


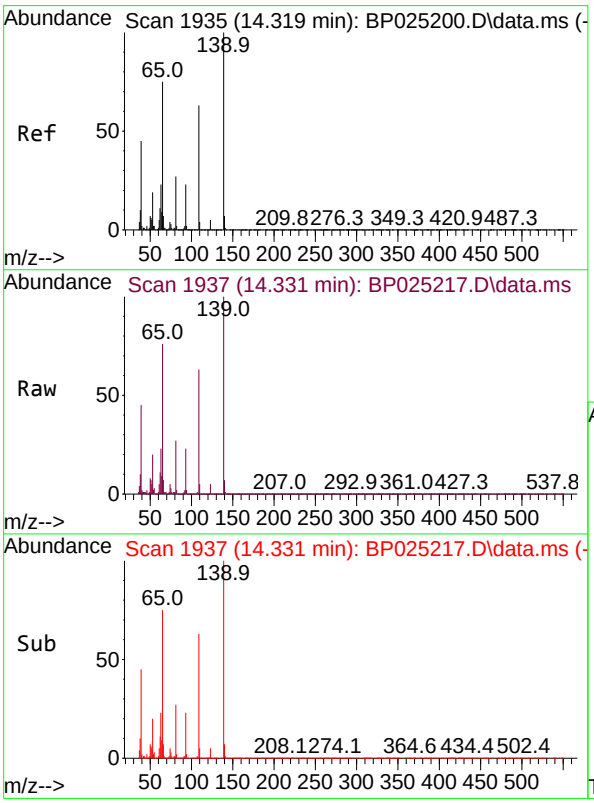
#55
Dibenzofuran
Concen: 39.654 ng
RT: 14.495 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 4350726

Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.7	43.1
169	13.6	10.9	16.3

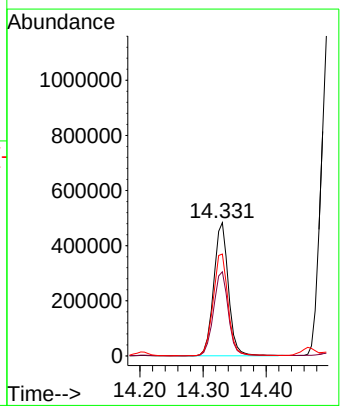


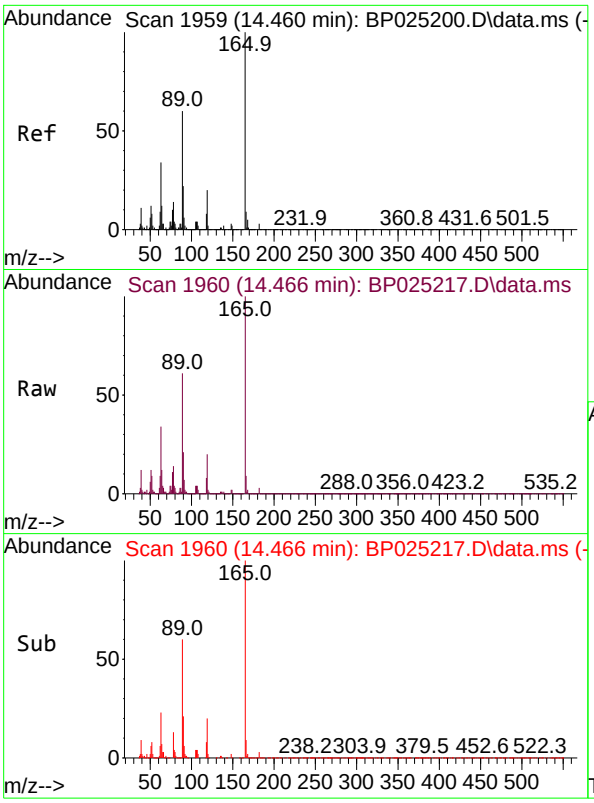


#56
4-Nitrophenol
Concen: 40.570 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:139 Resp: 780640

Ion	Ratio	Lower	Upper
139	100		
109	63.1	42.6	82.6
65	76.5	55.4	95.4



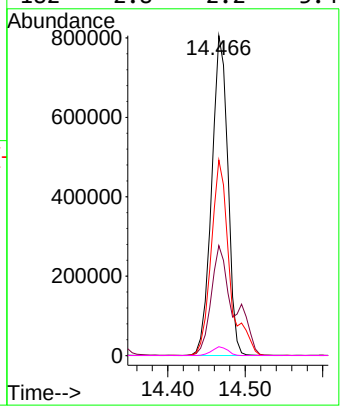


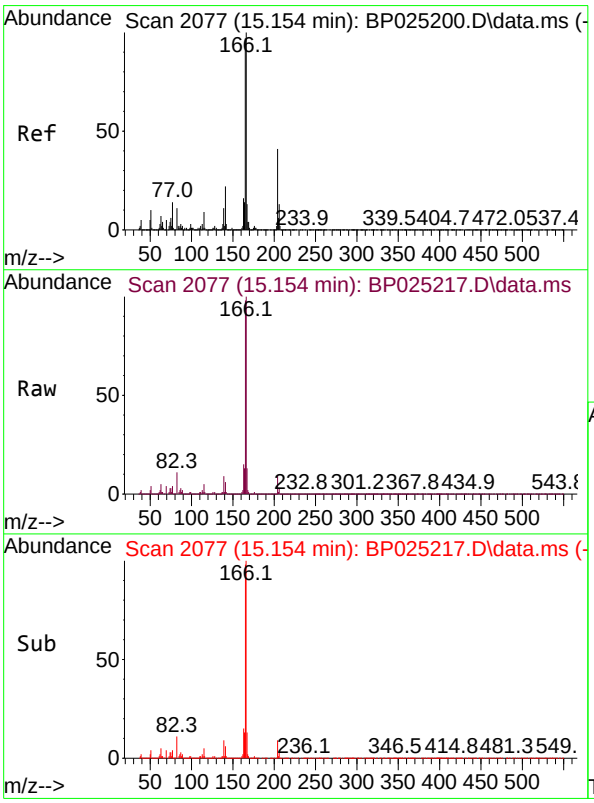
#57
2,4-Dinitrotoluene
Concen: 41.787 ng
RT: 14.466 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 1166349

Ion	Ratio	Lower	Upper
165	100		
63	34.4	27.0	40.4
89	61.1	47.8	71.6
182	2.8	2.2	3.4

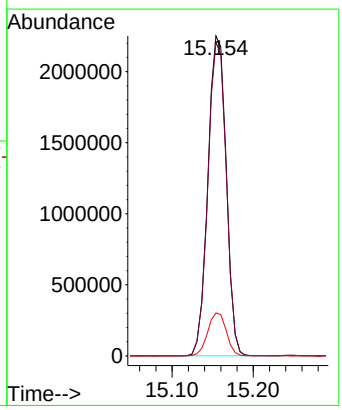


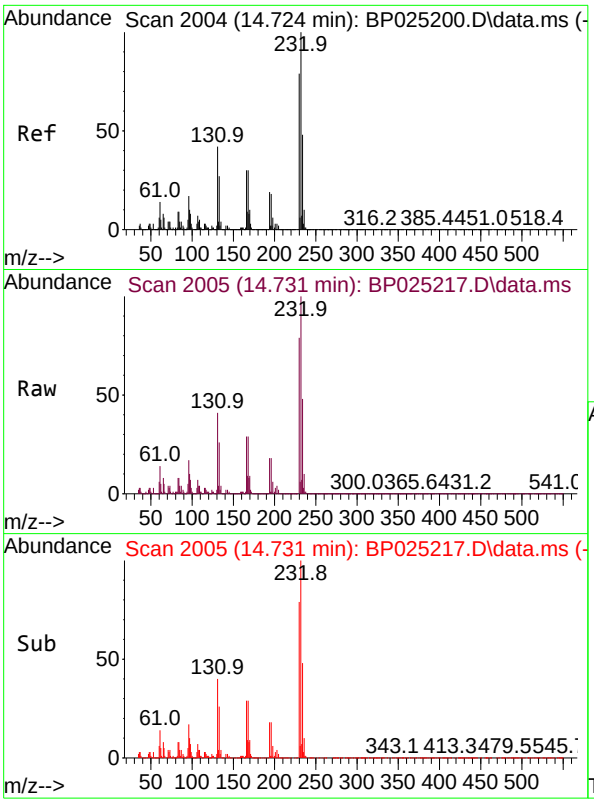


#58
Fluorene
Concen: 40.566 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:166 Resp: 3533493

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.0	117.0
167	13.4	10.7	16.1



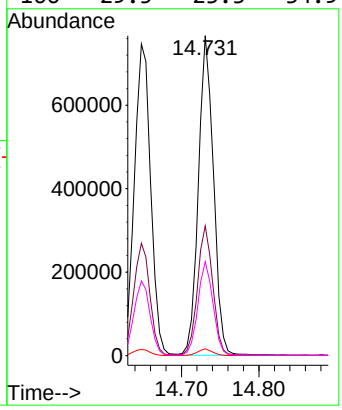


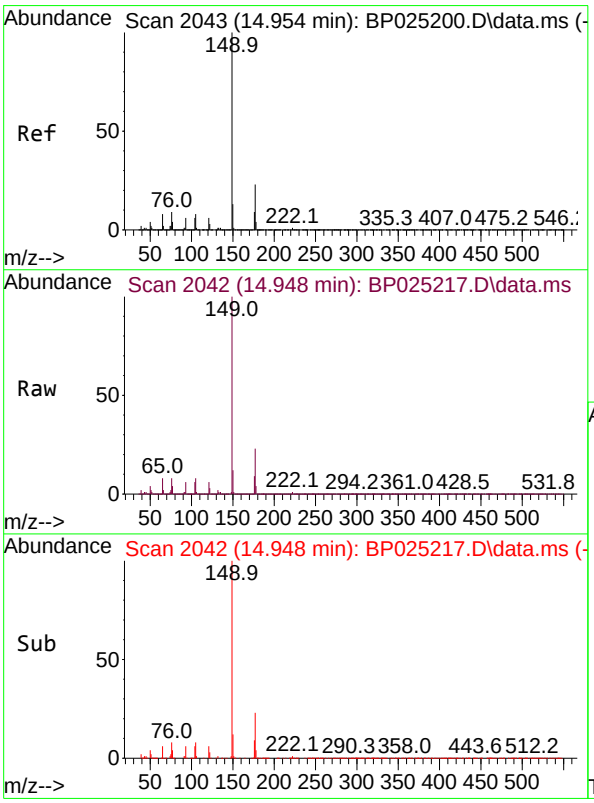
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.480 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 1036076

Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.6	48.8
130	2.1	1.6	2.4
166	29.5	23.3	34.9

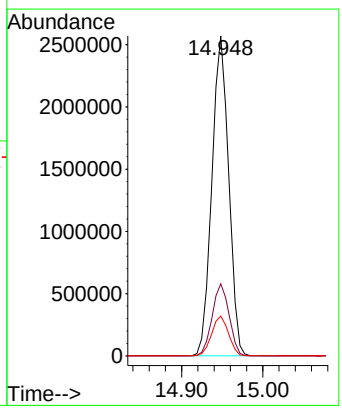


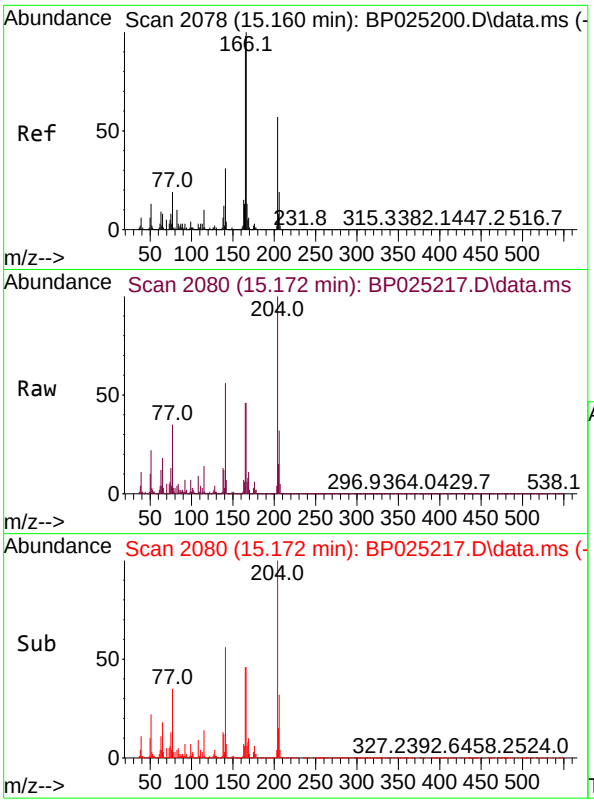


#60
Diethylphthalate
Concen: 40.800 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:149 Resp: 3690362

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.4	27.6
150	12.4	10.0	15.0



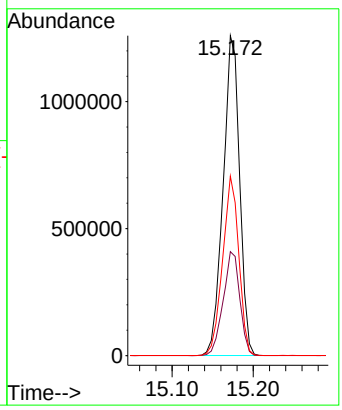


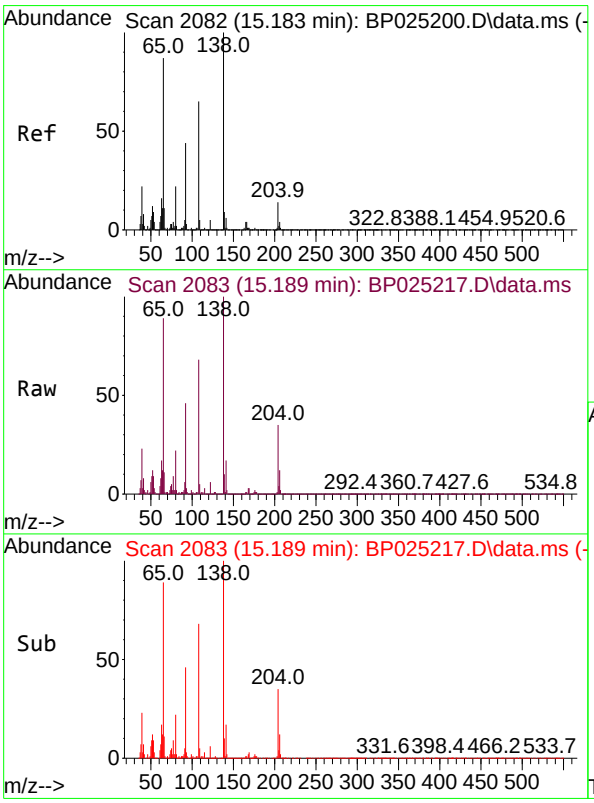
#61
4-Chlorophenyl-phenylether
Concen: 40.306 ng
RT: 15.172 min Scan# 20
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 1774043

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	56.1	43.0	64.6

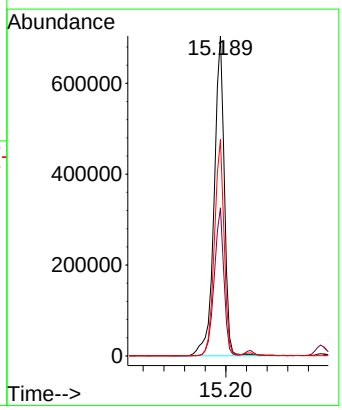


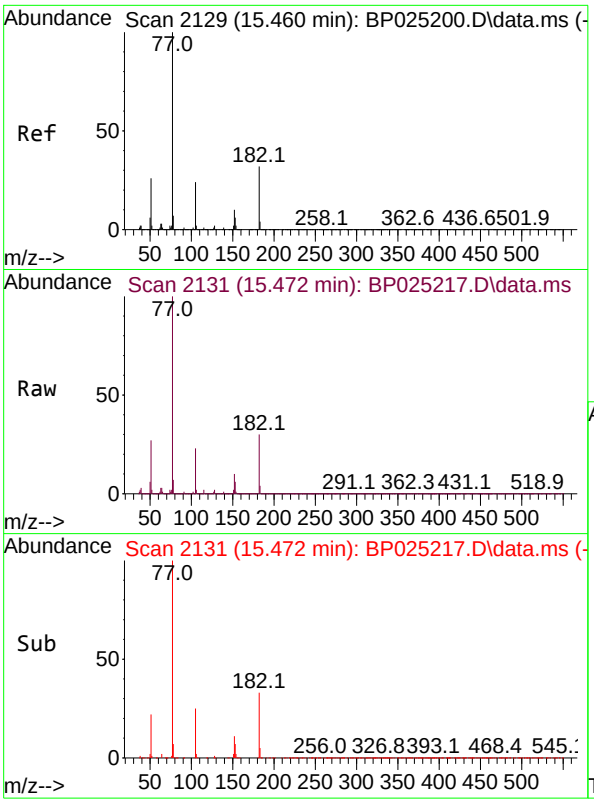


#62
4-Nitroaniline
Concen: 42.282 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:138 Resp: 966919

Ion	Ratio	Lower	Upper
138	100		
92	46.3	24.0	64.0
108	67.6	44.9	84.9



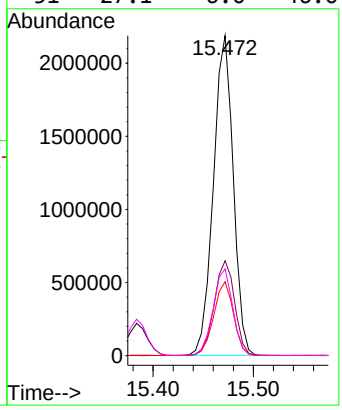


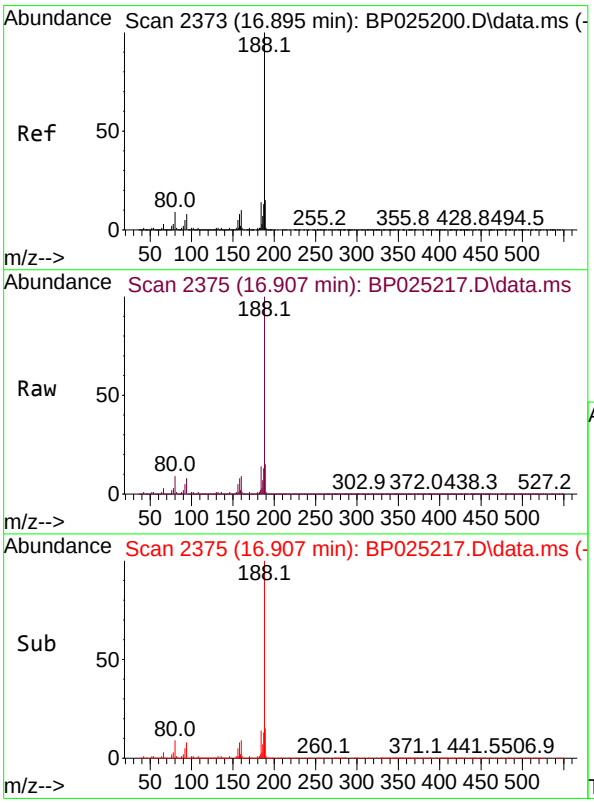
#63
Azobenzene
Concen: 40.879 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 3013069

Ion	Ratio	Lower	Upper
77	100		
182	29.6	12.0	52.0
105	23.1	3.6	43.6
51	27.1	6.0	46.0

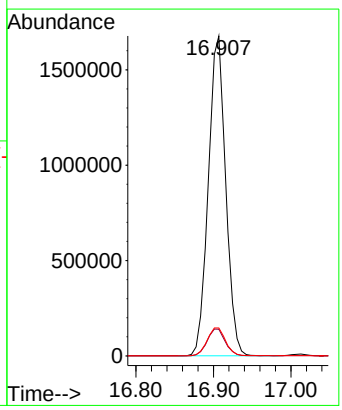


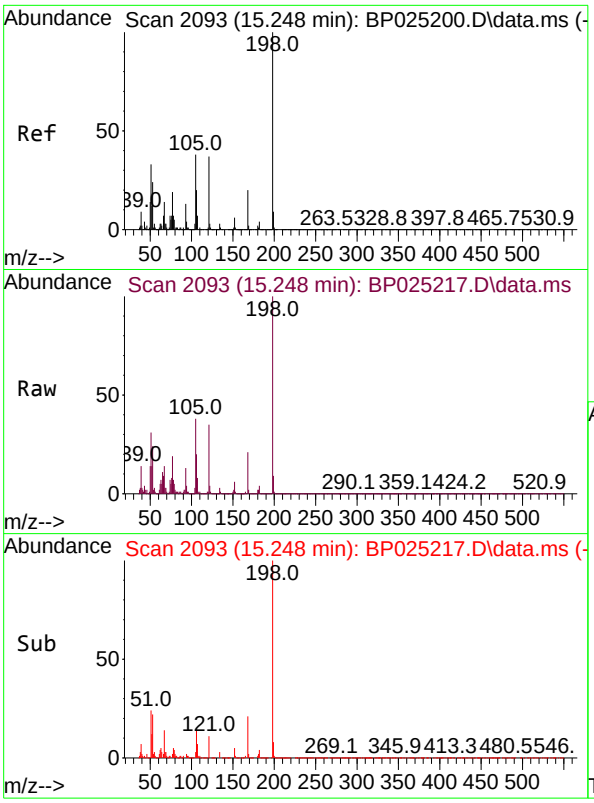


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:188 Resp: 2609516

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.8	7.3	10.9



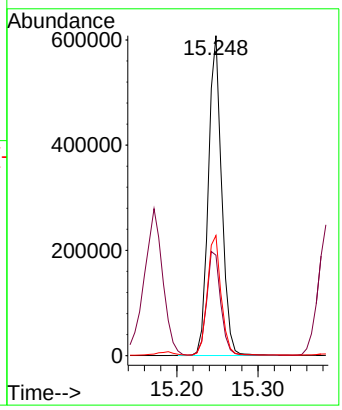


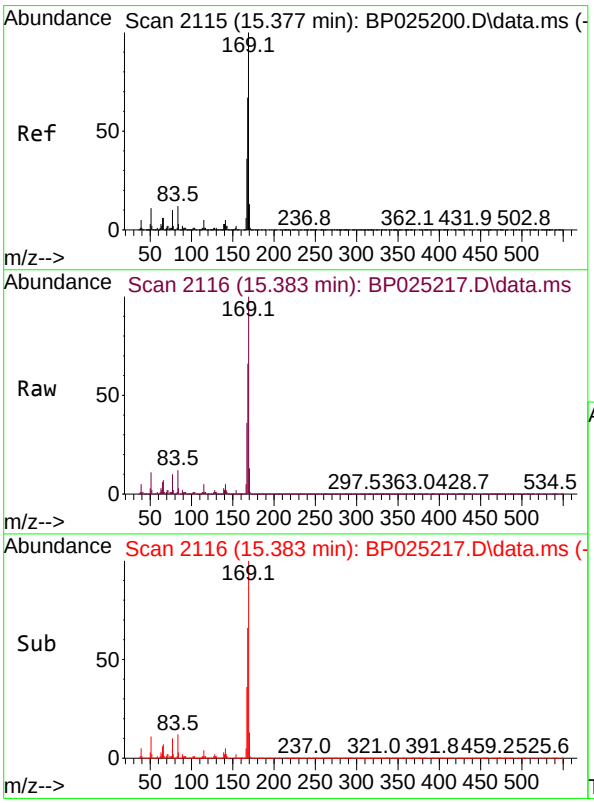
#65
4,6-Dinitro-2-methylphenol
Concen: 41.173 ng
RT: 15.248 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 693387

Ion	Ratio	Lower	Upper
198	100		
51	31.4	14.6	54.6
105	37.5	18.3	58.3

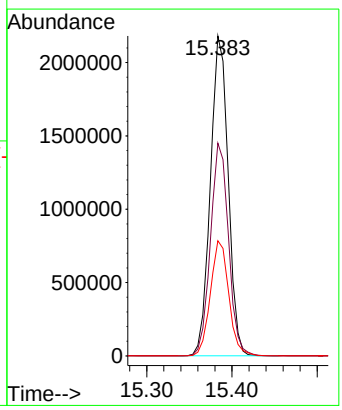


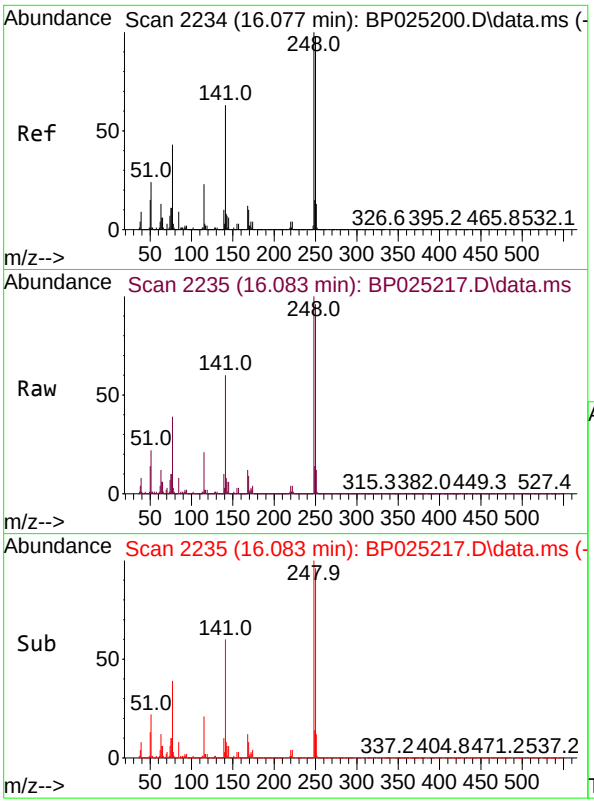


#66
n-Nitrosodiphenylamine
Concen: 39.898 ng
RT: 15.383 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:169 Resp: 3160118

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.7	80.5
167	36.0	29.0	43.6



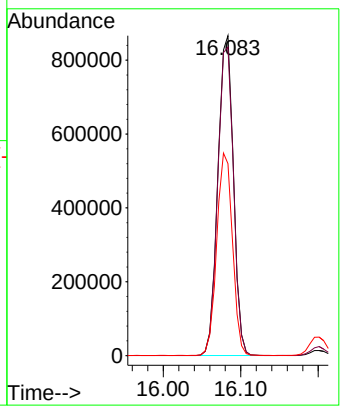


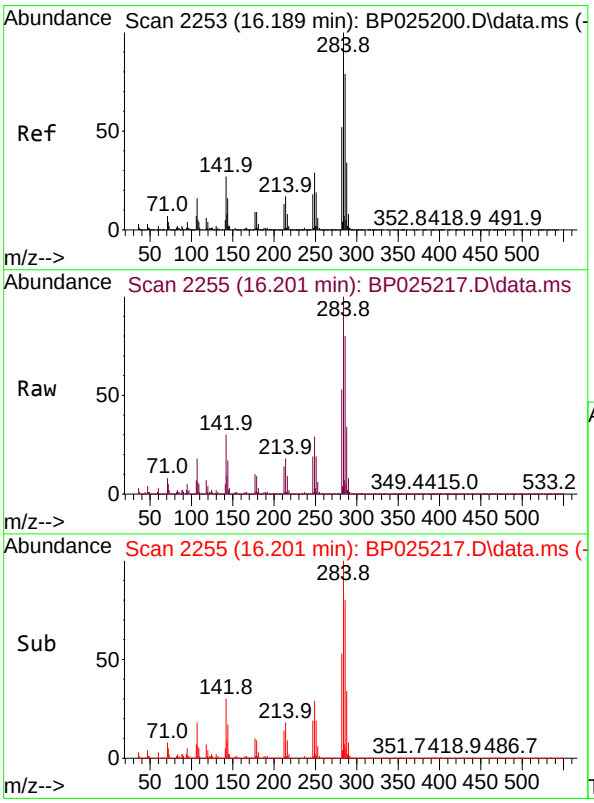
#67
4-Bromophenyl-phenylether
Concen: 39.669 ng
RT: 16.083 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 1208101

Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.5	117.7
141	60.0	50.5	75.7

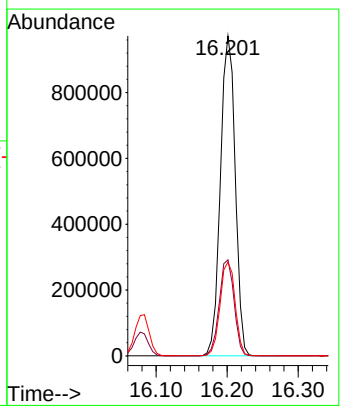


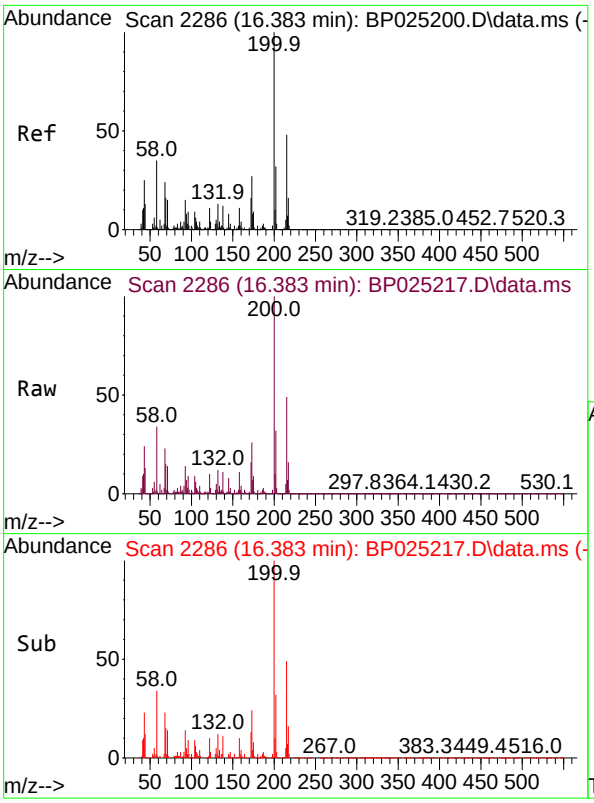


#68
Hexachlorobenzene
Concen: 39.045 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:284 Resp: 1412145

Ion	Ratio	Lower	Upper
284	100		
142	30.0	21.5	32.3
249	29.3	23.4	35.0



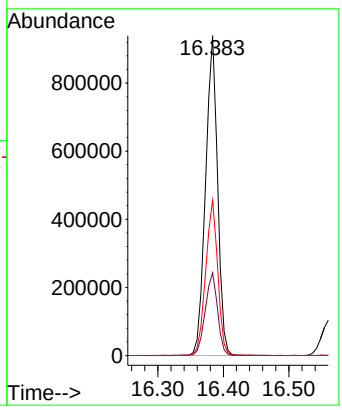


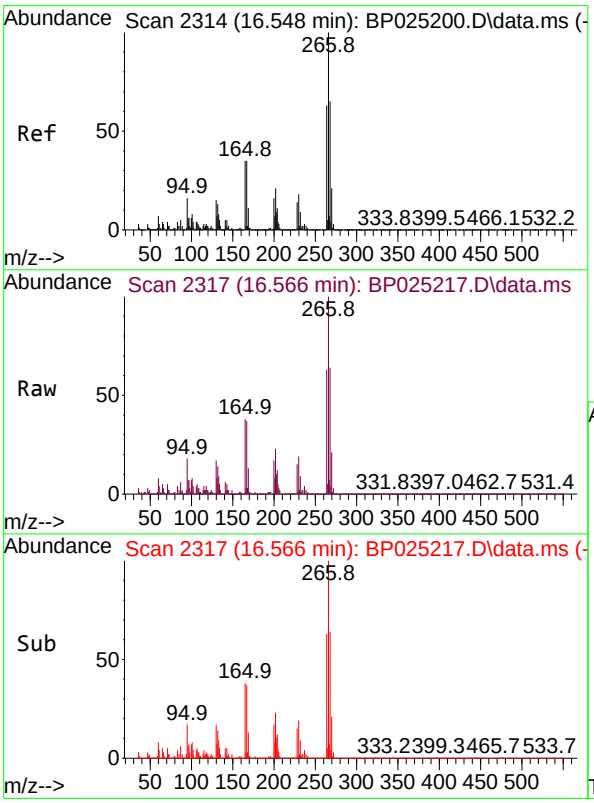
#69
Atrazine
Concen: 40.589 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 1189643

Ion	Ratio	Lower	Upper
200	100		
173	25.9	7.4	47.4
215	48.6	28.5	68.5

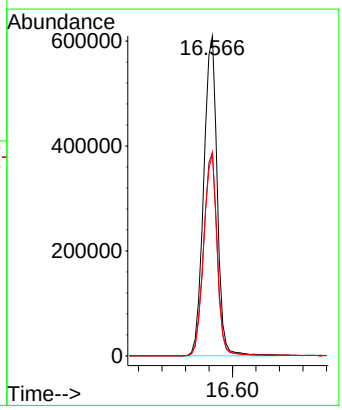


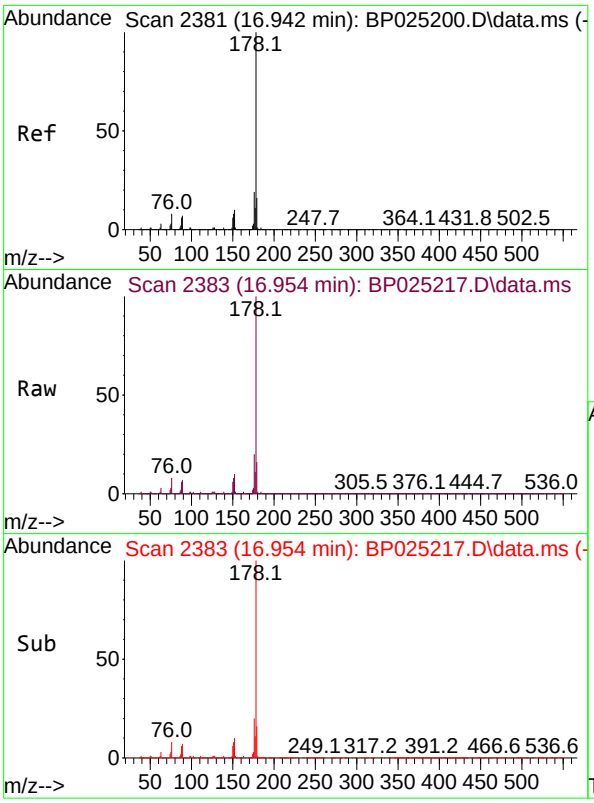


#70
Pentachlorophenol
Concen: 39.511 ng
RT: 16.566 min Scan# 2317
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:266 Resp: 971735

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.8	77.6
264	63.3	50.3	75.5



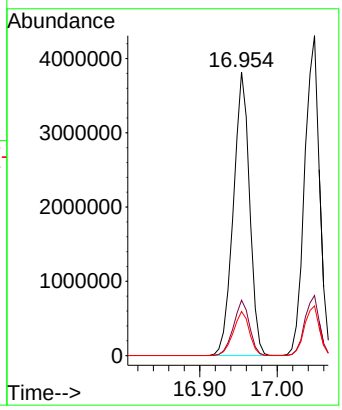


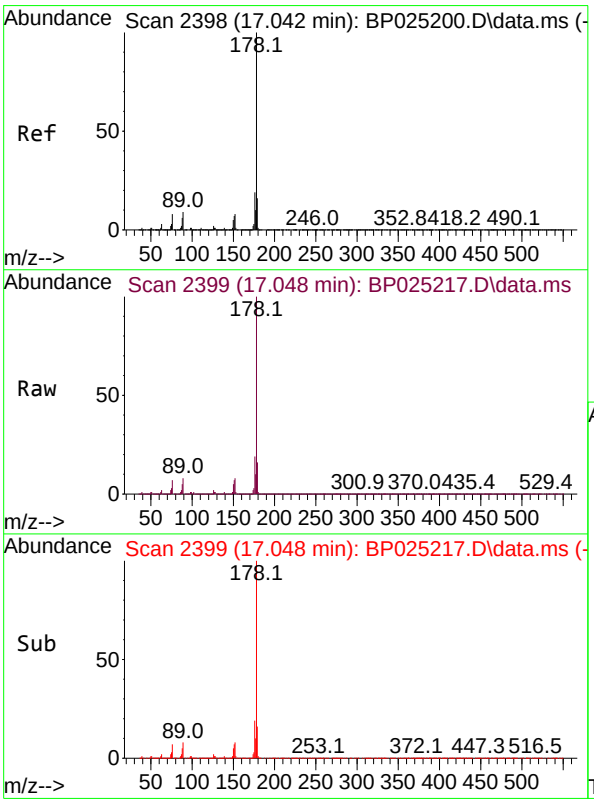
#71
Phenanthrene
Concen: 39.459 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 5553593

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.6	12.5	18.7

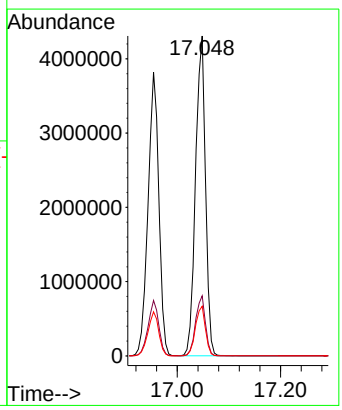


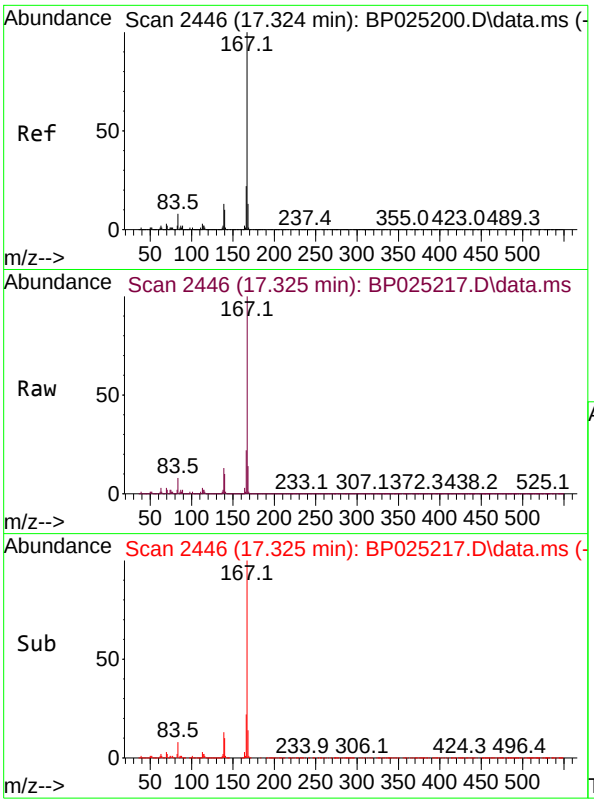


#72
Anthracene
Concen: 40.549 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:178 Resp: 5749207

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.5	18.7



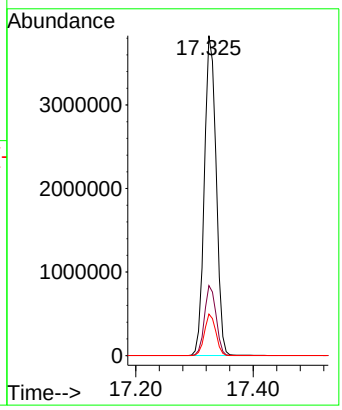


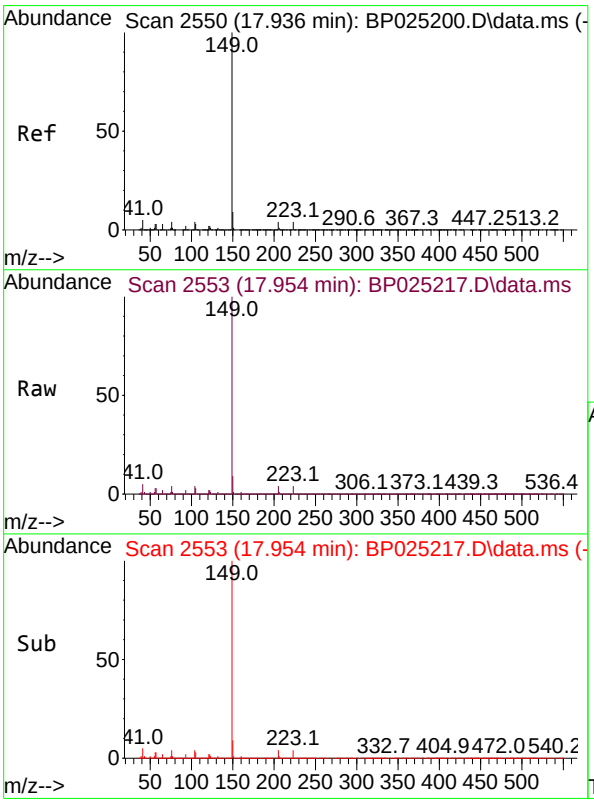
#73
Carbazole
Concen: 39.428 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 5336598

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.0	10.1	15.1

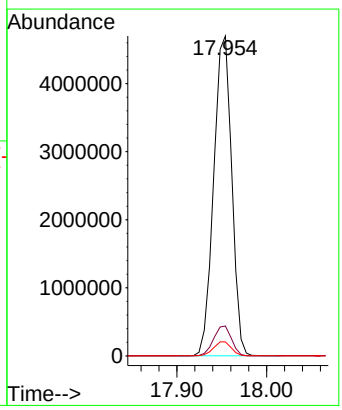


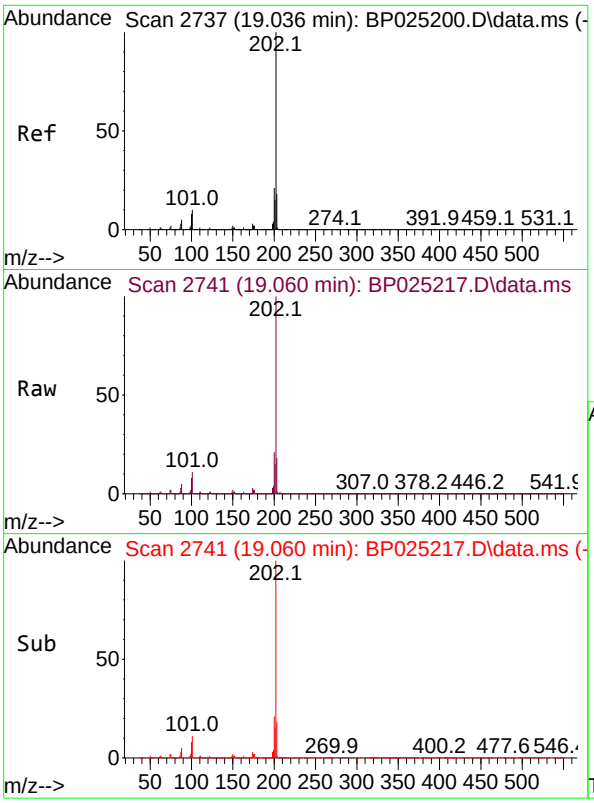


#74
Di-n-butylphthalate
Concen: 42.180 ng
RT: 17.954 min Scan# 2553
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:149 Resp: 6587240

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.4	3.5	5.3



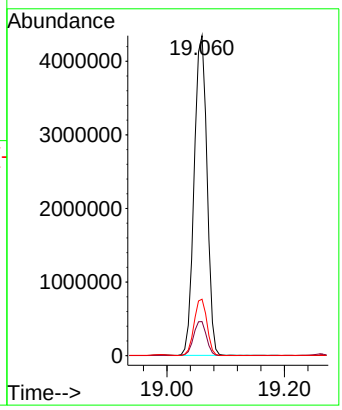


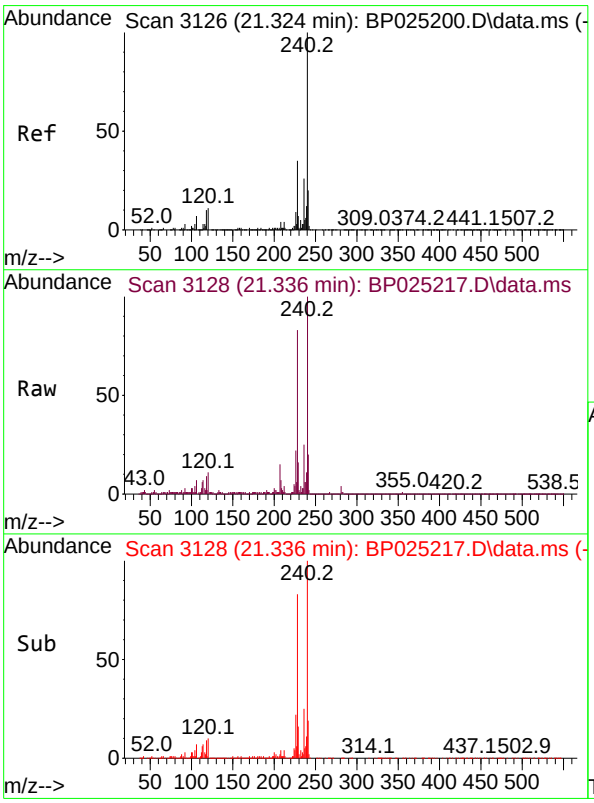
#75
Fluoranthene
Concen: 39.724 ng
RT: 19.060 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 6580038

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	17.6	0.0	38.0

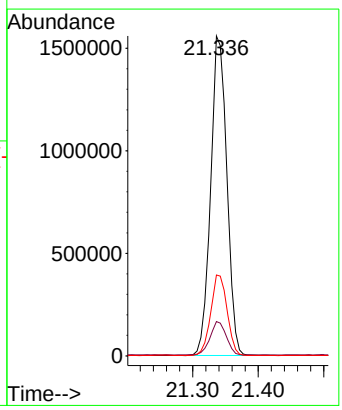


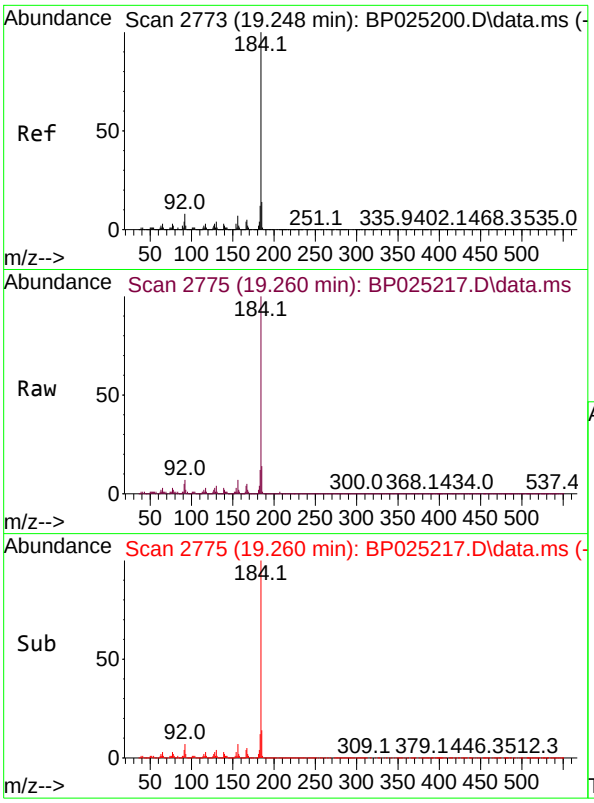


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:240 Resp: 2676711

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	25.3	20.9	31.3



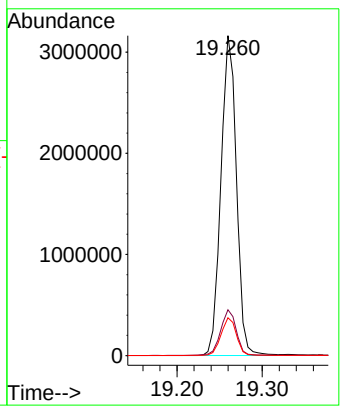


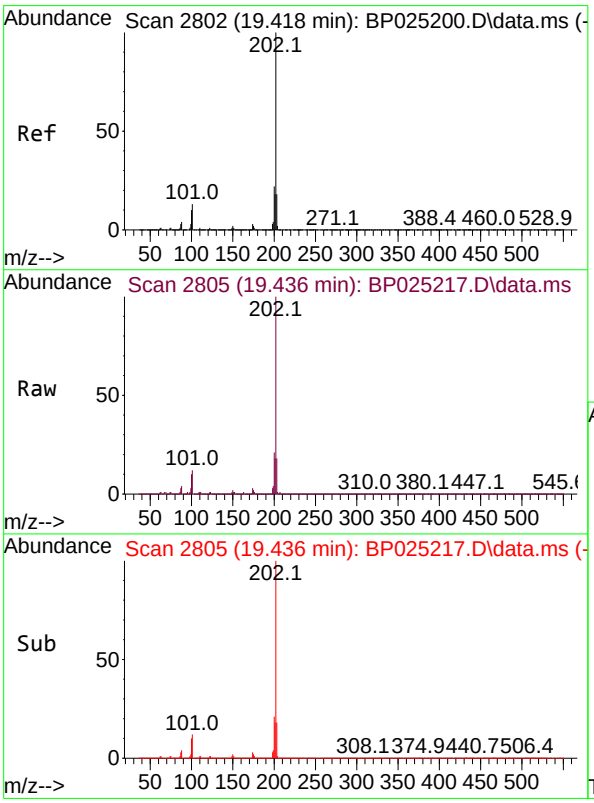
#77
Benzidine
Concen: 42.589 ng
RT: 19.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 4002294

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.8	9.6	14.4

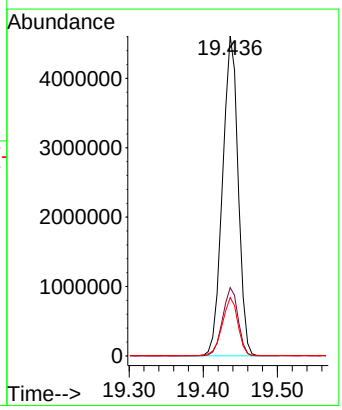


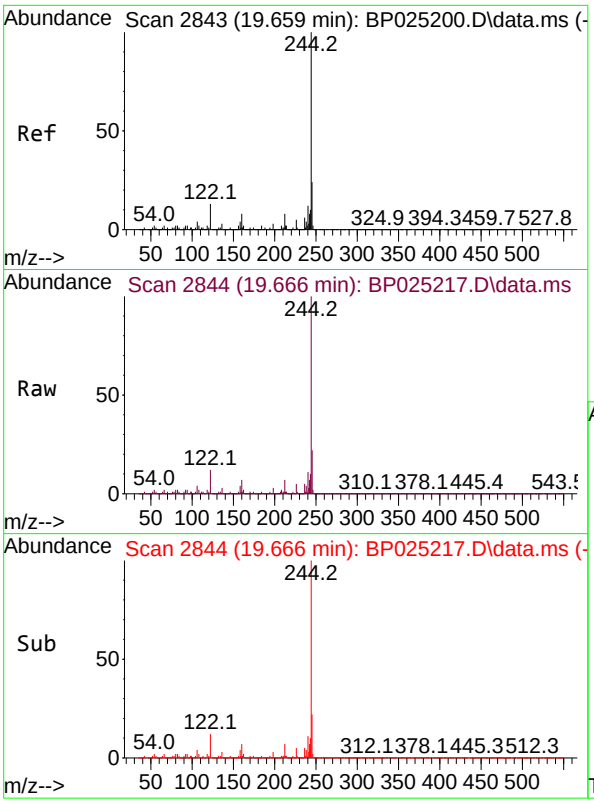


#78
Pyrene
Concen: 40.757 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:202 Resp: 6726583

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.2	14.3	21.5



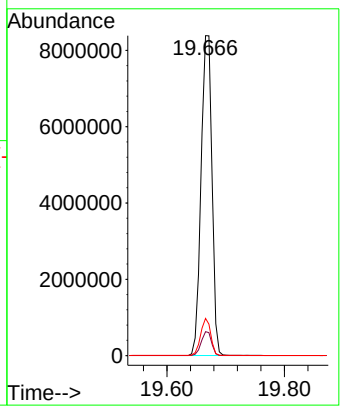


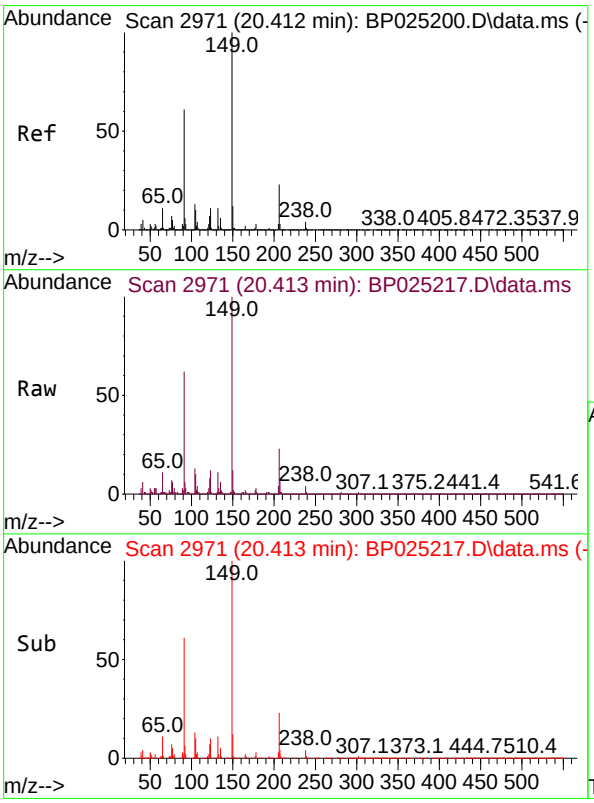
#79
Terphenyl-d14
Concen: 79.620 ng
RT: 19.666 min Scan# 28
Delta R.T. 0.007 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp:10796124

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	9.8
122	11.6	10.3	15.5

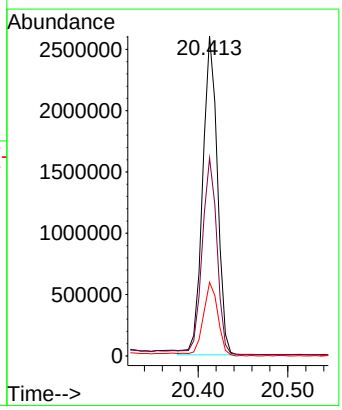


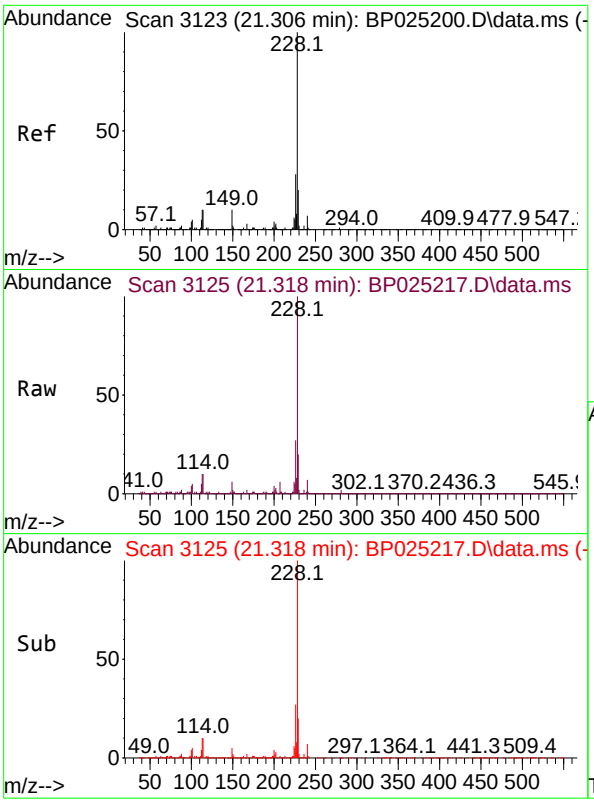


#80
Butylbenzylphthalate
Concen: 39.741 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:149 Resp: 2968996

Ion	Ratio	Lower	Upper
149	100		
91	61.8	48.8	73.2
206	23.0	18.4	27.6



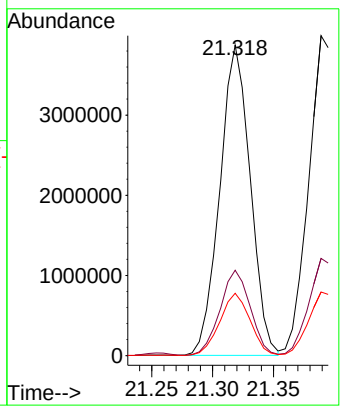


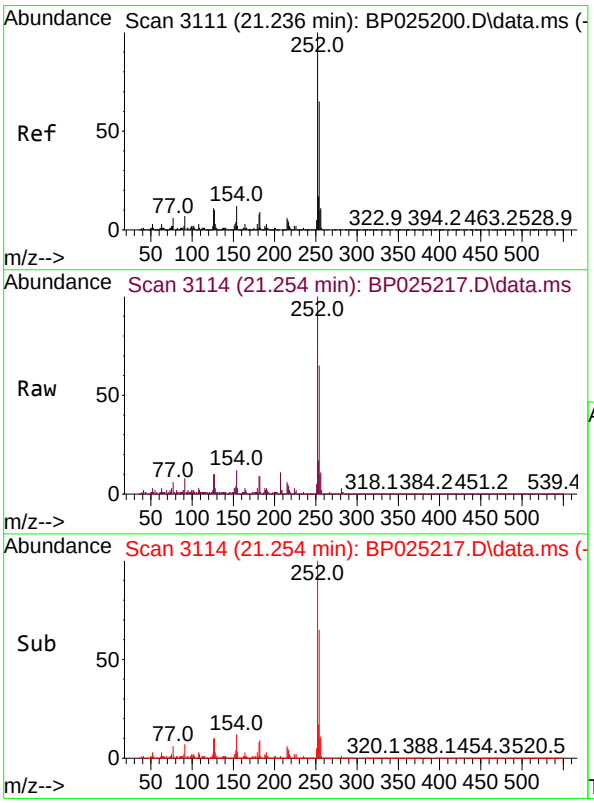
#81
Benzo(a)anthracene
Concen: 39.881 ng
RT: 21.318 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 6741360

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.1	16.2	24.2

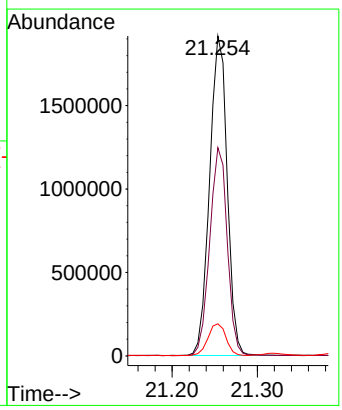


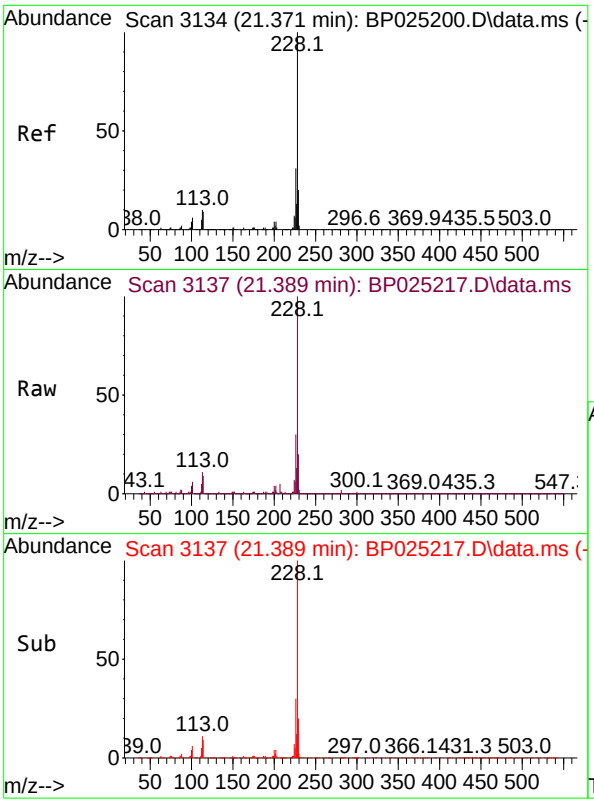


#82
3,3'-Dichlorobenzidine
Concen: 39.157 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:252 Resp: 2743673

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.0	8.6	12.8



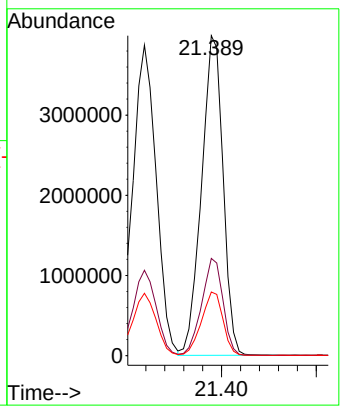


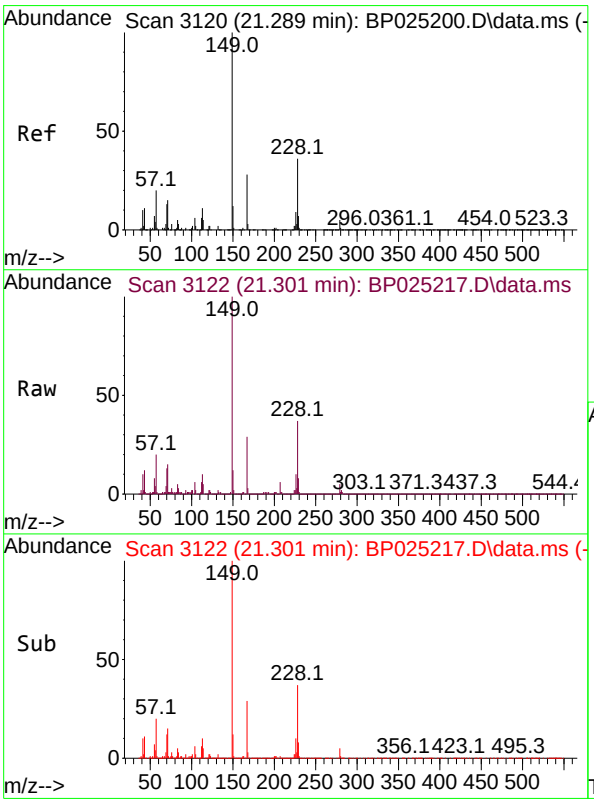
#83
Chrysene
Concen: 39.884 ng
RT: 21.389 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 6293514

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.9	16.0	24.0

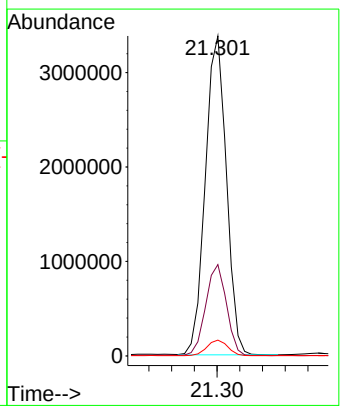


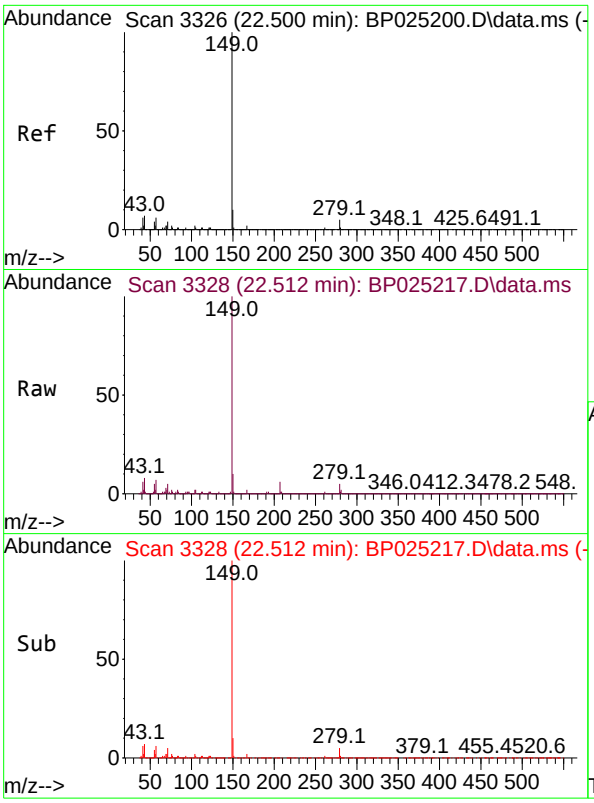


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.787 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:149 Resp: 4357084

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	4.9	4.0	6.0



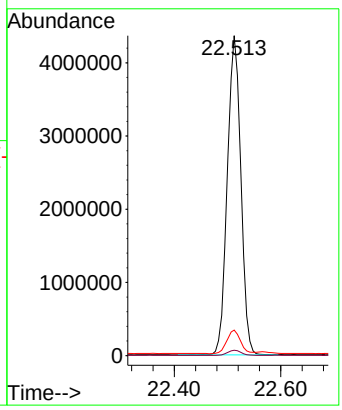


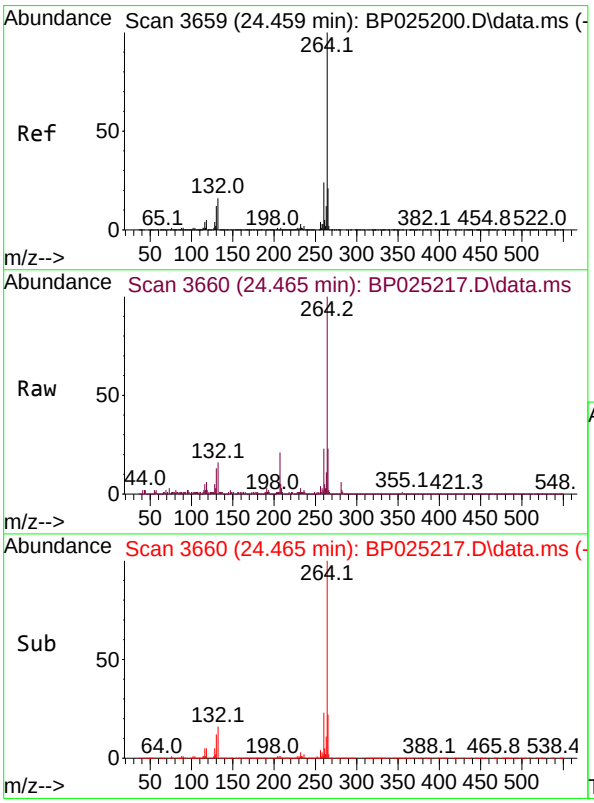
#85
Di-n-octyl phthalate
Concen: 41.734 ng
RT: 22.512 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 7698558

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

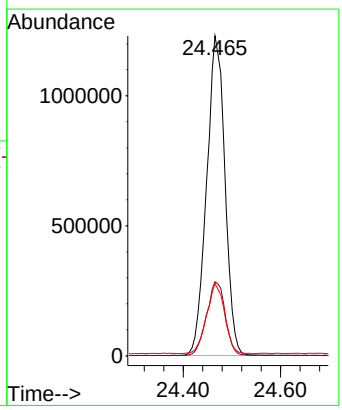


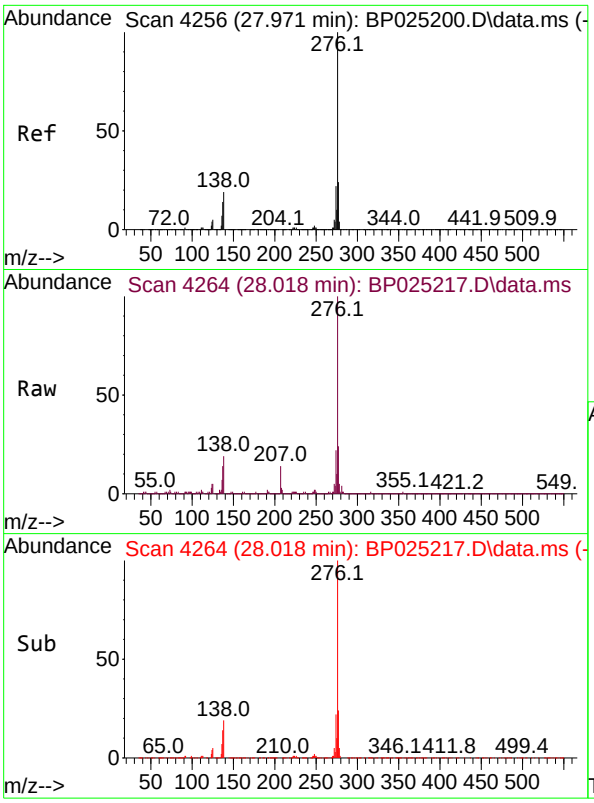


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:264 Resp: 3220793

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	22.6	17.5	26.3



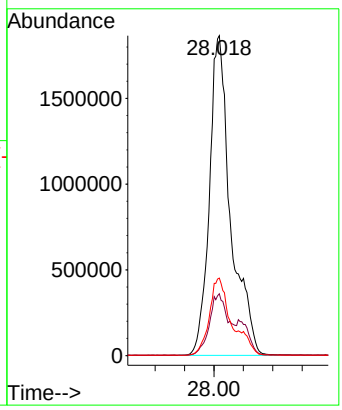


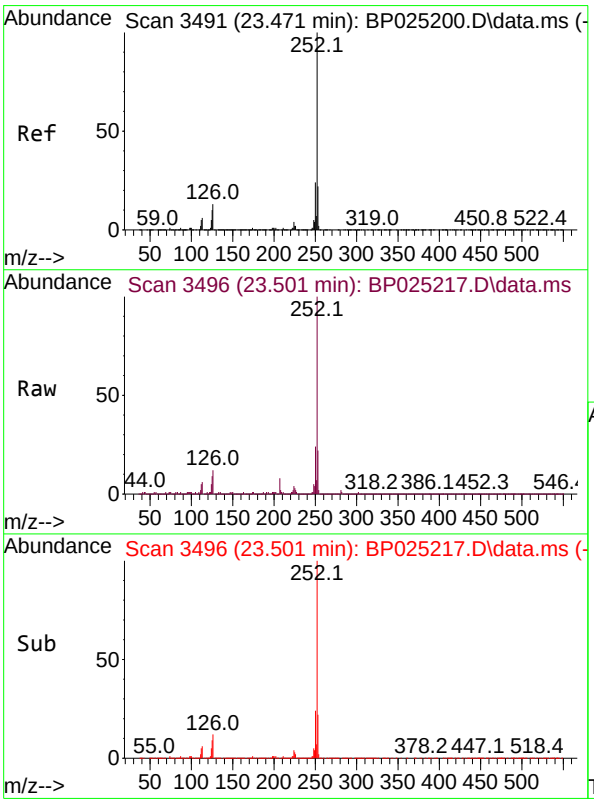
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.805 ng
RT: 28.018 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 9368897

Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.8	19.2
277	25.5	20.3	30.5

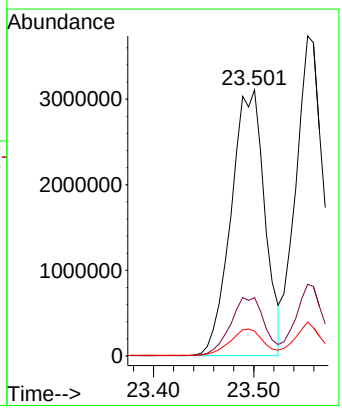


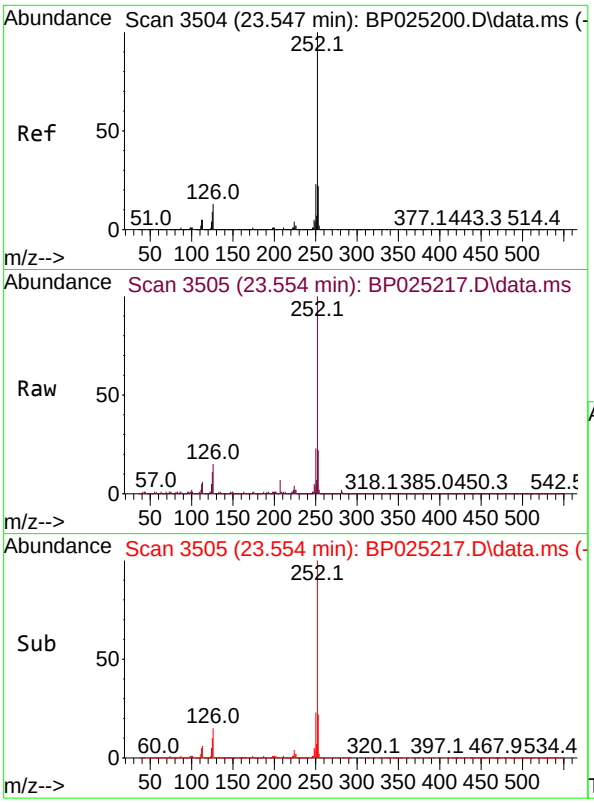


#88
Benzo(b)fluoranthene
Concen: 39.276 ng
RT: 23.501 min Scan# 3496
Delta R.T. 0.030 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:252 Resp: 7241040

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.3	7.8	11.8



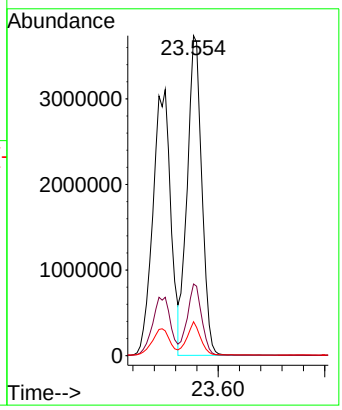


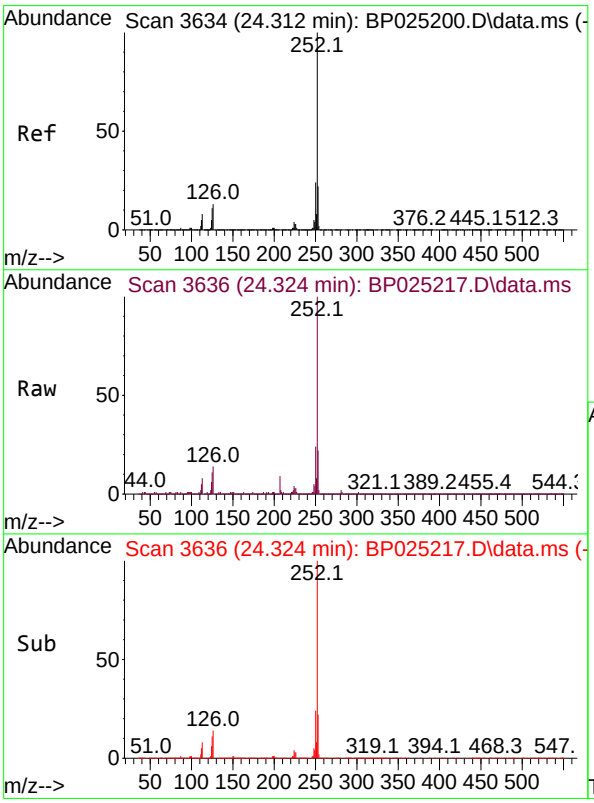
#89
Benzo(k)fluoranthene
Concen: 39.094 ng
RT: 23.554 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 7115299

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.6	7.5	11.3

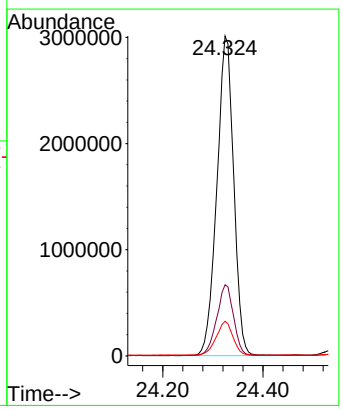


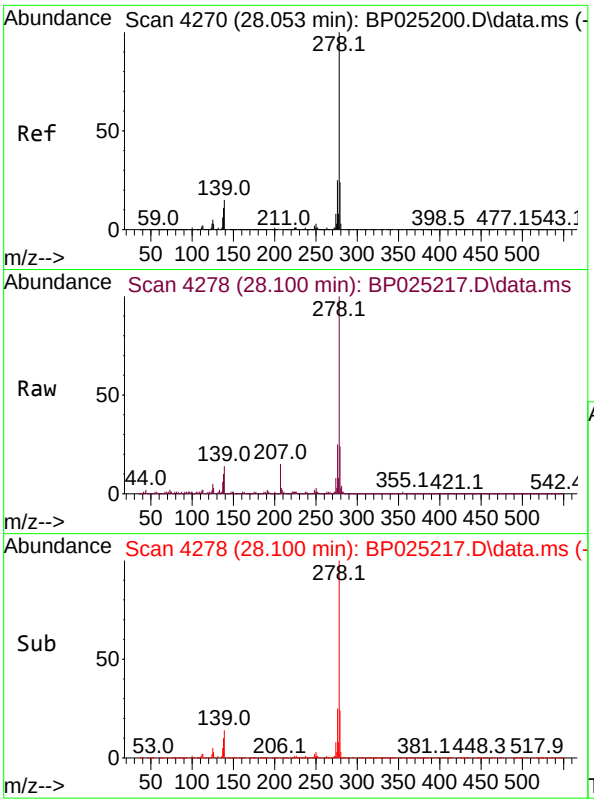


#90
Benzo(a)pyrene
Concen: 38.952 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:252 Resp: 7006621

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.8	8.6	12.8



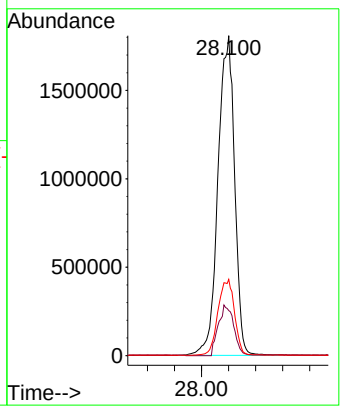


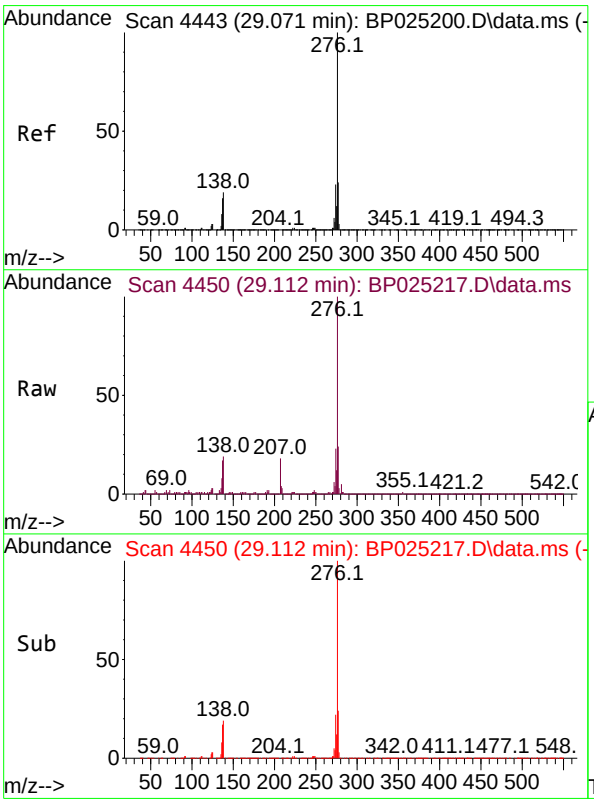
#91
Dibenzo(a,h)anthracene
Concen: 39.976 ng
RT: 28.100 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 7676442

Ion	Ratio	Lower	Upper
278	100		
139	14.1	12.0	18.0
279	23.9	19.5	29.3

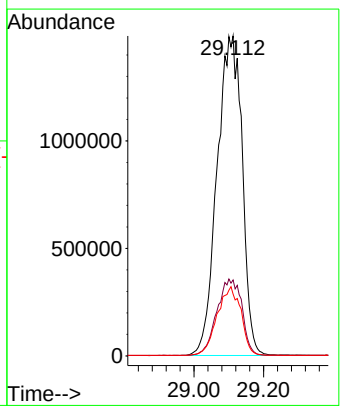




#92
Benzo(g,h,i)perylene
Concen: 39.454 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.041 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:276 Resp: 7445439

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	19.3	15.4	23.2



Sample Results: **BP025217.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	68	0.00
2		1,4-Dioxane	0.444	0.442	0.5	70	0.00
3		Pyridine	1.188	1.180	0.7	68	0.00
4		n-Nitrosodimethylamine	0.471	0.472	-0.2	68	0.00
5	S	2-Fluorophenol	1.184	1.184	0.0	69	0.00
6		Aniline	1.916	1.923	-0.4	68	0.00
7	S	Phenol-d6	1.466	1.469	-0.2	68	0.00
8		2-Chlorophenol	1.343	1.350	-0.5	68	0.00
9		Benzaldehyde	0.994	0.975	1.9	60	0.00
10	C	Phenol	1.520	1.523	-0.2	68	0.00
11		bis(2-Chloroethyl)ether	1.166	1.163	0.3	68	0.00
12		1,3-Dichlorobenzene	1.510	1.498	0.8	68	0.00
13	C	1,4-Dichlorobenzene	1.525	1.517	0.5	68	0.00
14		1,2-Dichlorobenzene	1.467	1.467	0.0	68	0.00
15		Benzyl Alcohol	1.057	1.077	-1.9	69	0.00
16		2,2'-oxybis(1-Chloropropane	1.491	1.461	2.0	67	0.00
17		2-Methylphenol	1.054	1.053	0.1	67	0.00
18		Hexachloroethane	0.524	0.530	-1.1	69	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	0.902	-2.3	69	0.00
20		3+4-Methylphenols	1.438	1.449	-0.8	68	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	66	0.00
22		Acetophenone	0.465	0.472	-1.5	69	0.00
23	S	Nitrobenzene-d5	0.360	0.366	-1.7	68	0.00
24		Nitrobenzene	0.321	0.325	-1.2	68	0.00
25		Isophorone	0.633	0.644	-1.7	68	0.00
26	C	2-Nitrophenol	0.184	0.194	-5.4	70	0.00
27		2,4-Dimethylphenol	0.308	0.313	-1.6	68	0.00
28		bis(2-Chloroethoxy)methane	0.396	0.397	-0.3	68	0.00
29	C	2,4-Dichlorophenol	0.317	0.323	-1.9	68	0.00
30		1,2,4-Trichlorobenzene	0.346	0.342	1.2	67	0.00
31		Naphthalene	1.023	1.020	0.3	67	0.00
32		Benzoic acid	0.235	0.252	-7.2	70	0.00
33		4-Chloroaniline	0.450	0.459	-2.0	69	0.00
34	C	Hexachlorobutadiene	0.208	0.208	0.0	67	0.00
35		Caprolactam	0.105	0.109	-3.8	71	0.00
36	C	4-Chloro-3-methylphenol	0.317	0.326	-2.8	70	0.01
37		2-Methylnaphthalene	0.665	0.670	-0.8	68	0.00
38		1-Methylnaphthalene	0.698	0.702	-0.6	68	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	68	0.01
40		1,2,4,5-Tetrachlorobenzene	0.599	0.591	1.3	68	0.00
41	P	Hexachlorocyclopentadiene	0.358	0.346	3.4	66	0.00
42	S	2,4,6-Tribromophenol	0.295	0.300	-1.7	71	0.00
43	C	2,4,6-Trichlorophenol	0.410	0.409	0.2	68	0.00
44		2,4,5-Trichlorophenol	0.451	0.456	-1.1	68	0.00
45	S	2-Fluorobiphenyl	1.419	1.454	-2.5	70	0.00
46		1,1'-Biphenyl	1.450	1.443	0.5	68	0.00
47		2-Chloronaphthalene	1.132	1.122	0.9	69	0.00

Sample Results: **BP025217.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	0.289	0.299	-3.5	70	0.00
49		Acenaphthylene	1.831	1.858	-1.5	69	0.00
50		Dimethylphthalate	1.430	1.442	-0.8	71	0.00
51		2,6-Dinitrotoluene	0.311	0.320	-2.9	70	0.00
52	C	Acenaphthene	1.059	1.049	0.9	69	0.00
53		3-Nitroaniline	0.350	0.358	-2.3	71	0.00
54	P	2,4-Dinitrophenol	0.184	0.198	-7.6	74	0.00
55		Dibenzofuran	1.710	1.695	0.9	68	0.00
56	P	4-Nitrophenol	0.300	0.304	-1.3	71	0.01
57		2,4-Dinitrotoluene	0.435	0.454	-4.4	71	0.00
58		Fluorene	1.358	1.377	-1.4	70	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.404	-1.3	70	0.00
60		Diethylphthalate	1.410	1.438	-2.0	70	0.00
61		4-Chlorophenyl-phenylether	0.686	0.691	-0.7	69	0.01
62		4-Nitroaniline	0.356	0.377	-5.9	73	0.00
63		Azobenzene	1.149	1.174	-2.2	71	0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	71	0.01
65		4,6-Dinitro-2-methylphenol	0.129	0.133	-3.1	72	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.605	0.3	72	0.00
67		4-Bromophenyl-phenylether	0.233	0.231	0.9	71	0.00
68		Hexachlorobenzene	0.277	0.271	2.2	69	0.01
69		Atrazine	0.225	0.228	-1.3	74	0.00
70	C	Pentachlorophenol	0.188	0.186	1.1	70	0.02
71		Phenanthrene	1.079	1.064	1.4	71	0.01
72		Anthracene	1.087	1.102	-1.4	72	0.00
73		Carbazole	1.037	1.023	1.4	71	0.00
74		Di-n-butylphthalate	1.197	1.262	-5.4	74	0.02
75	C	Fluoranthene	1.270	1.261	0.7	72	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	73	0.01
77		Benzidine	0.702	0.748	-6.6	64	0.01
78		Pyrene	1.233	1.257	-1.9	73	0.02
79	S	Terphenyl-d14	1.013	1.008	0.5	82	0.00
80		Butylbenzylphthalate	0.558	0.555	0.5	72	0.00
81		Benzo(a)anthracene	1.263	1.259	0.3	74	0.01
82		3,3'-Dichlorobenzidine	0.524	0.513	2.1	73	0.02
83		Chrysene	1.179	1.176	0.3	74	0.02
84		Bis(2-ethylhexyl)phthalate	0.798	0.814	-2.0	74	0.01
85	c	Di-n-octyl phthalate	1.378	1.438	-4.4	76	0.01
86	I	Perylene-d12	1.000	1.000	0.0	74	0.00
87		Indeno(1,2,3-cd)pyrene	1.462	1.454	0.5	76	0.05
88		Benzo(b)fluoranthene	1.145	1.124	1.8	74	0.03
89		Benzo(k)fluoranthene	1.130	1.105	2.2	72	0.00
90	C	Benzo(a)pyrene	1.117	1.088	2.6	73	0.01
91		Dibenzo(a,h)anthracene	1.192	1.192	0.0	75	0.05
92		Benzo(g,h,i)perylene	1.172	1.156	1.4	75	0.04

Sample Results: **BP025217.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

Sample Results: **BP025217.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	68	0.00
2		1,4-Dioxane	40.000	39.847	0.4	70	0.00
3		Pyridine	40.000	39.735	0.7	68	0.00
4		n-Nitrosodimethylamine	40.000	40.078	-0.2	68	0.00
5	S	2-Fluorophenol	80.000	80.012	-0.0	69	0.00
6		Aniline	40.000	40.138	-0.3	68	0.00
7	S	Phenol-d6	80.000	80.153	-0.2	68	0.00
8		2-Chlorophenol	40.000	40.201	-0.5	68	0.00
9		Benzaldehyde	40.000	39.238	1.9	60	0.00
10	C	Phenol	40.000	40.065	-0.2	68	0.00
11		bis(2-Chloroethyl)ether	40.000	39.923	0.2	68	0.00
12		1,3-Dichlorobenzene	40.000	39.664	0.8	68	0.00
13	C	1,4-Dichlorobenzene	40.000	39.812	0.5	68	0.00
14		1,2-Dichlorobenzene	40.000	40.017	-0.0	68	0.00
15		Benzyl Alcohol	40.000	40.729	-1.8	69	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.177	2.1	67	0.00
17		2-Methylphenol	40.000	39.964	0.1	67	0.00
18		Hexachloroethane	40.000	40.407	-1.0	69	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.909	-2.3	69	0.00
20		3+4-Methylphenols	40.000	40.305	-0.8	68	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	66	0.00
22		Acetophenone	40.000	40.591	-1.5	69	0.00
23	S	Nitrobenzene-d5	80.000	81.250	-1.6	68	0.00
24		Nitrobenzene	40.000	40.551	-1.4	68	0.00
25		Isophorone	40.000	40.697	-1.7	68	0.00
26	C	2-Nitrophenol	40.000	42.134	-5.3	70	0.00
27		2,4-Dimethylphenol	40.000	40.594	-1.5	68	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.143	-0.4	68	0.00
29	C	2,4-Dichlorophenol	40.000	40.789	-2.0	68	0.00
30		1,2,4-Trichlorobenzene	40.000	39.591	1.0	67	0.00
31		Naphthalene	40.000	39.855	0.4	67	0.00
32		Benzoic acid	40.000	42.757	-6.9	70	0.00
33		4-Chloroaniline	40.000	40.770	-1.9	69	0.00
34	C	Hexachlorobutadiene	40.000	39.867	0.3	67	0.00
35		Caprolactam	40.000	41.409	-3.5	71	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.129	-2.8	70	0.01
37		2-Methylnaphthalene	40.000	40.308	-0.8	68	0.00
38		1-Methylnaphthalene	40.000	40.228	-0.6	68	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	68	0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.457	1.4	68	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.668	3.3	66	0.00
42	S	2,4,6-Tribromophenol	80.000	81.460	-1.8	71	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.950	0.1	68	0.00
44		2,4,5-Trichlorophenol	40.000	40.430	-1.1	68	0.00
45	S	2-Fluorobiphenyl	80.000	82.022	-2.5	70	0.00
46		1,1'-Biphenyl	40.000	39.821	0.4	68	0.00
47		2-Chloronaphthalene	40.000	39.634	0.9	69	0.00

Sample Results: **BP025217.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	41.364	-3.4	70	0.00
49		Acenaphthylene	40.000	40.585	-1.5	69	0.00
50		Dimethylphthalate	40.000	40.335	-0.8	71	0.00
51		2,6-Dinitrotoluene	40.000	41.167	-2.9	70	0.00
52	C	Acenaphthene	40.000	39.628	0.9	69	0.00
53		3-Nitroaniline	40.000	40.886	-2.2	71	0.00
54	P	2,4-Dinitrophenol	40.000	43.041	-7.6	74	0.00
55		Dibenzofuran	40.000	39.654	0.9	68	0.00
56	P	4-Nitrophenol	40.000	40.570	-1.4	71	0.01
57		2,4-Dinitrotoluene	40.000	41.787	-4.5	71	0.00
58		Fluorene	40.000	40.566	-1.4	70	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.480	-1.2	70	0.00
60		Diethylphthalate	40.000	40.800	-2.0	70	0.00
61		4-Chlorophenyl-phenylether	40.000	40.306	-0.8	69	0.01
62		4-Nitroaniline	40.000	42.282	-5.7	73	0.00
63		Azobenzene	40.000	40.879	-2.2	71	0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	71	0.01
65		4,6-Dinitro-2-methylphenol	40.000	41.173	-2.9	72	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.898	0.3	72	0.00
67		4-Bromophenyl-phenylether	40.000	39.669	0.8	71	0.00
68		Hexachlorobenzene	40.000	39.045	2.4	69	0.01
69		Atrazine	40.000	40.589	-1.5	74	0.00
70	C	Pentachlorophenol	40.000	39.511	1.2	70	0.02
71		Phenanthrene	40.000	39.459	1.4	71	0.01
72		Anthracene	40.000	40.549	-1.4	72	0.00
73		Carbazole	40.000	39.428	1.4	71	0.00
74		Di-n-butylphthalate	40.000	42.180	-5.4	74	0.02
75	C	Fluoranthene	40.000	39.724	0.7	72	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	73	0.01
77		Benzidine	40.000	42.589	-6.5	64	0.01
78		Pyrene	40.000	40.757	-1.9	73	0.02
79	S	Terphenyl-d14	80.000	79.620	0.5	82	0.00
80		Butylbenzylphthalate	40.000	39.741	0.6	72	0.00
81		Benzo(a)anthracene	40.000	39.881	0.3	74	0.01
82		3,3'-Dichlorobenzidine	40.000	39.157	2.1	73	0.02
83		Chrysene	40.000	39.884	0.3	74	0.02
84		Bis(2-ethylhexyl)phthalate	40.000	40.787	-2.0	74	0.01
85	c	Di-n-octyl phthalate	40.000	41.734	-4.3	76	0.01
86	I	Perylene-d12	20.000	20.000	0.0	74	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.805	0.5	76	0.05
88		Benzo(b)fluoranthene	40.000	39.276	1.8	74	0.03
89		Benzo(k)fluoranthene	40.000	39.094	2.3	72	0.00
90	C	Benzo(a)pyrene	40.000	38.952	2.6	73	0.01
91		Dibenzo(a,h)anthracene	40.000	39.976	0.1	75	0.05
92		Benzo(g,h,i)perylene	40.000	39.454	1.4	75	0.04

Sample Results: **BP025217.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 11:22

Lab File ID: BP025219.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.184	1.179		-0.4	
Phenol-d6	1.466	1.476		0.7	
Nitrobenzene-d5	0.360	0.360		0.0	
Naphthalene	1.023	1.020		-0.3	
2-Methylnaphthalene	0.665	0.659		-0.9	
2-Fluorobiphenyl	1.419	1.437		1.3	
Acenaphthylene	1.831	1.855		1.3	
Acenaphthene	1.059	1.059		0.0	20.0
Fluorene	1.358	1.377		1.4	
2,4,6-Tribromophenol	0.295	0.297		0.7	
Phenanthrene	1.079	1.056		-2.1	
Anthracene	1.087	1.071		-1.5	
Fluoranthene	1.270	1.247		-1.8	20.0
Pyrene	1.233	1.269		2.9	
Terphenyl-d14	1.013	1.053		3.9	
Benzo(a)anthracene	1.263	1.259		-0.3	
Chrysene	1.179	1.202		2.0	
Benzo(b)fluoranthene	1.145	1.121		-2.1	
Benzo(k)fluoranthene	1.130	1.116		-1.2	
Benzo(a)pyrene	1.117	1.103		-1.3	20.0
Indeno(1,2,3-cd)pyrene	1.462	1.474		0.8	
Dibenzo(a,h)anthracene	1.192	1.207		1.3	
Benzo(g,h,i)perylene	1.172	1.178		0.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	466387	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	1926823	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1245962	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2530825	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2561119	20.000	ng		0.01
86) Perylene-d12	24.471	264	3092373	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	2199993	79.702	ng		0.00
7) Phenol-d6	6.643	99	2753956	80.555	ng		0.00
23) Nitrobenzene-d5	8.572	82	2777598	80.111	ng		0.00
42) 2,4,6-Tribromophenol	15.601	330	1479896	80.568	ng		-0.01
45) 2-Fluorobiphenyl	12.684	172	7160639	81.023	ng		0.00
79) Terphenyl-d14	19.666	244	10791584	83.178	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.120	88	412440	39.868	ng		99
3) Pyridine	3.496	79	1102898	39.826	ng		99
4) n-Nitrosodimethylamine	3.408	42	435541	39.659	ng		97
6) Aniline	6.778	93	1820779	40.744	ng		100
8) 2-Chlorophenol	7.014	128	1259286	40.208	ng		98
9) Benzaldehyde	6.596	77	897525	38.721	ng		99
10) Phenol	6.666	94	1433985	40.446	ng		100
11) bis(2-Chloroethyl)ether	6.884	93	1096307	40.333	ng		98
12) 1,3-Dichlorobenzene	7.325	146	1385370	39.335	ng		100
13) 1,4-Dichlorobenzene	7.472	146	1412217	39.724	ng		100
14) 1,2-Dichlorobenzene	7.778	146	1364981	39.912	ng		100
15) Benzyl Alcohol	7.672	79	1008558	40.898	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	1372323	39.458	ng		99
17) 2-Methylphenol	7.884	107	1000788	40.716	ng		99
18) Hexachloroethane	8.490	117	484449	39.625	ng		99
19) n-Nitroso-di-n-propyla...	8.237	70	851504	41.403	ng		99
20) 3+4-Methylphenols	8.208	107	1370088	40.863	ng		99
22) Acetophenone	8.243	105	1785923	39.833	ng	#	99
24) Nitrobenzene	8.613	77	1239014	40.088	ng		98
25) Isophorone	9.137	82	2424147	39.759	ng		100
26) 2-Nitrophenol	9.308	139	724511	40.821	ng		99
27) 2,4-Dimethylphenol	9.384	122	1188270	40.011	ng		99
28) bis(2-Chloroethoxy)met...	9.613	93	1510070	39.596	ng		100
29) 2,4-Dichlorophenol	9.849	162	1223755	40.108	ng		100
30) 1,2,4-Trichlorobenzene	10.049	180	1296178	38.895	ng		99
31) Naphthalene	10.231	128	3930225	39.861	ng		99
32) Benzoic acid	9.537	122	872453	38.480	ng		97
33) 4-Chloroaniline	10.343	127	1757797	40.557	ng		99
34) Hexachlorobutadiene	10.525	225	783786	39.076	ng		100
35) Caprolactam	11.131	113	406774	40.170	ng		96
36) 4-Chloro-3-methylphenol	11.484	107	1238843	40.618	ng		100
37) 2-Methylnaphthalene	11.849	142	2540259	39.677	ng		99
38) 1-Methylnaphthalene	12.072	142	2687973	39.968	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1491819	39.944	ng		100
41) Hexachlorocyclopentadiene	12.213	237	940689	42.194	ng		99
43) 2,4,6-Trichlorophenol	12.478	196	1035854	40.592	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

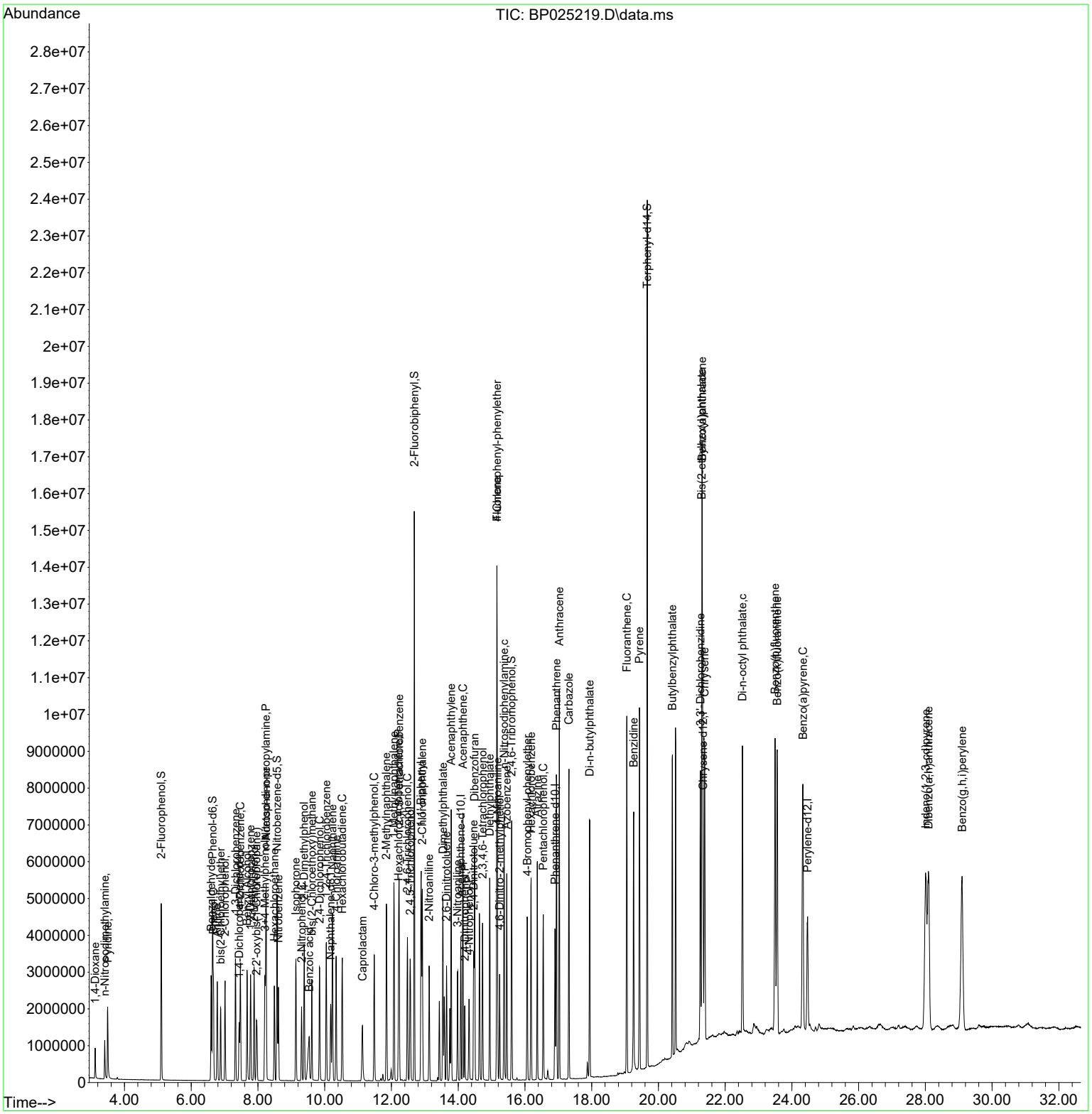
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1133949	40.380	ng	98
46) 1,1'-Biphenyl	12.890	154	3638037	40.278	ng	99
47) 2-Chloronaphthalene	12.925	162	2827609	40.098	ng	100
48) 2-Nitroaniline	13.131	65	746854	41.473	ng	98
49) Acenaphthylene	13.790	152	4622988	40.533	ng	99
50) Dimethylphthalate	13.543	163	3559355	39.945	ng	99
51) 2,6-Dinitrotoluene	13.648	165	784404	40.513	ng	95
52) Acenaphthene	14.143	154	2639356	40.018	ng	100
53) 3-Nitroaniline	13.984	138	874904	40.071	ng	97
54) 2,4-Dinitrophenol	14.195	184	475756	41.472	ng	99
55) Dibenzofuran	14.490	168	4268397	40.066	ng	99
56) 4-Nitrophenol	14.325	139	755490	40.436	ng	98
57) 2,4-Dinitrotoluene	14.460	165	1117080	41.217	ng	99
58) Fluorene	15.160	166	3432050	40.579	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1007317	40.533	ng	100
60) Diethylphthalate	14.948	149	3514021	40.011	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1706307	39.925	ng	97
62) 4-Nitroaniline	15.178	138	917496	41.319	ng	98
63) Azobenzene	15.454	77	2868934	40.086	ng	99
65) 4,6-Dinitro-2-methylph...	15.243	198	672511	41.175	ng	98
66) n-Nitrosodiphenylamine	15.378	169	3005446	39.125	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1156900	39.169	ng	100
68) Hexachlorobenzene	16.184	284	1357253	38.695	ng	98
69) Atrazine	16.372	200	1119581	39.387	ng	98
70) Pentachlorophenol	16.548	266	938309	39.338	ng	99
71) Phenanthrene	16.942	178	5343916	39.150	ng	100
72) Anthracene	17.031	178	5419810	39.414	ng	100
73) Carbazole	17.319	167	5140047	39.157	ng	100
74) Di-n-butylphthalate	17.942	149	6265773	41.369	ng	100
75) Fluoranthene	19.054	202	6314252	39.305	ng	99
77) Benzidine	19.260	184	4005958	44.552	ng	99
78) Pyrene	19.431	202	6501312	41.170	ng	99
80) Butylbenzylphthalate	20.419	149	2874425	40.212	ng	98
81) Benzo(a)anthracene	21.313	228	6449789	39.878	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	2671574	39.849	ng	99
83) Chrysene	21.383	228	6158415	40.790	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4064933	39.770	ng	100
85) Di-n-octyl phthalate	22.519	149	7275962	41.223	ng	99
87) Indeno(1,2,3-cd)pyrene	28.007	276	9114238	40.332	ng	96
88) Benzo(b)fluoranthene	23.495	252	6930203	39.151	ng	99
89) Benzo(k)fluoranthene	23.560	252	6903516	39.505	ng	99
90) Benzo(a)pyrene	24.330	252	6819808	39.488	ng	100
91) Dibenzo(a,h)anthracene	28.095	278	7466678	40.499	ng	99
92) Benzo(g,h,i)perylene	29.101	276	7287179	40.219	ng	99

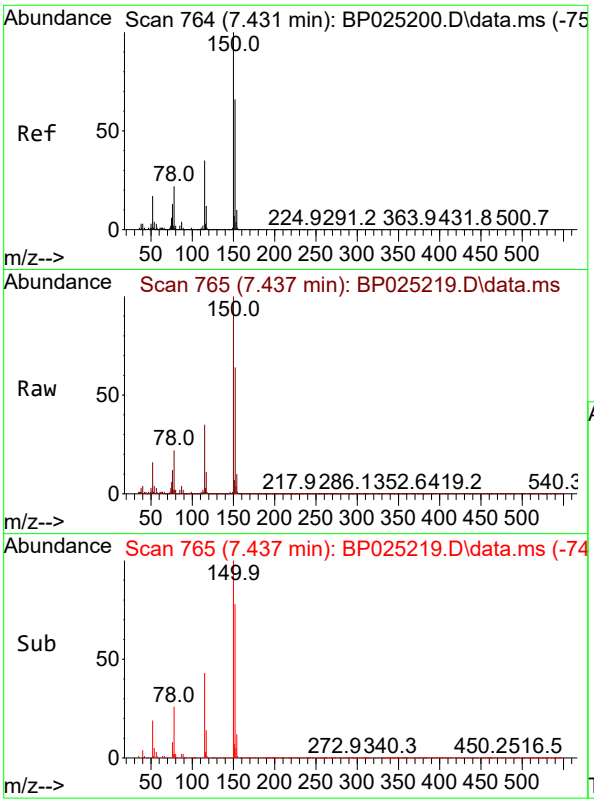
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



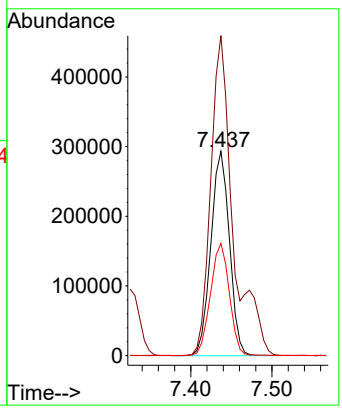


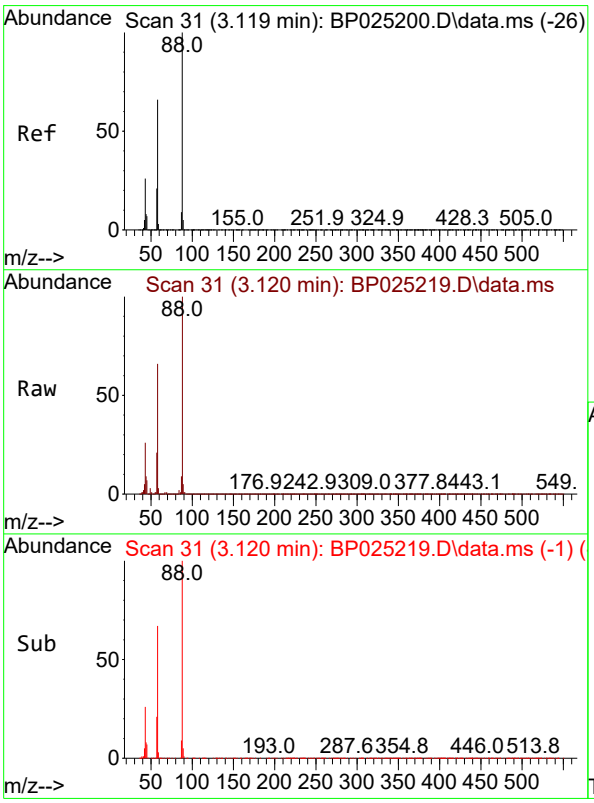
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 466387

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.9	182.9
115	55.0	43.0	64.6

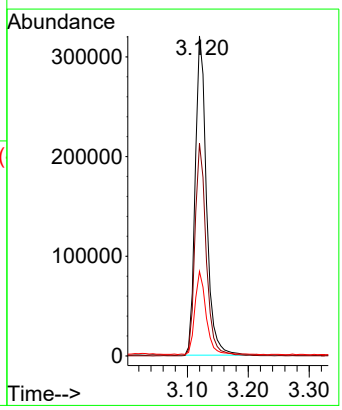


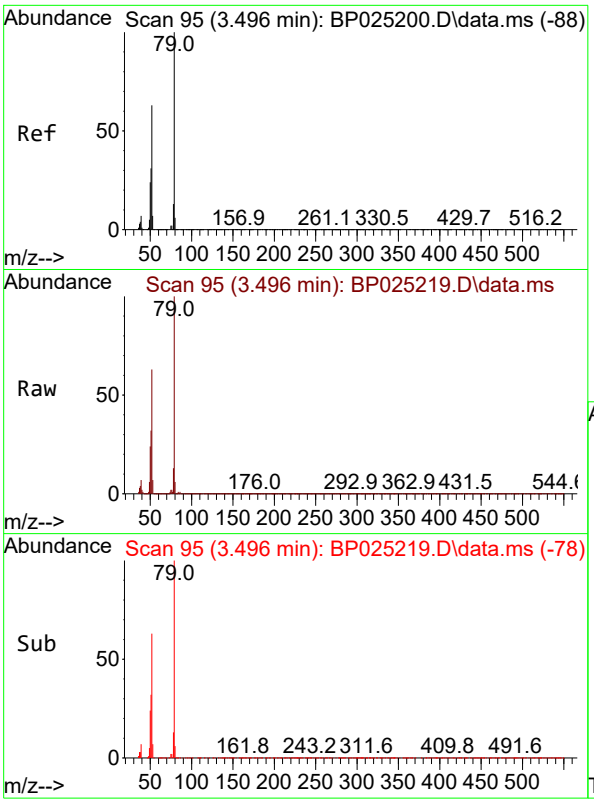


#2
1,4-Dioxane
Concen: 39.868 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 88 Resp: 412440

Ion	Ratio	Lower	Upper
88	100		
58	66.3	53.5	80.3
43	26.5	20.8	31.2



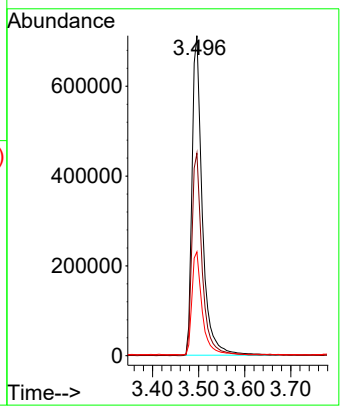


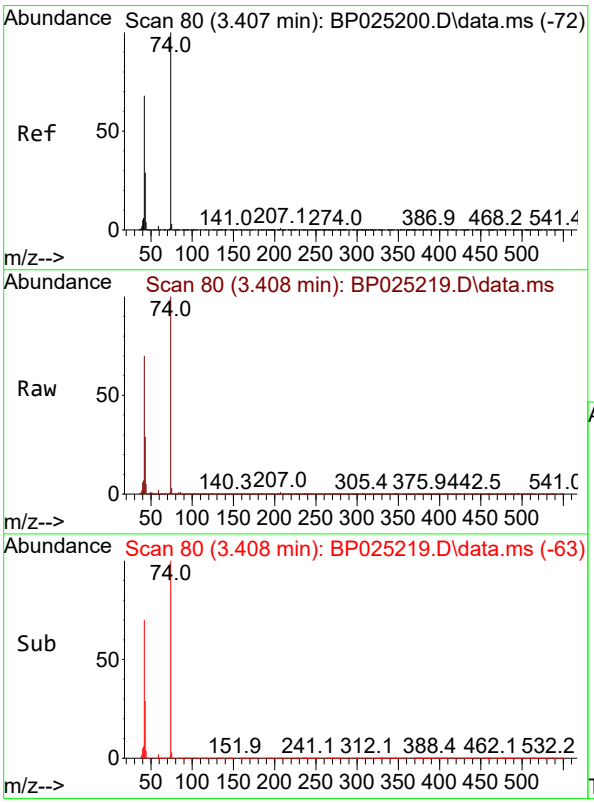
#3
Pyridine
Concen: 39.826 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1102898

Ion	Ratio	Lower	Upper
79	100		
52	63.3	50.2	75.4
51	32.4	25.0	37.4

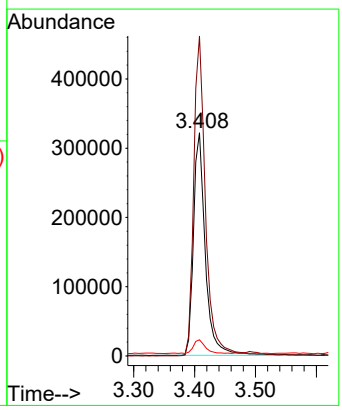


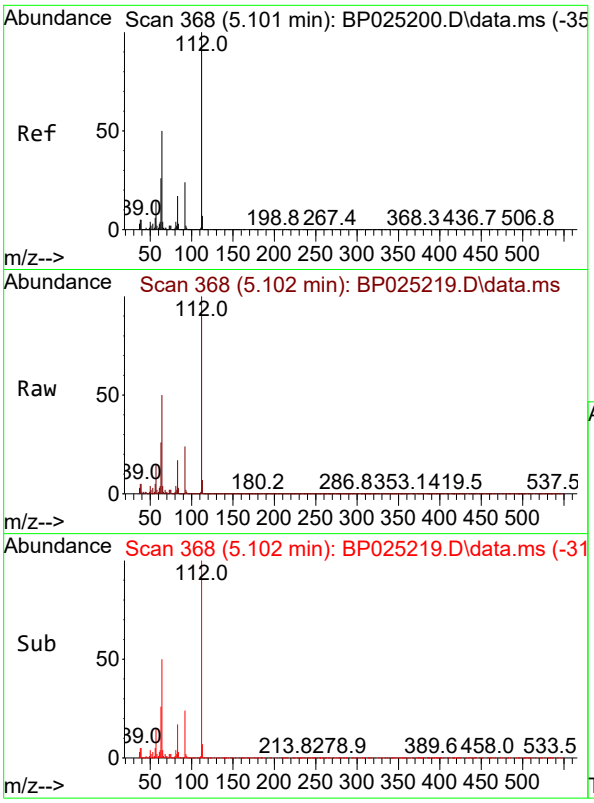


#4
n-Nitrosodimethylamine
Concen: 39.659 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 42 Resp: 435541

Ion	Ratio	Lower	Upper
42	100		
74	143.3	118.0	177.0
44	7.2	5.5	8.3



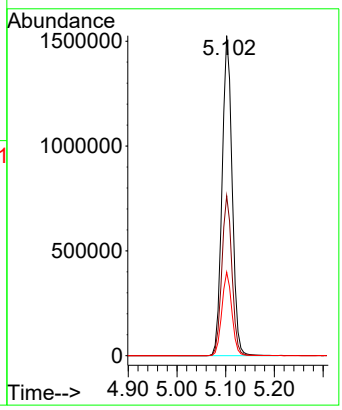


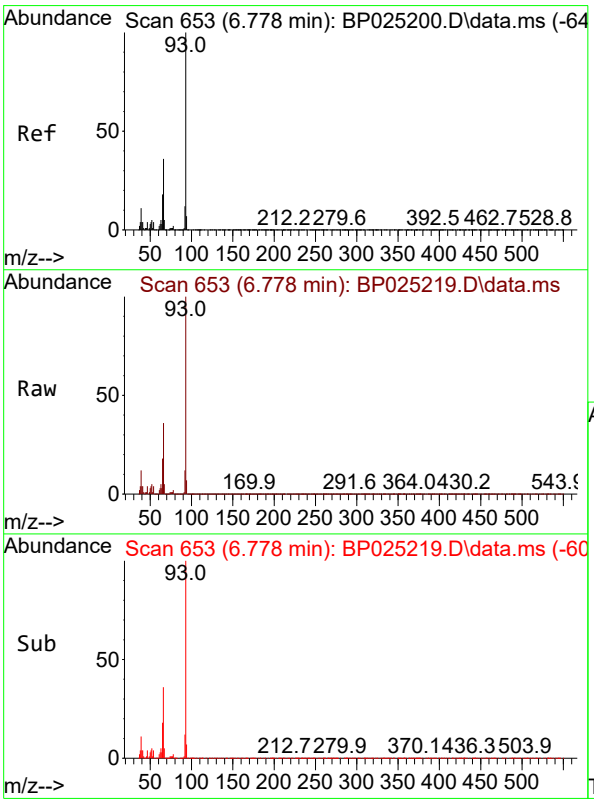
#5
2-Fluorophenol
Concen: 79.702 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2199993

Ion	Ratio	Lower	Upper
112	100		
64	50.0	39.8	59.6
63	26.1	20.5	30.7

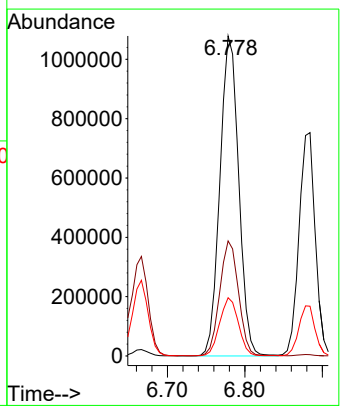


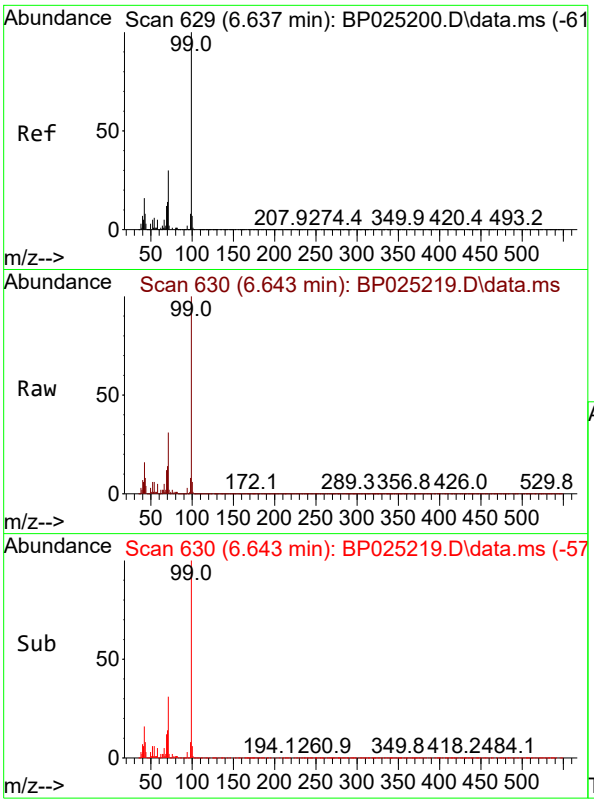


#6
Aniline
Concen: 40.744 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 93 Resp: 1820779

Ion	Ratio	Lower	Upper
93	100		
66	36.0	28.6	43.0
65	18.2	14.6	21.8



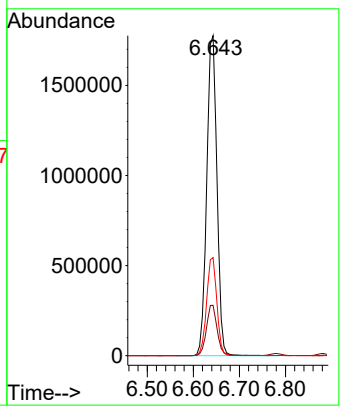


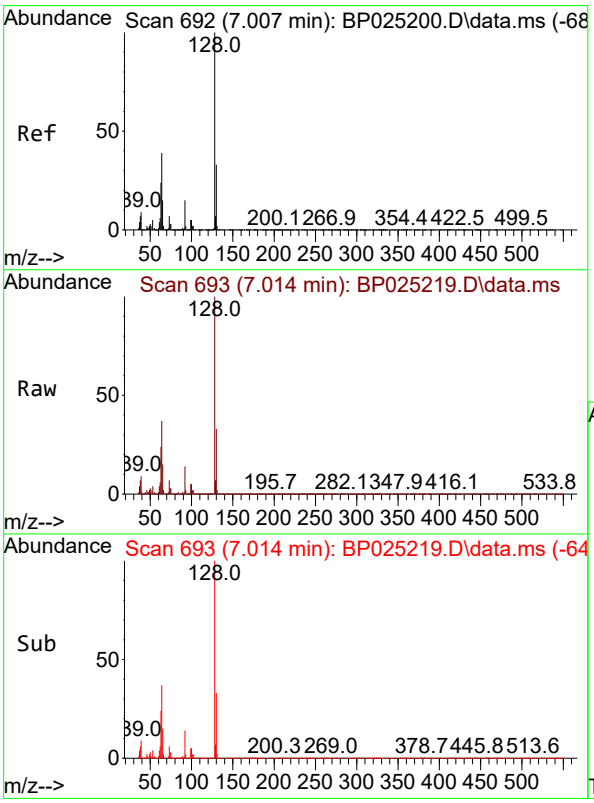
#7
Phenol-d6
Concen: 80.555 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2753956

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	30.6	24.2	36.2

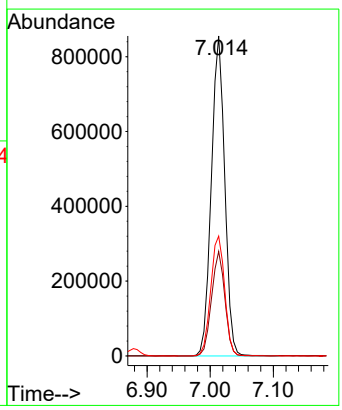


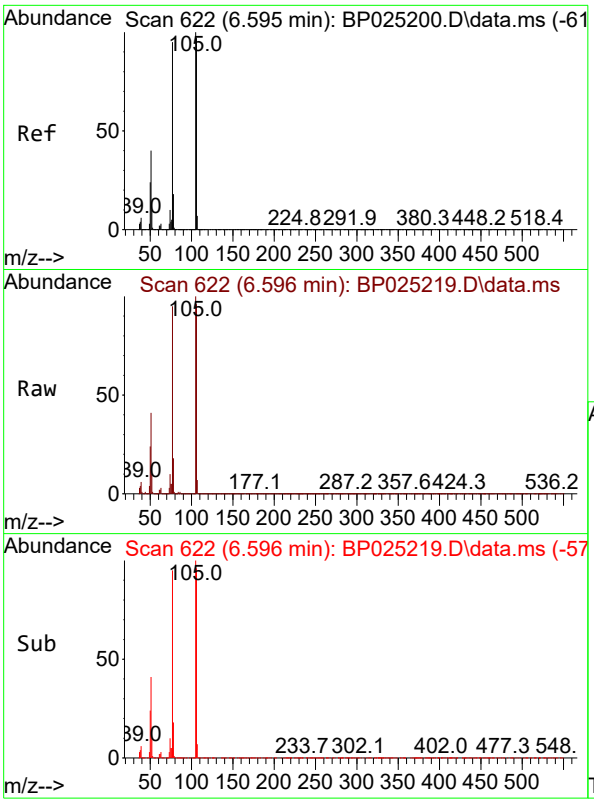


#8
2-Chlorophenol
Concen: 40.208 ng
RT: 7.014 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:128 Resp: 1259286

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	37.5	19.2	59.2



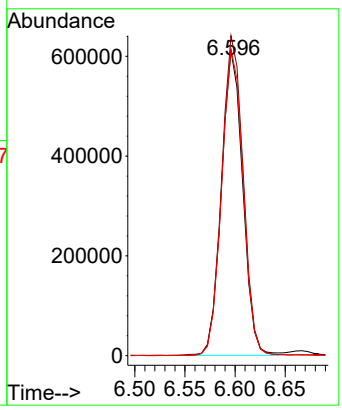


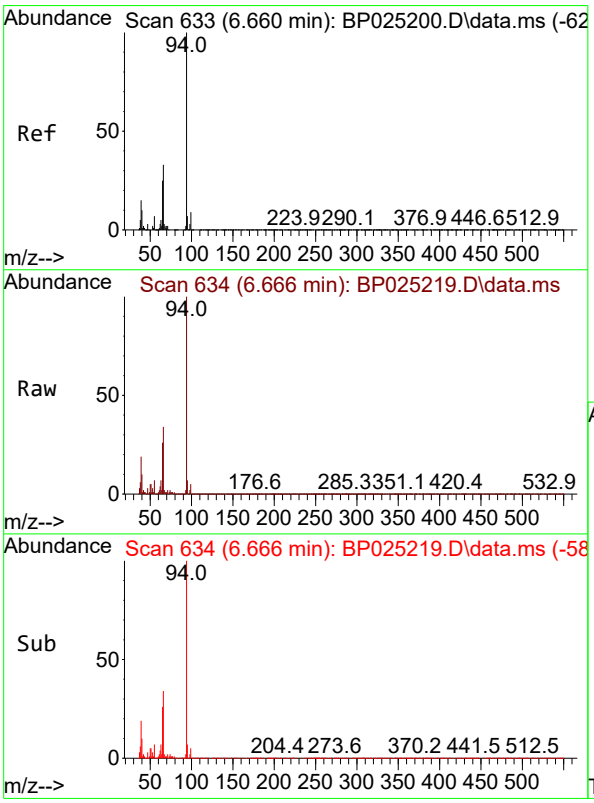
#9
Benzaldehyde
Concen: 38.721 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 897525

Ion	Ratio	Lower	Upper
77	100		
105	104.9	85.5	125.5
106	100.4	81.9	121.9

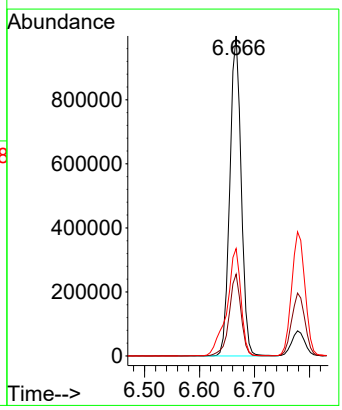


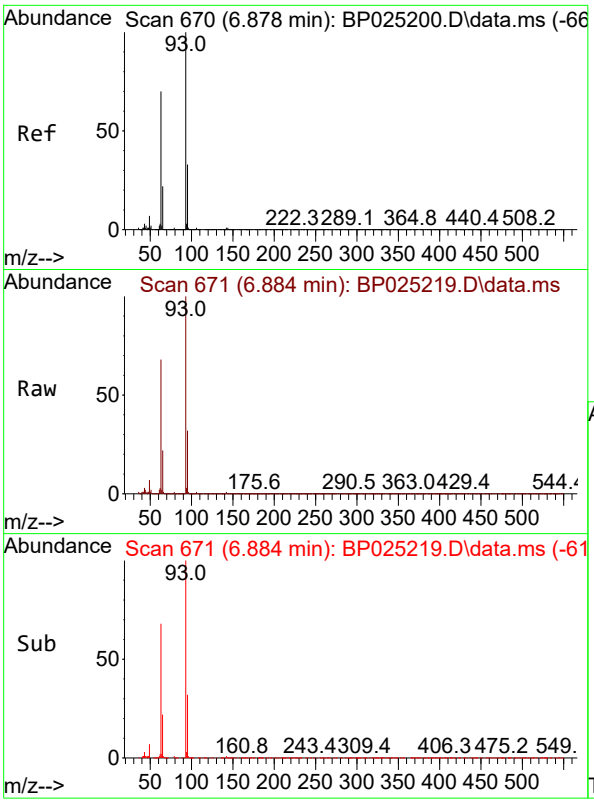


#10
Phenol
Concen: 40.446 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 94 Resp: 1433985

Ion	Ratio	Lower	Upper
94	100		
65	25.5	5.4	45.4
66	33.6	13.5	53.5



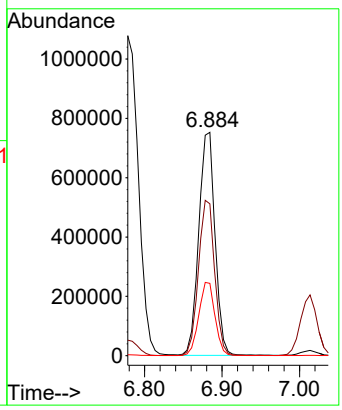


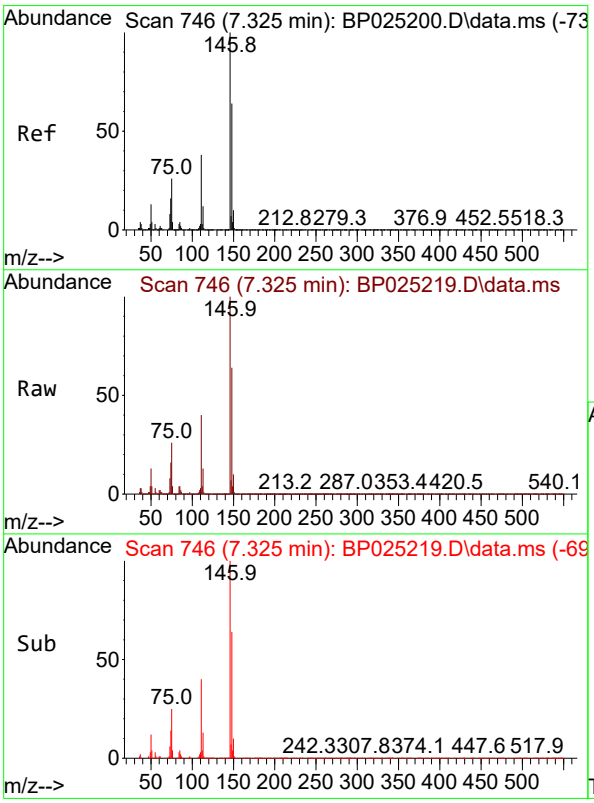
#11
bis(2-Chloroethyl)ether
Concen: 40.333 ng
RT: 6.884 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1096307

Ion	Ratio	Lower	Upper
93	100		
63	68.0	50.0	90.0
95	32.4	12.9	52.9

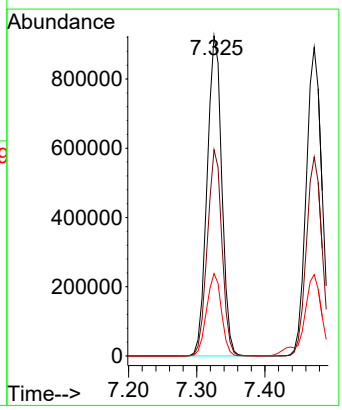


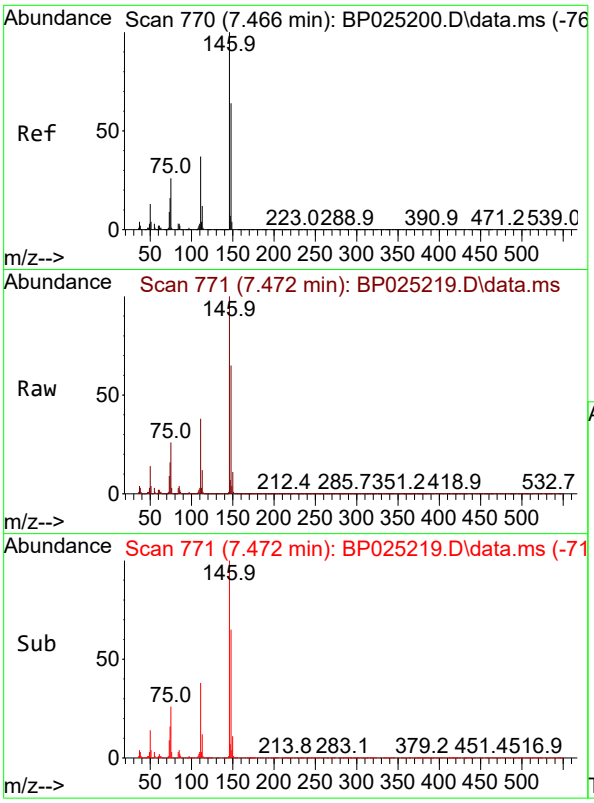


#12
1,3-Dichlorobenzene
Concen: 39.335 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:146 Resp: 1385370

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	25.8	20.6	31.0



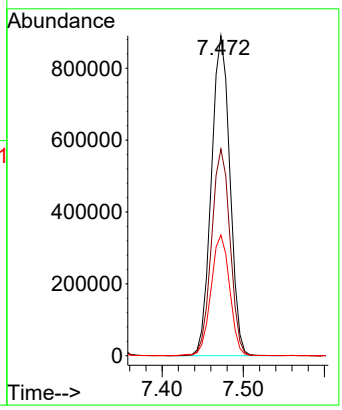


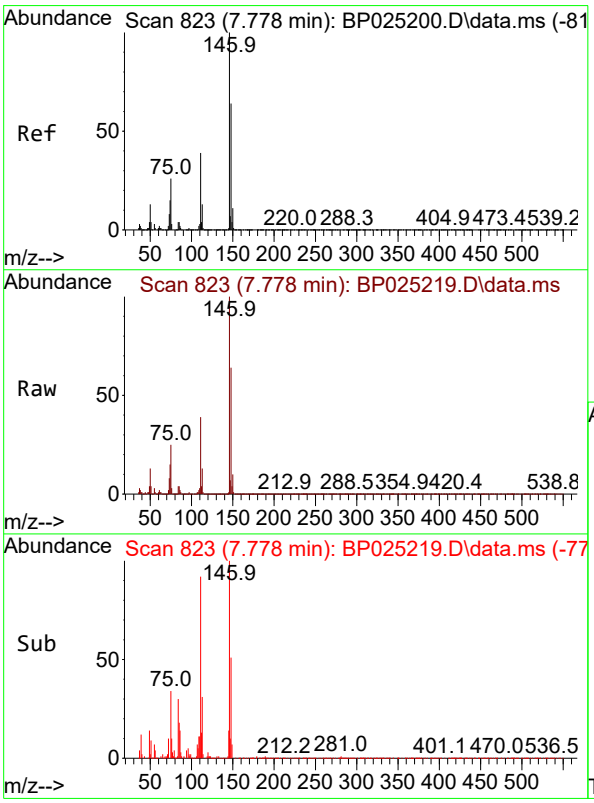
#13
1,4-Dichlorobenzene
Concen: 39.724 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1412217

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	37.6	29.9	44.9

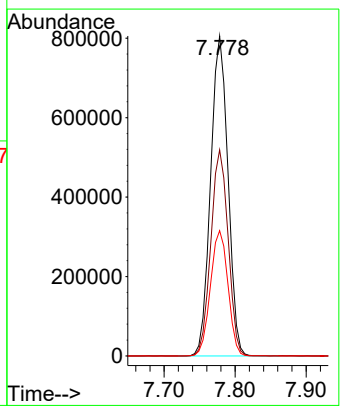


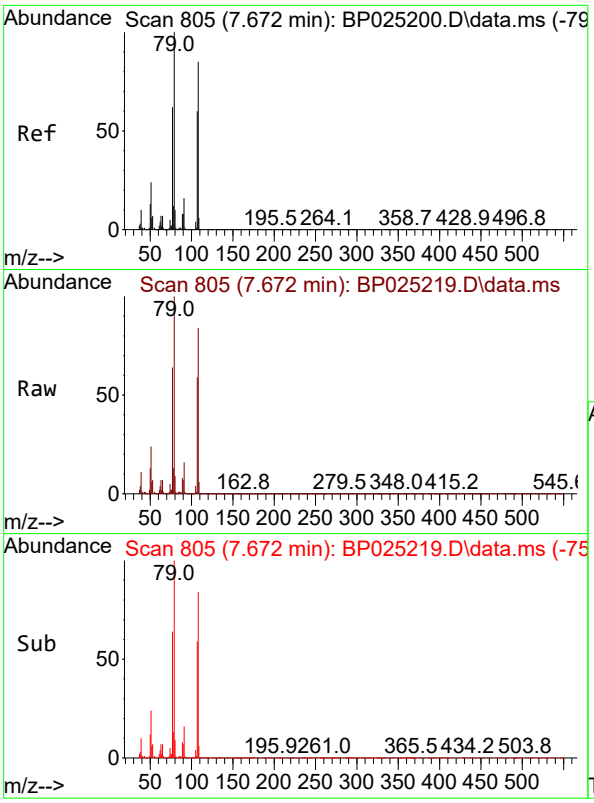


#14
1,2-Dichlorobenzene
Concen: 39.912 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:146 Resp: 1364981

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	39.2	31.3	46.9



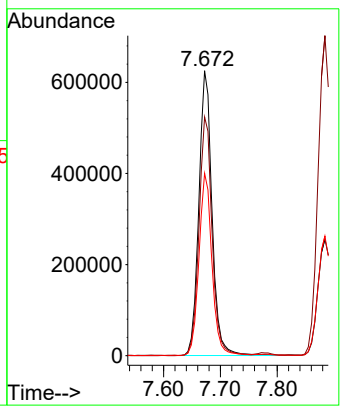


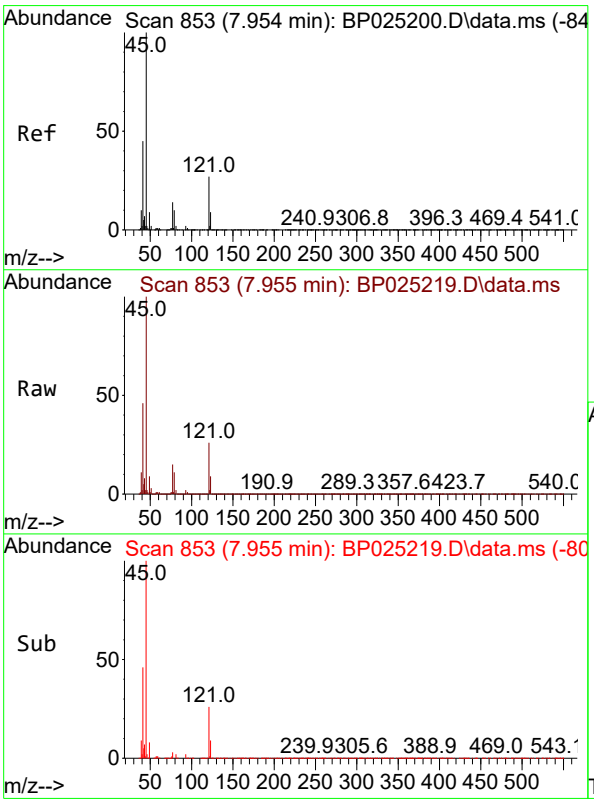
#15
Benzyl Alcohol
Concen: 40.898 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1008558

Ion	Ratio	Lower	Upper
79	100		
108	83.8	67.8	101.6
77	64.0	49.9	74.9

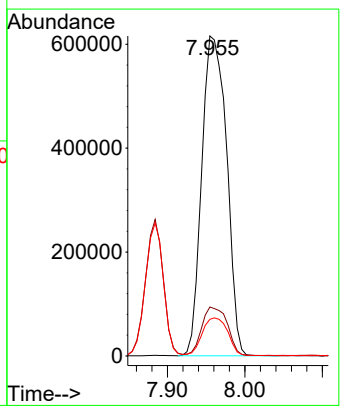


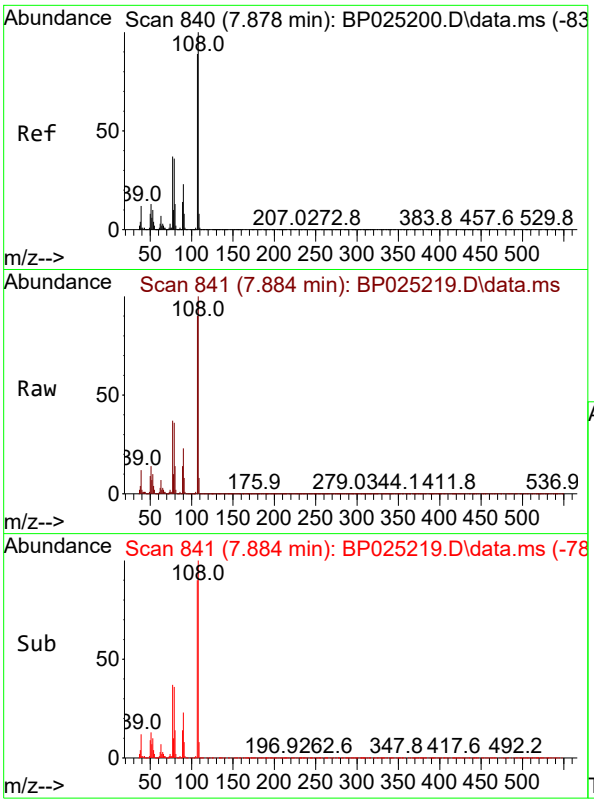


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.458 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 45 Resp: 1372323

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	36.0
79	11.4	0.0	31.7



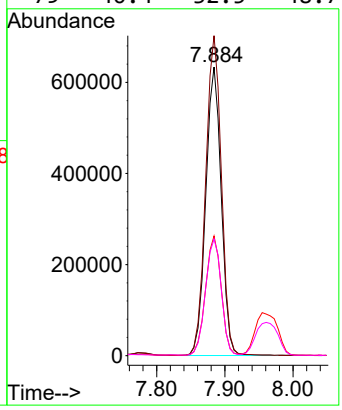


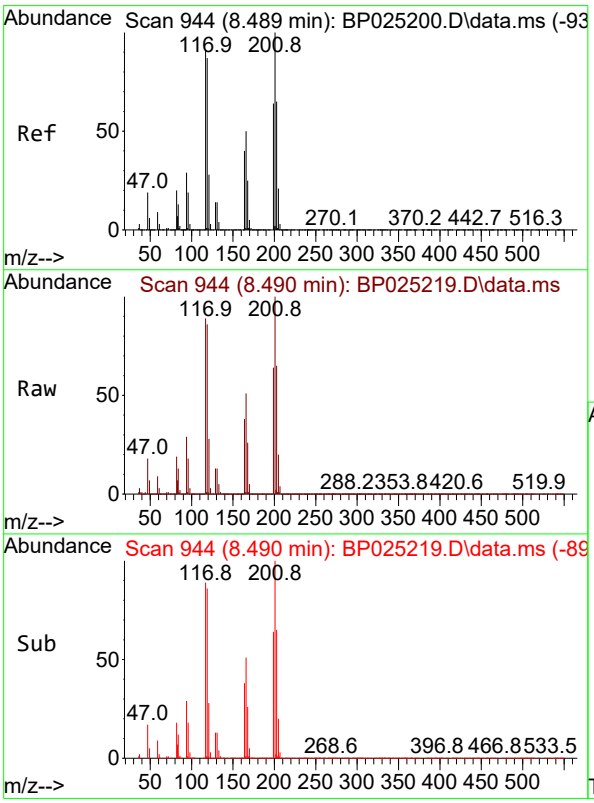
#17
2-Methylphenol
Concen: 40.716 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 1000788

Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.8	134.8
77	41.5	33.2	49.8
79	40.4	32.5	48.7

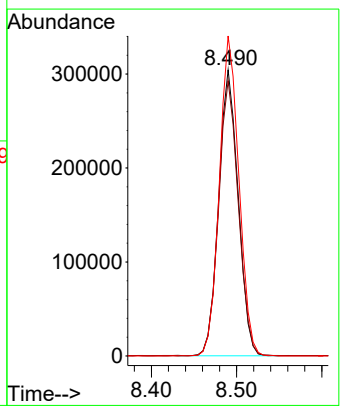


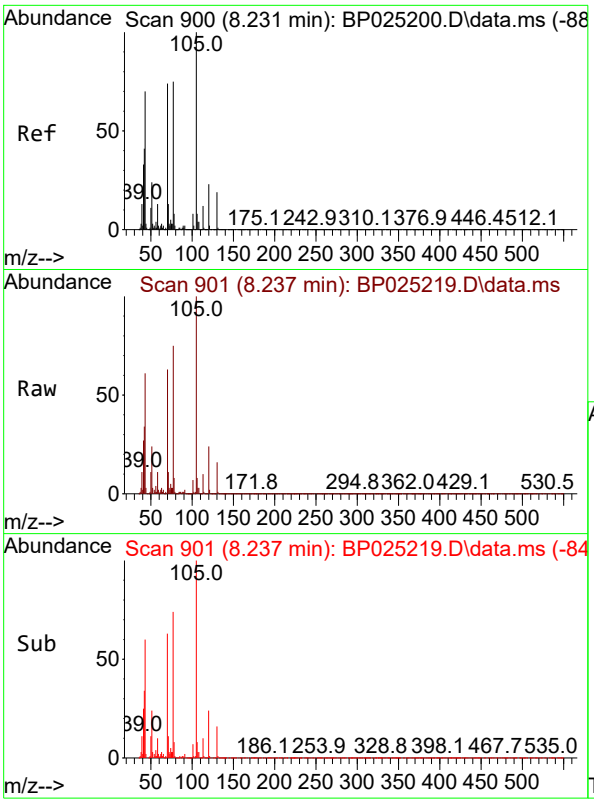


#18
Hexachloroethane
Concen: 39.625 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:117 Resp: 484449

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.6
201	111.9	88.3	132.5



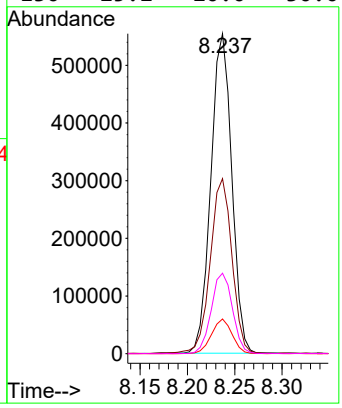


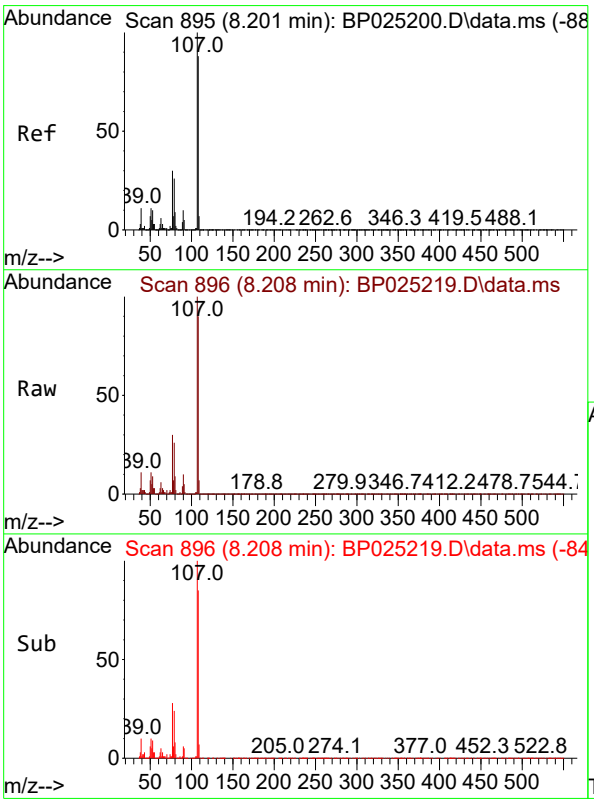
#19
n-Nitroso-di-n-propylamine
Concen: 41.403 ng
RT: 8.237 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 851504

Ion	Ratio	Lower	Upper
70	100		
42	54.7	44.2	66.2
101	10.9	8.6	12.8
130	25.2	20.0	30.0

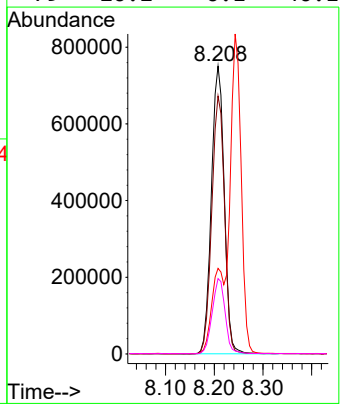


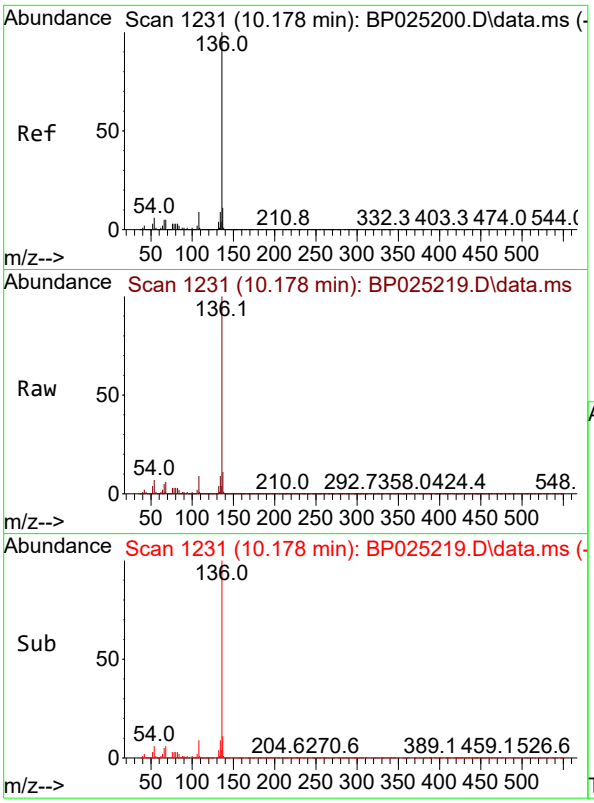


#20
3+4-Methylphenols
Concen: 40.863 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:107 Resp: 1370088

Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.8	107.8
77	29.7	10.3	50.3
79	26.2	6.1	46.1



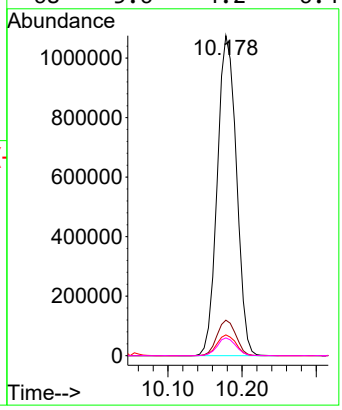


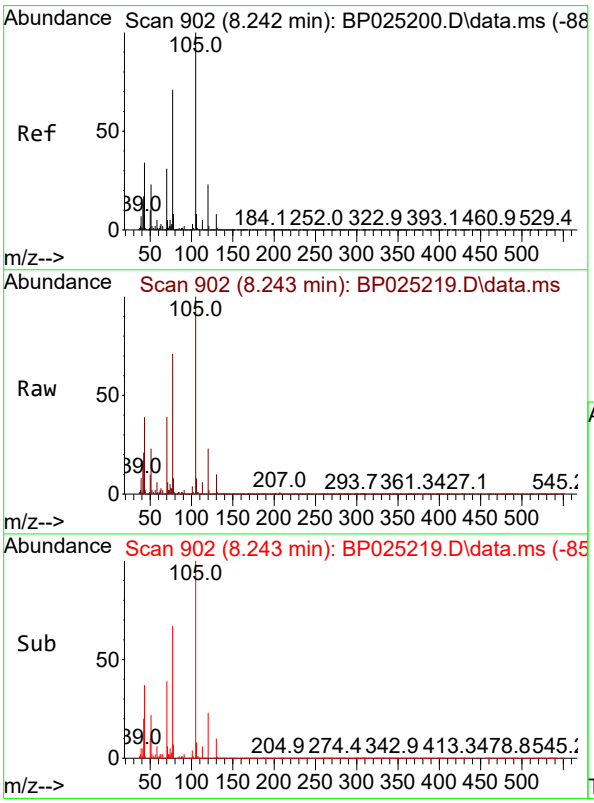
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1926823

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.6	4.2	6.4

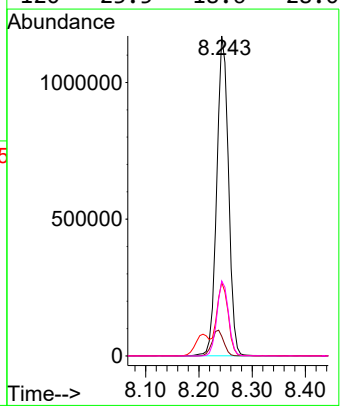


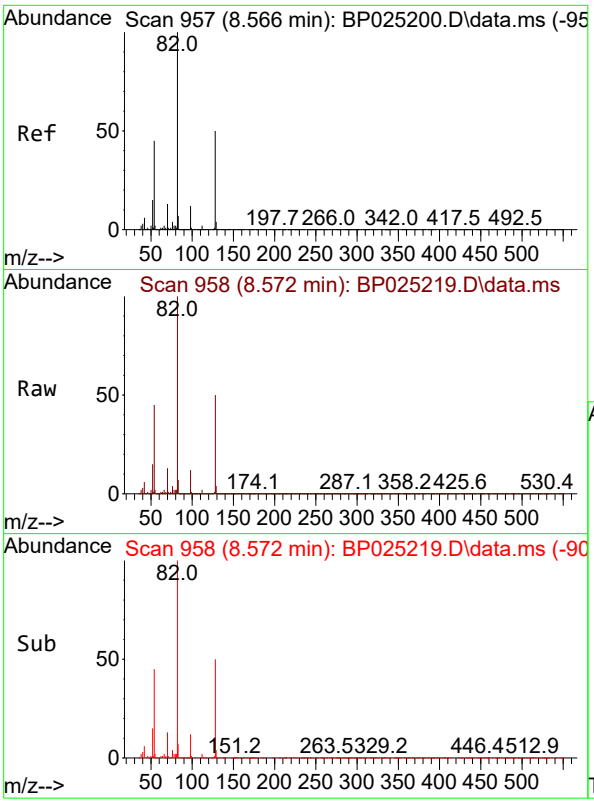


#22
Acetophenone
Concen: 39.833 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:105 Resp: 1785923

Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.1	6.1#
51	23.0	18.5	27.7
120	23.5	18.6	28.0



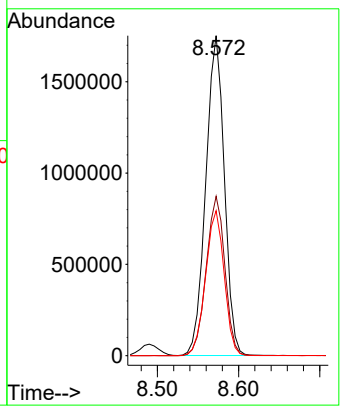


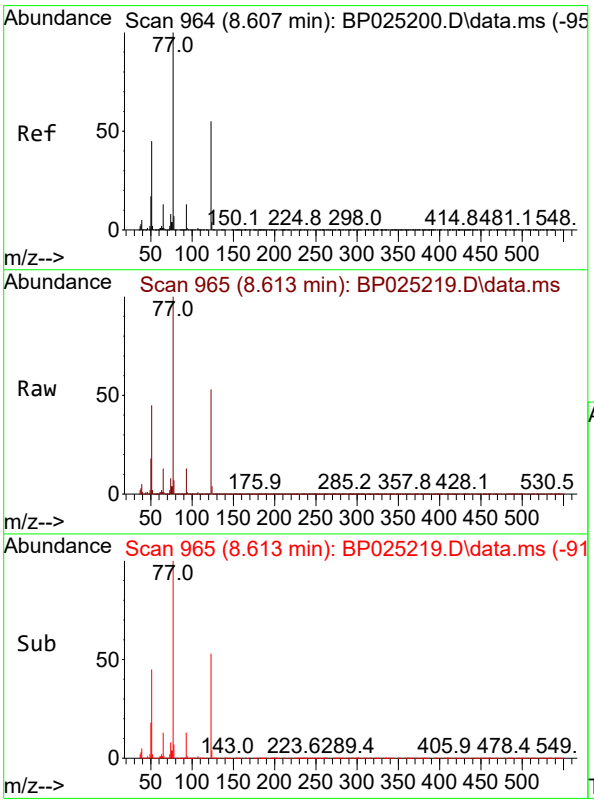
#23
Nitrobenzene-d5
Concen: 80.111 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2777598

Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.2	60.4
54	45.3	36.3	54.5

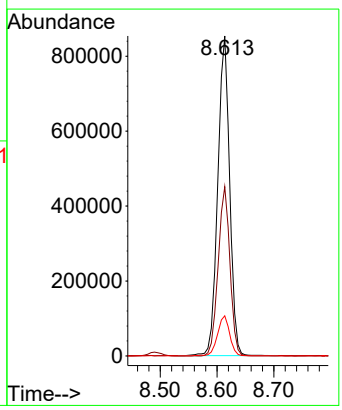


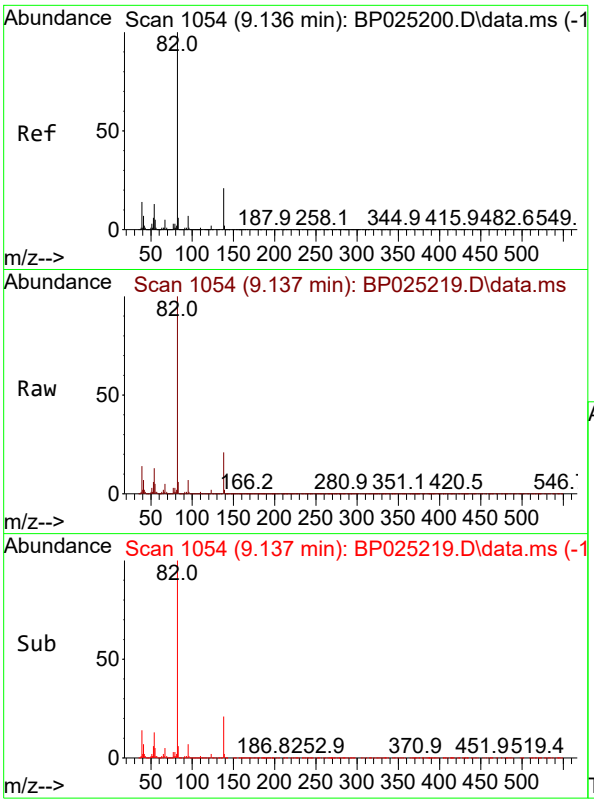


#24
Nitrobenzene
Concen: 40.088 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 77 Resp: 1239014

Ion	Ratio	Lower	Upper
77	100		
123	52.9	43.6	65.4
65	12.5	10.2	15.2



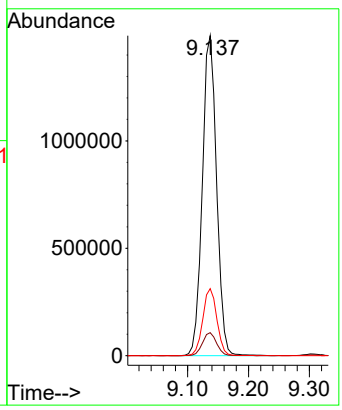


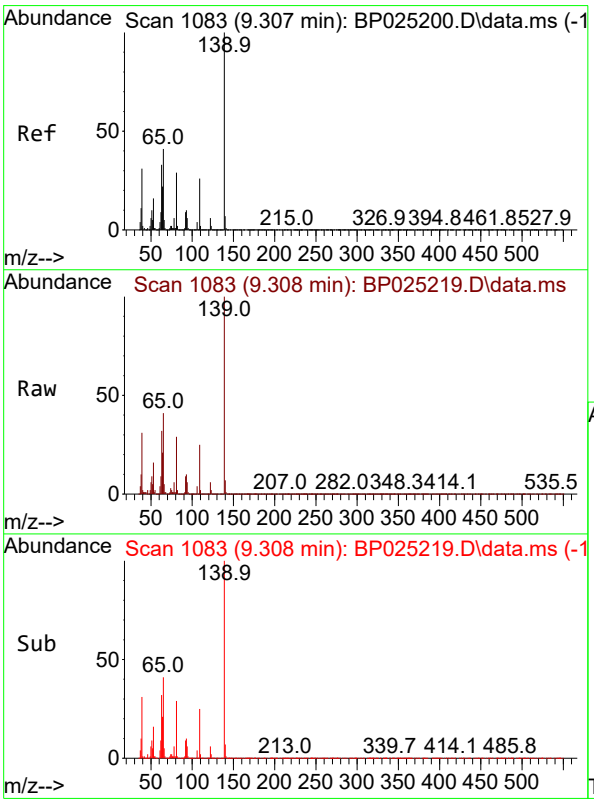
#25
Isophorone
Concen: 39.759 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2424147

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	20.9	16.6	25.0

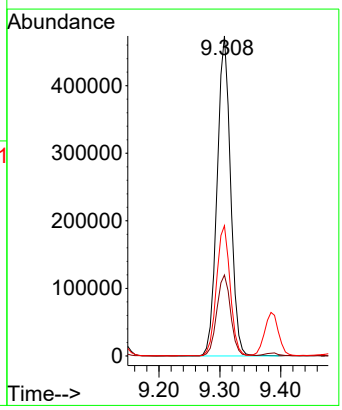


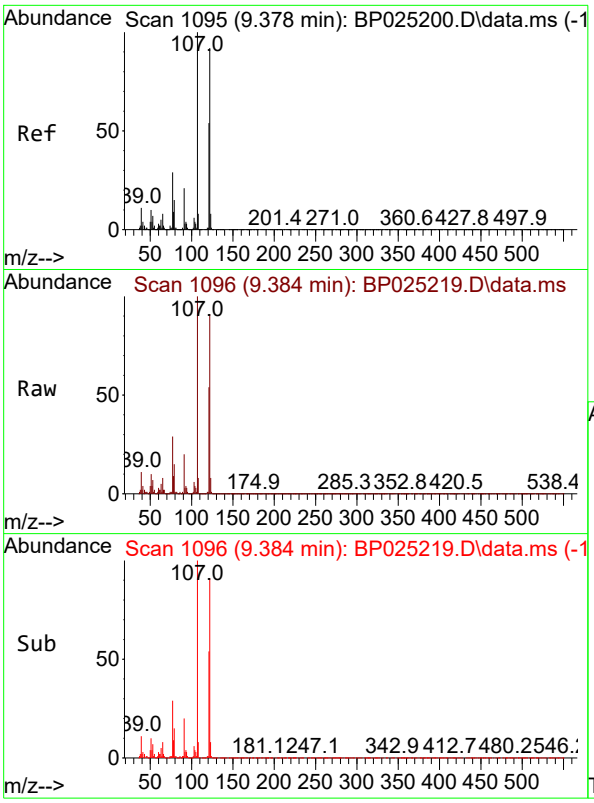


#26
2-Nitrophenol
Concen: 40.821 ng
RT: 9.308 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:139 Resp: 724511

Ion	Ratio	Lower	Upper
139	100		
109	25.3	21.0	31.6
65	40.7	32.7	49.1



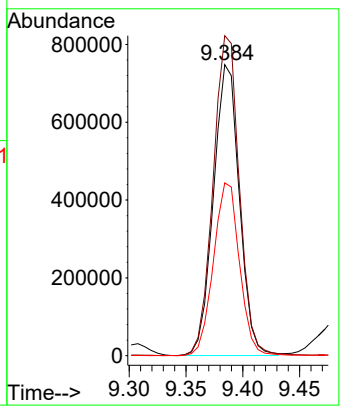


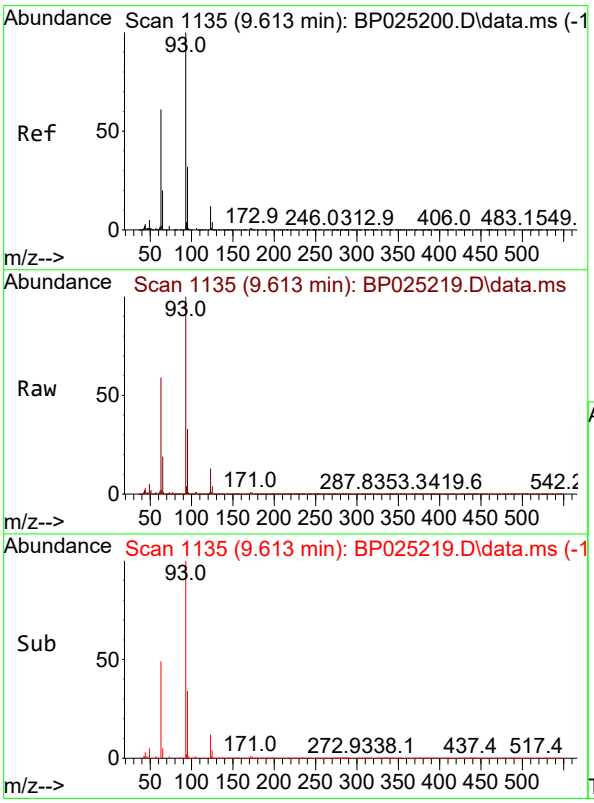
#27
2,4-Dimethylphenol
Concen: 40.011 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 1188270

Ion	Ratio	Lower	Upper
122	100		
107	110.0	87.0	130.4
121	59.4	46.7	70.1

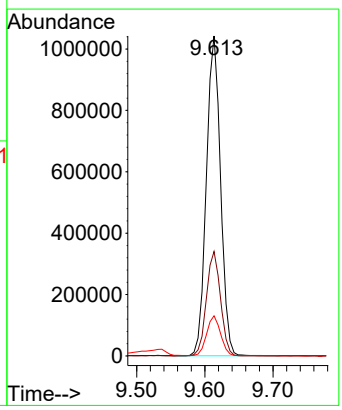


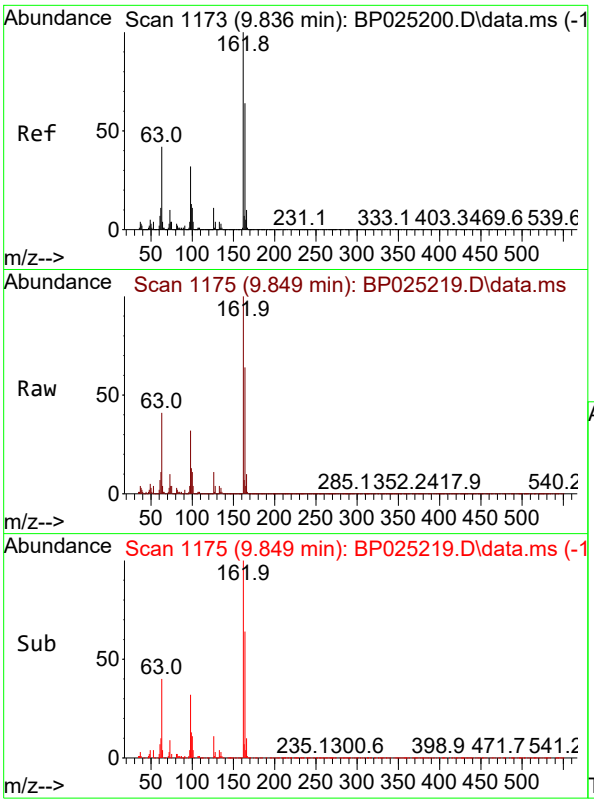


#28
bis(2-Chloroethoxy)methane
Concen: 39.596 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 93 Resp: 1510070

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.6	9.8	14.6



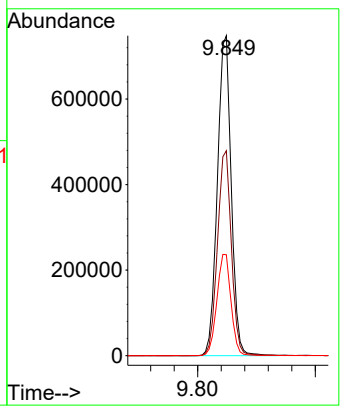


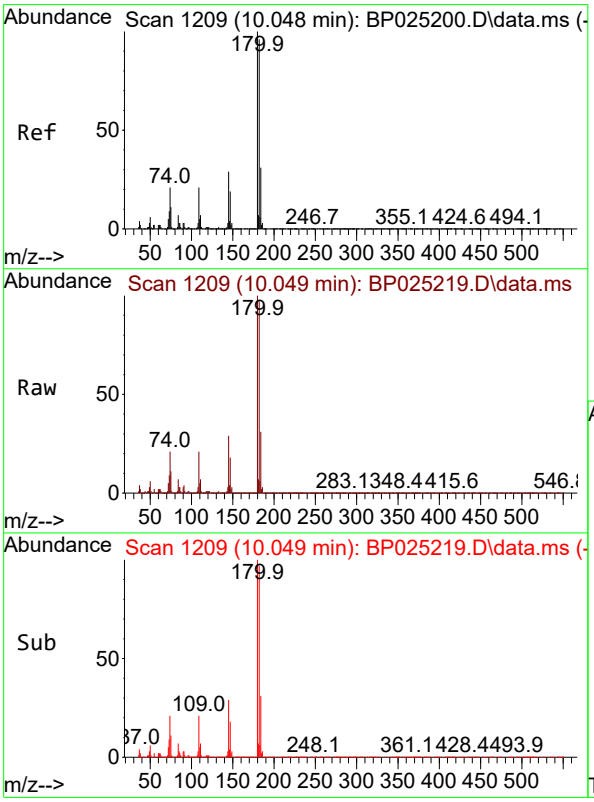
#29
2,4-Dichlorophenol
Concen: 40.108 ng
RT: 9.849 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1223755

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.2	84.2
98	31.6	11.7	51.7

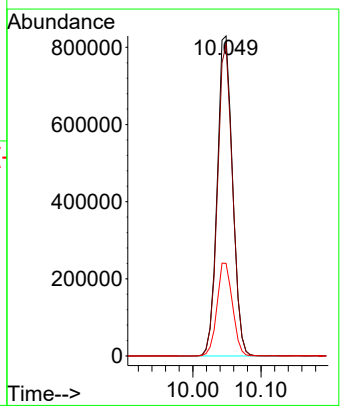


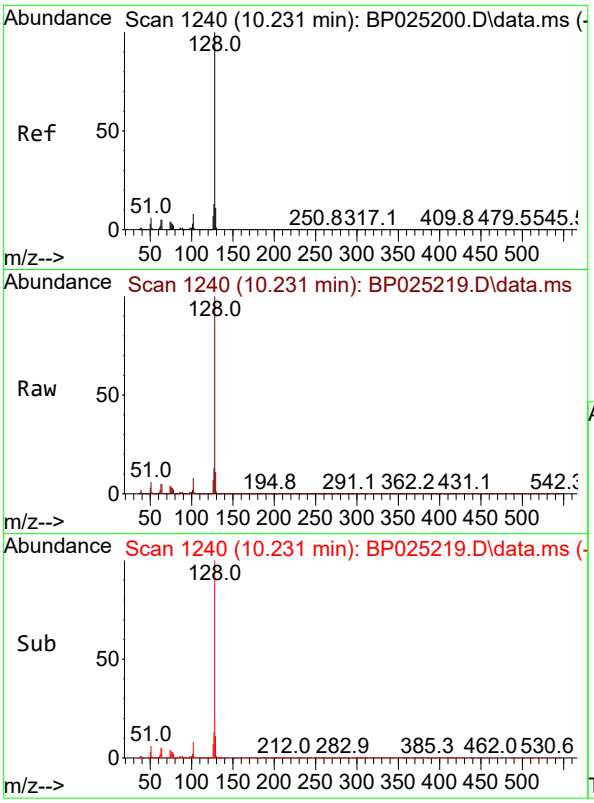


#30
1,2,4-Trichlorobenzene
Concen: 38.895 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:180 Resp: 1296178

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.7	115.1
145	28.9	23.5	35.3



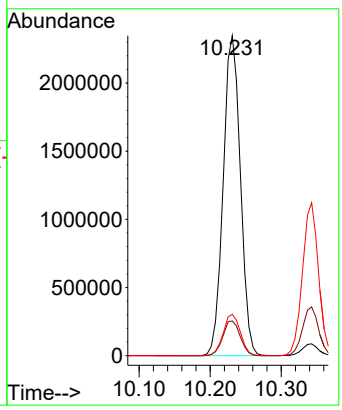


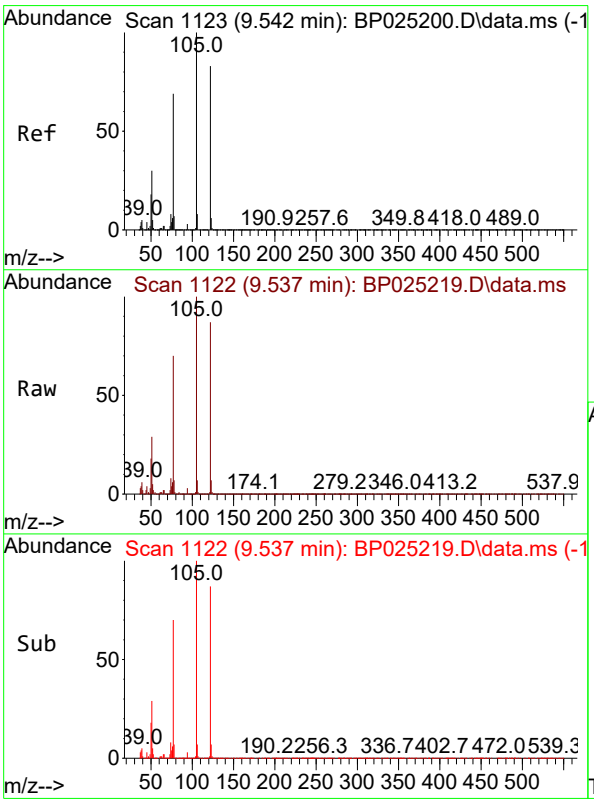
#31
Naphthalene
Concen: 39.861 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3930225

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	10.4	15.6

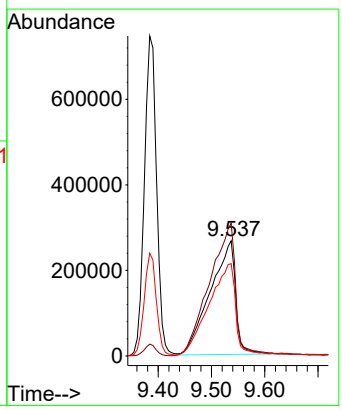


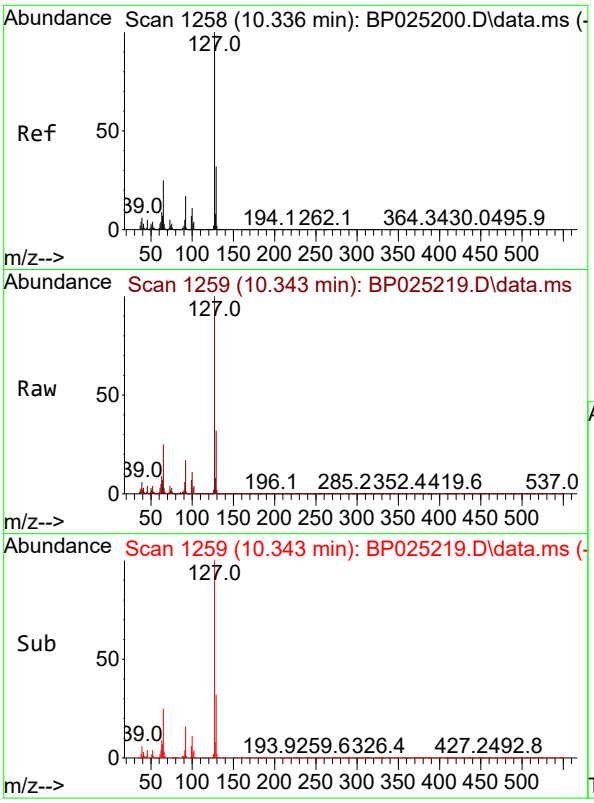


#32
Benzoic acid
Concen: 38.480 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:122 Resp: 872453

Ion	Ratio	Lower	Upper
122	100		
105	115.1	98.1	138.1
77	80.1	62.7	102.7



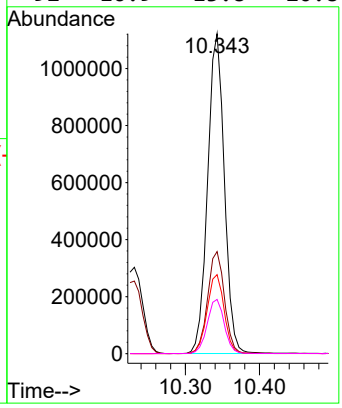


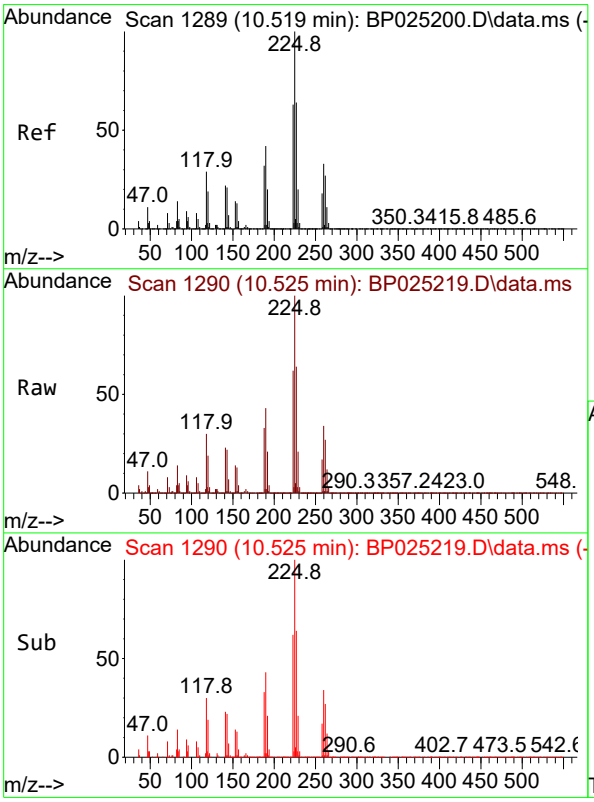
#33
4-Chloroaniline
Concen: 40.557 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1757797

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	24.7	20.2	30.4
92	16.9	13.8	20.8

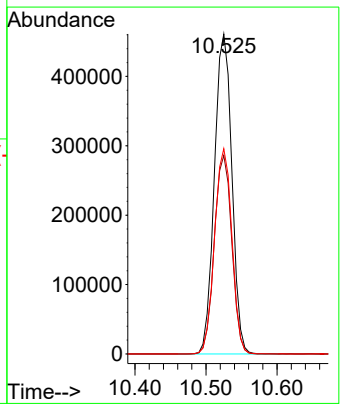


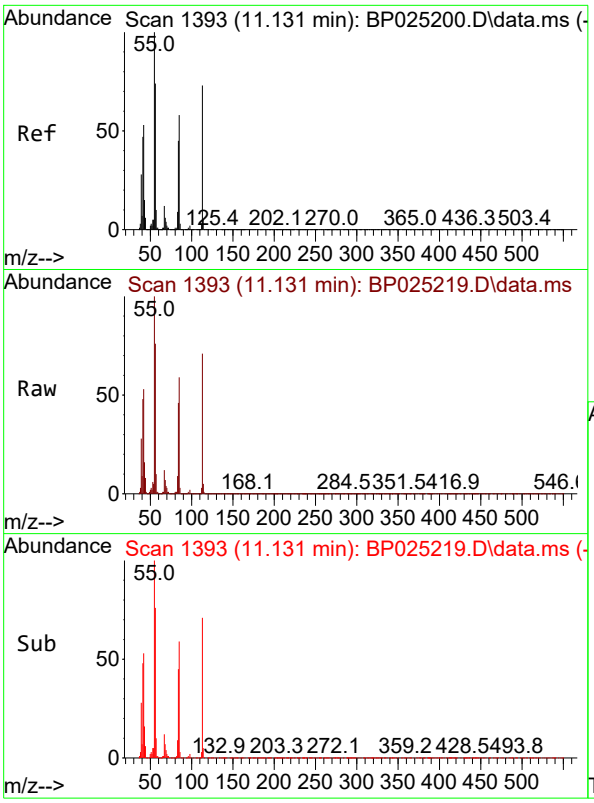


#34
Hexachlorobutadiene
Concen: 39.076 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:225 Resp: 783786

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	64.2	51.4	77.0



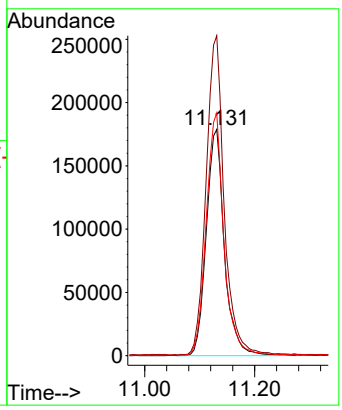


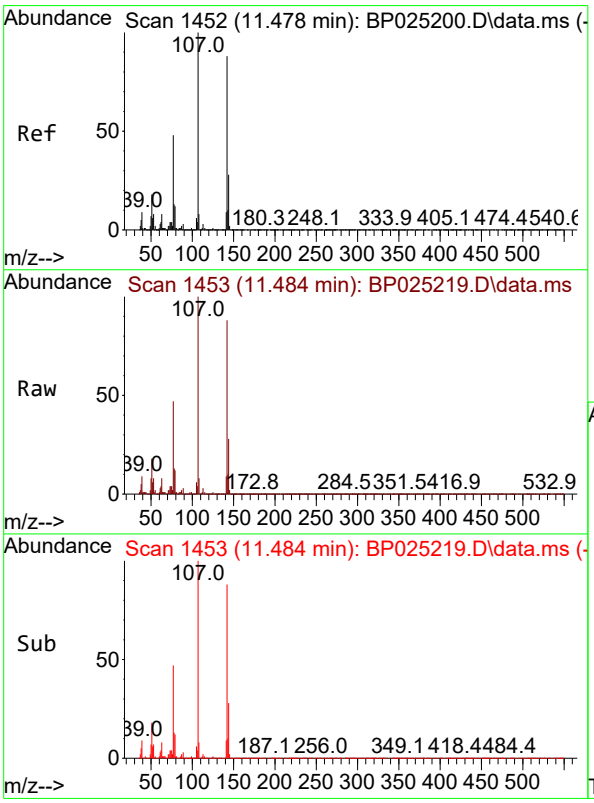
#35
Caprolactam
Concen: 40.170 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 406774

Ion	Ratio	Lower	Upper
113	100		
55	141.5	117.6	157.6
56	107.3	82.4	122.4

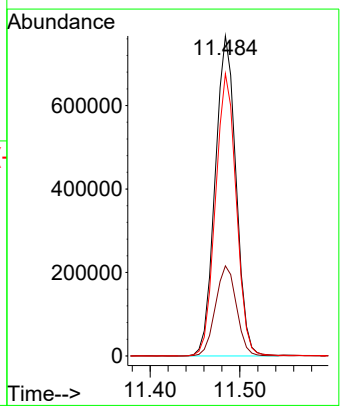


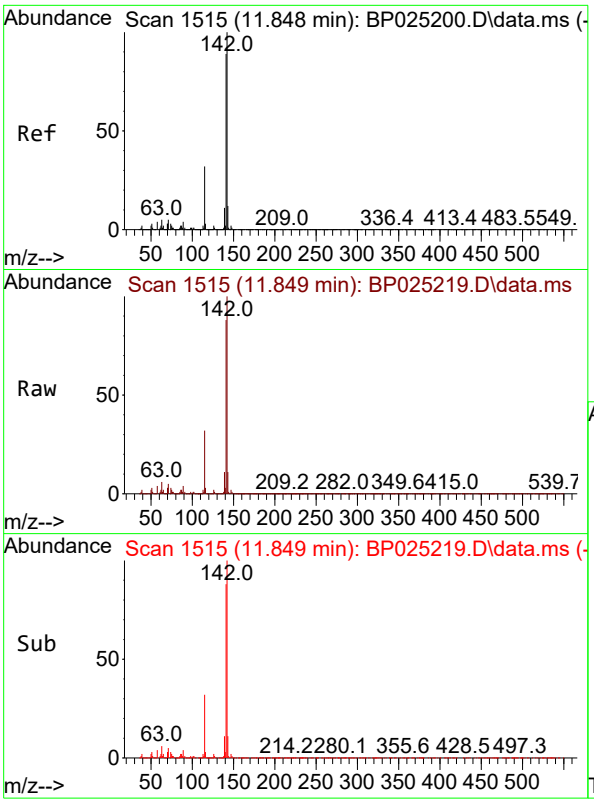


#36
4-Chloro-3-methylphenol
Concen: 40.618 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:107 Resp: 1238843

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.5	33.7
142	88.2	70.6	105.8



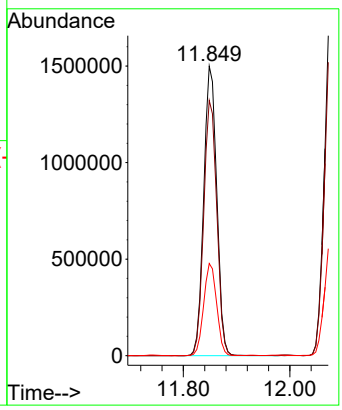


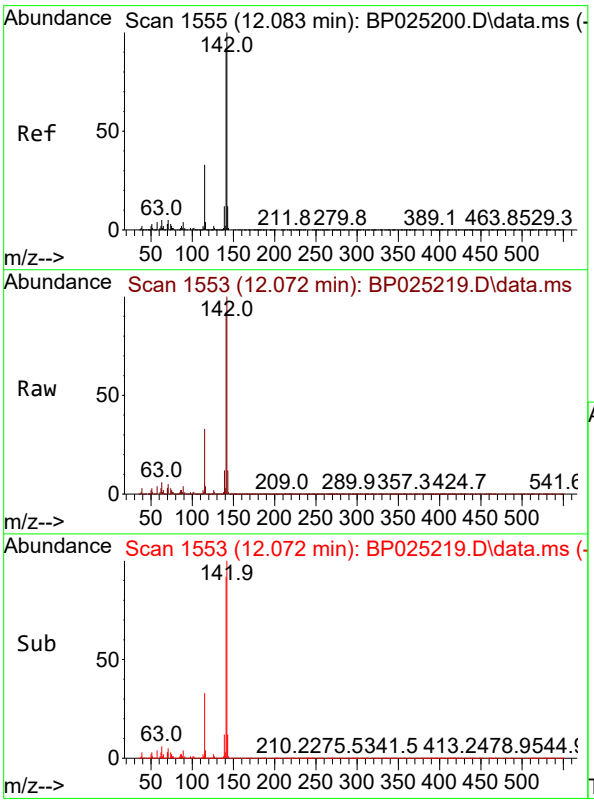
#37
2-Methylnaphthalene
Concen: 39.677 ng
RT: 11.849 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2540259

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.2	106.8
115	31.8	25.3	37.9

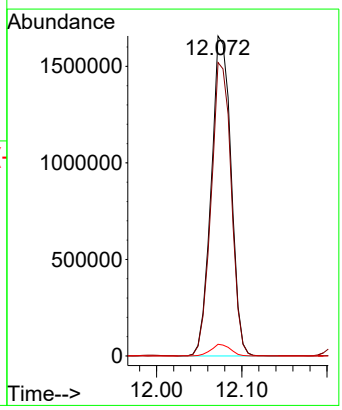


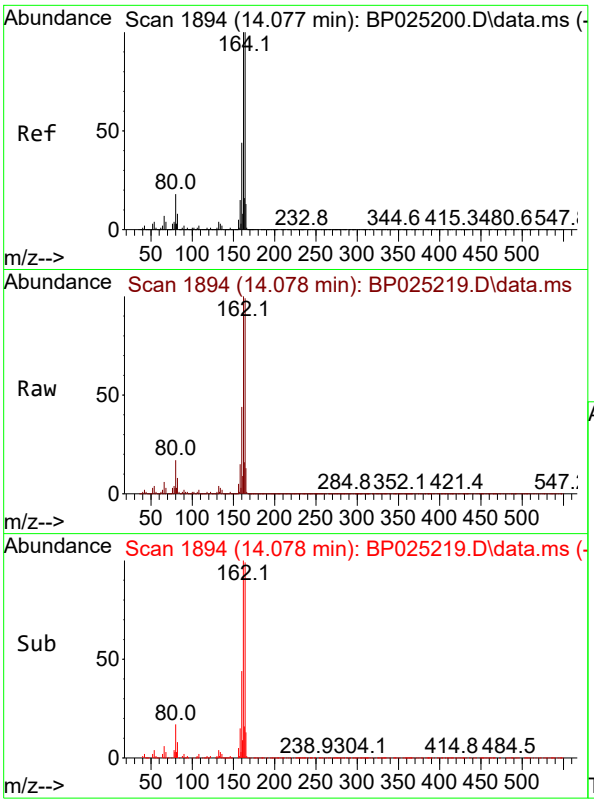


#38
1-Methylnaphthalene
Concen: 39.968 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:142 Resp: 2687973

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
116	3.6	2.8	4.2



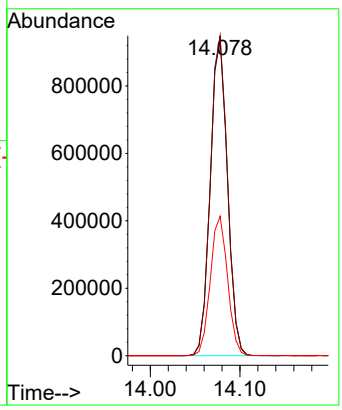


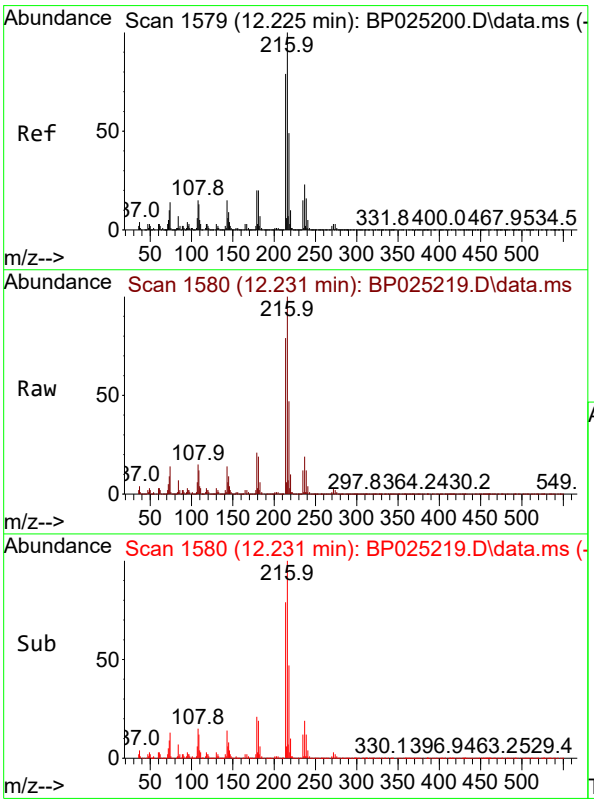
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1245962

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.1	35.7	53.5

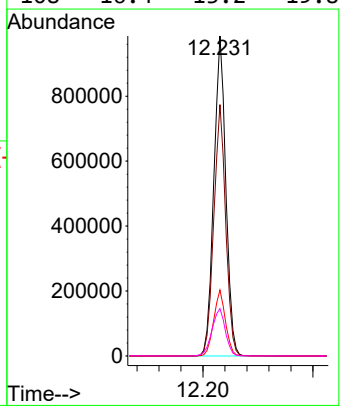


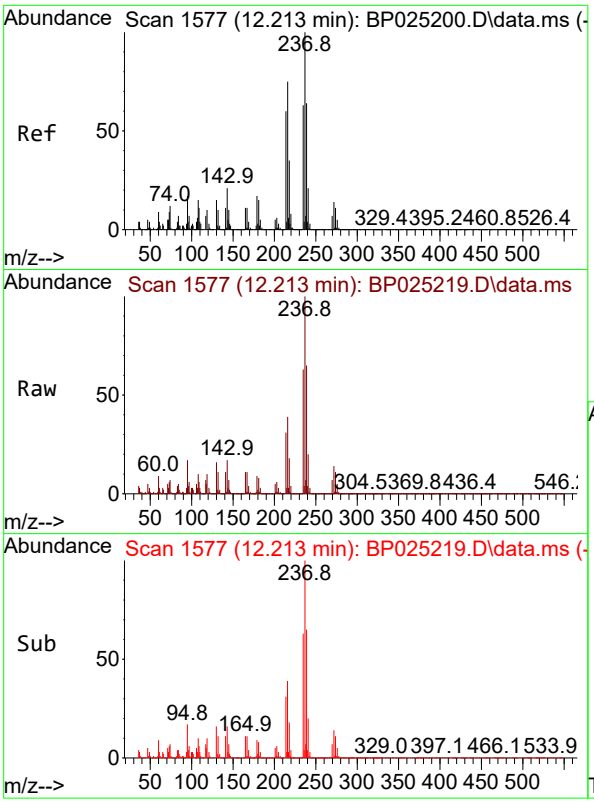


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.944 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:216 Resp: 1491819

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.7	94.1
179	20.2	16.2	24.4
108	16.4	13.2	19.8



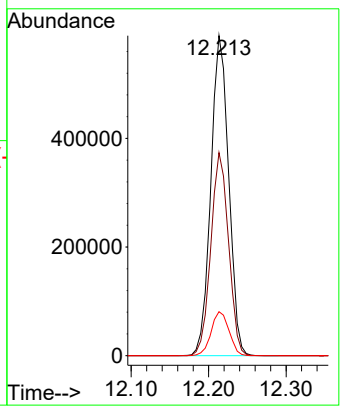


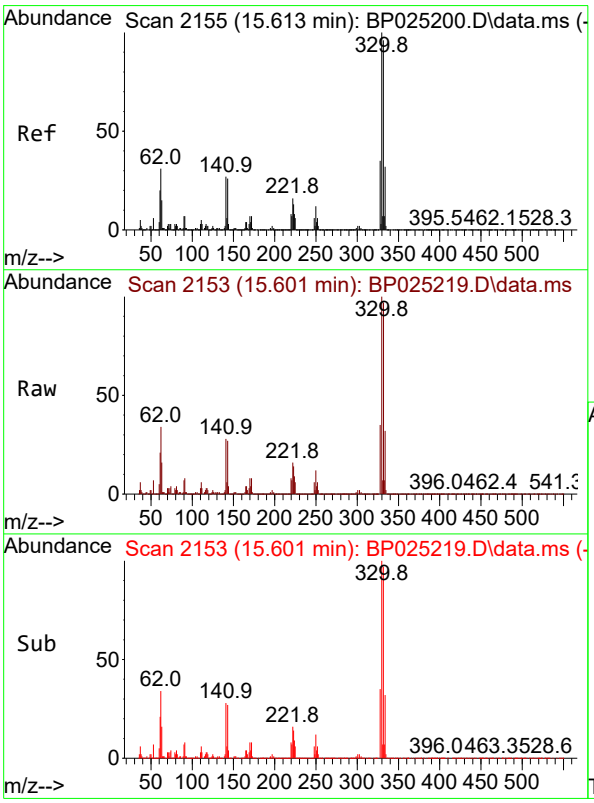
#41
Hexachlorocyclopentadiene
Concen: 42.194 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 940689

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.7	82.7
272	13.7	0.0	33.6

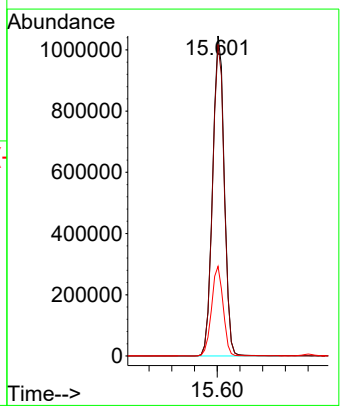


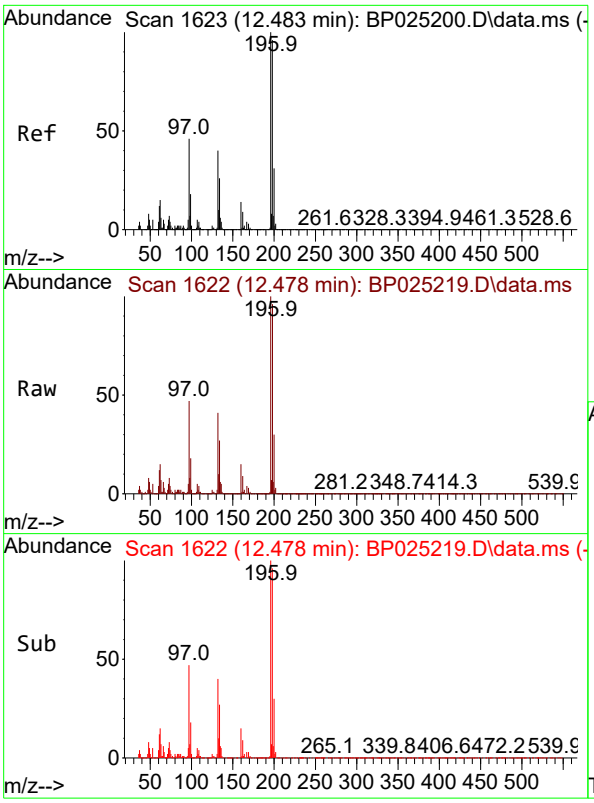


#42
2,4,6-Tribromophenol
Concen: 80.568 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:330 Resp: 1479896

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	27.8	22.4	33.6



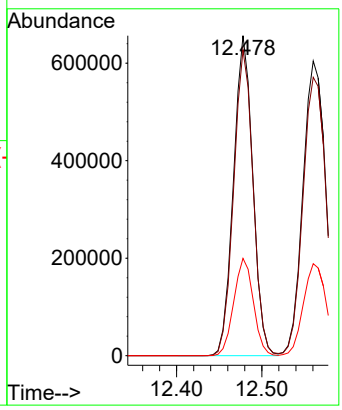


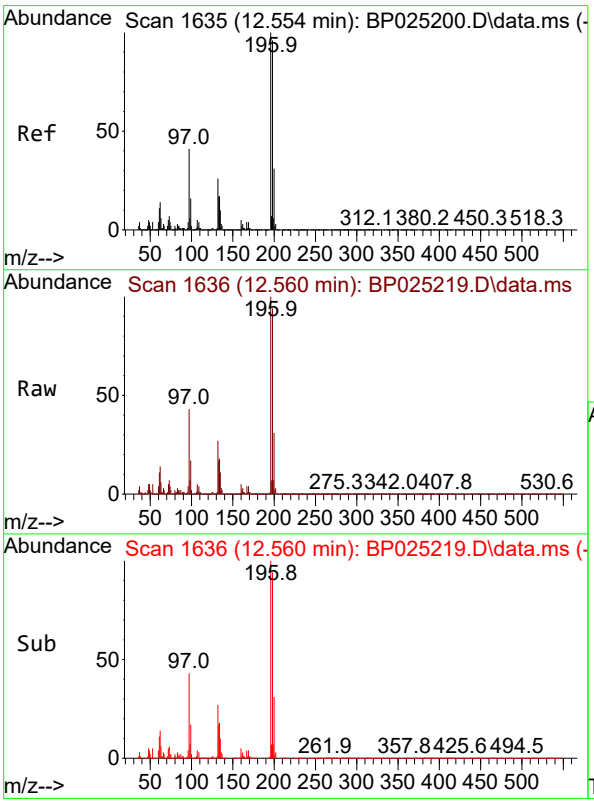
#43
2,4,6-Trichlorophenol
Concen: 40.592 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 1035854

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.6	114.8
200	30.4	24.7	37.1

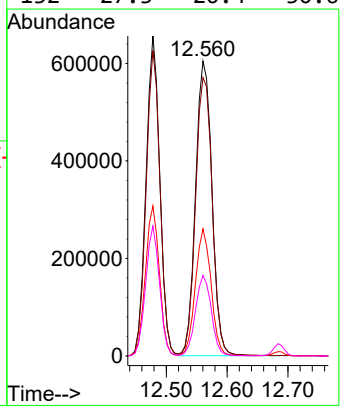


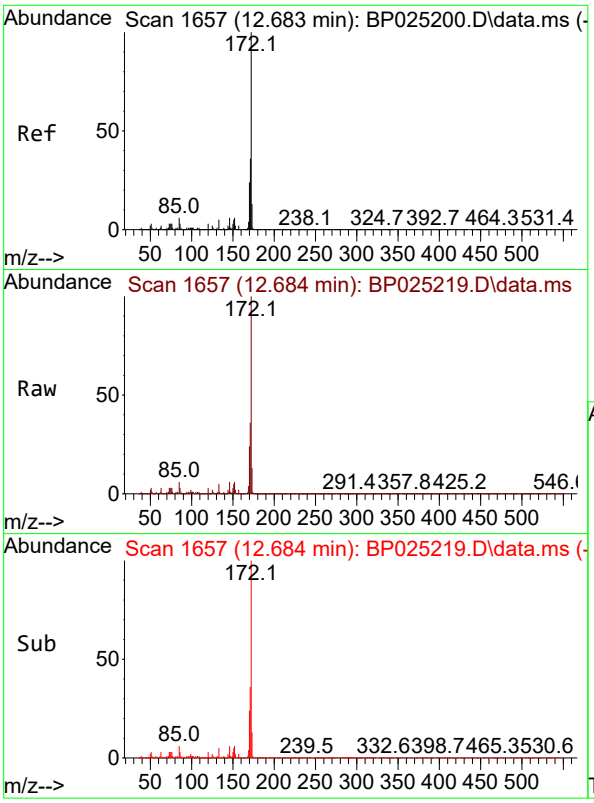


#44
2,4,5-Trichlorophenol
Concen: 40.380 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:196 Resp: 1133949

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.7	115.1
97	43.1	33.0	49.4
132	27.3	20.4	30.6



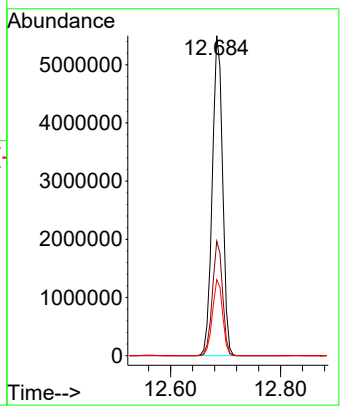


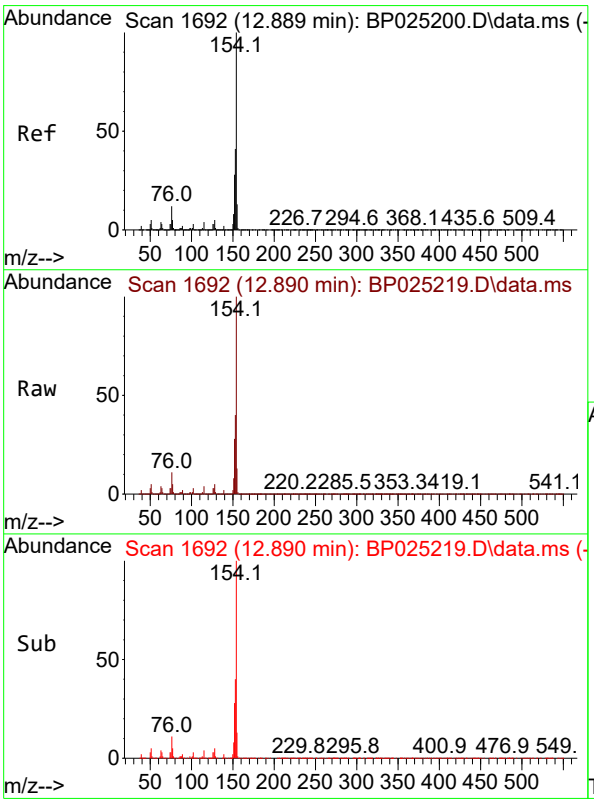
#45
2-Fluorobiphenyl
Concen: 81.023 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 7160639

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.7	19.2	28.8

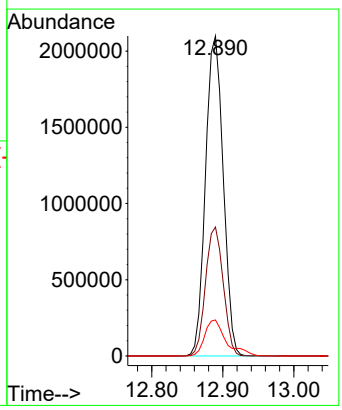


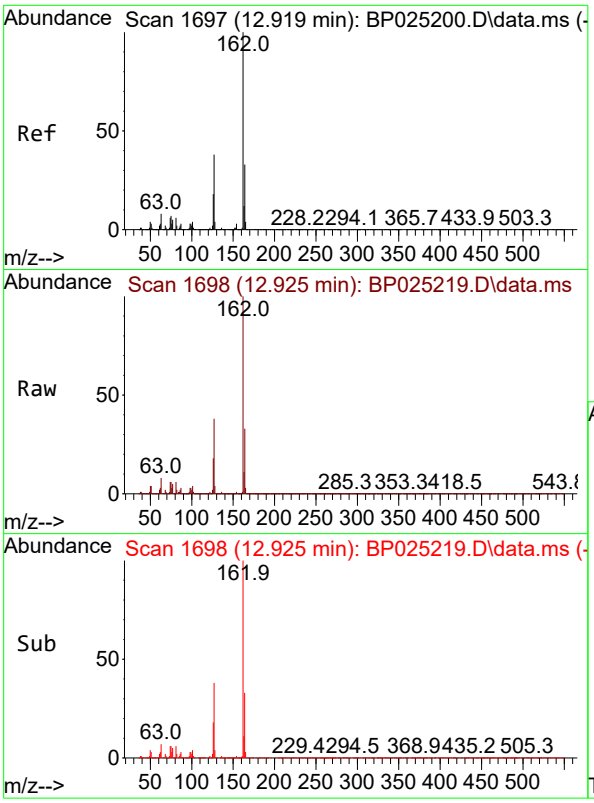


#46
1,1'-Biphenyl
Concen: 40.278 ng
RT: 12.890 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:154 Resp: 3638037

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	11.2	0.0	31.6



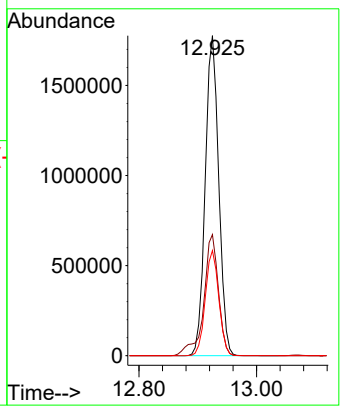


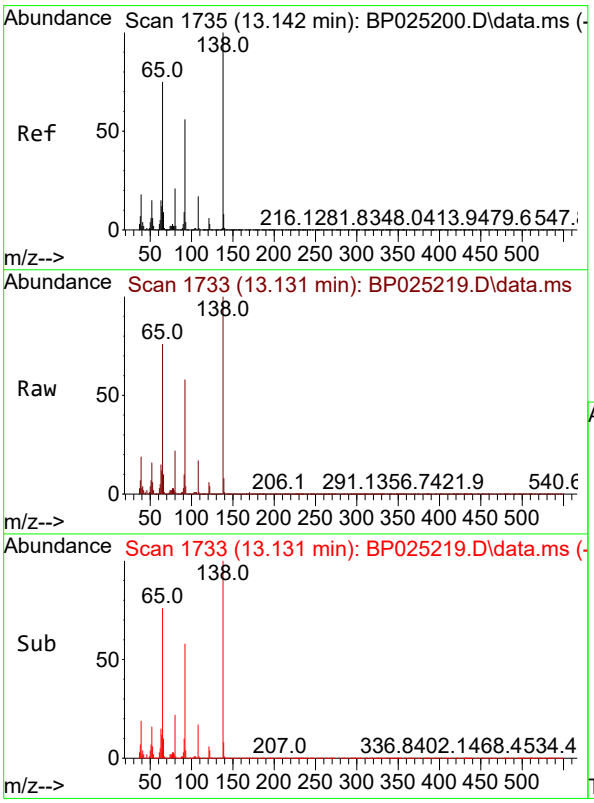
#47
2-Chloronaphthalene
Concen: 40.098 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2827609

Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.1	45.1
164	32.9	26.5	39.7

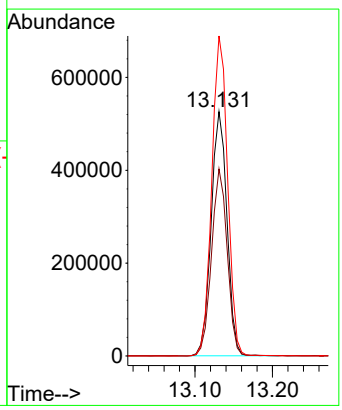


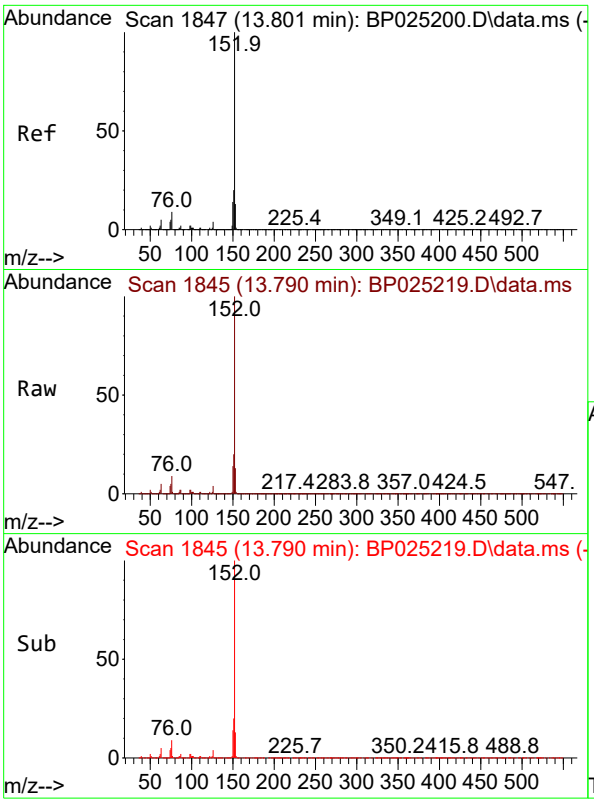


#48
2-Nitroaniline
Concen: 41.473 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 65 Resp: 746854

Ion	Ratio	Lower	Upper
65	100		
92	76.6	59.9	89.9
138	131.0	107.1	160.7



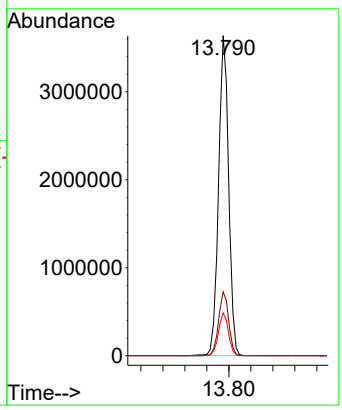


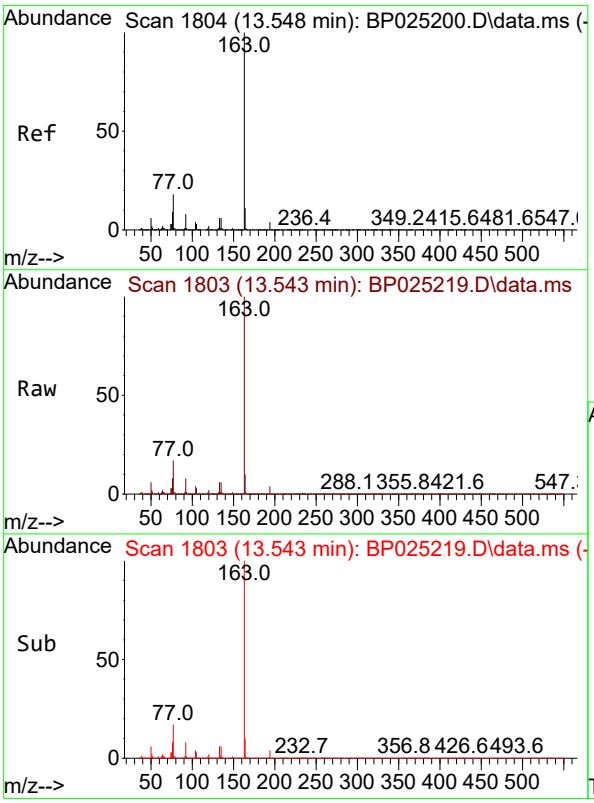
#49
Acenaphthylene
Concen: 40.533 ng
RT: 13.790 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 4622988

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.4	10.6	15.8

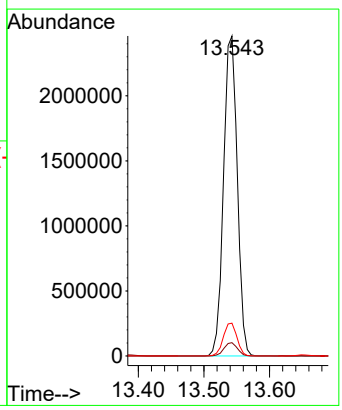


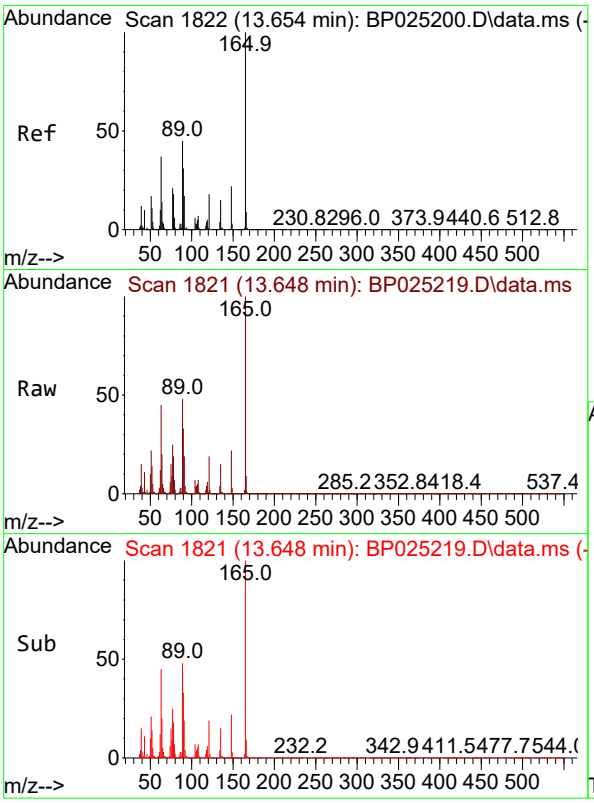


#50
Dimethylphthalate
Concen: 39.945 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:163 Resp: 3559355

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.5	12.7



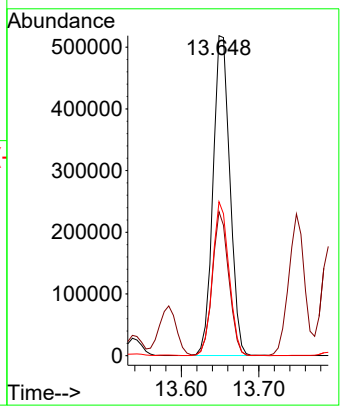


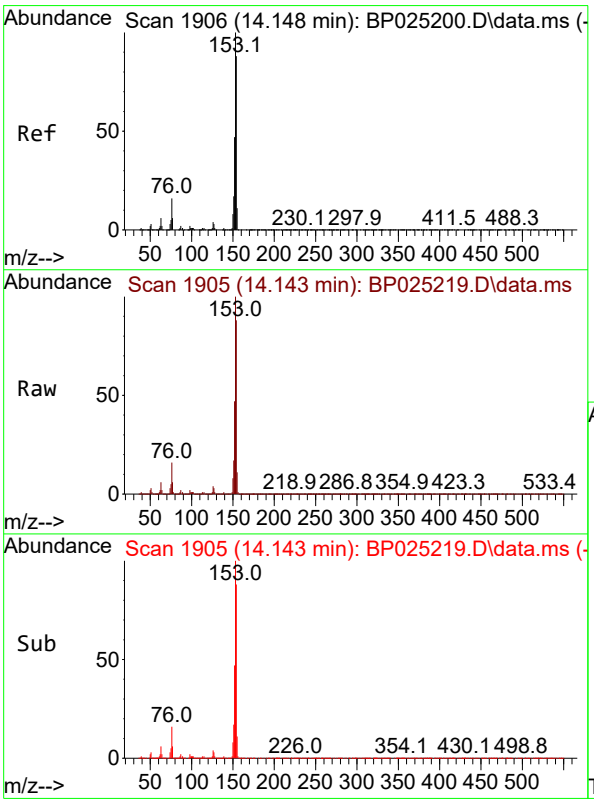
#51
2,6-Dinitrotoluene
Concen: 40.513 ng
RT: 13.648 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 784404

Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.4	50.2
89	48.1	36.3	54.5

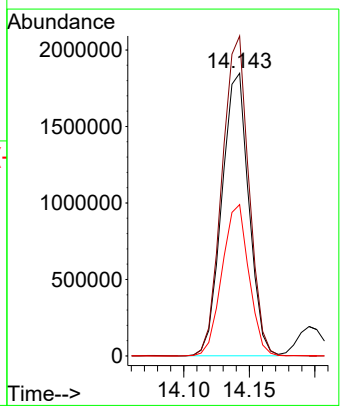


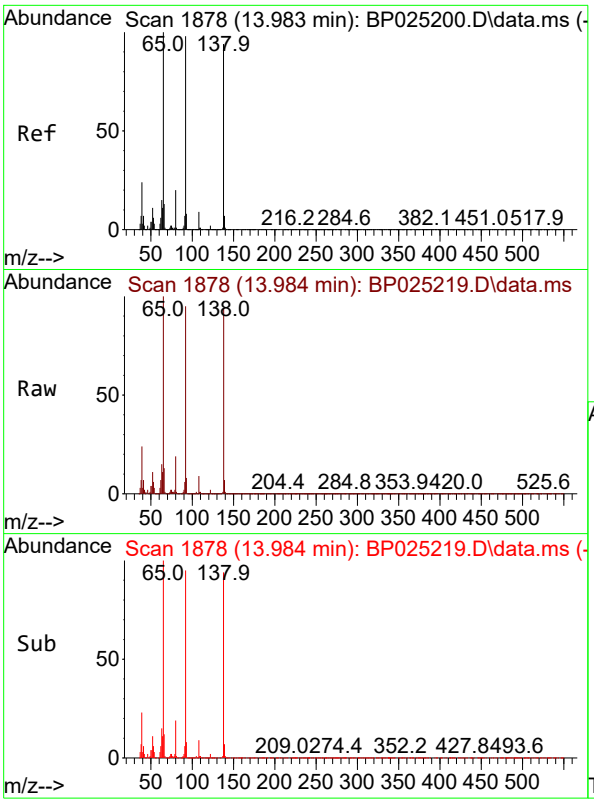


#52
Acenaphthene
Concen: 40.018 ng
RT: 14.143 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:154 Resp: 2639356

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	53.5	42.9	64.3



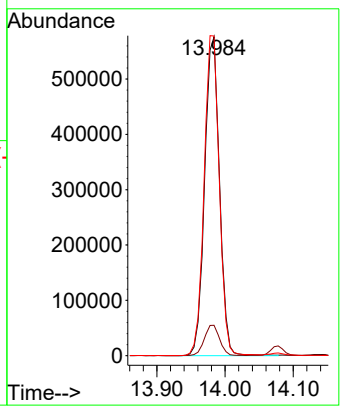


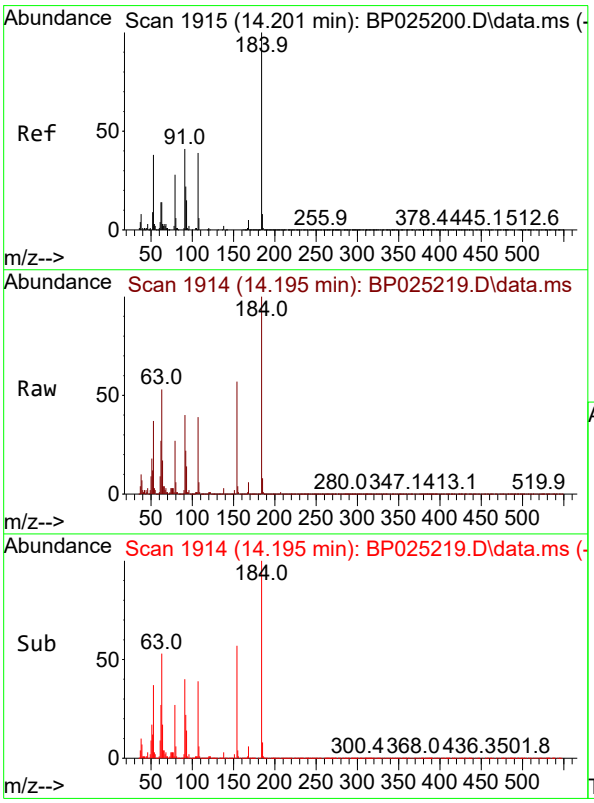
#53
3-Nitroaniline
Concen: 40.071 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 874904

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.5	11.3
92	100.3	83.2	124.8

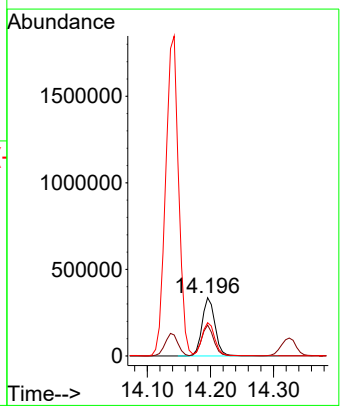


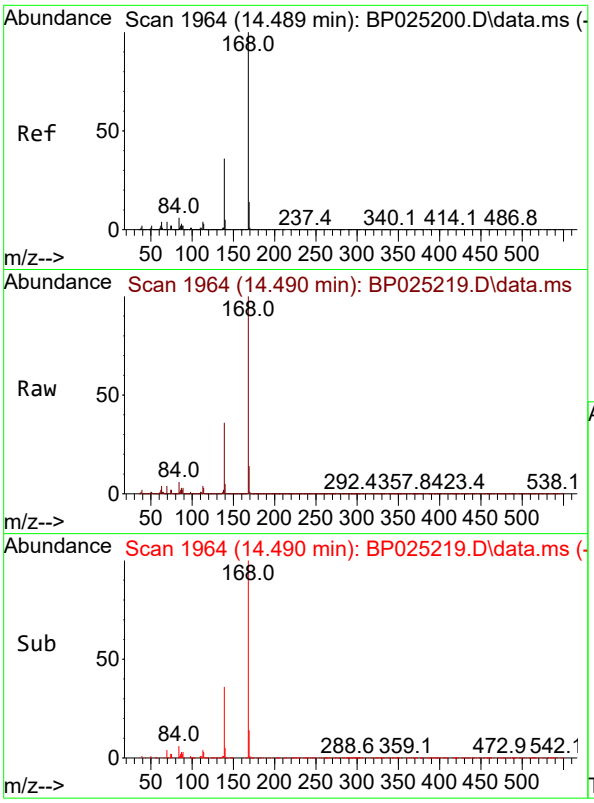


#54
2,4-Dinitrophenol
Concen: 41.472 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:184 Resp: 475756

Ion	Ratio	Lower	Upper
184	100		
63	53.0	41.8	62.8
154	57.1	45.7	68.5



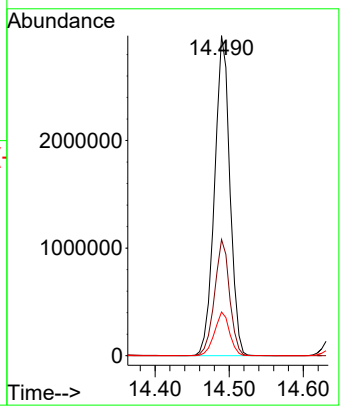


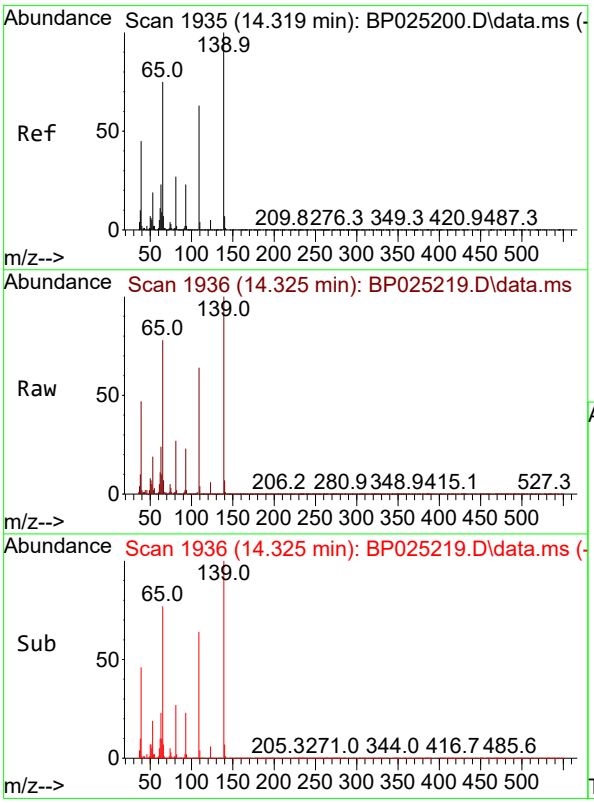
#55
Dibenzofuran
Concen: 40.066 ng
RT: 14.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 4268397

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.7	43.1
169	13.7	10.9	16.3

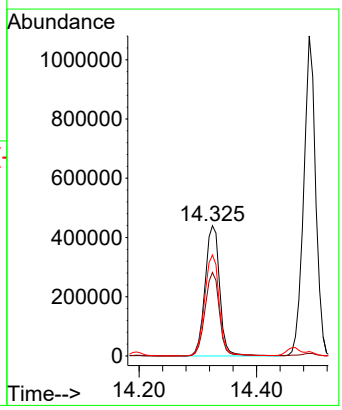


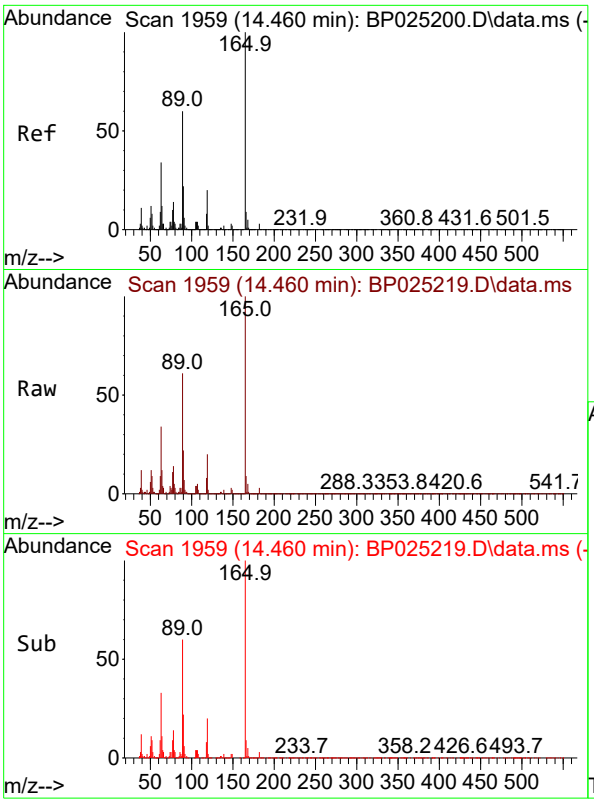


#56
4-Nitrophenol
Concen: 40.436 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:139 Resp: 755490

Ion	Ratio	Lower	Upper
139	100		
109	64.1	42.6	82.6
65	77.5	55.4	95.4



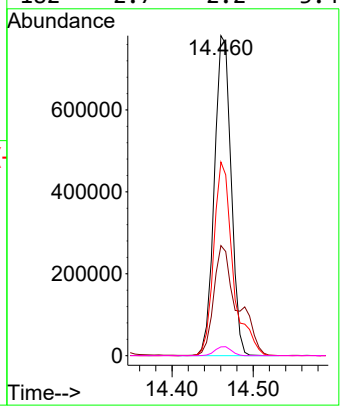


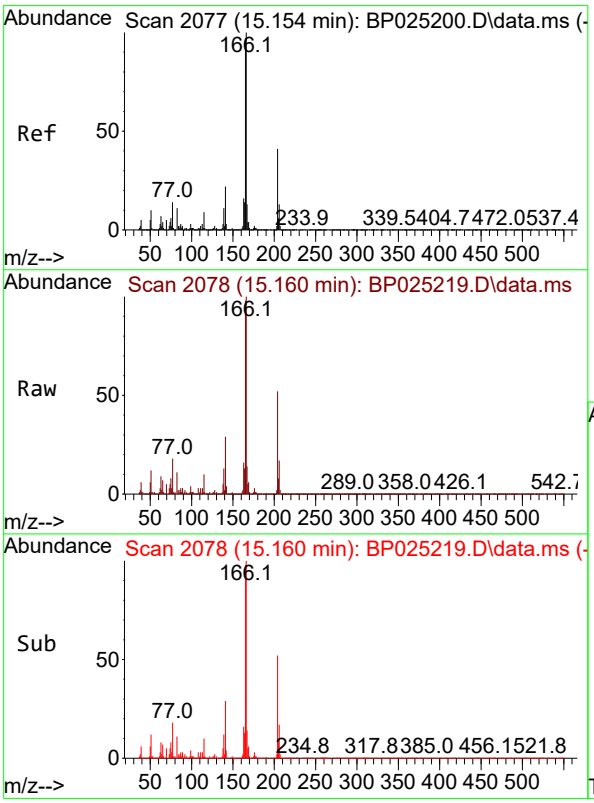
#57
2,4-Dinitrotoluene
Concen: 41.217 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 1117080

Ion	Ratio	Lower	Upper
165	100		
63	34.4	27.0	40.4
89	60.5	47.8	71.6
182	2.7	2.2	3.4

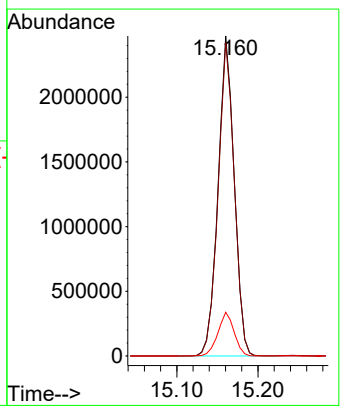


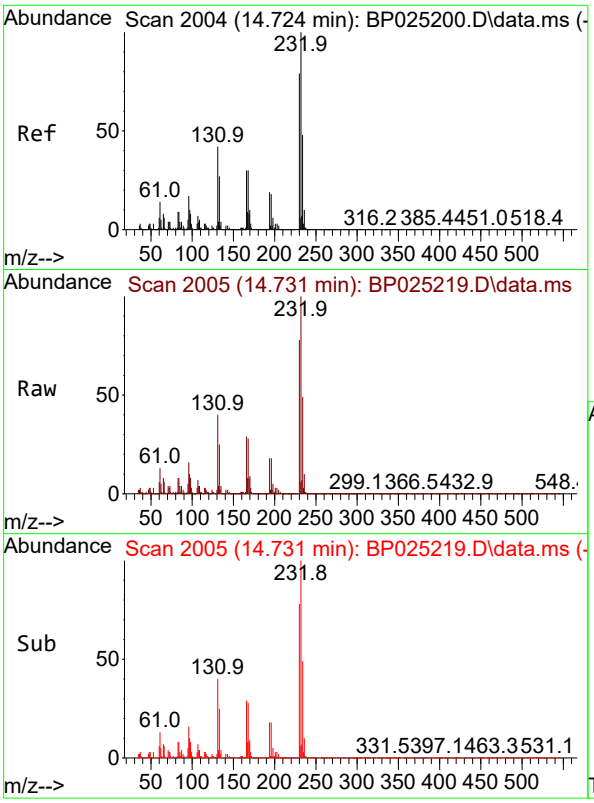


#58
Fluorene
Concen: 40.579 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:166 Resp: 3432050

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.0	117.0
167	13.6	10.7	16.1



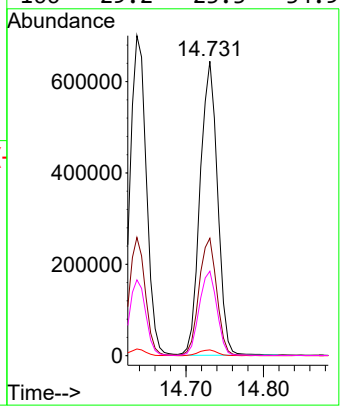


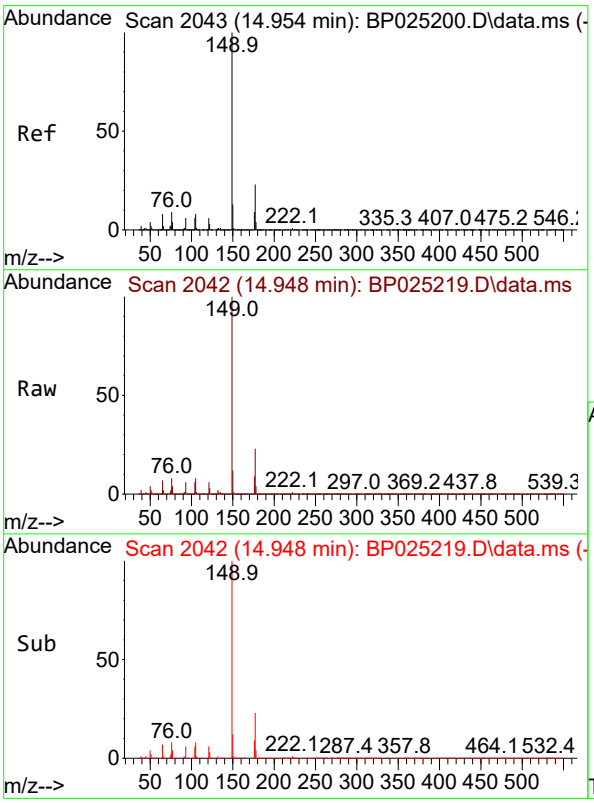
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.533 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 1007317

Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.6	48.8
130	2.1	1.6	2.4
166	29.2	23.3	34.9

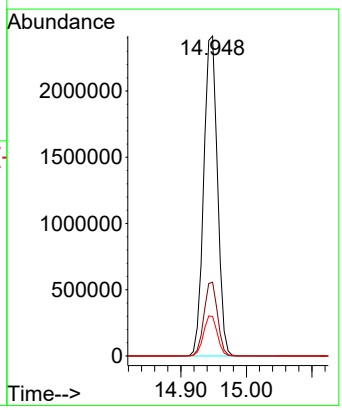


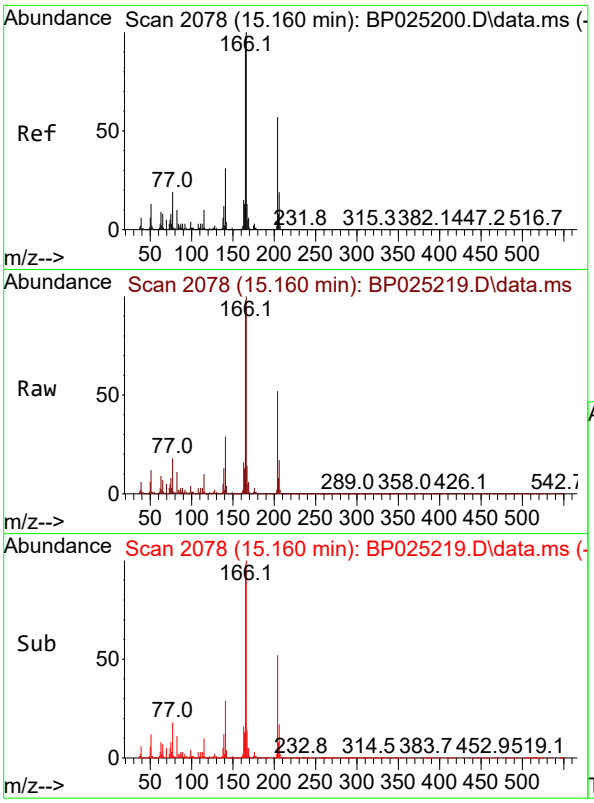


#60
Diethylphthalate
Concen: 40.011 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 3514021

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	12.4	10.0	15.0



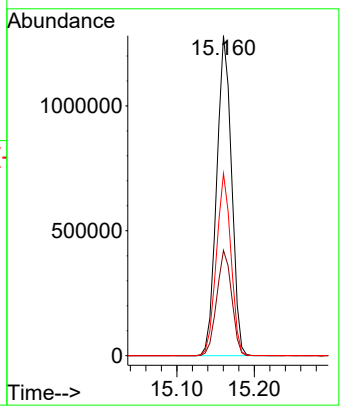


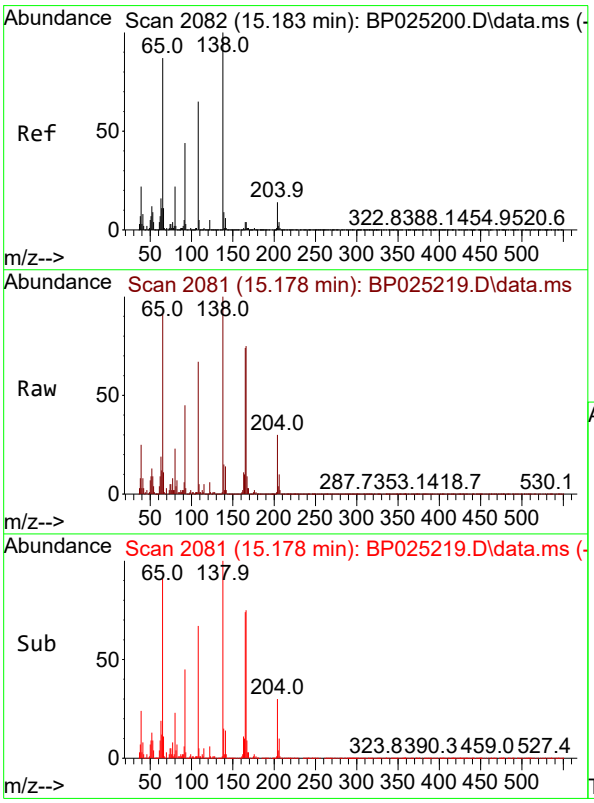
#61
4-Chlorophenyl-phenylether
Concen: 39.925 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1706307

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	56.9	43.0	64.6

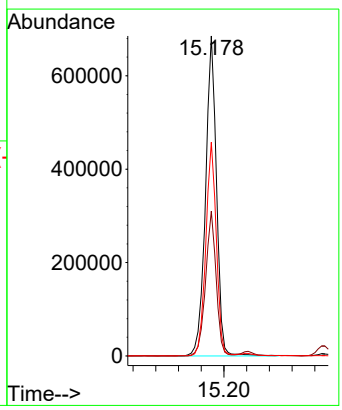


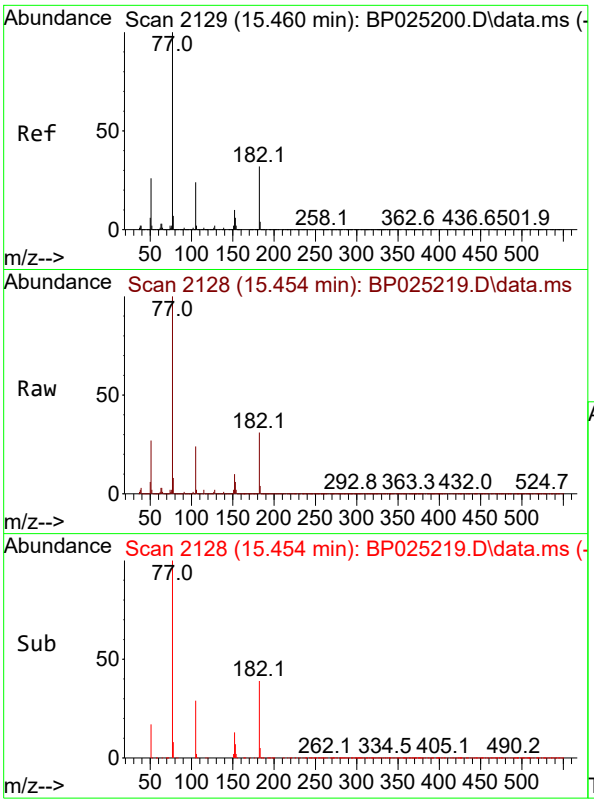


#62
4-Nitroaniline
Concen: 41.319 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:138 Resp: 917496

Ion	Ratio	Lower	Upper
138	100		
92	45.2	24.0	64.0
108	66.8	44.9	84.9



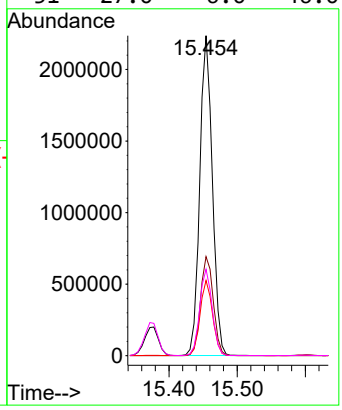


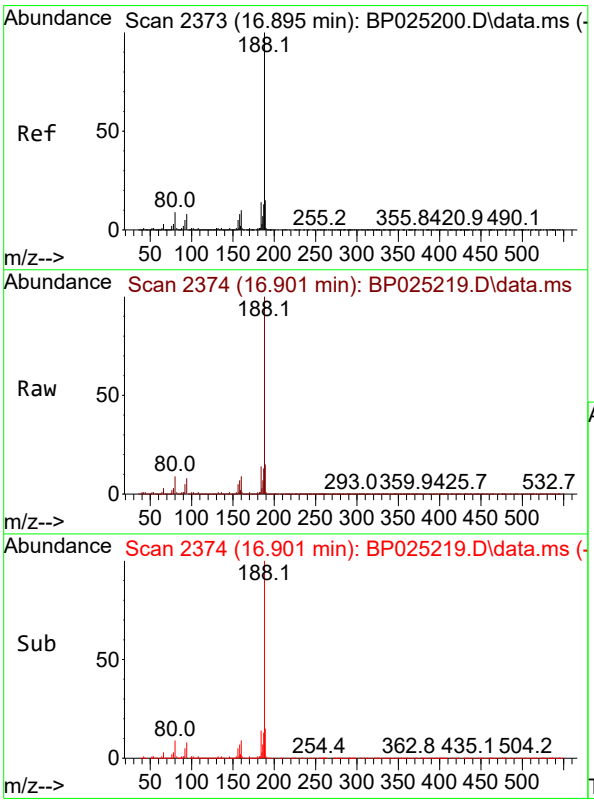
#63
Azobenzene
Concen: 40.086 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2868934

Ion	Ratio	Lower	Upper
77	100		
182	30.9	12.0	52.0
105	23.5	3.6	43.6
51	27.0	6.0	46.0

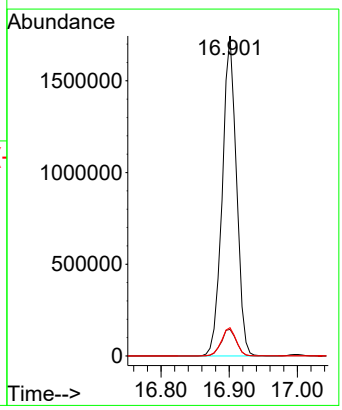


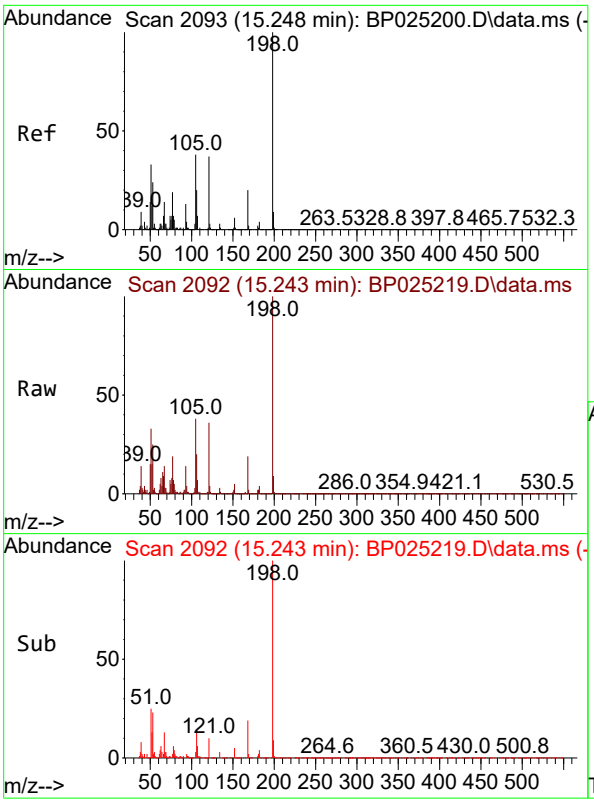


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:188 Resp: 2530825

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.9	7.3	10.9



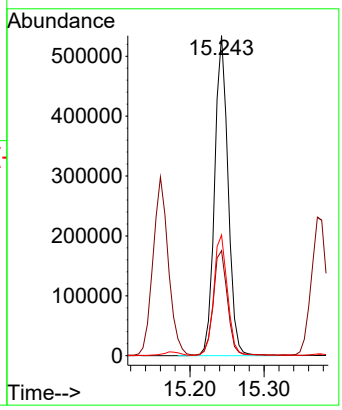


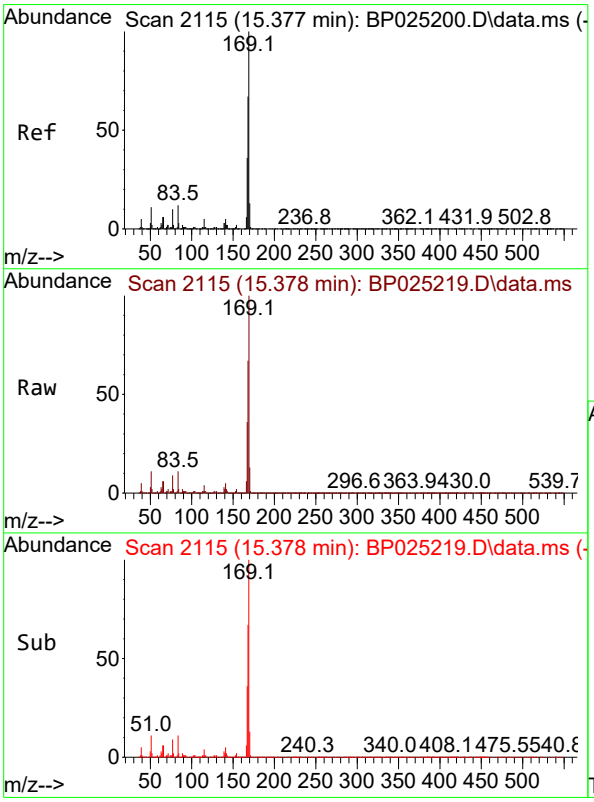
#65
4,6-Dinitro-2-methylphenol
Concen: 41.175 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 672511

Ion	Ratio	Lower	Upper
198	100		
51	32.8	14.6	54.6
105	37.7	18.3	58.3

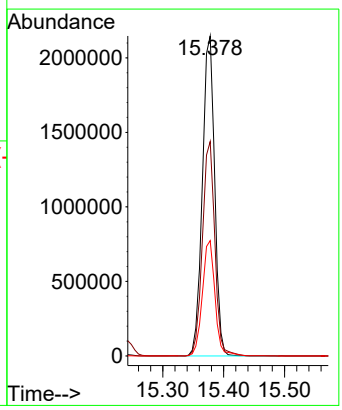


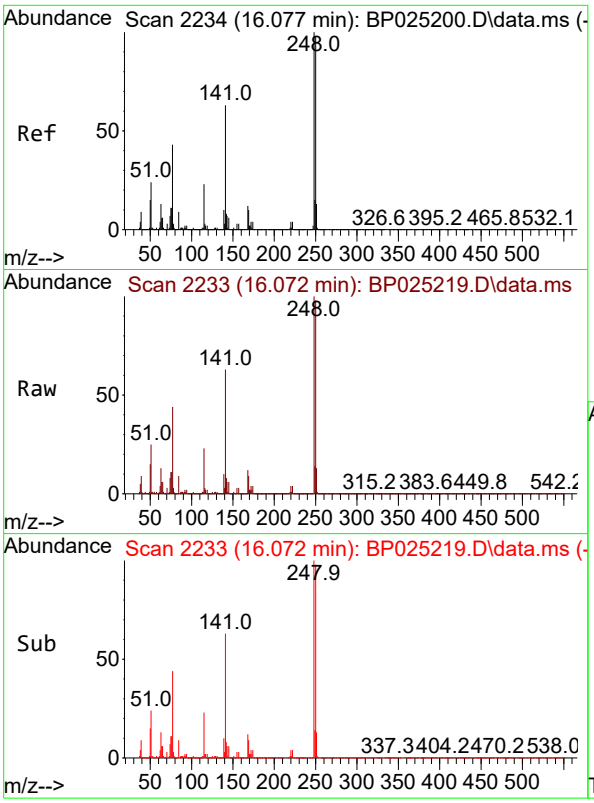


#66
n-Nitrosodiphenylamine
Concen: 39.125 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:169 Resp: 3005446

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.7	80.5
167	36.0	29.0	43.6



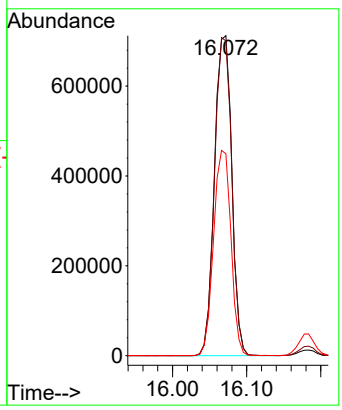


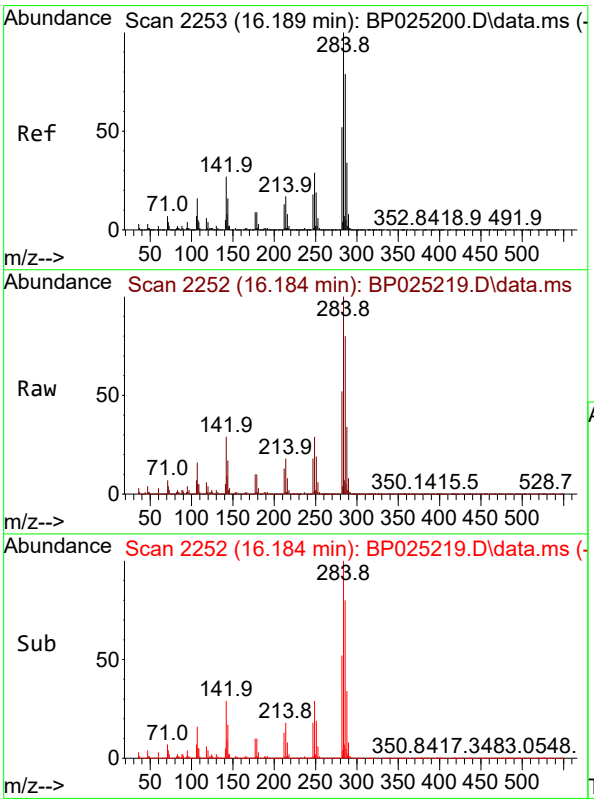
#67
4-Bromophenyl-phenylether
Concen: 39.169 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 1156900

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.5	117.7
141	63.1	50.5	75.7

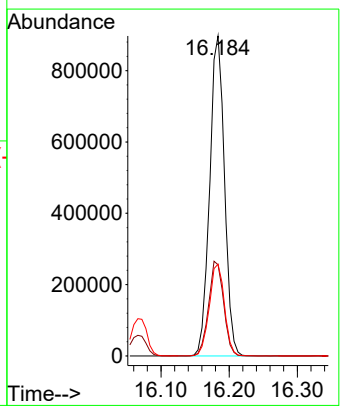


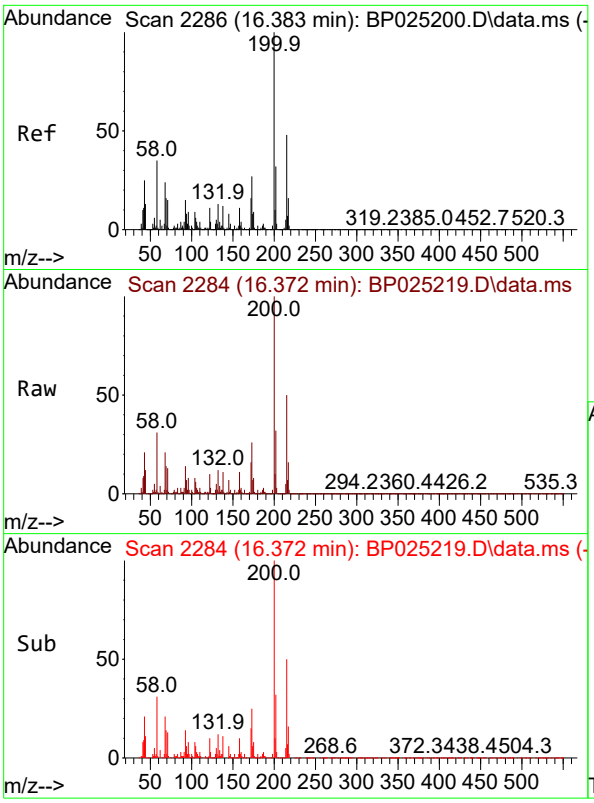


#68
Hexachlorobenzene
Concen: 38.695 ng
RT: 16.184 min Scan# 2252
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:284 Resp: 1357253

Ion	Ratio	Lower	Upper
284	100		
142	28.5	21.5	32.3
249	28.7	23.4	35.0



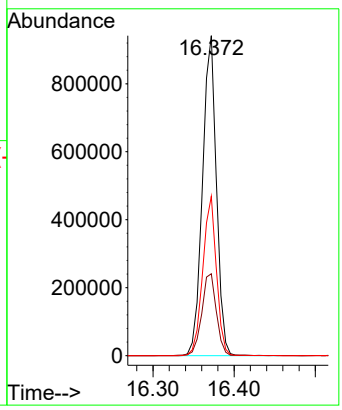


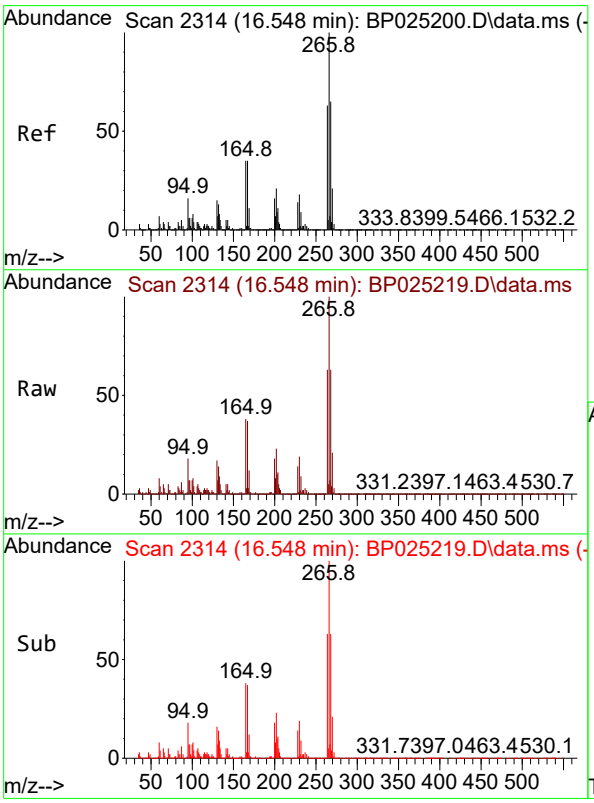
#69
Atrazine
Concen: 39.387 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 1119581

Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.4	47.4
215	49.8	28.5	68.5

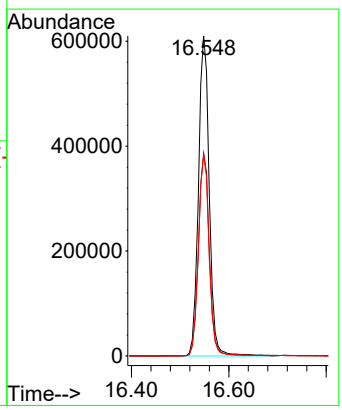


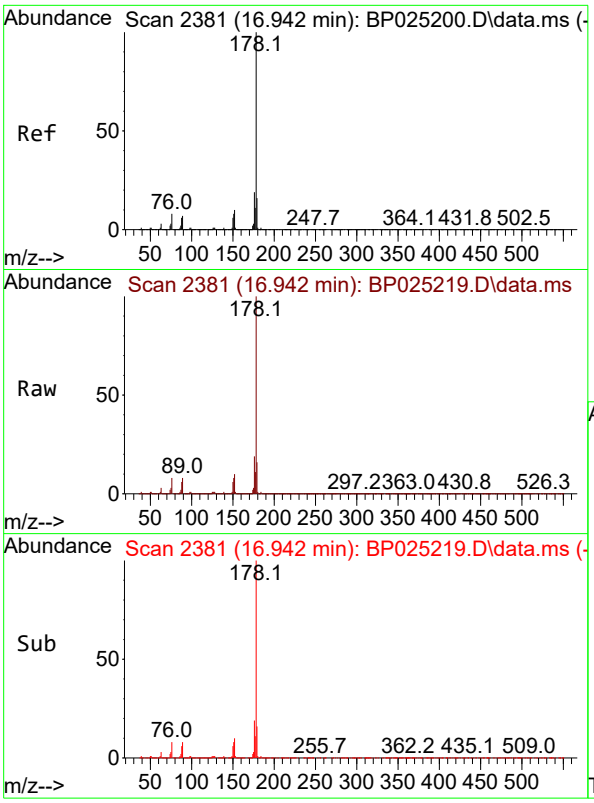


#70
Pentachlorophenol
Concen: 39.338 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:266 Resp: 938309

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.8	77.6
264	62.7	50.3	75.5



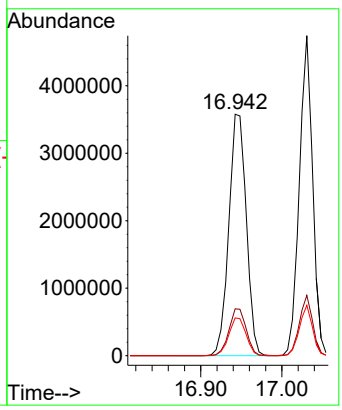


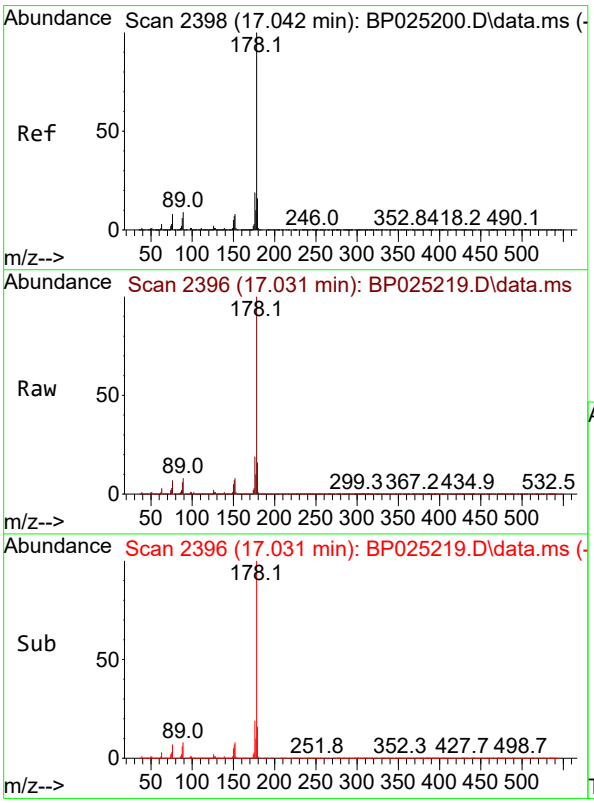
#71
Phenanthrene
Concen: 39.150 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 5343916

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.6	12.5	18.7

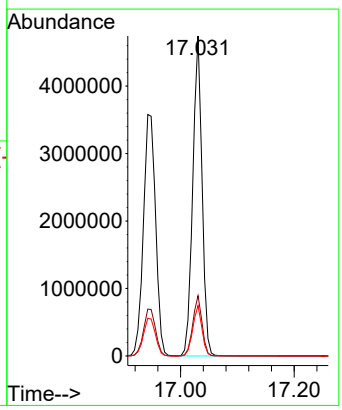


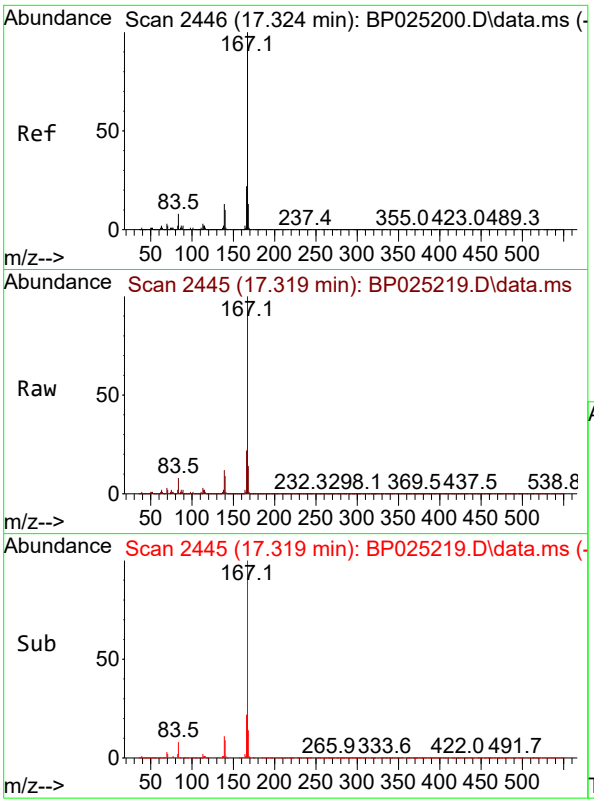


#72
Anthracene
Concen: 39.414 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:178 Resp: 5419810

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.8	12.5	18.7



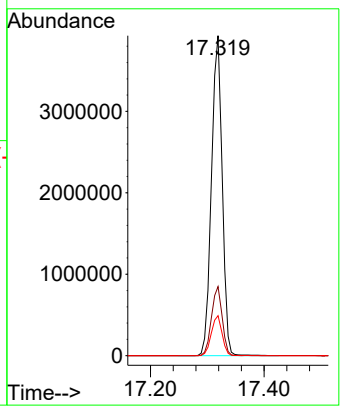


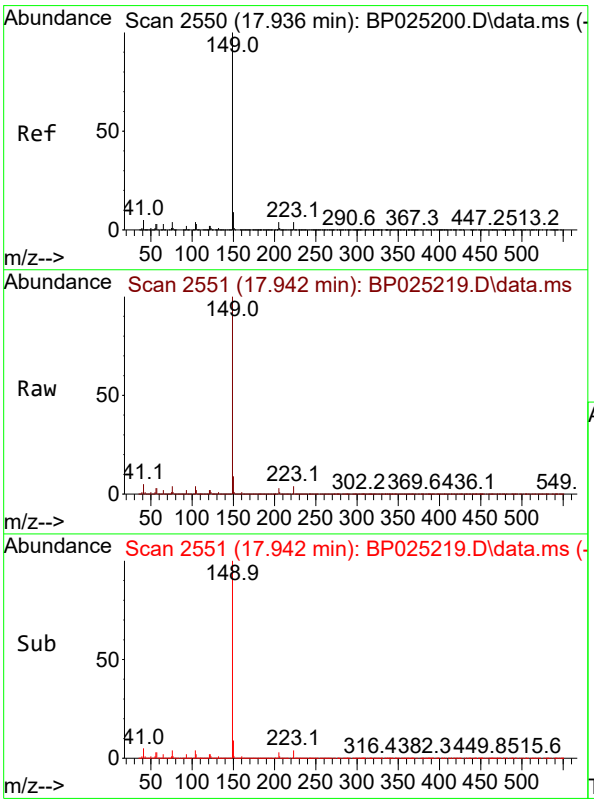
#73
Carbazole
Concen: 39.157 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 5140047

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.5	10.1	15.1

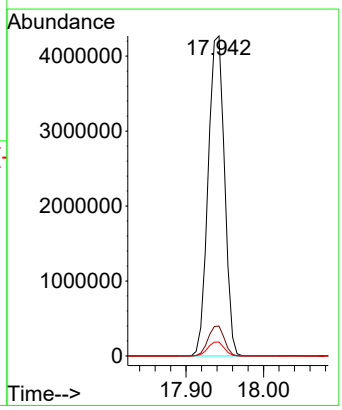


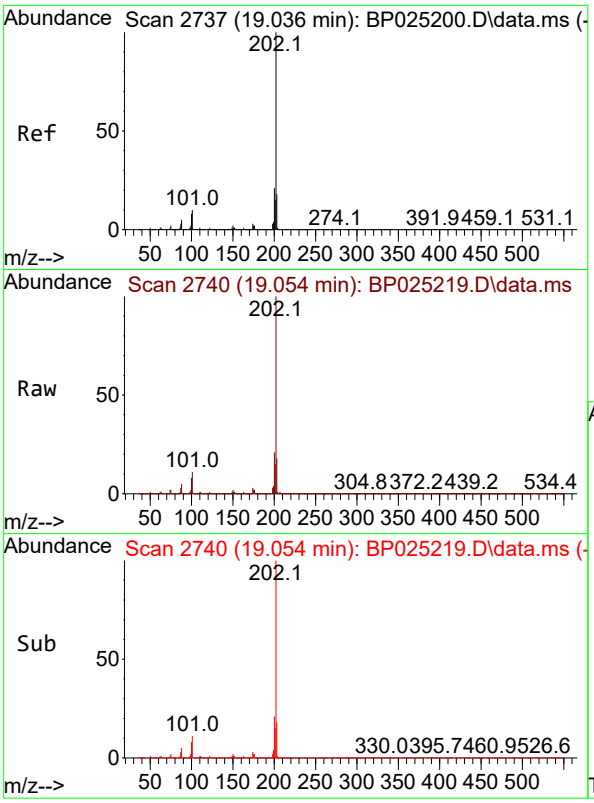


#74
Di-n-butylphthalate
Concen: 41.369 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 6265773

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.3	3.5	5.3



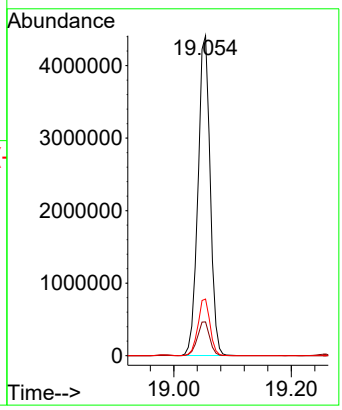


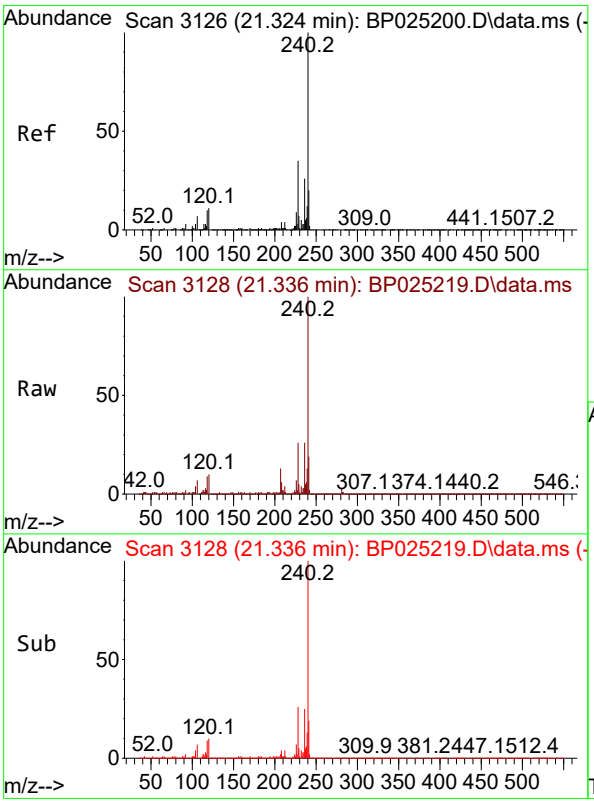
#75
Fluoranthene
Concen: 39.305 ng
RT: 19.054 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 6314252

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	17.7	0.0	38.0

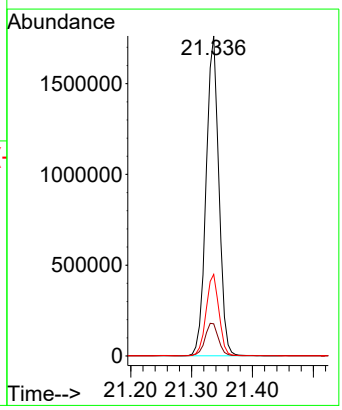


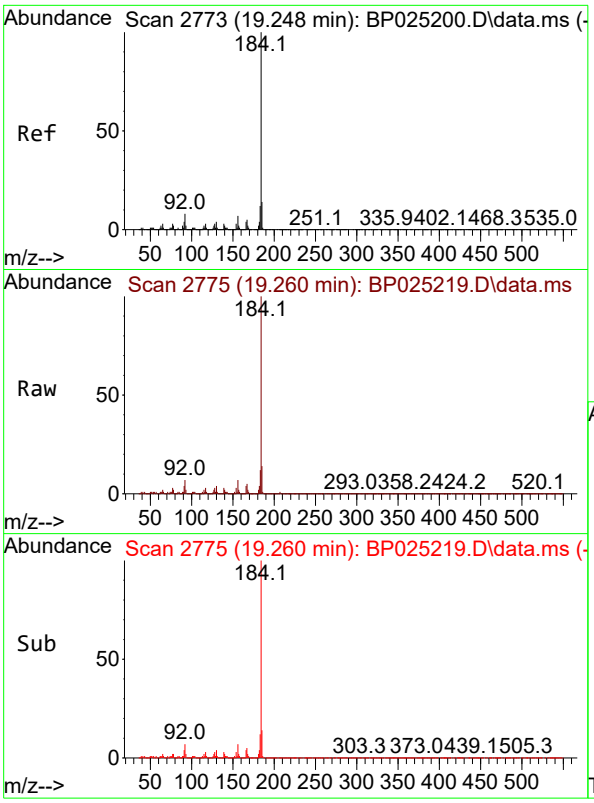


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:240 Resp: 2561119

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.8	13.2
236	25.5	20.9	31.3



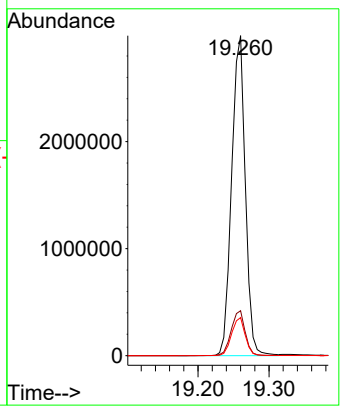


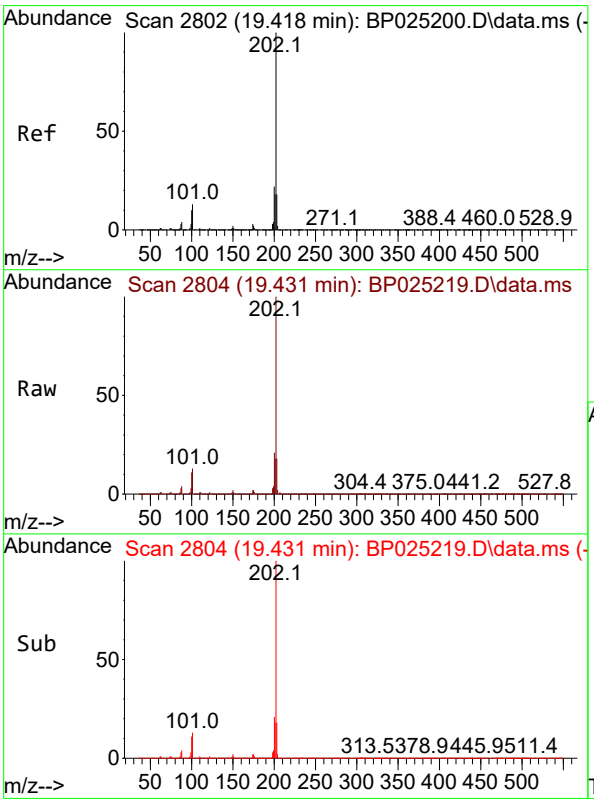
#77
Benzidine
Concen: 44.552 ng
RT: 19.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 4005958

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	11.9	9.6	14.4

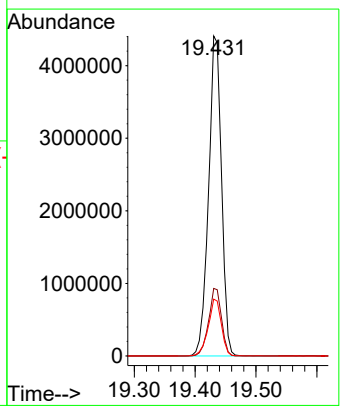


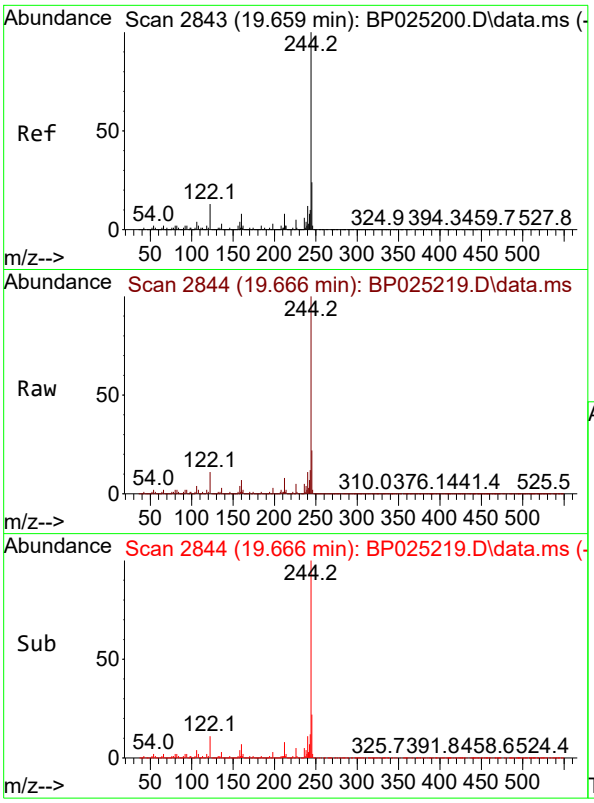


#78
Pyrene
Concen: 41.170 ng
RT: 19.431 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:202 Resp: 6501312

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5



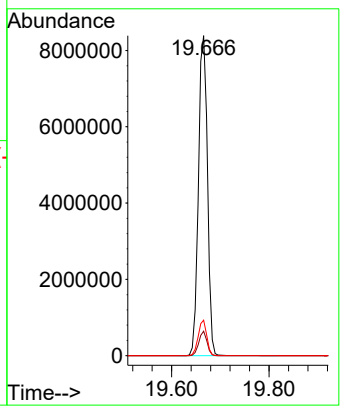


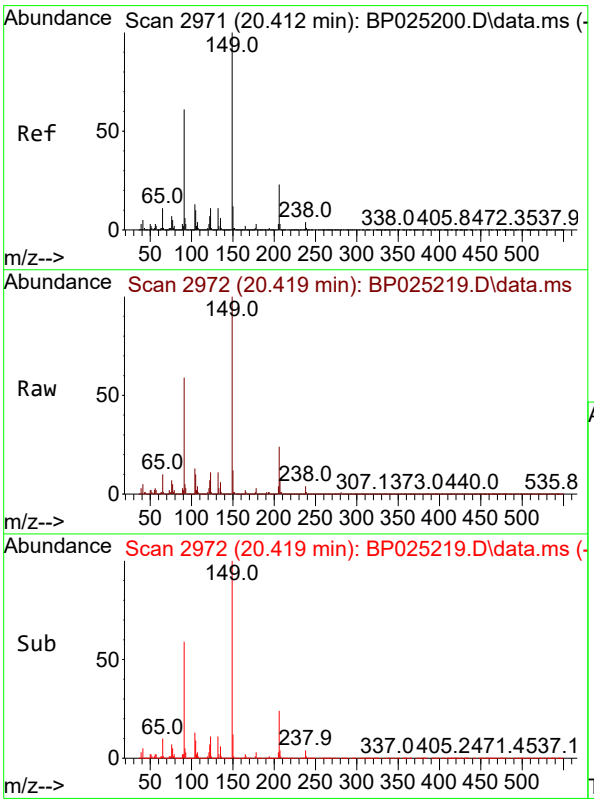
#79
Terphenyl-d14
Concen: 83.178 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:10791584

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	11.1	10.3	15.5

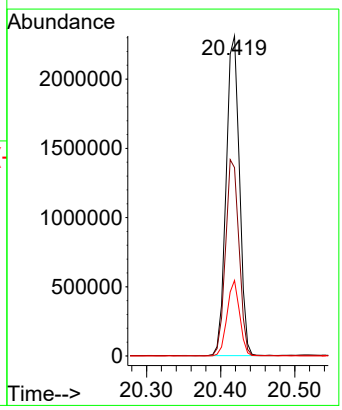


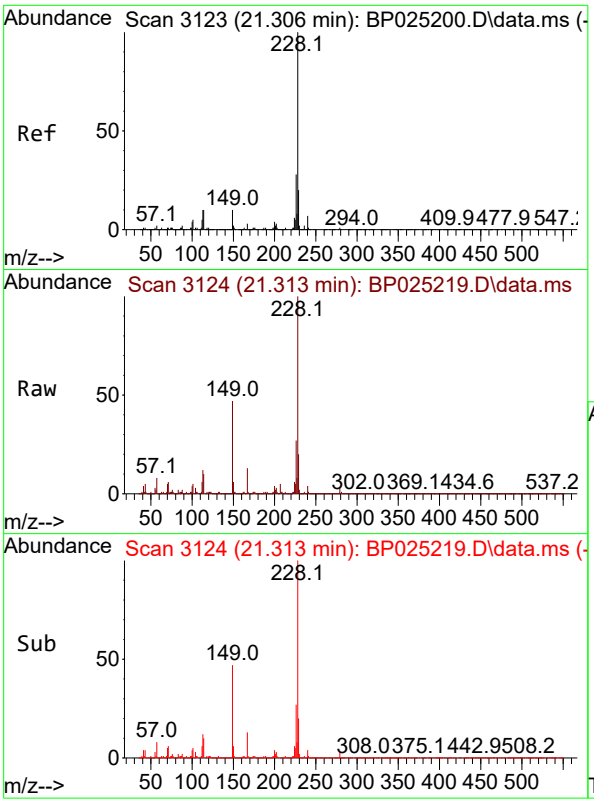


#80
Butylbenzylphthalate
Concen: 40.212 ng
RT: 20.419 min Scan# 2972
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 2874425

Ion	Ratio	Lower	Upper
149	100		
91	58.8	48.8	73.2
206	23.6	18.4	27.6



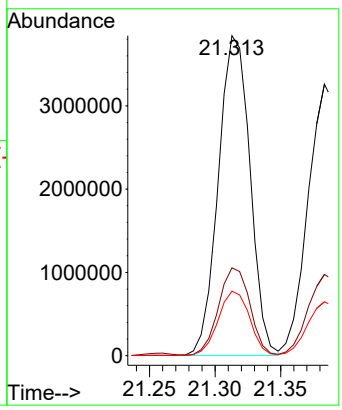


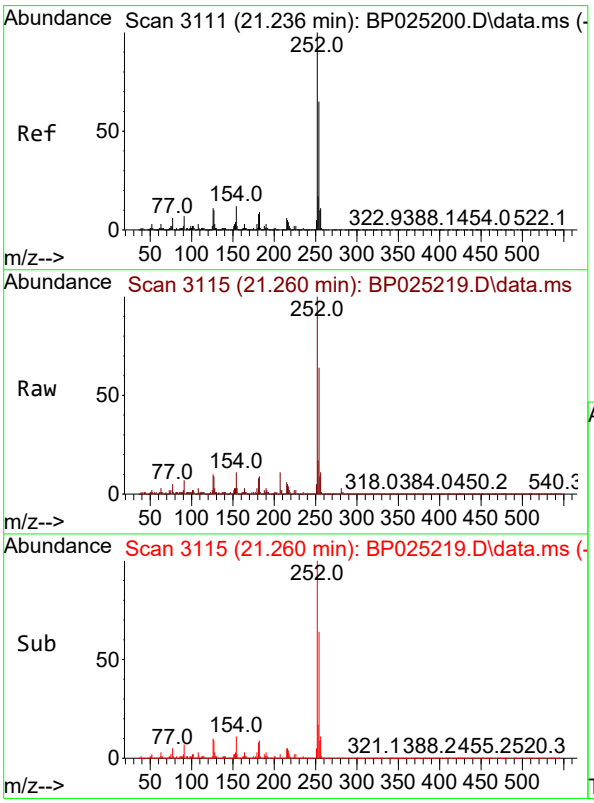
#81
Benzo(a)anthracene
Concen: 39.878 ng
RT: 21.313 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 6449789

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.1	16.2	24.2

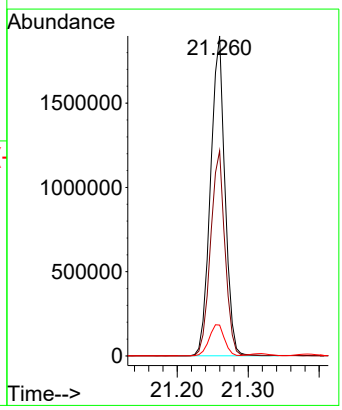


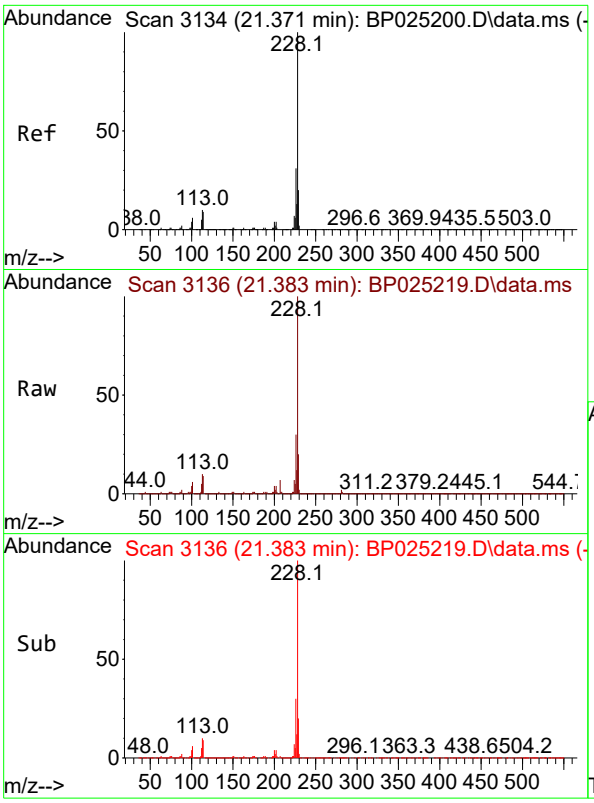


#82
3,3'-Dichlorobenzidine
Concen: 39.849 ng
RT: 21.260 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 2671574

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	9.6	8.6	12.8



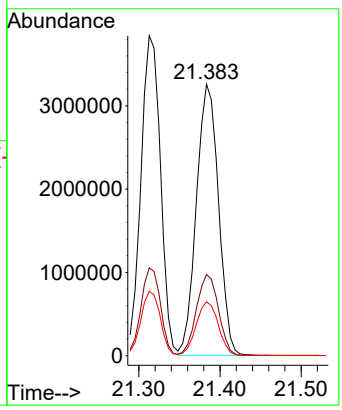


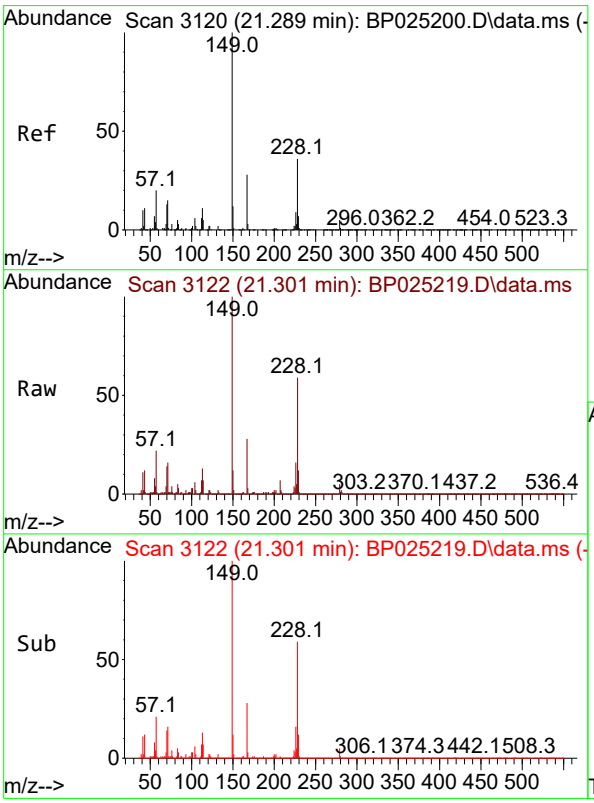
#83
Chrysene
Concen: 40.790 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 6158415

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	19.9	16.0	24.0

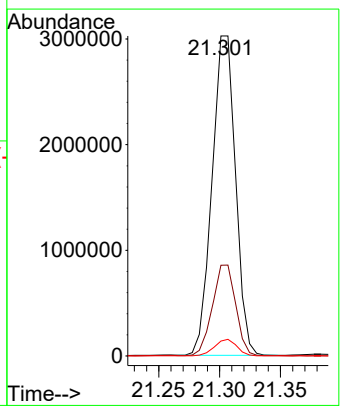


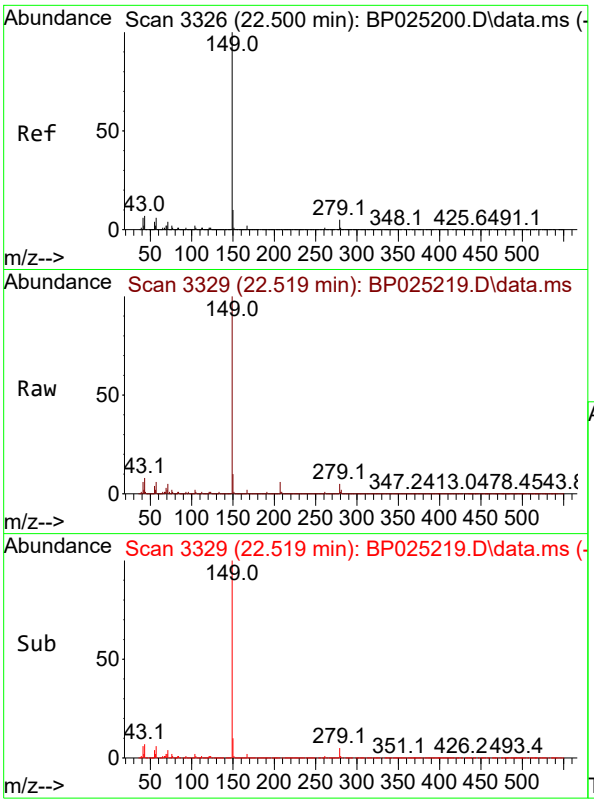


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.770 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 4064933

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	4.7	4.0	6.0



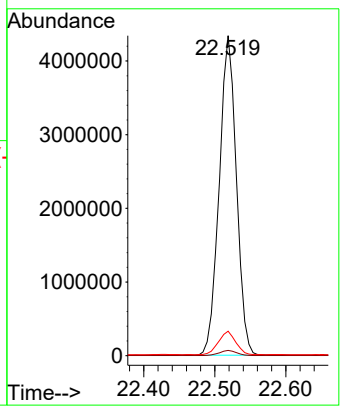


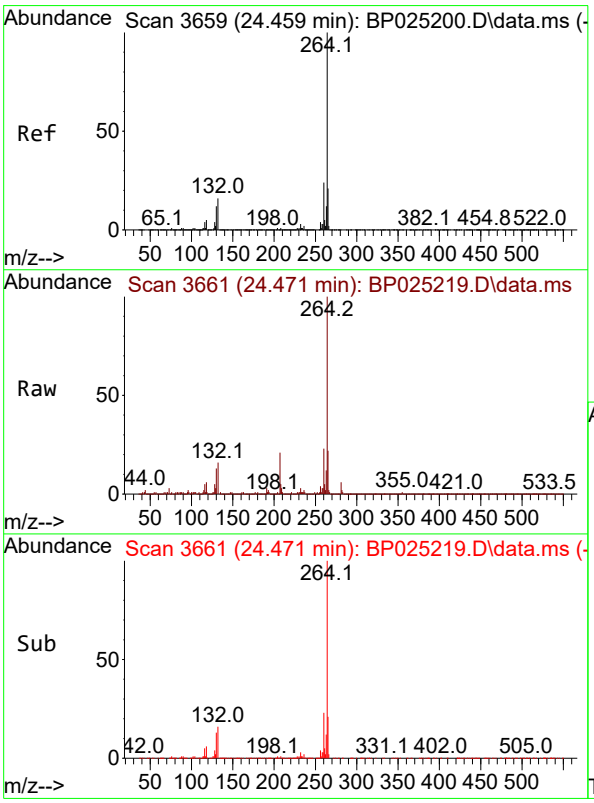
#85
Di-n-octyl phthalate
Concen: 41.223 ng
RT: 22.519 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 7275962

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	6.1	9.1

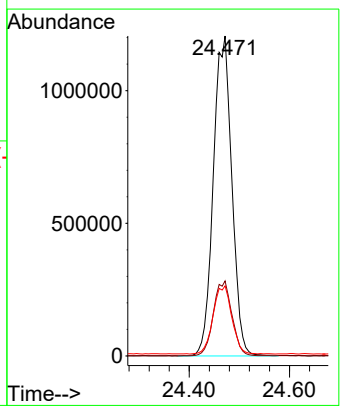


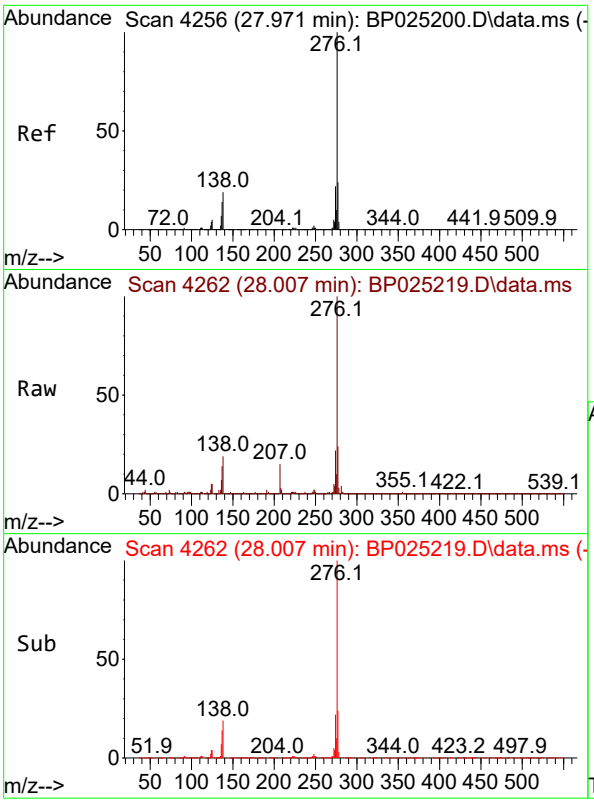


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:264 Resp: 3092373

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.9	17.5	26.3



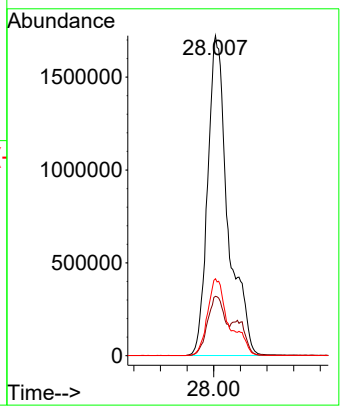


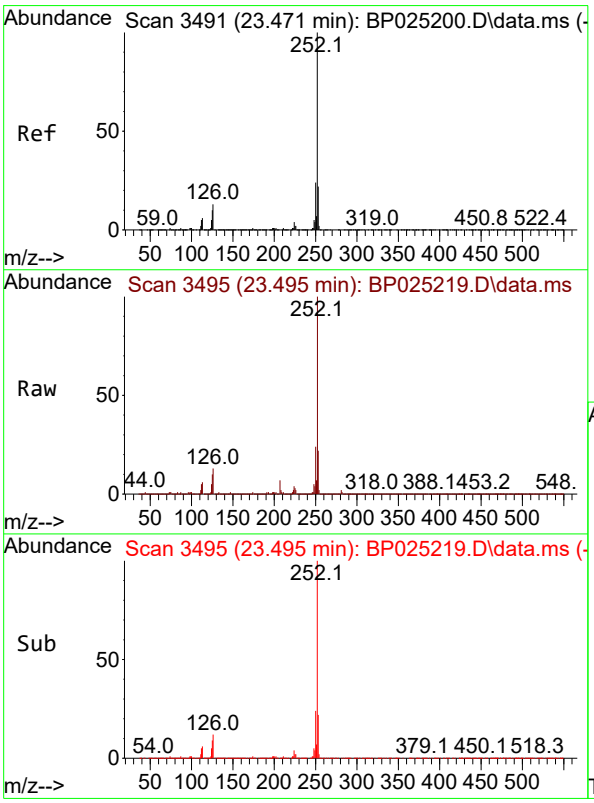
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.332 ng
RT: 28.007 min Scan# 4
Delta R.T. 0.036 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 9114238

Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.8	19.2
277	22.5	20.3	30.5

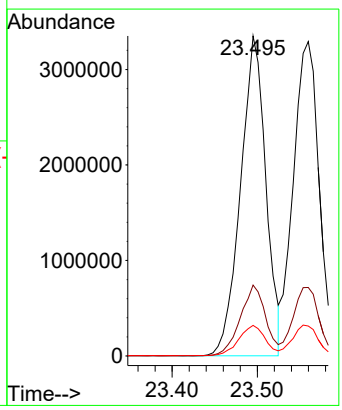


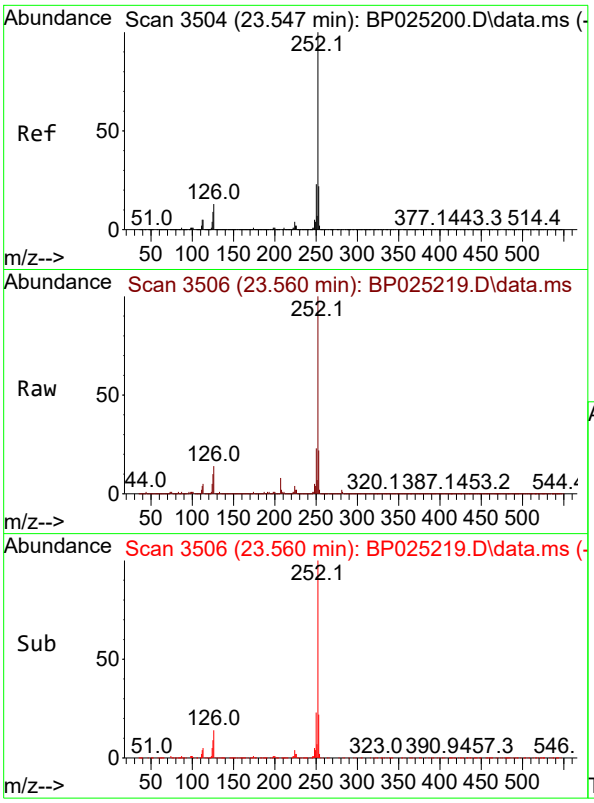


#88
Benzo(b)fluoranthene
Concen: 39.151 ng
RT: 23.495 min Scan# 3495
Delta R.T. 0.024 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 6930203

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.6	7.8	11.8



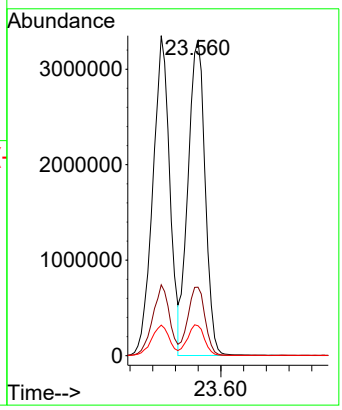


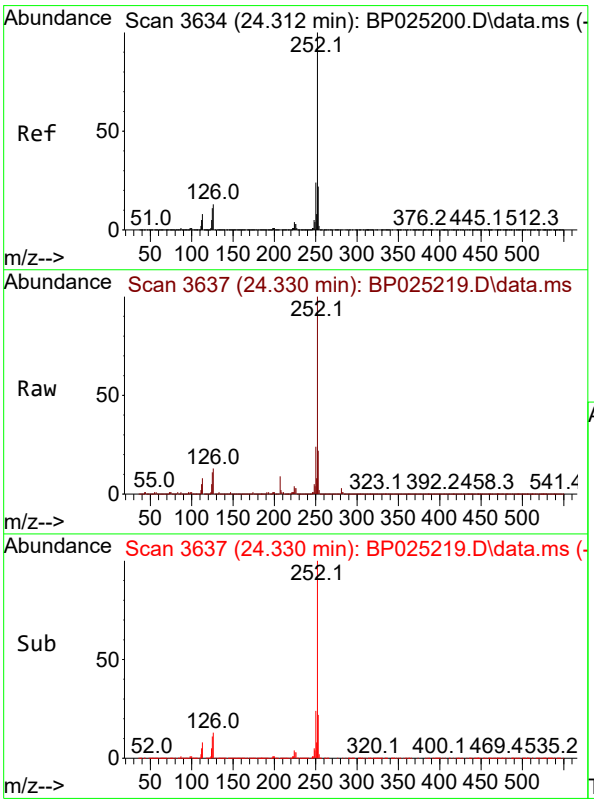
#89
Benzo(k)fluoranthene
Concen: 39.505 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 6903516

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.5	7.5	11.3

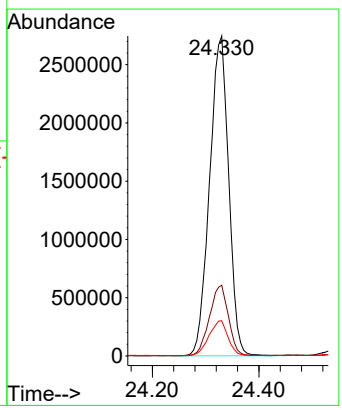


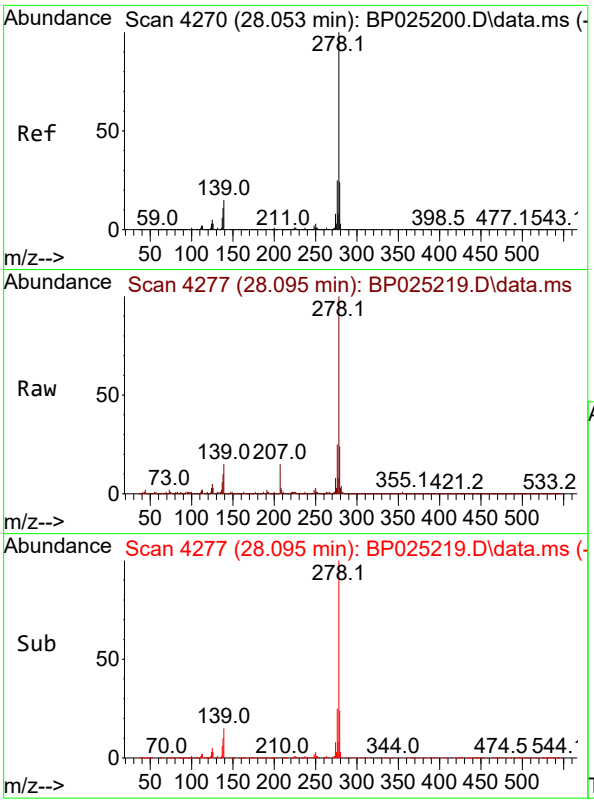


#90
Benzo(a)pyrene
Concen: 39.488 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 6819808

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.0	8.6	12.8



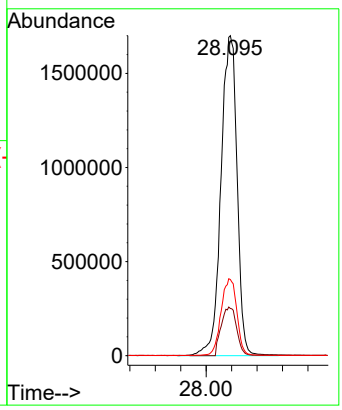


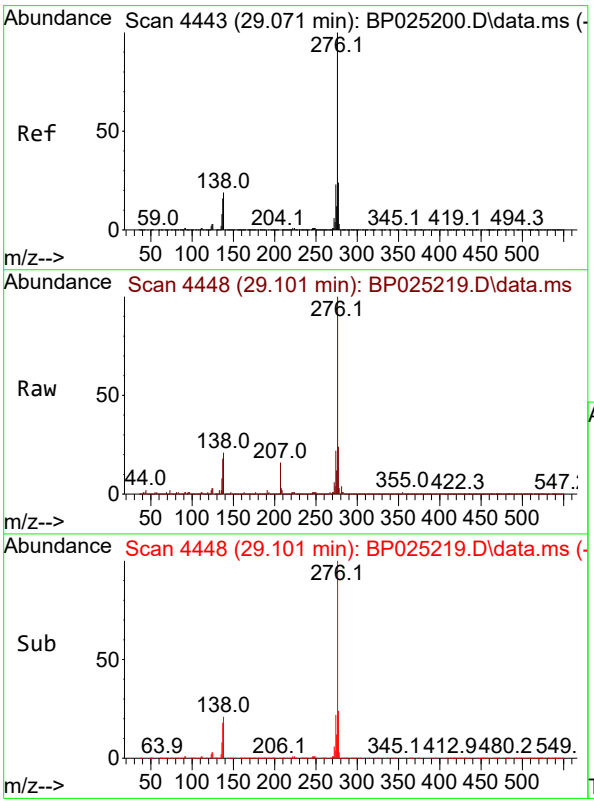
#91
Dibenzo(a,h)anthracene
Concen: 40.499 ng
RT: 28.095 min Scan# 4
Delta R.T. 0.042 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 7466678

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	23.8	19.5	29.3

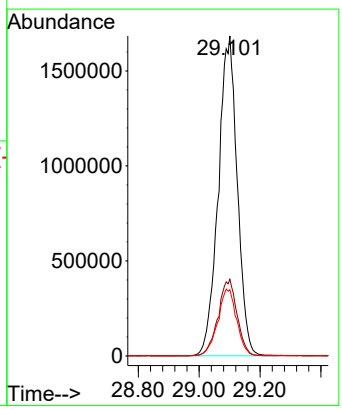




#92
Benzo(g,h,i)perylene
Concen: 40.219 ng
RT: 29.101 min Scan# 4448
Delta R.T. 0.030 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:276 Resp: 7287179

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	20.7	15.4	23.2



Sample Results: **BP025219.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	65	0.00
2		1,4-Dioxane	0.444	0.442	0.5	67	0.00
3		Pyridine	1.188	1.182	0.5	66	0.00
4		n-Nitrosodimethylamine	0.471	0.467	0.8	65	0.00
5	S	2-Fluorophenol	1.184	1.179	0.4	66	0.00
6		Aniline	1.916	1.952	-1.9	66	0.00
7	S	Phenol-d6	1.466	1.476	-0.7	65	0.00
8		2-Chlorophenol	1.343	1.350	-0.5	66	0.00
9		Benzaldehyde	0.994	0.962	3.2	56	0.00
10	C	Phenol	1.520	1.537	-1.1	66	0.00
11		bis(2-Chloroethyl)ether	1.166	1.175	-0.8	66	0.00
12		1,3-Dichlorobenzene	1.510	1.485	1.7	65	0.00
13	C	1,4-Dichlorobenzene	1.525	1.514	0.7	65	0.00
14		1,2-Dichlorobenzene	1.467	1.463	0.3	66	0.00
15		Benzyl Alcohol	1.057	1.081	-2.3	66	0.00
16		2,2'-oxybis(1-Chloropropane	1.491	1.471	1.3	64	0.00
17		2-Methylphenol	1.054	1.073	-1.8	66	0.00
18		Hexachloroethane	0.524	0.519	1.0	65	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	0.913	-3.5	67	0.00
20		3+4-Methylphenols	1.438	1.469	-2.2	66	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	65	0.00
22		Acetophenone	0.465	0.463	0.4	67	0.00
23	S	Nitrobenzene-d5	0.360	0.360	0.0	66	0.00
24		Nitrobenzene	0.321	0.322	-0.3	66	0.00
25		Isophorone	0.633	0.629	0.6	65	0.00
26	C	2-Nitrophenol	0.184	0.188	-2.2	67	0.00
27		2,4-Dimethylphenol	0.308	0.308	0.0	66	0.00
28		bis(2-Chloroethoxy)methane	0.396	0.392	1.0	66	0.00
29	C	2,4-Dichlorophenol	0.317	0.318	-0.3	66	0.01
30		1,2,4-Trichlorobenzene	0.346	0.336	2.9	65	0.00
31		Naphthalene	1.023	1.020	0.3	66	0.00
32		Benzoic acid	0.235	0.226	3.8	62	0.00
33		4-Chloroaniline	0.450	0.456	-1.3	68	0.00
34	C	Hexachlorobutadiene	0.208	0.203	2.4	65	0.00
35		Caprolactam	0.105	0.106	-1.0	68	0.00
36	C	4-Chloro-3-methylphenol	0.317	0.321	-1.3	68	0.00
37		2-Methylnaphthalene	0.665	0.659	0.9	66	0.00
38		1-Methylnaphthalene	0.698	0.698	0.0	66	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	66	0.00
40		1,2,4,5-Tetrachlorobenzene	0.599	0.599	0.0	67	0.00
41	P	Hexachlorocyclopentadiene	0.358	0.377	-5.3	70	0.00
42	S	2,4,6-Tribromophenol	0.295	0.297	-0.7	68	-0.01
43	C	2,4,6-Trichlorophenol	0.410	0.416	-1.5	67	0.00
44		2,4,5-Trichlorophenol	0.451	0.455	-0.9	66	0.00
45	S	2-Fluorobiphenyl	1.419	1.437	-1.3	67	0.00
46		1,1'-Biphenyl	1.450	1.460	-0.7	67	0.00
47		2-Chloronaphthalene	1.132	1.135	-0.3	67	0.00

Sample Results: **BP025219.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	0.289	0.300	-3.8	68	-0.01
49		Acenaphthylene	1.831	1.855	-1.3	67	-0.01
50		Dimethylphthalate	1.430	1.428	0.1	68	0.00
51		2,6-Dinitrotoluene	0.311	0.315	-1.3	67	0.00
52	C	Acenaphthene	1.059	1.059	0.0	67	0.00
53		3-Nitroaniline	0.350	0.351	-0.3	67	0.00
54	P	2,4-Dinitrophenol	0.184	0.191	-3.8	69	0.00
55		Dibenzofuran	1.710	1.713	-0.2	67	0.00
56	P	4-Nitrophenol	0.300	0.303	-1.0	69	0.00
57		2,4-Dinitrotoluene	0.435	0.448	-3.0	68	0.00
58		Fluorene	1.358	1.377	-1.4	68	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.404	-1.3	68	0.00
60		Diethylphthalate	1.410	1.410	0.0	67	0.00
61		4-Chlorophenyl-phenylether	0.686	0.685	0.1	67	0.00
62		4-Nitroaniline	0.356	0.368	-3.4	70	0.00
63		Azobenzene	1.149	1.151	-0.2	67	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	69	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.133	-3.1	70	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.594	2.1	68	0.00
67		4-Bromophenyl-phenylether	0.233	0.229	1.7	68	0.00
68		Hexachlorobenzene	0.277	0.268	3.2	66	0.00
69		Atrazine	0.225	0.221	1.8	69	-0.01
70	C	Pentachlorophenol	0.188	0.185	1.6	67	0.00
71		Phenanthrene	1.079	1.056	2.1	68	0.00
72		Anthracene	1.087	1.071	1.5	68	-0.01
73		Carbazole	1.037	1.015	2.1	68	0.00
74		Di-n-butylphthalate	1.197	1.238	-3.4	71	0.00
75	C	Fluoranthene	1.270	1.247	1.8	69	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	70	0.01
77		Benzidine	0.702	0.782	-11.4	64	0.01
78		Pyrene	1.233	1.269	-2.9	70	0.01
79	S	Terphenyl-d14	1.013	1.053	-3.9	82	0.00
80		Butylbenzylphthalate	0.558	0.561	-0.5	69	0.00
81		Benzo(a)anthracene	1.263	1.259	0.3	70	0.00
82		3,3'-Dichlorobenzidine	0.524	0.522	0.4	71	0.02
83		Chrysene	1.179	1.202	-2.0	72	0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.794	0.5	69	0.01
85	c	Di-n-octyl phthalate	1.378	1.420	-3.0	71	0.02
86	I	Perylene-d12	1.000	1.000	0.0	71	0.01
87		Indeno(1,2,3-cd)pyrene	1.462	1.474	-0.8	74	0.04
88		Benzo(b)fluoranthene	1.145	1.121	2.1	70	0.02
89		Benzo(k)fluoranthene	1.130	1.116	1.2	70	0.01
90	C	Benzo(a)pyrene	1.117	1.103	1.3	71	0.02
91		Dibenzo(a,h)anthracene	1.192	1.207	-1.3	73	0.04
92		Benzo(g,h,i)perylene	1.172	1.178	-0.5	73	0.03

Sample Results: **BP025219.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

Sample Results: **BP025219.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	65	0.00
2		1,4-Dioxane	40.000	39.868	0.3	67	0.00
3		Pyridine	40.000	39.826	0.4	66	0.00
4		n-Nitrosodimethylamine	40.000	39.659	0.9	65	0.00
5	S	2-Fluorophenol	80.000	79.702	0.4	66	0.00
6		Aniline	40.000	40.744	-1.9	66	0.00
7	S	Phenol-d6	80.000	80.555	-0.7	65	0.00
8		2-Chlorophenol	40.000	40.208	-0.5	66	0.00
9		Benzaldehyde	40.000	38.721	3.2	56	0.00
10	C	Phenol	40.000	40.446	-1.1	66	0.00
11		bis(2-Chloroethyl)ether	40.000	40.333	-0.8	66	0.00
12		1,3-Dichlorobenzene	40.000	39.335	1.7	65	0.00
13	C	1,4-Dichlorobenzene	40.000	39.724	0.7	65	0.00
14		1,2-Dichlorobenzene	40.000	39.912	0.2	66	0.00
15		Benzyl Alcohol	40.000	40.898	-2.2	66	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.458	1.4	64	0.00
17		2-Methylphenol	40.000	40.716	-1.8	66	0.00
18		Hexachloroethane	40.000	39.625	0.9	65	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.403	-3.5	67	0.00
20		3+4-Methylphenols	40.000	40.863	-2.2	66	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	65	0.00
22		Acetophenone	40.000	39.833	0.4	67	0.00
23	S	Nitrobenzene-d5	80.000	80.111	-0.1	66	0.00
24		Nitrobenzene	40.000	40.088	-0.2	66	0.00
25		Isophorone	40.000	39.759	0.6	65	0.00
26	C	2-Nitrophenol	40.000	40.821	-2.1	67	0.00
27		2,4-Dimethylphenol	40.000	40.011	-0.0	66	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.596	1.0	66	0.00
29	C	2,4-Dichlorophenol	40.000	40.108	-0.3	66	0.01
30		1,2,4-Trichlorobenzene	40.000	38.895	2.8	65	0.00
31		Naphthalene	40.000	39.861	0.3	66	0.00
32		Benzoic acid	40.000	38.480	3.8	62	0.00
33		4-Chloroaniline	40.000	40.557	-1.4	68	0.00
34	C	Hexachlorobutadiene	40.000	39.076	2.3	65	0.00
35		Caprolactam	40.000	40.170	-0.4	68	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.618	-1.5	68	0.00
37		2-Methylnaphthalene	40.000	39.677	0.8	66	0.00
38		1-Methylnaphthalene	40.000	39.968	0.1	66	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	66	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.944	0.1	67	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.194	-5.5	70	0.00
42	S	2,4,6-Tribromophenol	80.000	80.568	-0.7	68	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.592	-1.5	67	0.00
44		2,4,5-Trichlorophenol	40.000	40.380	-1.0	66	0.00
45	S	2-Fluorobiphenyl	80.000	81.023	-1.3	67	0.00
46		1,1'-Biphenyl	40.000	40.278	-0.7	67	0.00
47		2-Chloronaphthalene	40.000	40.098	-0.2	67	0.00

Sample Results: **BP025219.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	41.473	-3.7	68	-0.01
49		Acenaphthylene	40.000	40.533	-1.3	67	-0.01
50		Dimethylphthalate	40.000	39.945	0.1	68	0.00
51		2,6-Dinitrotoluene	40.000	40.513	-1.3	67	0.00
52	C	Acenaphthene	40.000	40.018	-0.0	67	0.00
53		3-Nitroaniline	40.000	40.071	-0.2	67	0.00
54	P	2,4-Dinitrophenol	40.000	41.472	-3.7	69	0.00
55		Dibenzofuran	40.000	40.066	-0.2	67	0.00
56	P	4-Nitrophenol	40.000	40.436	-1.1	69	0.00
57		2,4-Dinitrotoluene	40.000	41.217	-3.0	68	0.00
58		Fluorene	40.000	40.579	-1.4	68	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.533	-1.3	68	0.00
60		Diethylphthalate	40.000	40.011	-0.0	67	0.00
61		4-Chlorophenyl-phenylether	40.000	39.925	0.2	67	0.00
62		4-Nitroaniline	40.000	41.319	-3.3	70	0.00
63		Azobenzene	40.000	40.086	-0.2	67	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	69	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.175	-2.9	70	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.125	2.2	68	0.00
67		4-Bromophenyl-phenylether	40.000	39.169	2.1	68	0.00
68		Hexachlorobenzene	40.000	38.695	3.3	66	0.00
69		Atrazine	40.000	39.387	1.5	69	-0.01
70	C	Pentachlorophenol	40.000	39.338	1.7	67	0.00
71		Phenanthrene	40.000	39.150	2.1	68	0.00
72		Anthracene	40.000	39.414	1.5	68	-0.01
73		Carbazole	40.000	39.157	2.1	68	0.00
74		Di-n-butylphthalate	40.000	41.369	-3.4	71	0.00
75	C	Fluoranthene	40.000	39.305	1.7	69	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	70	0.01
77		Benzidine	40.000	44.552	-11.4	64	0.01
78		Pyrene	40.000	41.170	-2.9	70	0.01
79	S	Terphenyl-d14	80.000	83.178	-4.0	82	0.00
80		Butylbenzylphthalate	40.000	40.212	-0.5	69	0.00
81		Benzo(a)anthracene	40.000	39.878	0.3	70	0.00
82		3,3'-Dichlorobenzidine	40.000	39.849	0.4	71	0.02
83		Chrysene	40.000	40.790	-2.0	72	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	39.770	0.6	69	0.01
85	c	Di-n-octyl phthalate	40.000	41.223	-3.1	71	0.02
86	I	Perylene-d12	20.000	20.000	0.0	71	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	40.332	-0.8	74	0.04
88		Benzo(b)fluoranthene	40.000	39.151	2.1	70	0.02
89		Benzo(k)fluoranthene	40.000	39.505	1.2	70	0.01
90	C	Benzo(a)pyrene	40.000	39.488	1.3	71	0.02
91		Dibenzo(a,h)anthracene	40.000	40.499	-1.2	73	0.04
92		Benzo(g,h,i)perylene	40.000	40.219	-0.5	73	0.03

Sample Results: **BP025219.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 16:13

Lab File ID: BP025226.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:25 19:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.184	1.173		-0.9	50.0
Phenol-d6	1.466	1.495		2.0	50.0
Nitrobenzene-d5	0.360	0.364		1.1	50.0
Naphthalene	1.023	1.020		-0.3	50.0
2-Methylnaphthalene	0.665	0.662		-0.5	50.0
2-Fluorobiphenyl	1.419	1.428		0.6	50.0
Acenaphthylene	1.831	1.873		2.3	50.0
Acenaphthene	1.059	1.072		1.2	50.0
Fluorene	1.358	1.427		5.1	50.0
2,4,6-Tribromophenol	0.295	0.324		9.8	50.0
Phenanthrene	1.079	1.093		1.3	50.0
Anthracene	1.087	1.138		4.7	50.0
Fluoranthene	1.270	1.306		2.8	50.0
Pyrene	1.233	1.277		3.6	50.0
Terphenyl-d14	1.013	1.077		6.3	50.0
Benzo(a)anthracene	1.263	1.287		1.9	50.0
Chrysene	1.179	1.189		0.8	50.0
Benzo(b)fluoranthene	1.145	1.126		-1.7	50.0
Benzo(k)fluoranthene	1.130	1.145		1.3	50.0
Benzo(a)pyrene	1.117	1.103		-1.3	50.0
Indeno(1,2,3-cd)pyrene	1.462	1.426		-2.5	50.0
Dibenzo(a,h)anthracene	1.192	1.164		-2.3	50.0
Benzo(g,h,i)perylene	1.172	1.140		-2.7	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	421897	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1750040	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1174318	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2549406	20.000	ng	0.01
76) Chrysene-d12	21.348	240	2750456	20.000	ng	0.02
86) Perylene-d12	24.489	264	3266187	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	1978949	79.254	ng	0.00
7) Phenol-d6	6.643	99	2523247	81.590	ng	0.00
23) Nitrobenzene-d5	8.566	82	2547924	80.910	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1523626	88.010	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	6706884	80.519	ng	0.00
79) Terphenyl-d14	19.660	244	11843736	85.004	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	362391	38.724	ng	99
3) Pyridine	3.490	79	970000	38.721	ng	99
4) n-Nitrosodimethylamine	3.402	42	391174	39.375	ng	95
6) Aniline	6.778	93	1645967	40.717	ng	100
8) 2-Chlorophenol	7.013	128	1145574	40.435	ng	99
9) Benzaldehyde	6.596	77	821679	39.187	ng	100
10) Phenol	6.666	94	1310286	40.854	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	968101	39.372	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1257357	39.465	ng	99
13) 1,4-Dichlorobenzene	7.466	146	1281149	39.837	ng	100
14) 1,2-Dichlorobenzene	7.778	146	1232371	39.835	ng	99
15) Benzyl Alcohol	7.672	79	914524	40.996	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1228018	39.032	ng	99
17) 2-Methylphenol	7.884	107	918321	41.301	ng	99
18) Hexachloroethane	8.490	117	429581	38.843	ng	99
19) n-Nitroso-di-n-propyla...	8.231	70	762902	41.006	ng	100
20) 3+4-Methylphenols	8.202	107	1255779	41.404	ng	99
22) Acetophenone	8.243	105	1626199	39.934	ng	98
24) Nitrobenzene	8.607	77	1134306	40.408	ng	98
25) Isophorone	9.131	82	2165372	39.102	ng	100
26) 2-Nitrophenol	9.313	139	672219	41.700	ng	99
27) 2,4-Dimethylphenol	9.390	122	1088351	40.348	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	1342968	38.771	ng	100
29) 2,4-Dichlorophenol	9.843	162	1139279	41.112	ng	100
30) 1,2,4-Trichlorobenzene	10.054	180	1203645	39.767	ng	99
31) Naphthalene	10.231	128	3569658	39.861	ng	99
32) Benzoic acid	9.537	122	988555	48.005	ng	99
33) 4-Chloroaniline	10.343	127	1623996	41.255	ng	100
34) Hexachlorobutadiene	10.519	225	713422	39.161	ng	99
35) Caprolactam	11.137	113	387211	42.101	ng	100
36) 4-Chloro-3-methylphenol	11.490	107	1163924	42.016	ng	99
37) 2-Methylnaphthalene	11.860	142	2317760	39.858	ng	99
38) 1-Methylnaphthalene	12.078	142	2485497	40.690	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1395264	39.638	ng	100
41) Hexachlorocyclopentadiene	12.225	237	559822	26.642	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	982275	40.841	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1087142	41.075	ng	99
46) 1,1'-Biphenyl	12.901	154	3358747	39.455	ng	100
47) 2-Chloronaphthalene	12.943	162	2671858	40.201	ng	99
48) 2-Nitroaniline	13.148	65	710602	41.867	ng	99
49) Acenaphthylene	13.795	152	4399537	40.927	ng	100
50) Dimethylphthalate	13.554	163	3275604	39.003	ng	99
51) 2,6-Dinitrotoluene	13.660	165	748217	41.002	ng	96
52) Acenaphthene	14.154	154	2517373	40.497	ng	100
53) 3-Nitroaniline	13.995	138	874454	42.494	ng	98
54) 2,4-Dinitrophenol	14.201	184	327781	30.316	ng	98
55) Dibenzofuran	14.495	168	4104990	40.883	ng	99
56) 4-Nitrophenol	14.342	139	779949	44.292	ng	99
57) 2,4-Dinitrotoluene	14.466	165	1099838	43.057	ng	96
58) Fluorene	15.160	166	3352512	42.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1007332	43.006	ng	100
60) Diethylphthalate	14.954	149	3330481	40.235	ng	100
61) 4-Chlorophenyl-phenyle...	15.166	204	1645291	40.846	ng	99
62) 4-Nitroaniline	15.184	138	938362	44.837	ng	99
63) Azobenzene	15.466	77	2832864	41.997	ng	99
65) 4,6-Dinitro-2-methylph...	15.254	198	483541	29.390	ng	99
66) n-Nitrosodiphenylamine	15.389	169	2952463	38.155	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	1134789	38.140	ng	99
68) Hexachlorobenzene	16.195	284	1386355	39.236	ng	97
69) Atrazine	16.384	200	1142872	39.913	ng	99
70) Pentachlorophenol	16.554	266	1017463	42.346	ng	100
71) Phenanthrene	16.942	178	5574744	40.543	ng	100
72) Anthracene	17.036	178	5802800	41.892	ng	99
73) Carbazole	17.319	167	5518563	41.734	ng	100
74) Di-n-butylphthalate	17.942	149	6332663	41.506	ng	100
75) Fluoranthene	19.048	202	6660238	41.156	ng	99
77) Benzidine	19.248	184	4198464	43.479	ng	99
78) Pyrene	19.430	202	7026109	41.430	ng	100
80) Butylbenzylphthalate	20.407	149	3175224	41.362	ng	98
81) Benzo(a)anthracene	21.330	228	7079313	40.758	ng	100
82) 3,3'-Dichlorobenzidine	21.254	252	2912207	40.448	ng	99
83) Chrysene	21.389	228	6542329	40.349	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4635740	42.232	ng	99
85) Di-n-octyl phthalate	22.518	149	7969743	42.046	ng	100
87) Indeno(1,2,3-cd)pyrene	28.036	276	9317715m	39.038	ng	
88) Benzo(b)fluoranthene	23.483	252	7353598	39.332	ng	99
89) Benzo(k)fluoranthene	23.554	252	7478960	40.521	ng	100
90) Benzo(a)pyrene	24.330	252	7205655	39.502	ng	100
91) Dibenzo(a,h)anthracene	28.106	278	7603495	39.046	ng	98
92) Benzo(g,h,i)perylene	29.106	276	7447383	38.916	ng	99

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

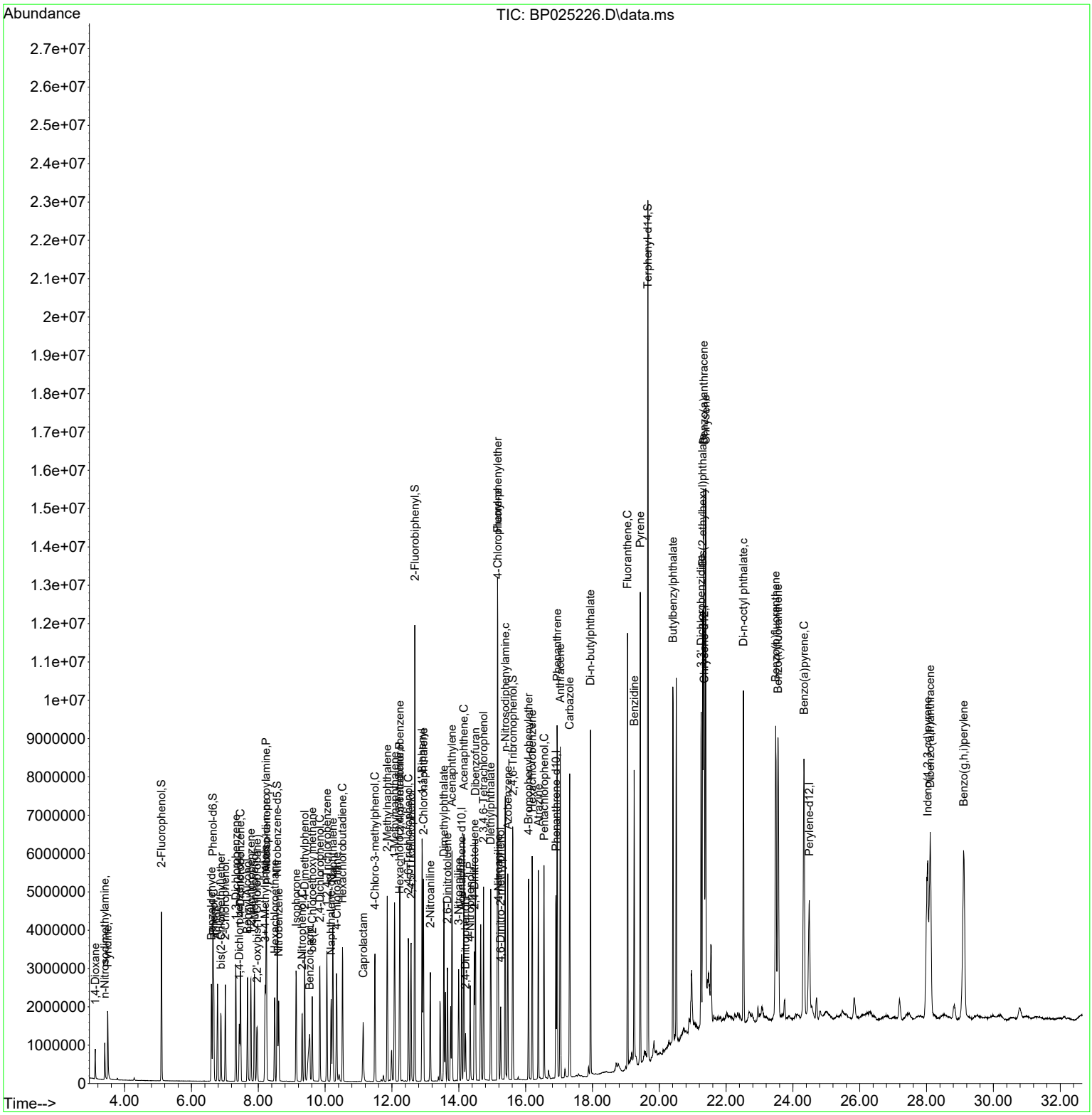
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

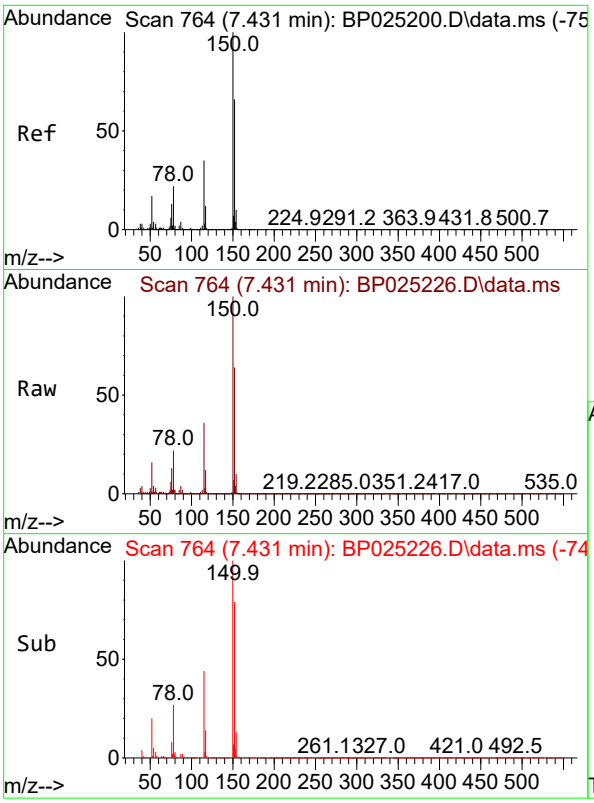
Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

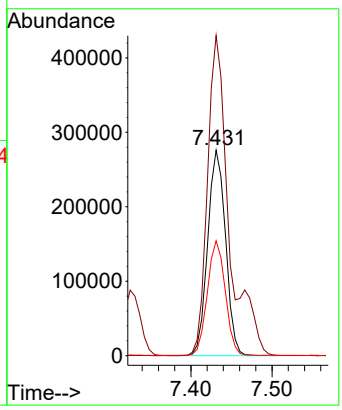




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:152 Resp: 42189

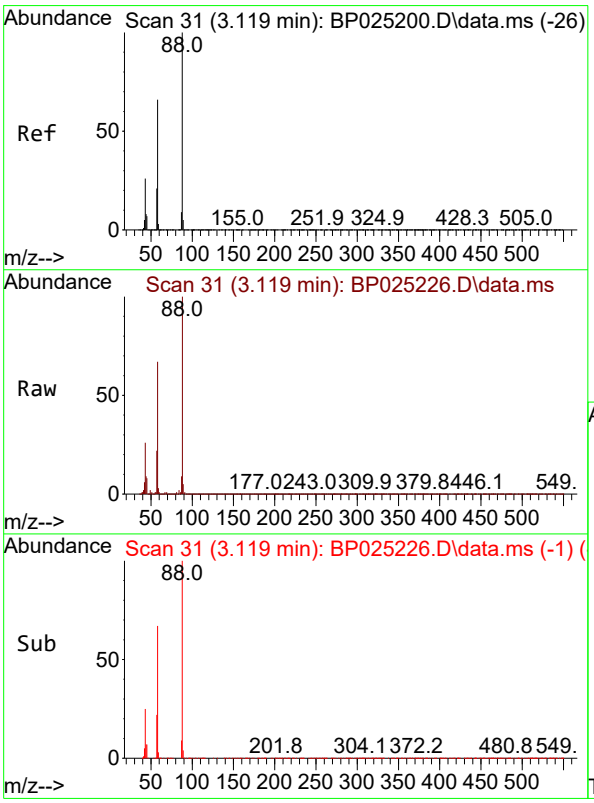
Ion	Ratio	Lower	Upper
152	100		
150	155.7	121.9	182.9
115	55.9	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

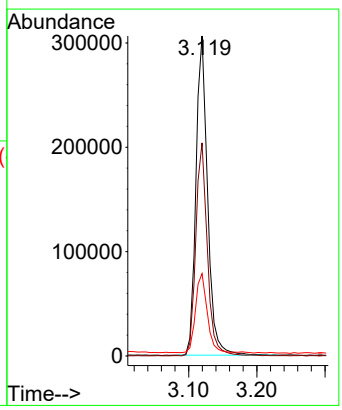
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

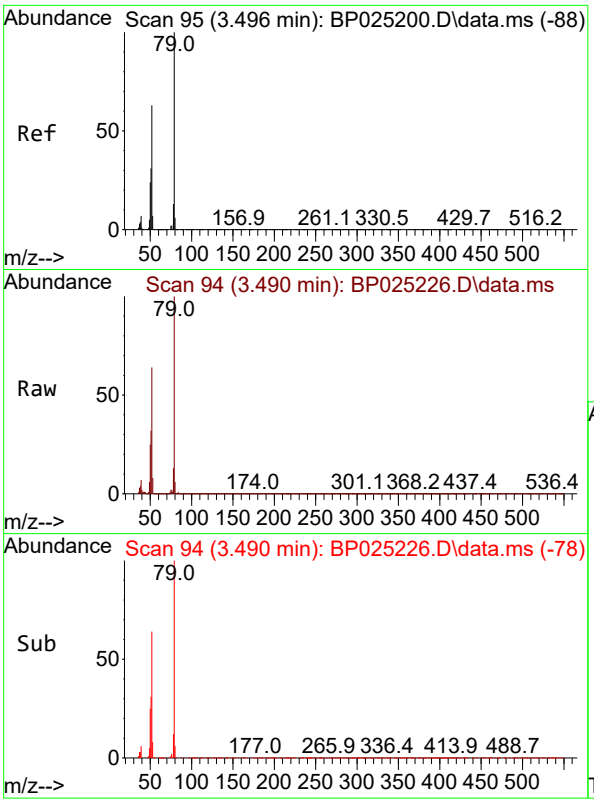


#2
1,4-Dioxane
Concen: 38.724 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 88 Resp: 362391

Ion	Ratio	Lower	Upper
88	100		
58	66.5	53.5	80.3
43	24.9	20.8	31.2

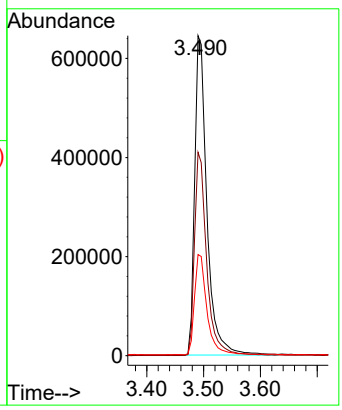




#3
Pyridine
Concen: 38.721 ng
RT: 3.490 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 79 Resp: 97000

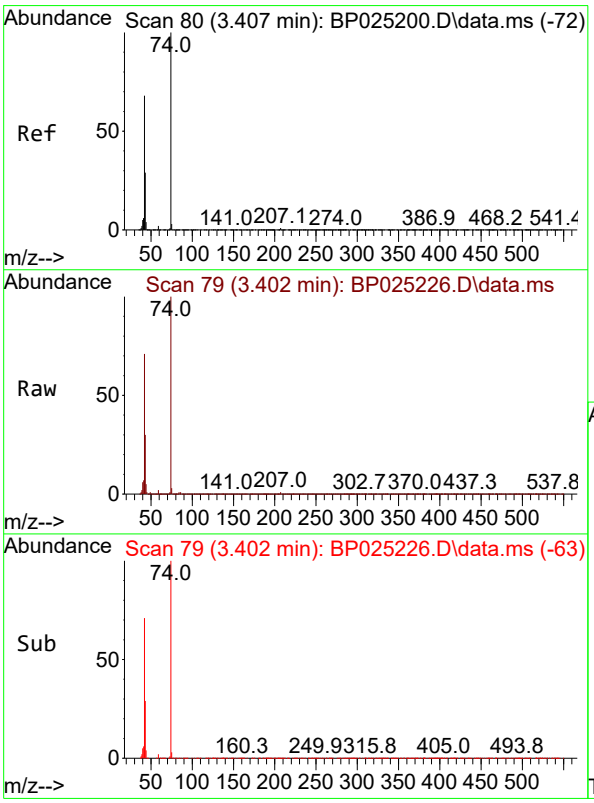
Ion	Ratio	Lower	Upper
79	100		
52	63.5	50.2	75.4
51	31.6	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

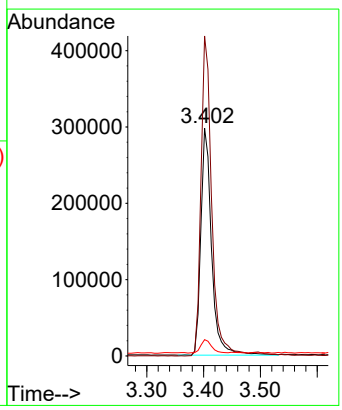
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

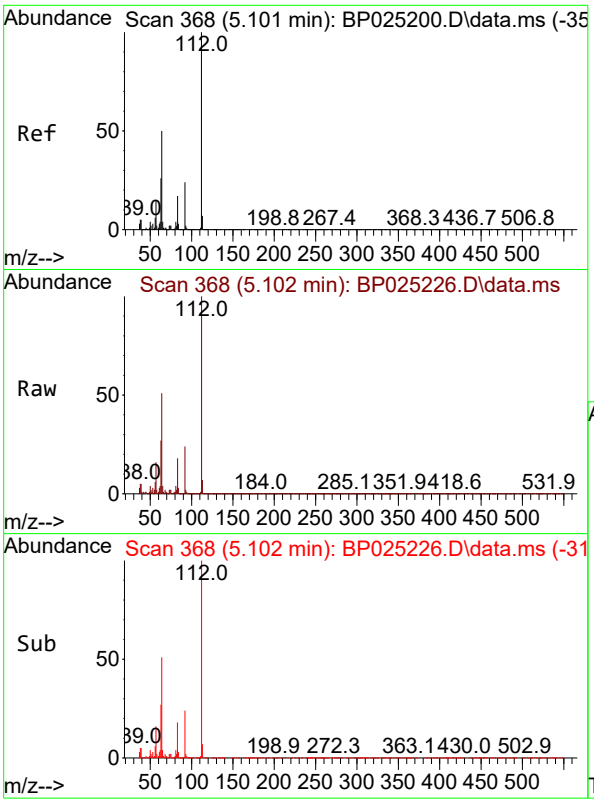


#4
n-Nitrosodimethylamine
Concen: 39.375 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 42 Resp: 391174

Ion	Ratio	Lower	Upper
42	100		
74	140.4	118.0	177.0
44	7.1	5.5	8.3





#5
2-Fluorophenol
Concen: 79.254 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

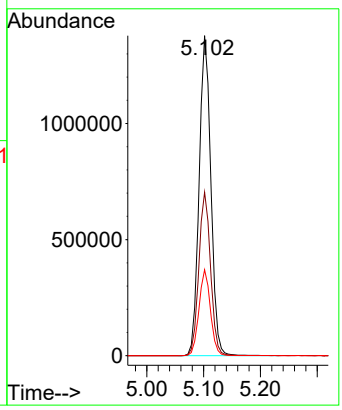
Tgt Ion:112 Resp: 197894

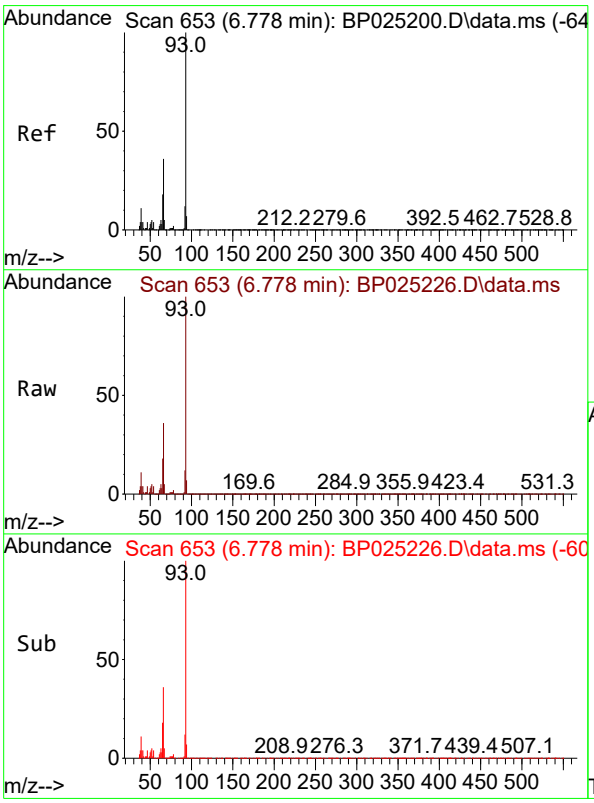
Ion	Ratio	Lower	Upper
112	100		
64	51.1	39.8	59.6
63	26.8	20.5	30.7

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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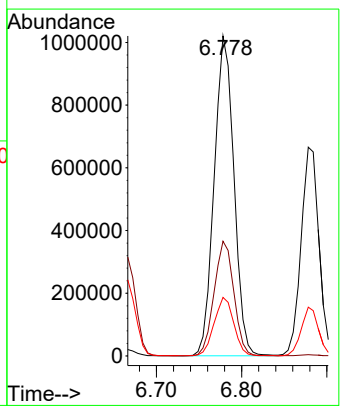


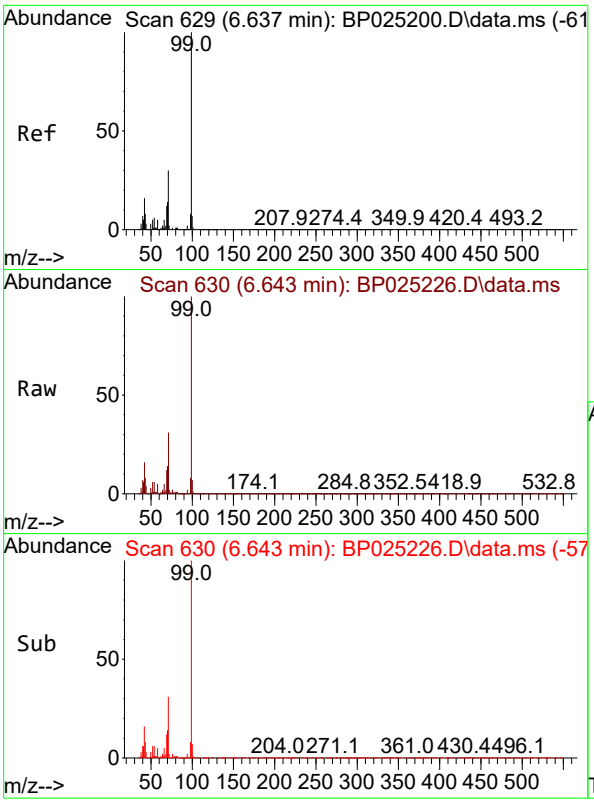


#6
Aniline
Concen: 40.717 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 1645967

Ion	Ratio	Lower	Upper
93	100		
66	35.8	28.6	43.0
65	18.3	14.6	21.8

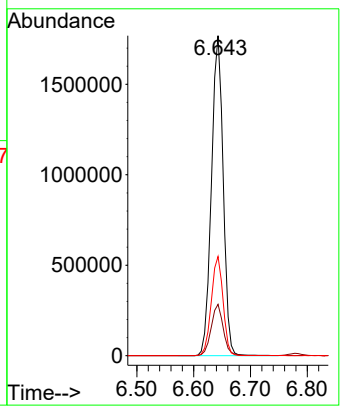




#7
Phenol-d6
Concen: 81.590 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 99 Resp: 252324

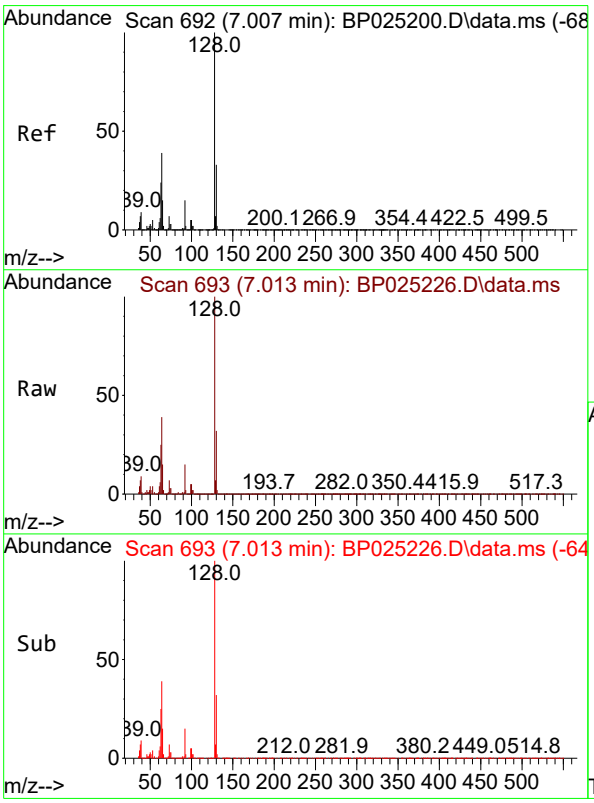
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.5	18.7
71	31.0	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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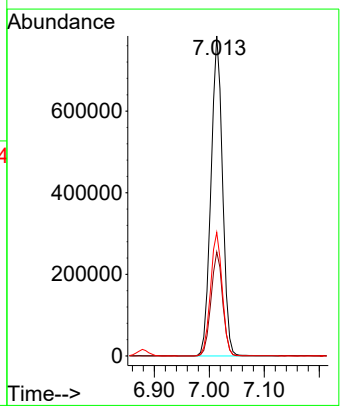
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

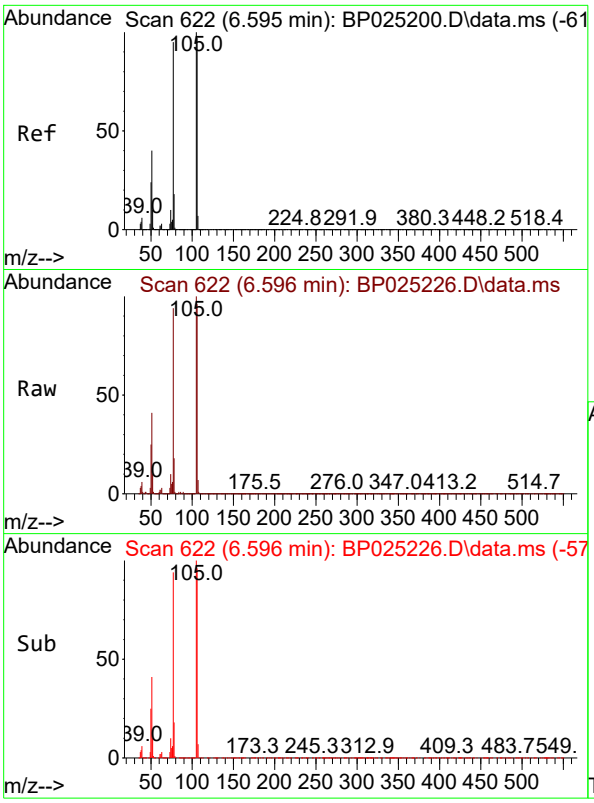


#8
2-Chlorophenol
Concen: 40.435 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:128 Resp: 1145574

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	38.6	19.2	59.2

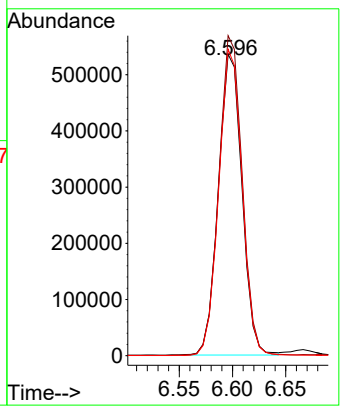




#9
Benzaldehyde
Concen: 39.187 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 77 Resp: 82167

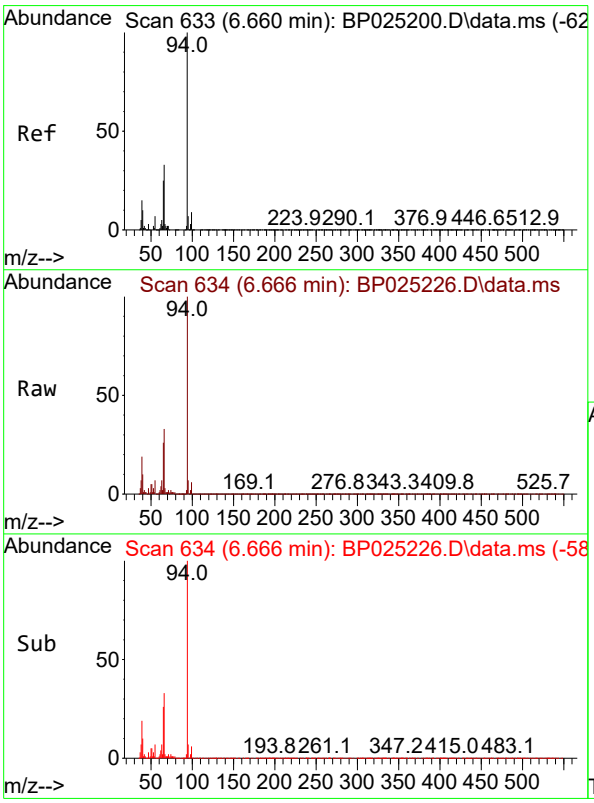
Ion	Ratio	Lower	Upper
77	100		
105	106.1	85.5	125.5
106	101.6	81.9	121.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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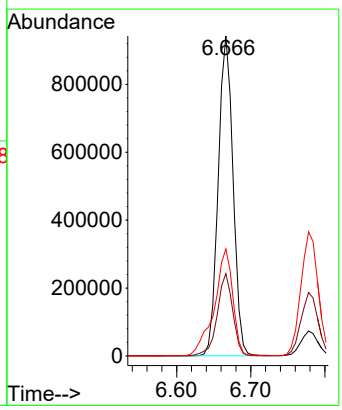
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

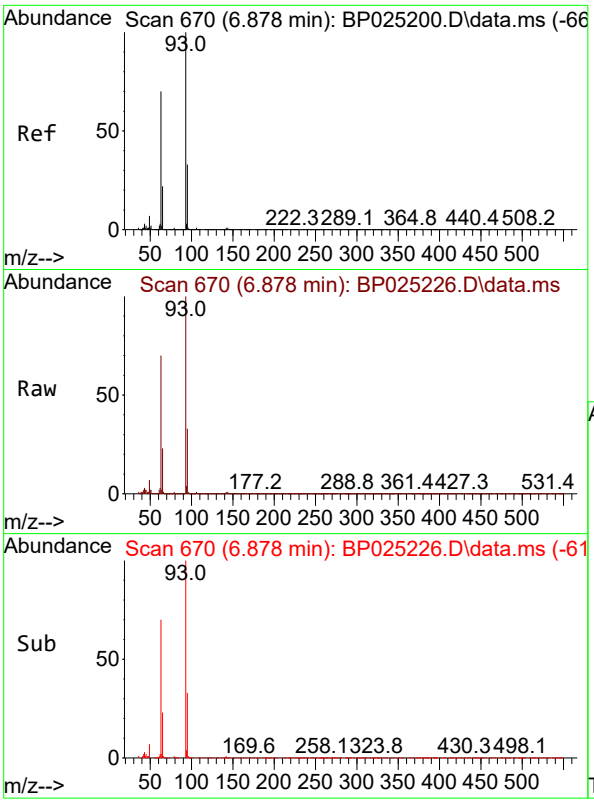


#10
Phenol
Concen: 40.854 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 94 Resp: 1310286

Ion	Ratio	Lower	Upper
94	100		
65	25.8	5.4	45.4
66	33.5	13.5	53.5

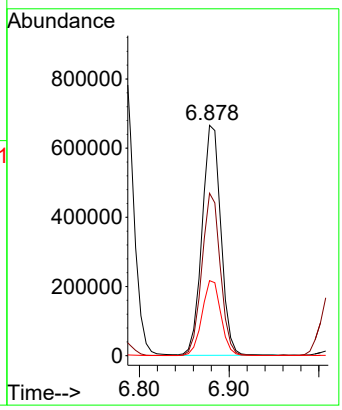




#11
bis(2-Chloroethyl)ether
Concen: 39.372 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 96810

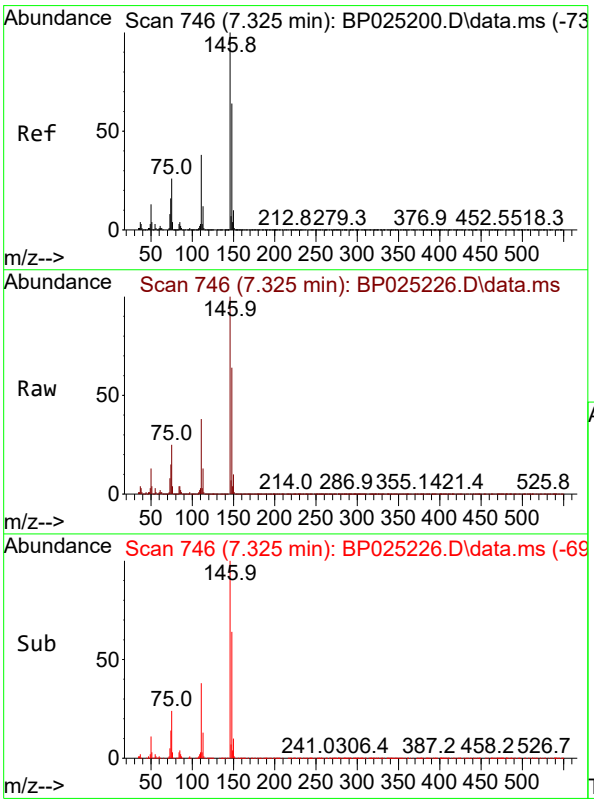
Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.0	90.0
95	32.6	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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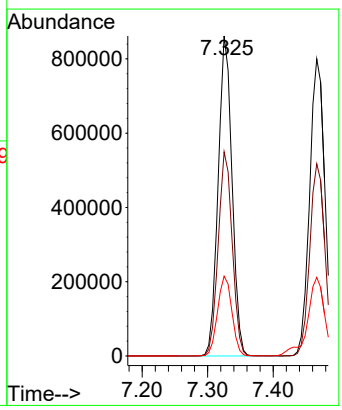
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

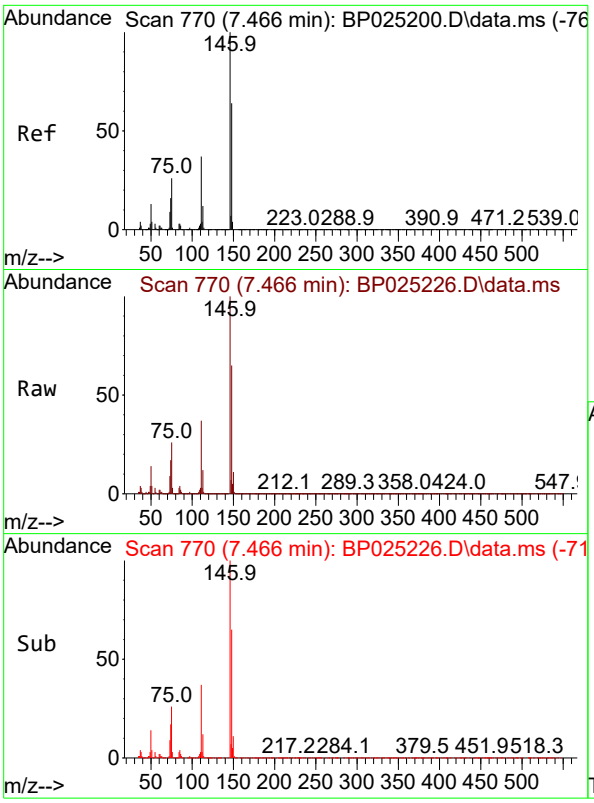


#12
1,3-Dichlorobenzene
Concen: 39.465 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 1257357

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	25.0	20.6	31.0

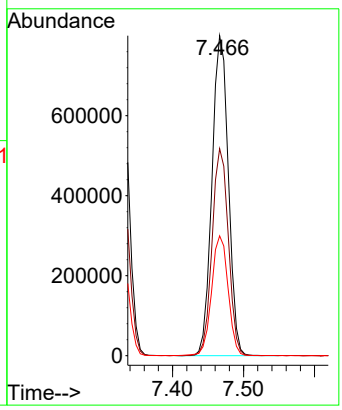




#13
1,4-Dichlorobenzene
Concen: 39.837 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 128114

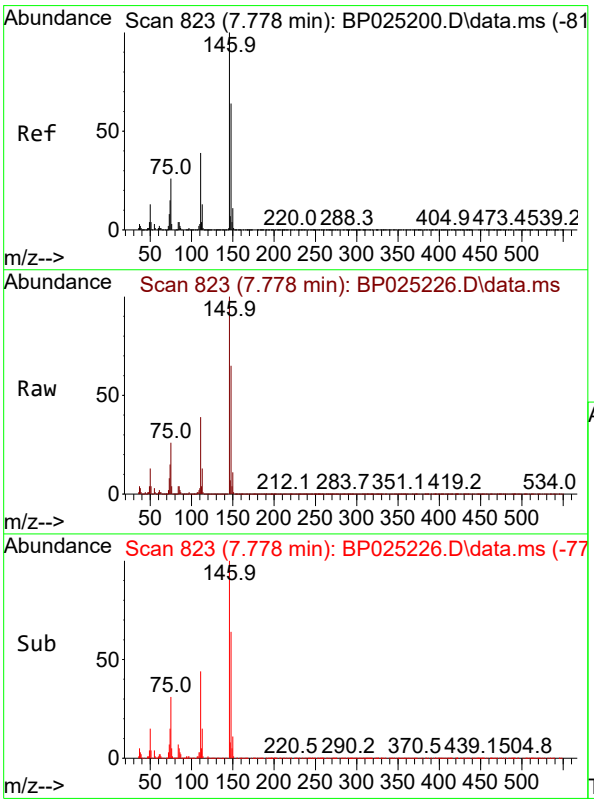
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	37.5	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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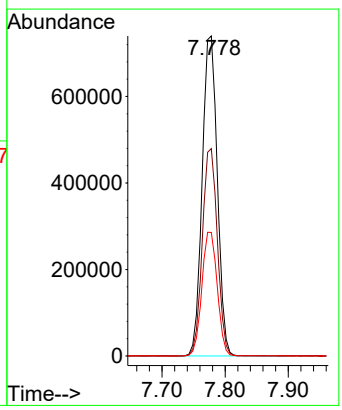
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

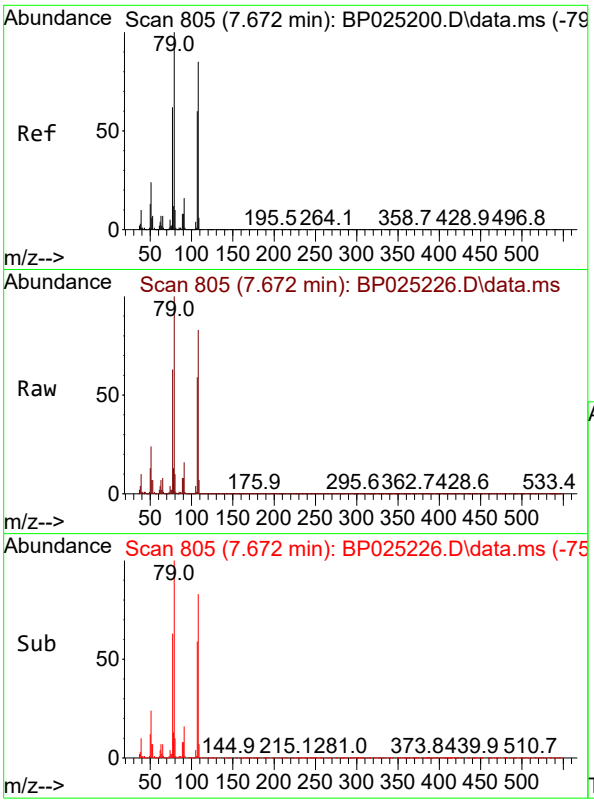


#14
1,2-Dichlorobenzene
Concen: 39.835 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 1232371

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	38.6	31.3	46.9





#15
Benzyl Alcohol
Concen: 40.996 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

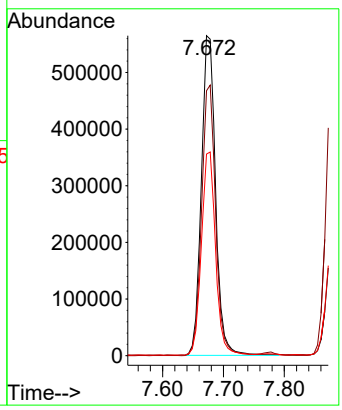
Tgt Ion: 79 Resp: 91452

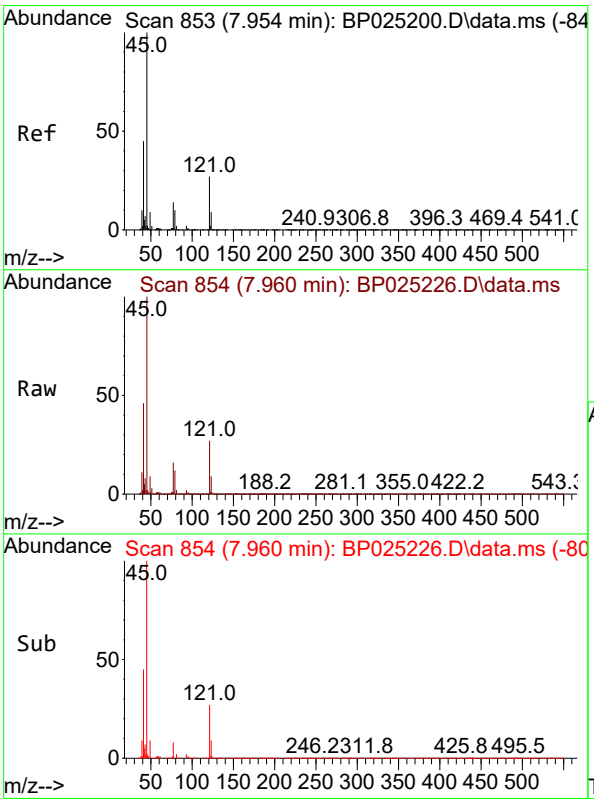
Ion	Ratio	Lower	Upper
79	100		
108	82.8	67.8	101.6
77	63.0	49.9	74.9

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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Supervised By :Jagrut Upadhyay 07/24/2025

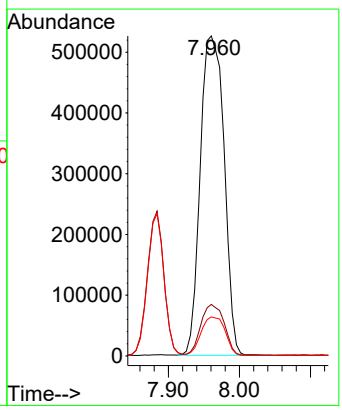


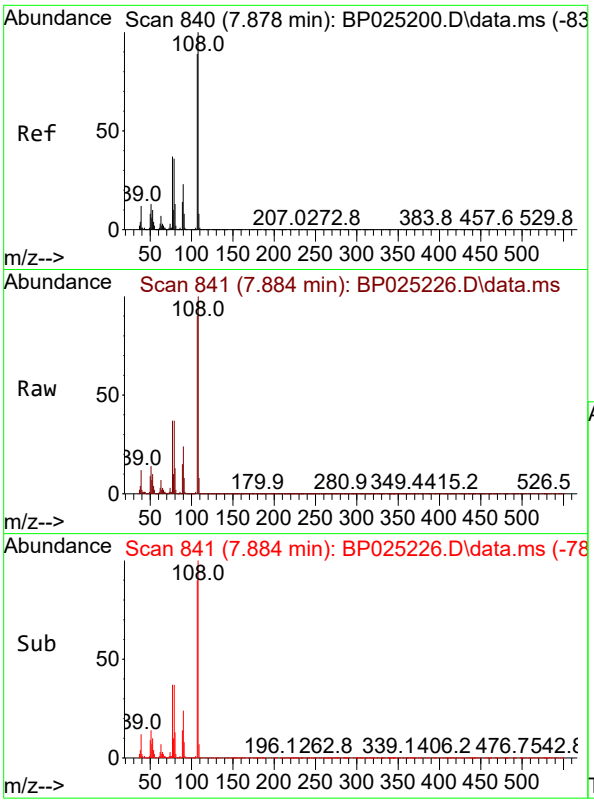


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.032 ng
RT: 7.960 min Scan# 854
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 45 Resp: 1228018

Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	36.0
79	12.2	0.0	31.7

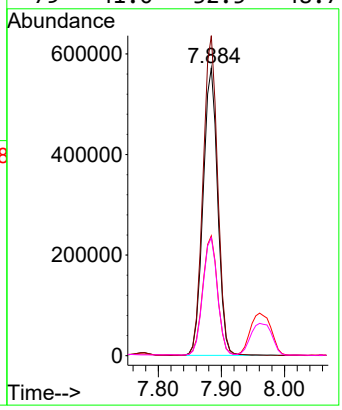




#17
2-Methylphenol
Concen: 41.301 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 91832

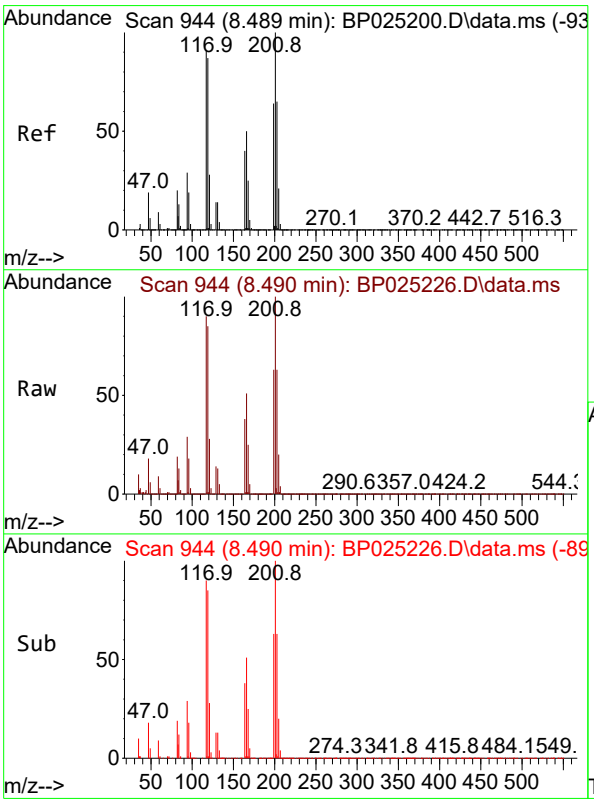
Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.8	134.8
77	41.7	33.2	49.8
79	41.0	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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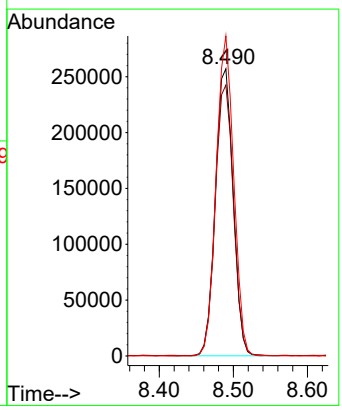
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

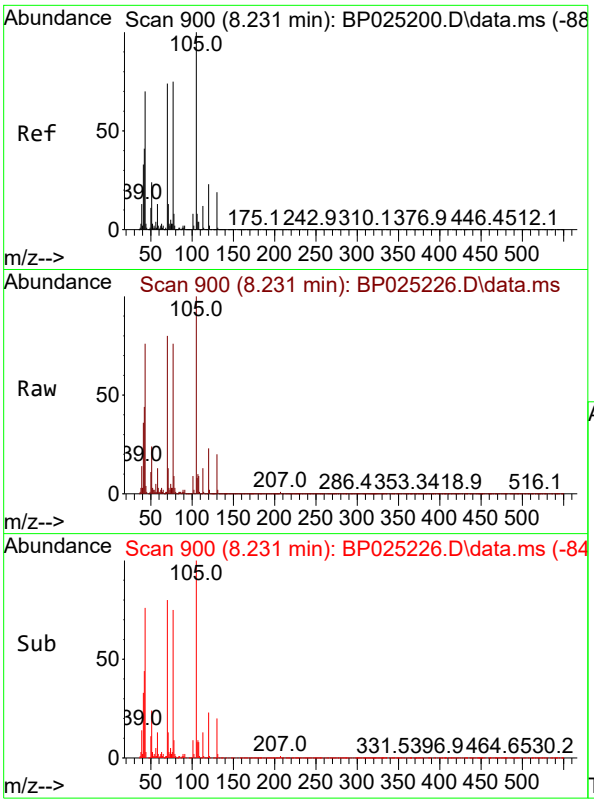


#18
Hexachloroethane
Concen: 38.843 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:117 Resp: 429581

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.0	115.6
201	111.4	88.3	132.5

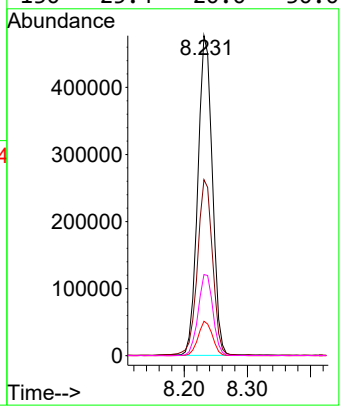




#19
n-Nitroso-di-n-propylamine
Concen: 41.006 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 70 Resp: 76290

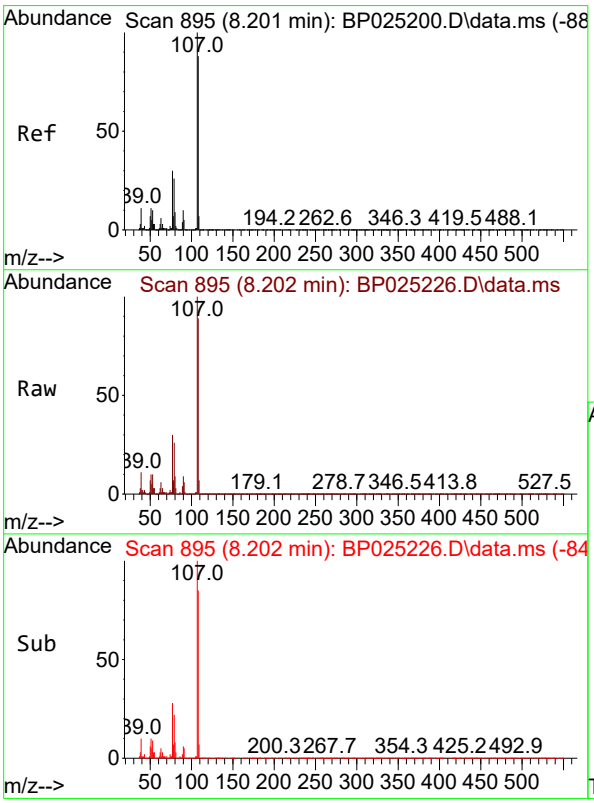
Ion	Ratio	Lower	Upper
70	100		
42	55.0	44.2	66.2
101	10.7	8.6	12.8
130	25.4	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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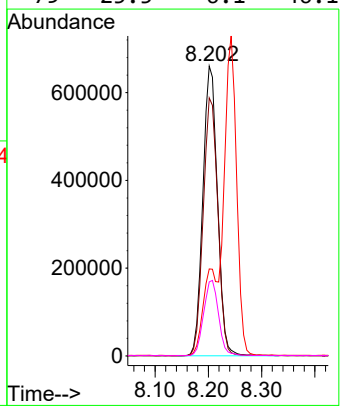
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

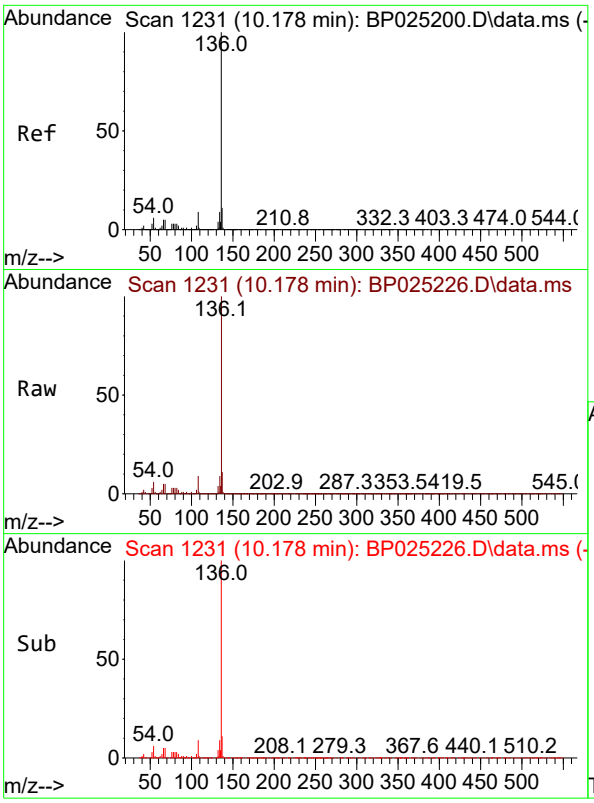


#20
3+4-Methylphenols
Concen: 41.404 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 1255779

Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.8	107.8
77	30.0	10.3	50.3
79	25.5	6.1	46.1

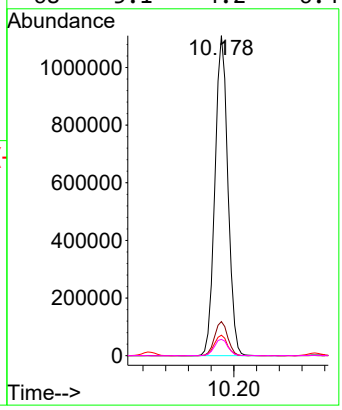




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:136 Resp: 175004

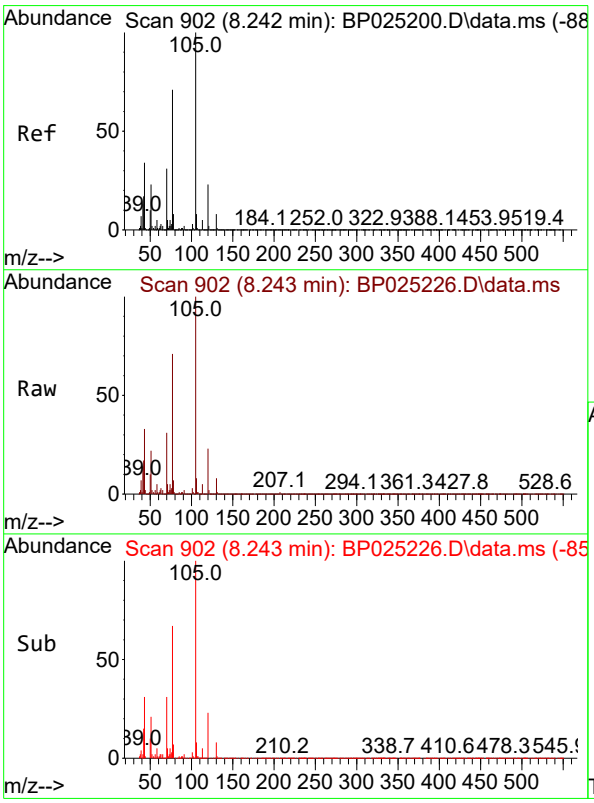
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.4	5.1	7.7
68	5.1	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

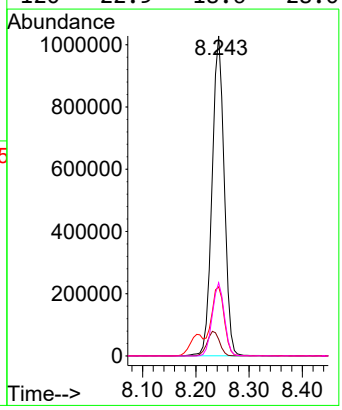
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

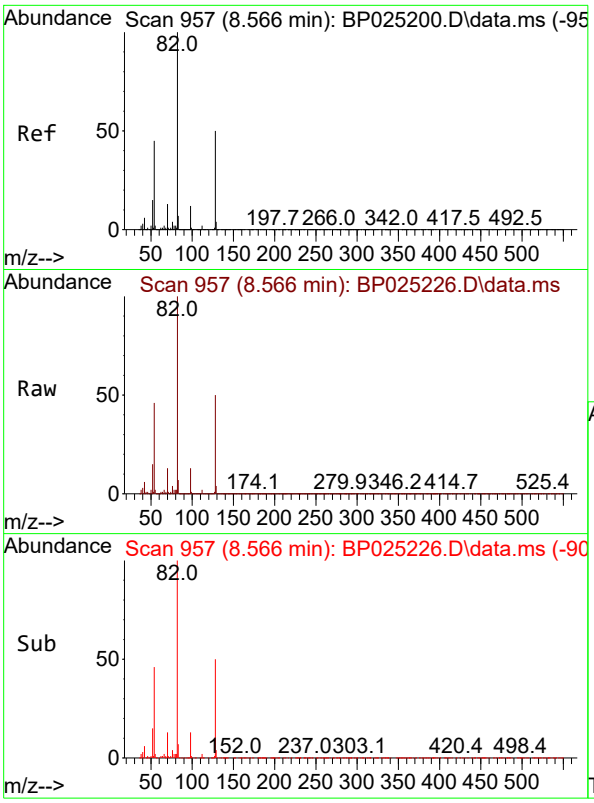


#22
Acetophenone
Concen: 39.934 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:105 Resp: 1626199

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.1	6.1
51	21.6	18.5	27.7
120	22.9	18.6	28.0

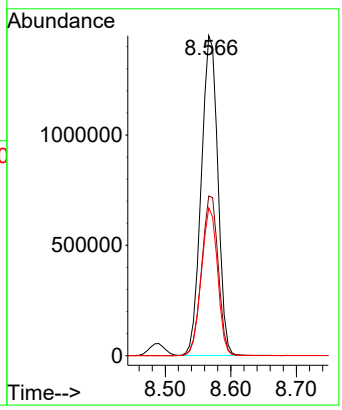




#23
Nitrobenzene-d5
Concen: 80.910 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 82 Resp: 254792

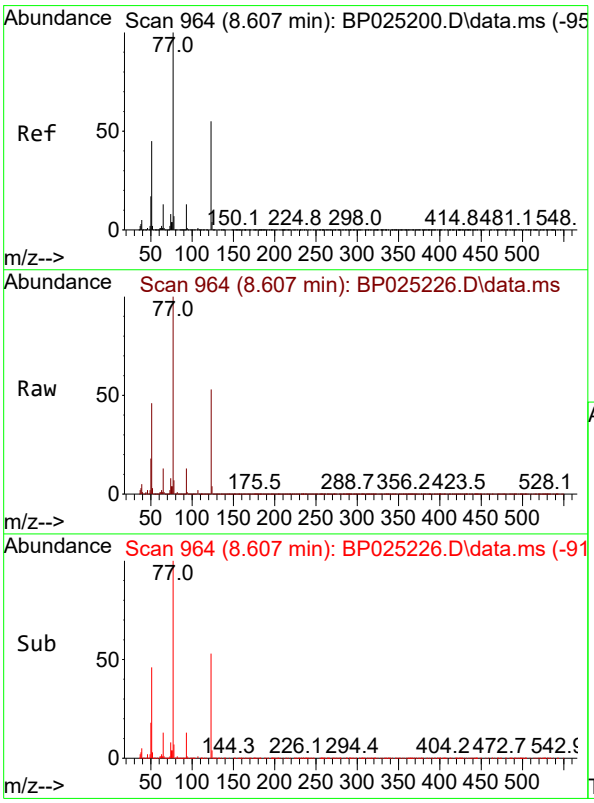
Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.2	60.4
54	46.2	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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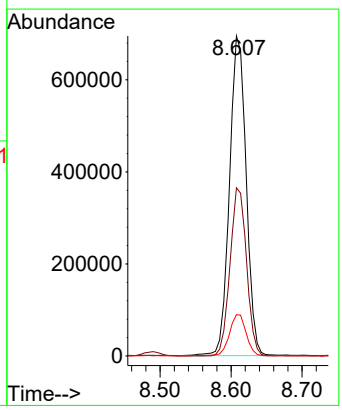
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

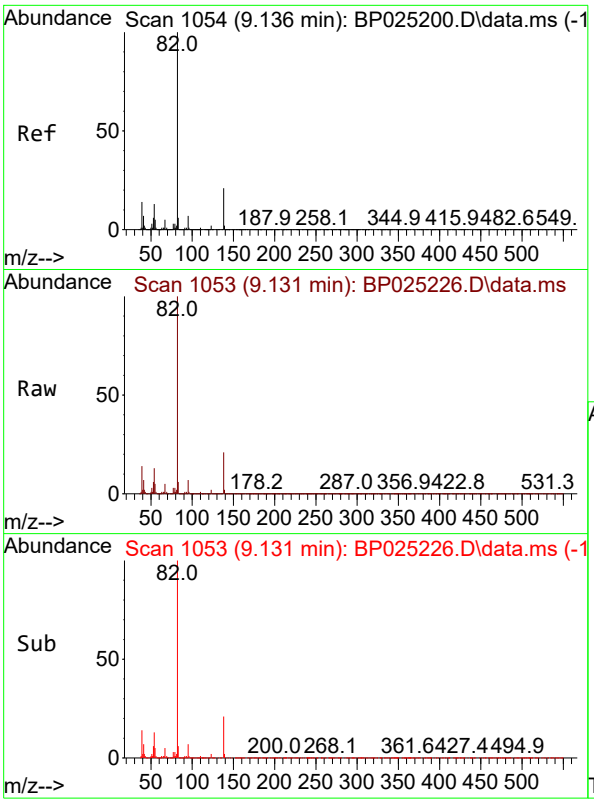


#24
Nitrobenzene
Concen: 40.408 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 77 Resp: 1134306

Ion	Ratio	Lower	Upper
77	100		
123	52.5	43.6	65.4
65	12.9	10.2	15.2





#25
Isophorone
Concen: 39.102 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

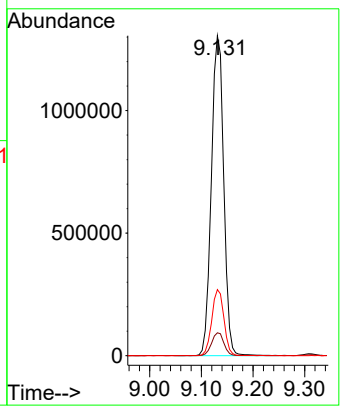
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BNA_P
ClientSampleId :
SSTDCCC040EC

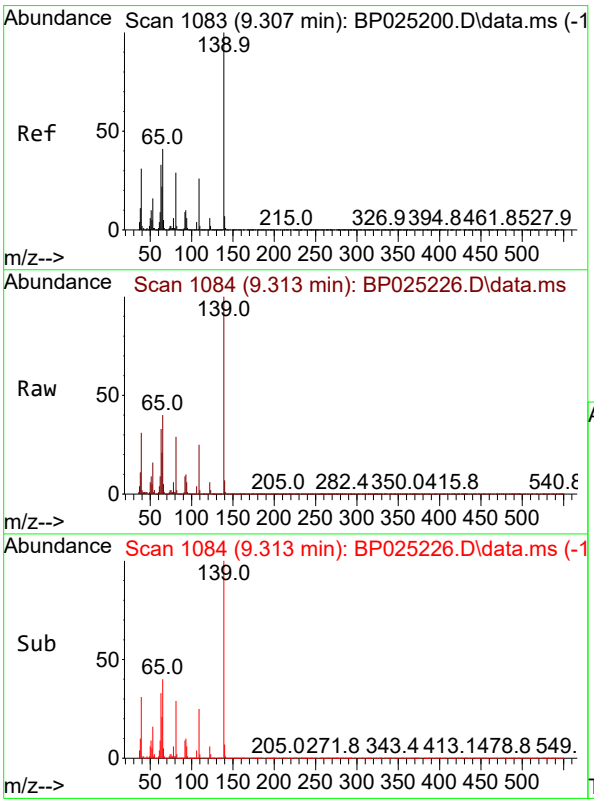
Tgt Ion: 82 Resp: 216537

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	20.6	16.6	25.0

Manual Integrations
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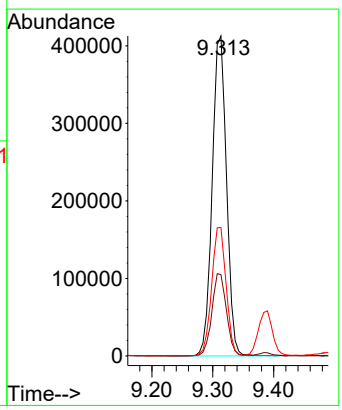


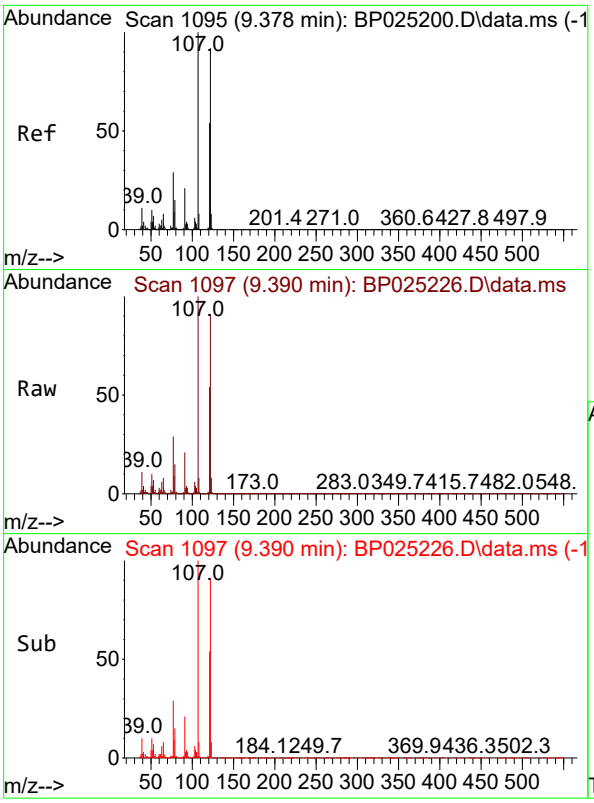


#26
2-Nitrophenol
Concen: 41.700 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:139 Resp: 672219

Ion	Ratio	Lower	Upper
139	100		
109	25.5	21.0	31.6
65	40.2	32.7	49.1





#27
2,4-Dimethylphenol
Concen: 40.348 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

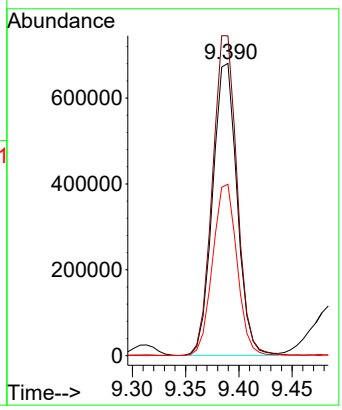
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

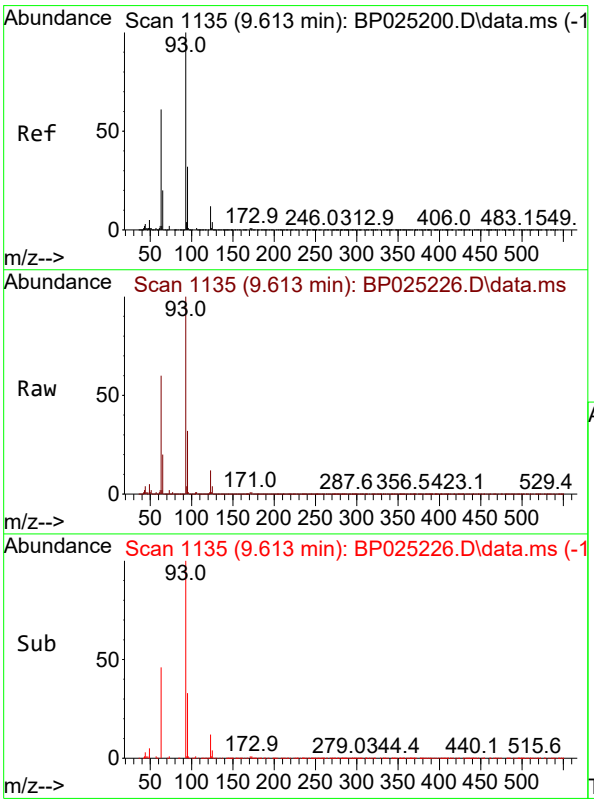
Tgt Ion:122 Resp: 108835

Ion	Ratio	Lower	Upper
122	100		
107	109.5	87.0	130.4
121	58.6	46.7	70.1

Manual Integrations
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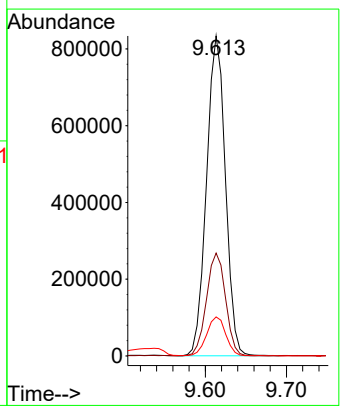


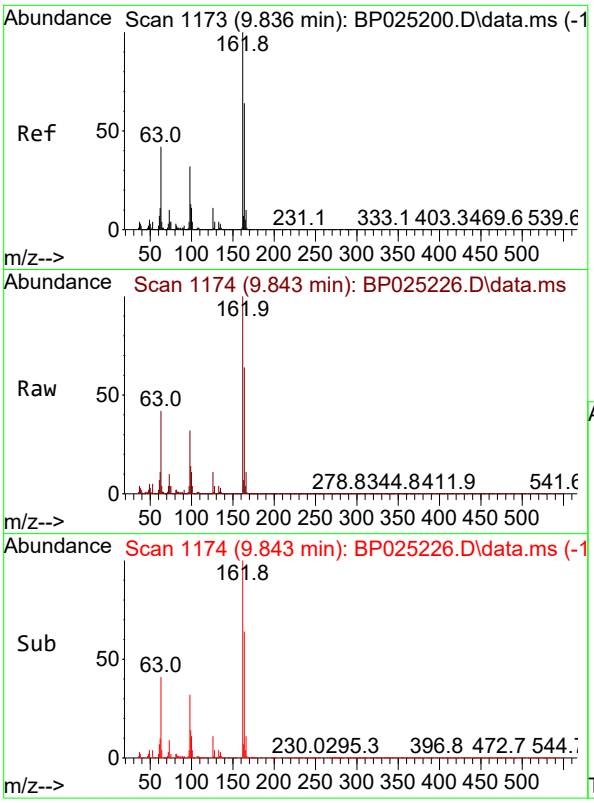


#28
bis(2-Chloroethoxy)methane
Concen: 38.771 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 1342968

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	12.2	9.8	14.6

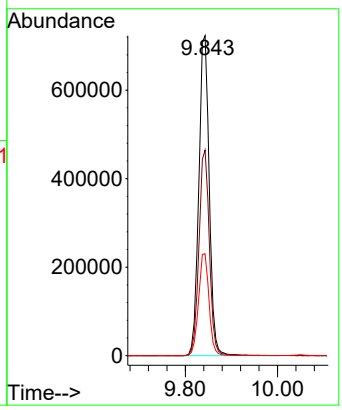




#29
2,4-Dichlorophenol
Concen: 41.112 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:162 Resp: 113927

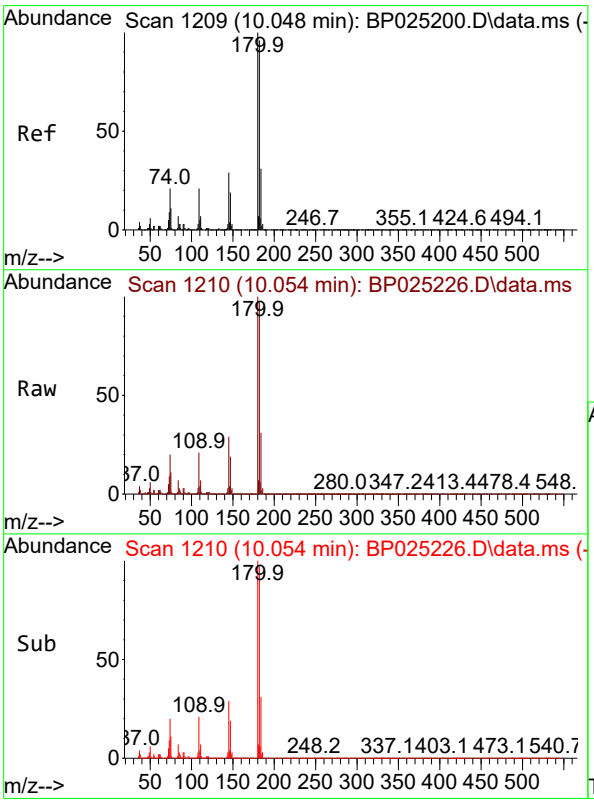
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	31.8	11.7	51.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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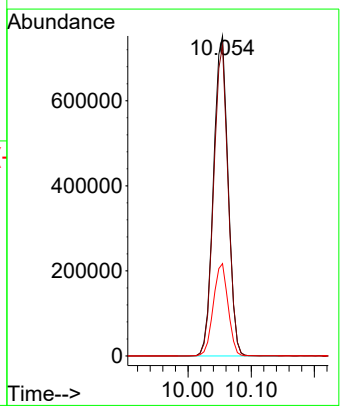
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

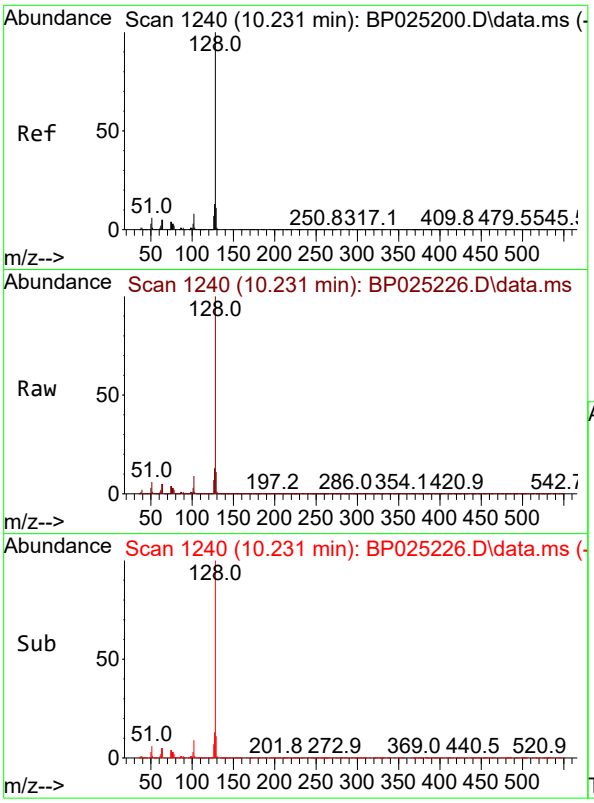


#30
1,2,4-Trichlorobenzene
Concen: 39.767 ng
RT: 10.054 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:180 Resp: 1203645

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.7	115.1
145	28.8	23.5	35.3

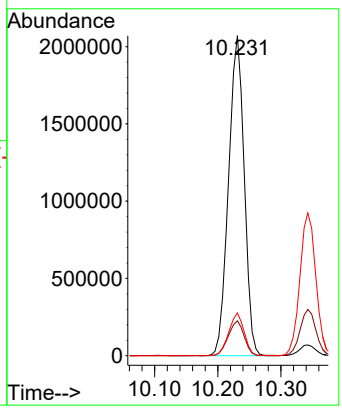




#31
Naphthalene
Concen: 39.861 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:128 Resp: 356965

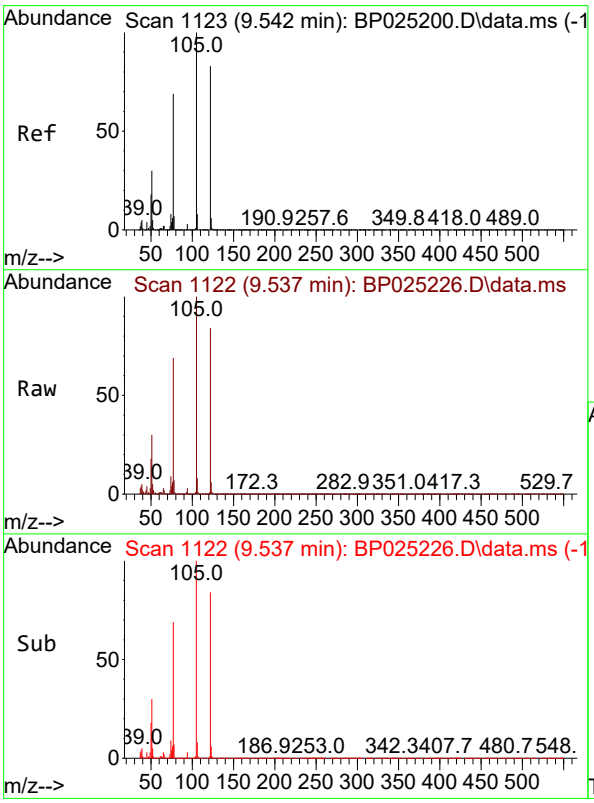
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.4	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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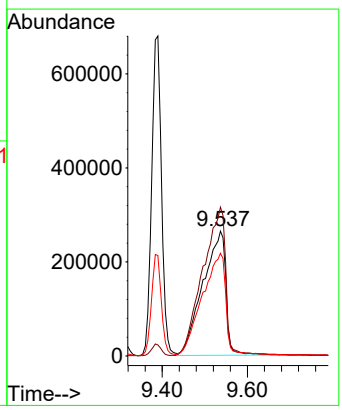
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

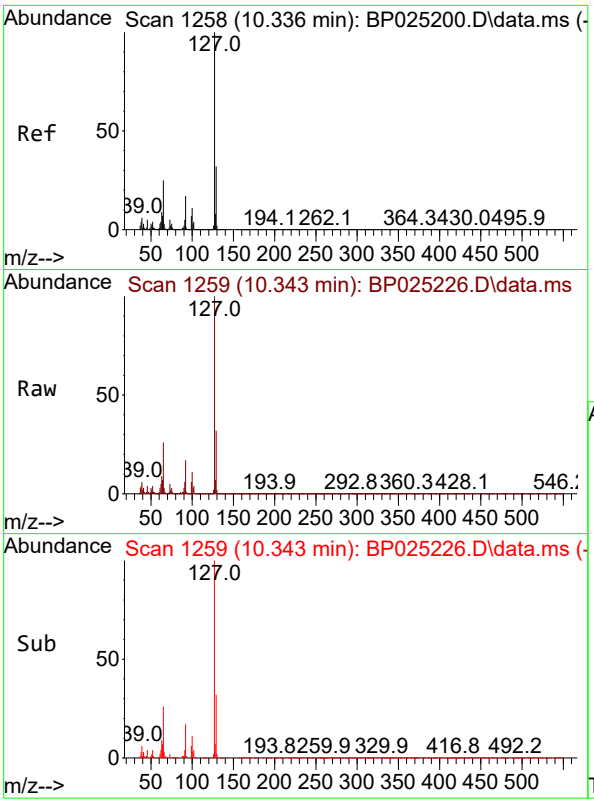


#32
Benzoic acid
Concen: 48.005 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:122 Resp: 988555

Ion	Ratio	Lower	Upper
122	100		
105	119.2	98.1	138.1
77	82.4	62.7	102.7

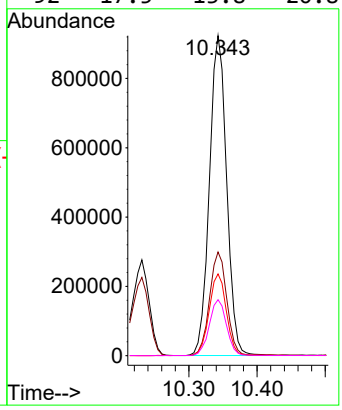




#33
4-Chloroaniline
Concen: 41.255 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:127 Resp: 162399

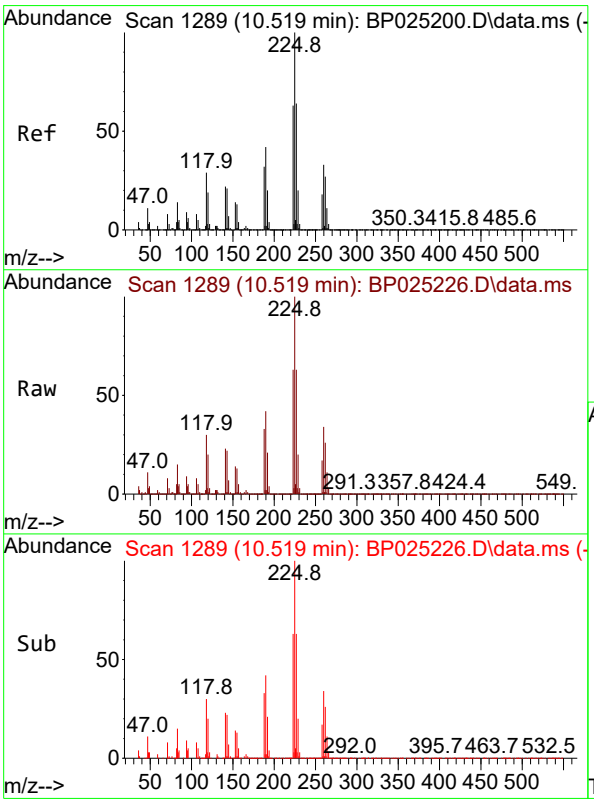
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	25.6	20.2	30.4
92	17.5	13.8	20.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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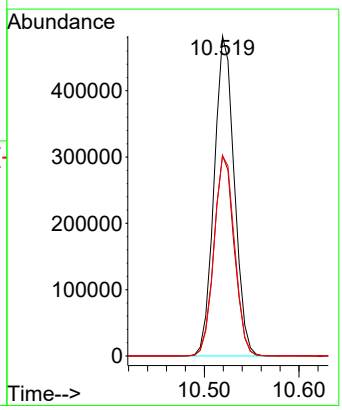
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

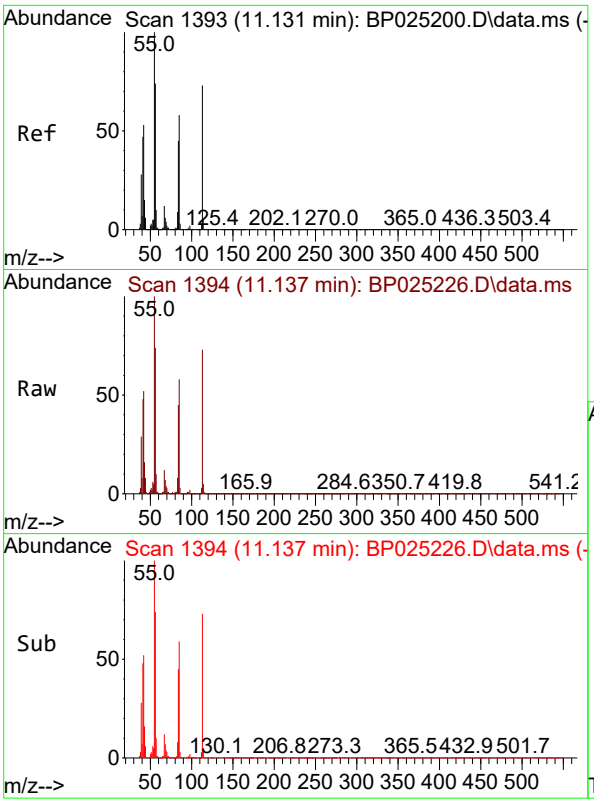


#34
Hexachlorobutadiene
Concen: 39.161 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:225 Resp: 713422

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	62.6	51.4	77.0





#35
Caprolactam
Concen: 42.101 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

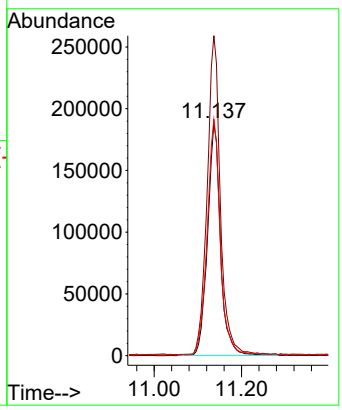
Instrument :
BNA_P
ClientSampleId :
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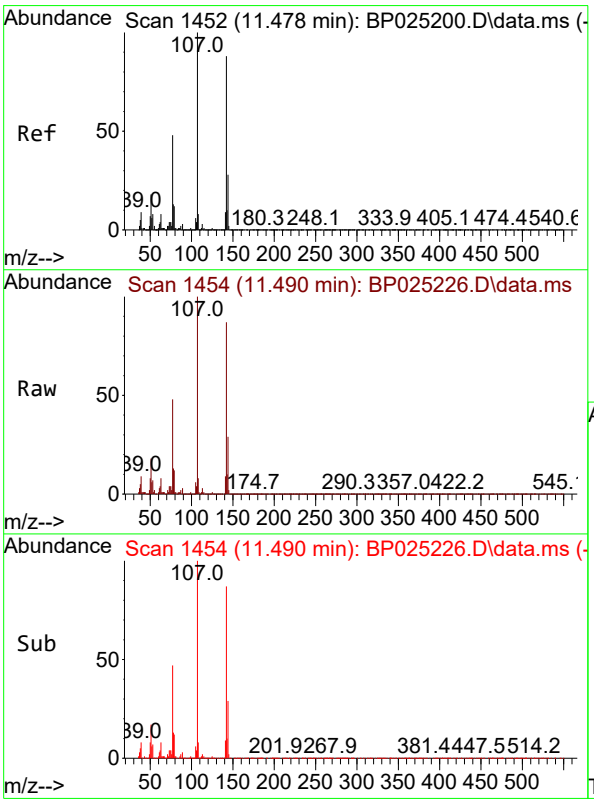
Tgt Ion:113 Resp: 38721

Ion	Ratio	Lower	Upper
113	100		
55	137.6	117.6	157.6
56	101.7	82.4	122.4

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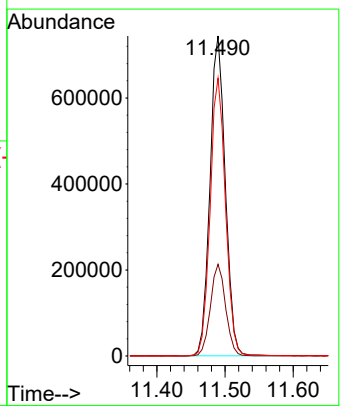


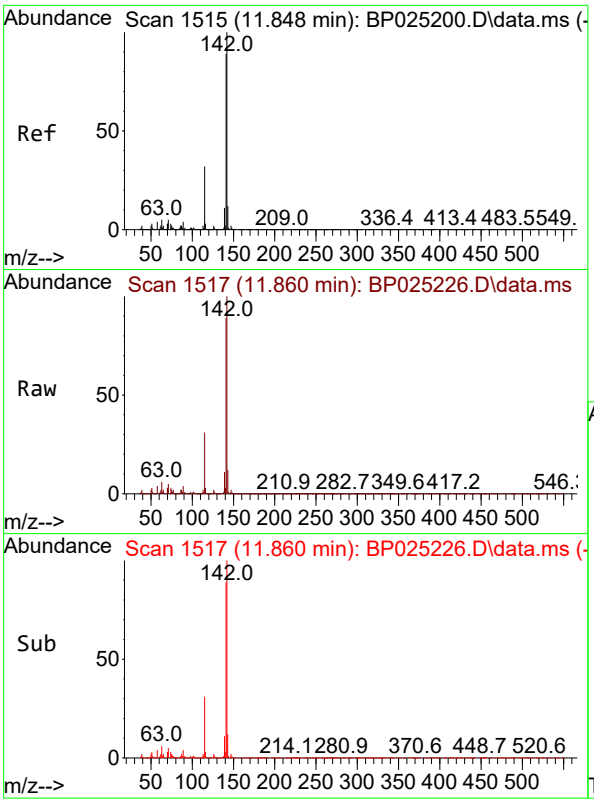


#36
4-Chloro-3-methylphenol
Concen: 42.016 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 1163924

Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.5	33.7
142	86.8	70.6	105.8

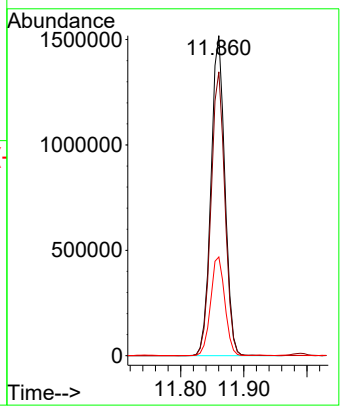




#37
2-Methylnaphthalene
Concen: 39.858 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:142 Resp: 231776

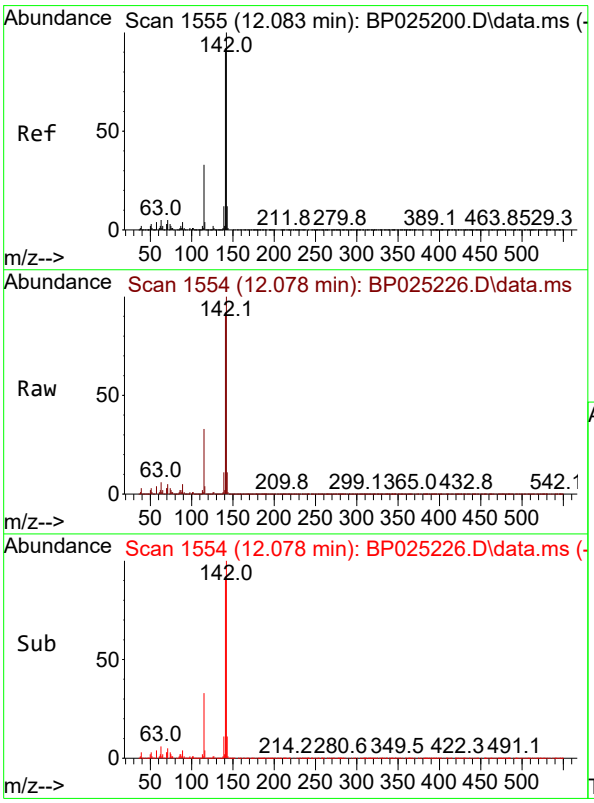
Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	30.9	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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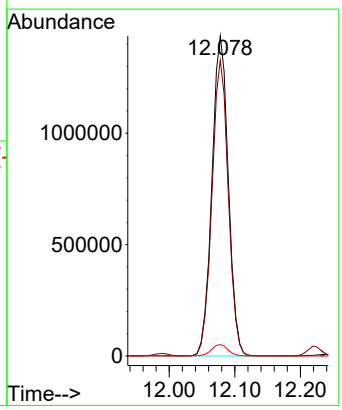
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

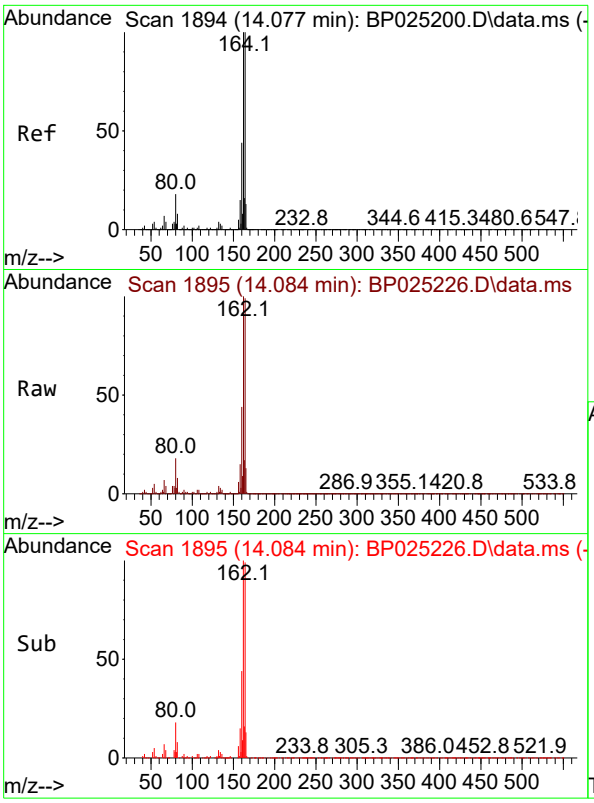


#38
1-Methylnaphthalene
Concen: 40.690 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:142 Resp: 2485497

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8
116	3.6	2.8	4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

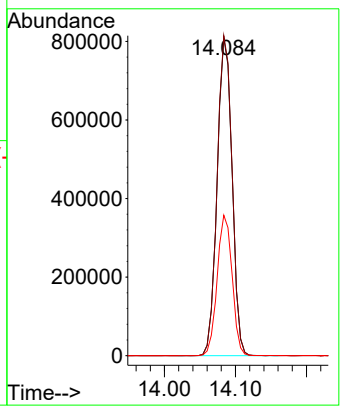
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

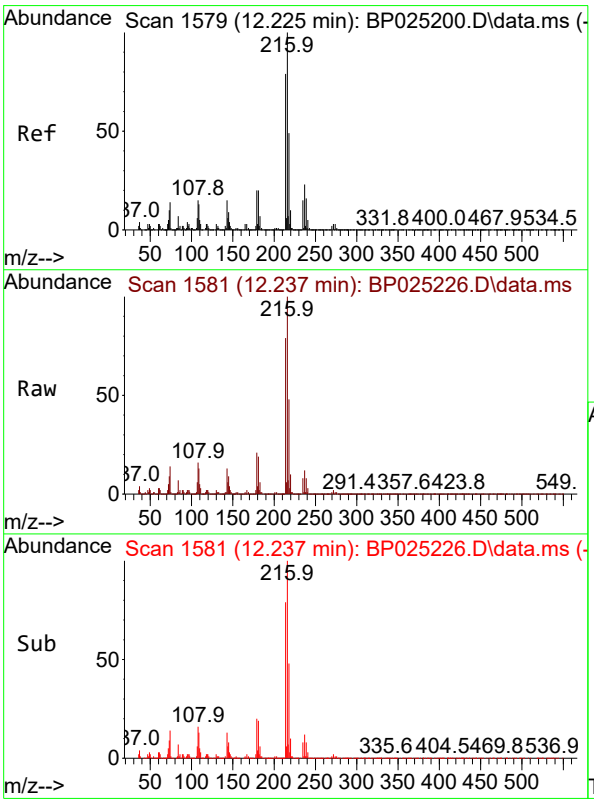
Tgt Ion:164 Resp: 117431

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	44.2	35.7	53.5

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

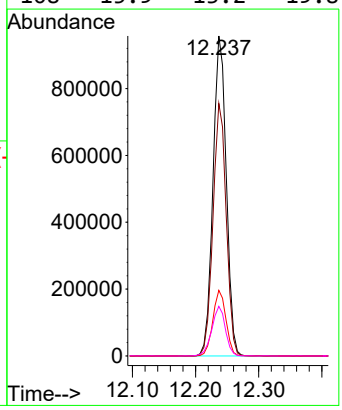


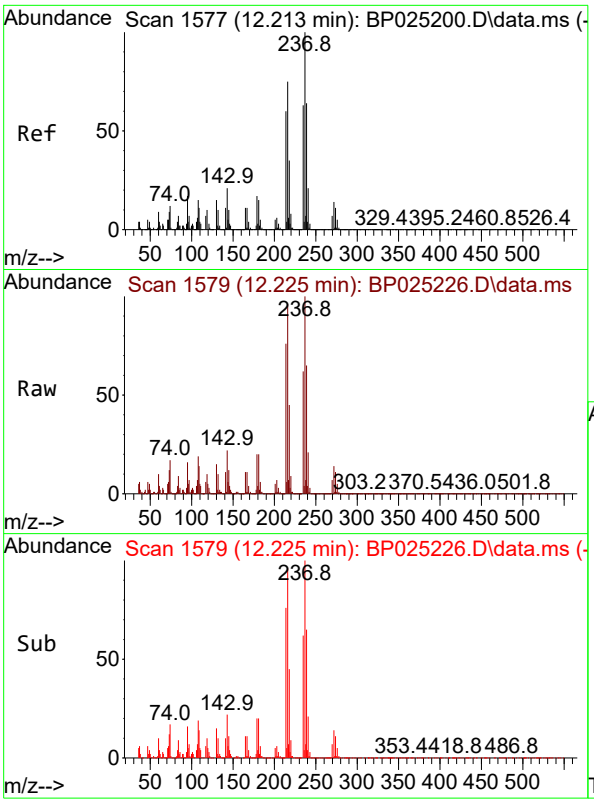


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.638 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:216 Resp: 1395264

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.7	94.1
179	20.2	16.2	24.4
108	15.9	13.2	19.8

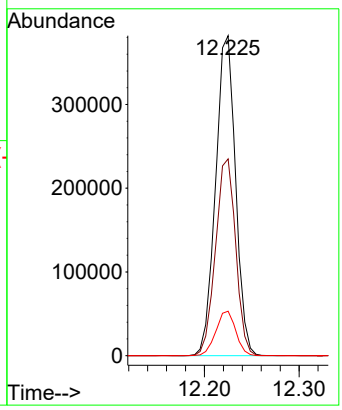




#41
Hexachlorocyclopentadiene
Concen: 26.642 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:237 Resp: 55982

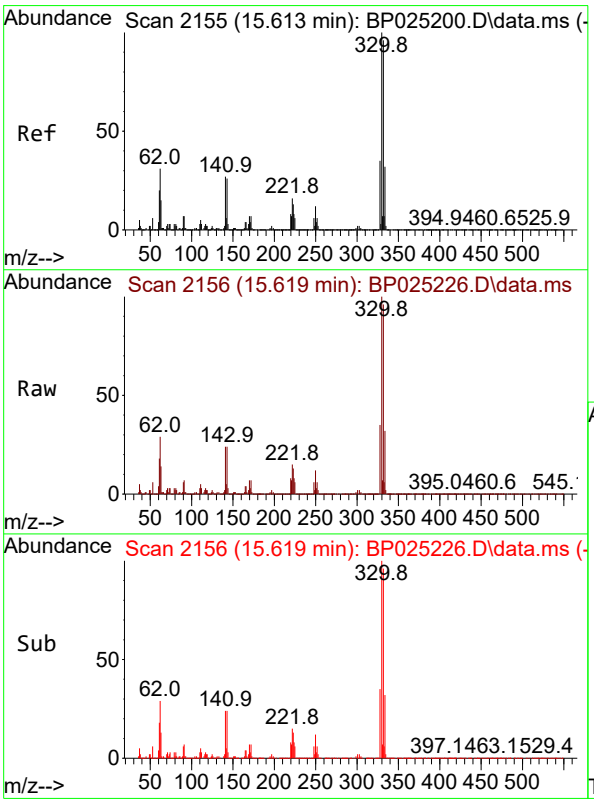
Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.7	82.7
272	13.9	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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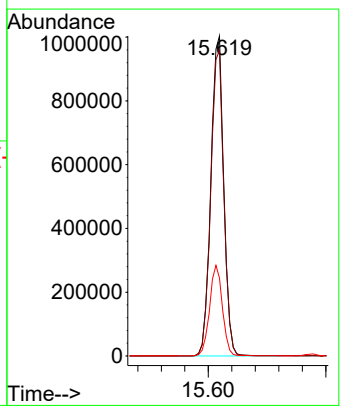
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

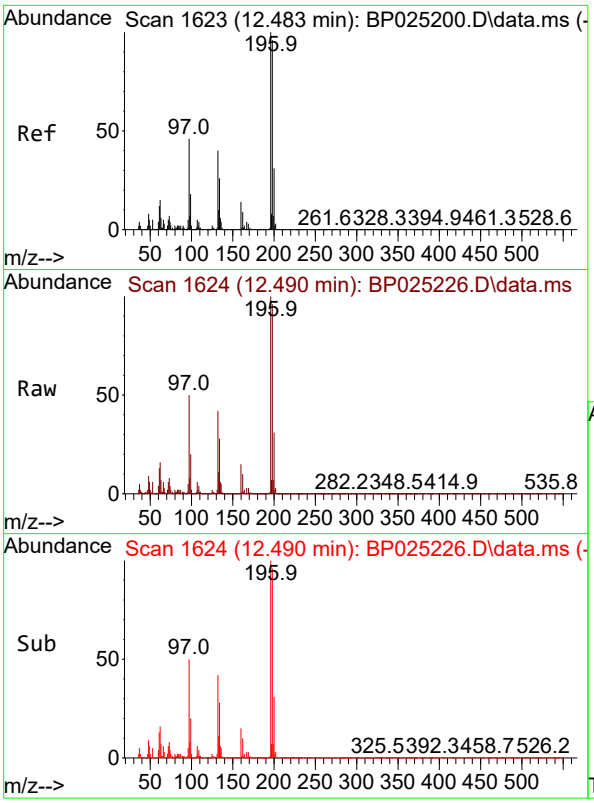


#42
2,4,6-Tribromophenol
Concen: 88.010 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:330 Resp: 1523626

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	28.0	22.4	33.6





#43
2,4,6-Trichlorophenol
Concen: 40.841 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

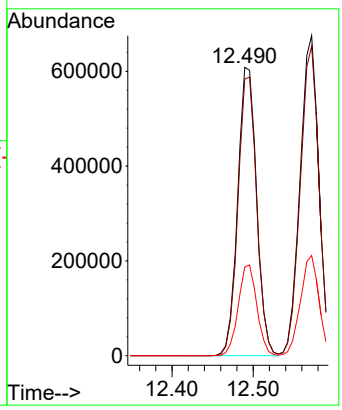
Tgt Ion:196 Resp: 98227

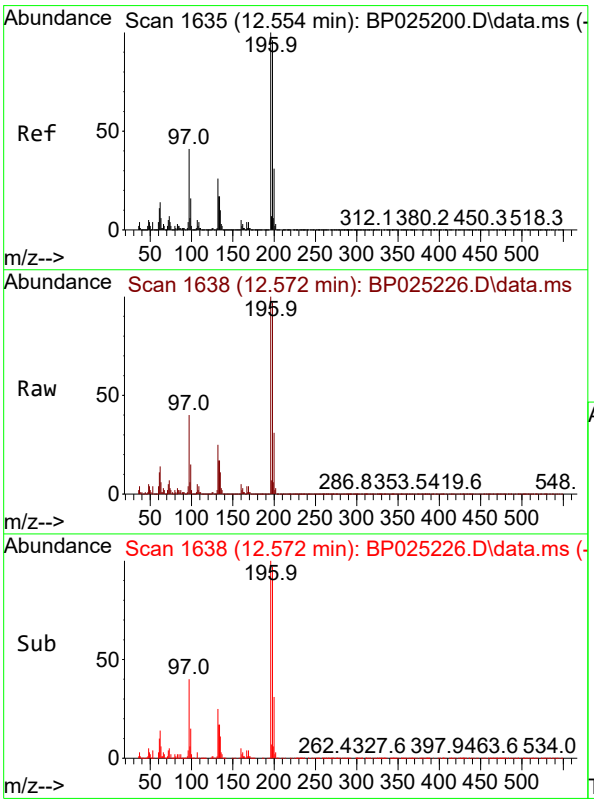
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	114.8
200	30.7	24.7	37.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

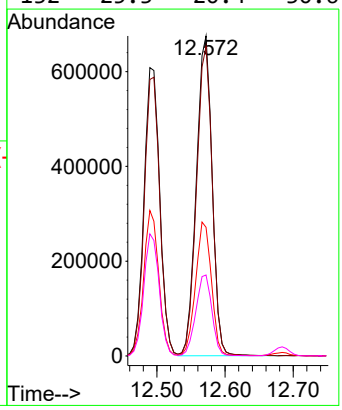


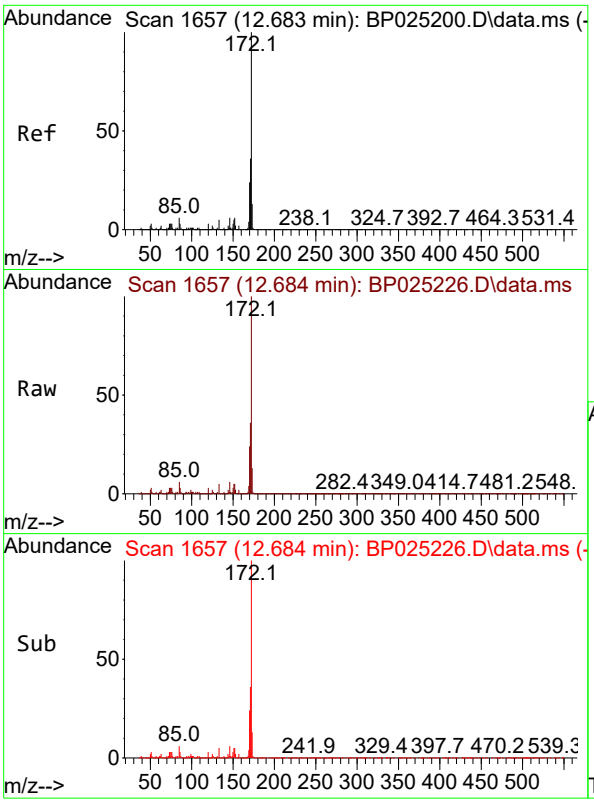


#44
2,4,5-Trichlorophenol
Concen: 41.075 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:196 Resp: 1087142

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.7	115.1
97	40.2	33.0	49.4
132	25.3	20.4	30.6

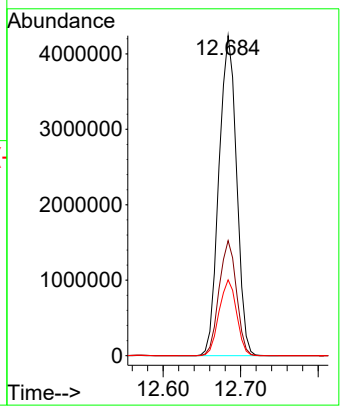




#45
2-Fluorobiphenyl
Concen: 80.519 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:172 Resp: 670688

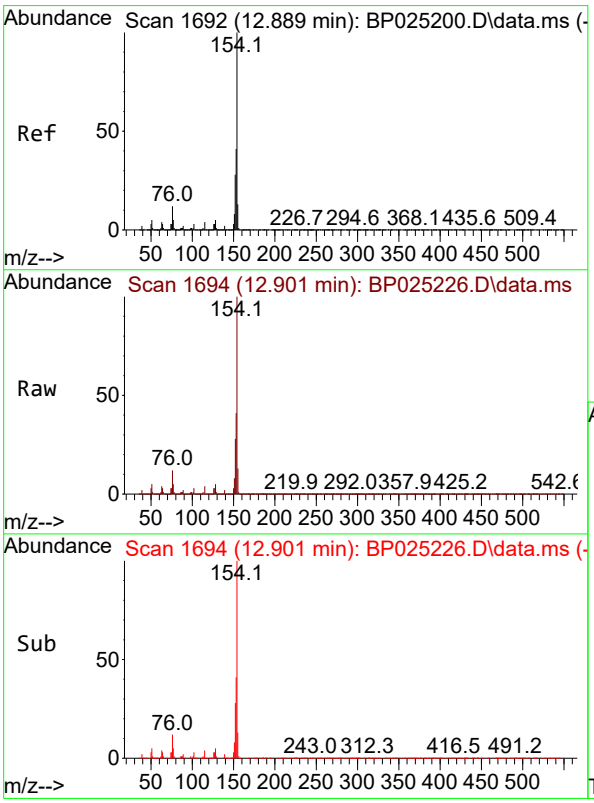
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.7	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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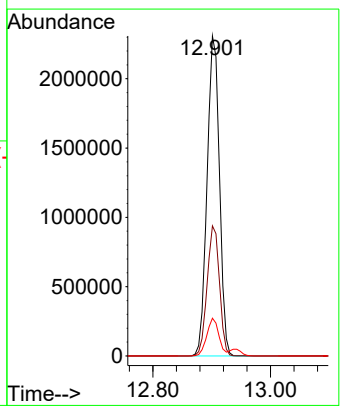
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

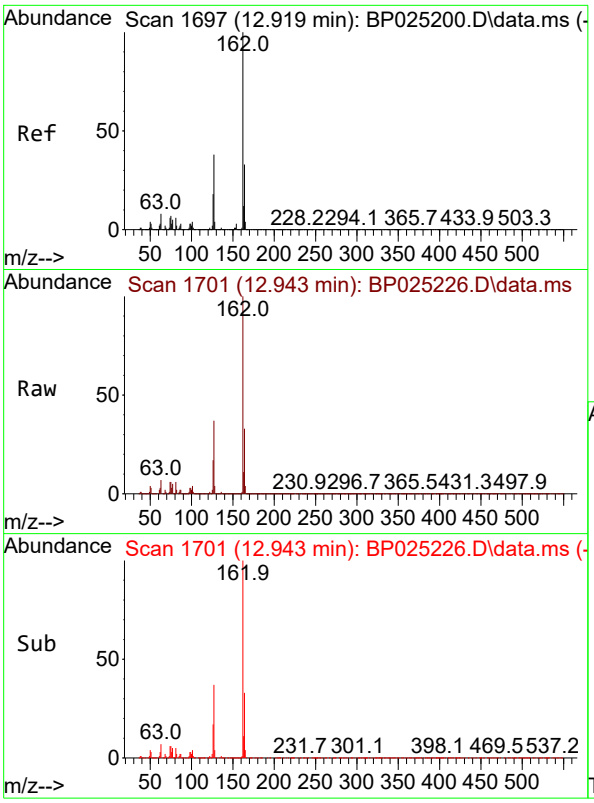


#46
1,1'-Biphenyl
Concen: 39.455 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:154 Resp: 3358747

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	11.8	0.0	31.6

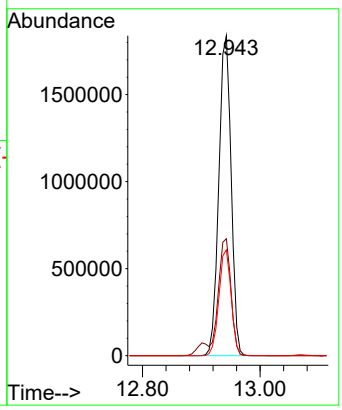




#47
2-Chloronaphthalene
Concen: 40.201 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:162 Resp: 267185

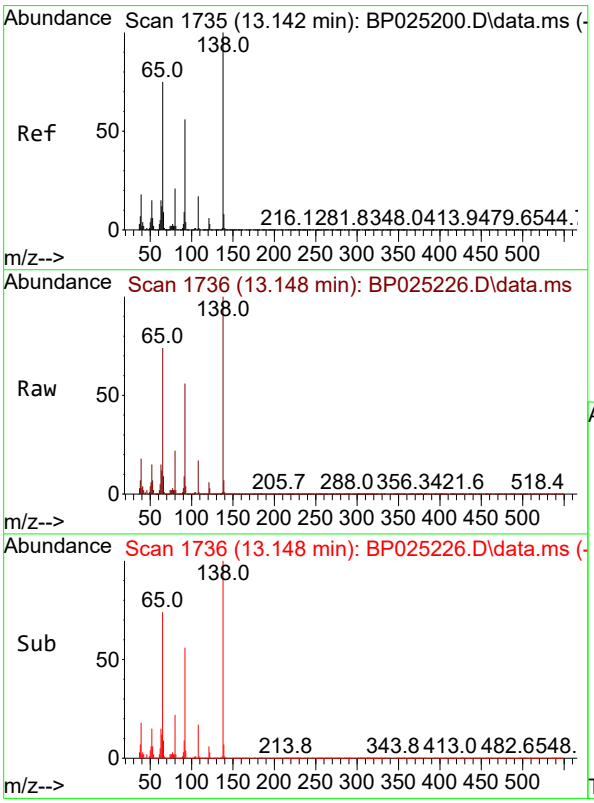
Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.1	45.1
164	33.1	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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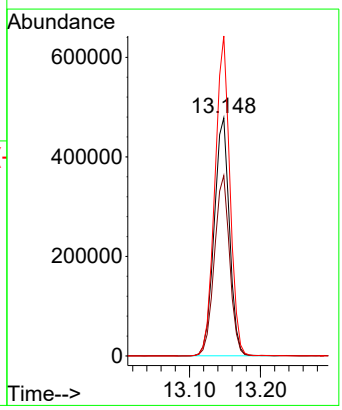
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

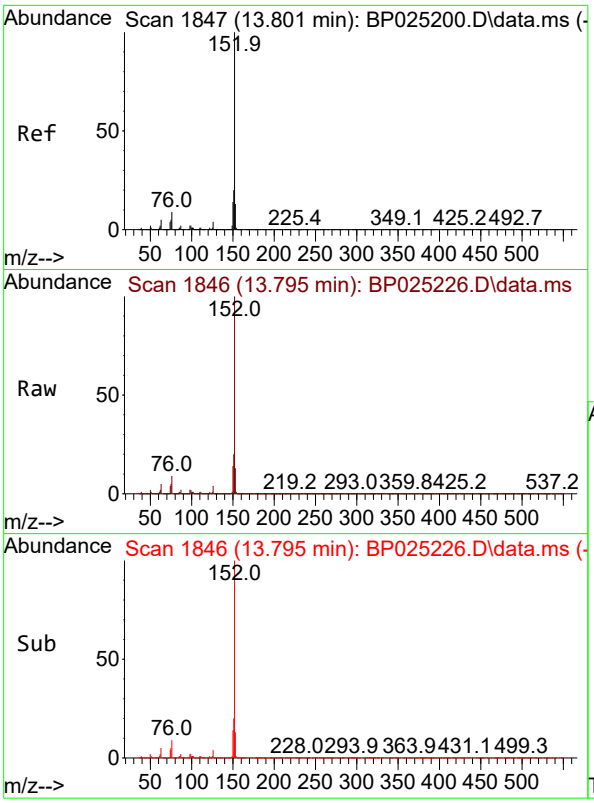


#48
2-Nitroaniline
Concen: 41.867 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 65 Resp: 710602

Ion	Ratio	Lower	Upper
65	100		
92	75.7	59.9	89.9
138	134.4	107.1	160.7

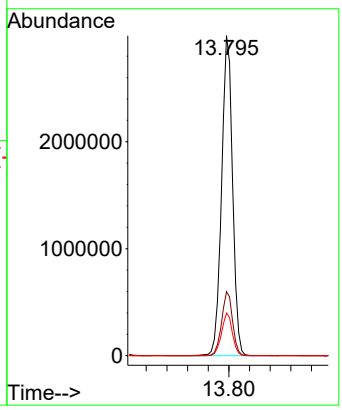




#49
Acenaphthylene
Concen: 40.927 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:152 Resp: 439953

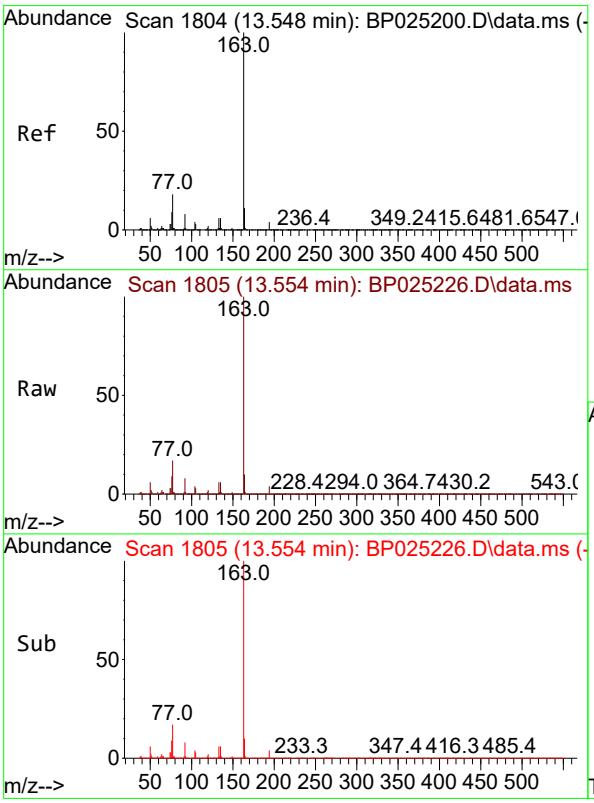
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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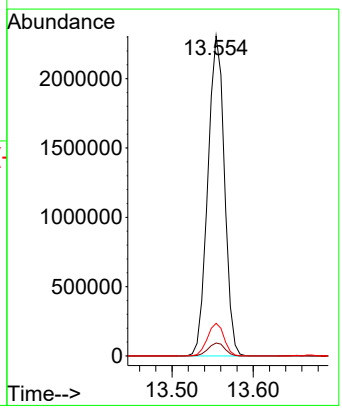
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

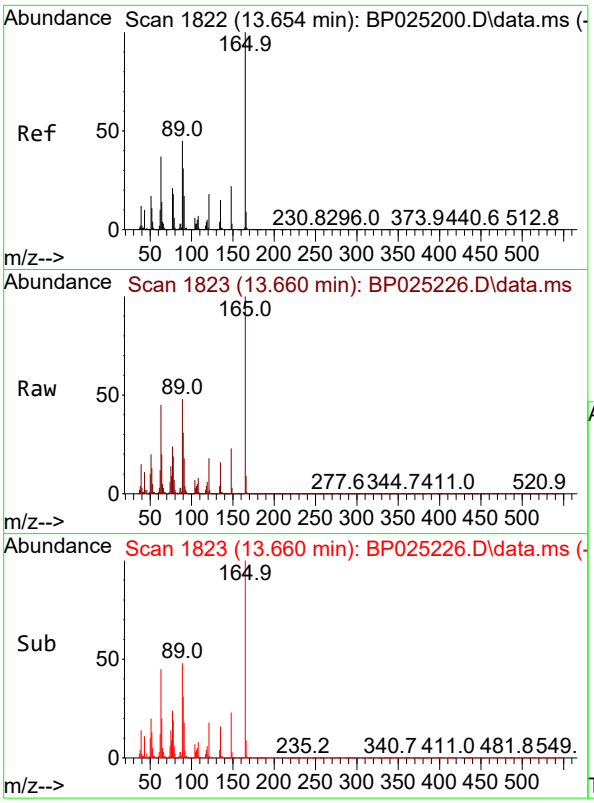


#50
Dimethylphthalate
Concen: 39.003 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:163 Resp: 3275604

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 41.002 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

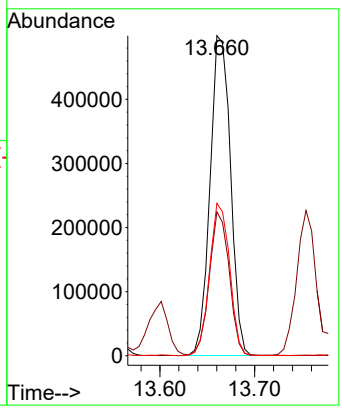
Tgt Ion:165 Resp: 74821

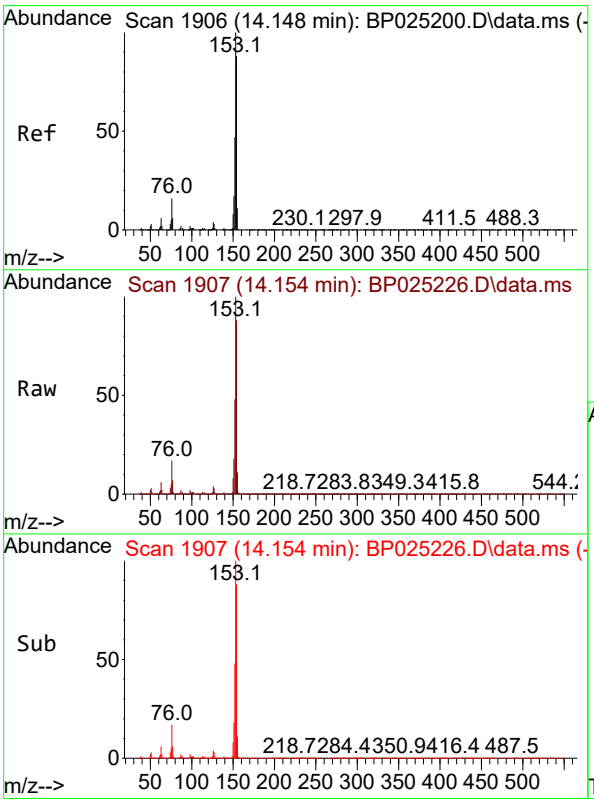
Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.4	50.2
89	47.6	36.3	54.5

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

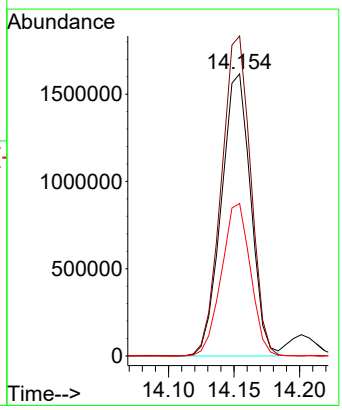


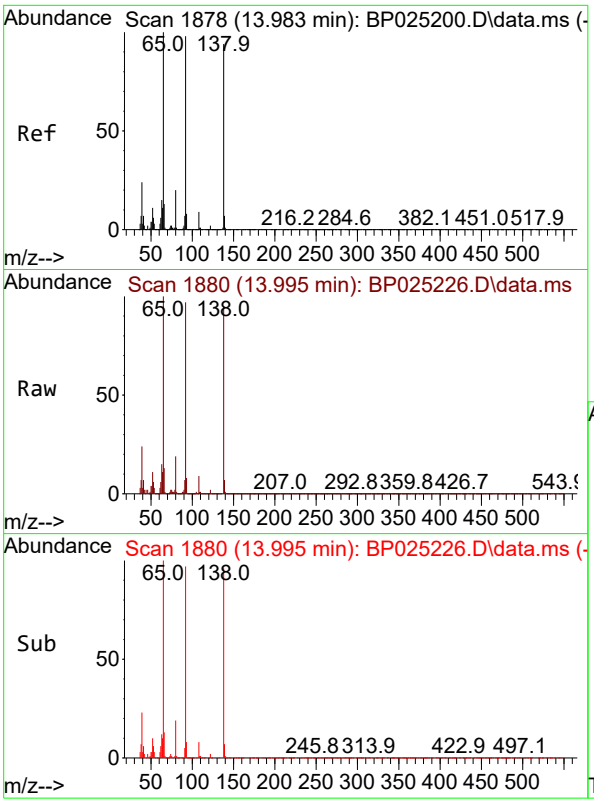


#52
Acenaphthene
Concen: 40.497 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:154 Resp: 2517373

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.7	136.1
152	54.0	42.9	64.3





#53
3-Nitroaniline
Concen: 42.494 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

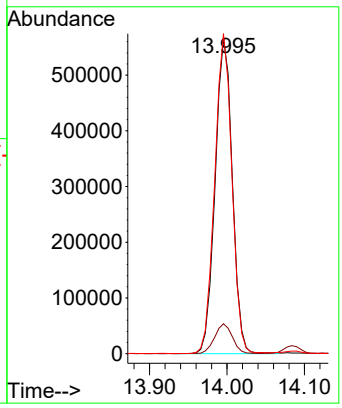
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

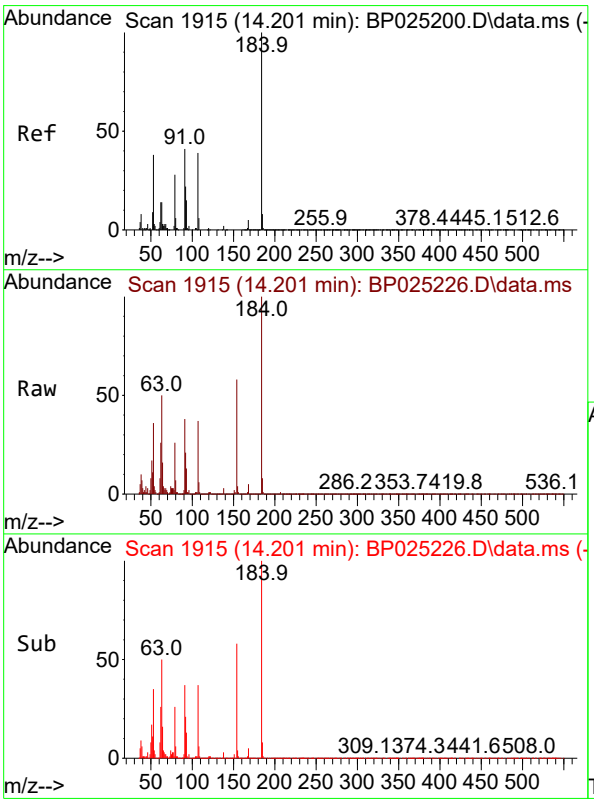
Tgt Ion:138 Resp: 87445

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.5	11.3
92	101.4	83.2	124.8

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

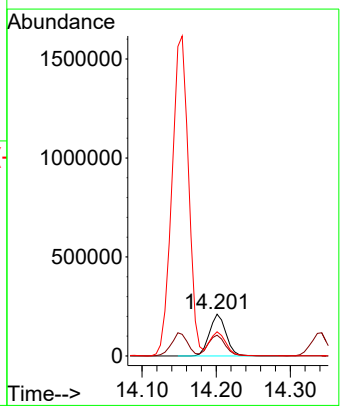


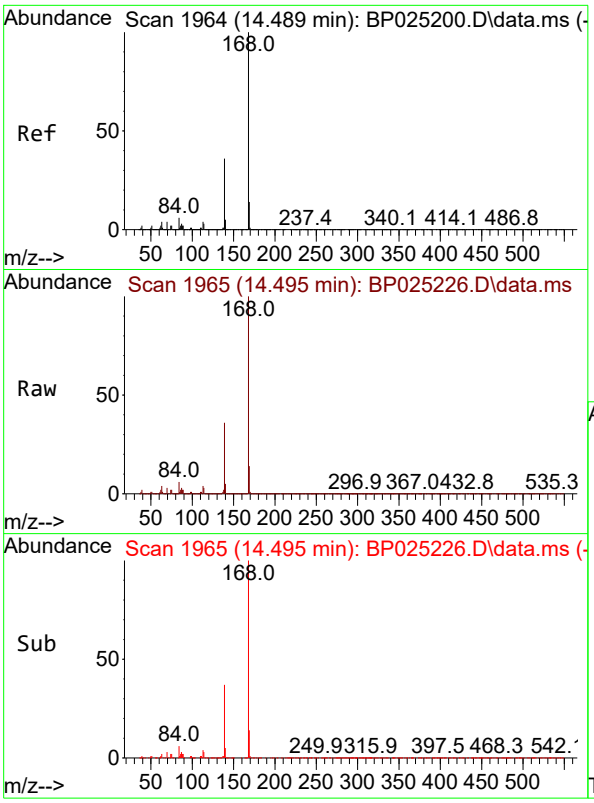


#54
2,4-Dinitrophenol
Concen: 30.316 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:184 Resp: 327781

Ion	Ratio	Lower	Upper
184	100		
63	49.9	41.8	62.8
154	57.9	45.7	68.5





#55
Dibenzofuran
Concen: 40.883 ng
RT: 14.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

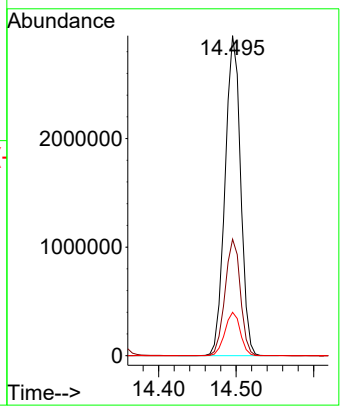
Tgt Ion:168 Resp: 410499

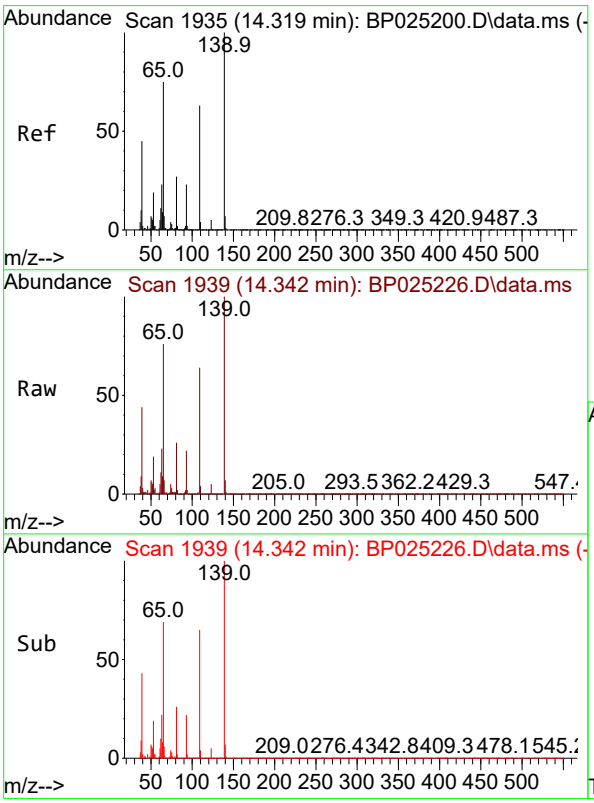
Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.7	43.1
169	13.6	10.9	16.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

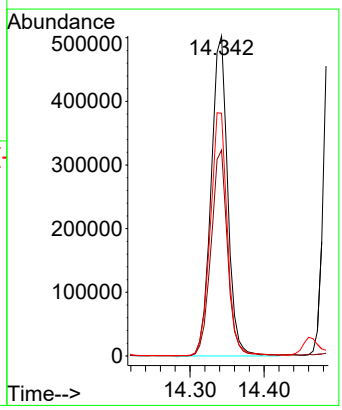


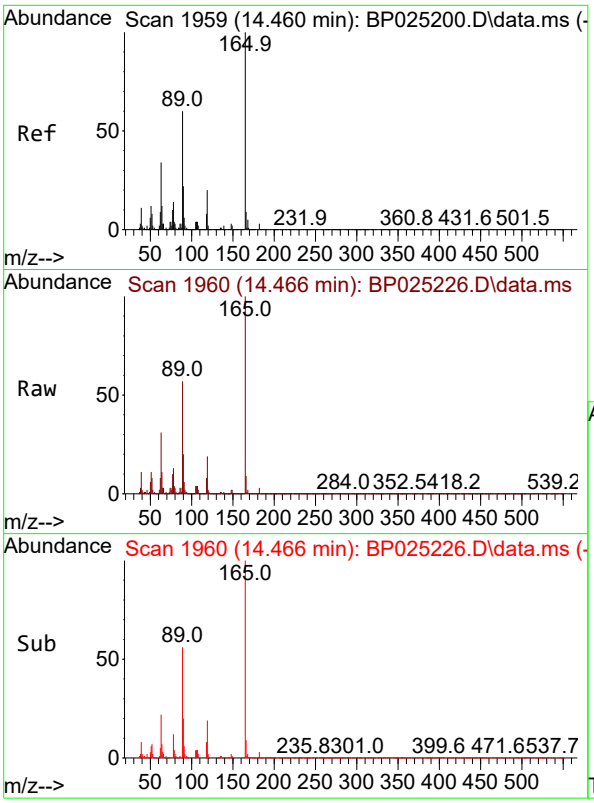


#56
4-Nitrophenol
Concen: 44.292 ng
RT: 14.342 min Scan# 1939
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:139 Resp: 779949

Ion	Ratio	Lower	Upper
139	100		
109	64.4	42.6	82.6
65	75.8	55.4	95.4

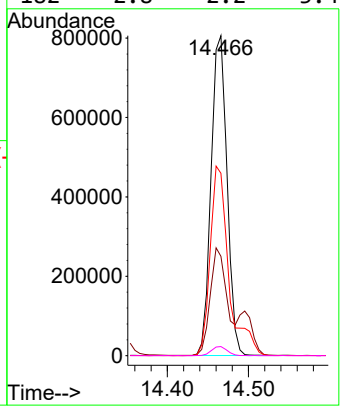




#57
2,4-Dinitrotoluene
Concen: 43.057 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:165 Resp: 109983

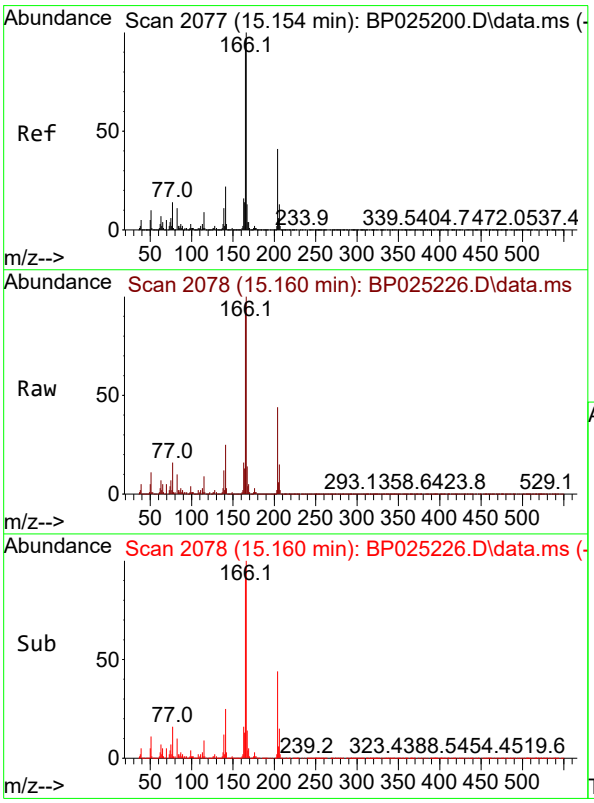
Ion	Ratio	Lower	Upper
165	100		
63	31.0	27.0	40.4
89	57.0	47.8	71.6
182	2.8	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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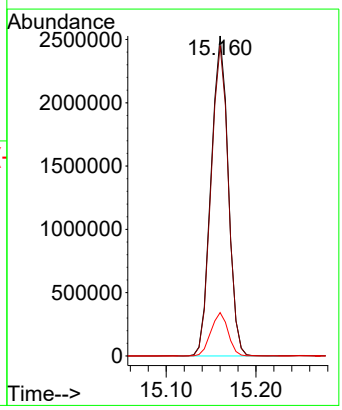
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

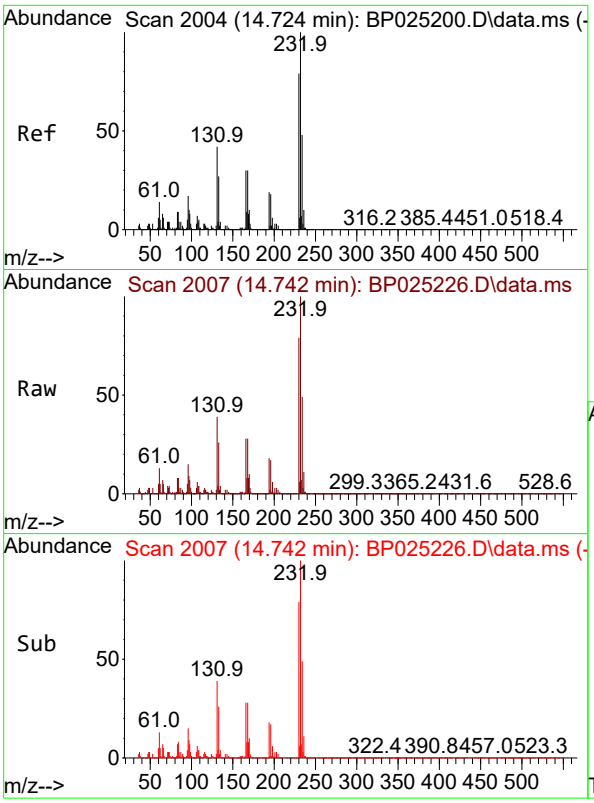


#58
Fluorene
Concen: 42.056 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:166 Resp: 3352512

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.0	117.0
167	13.6	10.7	16.1

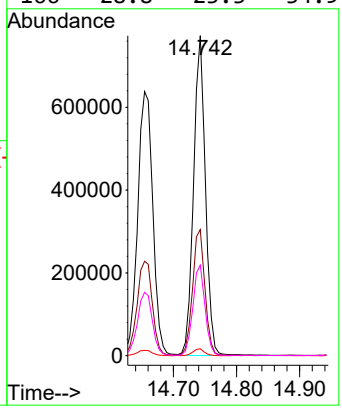




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:232 Resp: 100733

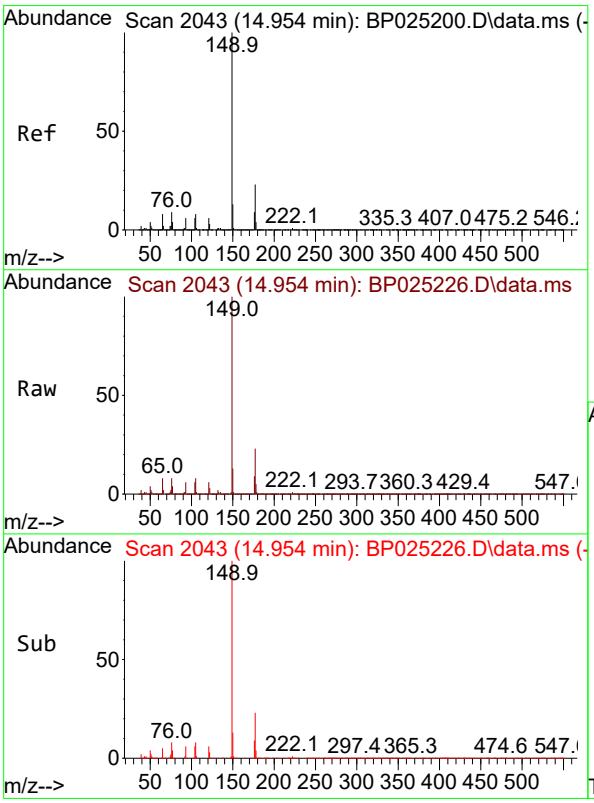
Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.6	48.8
130	2.1	1.6	2.4
166	28.8	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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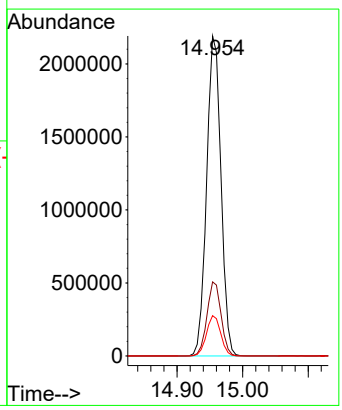
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

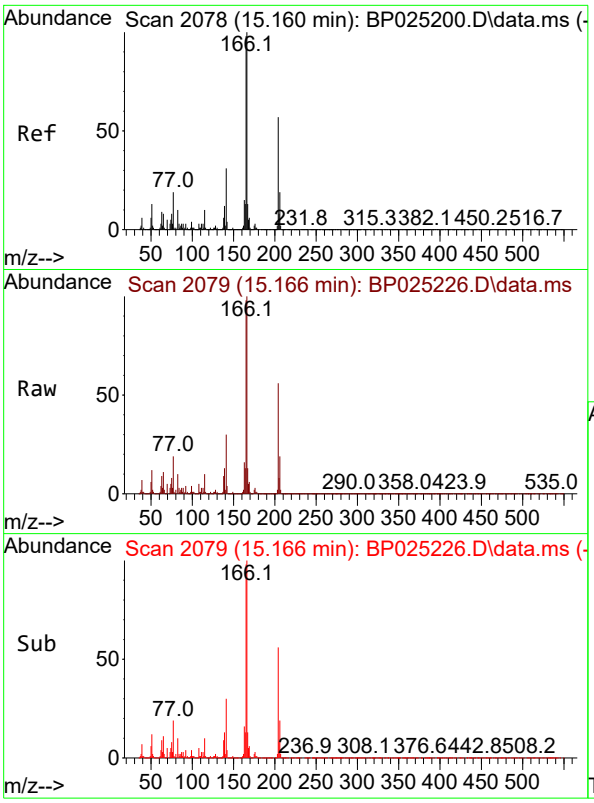


#60
Diethylphthalate
Concen: 40.235 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 3330481

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.6	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.846 ng
RT: 15.166 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

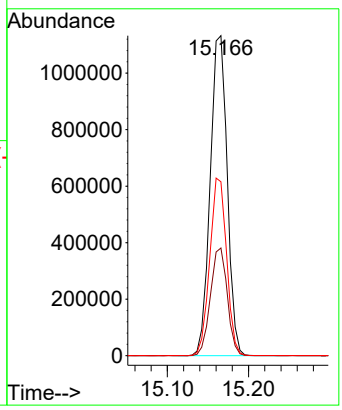
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

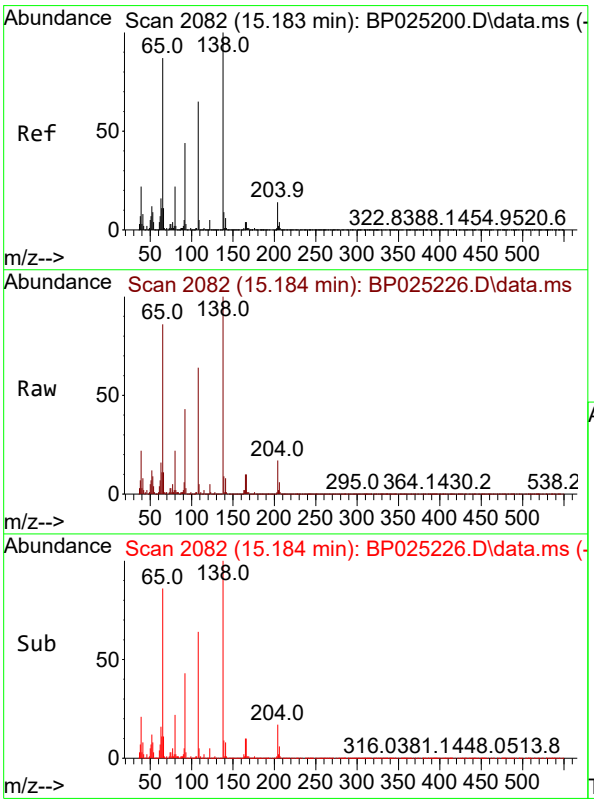
Tgt Ion:204 Resp: 164529

Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.3	39.5
141	54.4	43.0	64.6

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

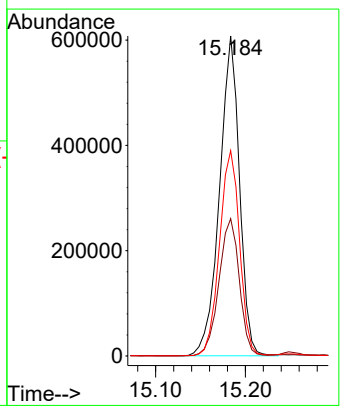


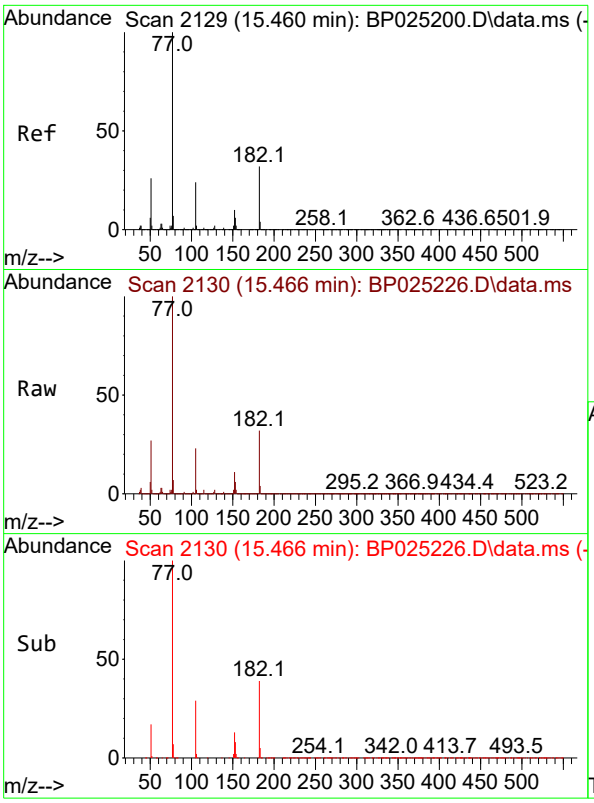


#62
4-Nitroaniline
Concen: 44.837 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:138 Resp: 938362

Ion	Ratio	Lower	Upper
138	100		
92	42.9	24.0	64.0
108	64.2	44.9	84.9

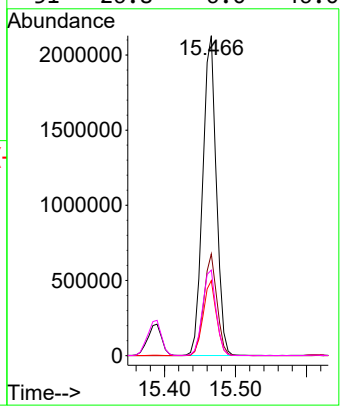




#63
Azobenzene
Concen: 41.997 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 77 Resp: 283286

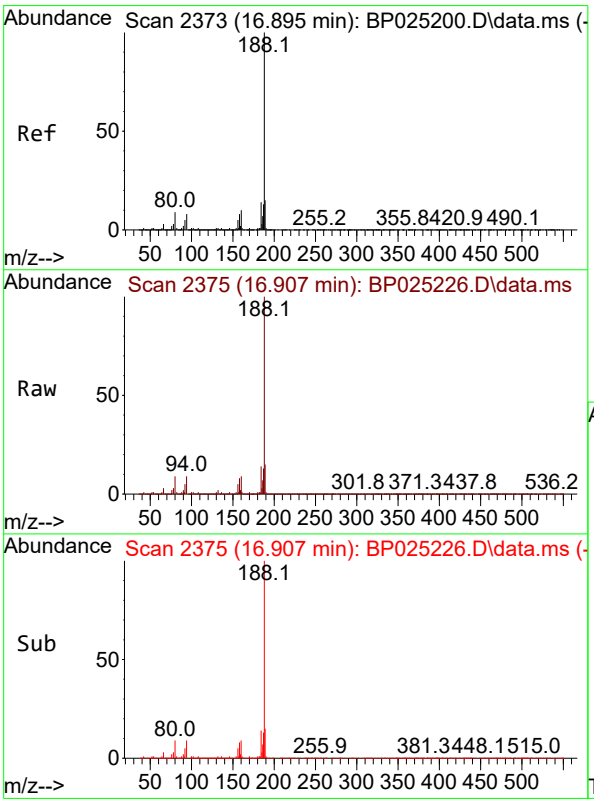
Ion	Ratio	Lower	Upper
77	100		
182	31.8	12.0	52.0
105	23.5	3.6	43.6
51	26.8	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
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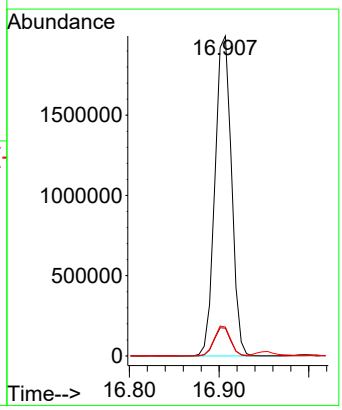
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

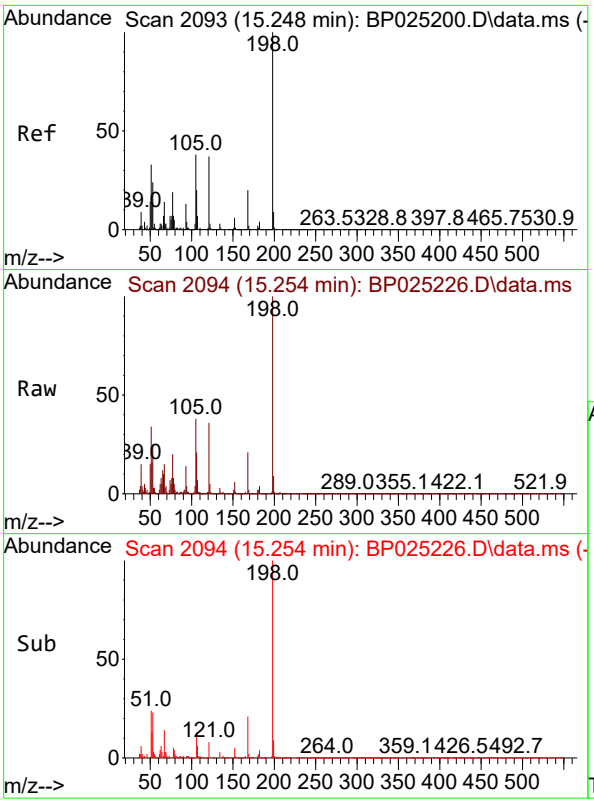


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:188 Resp: 2549406

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.0	7.3	10.9

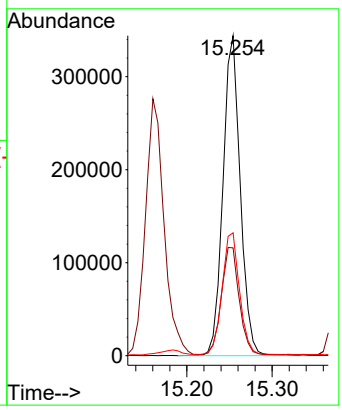




#65
4,6-Dinitro-2-methylphenol
Concen: 29.390 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:198 Resp: 48354

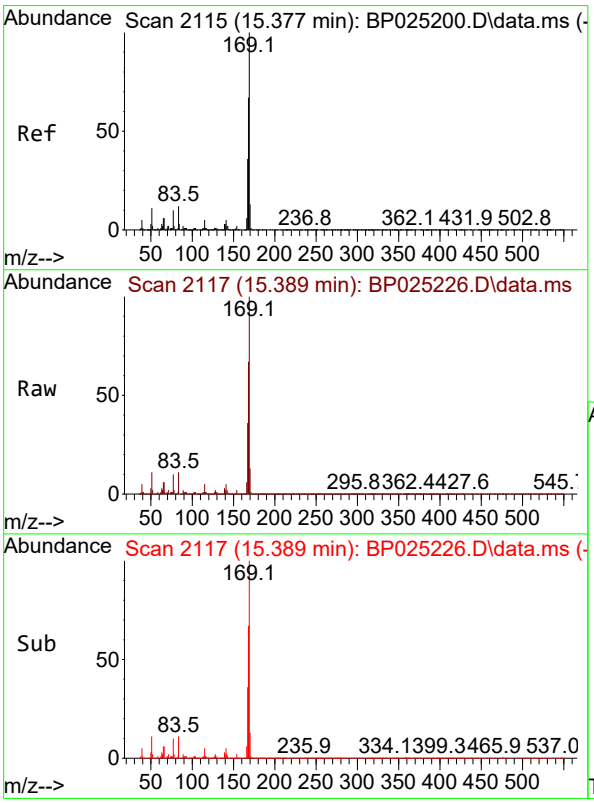
Ion	Ratio	Lower	Upper
198	100		
51	33.7	14.6	54.6
105	38.4	18.3	58.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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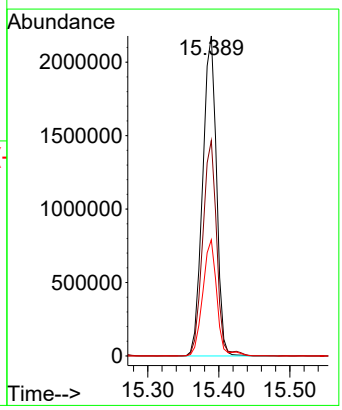
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

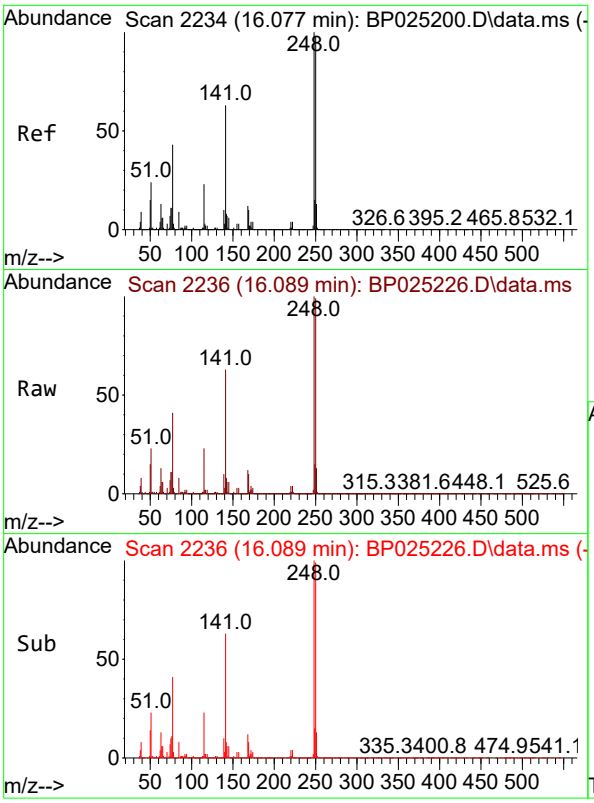


#66
n-Nitrosodiphenylamine
Concen: 38.155 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:169 Resp: 2952463

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.7	80.5
167	36.3	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 38.140 ng
RT: 16.089 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

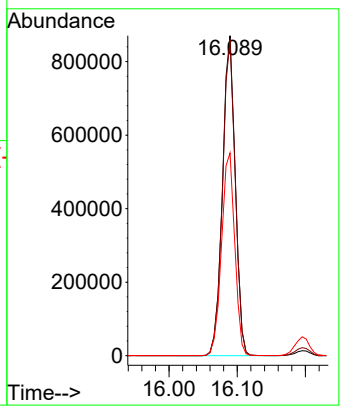
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

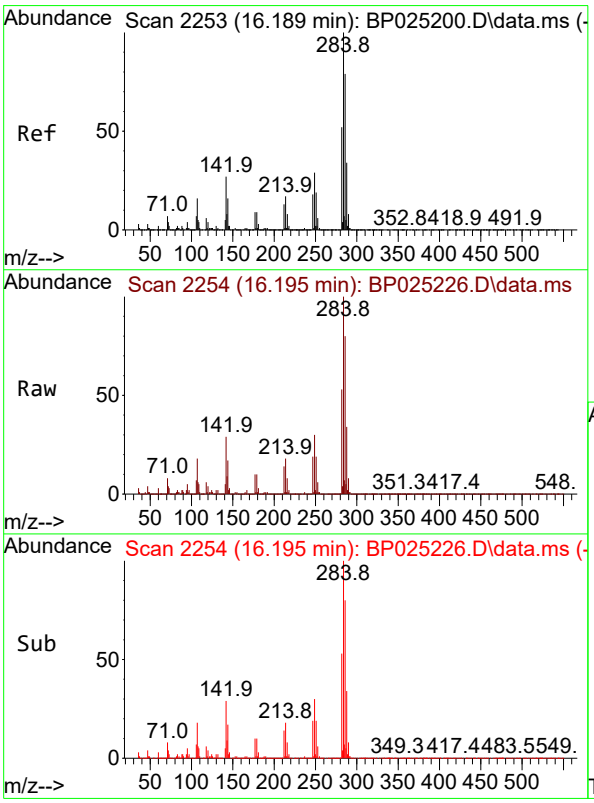
Tgt Ion:248 Resp: 113478

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.5	117.7
141	63.3	50.5	75.7

Manual Integrations
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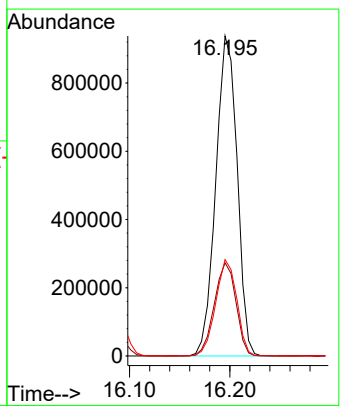


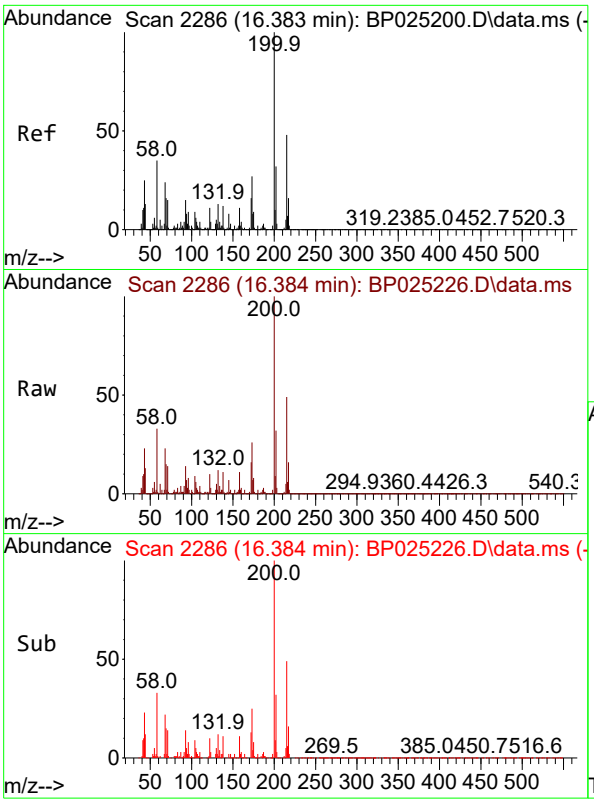


#68
Hexachlorobenzene
Concen: 39.236 ng
RT: 16.195 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:284 Resp: 1386355

Ion	Ratio	Lower	Upper
284	100		
142	29.1	21.5	32.3
249	30.1	23.4	35.0





#69
Atrazine
Concen: 39.913 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

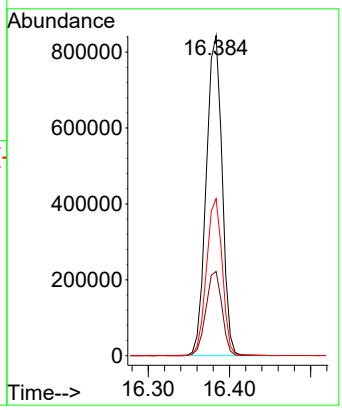
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

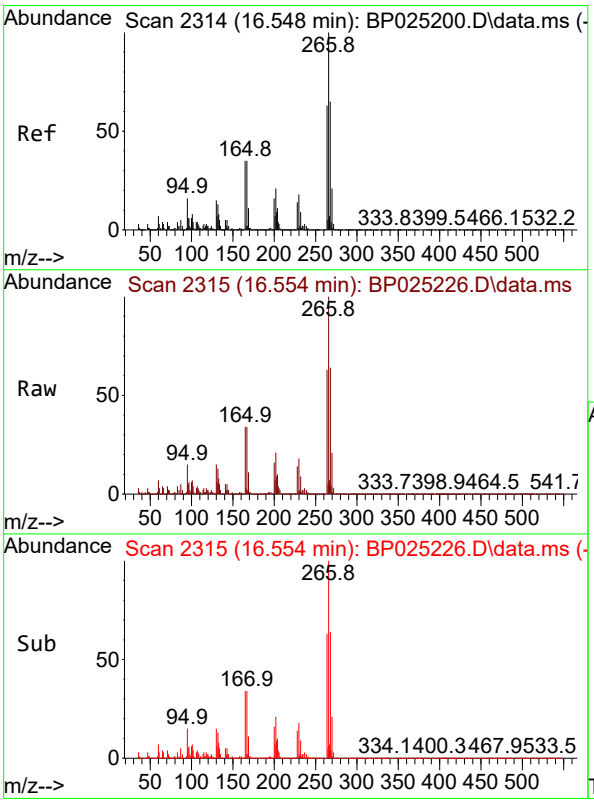
Tgt Ion:200 Resp: 114287

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.4	47.4
215	49.1	28.5	68.5

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Supervised By :Jagrut Upadhyay 07/24/2025

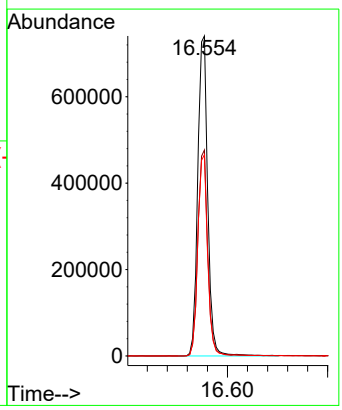


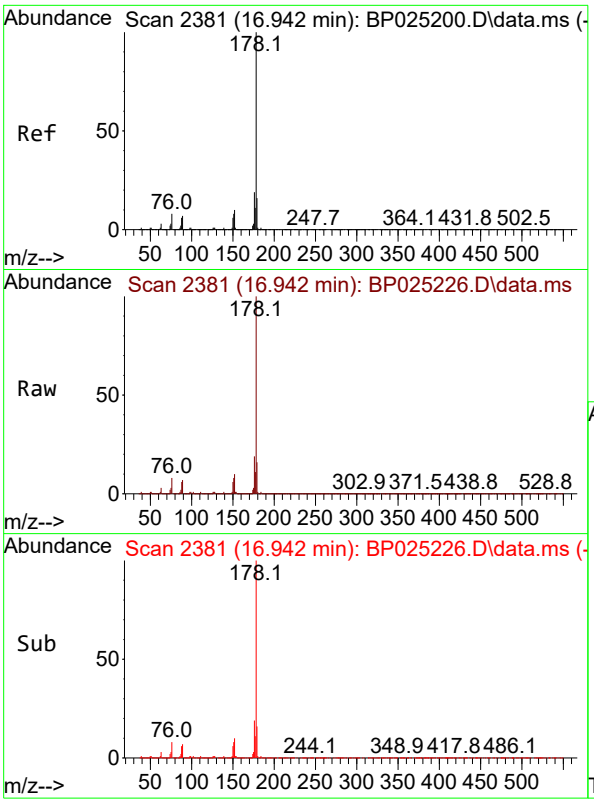


#70
Pentachlorophenol
Concen: 42.346 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:266 Resp: 1017463

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.8	77.6
264	62.9	50.3	75.5

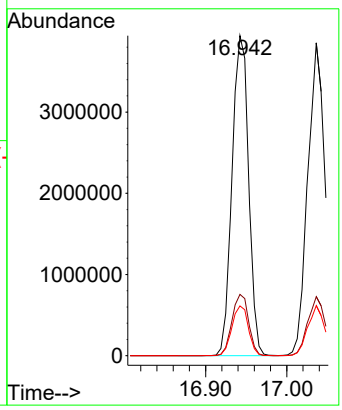




#71
Phenanthrene
Concen: 40.543 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:178 Resp: 557474

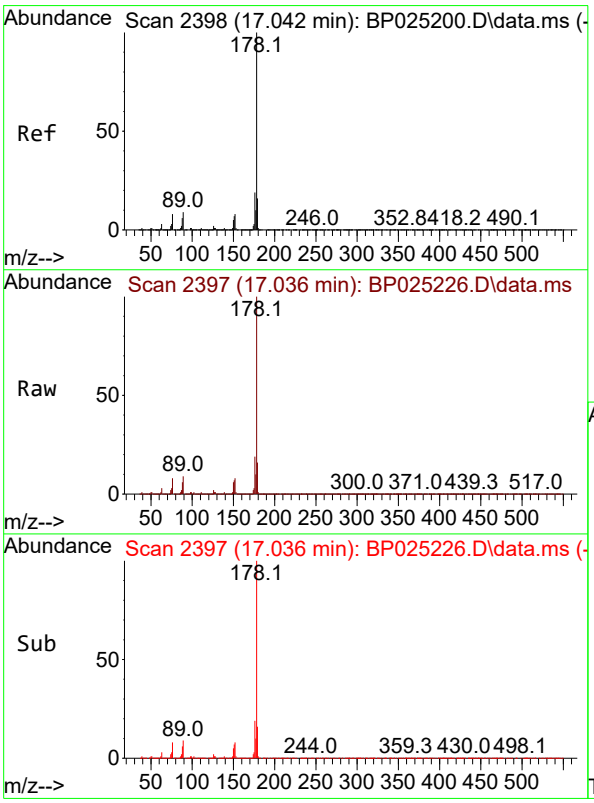
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.5	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
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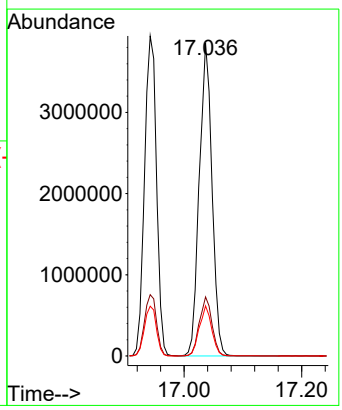
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

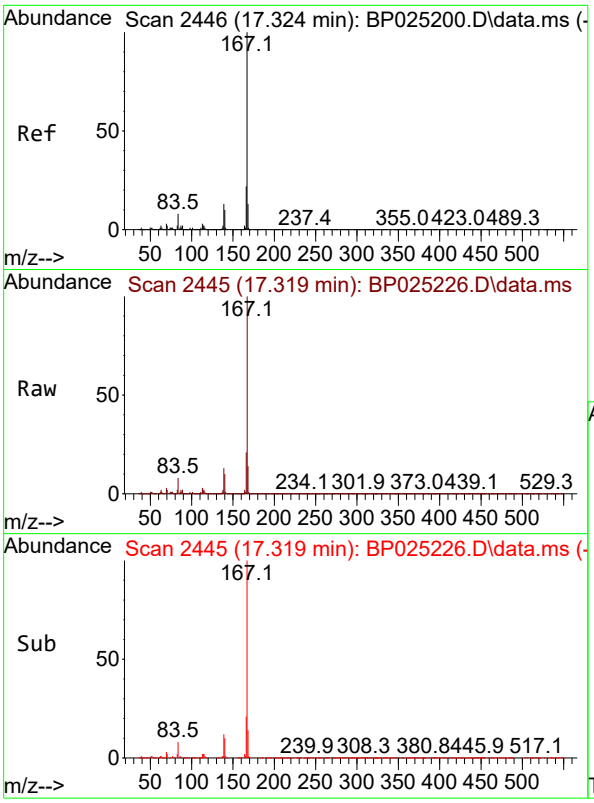


#72
Anthracene
Concen: 41.892 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:178 Resp: 5802800

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	16.0	12.5	18.7





#73
Carbazole
Concen: 41.734 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

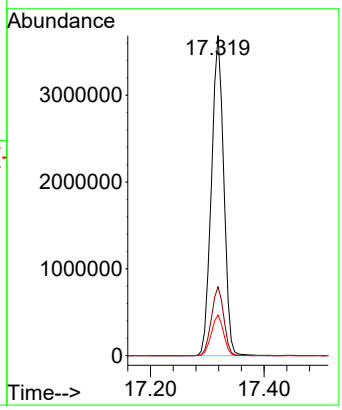
Tgt Ion:167 Resp: 551856

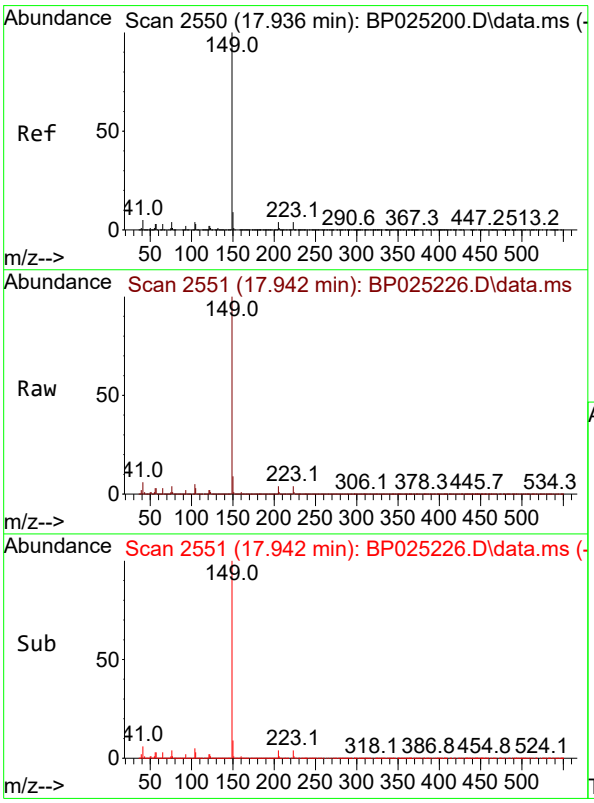
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	12.7	10.1	15.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

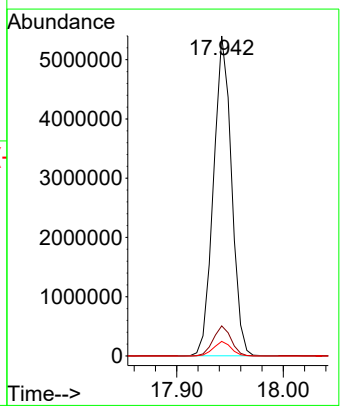


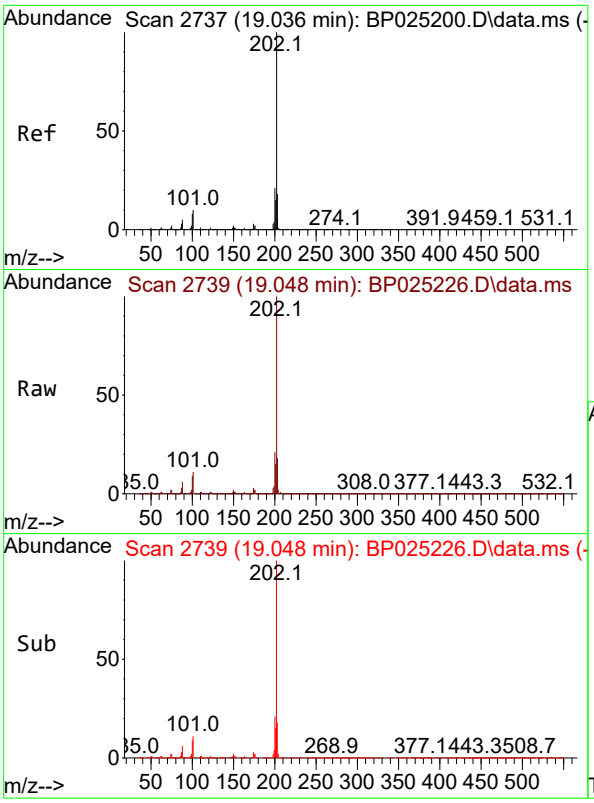


#74
Di-n-butylphthalate
Concen: 41.506 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 6332663

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.6	3.5	5.3





#75
Fluoranthene
Concen: 41.156 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

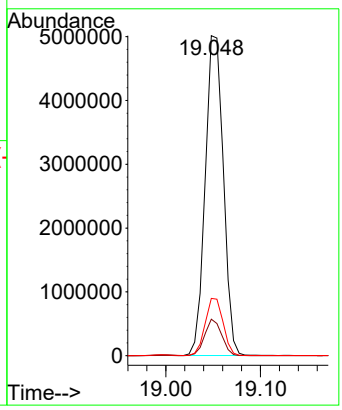
Tgt Ion:202 Resp: 666023

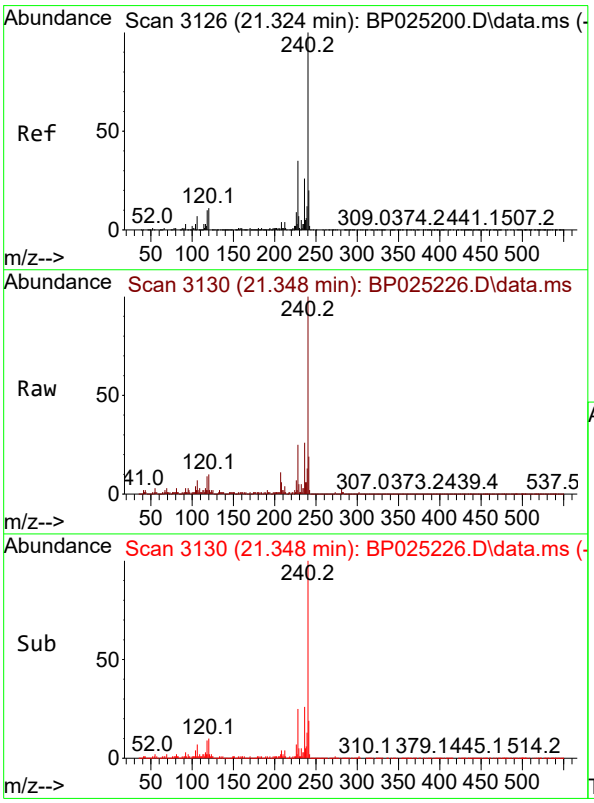
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
203	17.9	0.0	38.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

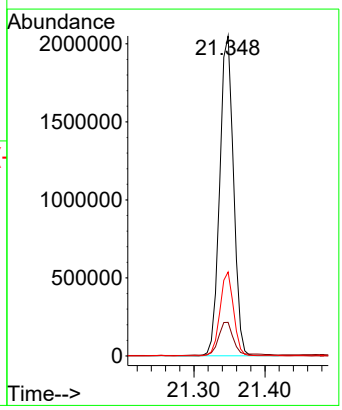


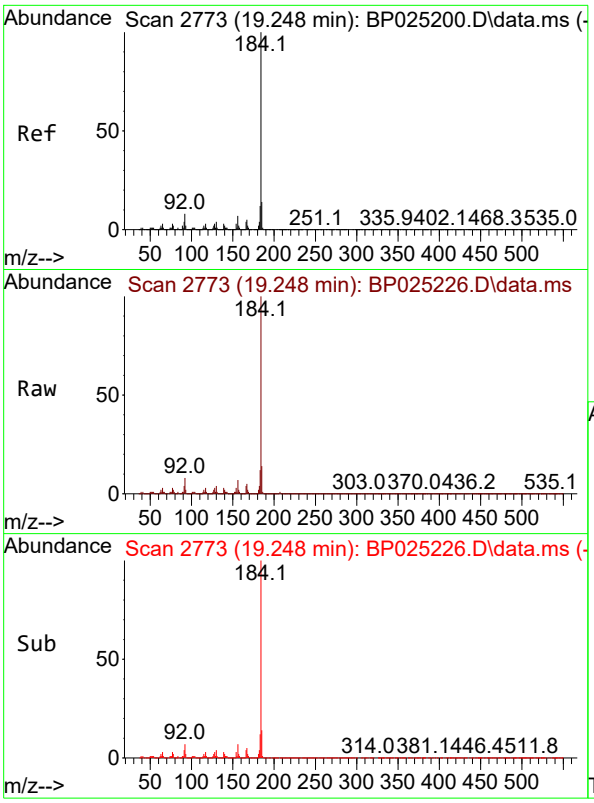


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:240 Resp: 2750456

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	26.3	20.9	31.3

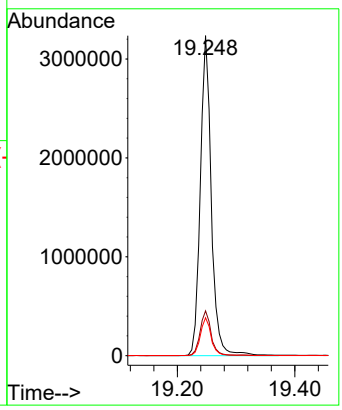




#77
Benzidine
Concen: 43.479 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:184 Resp: 419846

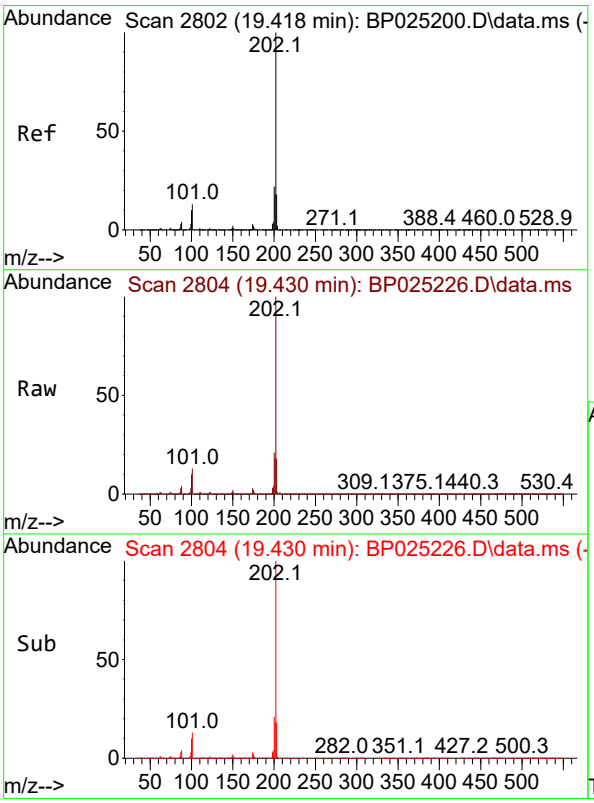
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	11.9	9.6	14.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

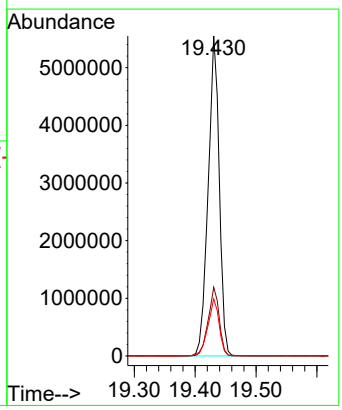
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

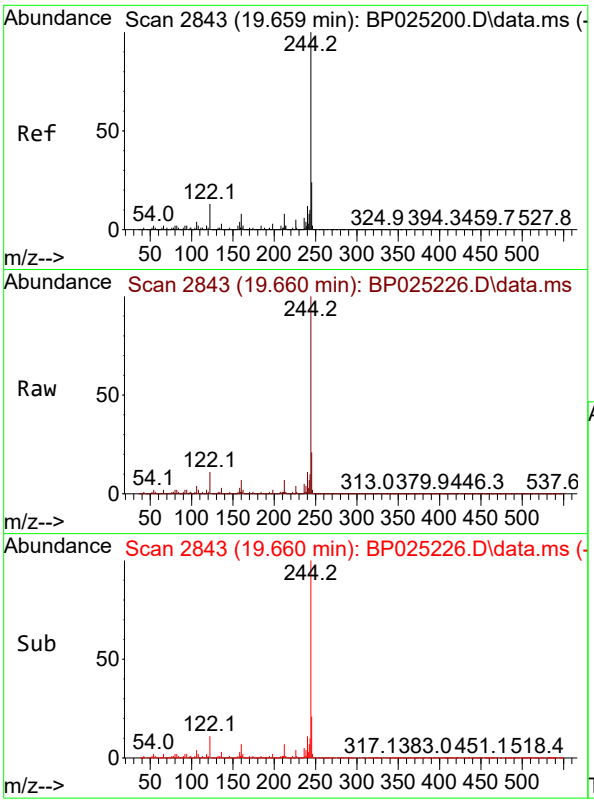


#78
Pyrene
Concen: 41.430 ng
RT: 19.430 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:202 Resp: 7026109

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.9	14.3	21.5

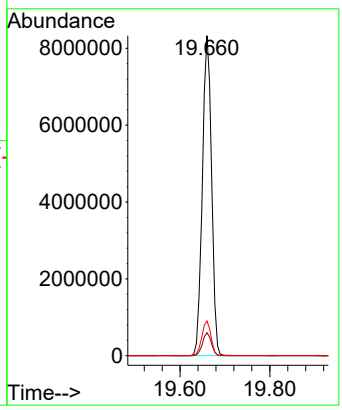




#79
Terphenyl-d14
Concen: 85.004 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:244 Resp:1184373

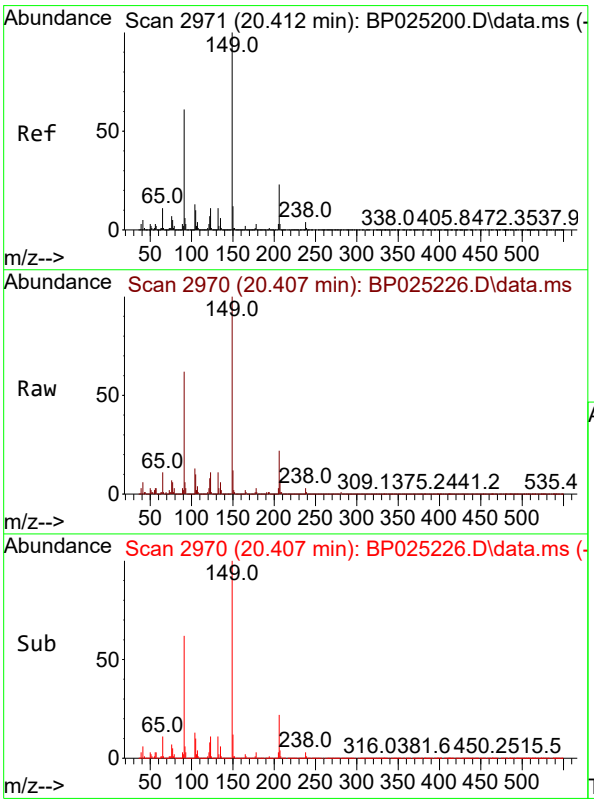
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	9.8
122	10.8	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

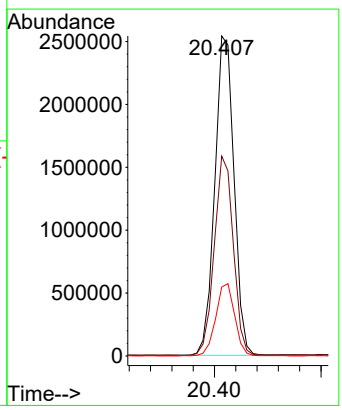
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

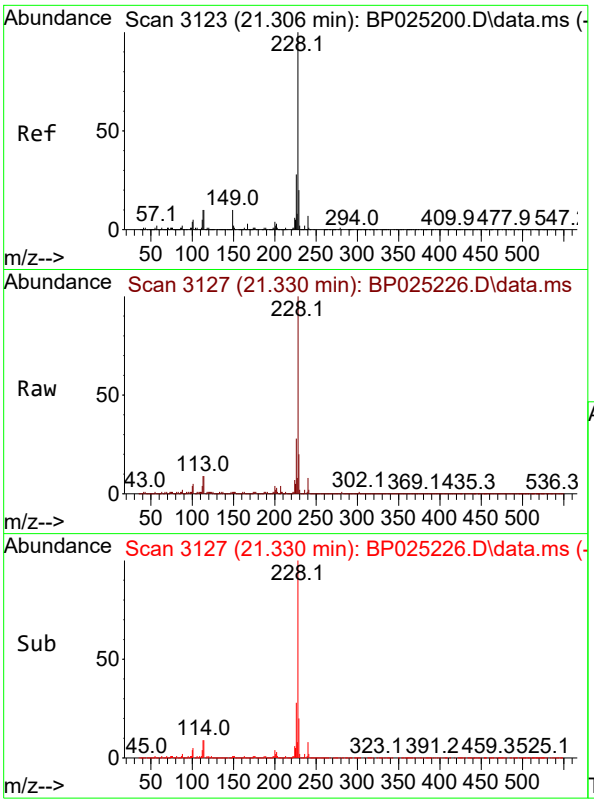


#80
Butylbenzylphthalate
Concen: 41.362 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 3175224

Ion	Ratio	Lower	Upper
149	100		
91	62.4	48.8	73.2
206	21.6	18.4	27.6

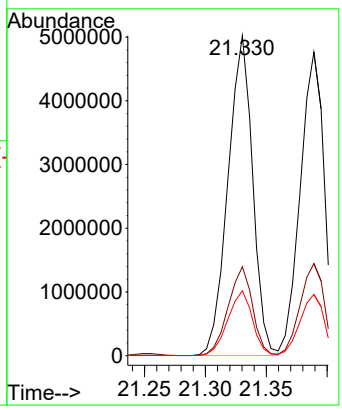




#81
Benzo(a)anthracene
Concen: 40.758 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:228 Resp: 707931

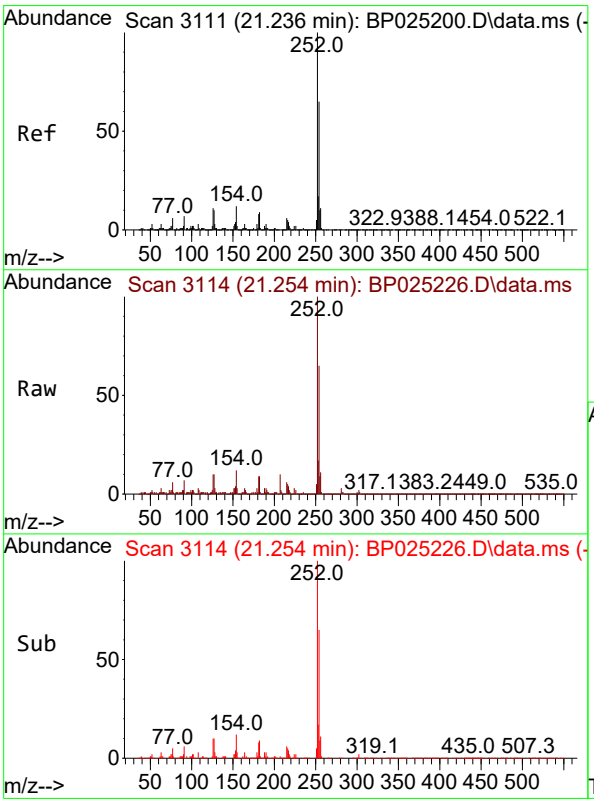
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.3	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

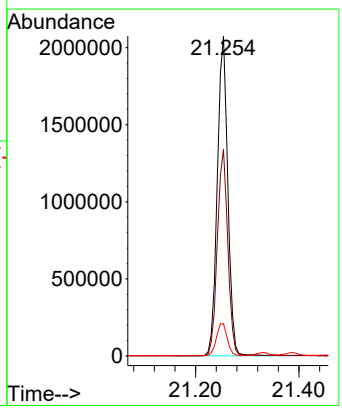
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

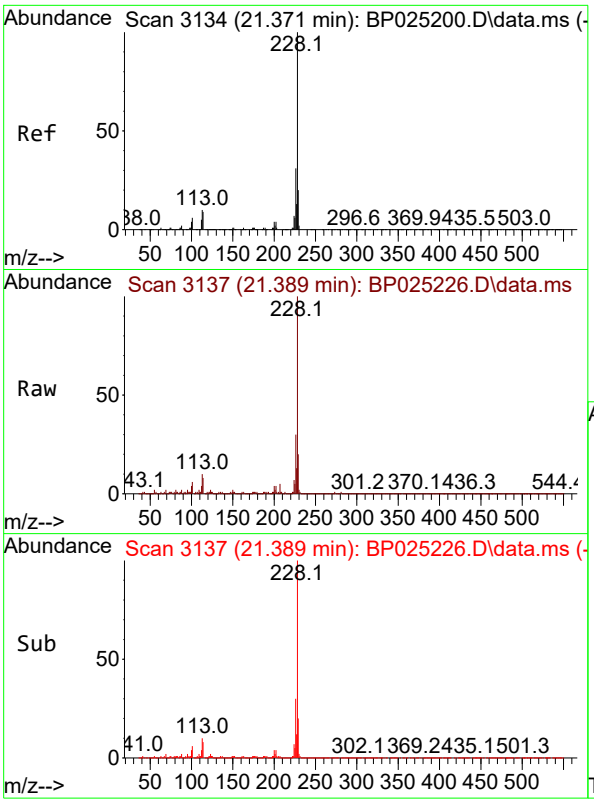


#82
3,3'-Dichlorobenzidine
Concen: 40.448 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 2912207

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	10.1	8.6	12.8





#83
Chrysene
Concen: 40.349 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

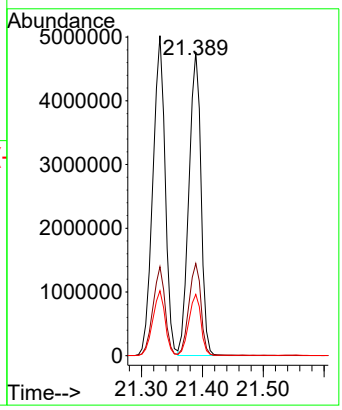
Tgt Ion:228 Resp: 654232

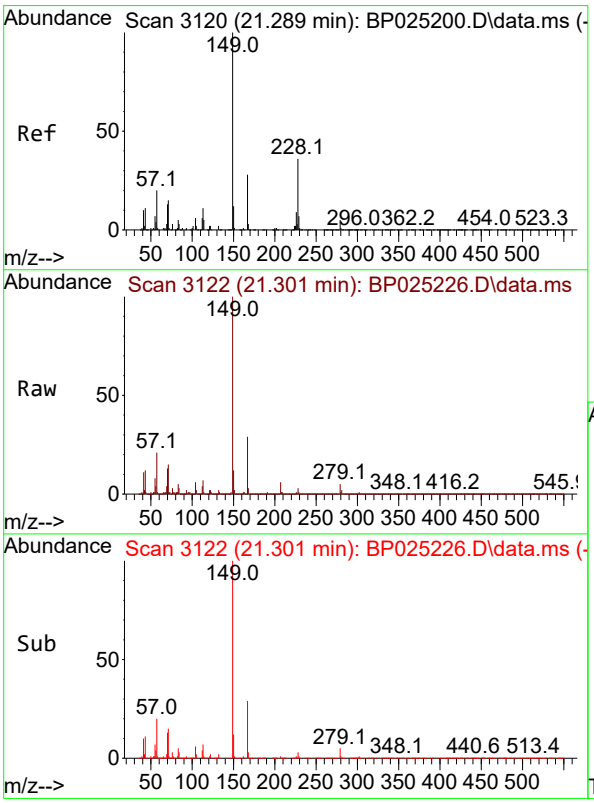
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	20.2	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

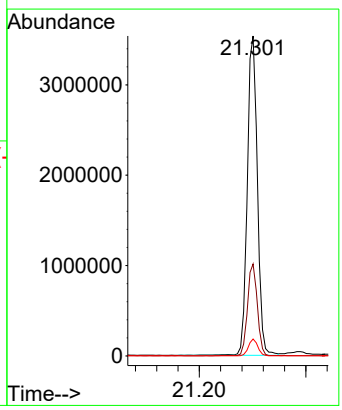


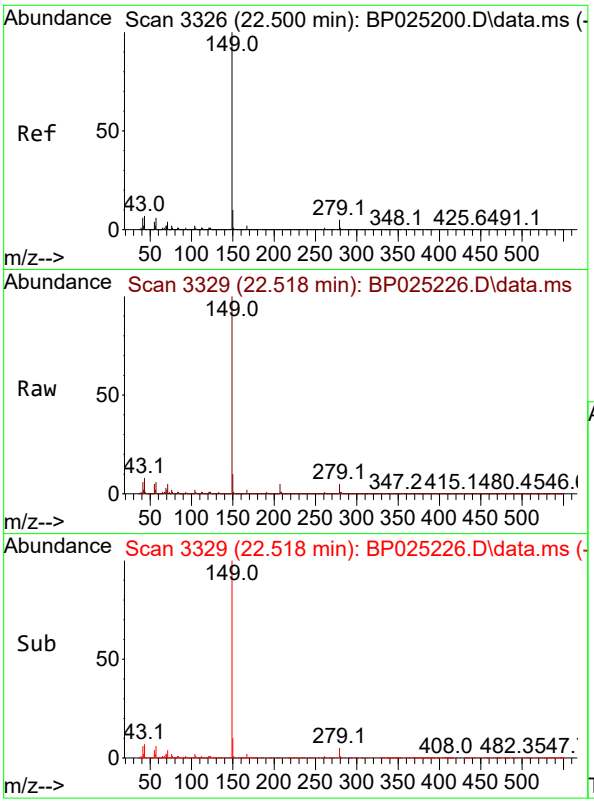


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.232 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 4635740

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	5.3	4.0	6.0

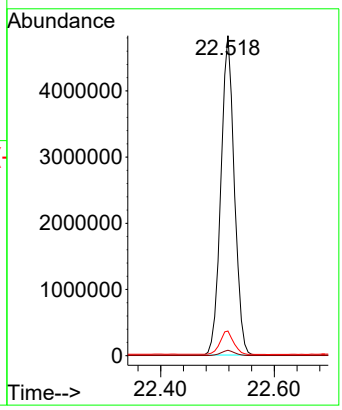




#85
Di-n-octyl phthalate
Concen: 42.046 ng
RT: 22.518 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 796974

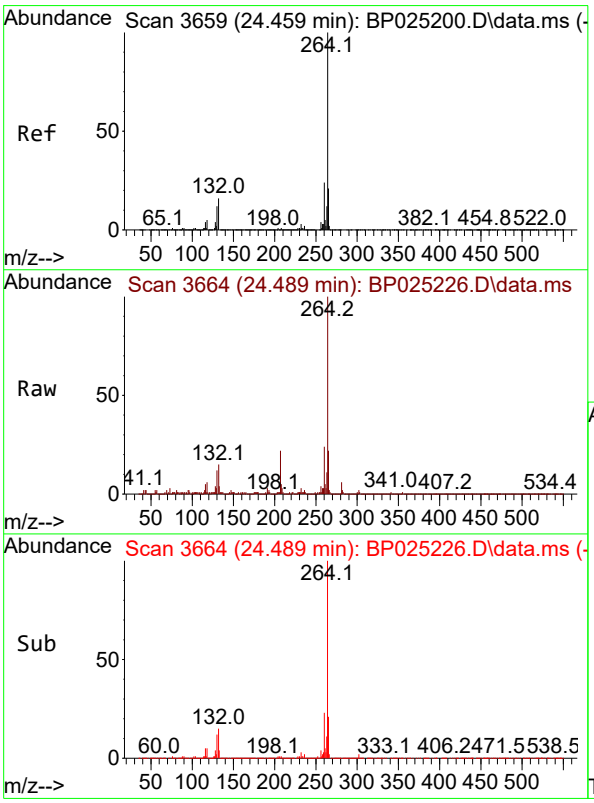
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

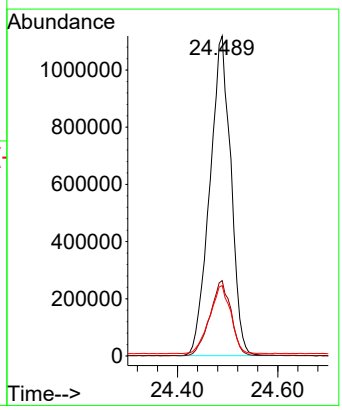
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

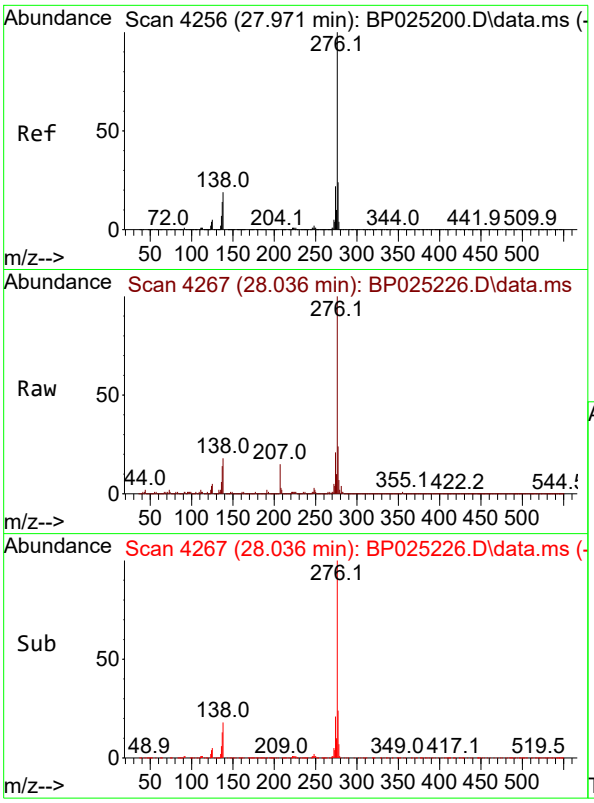


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. 0.030 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:264 Resp: 3266187

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.0	17.5	26.3

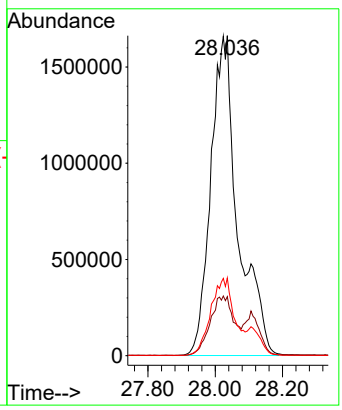




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.038 ng m
RT: 28.036 min Scan# 4
Delta R.T. 0.065 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:276 Resp: 931771

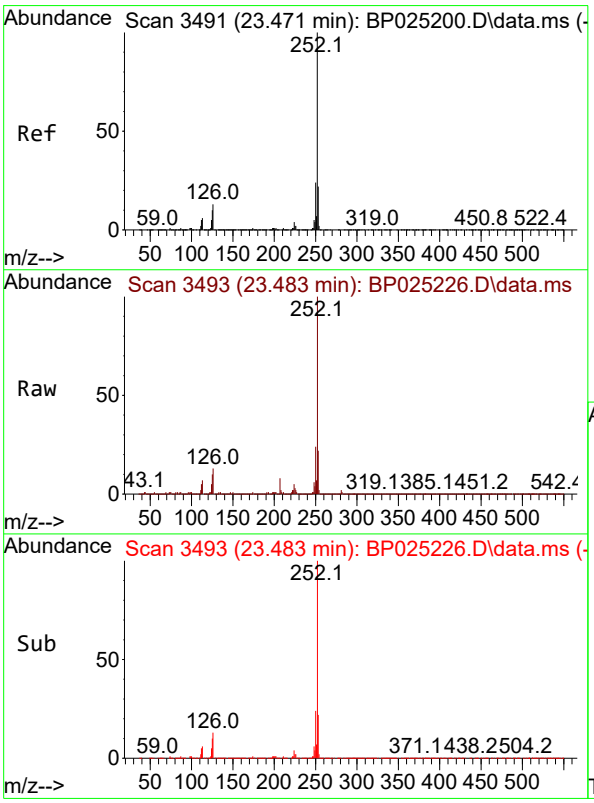
Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.8	19.2
277	21.0	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

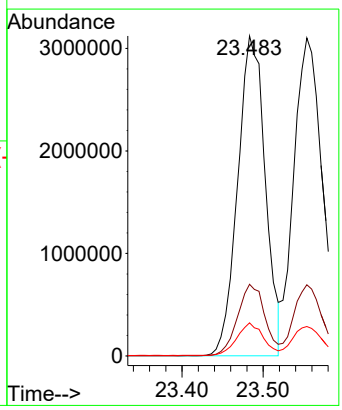
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

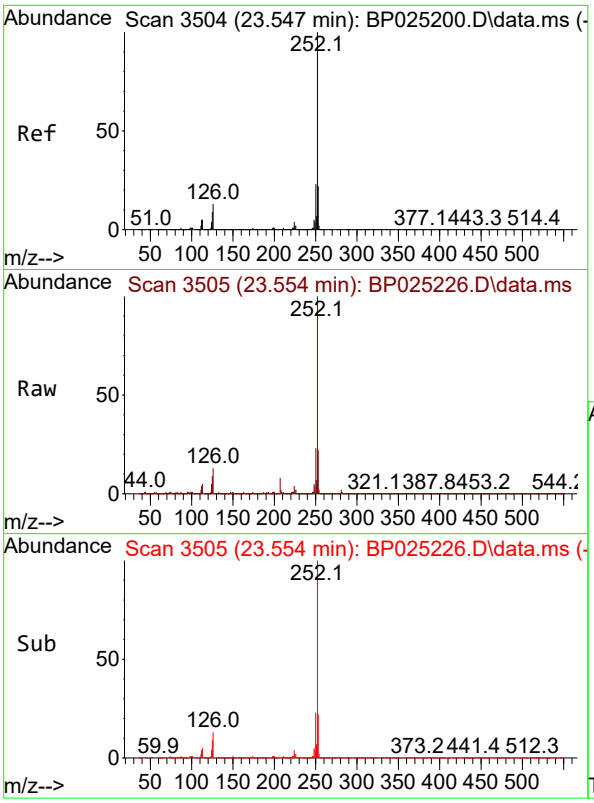


#88
Benzo(b)fluoranthene
Concen: 39.332 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 7353598

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.3	7.8	11.8





#89
Benzo(k)fluoranthene
Concen: 40.521 ng
RT: 23.554 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

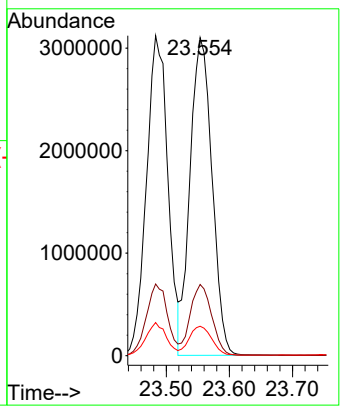
Tgt Ion:252 Resp: 747896

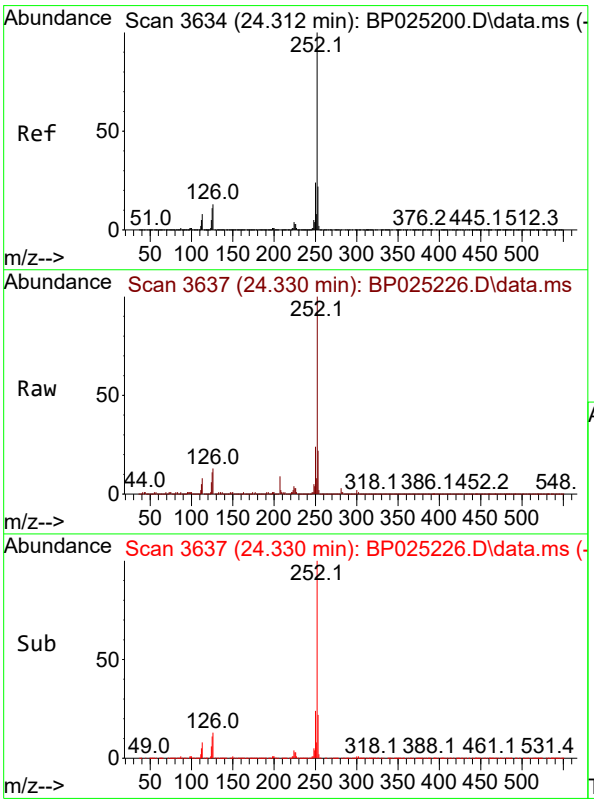
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.3	7.5	11.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

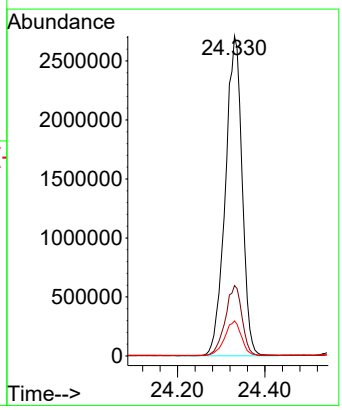


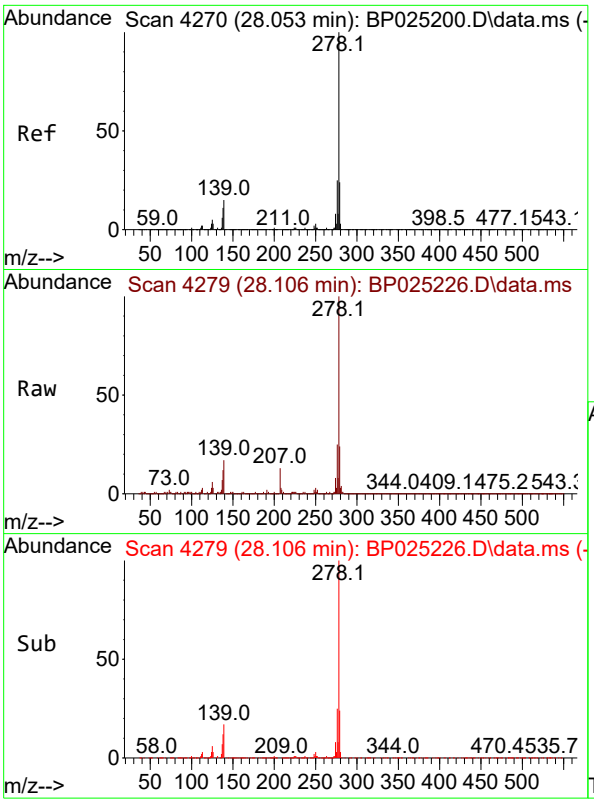


#90
Benzo(a)pyrene
Concen: 39.502 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 7205655

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.9	8.6	12.8

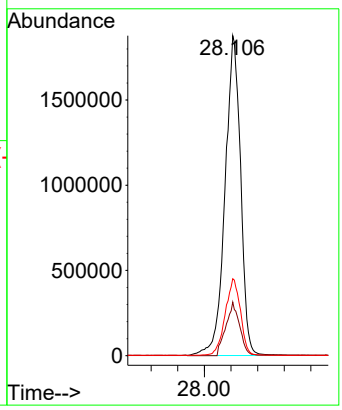




#91
Dibenzo(a,h)anthracene
Concen: 39.046 ng
RT: 28.106 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:278 Resp: 760349

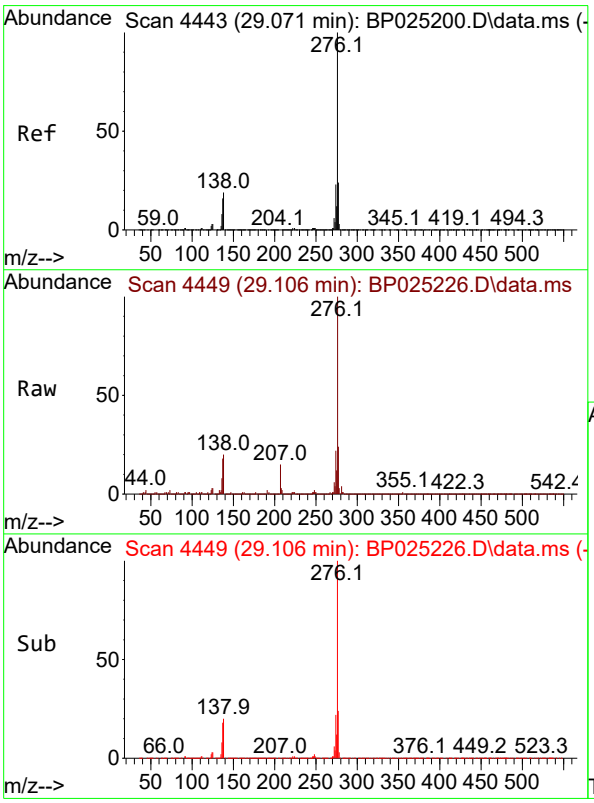
Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.0	18.0
279	24.0	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

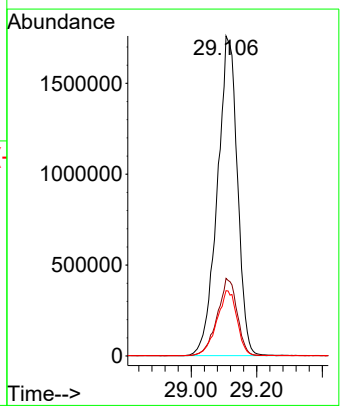
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 38.916 ng
RT: 29.106 min Scan# 4449
Delta R.T. 0.036 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:276 Resp: 7447383

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	20.4	15.4	23.2



Sample Results: **BP025226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	59	0.00
2		1,4-Dioxane	0.444	0.429	3.4	59	0.00
3		Pyridine	1.188	1.150	3.2	58	0.00
4		n-Nitrosodimethylamine	0.471	0.464	1.5	58	0.00
5	S	2-Fluorophenol	1.184	1.173	0.9	59	0.00
6		Aniline	1.916	1.951	-1.8	60	0.00
7	S	Phenol-d6	1.466	1.495	-2.0	60	0.00
8		2-Chlorophenol	1.343	1.358	-1.1	60	0.00
9		Benzaldehyde	0.994	0.974	2.0	52	0.00
10	C	Phenol	1.520	1.553	-2.2	60	0.00
11		bis(2-Chloroethyl)ether	1.166	1.147	1.6	58	0.00
12		1,3-Dichlorobenzene	1.510	1.490	1.3	59	0.00
13	C	1,4-Dichlorobenzene	1.525	1.518	0.5	59	0.00
14		1,2-Dichlorobenzene	1.467	1.461	0.4	59	0.00
15		Benzyl Alcohol	1.057	1.084	-2.6	60	0.00
16		2,2'-oxybis(1-Chloropropane	1.491	1.455	2.4	58	0.00
17		2-Methylphenol	1.054	1.088	-3.2	61	0.00
18		Hexachloroethane	0.524	0.509	2.9	58	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	0.904	-2.5	60	0.00
20		3+4-Methylphenols	1.438	1.488	-3.5	61	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	59	0.00
22		Acetophenone	0.465	0.465	0.0	61	0.00
23	S	Nitrobenzene-d5	0.360	0.364	-1.1	61	0.00
24		Nitrobenzene	0.321	0.324	-0.9	61	0.00
25		Isophorone	0.633	0.619	2.2	58	0.00
26	C	2-Nitrophenol	0.184	0.192	-4.3	62	0.00
27		2,4-Dimethylphenol	0.308	0.311	-1.0	60	0.01
28		bis(2-Chloroethoxy)methane	0.396	0.384	3.0	59	0.00
29	C	2,4-Dichlorophenol	0.317	0.326	-2.8	61	0.00
30		1,2,4-Trichlorobenzene	0.346	0.344	0.6	61	0.00
31		Naphthalene	1.023	1.020	0.3	60	0.00
32		Benzoic acid	0.235	0.282	-20.0	71	0.00
33		4-Chloroaniline	0.450	0.464	-3.1	62	0.00
34	C	Hexachlorobutadiene	0.208	0.204	1.9	59	0.00
35		Caprolactam	0.105	0.111	-5.7	65	0.00
36	C	4-Chloro-3-methylphenol	0.317	0.333	-5.0	64	0.01
37		2-Methylnaphthalene	0.665	0.662	0.5	60	0.01
38		1-Methylnaphthalene	0.698	0.710	-1.7	61	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	62	0.00
40		1,2,4,5-Tetrachlorobenzene	0.599	0.594	0.8	62	0.01
41	P	Hexachlorocyclopentadiene	0.358	0.238	33.5#	42#	0.01
42	S	2,4,6-Tribromophenol	0.295	0.324	-9.8	70	0.00
43	C	2,4,6-Trichlorophenol	0.410	0.418	-2.0	63	0.00
44		2,4,5-Trichlorophenol	0.451	0.463	-2.7	64	0.02
45	S	2-Fluorobiphenyl	1.419	1.428	-0.6	63	0.00
46		1,1'-Biphenyl	1.450	1.430	1.4	62	0.01
47		2-Chloronaphthalene	1.132	1.138	-0.5	64	0.02

Sample Results: **BP025226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	0.289	0.303	-4.8	65	0.00
49		Acenaphthylene	1.831	1.873	-2.3	64	0.00
50		Dimethylphthalate	1.430	1.395	2.4	63	0.00
51		2,6-Dinitrotoluene	0.311	0.319	-2.6	64	0.00
52	C	Acenaphthene	1.059	1.072	-1.2	64	0.00
53		3-Nitroaniline	0.350	0.372	-6.3	67	0.01
54	P	2,4-Dinitrophenol	0.184	0.140	23.9	48#	0.00
55		Dibenzofuran	1.710	1.748	-2.2	64	0.00
56	P	4-Nitrophenol	0.300	0.332	-10.7	71	0.02
57		2,4-Dinitrotoluene	0.435	0.468	-7.6	67	0.00
58		Fluorene	1.358	1.427	-5.1	67	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.429	-7.5	68	0.02
60		Diethylphthalate	1.410	1.418	-0.6	64	0.00
61		4-Chlorophenyl-phenylether	0.686	0.701	-2.2	64	0.00
62		4-Nitroaniline	0.356	0.400	-12.4	71	0.00
63		Azobenzene	1.149	1.206	-5.0	67	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	70	0.01
65		4,6-Dinitro-2-methylphenol	0.129	0.095	26.4#	50	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.579	4.6	67	0.01
67		4-Bromophenyl-phenylether	0.233	0.223	4.3	67	0.01
68		Hexachlorobenzene	0.277	0.272	1.8	68	0.00
69		Atrazine	0.225	0.224	0.4	71	0.00
70	C	Pentachlorophenol	0.188	0.200	-6.4	73	0.00
71		Phenanthrene	1.079	1.093	-1.3	71	0.00
72		Anthracene	1.087	1.138	-4.7	73	0.00
73		Carbazole	1.037	1.082	-4.3	73	0.00
74		Di-n-butylphthalate	1.197	1.242	-3.8	71	0.00
75	C	Fluoranthene	1.270	1.306	-2.8	73	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	75	0.02
77		Benzidine	0.702	0.763	-8.7	67	0.00
78		Pyrene	1.233	1.277	-3.6	76	0.01
79	S	Terphenyl-d14	1.013	1.077	-6.3	90	0.00
80		Butylbenzylphthalate	0.558	0.577	-3.4	77	0.00
81		Benzo(a)anthracene	1.263	1.287	-1.9	77	0.02
82		3,3'-Dichlorobenzidine	0.524	0.529	-1.0	78	0.02
83		Chrysene	1.179	1.189	-0.8	77	0.02
84		Bis(2-ethylhexyl)phthalate	0.798	0.843	-5.6	79	0.01
85	c	Di-n-octyl phthalate	1.378	1.449	-5.2	78	0.02
86	I	Perylene-d12	1.000	1.000	0.0	75	0.03
87		Indeno(1,2,3-cd)pyrene	1.462	1.426	2.5	75	0.07
88		Benzo(b)fluoranthene	1.145	1.126	1.7	75	0.01
89		Benzo(k)fluoranthene	1.130	1.145	-1.3	76	0.00
90	C	Benzo(a)pyrene	1.117	1.103	1.3	75	0.02
91		Dibenzo(a,h)anthracene	1.192	1.164	2.3	74	0.05
92		Benzo(g,h,i)perylene	1.172	1.140	2.7	75	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

Sample Results: **BP025226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	59	0.00
2		1,4-Dioxane	40.000	38.724	3.2	59	0.00
3		Pyridine	40.000	38.721	3.2	58	0.00
4		n-Nitrosodimethylamine	40.000	39.375	1.6	58	0.00
5	S	2-Fluorophenol	80.000	79.254	0.9	59	0.00
6		Aniline	40.000	40.717	-1.8	60	0.00
7	S	Phenol-d6	80.000	81.590	-2.0	60	0.00
8		2-Chlorophenol	40.000	40.435	-1.1	60	0.00
9		Benzaldehyde	40.000	39.187	2.0	52	0.00
10	C	Phenol	40.000	40.854	-2.1	60	0.00
11		bis(2-Chloroethyl)ether	40.000	39.372	1.6	58	0.00
12		1,3-Dichlorobenzene	40.000	39.465	1.3	59	0.00
13	C	1,4-Dichlorobenzene	40.000	39.837	0.4	59	0.00
14		1,2-Dichlorobenzene	40.000	39.835	0.4	59	0.00
15		Benzyl Alcohol	40.000	40.996	-2.5	60	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.032	2.4	58	0.00
17		2-Methylphenol	40.000	41.301	-3.3	61	0.00
18		Hexachloroethane	40.000	38.843	2.9	58	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.006	-2.5	60	0.00
20		3+4-Methylphenols	40.000	41.404	-3.5	61	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	59	0.00
22		Acetophenone	40.000	39.934	0.2	61	0.00
23	S	Nitrobenzene-d5	80.000	80.910	-1.1	61	0.00
24		Nitrobenzene	40.000	40.408	-1.0	61	0.00
25		Isophorone	40.000	39.102	2.2	58	0.00
26	C	2-Nitrophenol	40.000	41.700	-4.3	62	0.00
27		2,4-Dimethylphenol	40.000	40.348	-0.9	60	0.01
28		bis(2-Chloroethoxy)methane	40.000	38.771	3.1	59	0.00
29	C	2,4-Dichlorophenol	40.000	41.112	-2.8	61	0.00
30		1,2,4-Trichlorobenzene	40.000	39.767	0.6	61	0.00
31		Naphthalene	40.000	39.861	0.3	60	0.00
32		Benzoic acid	40.000	48.005	-20.0	71	0.00
33		4-Chloroaniline	40.000	41.255	-3.1	62	0.00
34	C	Hexachlorobutadiene	40.000	39.161	2.1	59	0.00
35		Caprolactam	40.000	42.101	-5.3	65	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.016	-5.0	64	0.01
37		2-Methylnaphthalene	40.000	39.858	0.4	60	0.01
38		1-Methylnaphthalene	40.000	40.690	-1.7	61	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	62	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.638	0.9	62	0.01
41	P	Hexachlorocyclopentadiene	40.000	26.642	33.4#	42	0.01
42	S	2,4,6-Tribromophenol	80.000	88.010	-10.0	70	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.841	-2.1	63	0.00
44		2,4,5-Trichlorophenol	40.000	41.075	-2.7	64	0.02
45	S	2-Fluorobiphenyl	80.000	80.519	-0.6	63	0.00
46		1,1'-Biphenyl	40.000	39.455	1.4	62	0.01
47		2-Chloronaphthalene	40.000	40.201	-0.5	64	0.02

Sample Results: **BP025226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	41.867	-4.7	65	0.00
49		Acenaphthylene	40.000	40.927	-2.3	64	0.00
50		Dimethylphthalate	40.000	39.003	2.5	63	0.00
51		2,6-Dinitrotoluene	40.000	41.002	-2.5	64	0.00
52	C	Acenaphthene	40.000	40.497	-1.2	64	0.00
53		3-Nitroaniline	40.000	42.494	-6.2	67	0.01
54	P	2,4-Dinitrophenol	40.000	30.316	24.2	48	0.00
55		Dibenzofuran	40.000	40.883	-2.2	64	0.00
56	P	4-Nitrophenol	40.000	44.292	-10.7	71	0.02
57		2,4-Dinitrotoluene	40.000	43.057	-7.6	67	0.00
58		Fluorene	40.000	42.056	-5.1	67	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.006	-7.5	68	0.02
60		Diethylphthalate	40.000	40.235	-0.6	64	0.00
61		4-Chlorophenyl-phenylether	40.000	40.846	-2.1	64	0.00
62		4-Nitroaniline	40.000	44.837	-12.1	71	0.00
63		Azobenzene	40.000	41.997	-5.0	67	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	70	0.01
65		4,6-Dinitro-2-methylphenol	40.000	29.390	26.5#	50	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.155	4.6	67	0.01
67		4-Bromophenyl-phenylether	40.000	38.140	4.6	67	0.01
68		Hexachlorobenzene	40.000	39.236	1.9	68	0.00
69		Atrazine	40.000	39.913	0.2	71	0.00
70	C	Pentachlorophenol	40.000	42.346	-5.9	73	0.00
71		Phenanthrene	40.000	40.543	-1.4	71	0.00
72		Anthracene	40.000	41.892	-4.7	73	0.00
73		Carbazole	40.000	41.734	-4.3	73	0.00
74		Di-n-butylphthalate	40.000	41.506	-3.8	71	0.00
75	C	Fluoranthene	40.000	41.156	-2.9	73	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	75	0.02
77		Benzidine	40.000	43.479	-8.7	67	0.00
78		Pyrene	40.000	41.430	-3.6	76	0.01
79	S	Terphenyl-d14	80.000	85.004	-6.3	90	0.00
80		Butylbenzylphthalate	40.000	41.362	-3.4	77	0.00
81		Benzo(a)anthracene	40.000	40.758	-1.9	77	0.02
82		3,3'-Dichlorobenzidine	40.000	40.448	-1.1	78	0.02
83		Chrysene	40.000	40.349	-0.9	77	0.02
84		Bis(2-ethylhexyl)phthalate	40.000	42.232	-5.6	79	0.01
85	c	Di-n-octyl phthalate	40.000	42.046	-5.1	78	0.02
86	I	Perylene-d12	20.000	20.000	0.0	75	0.03
87		Indeno(1,2,3-cd)pyrene	40.000	39.038	2.4	75	0.07
88		Benzo(b)fluoranthene	40.000	39.332	1.7	75	0.01
89		Benzo(k)fluoranthene	40.000	40.521	-1.3	76	0.00
90	C	Benzo(a)pyrene	40.000	39.502	1.2	75	0.02
91		Dibenzo(a,h)anthracene	40.000	39.046	2.4	74	0.05
92		Benzo(g,h,i)perylene	40.000	38.916	2.7	75	0.04

Sample Results: **BP025226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 18:16

Lab File ID: BP025228.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.184	1.154		-2.5	
Phenol-d6	1.466	1.503		2.5	
Nitrobenzene-d5	0.360	0.357		-0.8	
Naphthalene	1.023	1.014		-0.9	
2-Methylnaphthalene	0.665	0.679		2.1	
2-Fluorobiphenyl	1.419	1.419		0.0	
Acenaphthylene	1.831	1.860		1.6	
Acenaphthene	1.059	1.066		0.7	20.0
Fluorene	1.358	1.396		2.8	
2,4,6-Tribromophenol	0.295	0.310		5.1	
Phenanthrene	1.079	1.084		0.5	
Anthracene	1.087	1.115		2.6	
Fluoranthene	1.270	1.277		0.6	20.0
Pyrene	1.233	1.277		3.6	
Terphenyl-d14	1.013	1.070		5.6	
Benzo(a)anthracene	1.263	1.244		-1.5	
Chrysene	1.179	1.183		0.3	
Benzo(b)fluoranthene	1.145	1.141		-0.3	
Benzo(k)fluoranthene	1.130	1.115		-1.3	
Benzo(a)pyrene	1.117	1.105		-1.1	20.0
Indeno(1,2,3-cd)pyrene	1.462	1.429		-2.3	
Dibenzo(a,h)anthracene	1.192	1.156		-3.0	
Benzo(g,h,i)perylene	1.172	1.126		-3.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	475755	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2010398	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1363058	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2867783	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2918399	20.000	ng	0.01
86) Perylene-d12	24.483	264	3385440	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2196567	78.011	ng	0.00
7) Phenol-d6	6.643	99	2861029	82.039	ng	0.00
23) Nitrobenzene-d5	8.566	82	2873708	79.438	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1690516	84.128	ng	-0.01
45) 2-Fluorobiphenyl	12.683	172	7739219	80.047	ng	0.00
79) Terphenyl-d14	19.660	244	12492781	84.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	393587	37.296	ng	100
3) Pyridine	3.490	79	1090608	38.607	ng	99
4) n-Nitrosodimethylamine	3.402	42	435495	38.874	ng	95
6) Aniline	6.784	93	1852487	40.638	ng	100
8) 2-Chlorophenol	7.013	128	1296331	40.576	ng	99
9) Benzaldehyde	6.596	77	930250	39.343	ng	99
10) Phenol	6.666	94	1467116	40.566	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	1103356	39.793	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1409952	39.245	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1433228	39.521	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1397689	40.064	ng	100
15) Benzyl Alcohol	7.678	79	1042913	41.459	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.954	45	1399883	39.458	ng	99
17) 2-Methylphenol	7.878	107	1036790	41.350	ng	99
18) Hexachloroethane	8.484	117	493527	39.573	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	861892	41.082	ng	99
20) 3+4-Methylphenols	8.201	107	1427970	41.751	ng	99
22) Acetophenone	8.243	105	1831992	39.161	ng	99
24) Nitrobenzene	8.607	77	1277454	39.614	ng	97
25) Isophorone	9.131	82	2499307	39.287	ng	99
26) 2-Nitrophenol	9.301	139	754572	40.747	ng	99
27) 2,4-Dimethylphenol	9.384	122	1242956	40.112	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	1537420	38.637	ng	100
29) 2,4-Dichlorophenol	9.837	162	1301415	40.880	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	1377874	39.627	ng	100
31) Naphthalene	10.231	128	4078359	39.644	ng	100
32) Benzoic acid	9.542	122	1130735	47.799	ng	98
33) 4-Chloroaniline	10.337	127	1843296	40.762	ng	99
34) Hexachlorobutadiene	10.519	225	820021	39.183	ng	100
35) Caprolactam	11.131	113	442265	41.859	ng	97
36) 4-Chloro-3-methylphenol	11.484	107	1343300	42.212	ng	98
37) 2-Methylnaphthalene	11.854	142	2729444	40.859	ng	99
38) 1-Methylnaphthalene	12.072	142	2849738	40.612	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1603484	39.246	ng	99
41) Hexachlorocyclopentadiene	12.213	237	686433	28.144	ng	100
43) 2,4,6-Trichlorophenol	12.478	196	1125399	40.313	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1268169	41.280	ng	99
46) 1,1'-Biphenyl	12.883	154	3899850	39.468	ng	99
47) 2-Chloronaphthalene	12.925	162	3060262	39.669	ng	100
48) 2-Nitroaniline	13.136	65	801067	40.662	ng	98
49) Acenaphthylene	13.789	152	5069233	40.627	ng	100
50) Dimethylphthalate	13.542	163	3841185	39.404	ng	99
51) 2,6-Dinitrotoluene	13.654	165	869516	41.051	ng	99
52) Acenaphthene	14.142	154	2905616	40.271	ng	99
53) 3-Nitroaniline	13.983	138	989939	41.445	ng	98
54) 2,4-Dinitrophenol	14.201	184	388691	30.972	ng	99
55) Dibenzofuran	14.483	168	4751994	40.773	ng	99
56) 4-Nitrophenol	14.325	139	863006	42.223	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1246666	42.047	ng	97
58) Fluorene	15.154	166	3806233	41.137	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1149936	42.296	ng	99
60) Diethylphthalate	14.942	149	3976402	41.387	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1882300	40.260	ng	98
62) 4-Nitroaniline	15.172	138	1023508	42.134	ng	97
63) Azobenzene	15.460	77	3266015	41.714	ng	97
65) 4,6-Dinitro-2-methylph...	15.242	198	581859	31.439	ng	96
66) n-Nitrosodiphenylamine	15.377	169	3454679	39.689	ng	100
67) 4-Bromophenyl-phenylether	16.066	248	1298184	38.788	ng	99
68) Hexachlorobenzene	16.183	284	1585091	39.880	ng	98
69) Atrazine	16.377	200	1295226	40.212	ng	100
70) Pentachlorophenol	16.548	266	1118886	41.397	ng	100
71) Phenanthrene	16.942	178	6216763	40.193	ng	100
72) Anthracene	17.036	178	6397046	41.055	ng	100
73) Carbazole	17.319	167	5947679	39.986	ng	99
74) Di-n-butylphthalate	17.942	149	7287726	42.462	ng	100
75) Fluoranthene	19.048	202	7323528	40.231	ng	99
77) Benzidine	19.254	184	4620449	45.096	ng	99
78) Pyrene	19.424	202	7452139	41.413	ng	99
80) Butylbenzylphthalate	20.412	149	3474816	42.660	ng	99
81) Benzo(a)anthracene	21.318	228	7258836	39.386	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	3081562	40.337	ng	100
83) Chrysene	21.383	228	6904059	40.130	ng	100
84) Bis(2-ethylhexyl)phtha...	21.301	149	5131749	44.060	ng	100
85) Di-n-octyl phthalate	22.512	149	8746357	43.487	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	9674949m	39.107	ng	
88) Benzo(b)fluoranthene	23.495	252	7728646	39.882	ng	100
89) Benzo(k)fluoranthene	23.571	252	7546215	39.445	ng	99
90) Benzo(a)pyrene	24.342	252	7480970	39.566	ng	100
91) Dibenzo(a,h)anthracene	28.100	278	7830236	38.794	ng	99
92) Benzo(g,h,i)perylene	29.112	276	7622690	38.429	ng	99

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

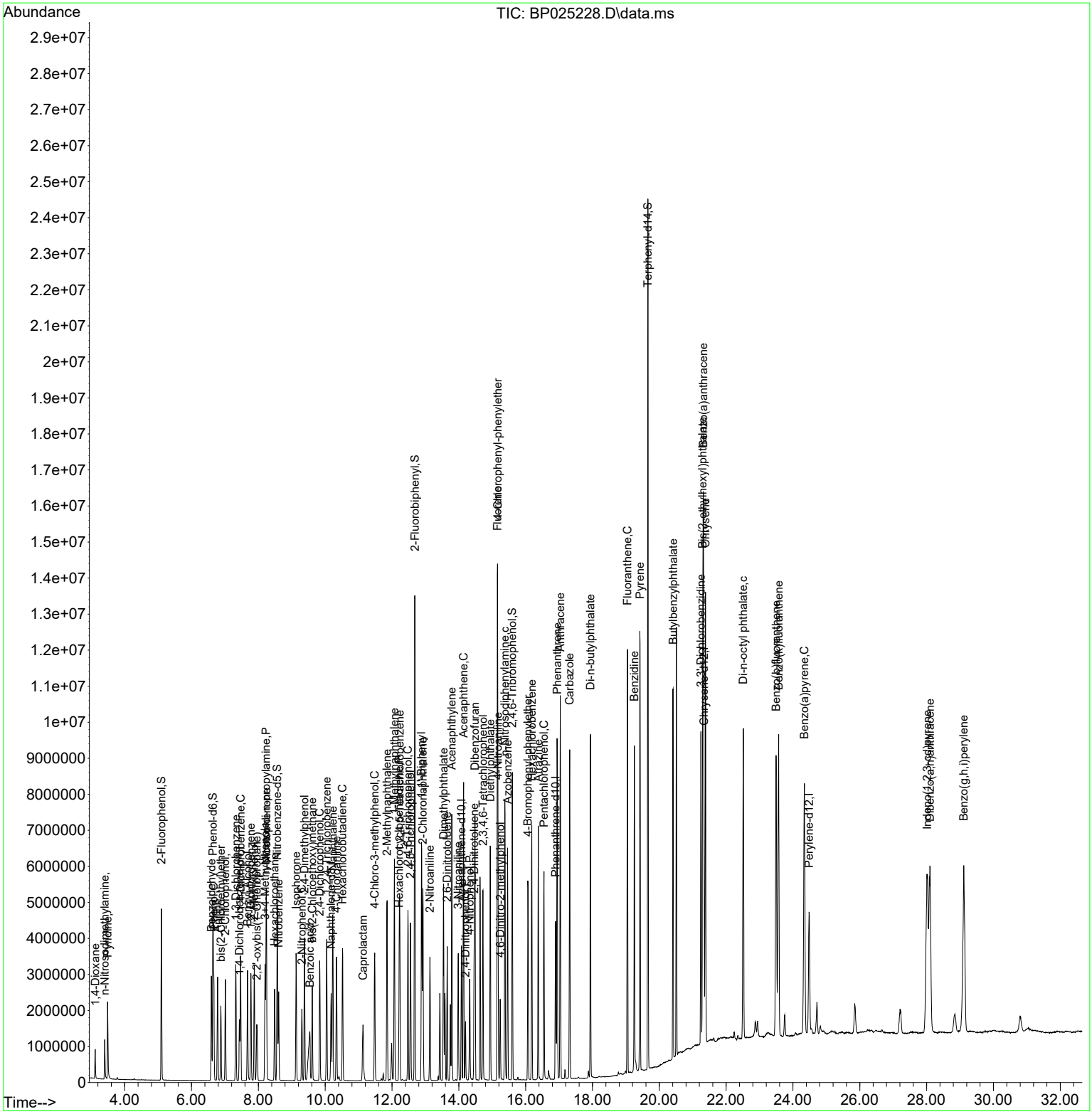
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Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

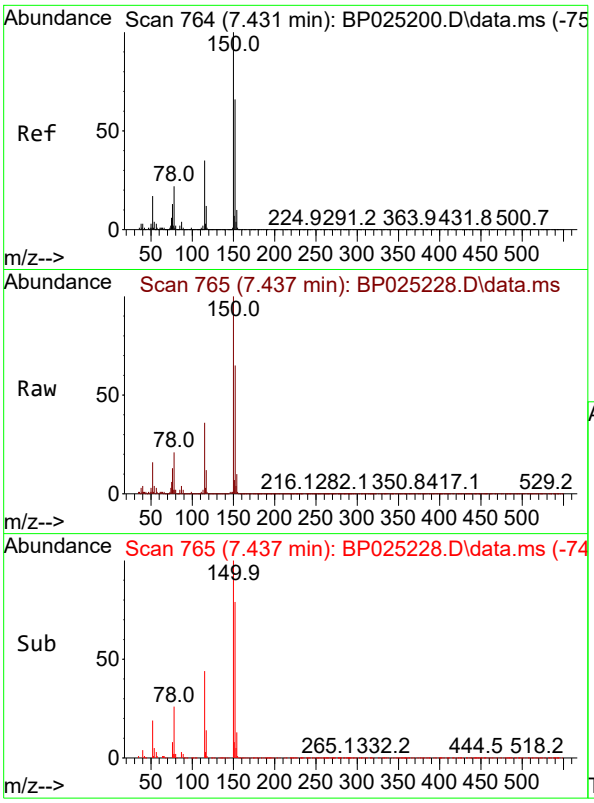
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
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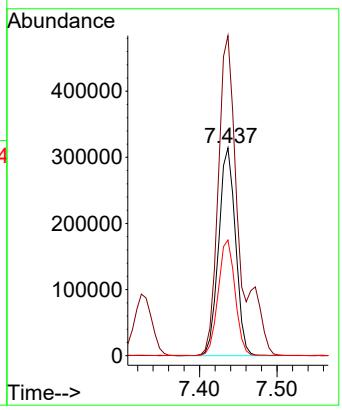




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:152 Resp: 47575

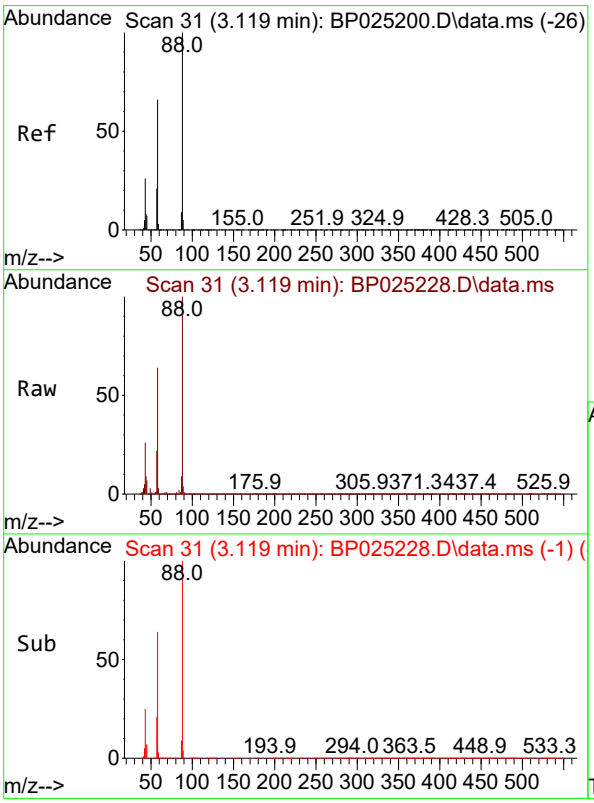
Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.9	182.9
115	55.7	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

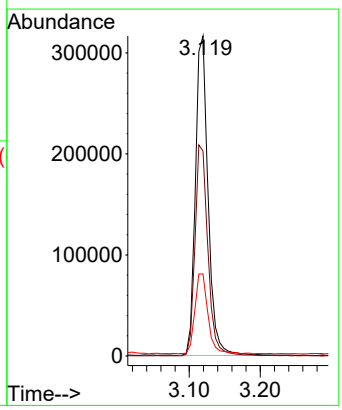
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

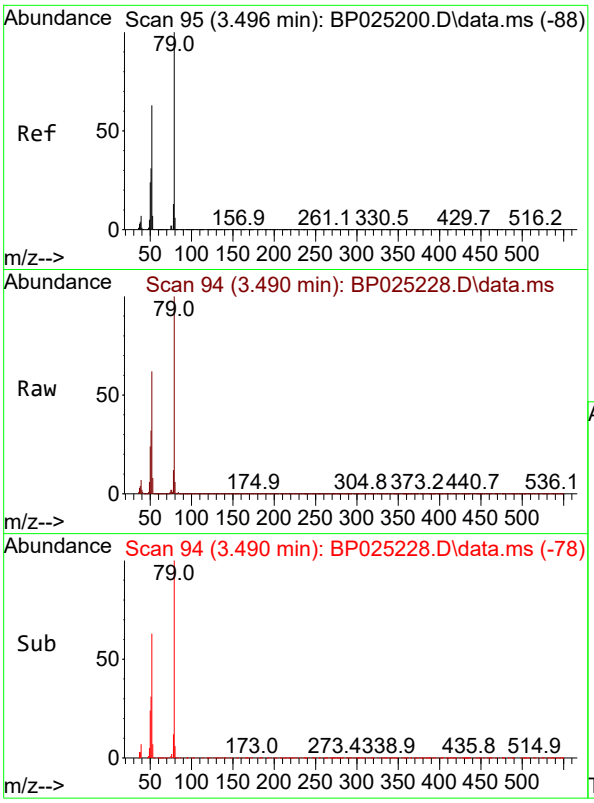


#2
1,4-Dioxane
Concen: 37.296 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 88 Resp: 393587

Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.5	80.3
43	25.7	20.8	31.2

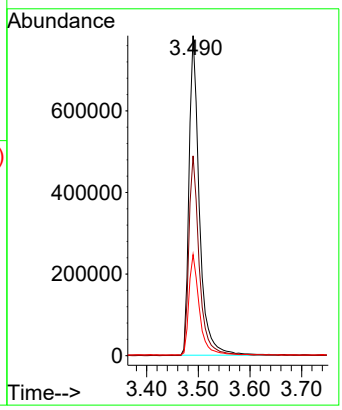




#3
Pyridine
Concen: 38.607 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 79 Resp: 109060

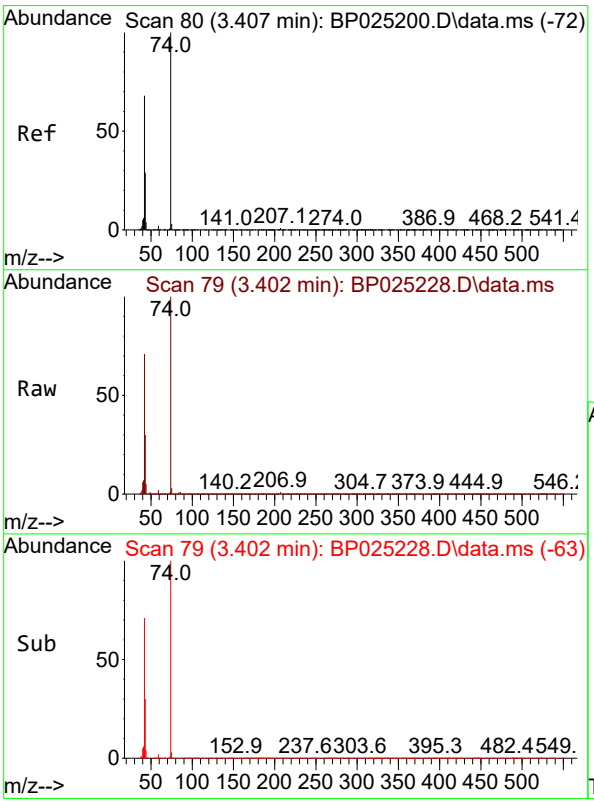
Ion	Ratio	Lower	Upper
79	100		
52	62.5	50.2	75.4
51	31.6	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

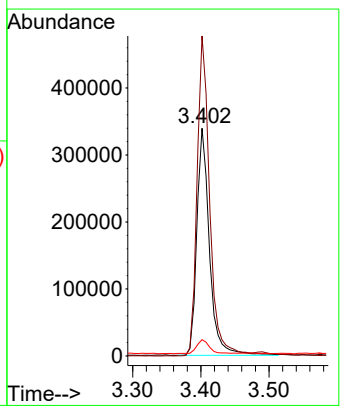
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

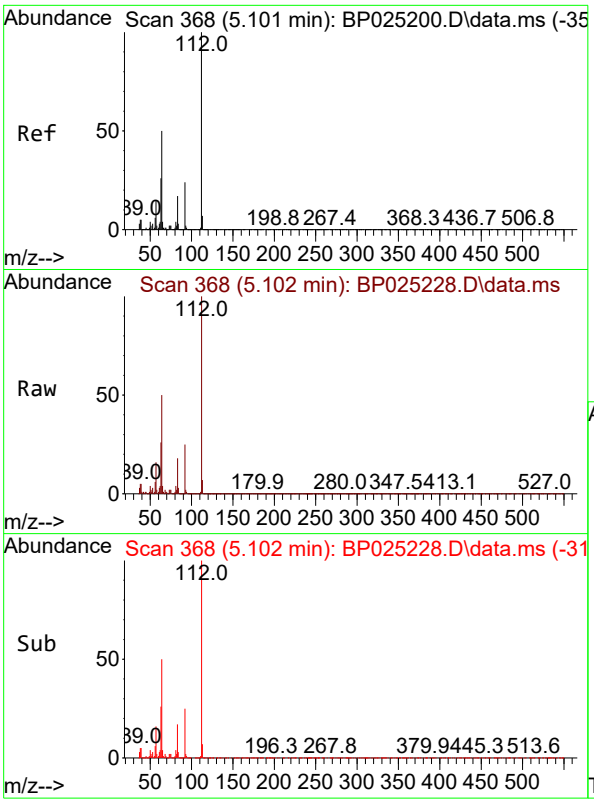


#4
n-Nitrosodimethylamine
Concen: 38.874 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 42 Resp: 435495

Ion	Ratio	Lower	Upper
42	100		
74	140.6	118.0	177.0
44	7.2	5.5	8.3

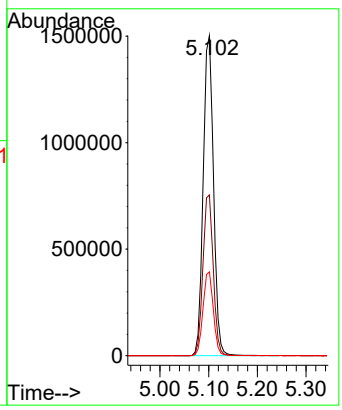




#5
2-Fluorophenol
Concen: 78.011 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:112 Resp: 219656

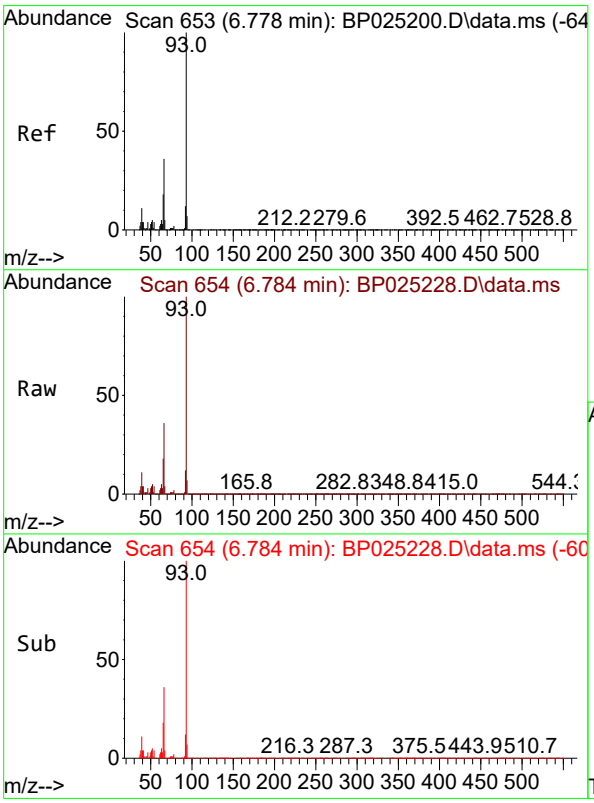
Ion	Ratio	Lower	Upper
112	100		
64	50.3	39.8	59.6
63	26.2	20.5	30.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

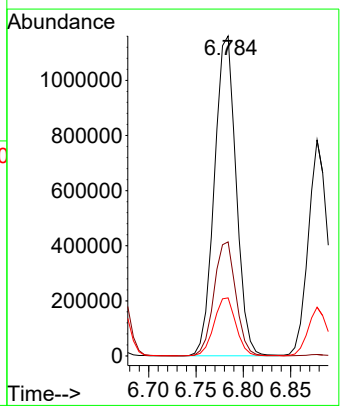
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

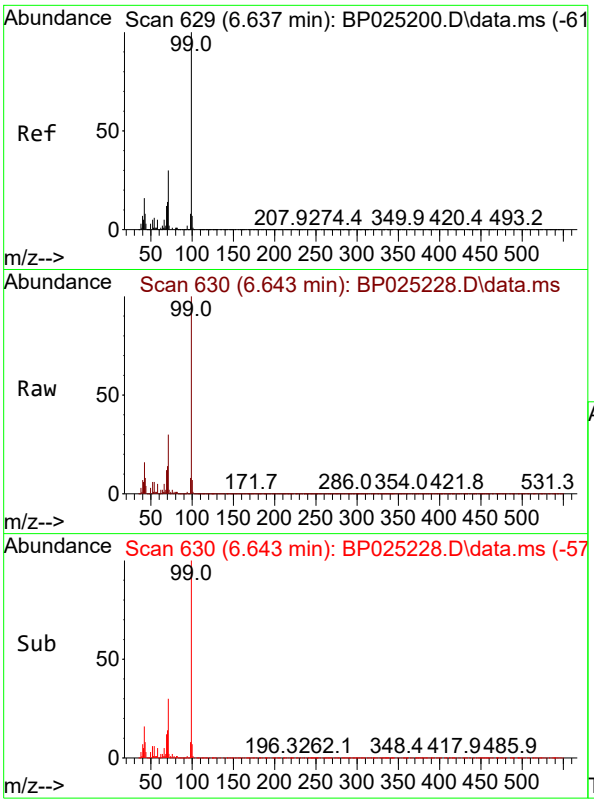


#6
Aniline
Concen: 40.638 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1852487

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.2	14.6	21.8

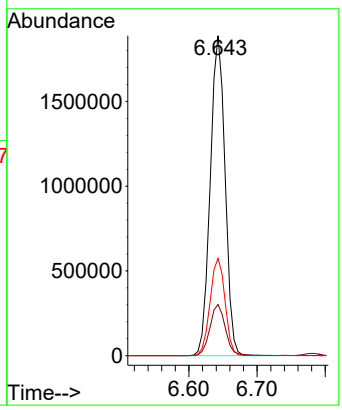




#7
Phenol-d6
Concen: 82.039 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 99 Resp: 286102

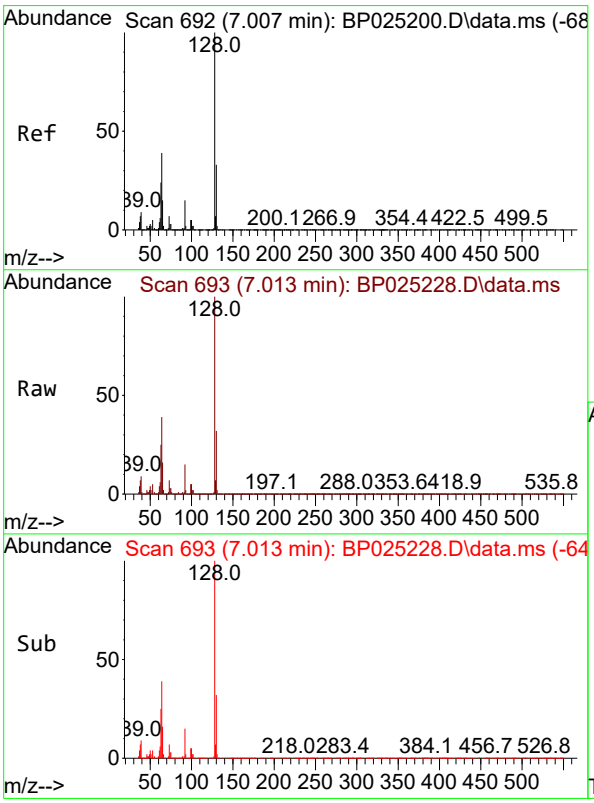
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	30.4	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

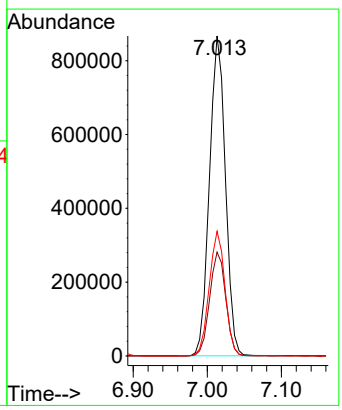
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

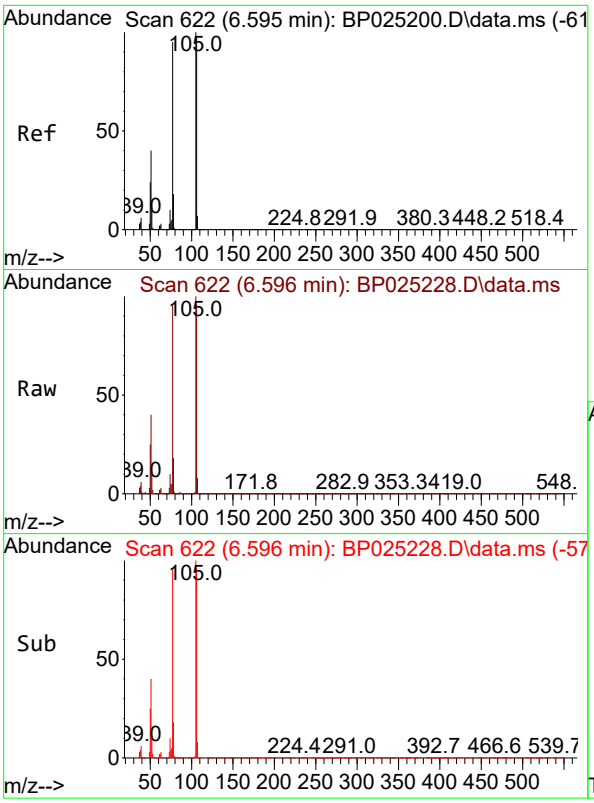


#8
2-Chlorophenol
Concen: 40.576 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:128 Resp: 1296331

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	38.9	19.2	59.2

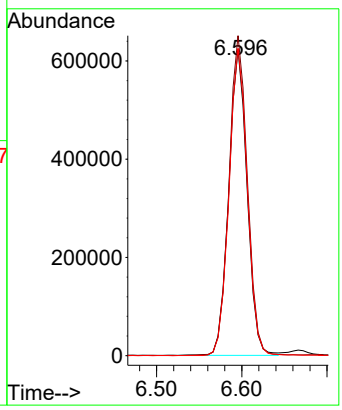




#9
Benzaldehyde
Concen: 39.343 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 93025

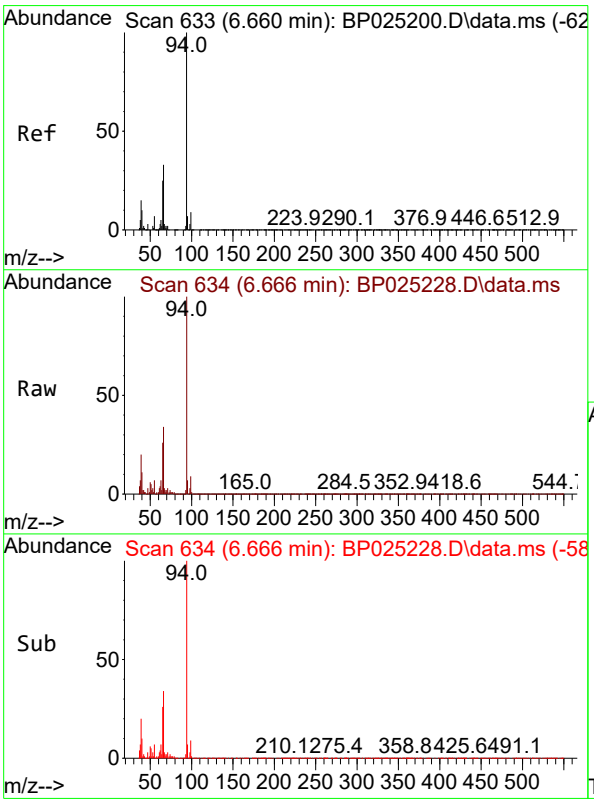
Ion	Ratio	Lower	Upper
77	100		
105	104.5	85.5	125.5
106	100.4	81.9	121.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

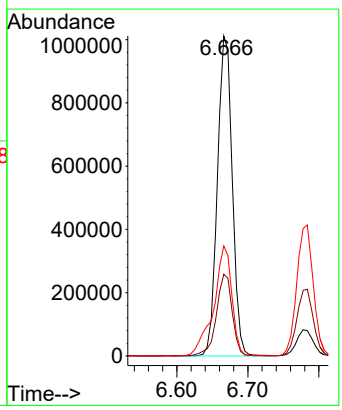
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

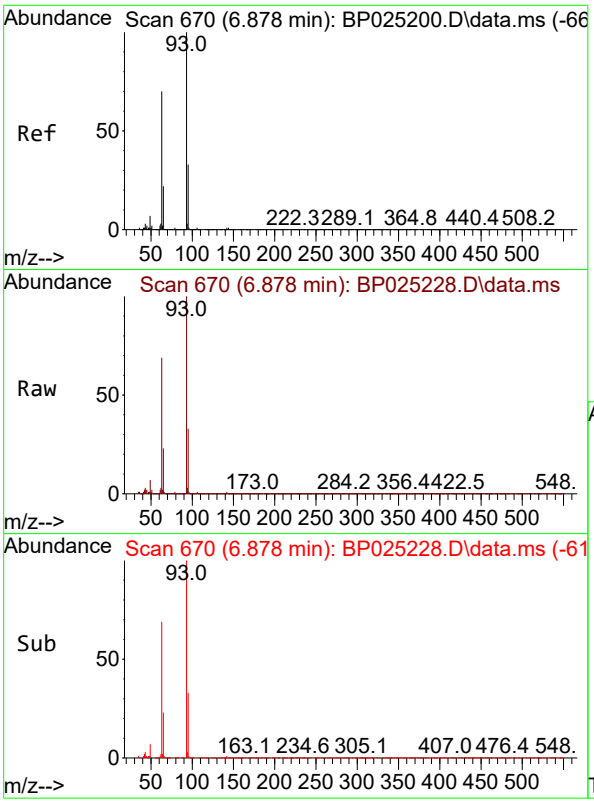


#10
Phenol
Concen: 40.566 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 94 Resp: 1467116

Ion	Ratio	Lower	Upper
94	100		
65	25.5	5.4	45.4
66	34.4	13.5	53.5

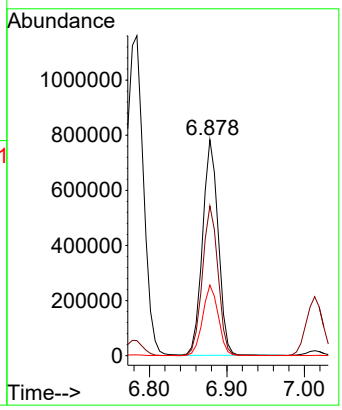




#11
bis(2-Chloroethyl)ether
Concen: 39.793 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 110335

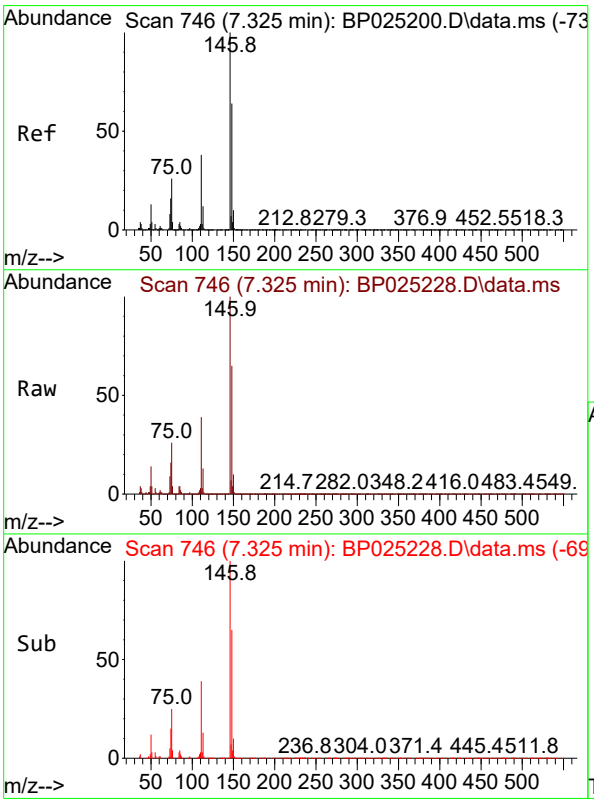
Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.0	90.0
95	32.7	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

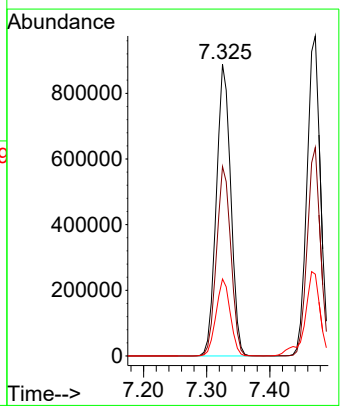
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

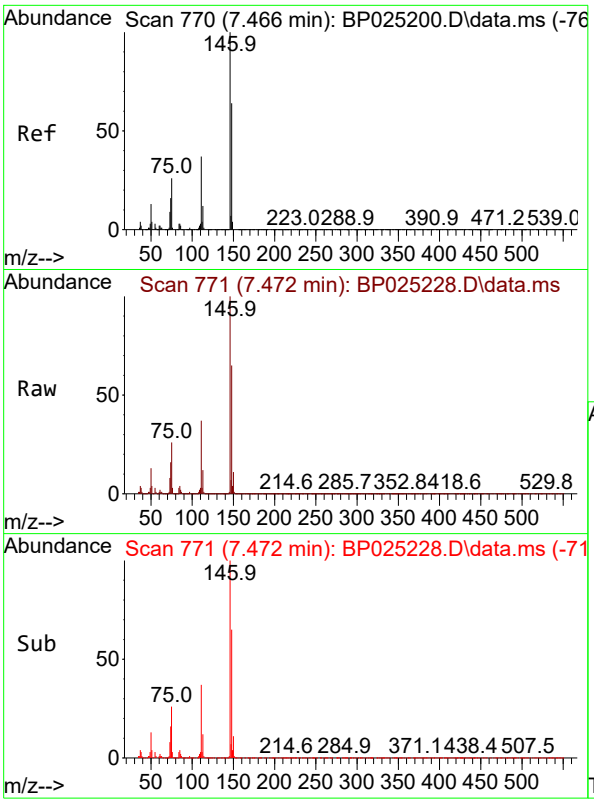


#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1409952

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	26.4	20.6	31.0

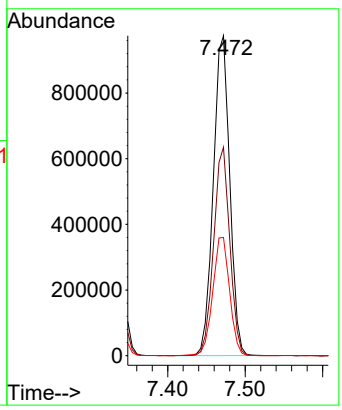




#13
1,4-Dichlorobenzene
Concen: 39.521 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 143228

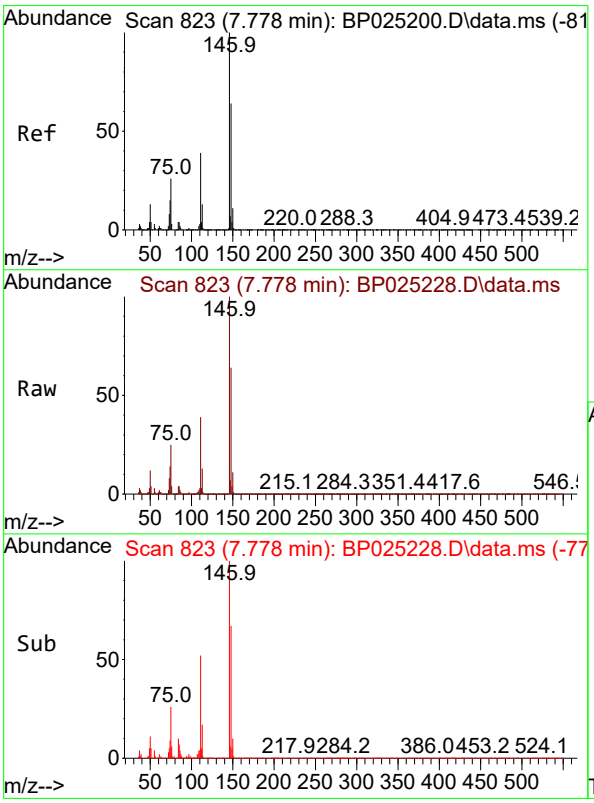
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
111	37.0	29.9	44.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

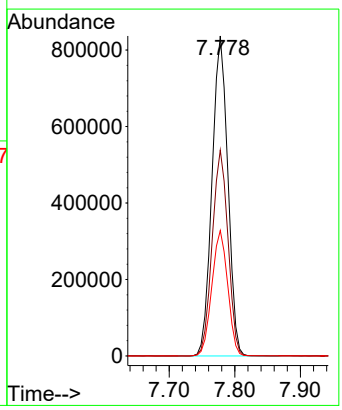
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

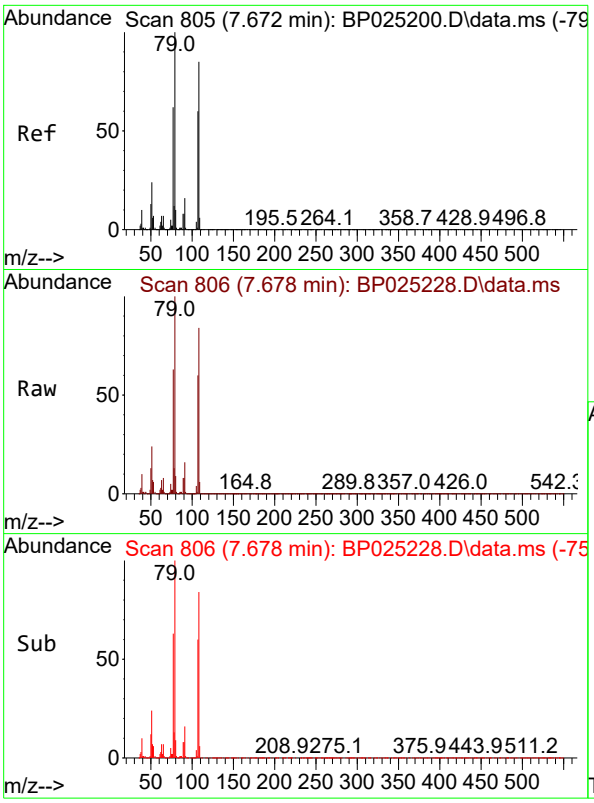


#14
1,2-Dichlorobenzene
Concen: 40.064 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1397689

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	39.2	31.3	46.9





#15
Benzyl Alcohol
Concen: 41.459 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

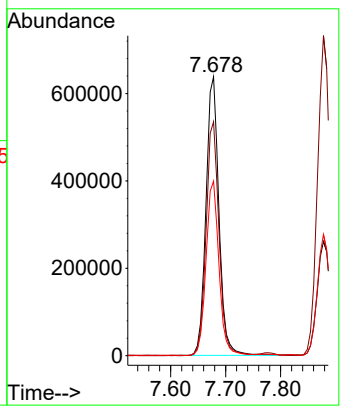
Tgt Ion: 79 Resp: 104291

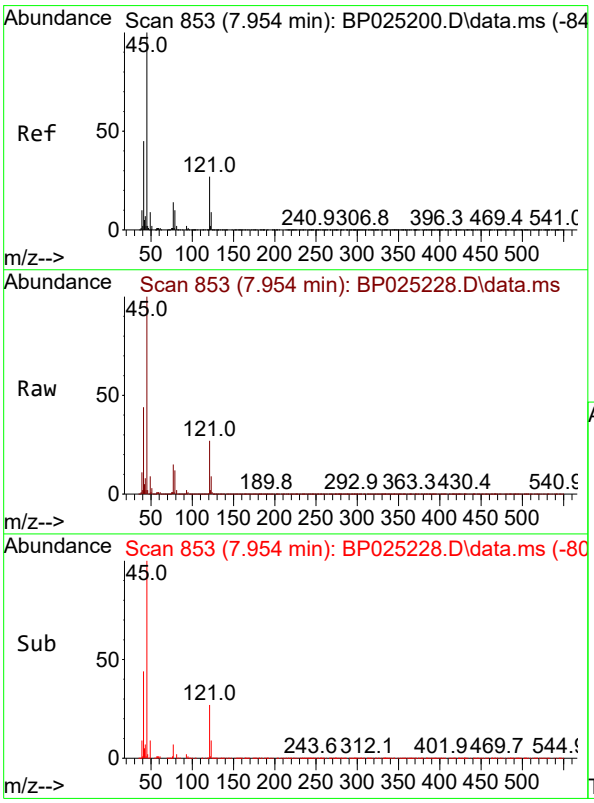
Ion	Ratio	Lower	Upper
79	100		
108	83.9	67.8	101.6
77	62.6	49.9	74.9

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

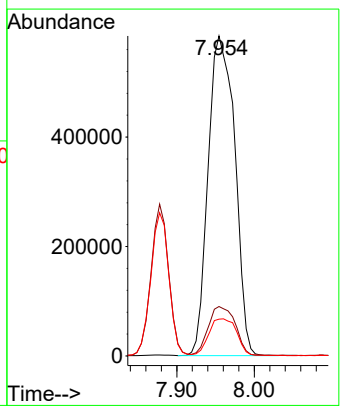


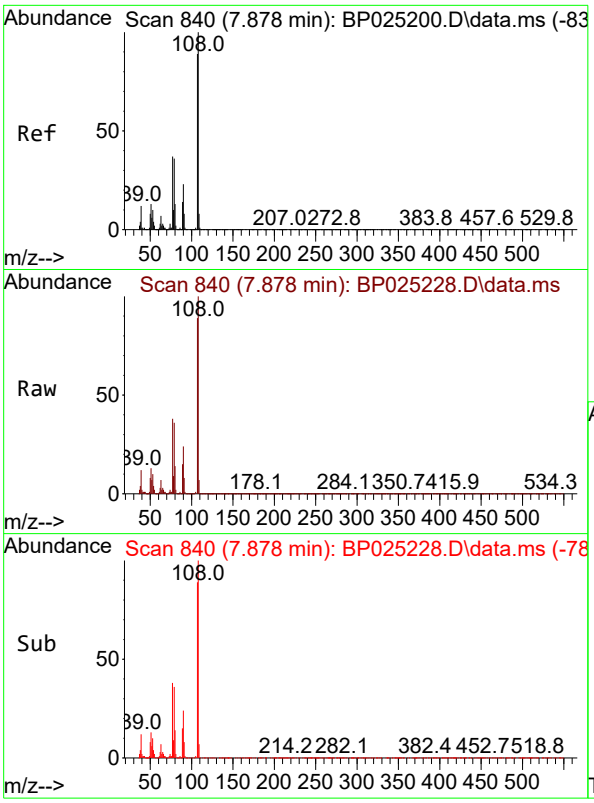


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.458 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 45 Resp: 1399883

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	36.0
79	11.5	0.0	31.7

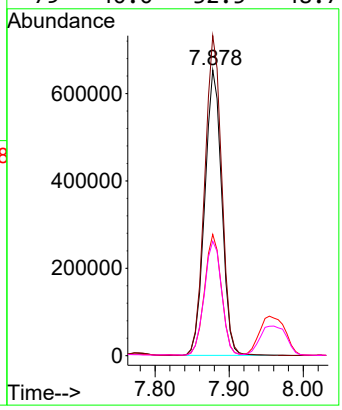




#17
2-Methylphenol
Concen: 41.350 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 103679

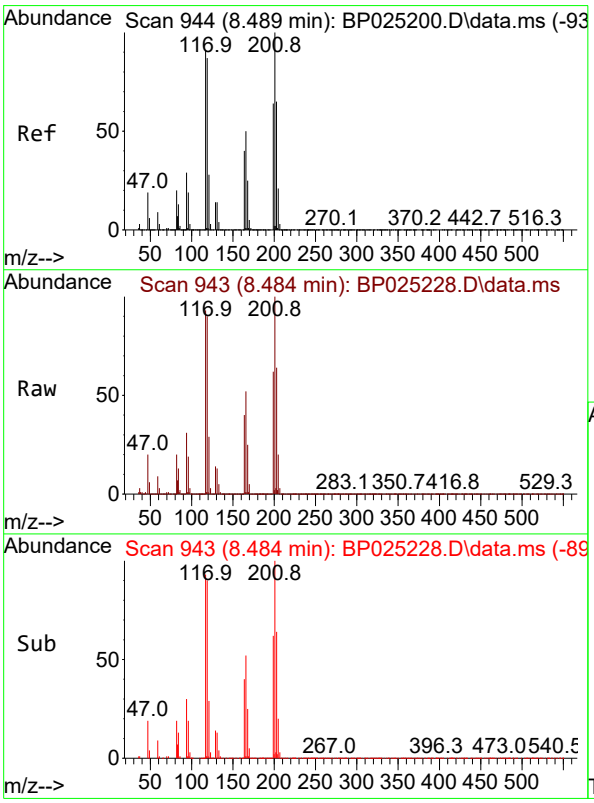
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.8	134.8
77	42.4	33.2	49.8
79	40.0	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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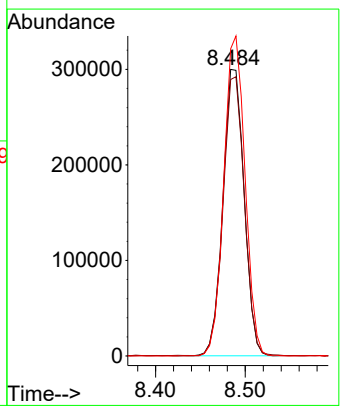
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

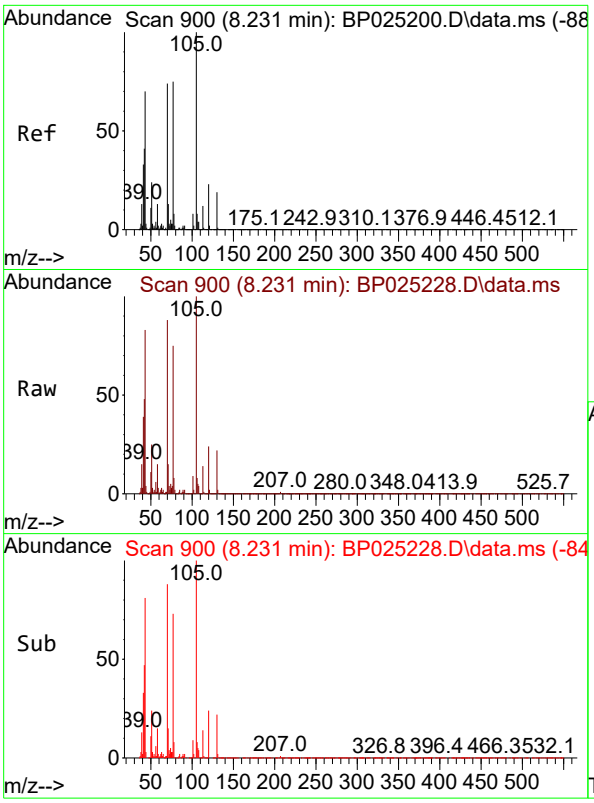


#18
Hexachloroethane
Concen: 39.573 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:117 Resp: 493527

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.6
201	107.2	88.3	132.5

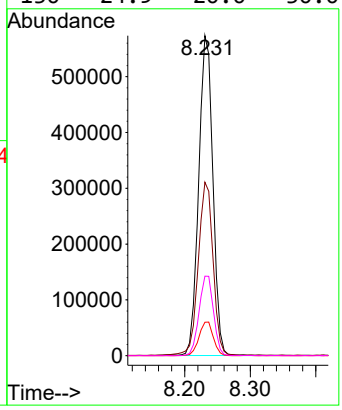




#19
n-Nitroso-di-n-propylamine
Concen: 41.082 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 70 Resp: 86189

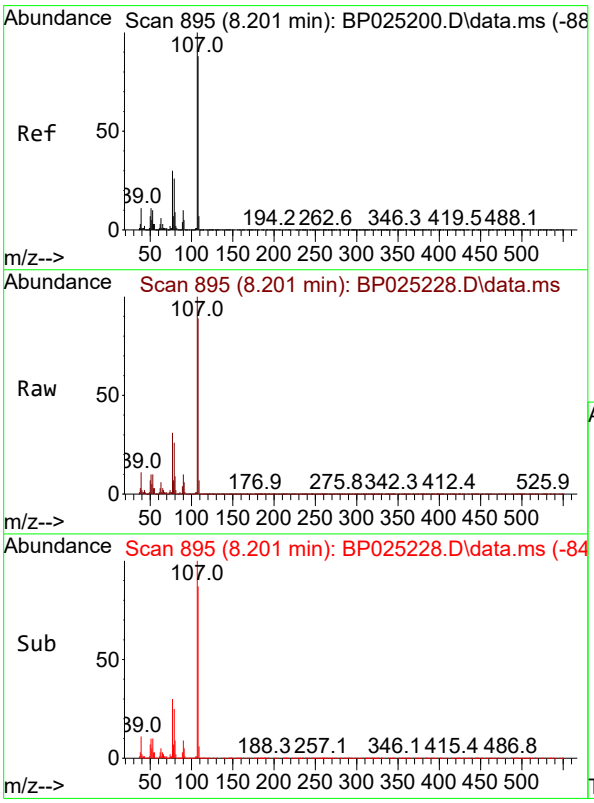
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.2	66.2
101	10.4	8.6	12.8
130	24.9	20.0	30.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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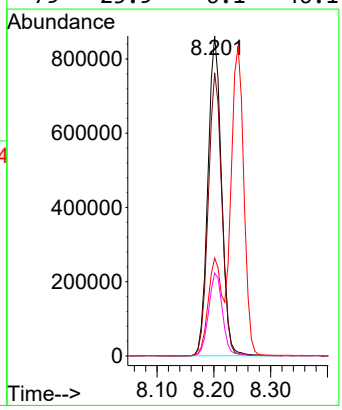
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

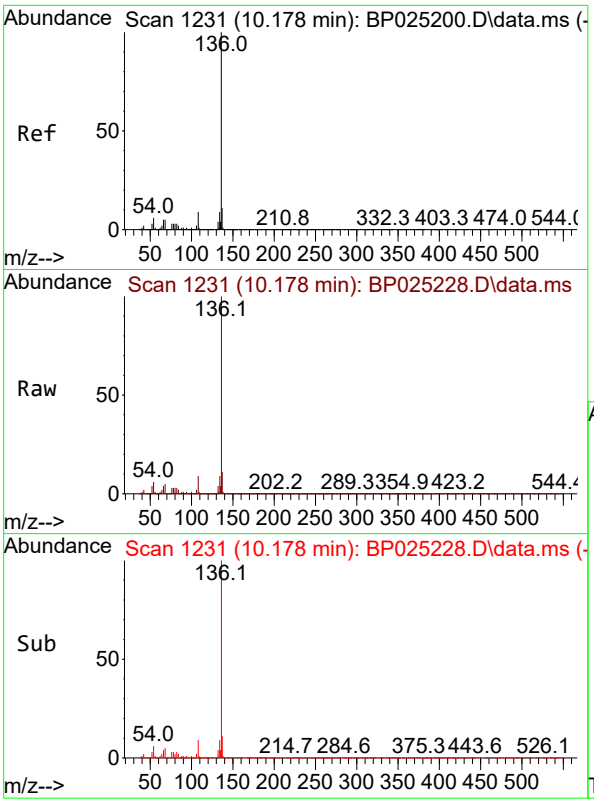


#20
3+4-Methylphenols
Concen: 41.751 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1427970

Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.8	107.8
77	30.6	10.3	50.3
79	25.9	6.1	46.1

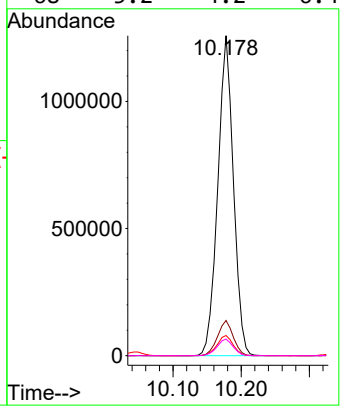




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:136 Resp: 201039

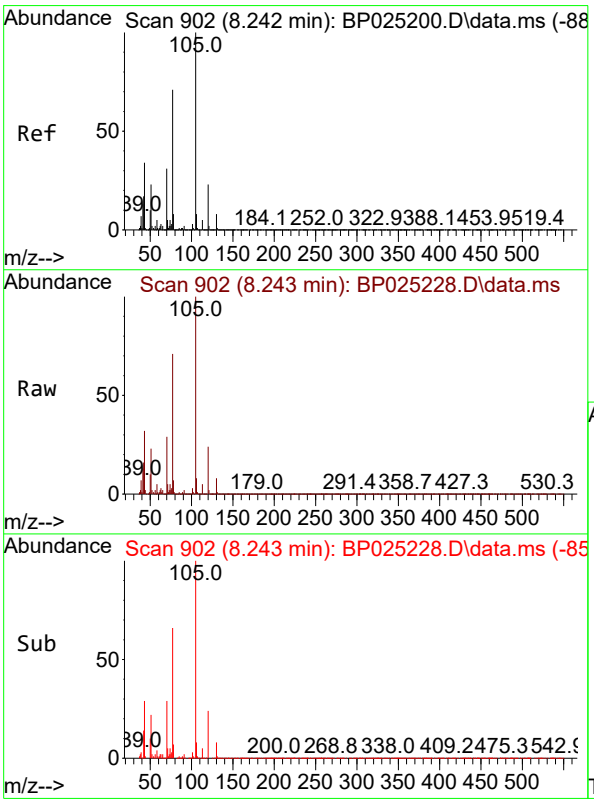
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.3	5.1	7.7
68	5.2	4.2	6.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

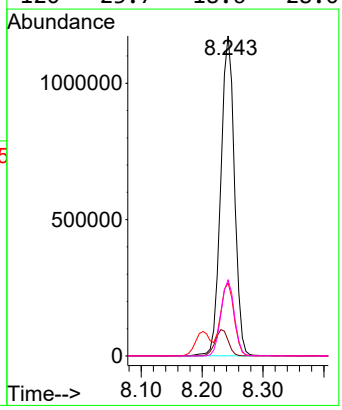
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

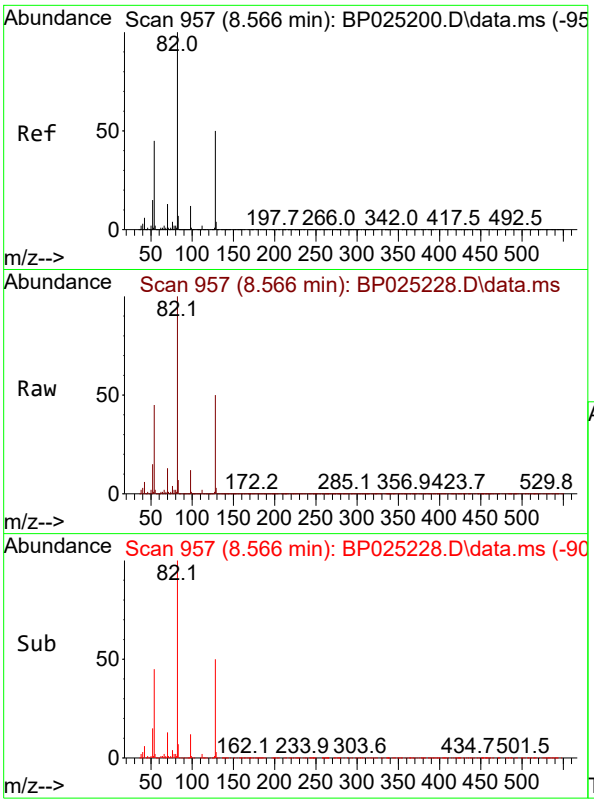


#22
Acetophenone
Concen: 39.161 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:105 Resp: 1831992

Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.1	6.1
51	22.8	18.5	27.7
120	23.7	18.6	28.0

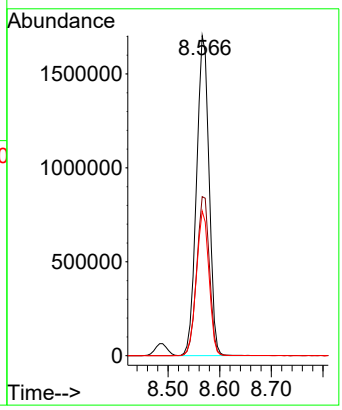




#23
Nitrobenzene-d5
Concen: 79.438 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 82 Resp: 287370

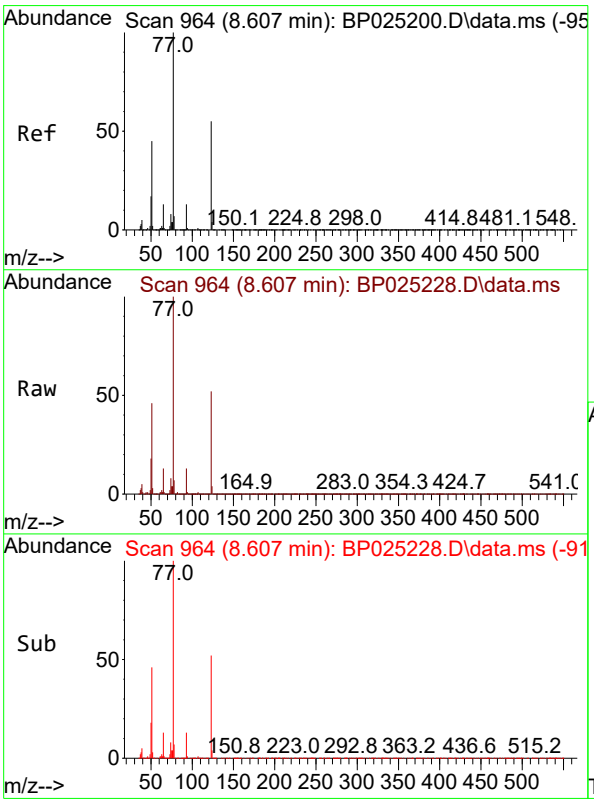
Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.2	60.4
54	45.2	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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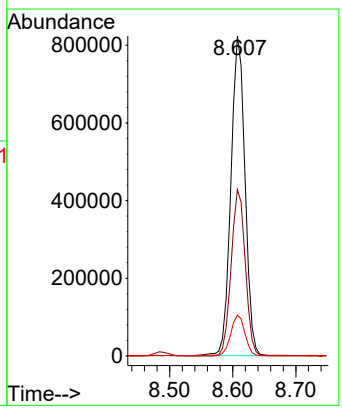
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

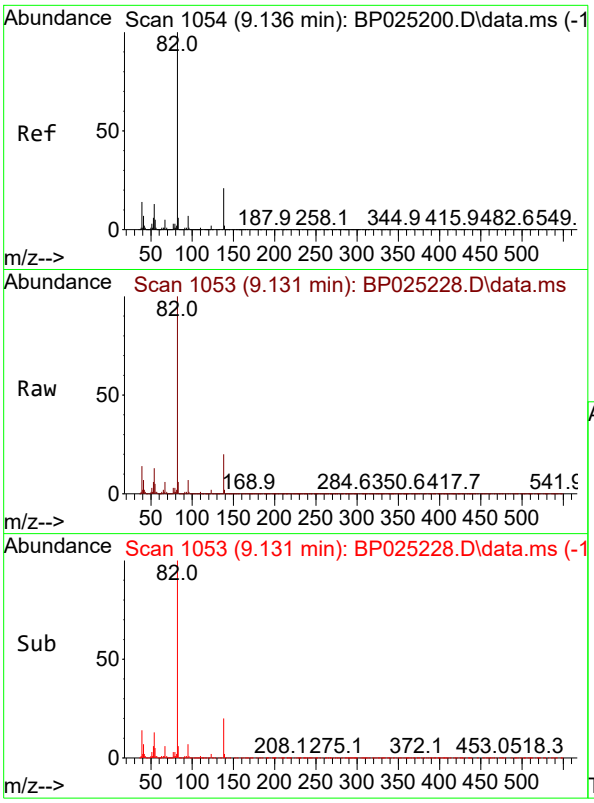


#24
Nitrobenzene
Concen: 39.614 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 1277454

Ion	Ratio	Lower	Upper
77	100		
123	52.0	43.6	65.4
65	12.7	10.2	15.2

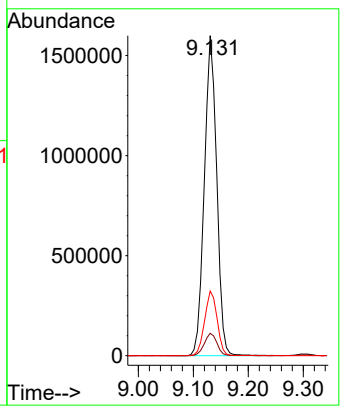




#25
Isophorone
Concen: 39.287 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 82 Resp: 249930

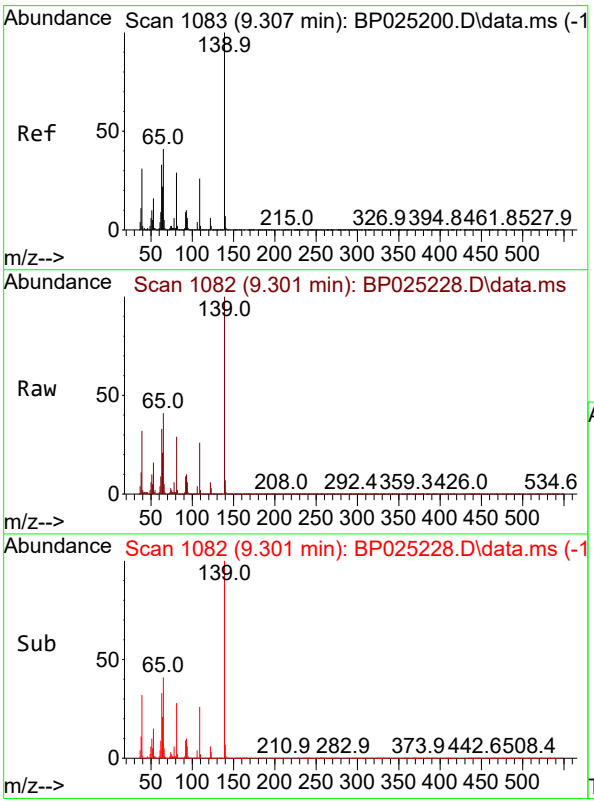
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.2	16.6	25.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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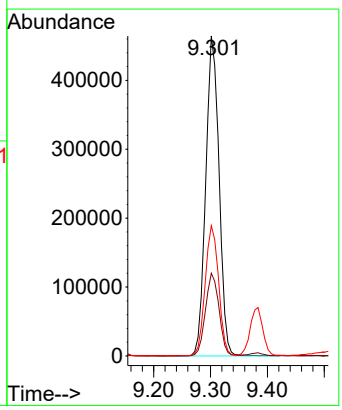
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

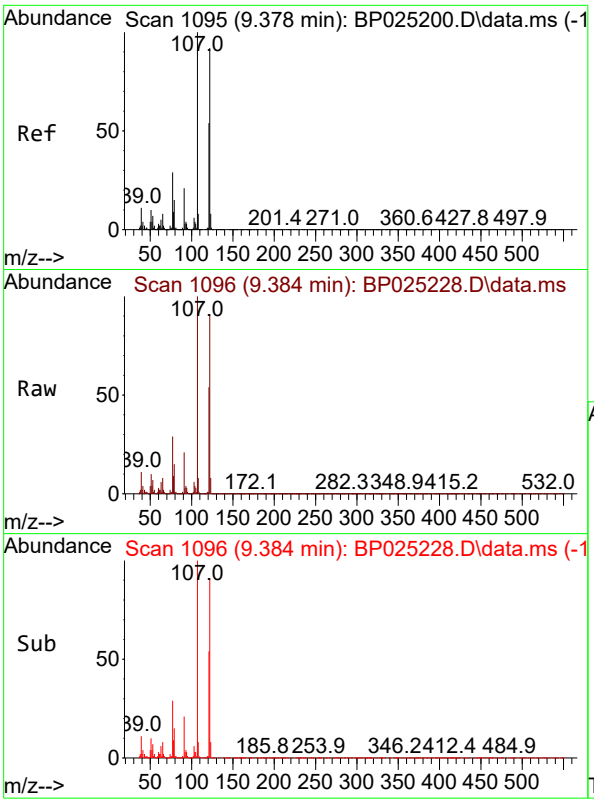


#26
2-Nitrophenol
Concen: 40.747 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 754572

Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.0	31.6
65	40.7	32.7	49.1

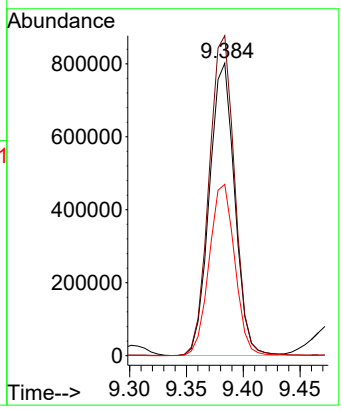




#27
2,4-Dimethylphenol
Concen: 40.112 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:122 Resp: 124295

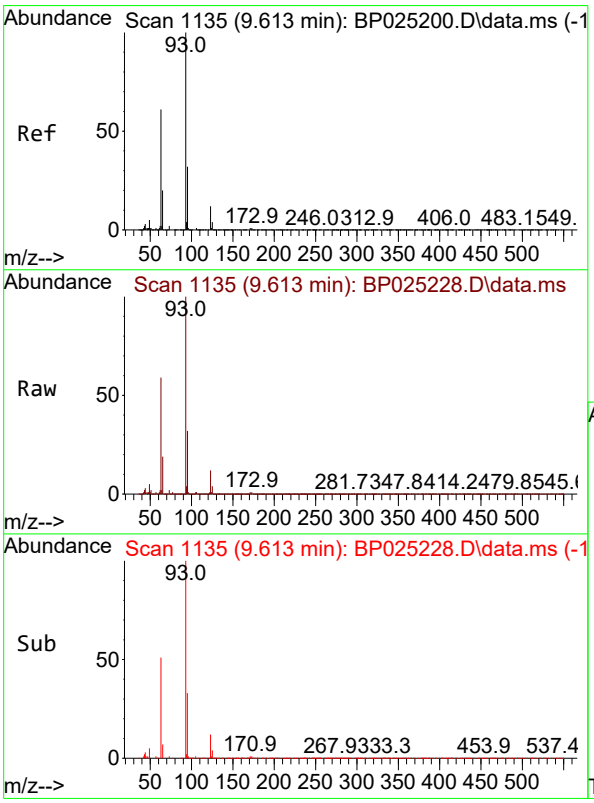
Ion	Ratio	Lower	Upper
122	100		
107	109.4	87.0	130.4
121	58.6	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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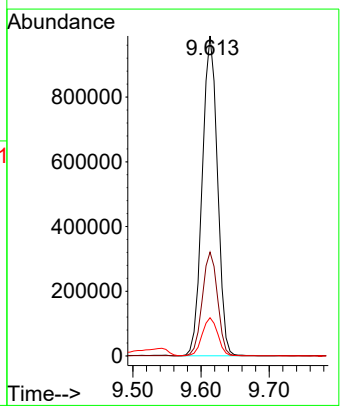
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

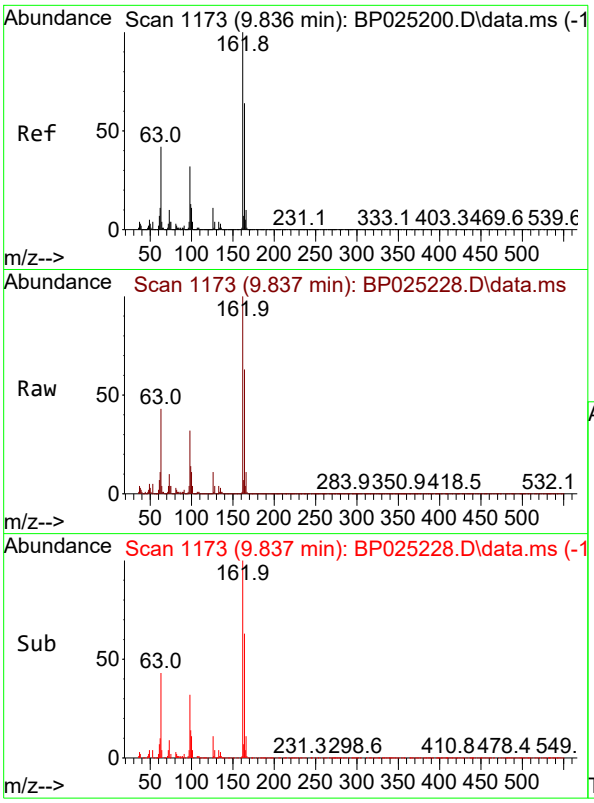


#28
bis(2-Chloroethoxy)methane
Concen: 38.637 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1537420

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	12.0	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 40.880 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

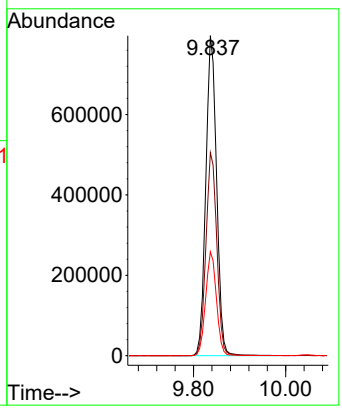
Tgt Ion:162 Resp: 130141

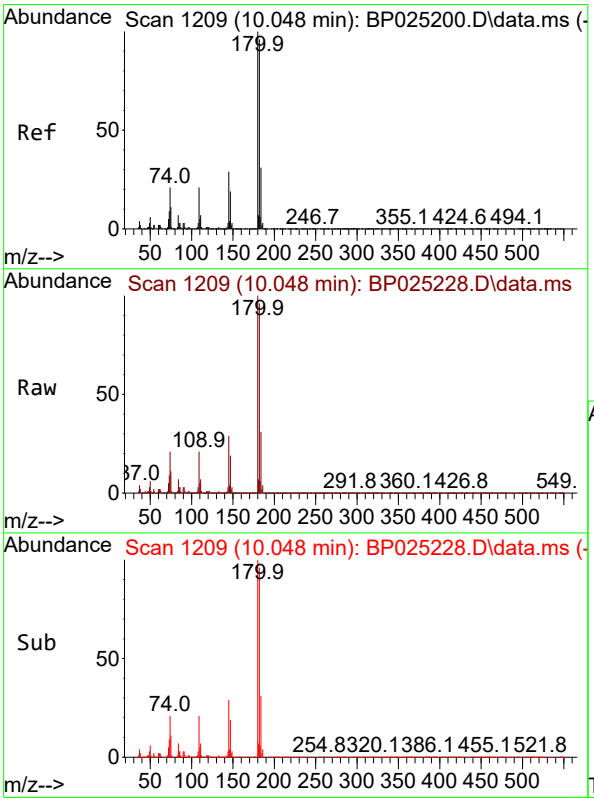
Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.2	84.2
98	32.5	11.7	51.7

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

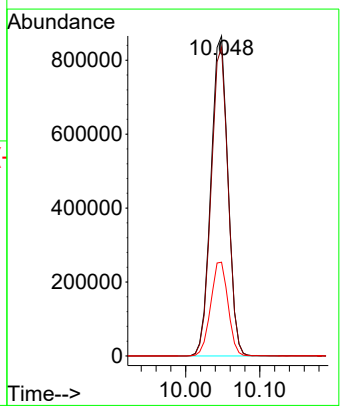


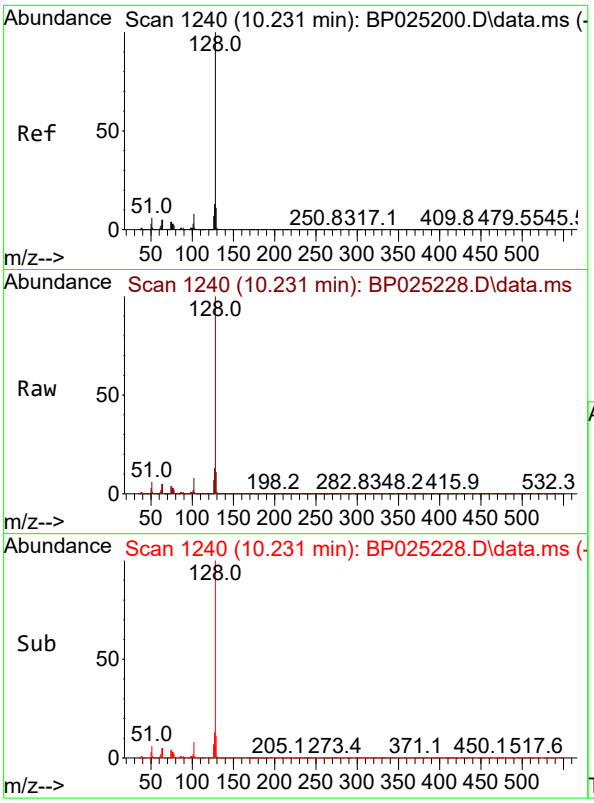


#30
1,2,4-Trichlorobenzene
Concen: 39.627 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:180 Resp: 1377874

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.7	115.1
145	29.3	23.5	35.3

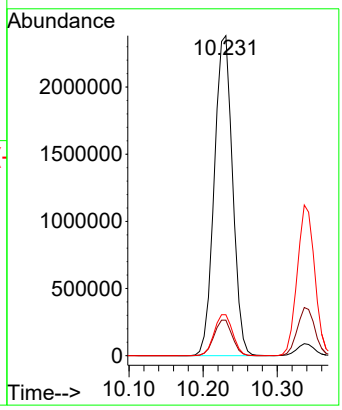




#31
Naphthalene
Concen: 39.644 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:128 Resp: 407835

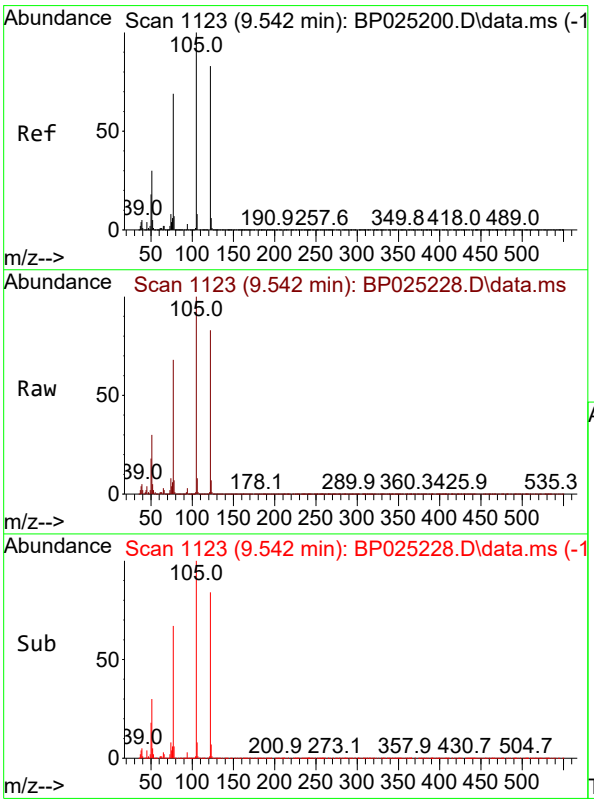
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.8	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

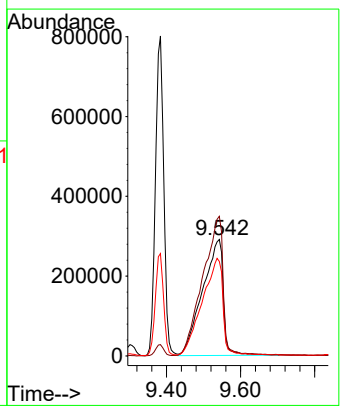
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

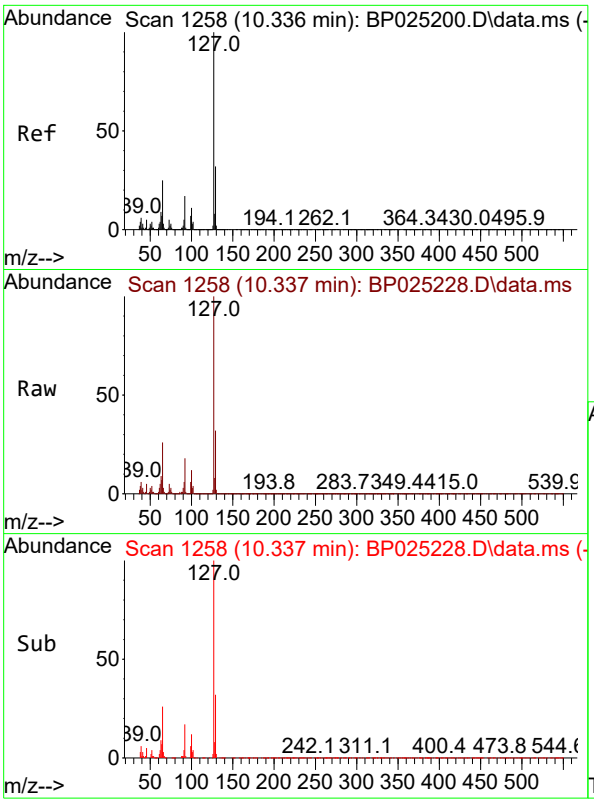


#32
Benzoic acid
Concen: 47.799 ng
RT: 9.542 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:122 Resp: 1130735

Ion	Ratio	Lower	Upper
122	100		
105	119.9	98.1	138.1
77	81.1	62.7	102.7

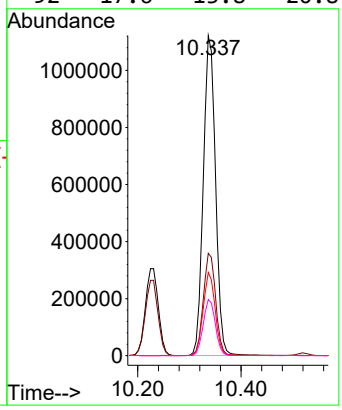




#33
4-Chloroaniline
Concen: 40.762 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:127 Resp: 184329

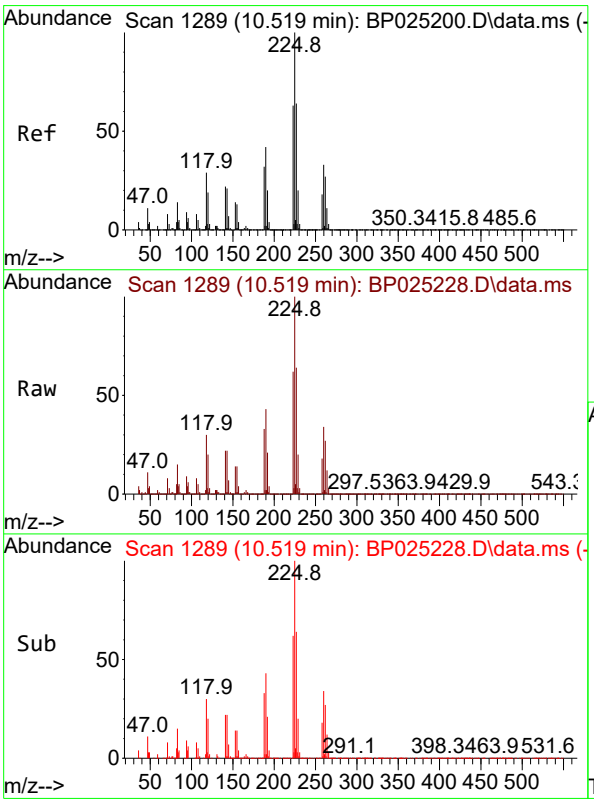
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.0	20.2	30.4
92	17.6	13.8	20.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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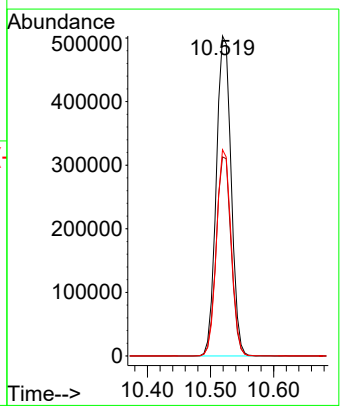
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

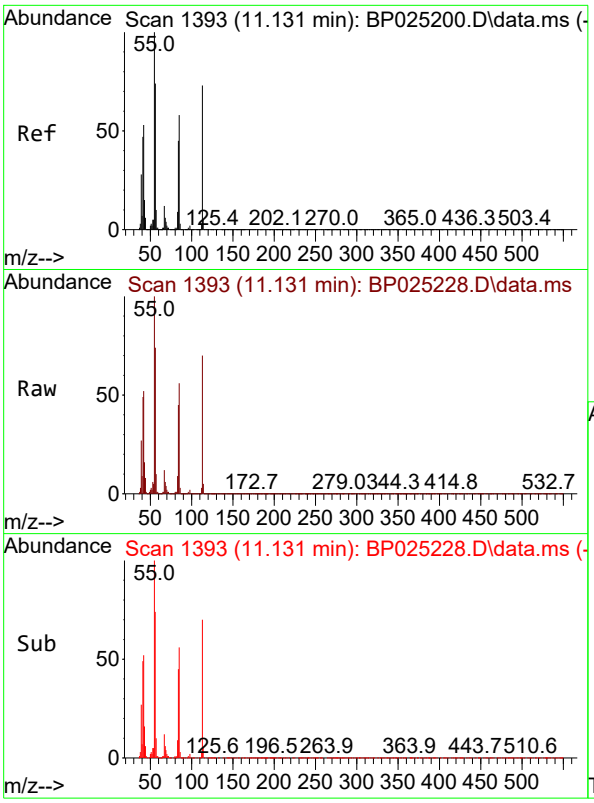


#34
Hexachlorobutadiene
Concen: 39.183 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:225 Resp: 820021

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	64.4	51.4	77.0

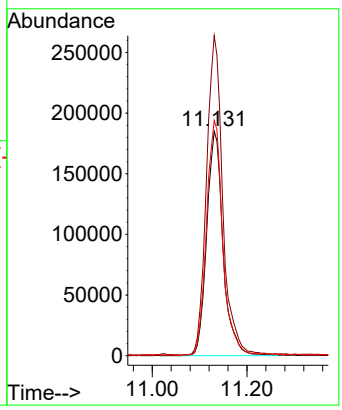




#35
Caprolactam
Concen: 41.859 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:113 Resp: 44226

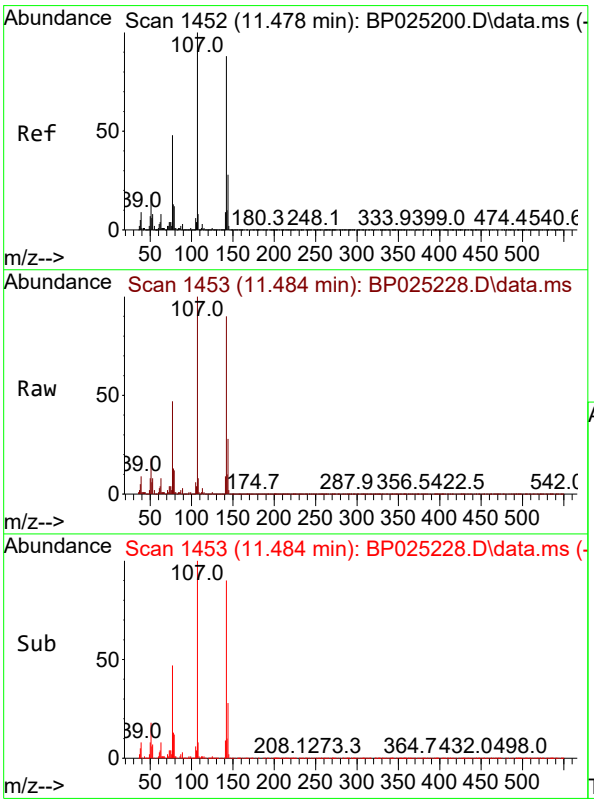
Ion	Ratio	Lower	Upper
113	100		
55	142.6	117.6	157.6
56	104.8	82.4	122.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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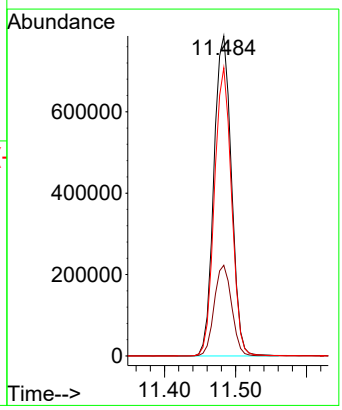
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

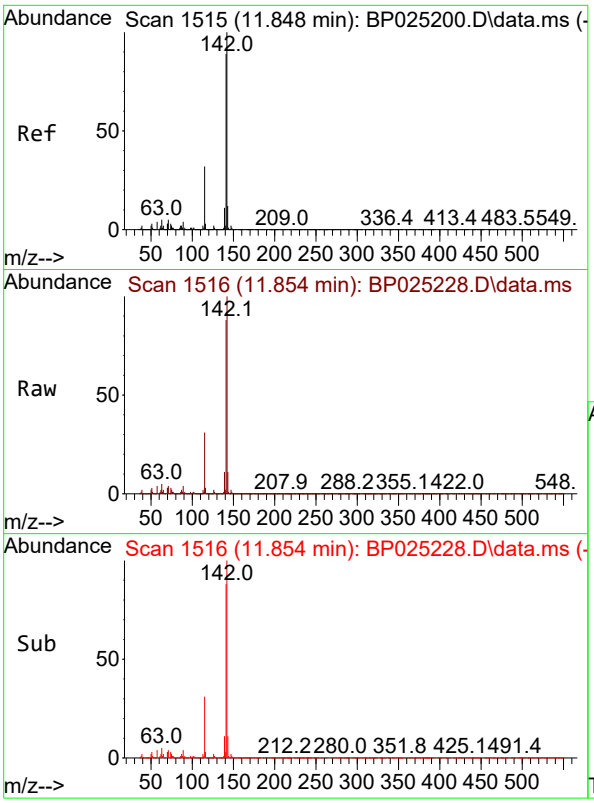


#36
4-Chloro-3-methylphenol
Concen: 42.212 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1343300

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.5	33.7
142	90.0	70.6	105.8

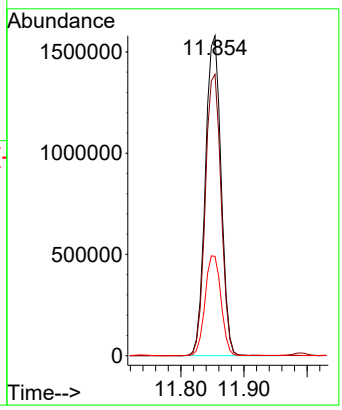




#37
2-Methylnaphthalene
Concen: 40.859 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:142 Resp: 272944

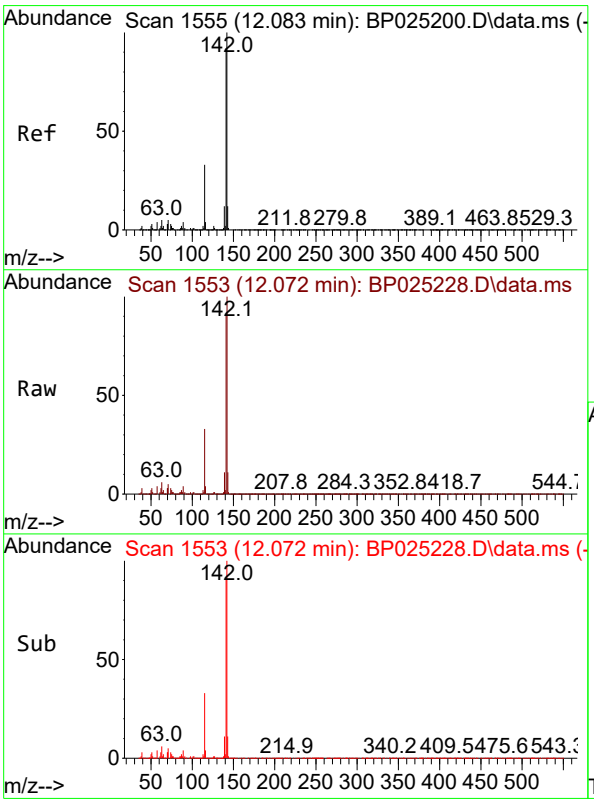
Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8
115	31.0	25.3	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

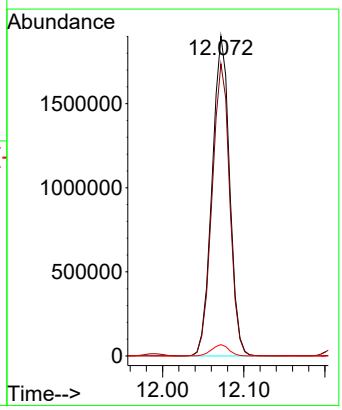
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

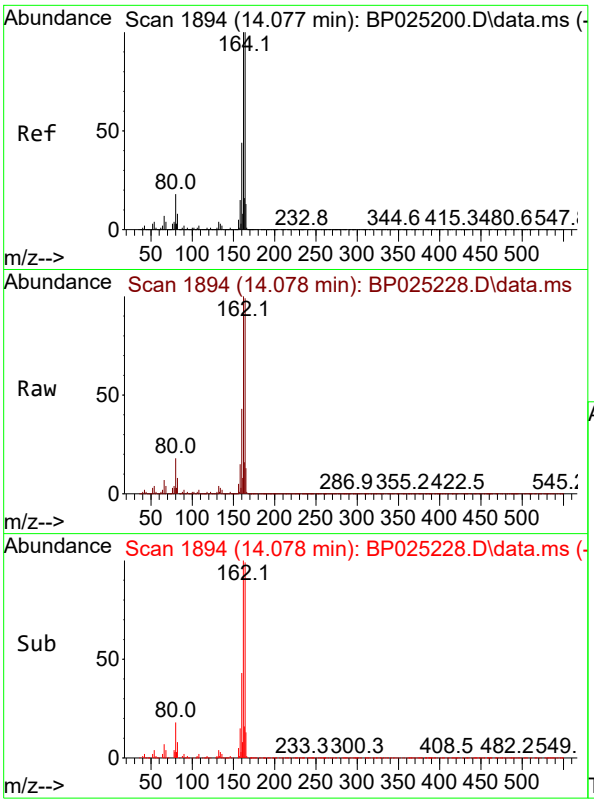


#38
1-Methylnaphthalene
Concen: 40.612 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:142 Resp: 2849738

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.5	2.8	4.2

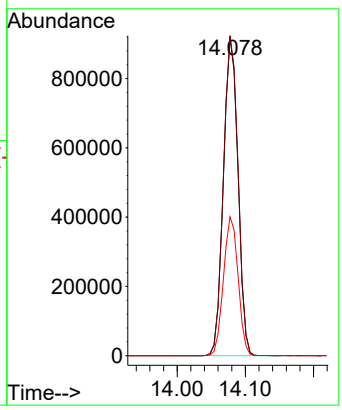




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:164 Resp: 136305

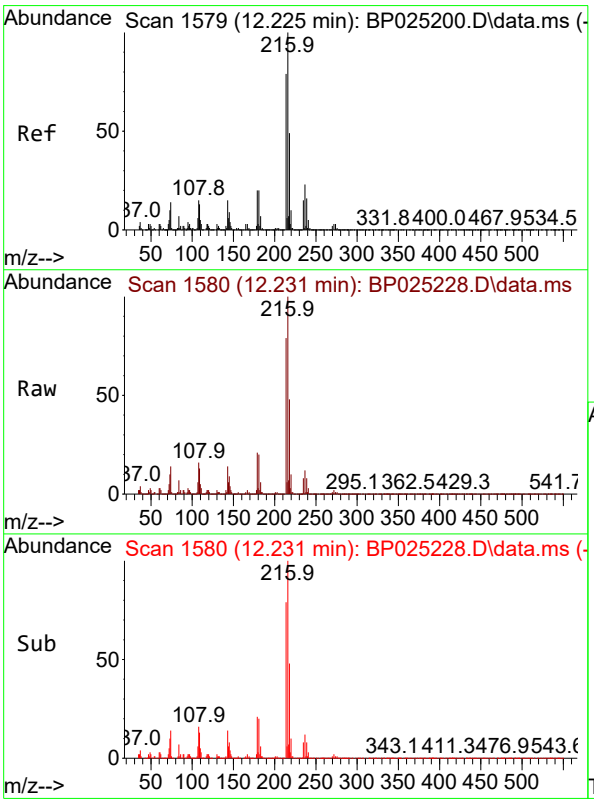
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	43.7	35.7	53.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

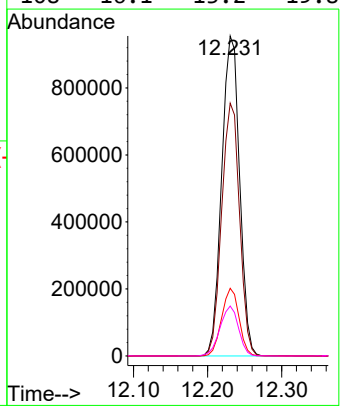
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

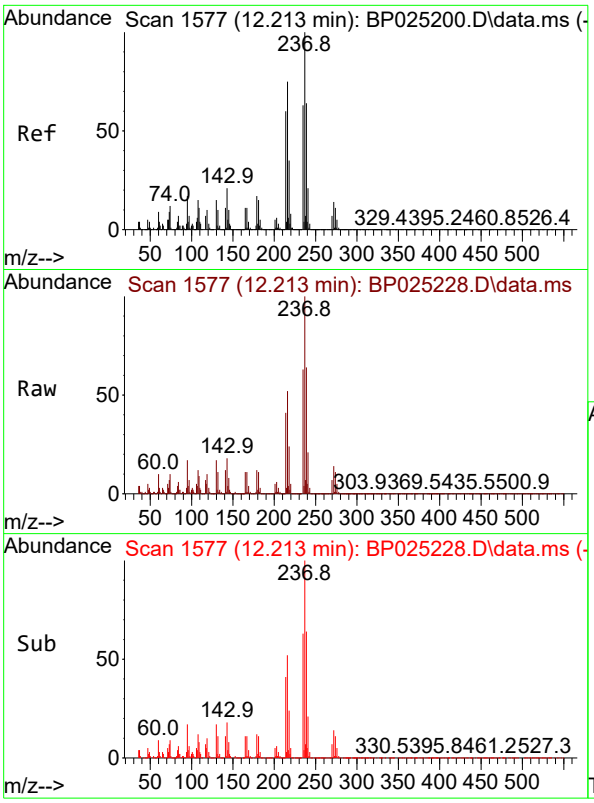


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.246 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:216 Resp: 1603484

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.7	94.1
179	20.5	16.2	24.4
108	16.1	13.2	19.8





#41
Hexachlorocyclopentadiene
Concen: 28.144 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

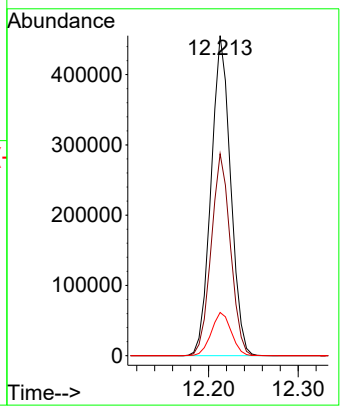
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

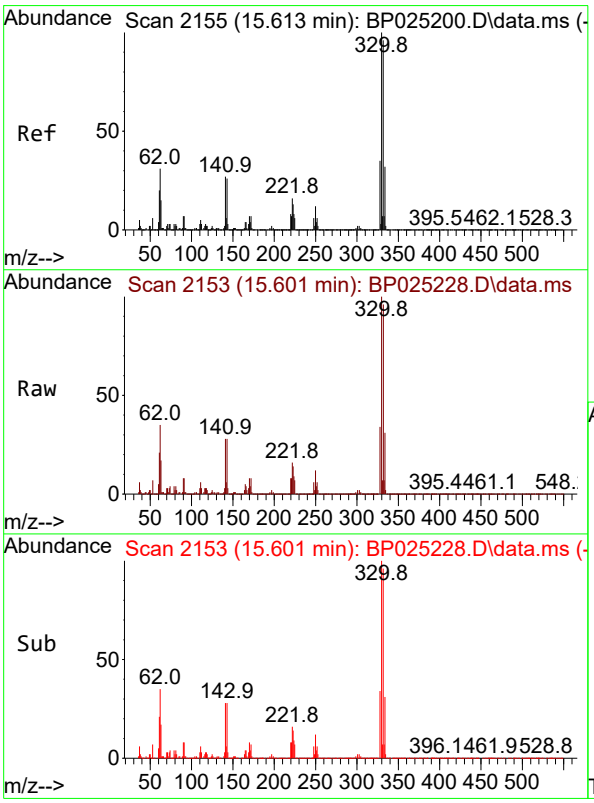
Tgt Ion:237 Resp: 68643

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.7	82.7
272	13.5	0.0	33.6

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

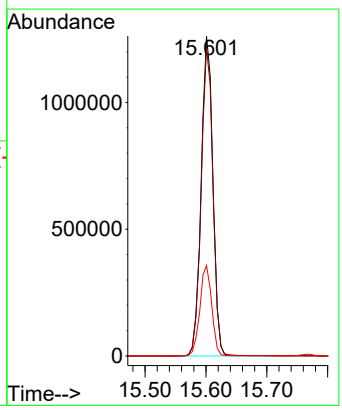


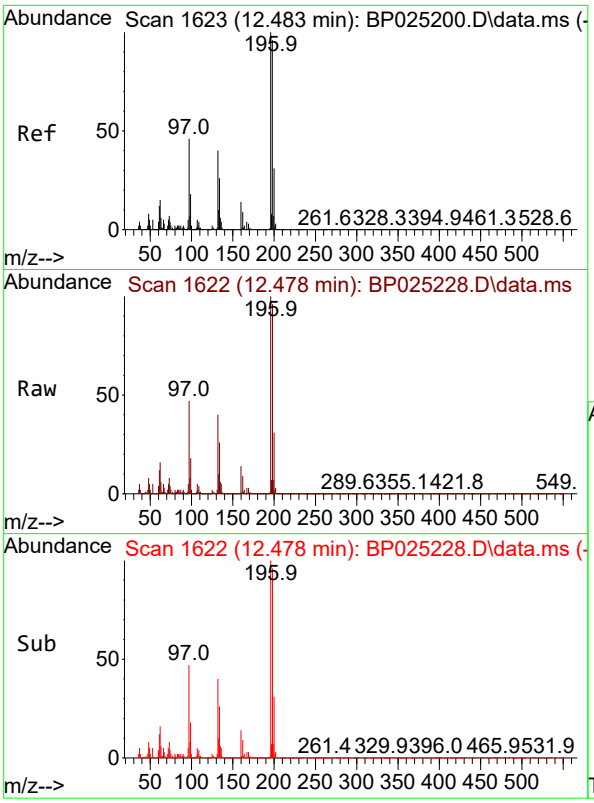


#42
2,4,6-Tribromophenol
Concen: 84.128 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:330 Resp: 1690516

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.4	22.4	33.6

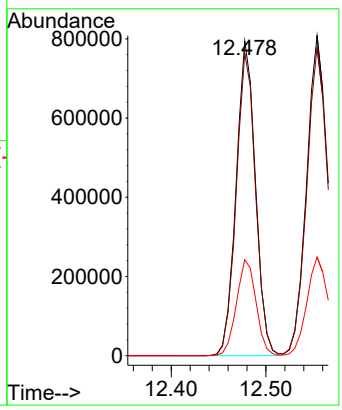




#43
2,4,6-Trichlorophenol
Concen: 40.313 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:196 Resp: 112539

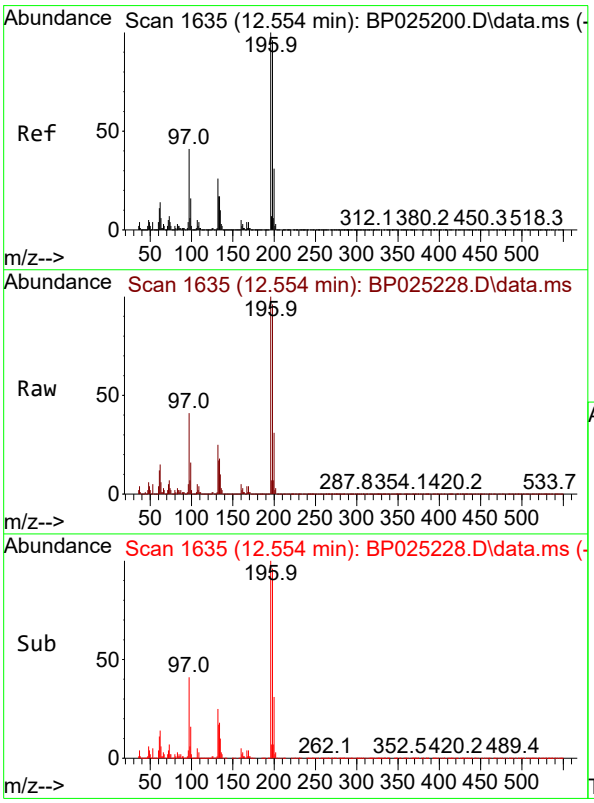
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	114.8
200	30.5	24.7	37.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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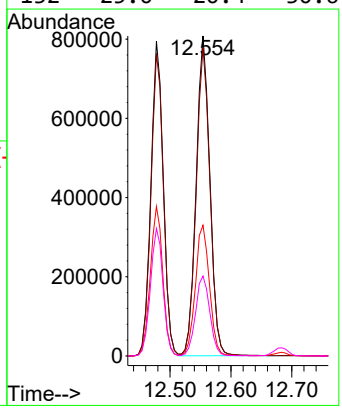
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

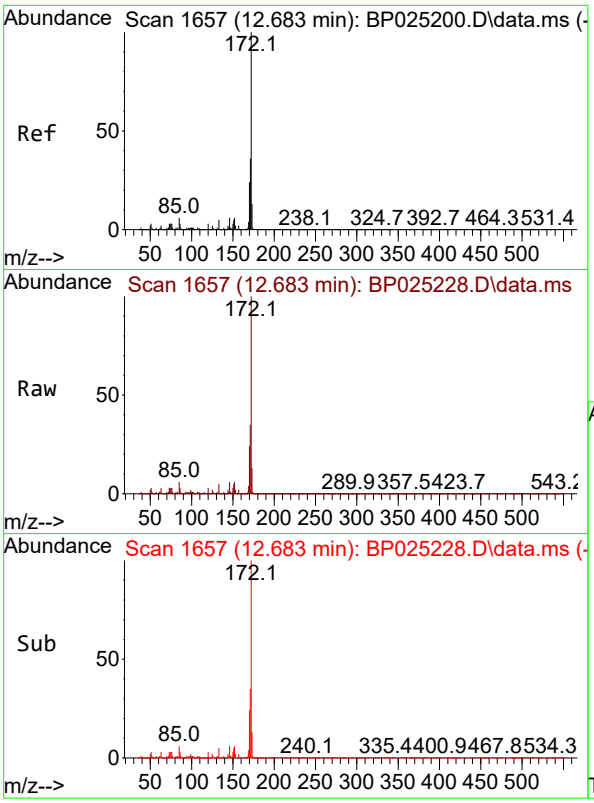


#44
2,4,5-Trichlorophenol
Concen: 41.280 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:196 Resp: 1268169

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.7	115.1
97	40.8	33.0	49.4
132	25.0	20.4	30.6

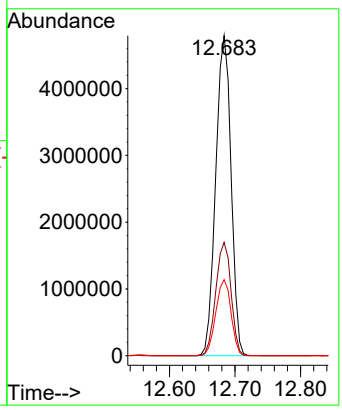




#45
2-Fluorobiphenyl
Concen: 80.047 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:172 Resp: 773921

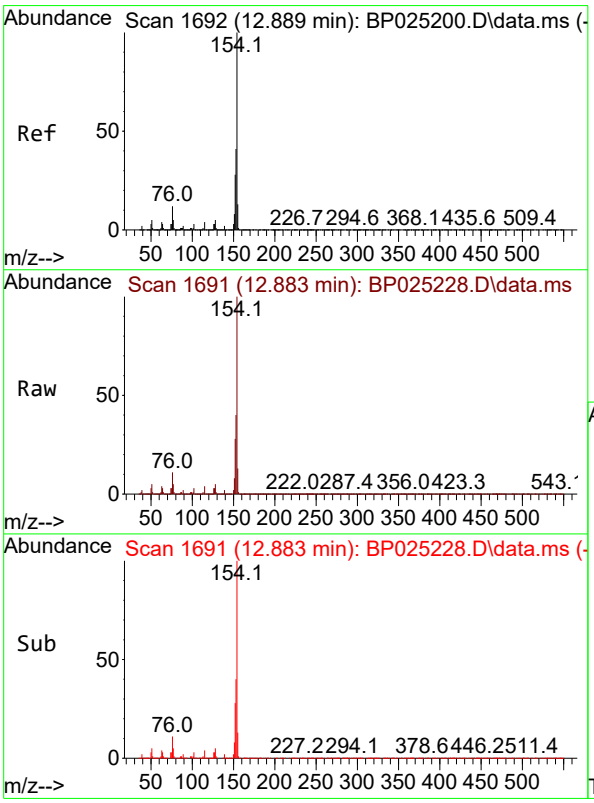
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.8	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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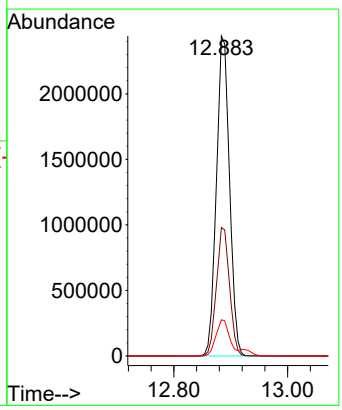
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

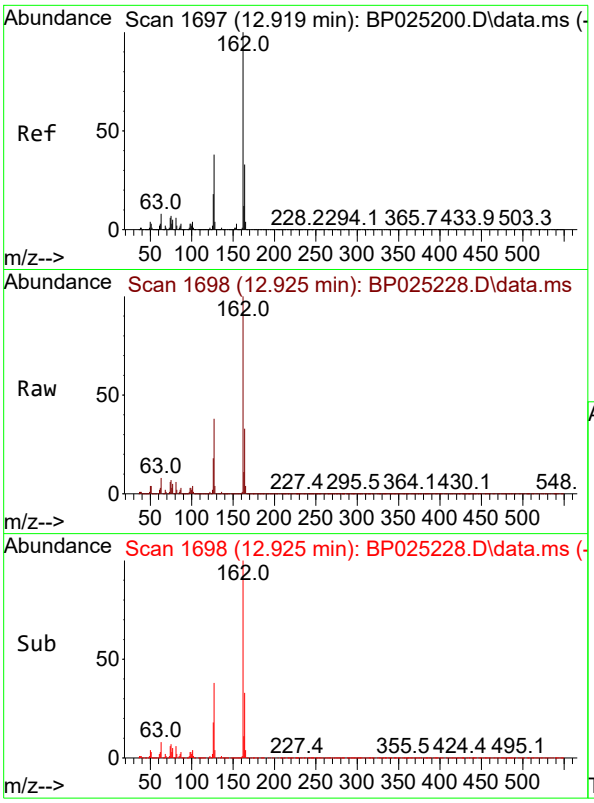


#46
1,1'-Biphenyl
Concen: 39.468 ng
RT: 12.883 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 3899850

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	11.3	0.0	31.6

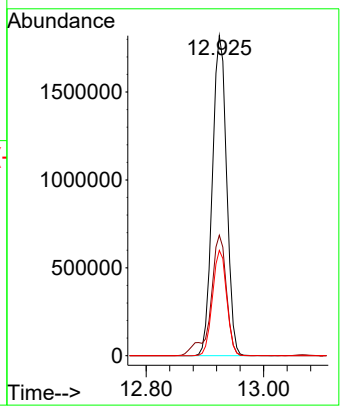




#47
2-Chloronaphthalene
Concen: 39.669 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:162 Resp: 306026

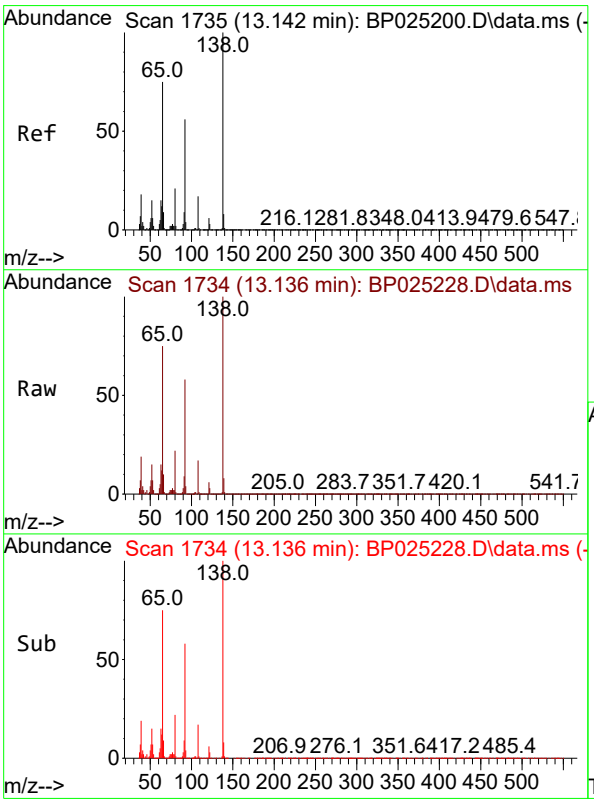
Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	32.9	26.5	39.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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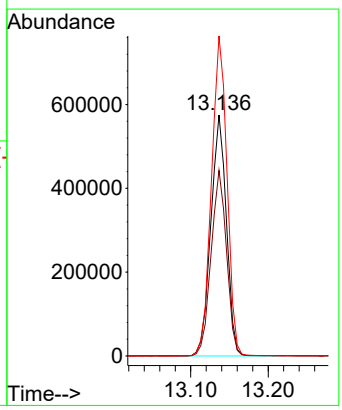
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

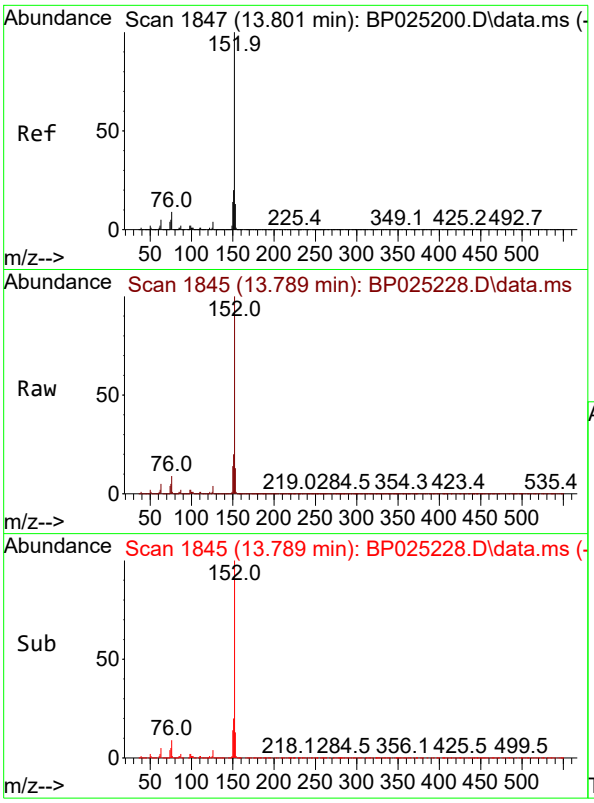


#48
2-Nitroaniline
Concen: 40.662 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 65 Resp: 801067

Ion	Ratio	Lower	Upper
65	100		
92	77.0	59.9	89.9
138	132.8	107.1	160.7

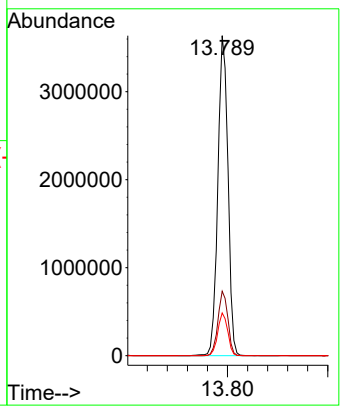




#49
Acenaphthylene
Concen: 40.627 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:152 Resp: 506923

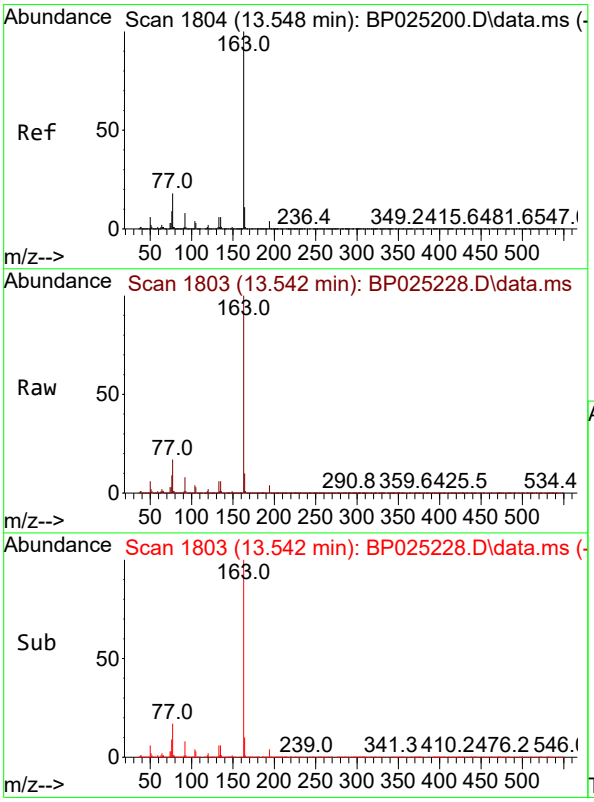
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

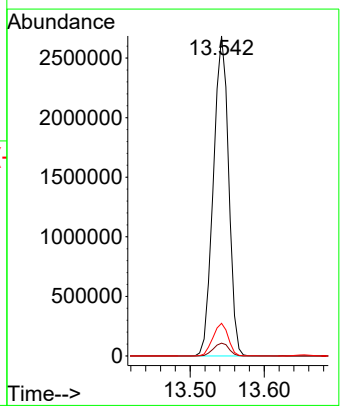
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

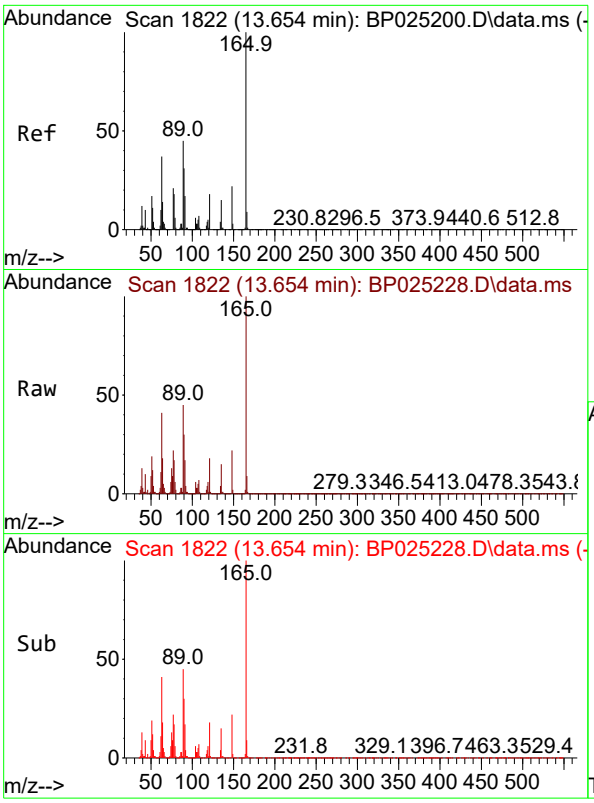


#50
Dimethylphthalate
Concen: 39.404 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:163 Resp: 3841185

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 41.051 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

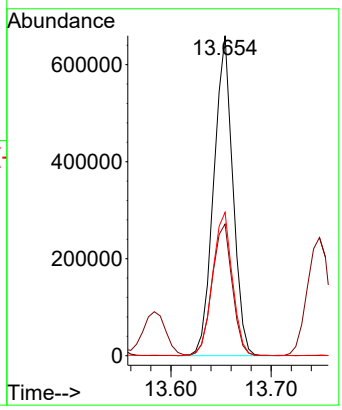
Tgt Ion:165 Resp: 86951

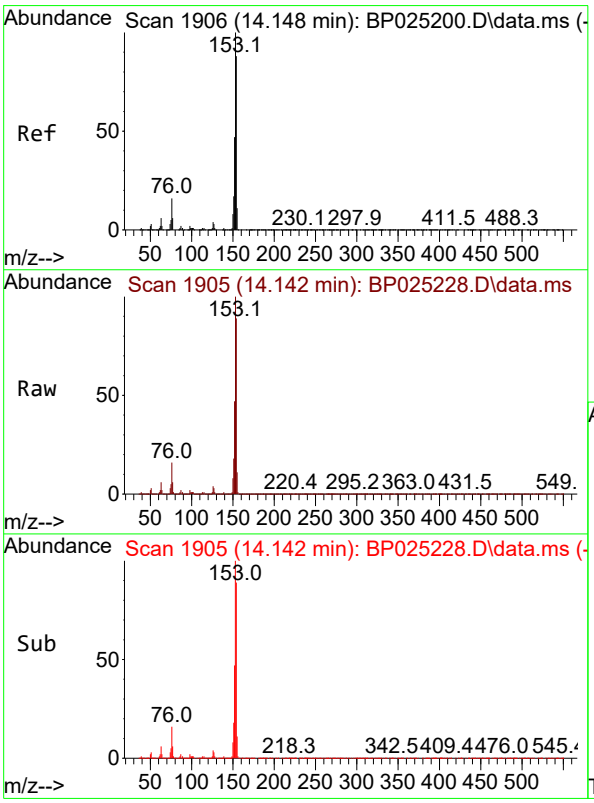
Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.4	50.2
89	44.8	36.3	54.5

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

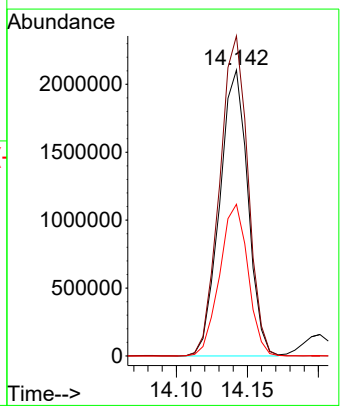


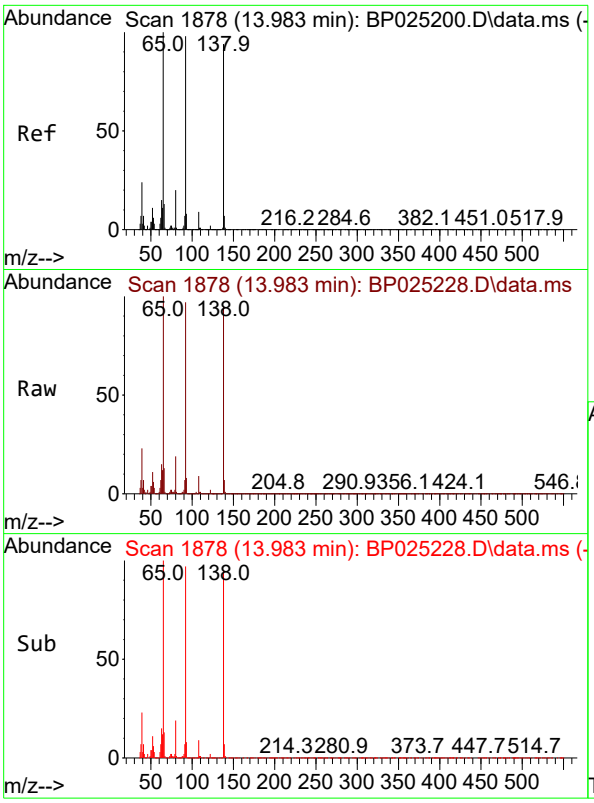


#52
Acenaphthene
Concen: 40.271 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 2905616

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.7	136.1
152	53.0	42.9	64.3





#53
3-Nitroaniline
Concen: 41.445 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

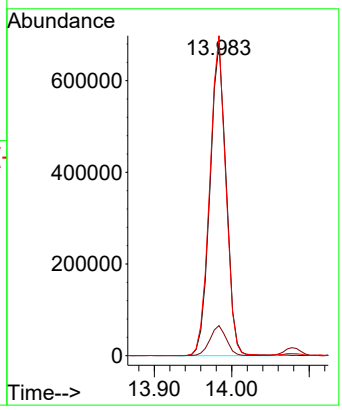
Tgt Ion:138 Resp: 98993

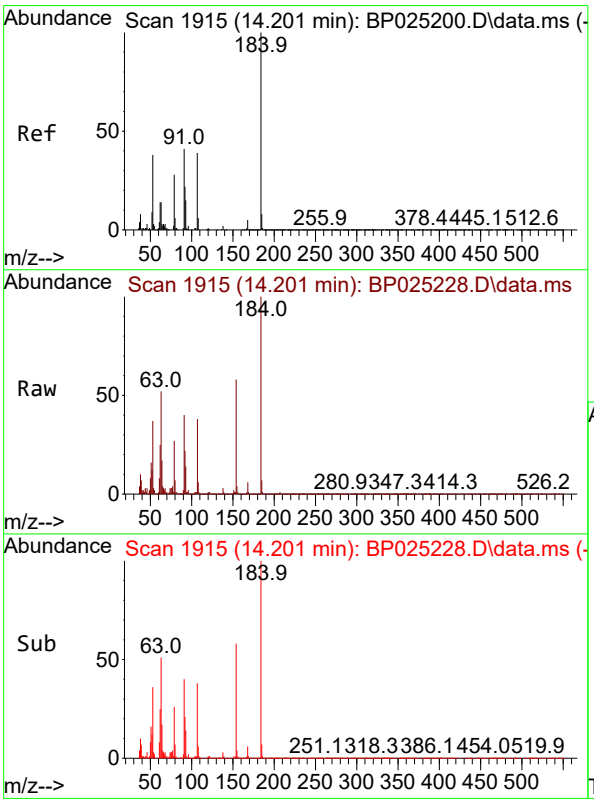
Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	102.3	83.2	124.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

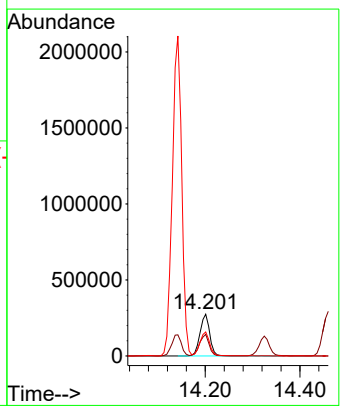


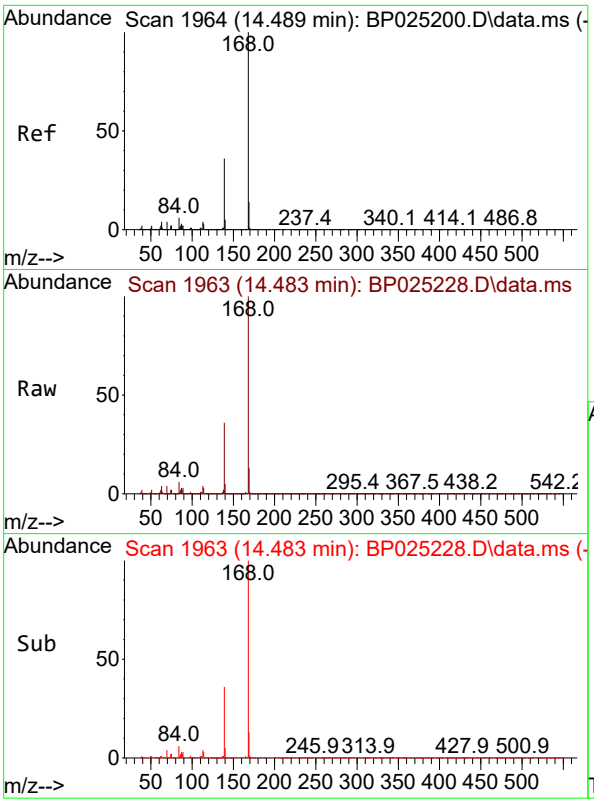


#54
2,4-Dinitrophenol
Concen: 30.972 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:184 Resp: 388691

Ion	Ratio	Lower	Upper
184	100		
63	51.5	41.8	62.8
154	57.6	45.7	68.5

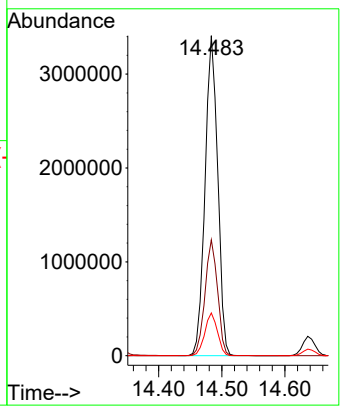




#55
Dibenzofuran
Concen: 40.773 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:168 Resp: 475199

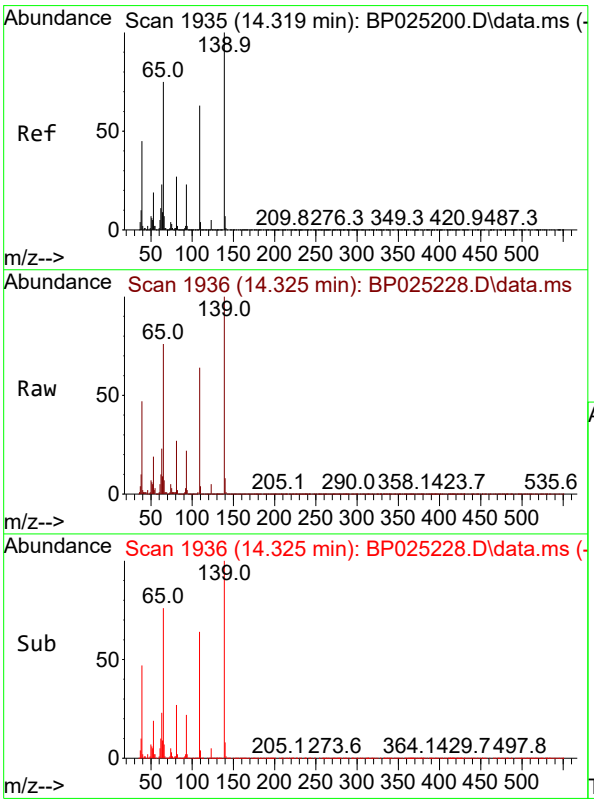
Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.7	43.1
169	13.3	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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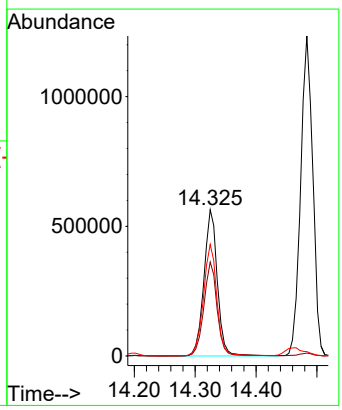
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

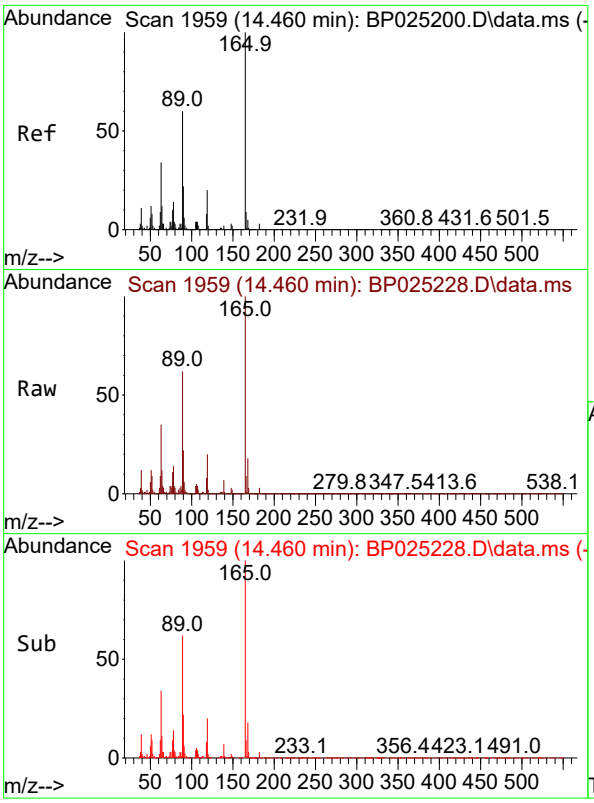


#56
4-Nitrophenol
Concen: 42.223 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 863006

Ion	Ratio	Lower	Upper
139	100		
109	64.2	42.6	82.6
65	76.2	55.4	95.4

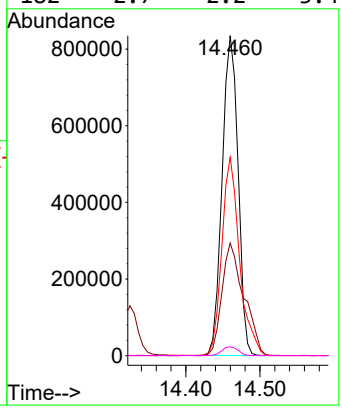




#57
2,4-Dinitrotoluene
Concen: 42.047 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:165 Resp: 124666

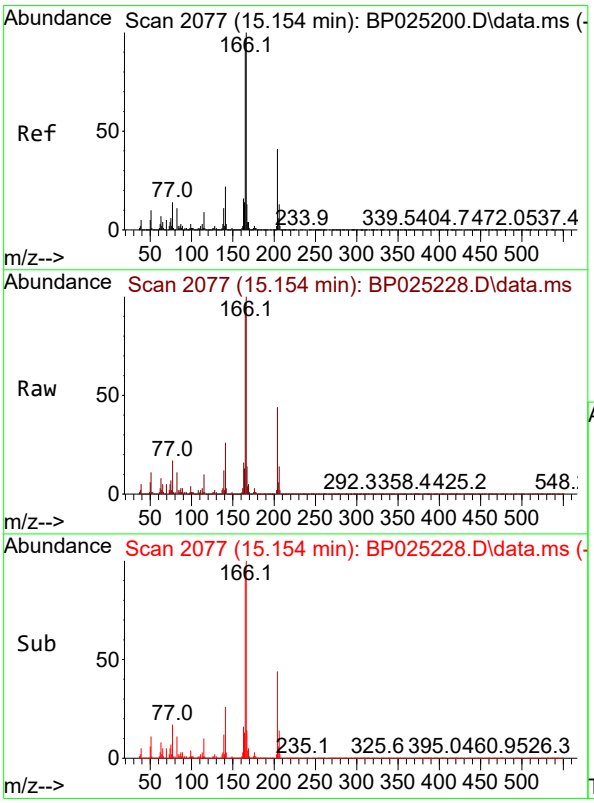
Ion	Ratio	Lower	Upper
165	100		
63	35.2	27.0	40.4
89	62.0	47.8	71.6
182	2.7	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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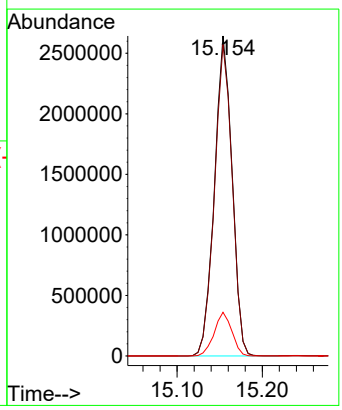
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

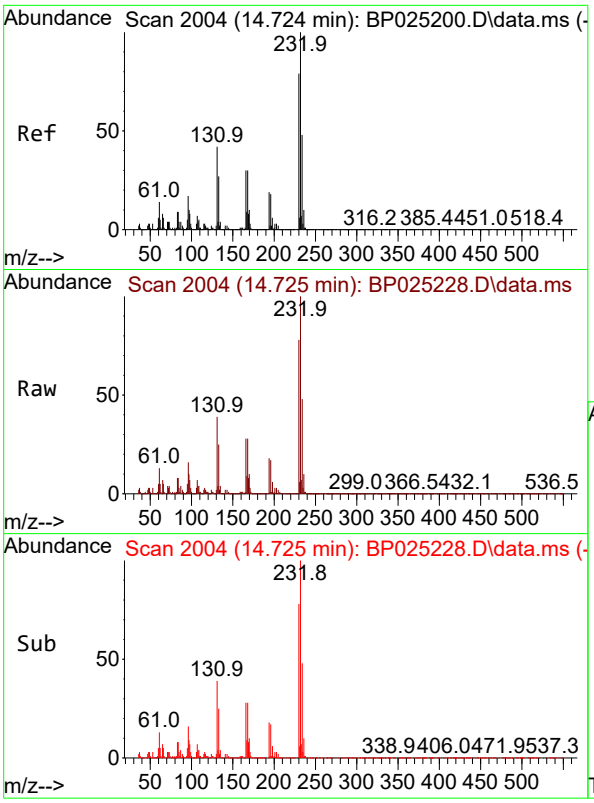


#58
Fluorene
Concen: 41.137 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:166 Resp: 3806233

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.7	10.7	16.1

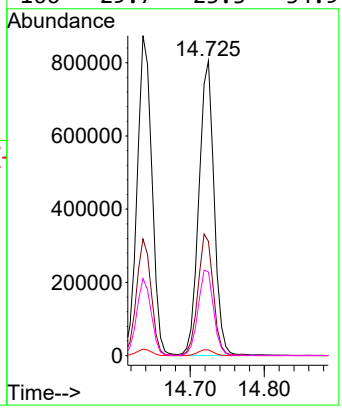




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.296 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:232 Resp: 114993

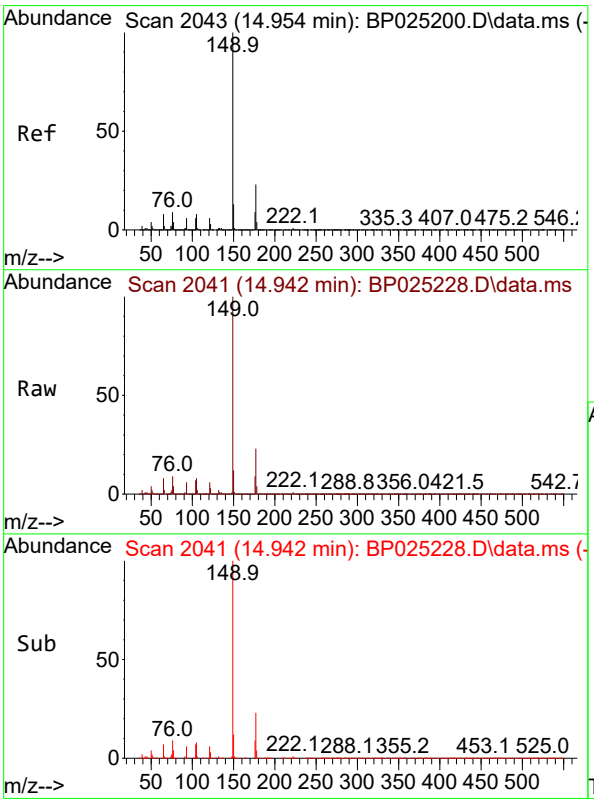
Ion	Ratio	Lower	Upper
232	100		
131	41.2	32.6	48.8
130	2.1	1.6	2.4
166	29.7	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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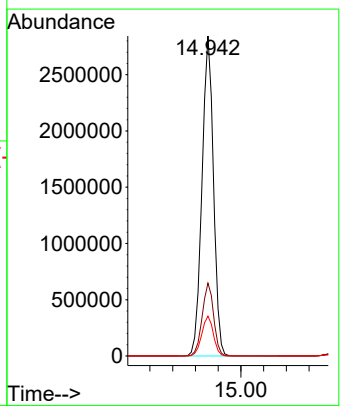
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

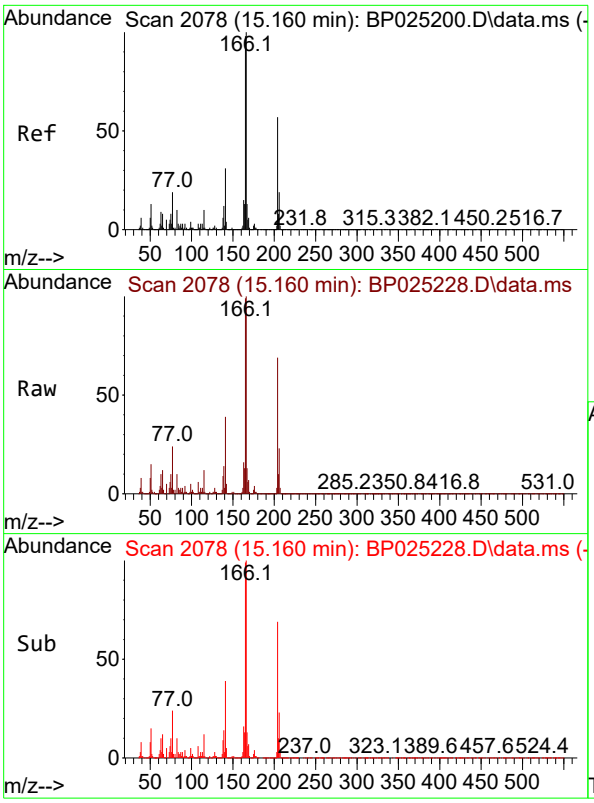


#60
Diethylphthalate
Concen: 41.387 ng
RT: 14.942 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3976402

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.5	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.260 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

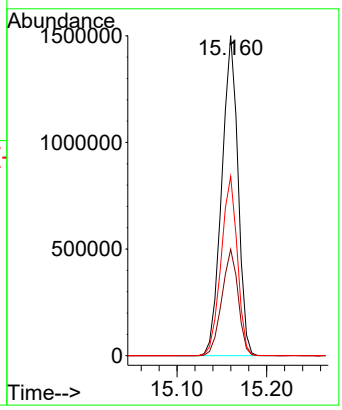
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

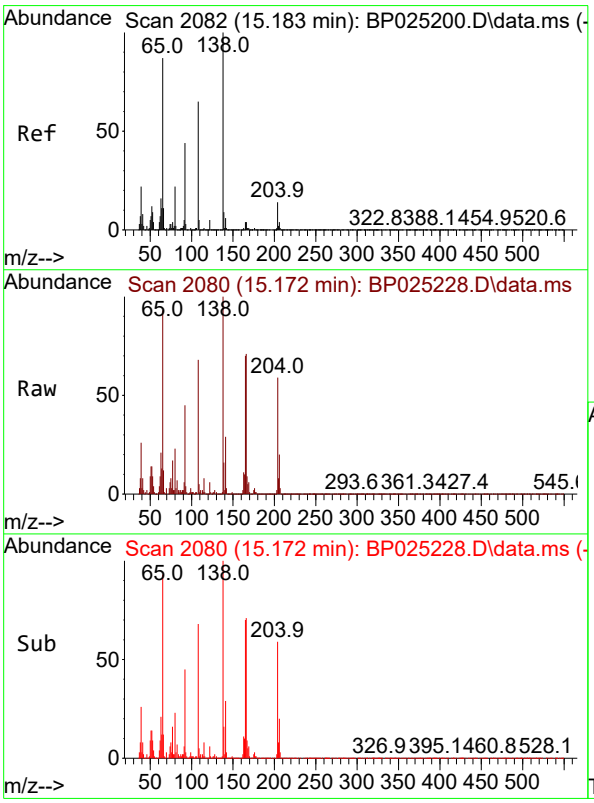
Tgt Ion:204 Resp: 188230

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	56.1	43.0	64.6

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

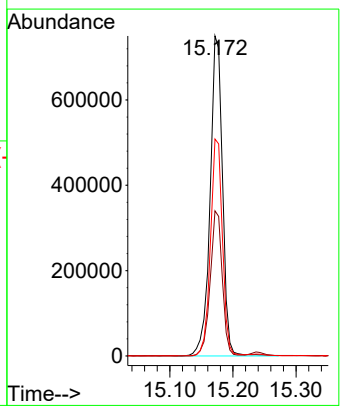


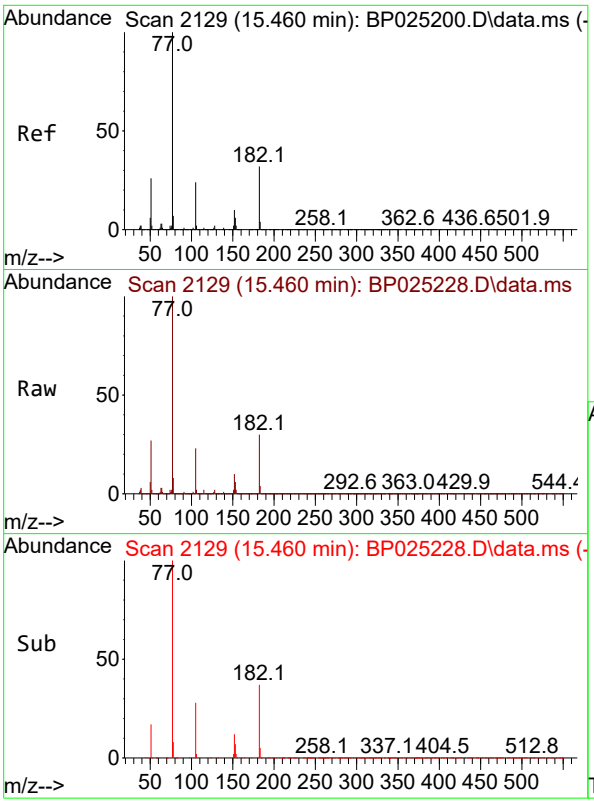


#62
4-Nitroaniline
Concen: 42.134 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:138 Resp: 1023508

Ion	Ratio	Lower	Upper
138	100		
92	45.3	24.0	64.0
108	67.8	44.9	84.9

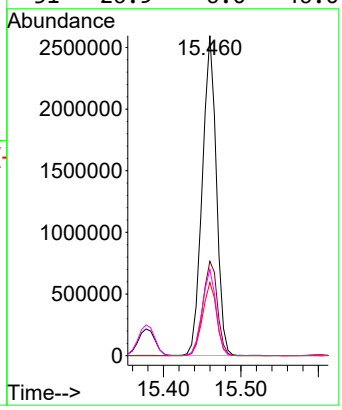




#63
Azobenzene
Concen: 41.714 ng
RT: 15.460 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 326601

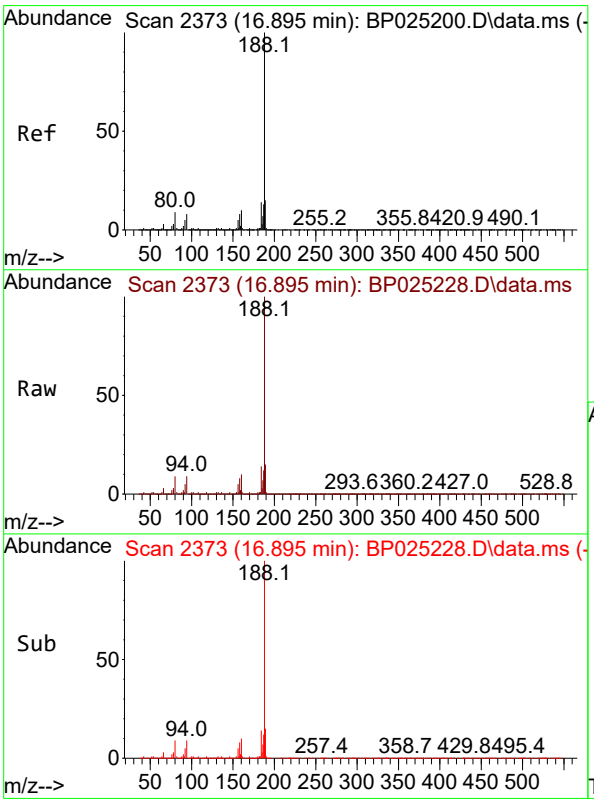
Ion	Ratio	Lower	Upper
77	100		
182	29.5	12.0	52.0
105	22.9	3.6	43.6
51	26.9	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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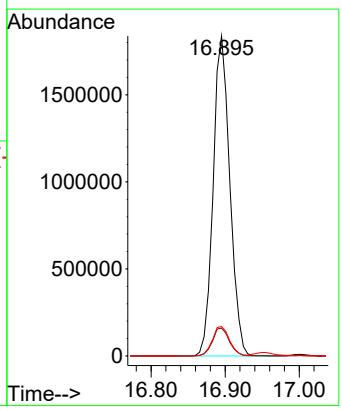
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

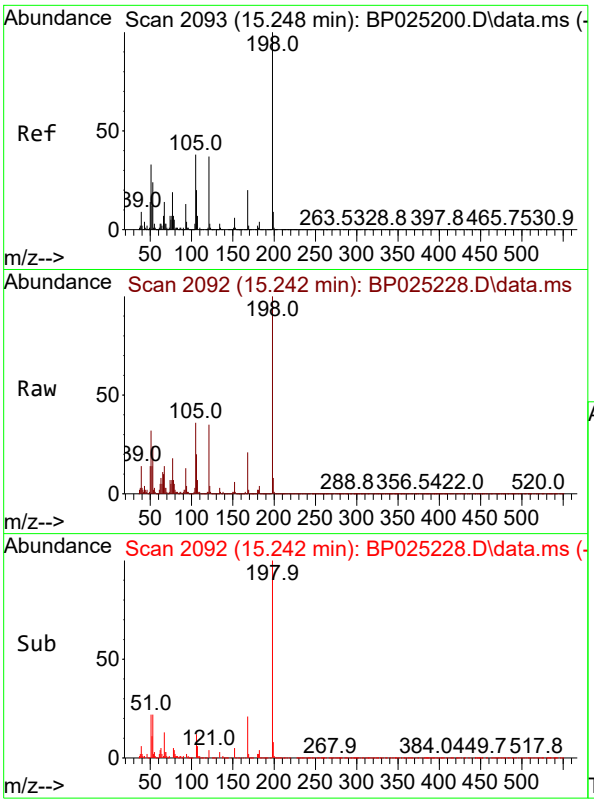


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:188 Resp: 2867783

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.2	7.3	10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 31.439 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

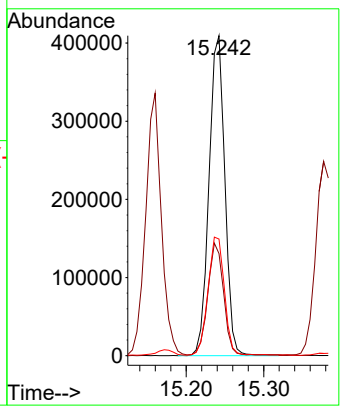
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

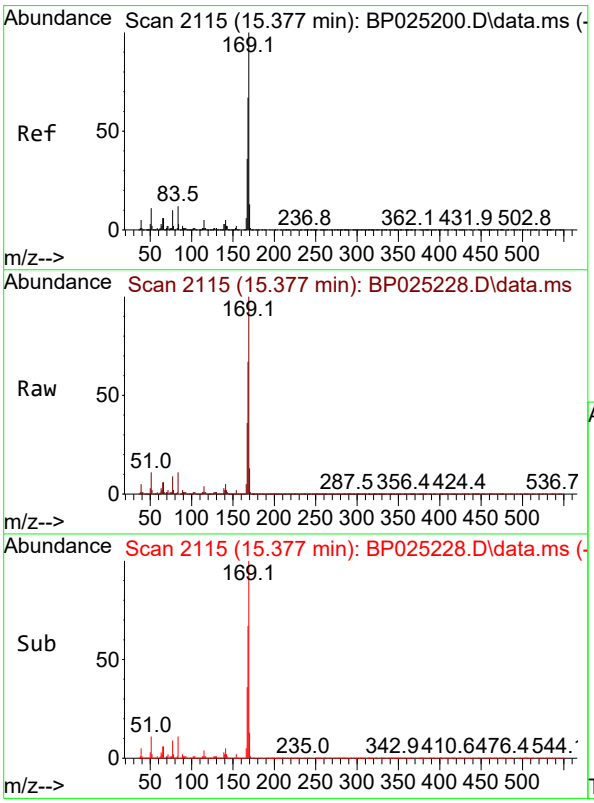
Tgt Ion:198 Resp: 58185

Ion	Ratio	Lower	Upper
198	100		
51	31.9	14.6	54.6
105	36.5	18.3	58.3

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/24/2025

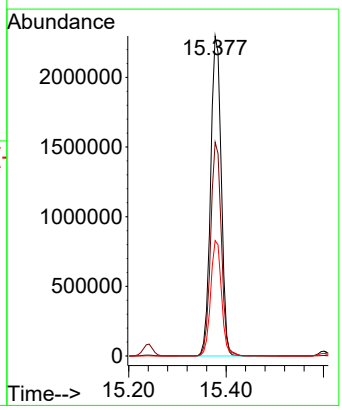


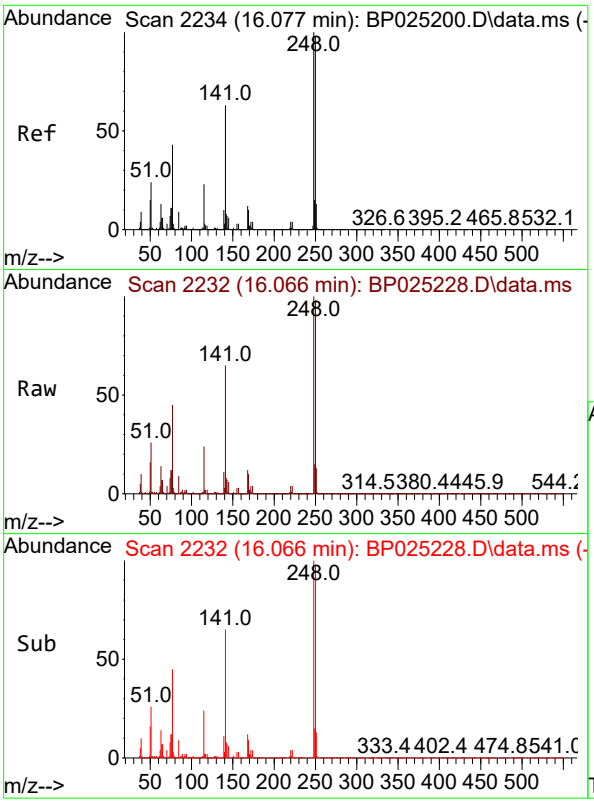


#66
n-Nitrosodiphenylamine
Concen: 39.689 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:169 Resp: 3454679

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.7	80.5
167	36.1	29.0	43.6

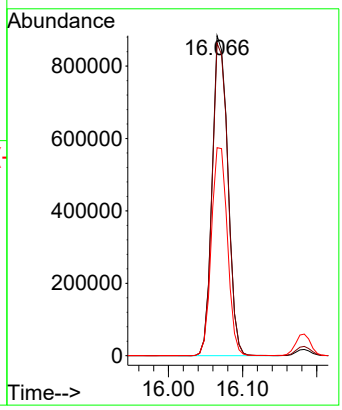




#67
4-Bromophenyl-phenylether
Concen: 38.788 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:248 Resp: 129818

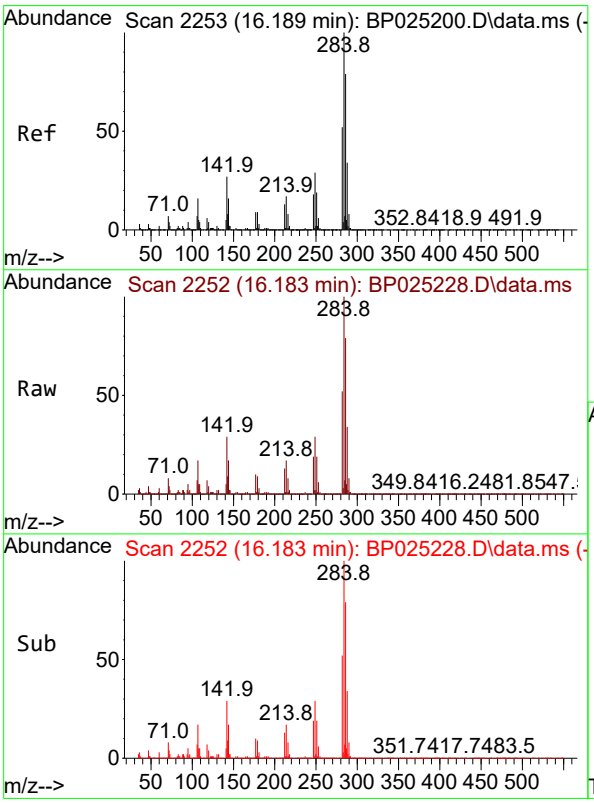
Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.5	117.7
141	65.0	50.5	75.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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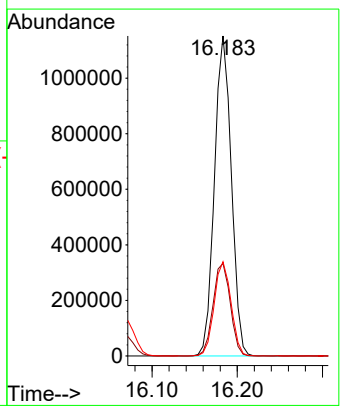
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

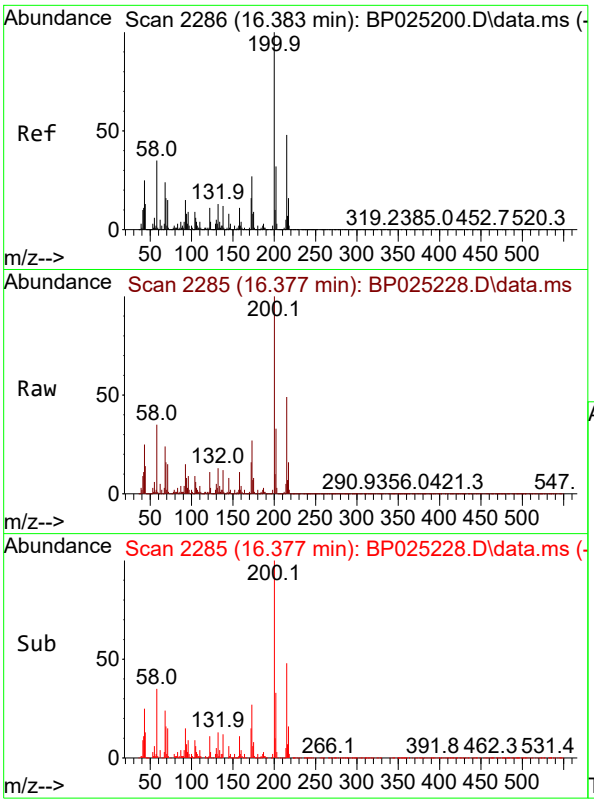


#68
Hexachlorobenzene
Concen: 39.880 ng
RT: 16.183 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:284 Resp: 1585091

Ion	Ratio	Lower	Upper
284	100		
142	29.0	21.5	32.3
249	29.4	23.4	35.0

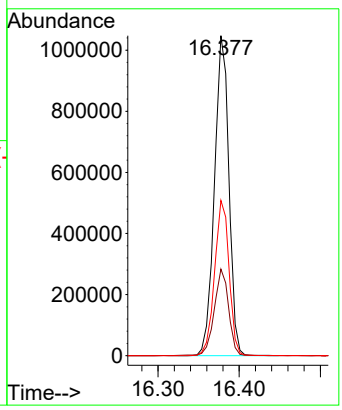




#69
Atrazine
Concen: 40.212 ng
RT: 16.377 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:200 Resp: 129522

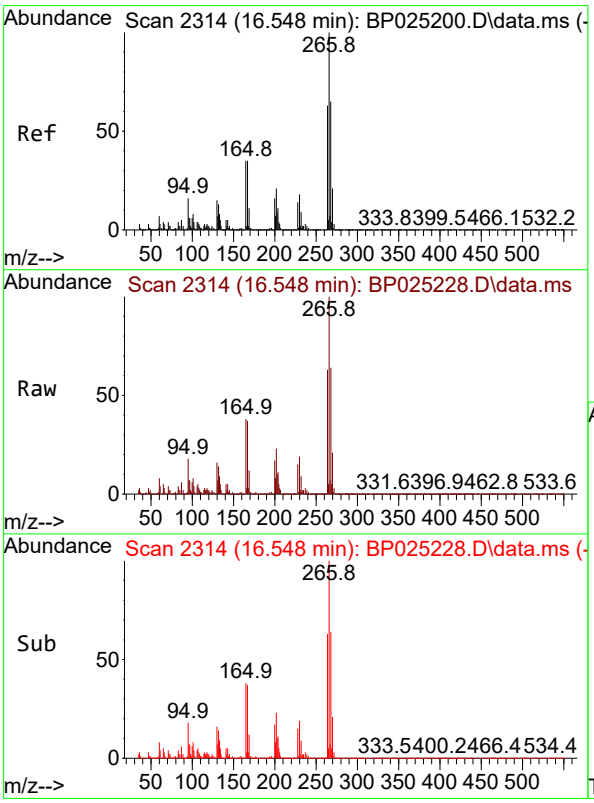
Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.4	47.4
215	48.5	28.5	68.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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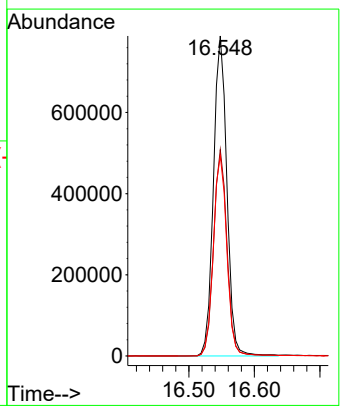
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

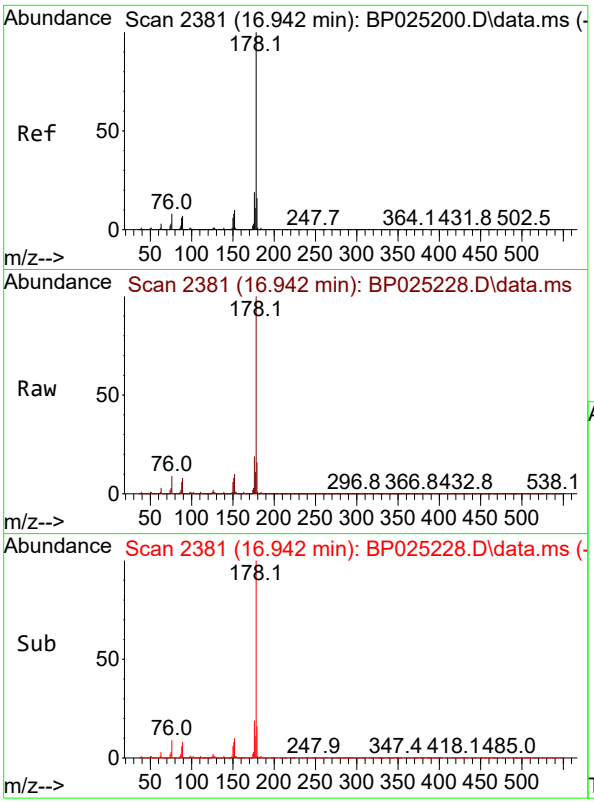


#70
Pentachlorophenol
Concen: 41.397 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:266 Resp: 1118886

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.8	77.6
264	62.5	50.3	75.5

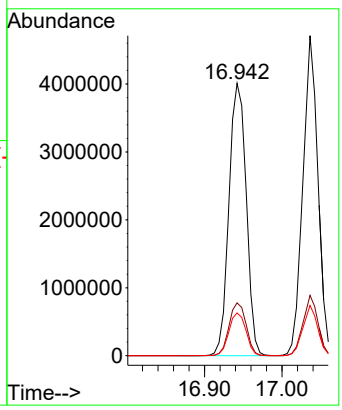




#71
Phenanthrene
Concen: 40.193 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:178 Resp: 621676

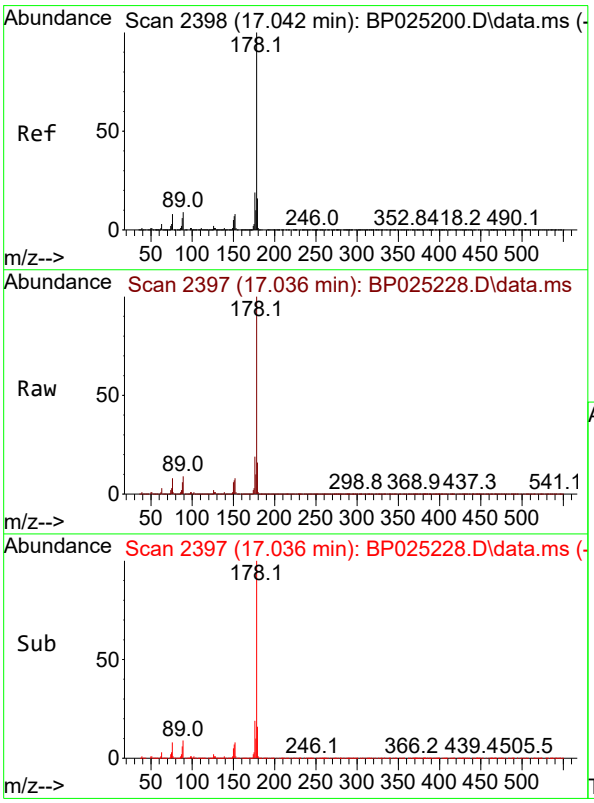
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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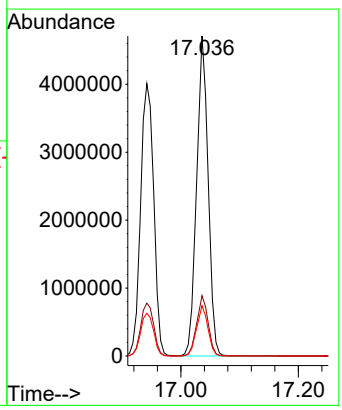
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

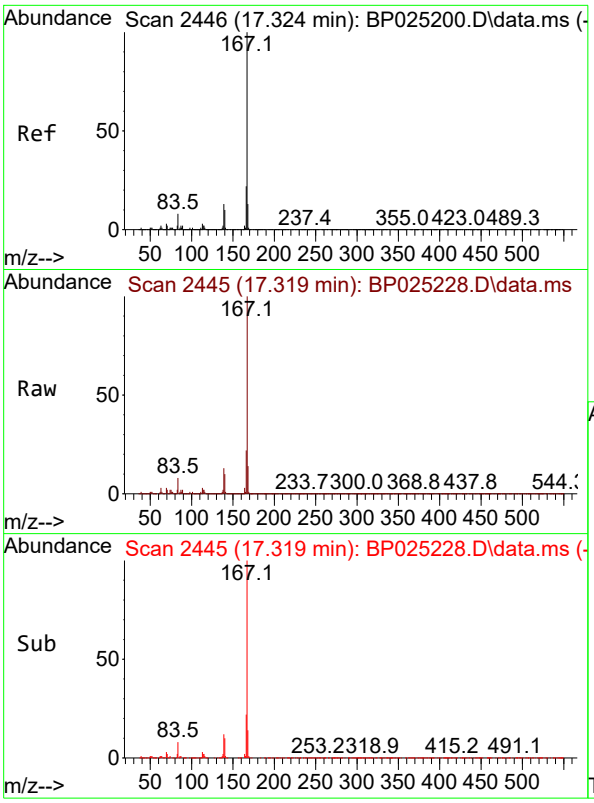


#72
Anthracene
Concen: 41.055 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:178 Resp: 6397046

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.5	18.7

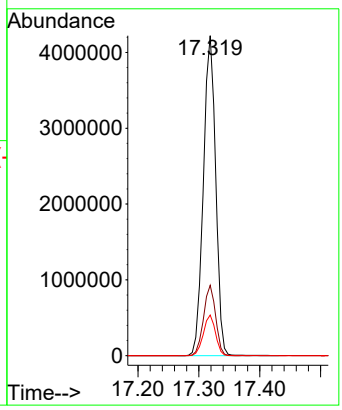




#73
Carbazole
Concen: 39.986 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:167 Resp: 594767

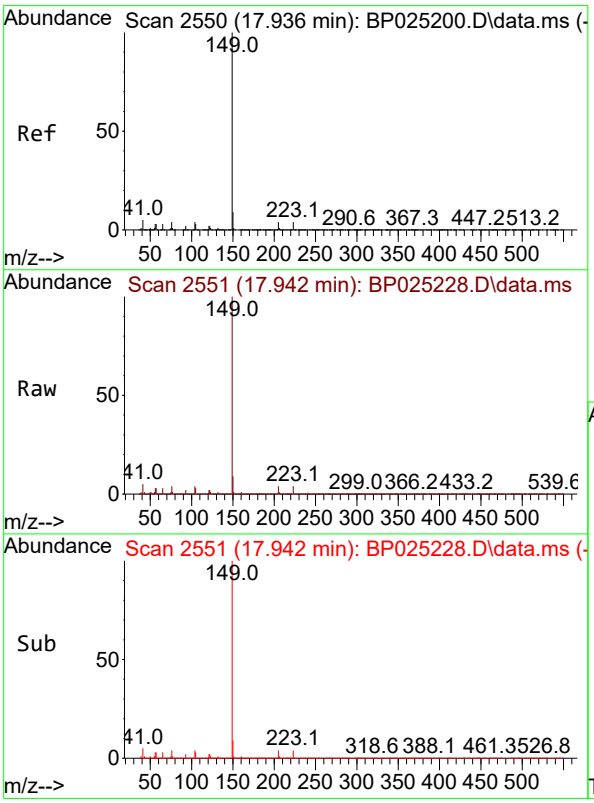
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	12.7	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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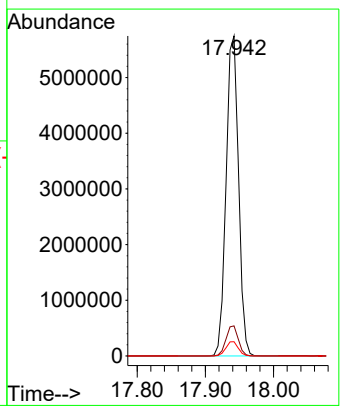
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

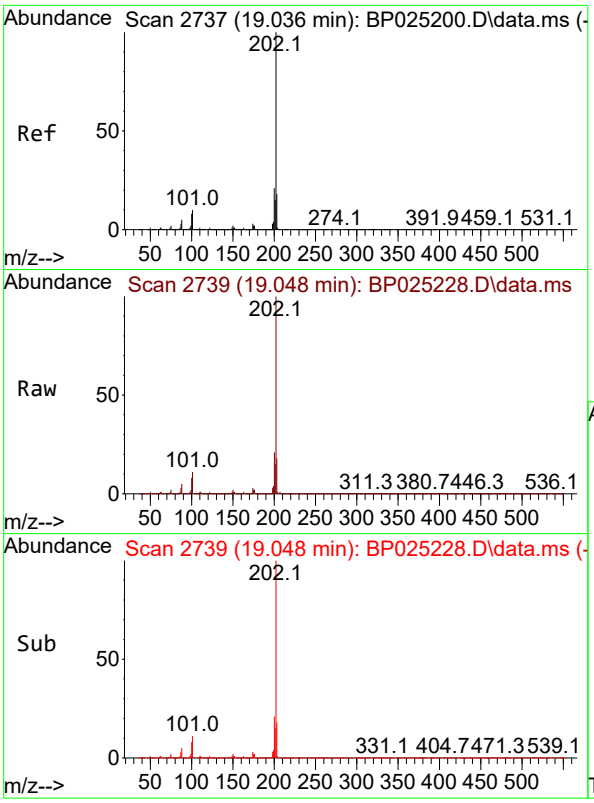


#74
Di-n-butylphthalate
Concen: 42.462 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 7287726

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.5	3.5	5.3





#75
Fluoranthene
Concen: 40.231 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

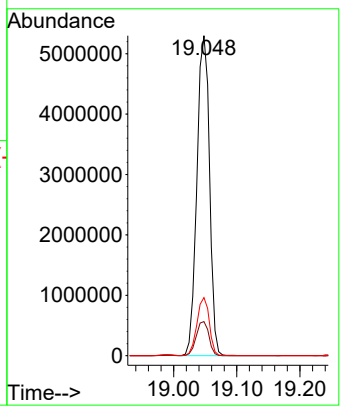
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

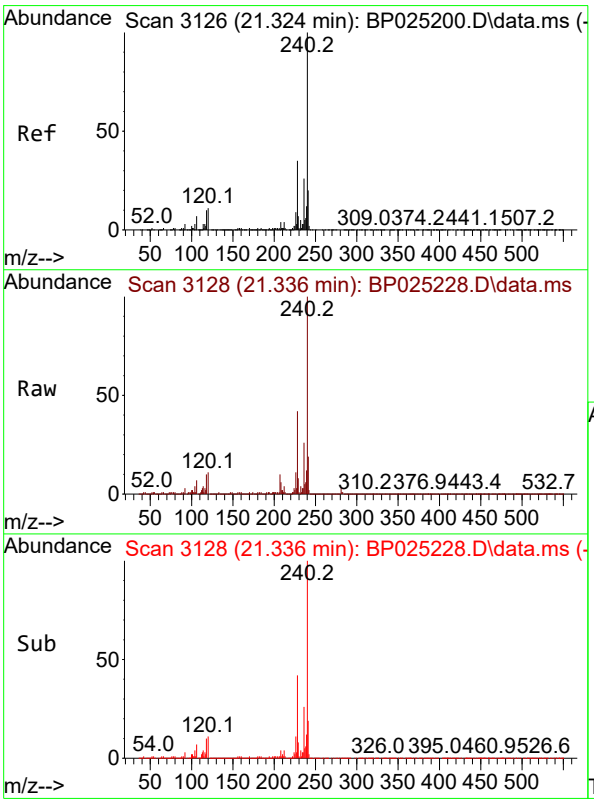
Tgt Ion:202 Resp: 732352

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	18.1	0.0	38.0

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

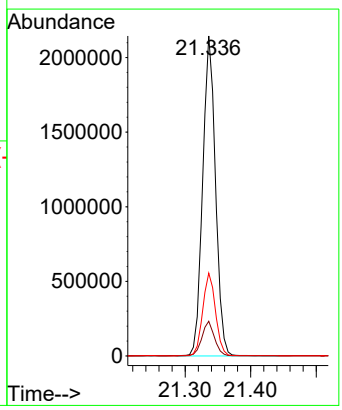


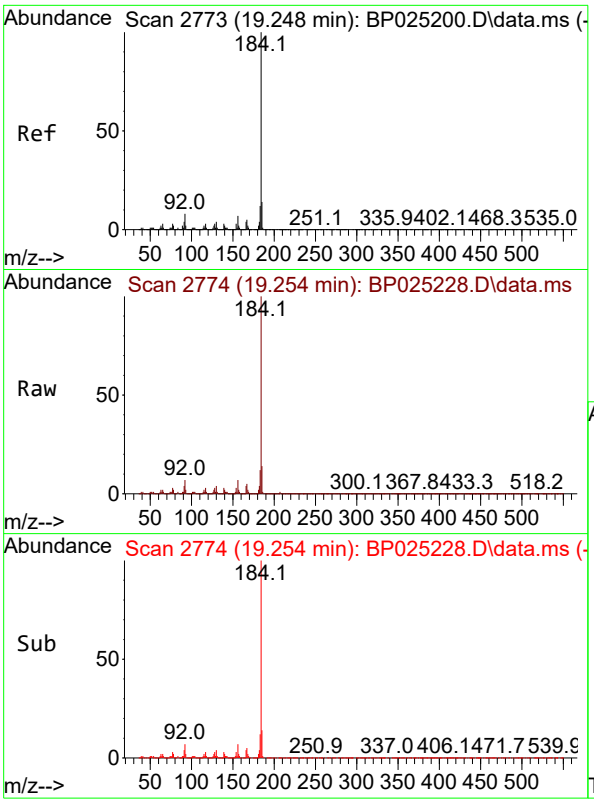


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:240 Resp: 2918399

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	25.9	20.9	31.3

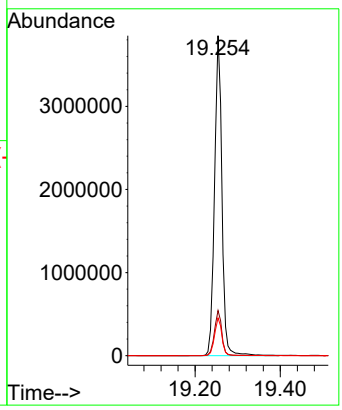




#77
Benzidine
Concen: 45.096 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:184 Resp: 462044

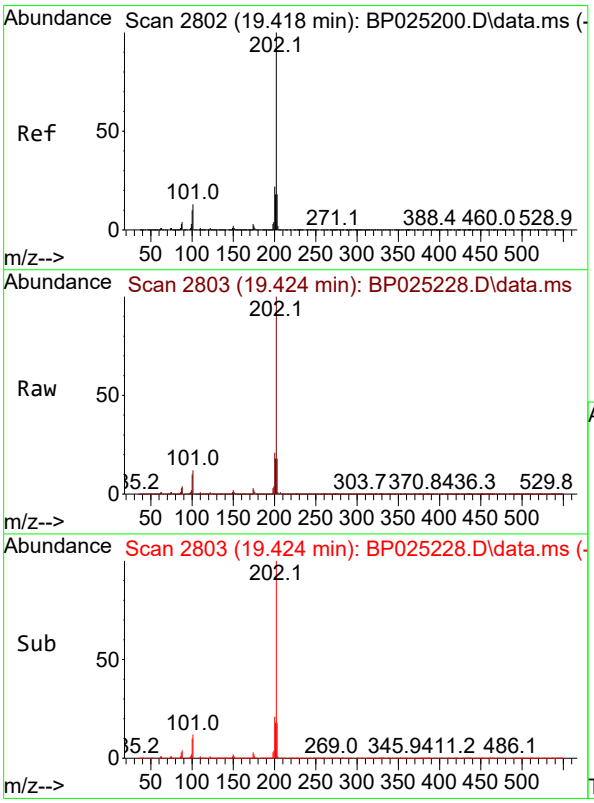
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.8	9.6	14.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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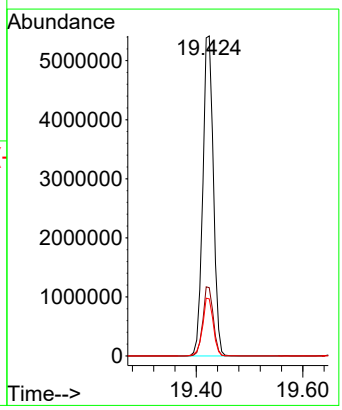
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

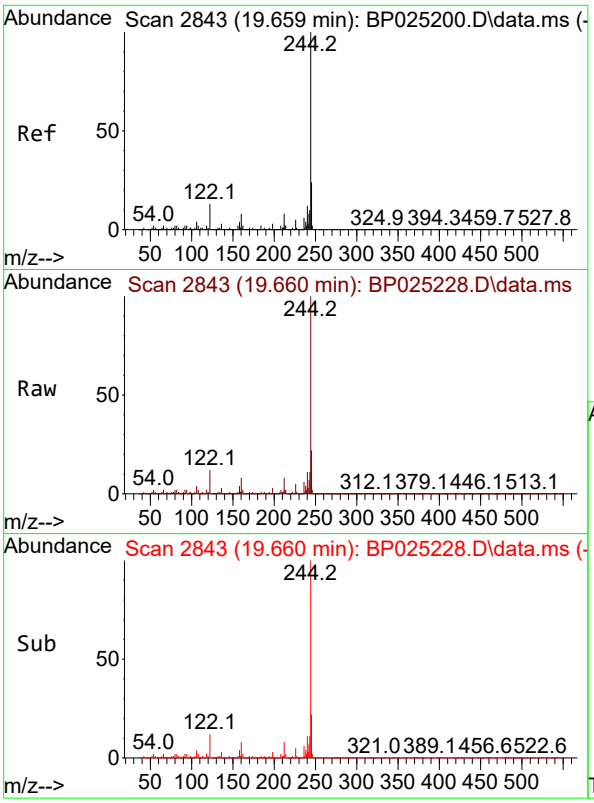


#78
Pyrene
Concen: 41.413 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:202 Resp: 7452139

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5

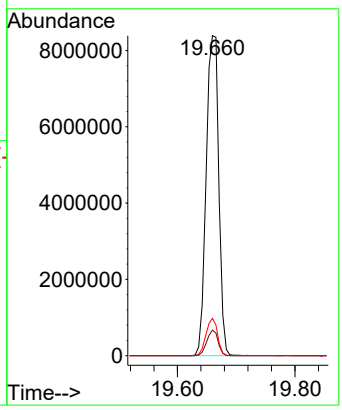




#79
Terphenyl-d14
Concen: 84.502 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:244 Resp:1249278

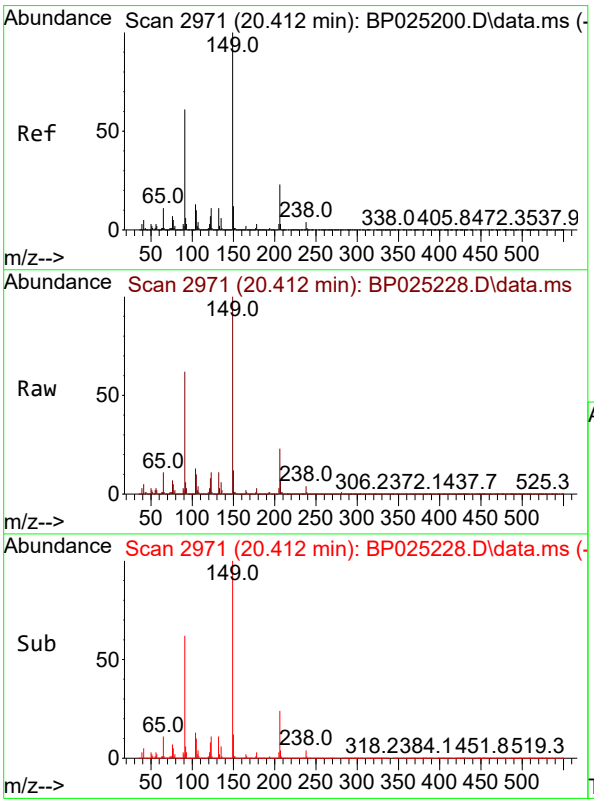
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	11.6	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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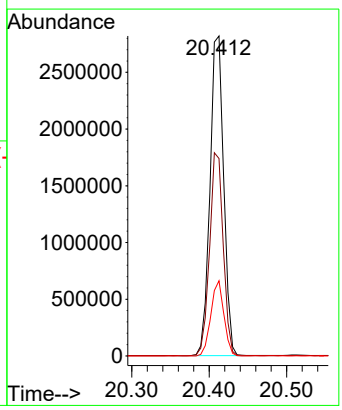
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

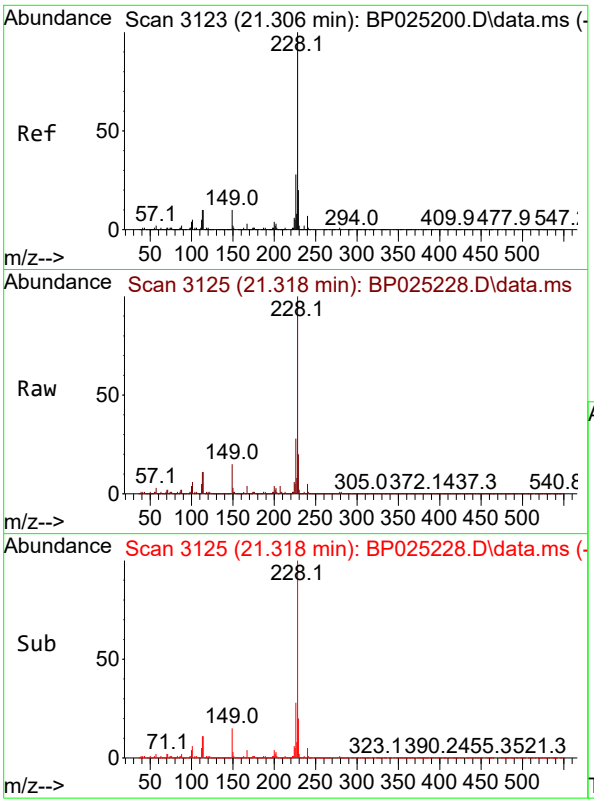


#80
Butylbenzylphthalate
Concen: 42.660 ng
RT: 20.412 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3474816

Ion	Ratio	Lower	Upper
149	100		
91	61.7	48.8	73.2
206	23.5	18.4	27.6





#81
Benzo(a)anthracene
Concen: 39.386 ng
RT: 21.318 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

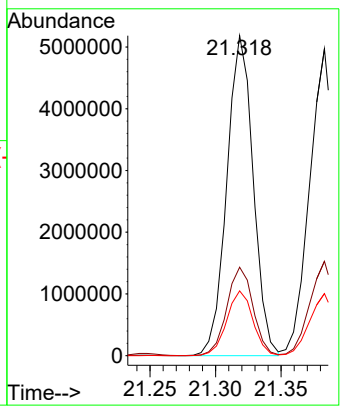
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

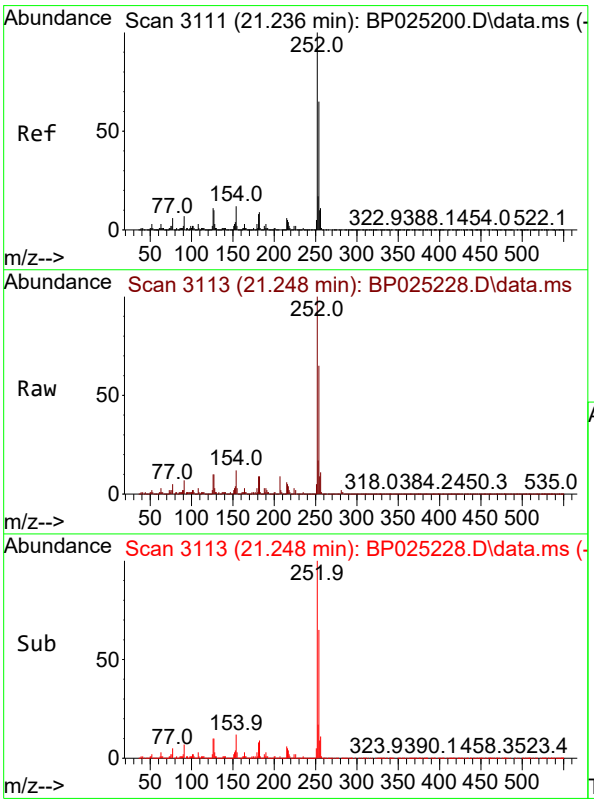
Tgt Ion:228 Resp: 725883

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.2	16.2	24.2

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

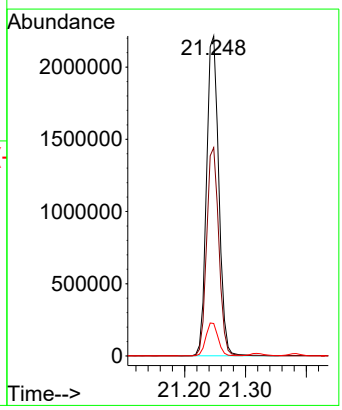


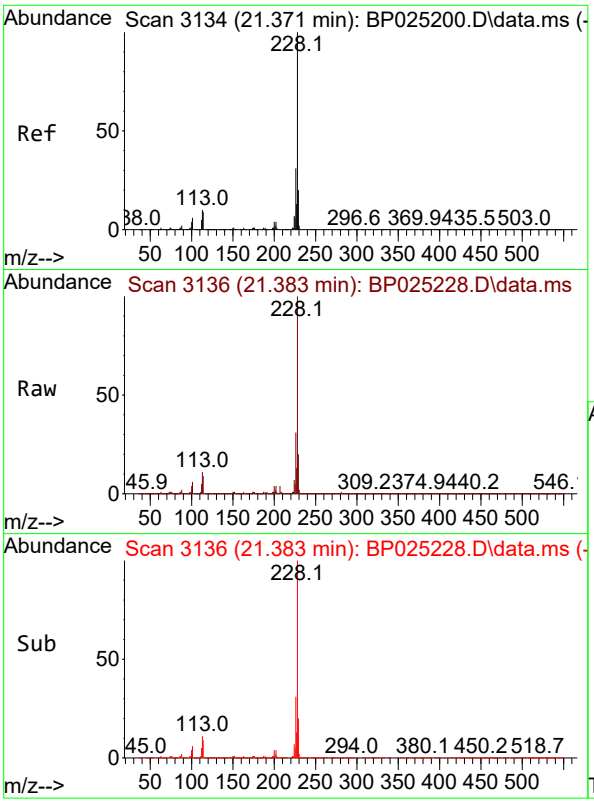


#82
3,3'-Dichlorobenzidine
Concen: 40.337 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 3081562

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.2	8.6	12.8





#83
Chrysene
Concen: 40.130 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

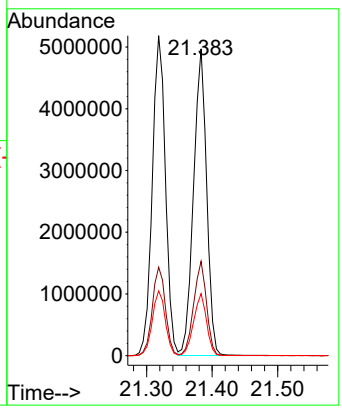
Tgt Ion:228 Resp: 690405

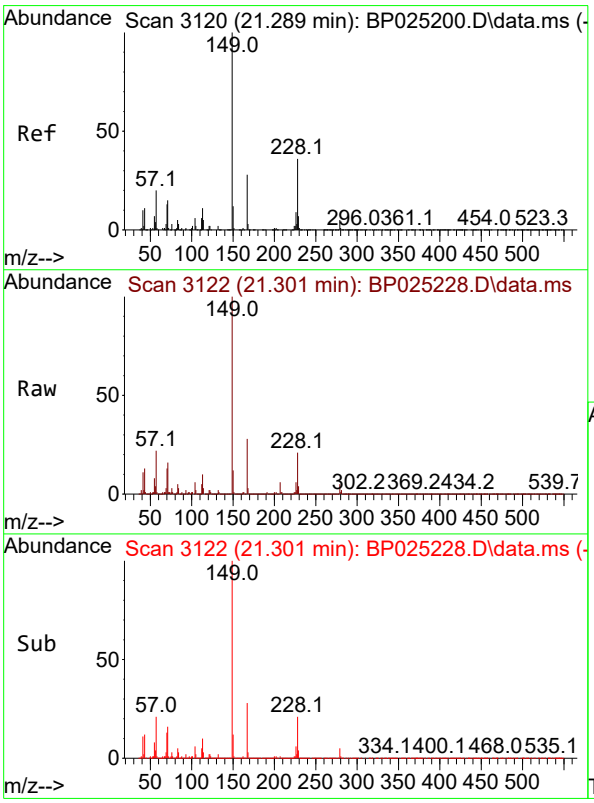
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.2	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

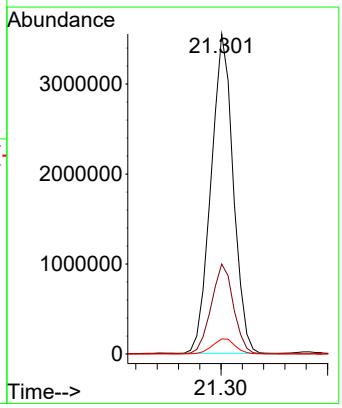


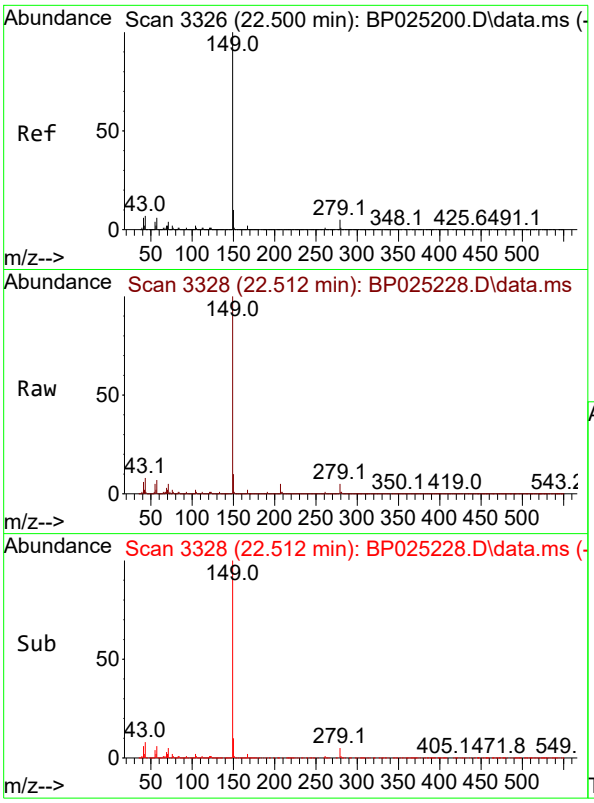


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.060 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 5131749

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	4.7	4.0	6.0





#85
Di-n-octyl phthalate
Concen: 43.487 ng
RT: 22.512 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

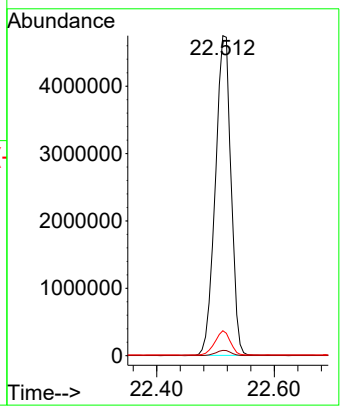
Tgt Ion:149 Resp: 874635

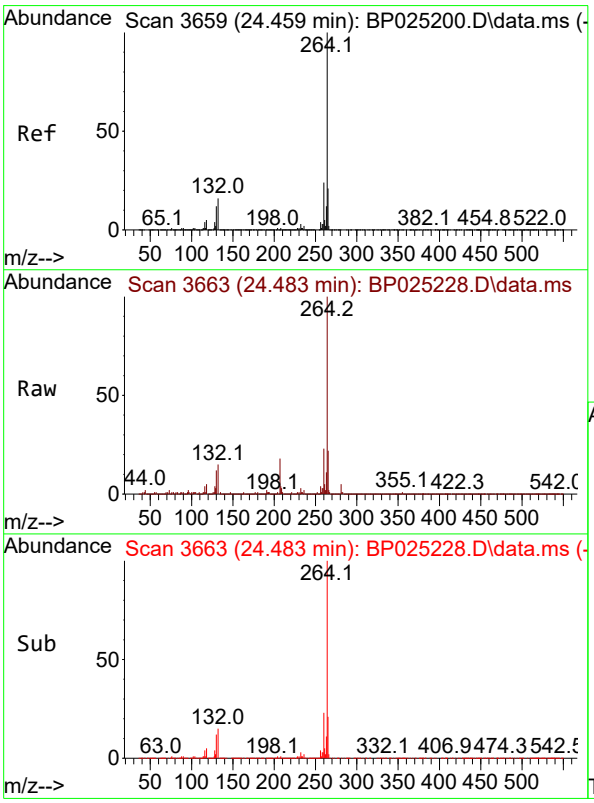
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

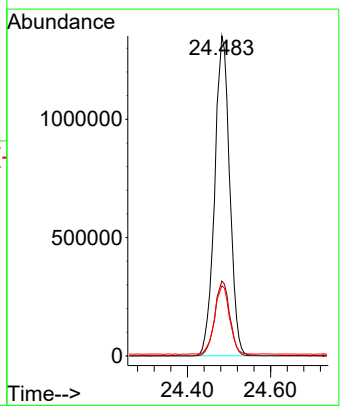


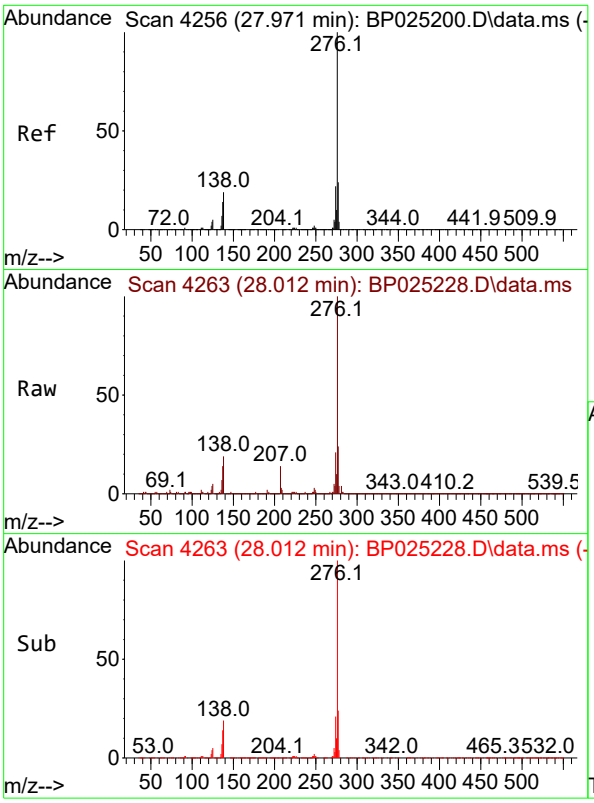


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:264 Resp: 3385440

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.9	17.5	26.3

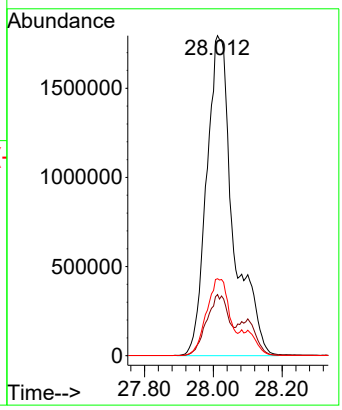




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.107 ng m
RT: 28.012 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:276 Resp: 967494

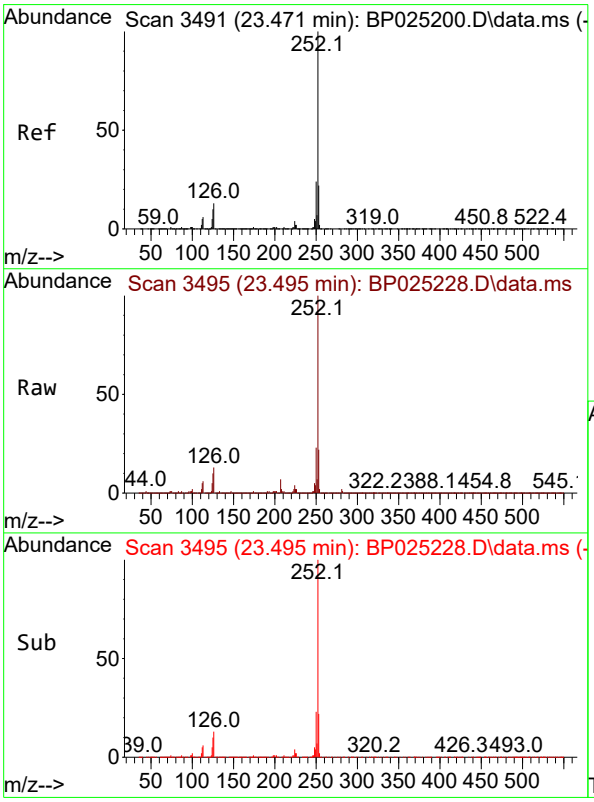
Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.8	19.2
277	20.6	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

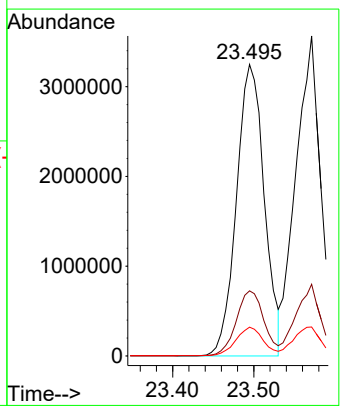
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

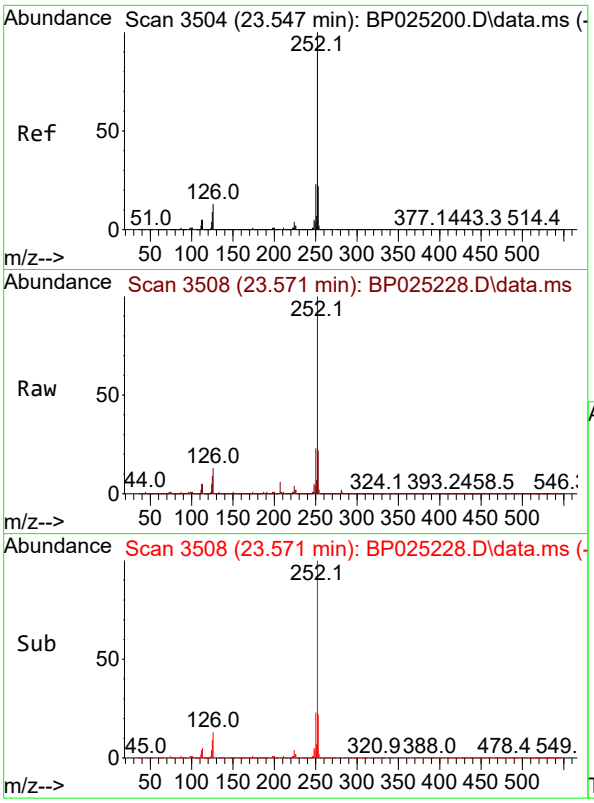


#88
Benzo(b)fluoranthene
Concen: 39.882 ng
RT: 23.495 min Scan# 3495
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7728646

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.9	7.8	11.8





#89
Benzo(k)fluoranthene
Concen: 39.445 ng
RT: 23.571 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

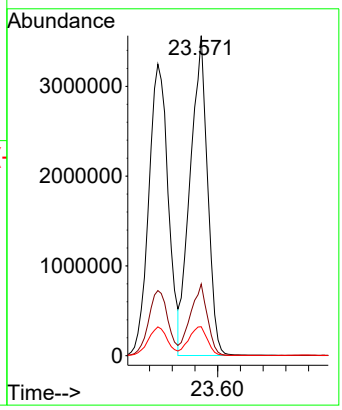
Tgt Ion:252 Resp: 754621

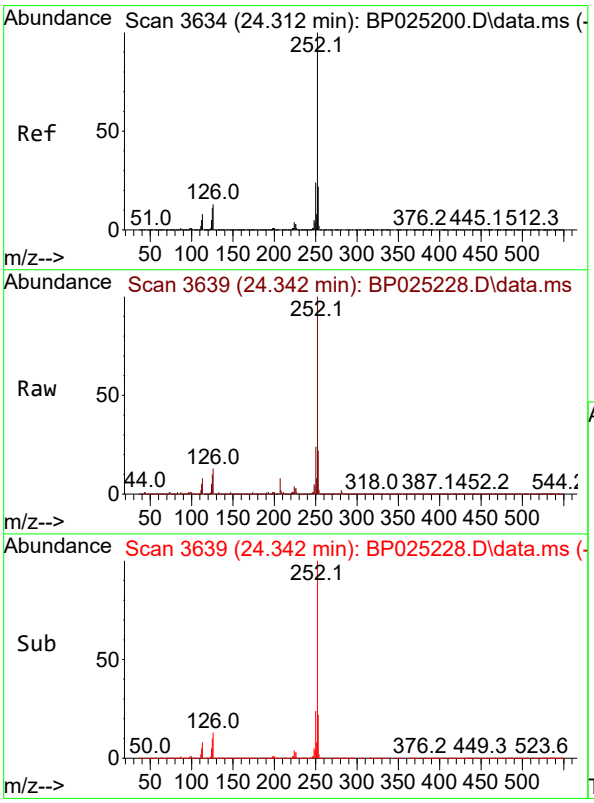
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.1	7.5	11.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

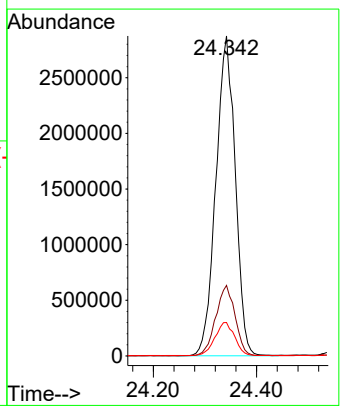


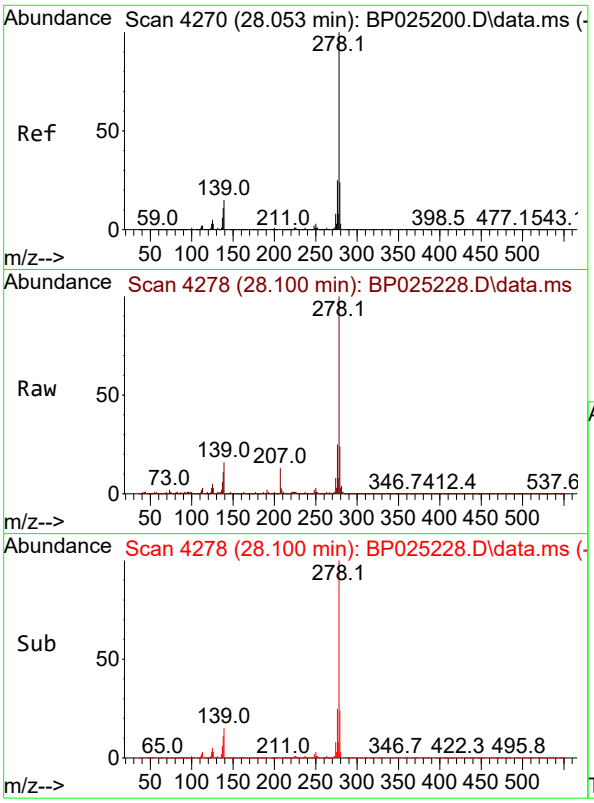


#90
Benzo(a)pyrene
Concen: 39.566 ng
RT: 24.342 min Scan# 3639
Delta R.T. 0.030 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7480970

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.5	8.6	12.8

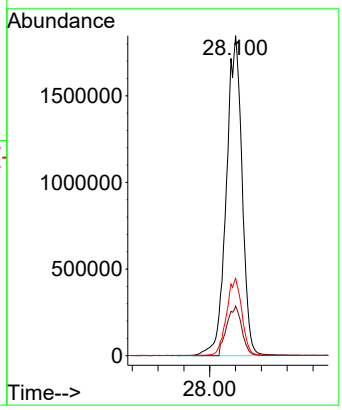




#91
Dibenzo(a,h)anthracene
Concen: 38.794 ng
RT: 28.100 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:278 Resp: 783023

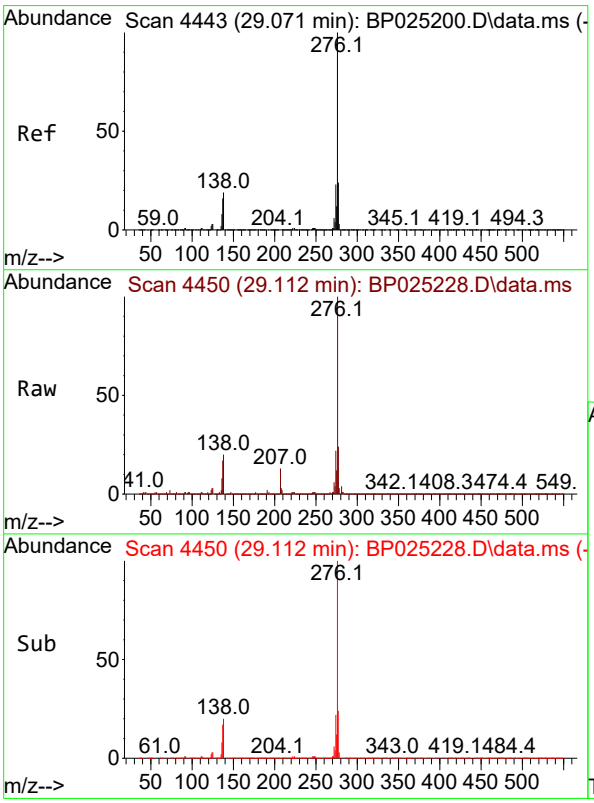
Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.0	18.0
279	24.2	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

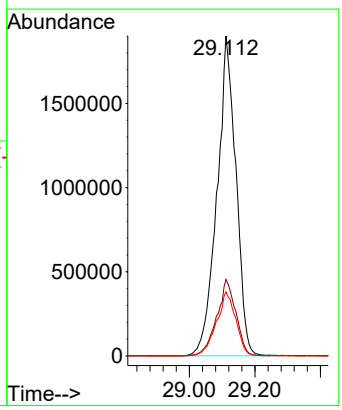
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 38.429 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:276 Resp: 7622690

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	20.0	15.4	23.2



Sample Results: **BP025228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	66	0.00
2		1,4-Dioxane	0.444	0.414	6.8	64	0.00
3		Pyridine	1.188	1.146	3.5	65	0.00
4		n-Nitrosodimethylamine	0.471	0.458	2.8	65	0.00
5	S	2-Fluorophenol	1.184	1.154	2.5	66	0.00
6		Aniline	1.916	1.947	-1.6	67	0.00
7	S	Phenol-d6	1.466	1.503	-2.5	68	0.00
8		2-Chlorophenol	1.343	1.362	-1.4	68	0.00
9		Benzaldehyde	0.994	0.978	1.6	59	0.00
10	C	Phenol	1.520	1.542	-1.4	67	0.00
11		bis(2-Chloroethyl)ether	1.166	1.160	0.5	66	0.00
12		1,3-Dichlorobenzene	1.510	1.482	1.9	66	0.00
13	C	1,4-Dichlorobenzene	1.525	1.506	1.2	66	0.00
14		1,2-Dichlorobenzene	1.467	1.469	-0.1	67	0.00
15		Benzyl Alcohol	1.057	1.096	-3.7	68	0.00
16		2,2'-oxybis(1-Chloropropane	1.491	1.471	1.3	66	0.00
17		2-Methylphenol	1.054	1.090	-3.4	68	0.00
18		Hexachloroethane	0.524	0.519	1.0	66	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	0.906	-2.7	68	0.00
20		3+4-Methylphenols	1.438	1.501	-4.4	69	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	68	0.00
22		Acetophenone	0.465	0.456	1.9	68	0.00
23	S	Nitrobenzene-d5	0.360	0.357	0.8	69	0.00
24		Nitrobenzene	0.321	0.318	0.9	68	0.00
25		Isophorone	0.633	0.622	1.7	68	0.00
26	C	2-Nitrophenol	0.184	0.188	-2.2	69	0.00
27		2,4-Dimethylphenol	0.308	0.309	-0.3	69	0.00
28		bis(2-Chloroethoxy)methane	0.396	0.382	3.5	67	0.00
29	C	2,4-Dichlorophenol	0.317	0.324	-2.2	70	0.00
30		1,2,4-Trichlorobenzene	0.346	0.343	0.9	69	0.00
31		Naphthalene	1.023	1.014	0.9	69	0.00
32		Benzoic acid	0.235	0.281	-19.6	81	0.00
33		4-Chloroaniline	0.450	0.458	-1.8	71	0.00
34	C	Hexachlorobutadiene	0.208	0.204	1.9	68	0.00
35		Caprolactam	0.105	0.110	-4.8	74	0.00
36	C	4-Chloro-3-methylphenol	0.317	0.334	-5.4	74	0.00
37		2-Methylnaphthalene	0.665	0.679	-2.1	71	0.00
38		1-Methylnaphthalene	0.698	0.709	-1.6	70	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	0.599	0.588	1.8	72	0.00
41	P	Hexachlorocyclopentadiene	0.358	0.252	29.6#	51	0.00
42	S	2,4,6-Tribromophenol	0.295	0.310	-5.1	77	-0.01
43	C	2,4,6-Trichlorophenol	0.410	0.413	-0.7	73	0.00
44		2,4,5-Trichlorophenol	0.451	0.465	-3.1	74	0.00
45	S	2-Fluorobiphenyl	1.419	1.419	0.0	73	0.00
46		1,1'-Biphenyl	1.450	1.431	1.3	72	0.00
47		2-Chloronaphthalene	1.132	1.123	0.8	73	0.00

Sample Results: **BP025228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	0.289	0.294	-1.7	73	0.00
49		Acenaphthylene	1.831	1.860	-1.6	74	-0.01
50		Dimethylphthalate	1.430	1.409	1.5	73	0.00
51		2,6-Dinitrotoluene	0.311	0.319	-2.6	74	0.00
52	C	Acenaphthene	1.059	1.066	-0.7	74	0.00
53		3-Nitroaniline	0.350	0.363	-3.7	76	0.00
54	P	2,4-Dinitrophenol	0.184	0.143	22.3	57	0.00
55		Dibenzofuran	1.710	1.743	-1.9	75	0.00
56	P	4-Nitrophenol	0.300	0.317	-5.7	79	0.00
57		2,4-Dinitrotoluene	0.435	0.457	-5.1	76	0.00
58		Fluorene	1.358	1.396	-2.8	76	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.422	-5.8	77	0.00
60		Diethylphthalate	1.410	1.459	-3.5	76	-0.01
61		4-Chlorophenyl-phenylether	0.686	0.690	-0.6	74	0.00
62		4-Nitroaniline	0.356	0.375	-5.3	78	-0.01
63		Azobenzene	1.149	1.198	-4.3	77	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	78	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.101	21.7	60	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.602	0.8	78	0.00
67		4-Bromophenyl-phenylether	0.233	0.226	3.0	76	-0.01
68		Hexachlorobenzene	0.277	0.276	0.4	77	0.00
69		Atrazine	0.225	0.226	-0.4	80	0.00
70	C	Pentachlorophenol	0.188	0.195	-3.7	80	0.00
71		Phenanthrene	1.079	1.084	-0.5	79	0.00
72		Anthracene	1.087	1.115	-2.6	81	0.00
73		Carbazole	1.037	1.037	0.0	79	0.00
74		Di-n-butylphthalate	1.197	1.271	-6.2	82	0.00
75	C	Fluoranthene	1.270	1.277	-0.6	80	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	79	0.01
77		Benzidine	0.702	0.792	-12.8	74	0.00
78		Pyrene	1.233	1.277	-3.6	81	0.00
79	S	Terphenyl-d14	1.013	1.070	-5.6	95	0.00
80		Butylbenzylphthalate	0.558	0.595	-6.6	84	0.00
81		Benzo(a)anthracene	1.263	1.244	1.5	79	0.01
82		3,3'-Dichlorobenzidine	0.524	0.528	-0.8	82	0.01
83		Chrysene	1.179	1.183	-0.3	81	0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.879	-10.2	87	0.01
85	c	Di-n-octyl phthalate	1.378	1.498	-8.7	86	0.01
86	I	Perylene-d12	1.000	1.000	0.0	78	0.02
87		Indeno(1,2,3-cd)pyrene	1.462	1.429	2.3	78	0.04
88		Benzo(b)fluoranthene	1.145	1.141	0.3	79	0.02
89		Benzo(k)fluoranthene	1.130	1.115	1.3	77	0.02
90	C	Benzo(a)pyrene	1.117	1.105	1.1	78	0.03
91		Dibenzo(a,h)anthracene	1.192	1.156	3.0	77	0.05
92		Benzo(g,h,i)perylene	1.172	1.126	3.9	76	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

Sample Results: **BP025228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	66	0.00
2		1,4-Dioxane	40.000	37.296	6.8	64	0.00
3		Pyridine	40.000	38.607	3.5	65	0.00
4		n-Nitrosodimethylamine	40.000	38.874	2.8	65	0.00
5	S	2-Fluorophenol	80.000	78.011	2.5	66	0.00
6		Aniline	40.000	40.638	-1.6	67	0.00
7	S	Phenol-d6	80.000	82.039	-2.5	68	0.00
8		2-Chlorophenol	40.000	40.576	-1.4	68	0.00
9		Benzaldehyde	40.000	39.343	1.6	59	0.00
10	C	Phenol	40.000	40.566	-1.4	67	0.00
11		bis(2-Chloroethyl)ether	40.000	39.793	0.5	66	0.00
12		1,3-Dichlorobenzene	40.000	39.245	1.9	66	0.00
13	C	1,4-Dichlorobenzene	40.000	39.521	1.2	66	0.00
14		1,2-Dichlorobenzene	40.000	40.064	-0.2	67	0.00
15		Benzyl Alcohol	40.000	41.459	-3.6	68	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.458	1.4	66	0.00
17		2-Methylphenol	40.000	41.350	-3.4	68	0.00
18		Hexachloroethane	40.000	39.573	1.1	66	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.082	-2.7	68	0.00
20		3+4-Methylphenols	40.000	41.751	-4.4	69	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	68	0.00
22		Acetophenone	40.000	39.161	2.1	68	0.00
23	S	Nitrobenzene-d5	80.000	79.438	0.7	69	0.00
24		Nitrobenzene	40.000	39.614	1.0	68	0.00
25		Isophorone	40.000	39.287	1.8	68	0.00
26	C	2-Nitrophenol	40.000	40.747	-1.9	69	0.00
27		2,4-Dimethylphenol	40.000	40.112	-0.3	69	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.637	3.4	67	0.00
29	C	2,4-Dichlorophenol	40.000	40.880	-2.2	70	0.00
30		1,2,4-Trichlorobenzene	40.000	39.627	0.9	69	0.00
31		Naphthalene	40.000	39.644	0.9	69	0.00
32		Benzoic acid	40.000	47.799	-19.5	81	0.00
33		4-Chloroaniline	40.000	40.762	-1.9	71	0.00
34	C	Hexachlorobutadiene	40.000	39.183	2.0	68	0.00
35		Caprolactam	40.000	41.859	-4.6	74	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.212	-5.5	74	0.00
37		2-Methylnaphthalene	40.000	40.859	-2.1	71	0.00
38		1-Methylnaphthalene	40.000	40.612	-1.5	70	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.246	1.9	72	0.00
41	P	Hexachlorocyclopentadiene	40.000	28.144	29.6#	51	0.00
42	S	2,4,6-Tribromophenol	80.000	84.128	-5.2	77	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.313	-0.8	73	0.00
44		2,4,5-Trichlorophenol	40.000	41.280	-3.2	74	0.00
45	S	2-Fluorobiphenyl	80.000	80.047	-0.1	73	0.00
46		1,1'-Biphenyl	40.000	39.468	1.3	72	0.00
47		2-Chloronaphthalene	40.000	39.669	0.8	73	0.00

Sample Results: **BP025228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	40.662	-1.7	73	0.00
49		Acenaphthylene	40.000	40.627	-1.6	74	-0.01
50		Dimethylphthalate	40.000	39.404	1.5	73	0.00
51		2,6-Dinitrotoluene	40.000	41.051	-2.6	74	0.00
52	C	Acenaphthene	40.000	40.271	-0.7	74	0.00
53		3-Nitroaniline	40.000	41.445	-3.6	76	0.00
54	P	2,4-Dinitrophenol	40.000	30.972	22.6	57	0.00
55		Dibenzofuran	40.000	40.773	-1.9	75	0.00
56	P	4-Nitrophenol	40.000	42.223	-5.6	79	0.00
57		2,4-Dinitrotoluene	40.000	42.047	-5.1	76	0.00
58		Fluorene	40.000	41.137	-2.8	76	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.296	-5.7	77	0.00
60		Diethylphthalate	40.000	41.387	-3.5	76	-0.01
61		4-Chlorophenyl-phenylether	40.000	40.260	-0.6	74	0.00
62		4-Nitroaniline	40.000	42.134	-5.3	78	-0.01
63		Azobenzene	40.000	41.714	-4.3	77	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	78	0.00
65		4,6-Dinitro-2-methylphenol	40.000	31.439	21.4	60	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.689	0.8	78	0.00
67		4-Bromophenyl-phenylether	40.000	38.788	3.0	76	-0.01
68		Hexachlorobenzene	40.000	39.880	0.3	77	0.00
69		Atrazine	40.000	40.212	-0.5	80	0.00
70	C	Pentachlorophenol	40.000	41.397	-3.5	80	0.00
71		Phenanthrene	40.000	40.193	-0.5	79	0.00
72		Anthracene	40.000	41.055	-2.6	81	0.00
73		Carbazole	40.000	39.986	0.0	79	0.00
74		Di-n-butylphthalate	40.000	42.462	-6.2	82	0.00
75	C	Fluoranthene	40.000	40.231	-0.6	80	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	79	0.01
77		Benzidine	40.000	45.096	-12.7	74	0.00
78		Pyrene	40.000	41.413	-3.5	81	0.00
79	S	Terphenyl-d14	80.000	84.502	-5.6	95	0.00
80		Butylbenzylphthalate	40.000	42.660	-6.6	84	0.00
81		Benzo(a)anthracene	40.000	39.386	1.5	79	0.01
82		3,3'-Dichlorobenzidine	40.000	40.337	-0.8	82	0.01
83		Chrysene	40.000	40.130	-0.3	81	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	44.060	-10.2	87	0.01
85	c	Di-n-octyl phthalate	40.000	43.487	-8.7	86	0.01
86	I	Perylene-d12	20.000	20.000	0.0	78	0.02
87		Indeno(1,2,3-cd)pyrene	40.000	39.107	2.2	78	0.04
88		Benzo(b)fluoranthene	40.000	39.882	0.3	79	0.02
89		Benzo(k)fluoranthene	40.000	39.445	1.4	77	0.02
90	C	Benzo(a)pyrene	40.000	39.566	1.1	78	0.03
91		Dibenzo(a,h)anthracene	40.000	38.794	3.0	77	0.05
92		Benzo(g,h,i)perylene	40.000	38.429	3.9	76	0.04

Sample Results: **BP025228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 21:42

Lab File ID: BP025233.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:25 19:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.184	1.161		-1.9	50.0
Phenol-d6	1.466	1.503		2.5	50.0
Nitrobenzene-d5	0.360	0.360		0.0	50.0
Naphthalene	1.023	1.005		-1.8	50.0
2-Methylnaphthalene	0.665	0.662		-0.5	50.0
2-Fluorobiphenyl	1.419	1.404		-1.1	50.0
Acenaphthylene	1.831	1.861		1.6	50.0
Acenaphthene	1.059	1.056		-0.3	50.0
Fluorene	1.358	1.361		0.2	50.0
2,4,6-Tribromophenol	0.295	0.311		5.4	50.0
Phenanthrene	1.079	1.050		-2.7	50.0
Anthracene	1.087	1.097		0.9	50.0
Fluoranthene	1.270	1.277		0.6	50.0
Pyrene	1.233	1.278		3.7	50.0
Terphenyl-d14	1.013	1.049		3.6	50.0
Benzo(a)anthracene	1.263	1.273		0.8	50.0
Chrysene	1.179	1.179		0.0	50.0
Benzo(b)fluoranthene	1.145	1.134		-1.0	50.0
Benzo(k)fluoranthene	1.130	1.134		0.4	50.0
Benzo(a)pyrene	1.117	1.108		-0.8	50.0
Indeno(1,2,3-cd)pyrene	1.462	1.400		-4.2	50.0
Dibenzo(a,h)anthracene	1.192	1.152		-3.4	50.0
Benzo(g,h,i)perylene	1.172	1.117		-4.7	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	486392	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2051102	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1370558	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2883559	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2956396	20.000	ng	0.02
86) Perylene-d12	24.477	264	3473449	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2258261	78.448	ng	0.00
7) Phenol-d6	6.643	99	2924592	82.028	ng	0.00
23) Nitrobenzene-d5	8.566	82	2950379	79.938	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1706747	84.471	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	7695730	79.162	ng	0.00
79) Terphenyl-d14	19.654	244	12406923	82.843	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	397207	36.816	ng	100
3) Pyridine	3.490	79	1109616	38.421	ng	99
4) n-Nitrosodimethylamine	3.402	42	444244	38.788	ng	96
6) Aniline	6.778	93	1898180	40.729	ng	100
8) 2-Chlorophenol	7.013	128	1321396	40.456	ng	98
9) Benzaldehyde	6.596	77	949698	39.287	ng	99
10) Phenol	6.672	94	1508036	40.785	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	1121618	39.567	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1452254	39.538	ng	100
13) 1,4-Dichlorobenzene	7.466	146	1483481	40.012	ng	100
14) 1,2-Dichlorobenzene	7.772	146	1421955	39.868	ng	99
15) Benzyl Alcohol	7.678	79	1059972	41.216	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.954	45	1433241	39.515	ng	99
17) 2-Methylphenol	7.878	107	1060398	41.367	ng	99
18) Hexachloroethane	8.490	117	498970	39.134	ng	99
19) n-Nitroso-di-n-propyla...	8.231	70	883396	41.187	ng	99
20) 3+4-Methylphenols	8.201	107	1460321	41.763	ng	99
22) Acetophenone	8.243	105	1873231	39.248	ng	99
24) Nitrobenzene	8.607	77	1306930	39.723	ng	97
25) Isophorone	9.137	82	2529208	38.968	ng	99
26) 2-Nitrophenol	9.301	139	770795	40.797	ng	99
27) 2,4-Dimethylphenol	9.384	122	1266095	40.048	ng	98
28) bis(2-Chloroethoxy)met...	9.607	93	1570117	38.676	ng	100
29) 2,4-Dichlorophenol	9.843	162	1331278	40.989	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	1406328	39.643	ng	99
31) Naphthalene	10.231	128	4124668	39.298	ng	99
32) Benzoic acid	9.543	122	1111311	46.045	ng	99
33) 4-Chloroaniline	10.337	127	1869350	40.517	ng	100
34) Hexachlorobutadiene	10.525	225	833477	39.036	ng	99
35) Caprolactam	11.143	113	443549	41.148	ng	99
36) 4-Chloro-3-methylphenol	11.490	107	1351811	41.636	ng	99
37) 2-Methylnaphthalene	11.860	142	2717041	39.866	ng	100
38) 1-Methylnaphthalene	12.072	142	2872029	40.117	ng	99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1614608	39.302	ng	100
41) Hexachlorocyclopentadiene	12.225	237	659255	26.882	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	1136475	40.487	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

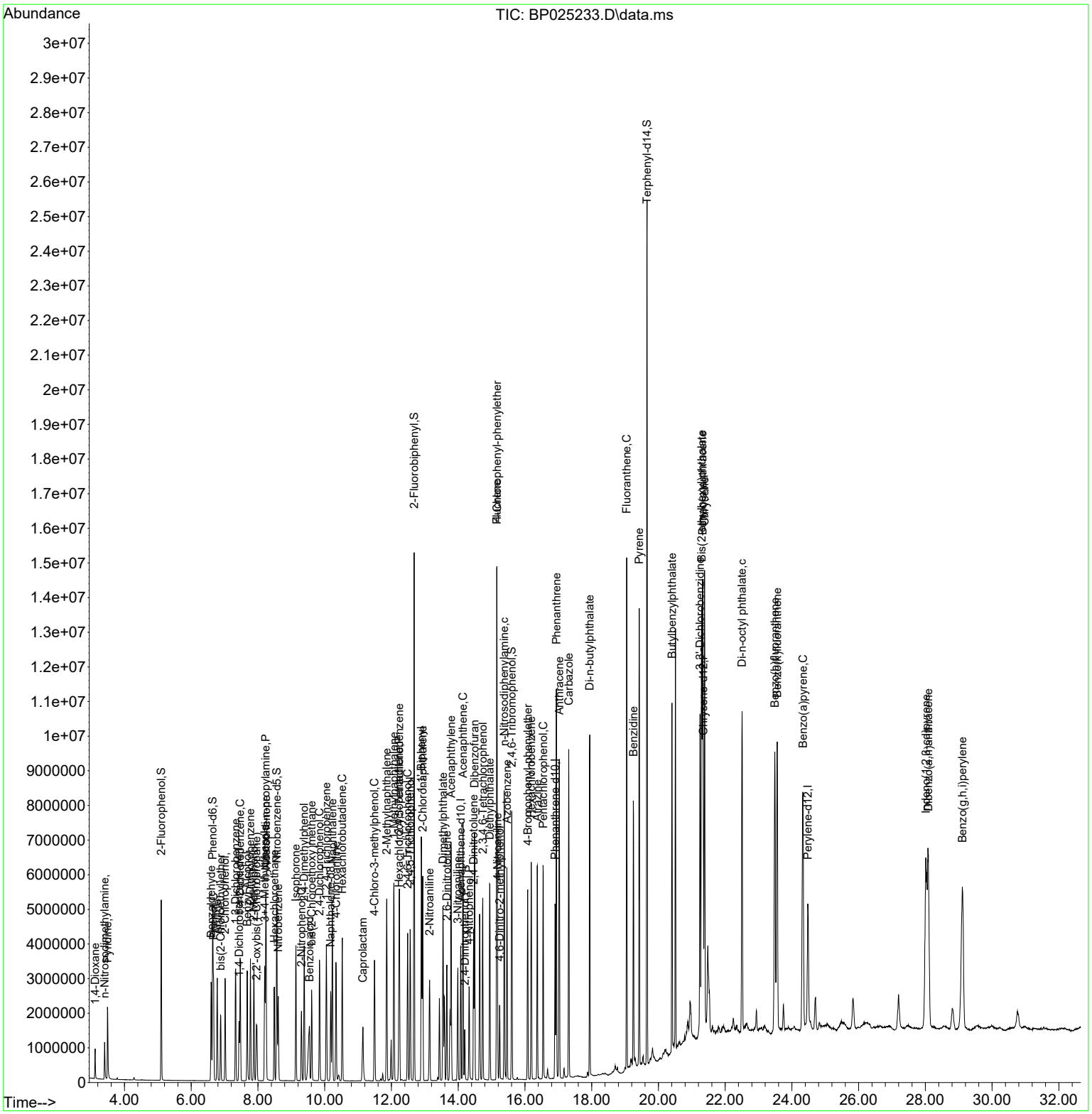
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1279374	41.417	ng	99
46) 1,1'-Biphenyl	12.895	154	3887696	39.129	ng	99
47) 2-Chloronaphthalene	12.937	162	3081144	39.721	ng	100
48) 2-Nitroaniline	13.142	65	812555	41.019	ng	98
49) Acenaphthylene	13.784	152	5100046	40.650	ng	100
50) Dimethylphthalate	13.542	163	3880581	39.591	ng	100
51) 2,6-Dinitrotoluene	13.660	165	859297	40.347	ng	99
52) Acenaphthene	14.142	154	2894112	39.892	ng	100
53) 3-Nitroaniline	13.989	138	992269	41.315	ng	96
54) 2,4-Dinitrophenol	14.195	184	359141	28.461	ng	99
55) Dibenzofuran	14.489	168	4655796	39.729	ng	100
56) 4-Nitrophenol	14.331	139	854420	41.574	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1256168	42.136	ng	98
58) Fluorene	15.154	166	3731050	40.103	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.736	232	1154082	42.216	ng	100
60) Diethylphthalate	14.948	149	3906414	40.436	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1876429	39.914	ng	99
62) 4-Nitroaniline	15.178	138	1025103	41.969	ng	99
63) Azobenzene	15.460	77	3222733	40.936	ng	98
65) 4,6-Dinitro-2-methylph...	15.242	198	530459	28.505	ng	99
66) n-Nitrosodiphenylamine	15.378	169	3410177	38.963	ng	98
67) 4-Bromophenyl-phenylether	16.083	248	1314338	39.056	ng	99
68) Hexachlorobenzene	16.189	284	1567252	39.216	ng	97
69) Atrazine	16.372	200	1268958	39.181	ng	99
70) Pentachlorophenol	16.548	266	1130406	41.595	ng	100
71) Phenanthrene	16.942	178	6056777	38.944	ng	100
72) Anthracene	17.030	178	6328083	40.390	ng	100
73) Carbazole	17.313	167	5919022	39.575	ng	99
74) Di-n-butylphthalate	17.942	149	7253259	42.030	ng	99
75) Fluoranthene	19.048	202	7366038	40.243	ng	99
77) Benzidine	19.248	184	4453862	42.911	ng	100
78) Pyrene	19.424	202	7558775	41.466	ng	99
80) Butylbenzylphthalate	20.407	149	3567496	43.234	ng	98
81) Benzo(a)anthracene	21.324	228	7528594	40.325	ng	99
82) 3,3'-Dichlorobenzidine	21.248	252	3114856	40.249	ng	99
83) Chrysene	21.383	228	6971303	40.000	ng	100
84) Bis(2-ethylhexyl)phtha...	21.295	149	5261242	44.592	ng	100
85) Di-n-octyl phthalate	22.507	149	8952122	43.938	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	9723383	38.306	ng	99
88) Benzo(b)fluoranthene	23.489	252	7879892	39.633	ng	99
89) Benzo(k)fluoranthene	23.560	252	7877583	40.134	ng	100
90) Benzo(a)pyrene	24.330	252	7700098	39.694	ng	99
91) Dibenzo(a,h)anthracene	28.089	278	8004435	38.652	ng	99
92) Benzo(g,h,i)perylene	29.106	276	7762421	38.142	ng	98

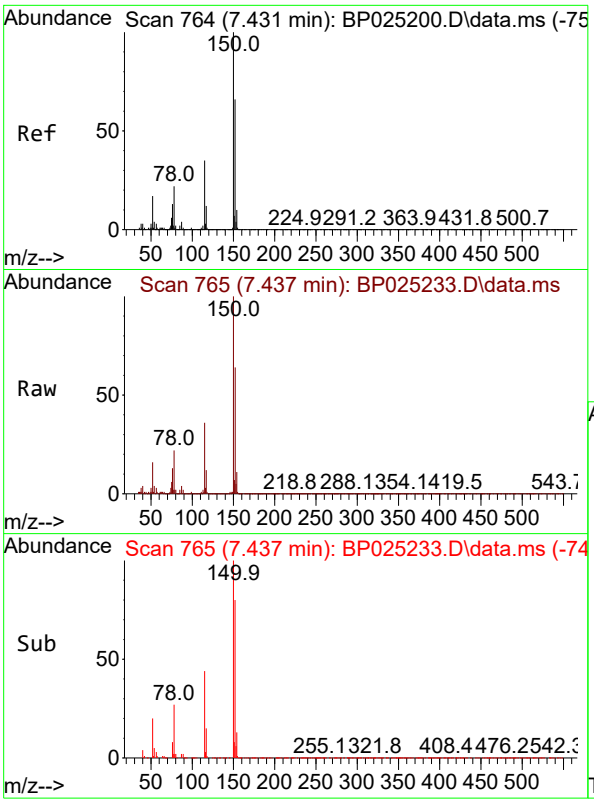
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



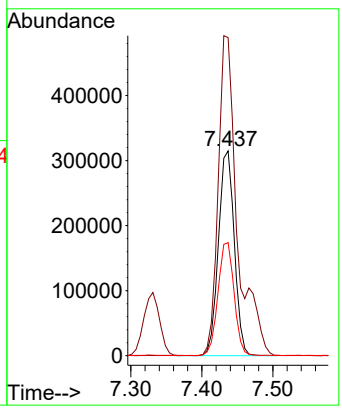


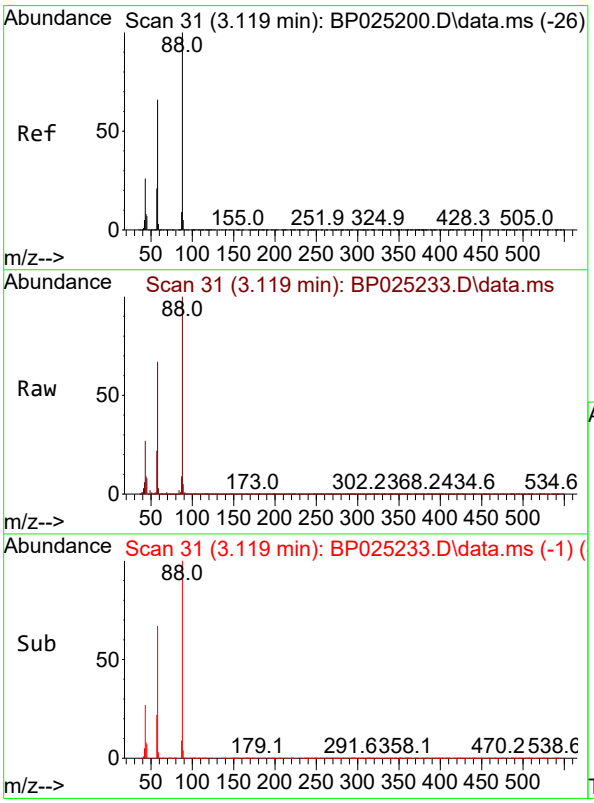
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 486392

Ion	Ratio	Lower	Upper
152	100		
150	155.3	121.9	182.9
115	55.2	43.0	64.6

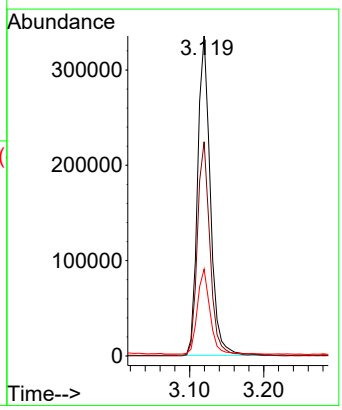


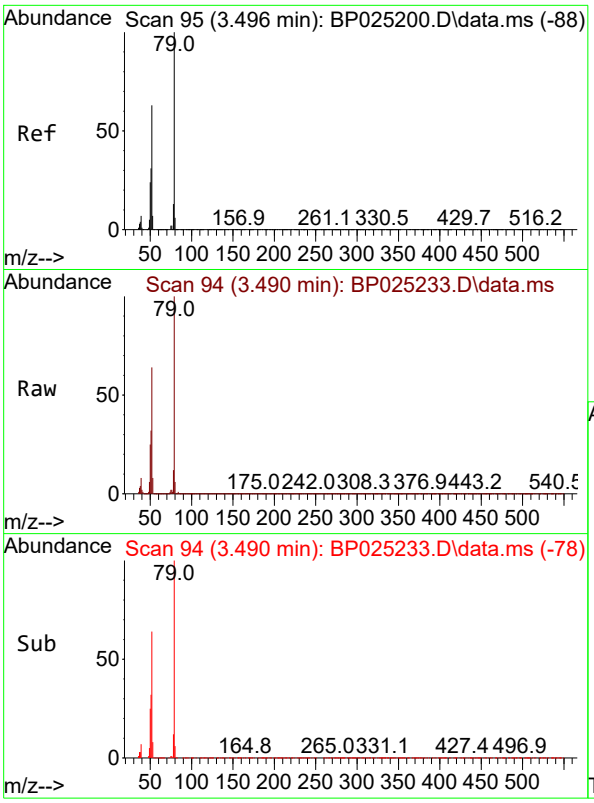


#2
1,4-Dioxane
Concen: 36.816 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 88 Resp: 397207

Ion	Ratio	Lower	Upper
88	100		
58	67.1	53.5	80.3
43	26.2	20.8	31.2



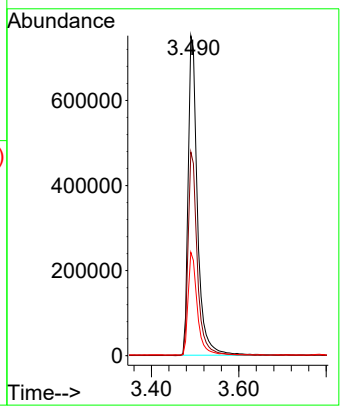


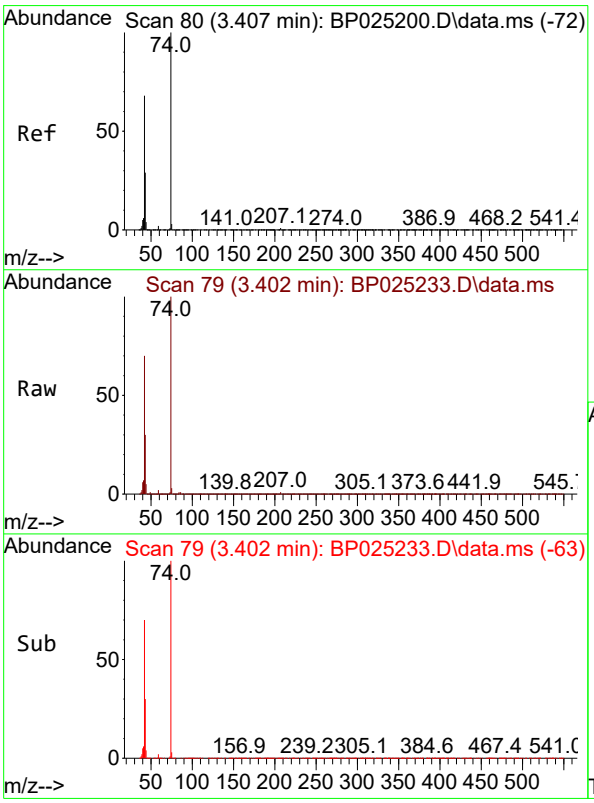
#3
Pyridine
Concen: 38.421 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 1109616

Ion	Ratio	Lower	Upper
79	100		
52	63.7	50.2	75.4
51	32.3	25.0	37.4

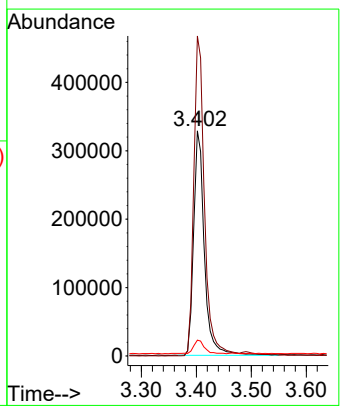


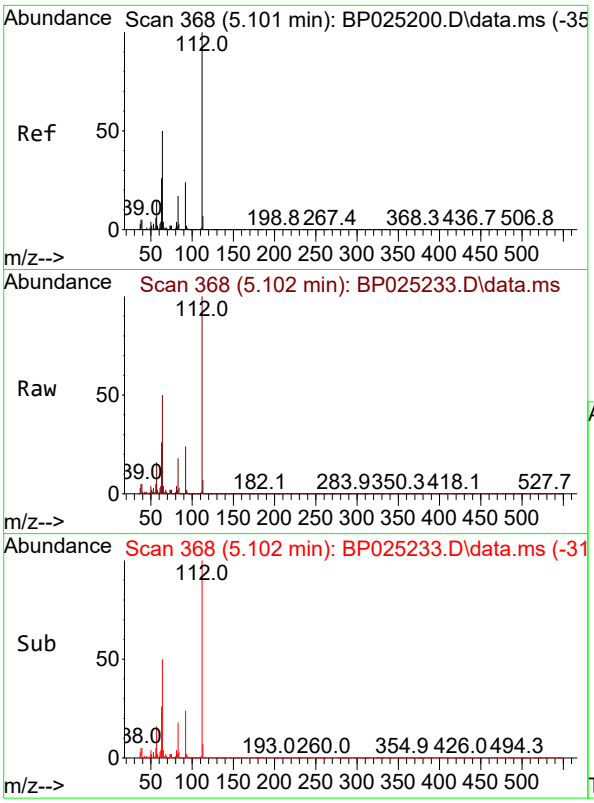


#4
n-Nitrosodimethylamine
Concen: 38.788 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 42 Resp: 444244

Ion	Ratio	Lower	Upper
42	100		
74	142.2	118.0	177.0
44	7.0	5.5	8.3



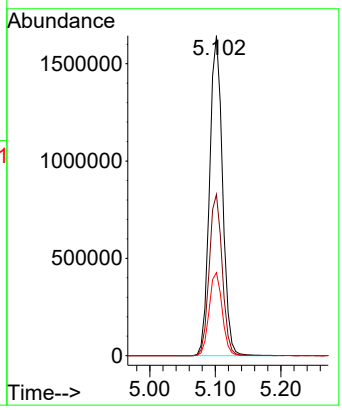


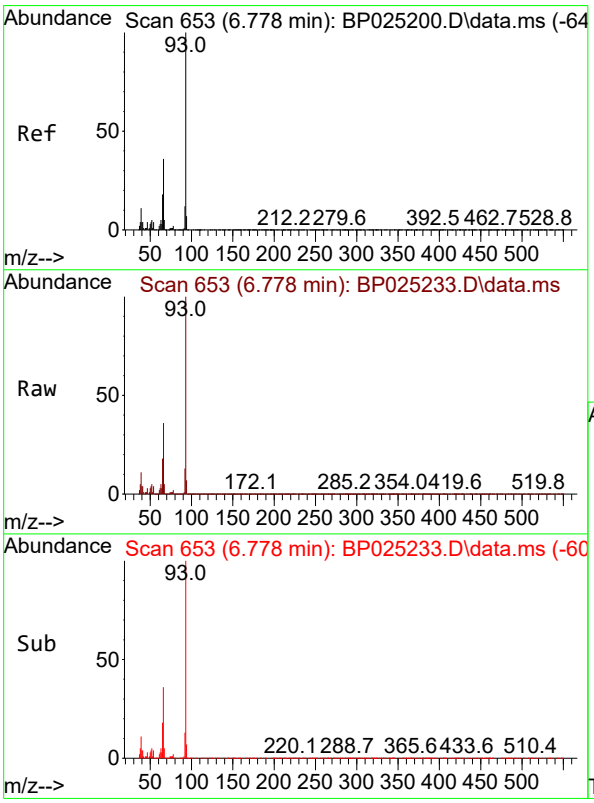
#5
2-Fluorophenol
Concen: 78.448 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 2258261

Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.8	59.6
63	26.0	20.5	30.7

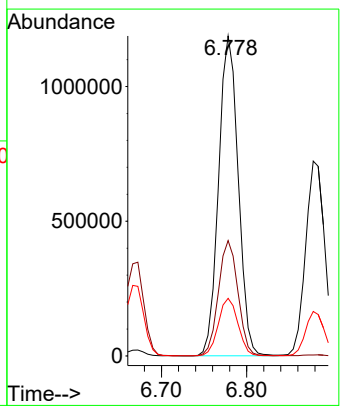


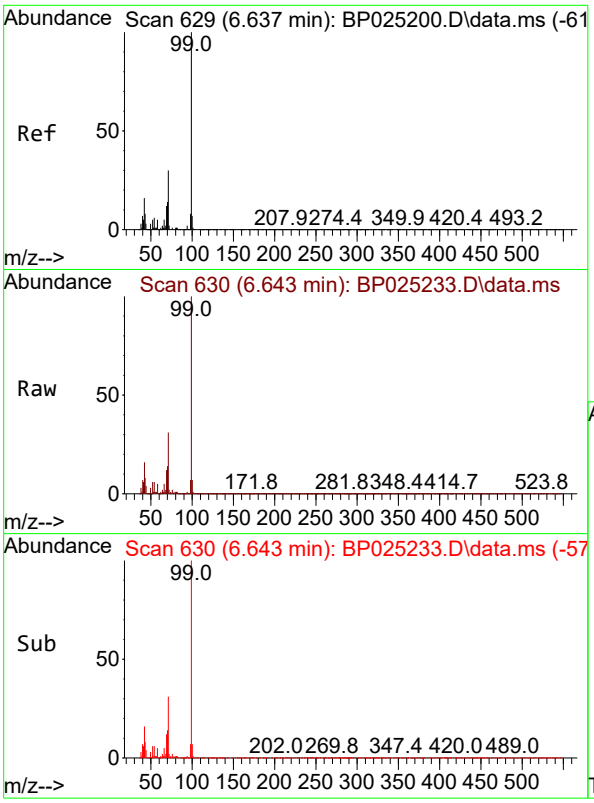


#6
Aniline
Concen: 40.729 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 93 Resp: 1898180

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.6	43.0
65	18.0	14.6	21.8



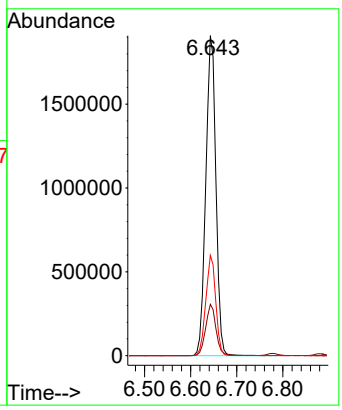


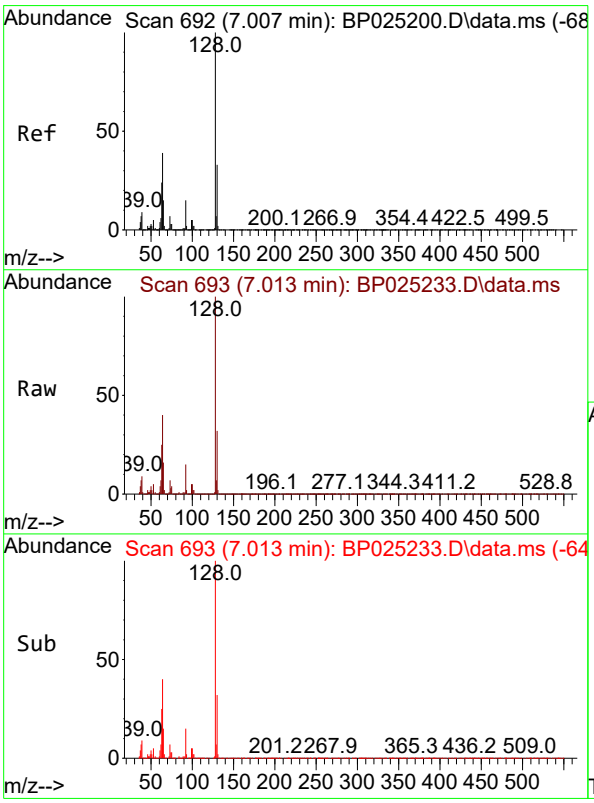
#7
Phenol-d6
Concen: 82.028 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 2924592

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	31.4	24.2	36.2

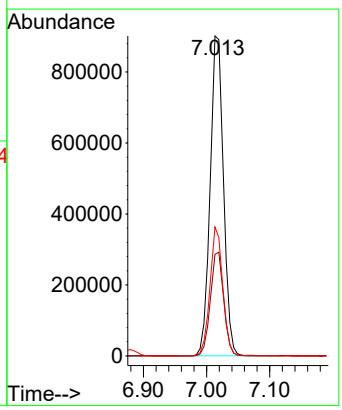


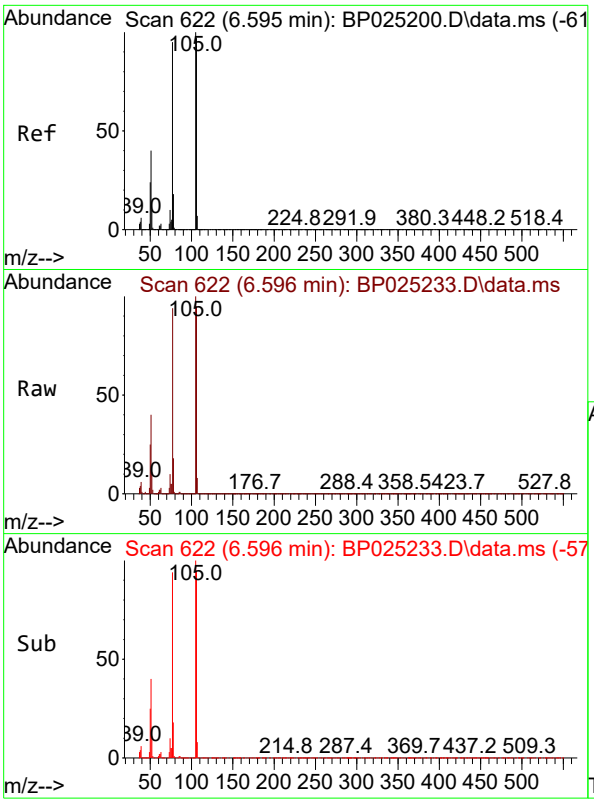


#8
2-Chlorophenol
Concen: 40.456 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:128 Resp: 1321396

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	40.3	19.2	59.2



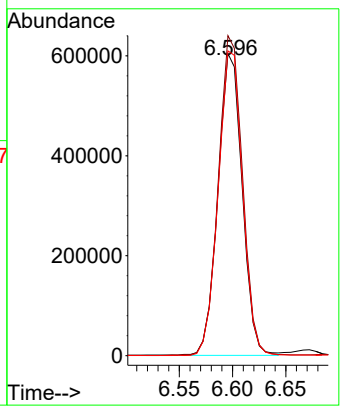


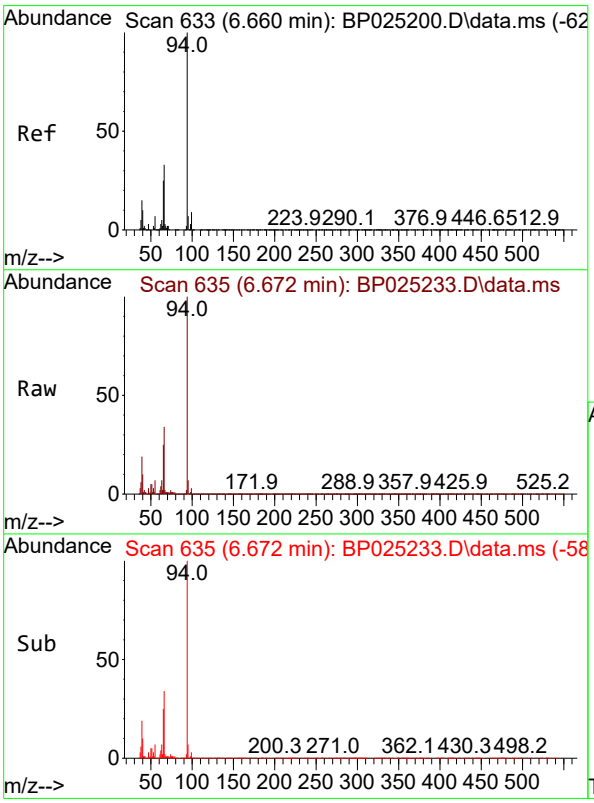
#9
Benzaldehyde
Concen: 39.287 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 949698

Ion	Ratio	Lower	Upper
77	100		
105	105.9	85.5	125.5
106	100.9	81.9	121.9

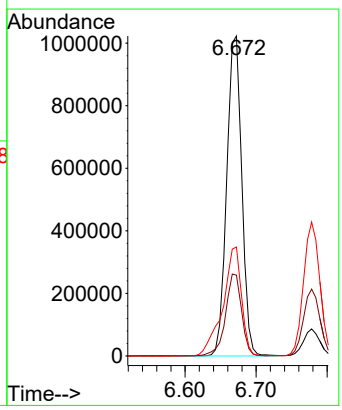


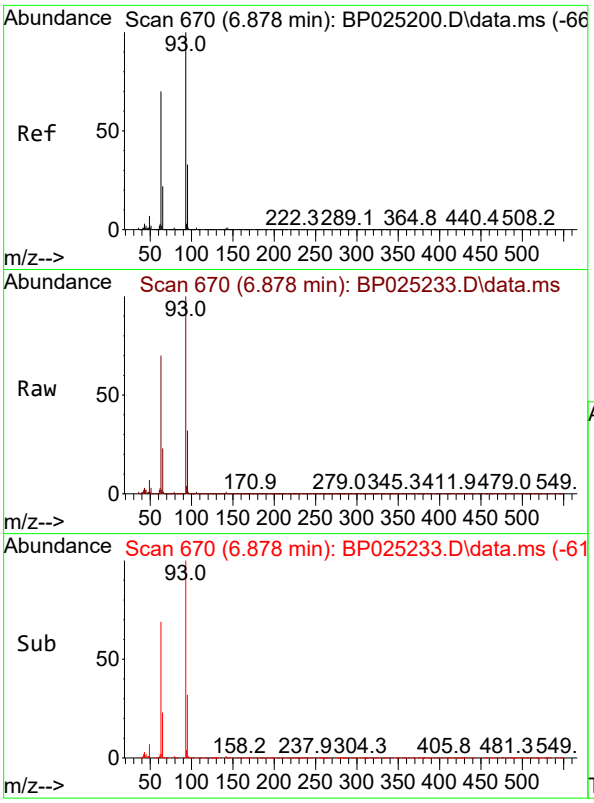


#10
Phenol
Concen: 40.785 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 94 Resp: 1508036

Ion	Ratio	Lower	Upper
94	100		
65	25.3	5.4	45.4
66	34.0	13.5	53.5



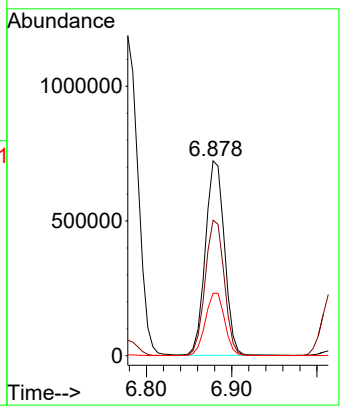


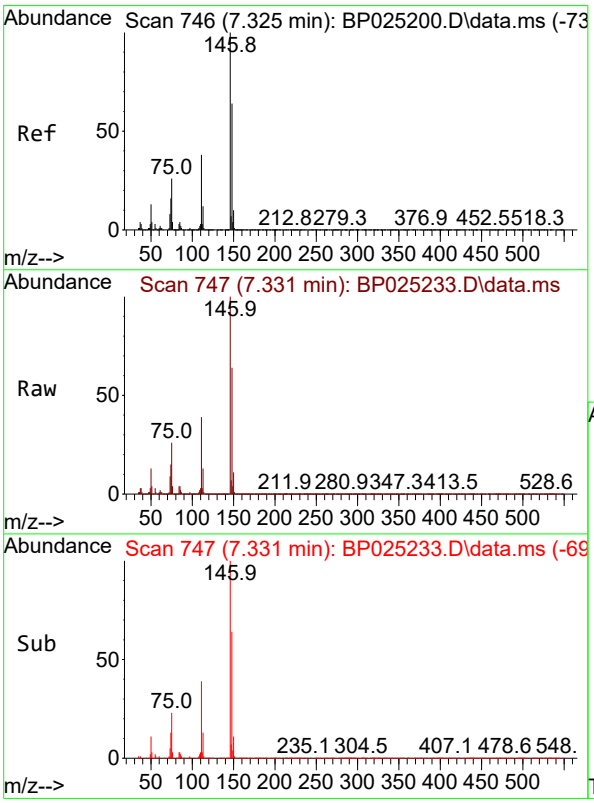
#11
bis(2-Chloroethyl)ether
Concen: 39.567 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 1121618

Ion	Ratio	Lower	Upper
93	100		
63	69.6	50.0	90.0
95	32.0	12.9	52.9

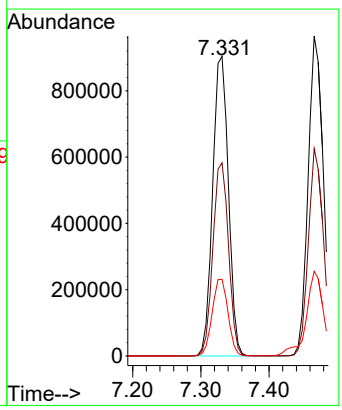


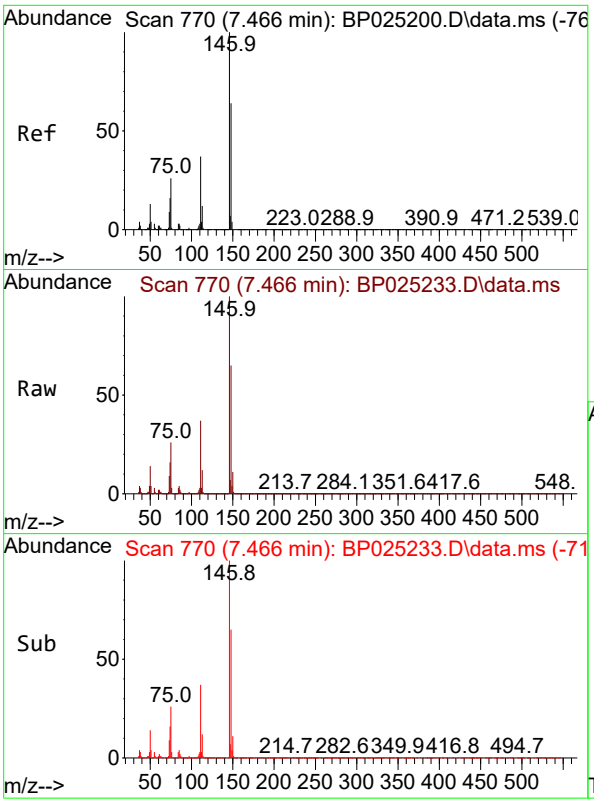


#12
1,3-Dichlorobenzene
Concen: 39.538 ng
RT: 7.331 min Scan# 747
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:146 Resp: 1452254

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	25.6	20.6	31.0



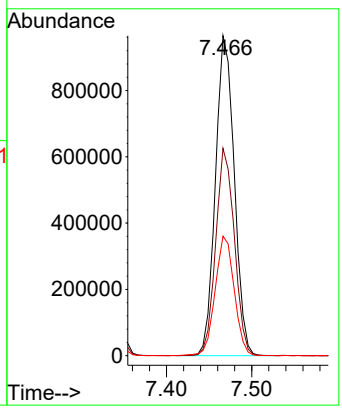


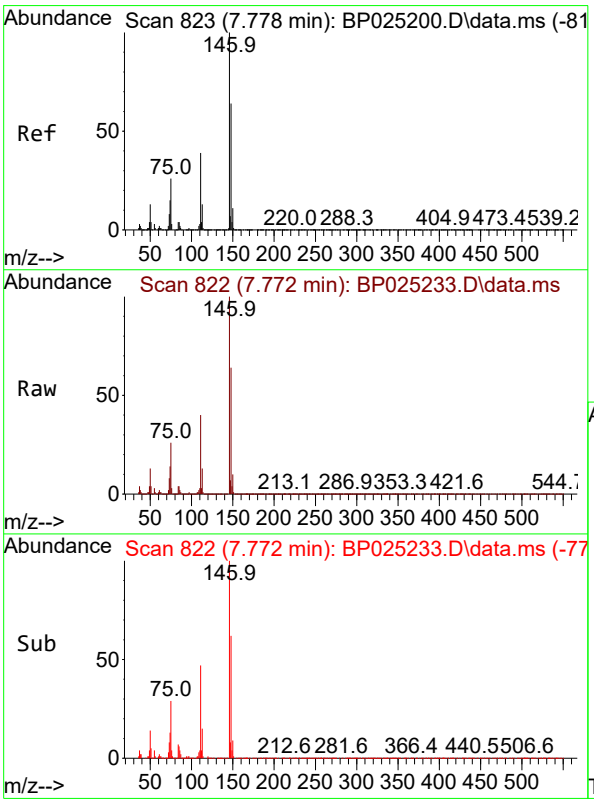
#13
1,4-Dichlorobenzene
Concen: 40.012 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 1483481

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	37.3	29.9	44.9

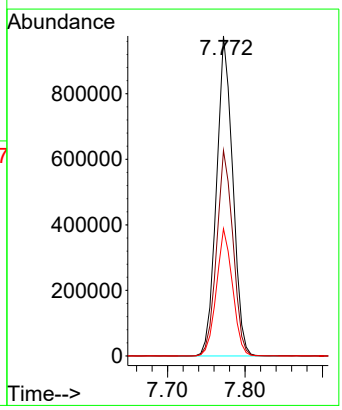


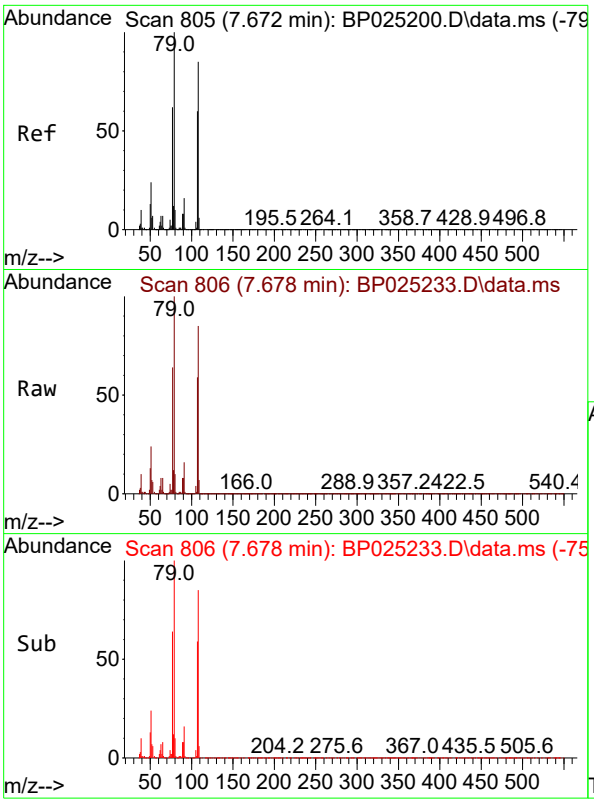


#14
1,2-Dichlorobenzene
Concen: 39.868 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:146 Resp: 1421955

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
111	39.7	31.3	46.9



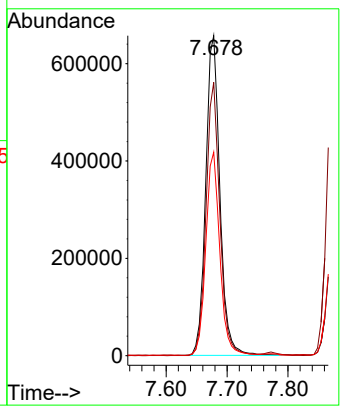


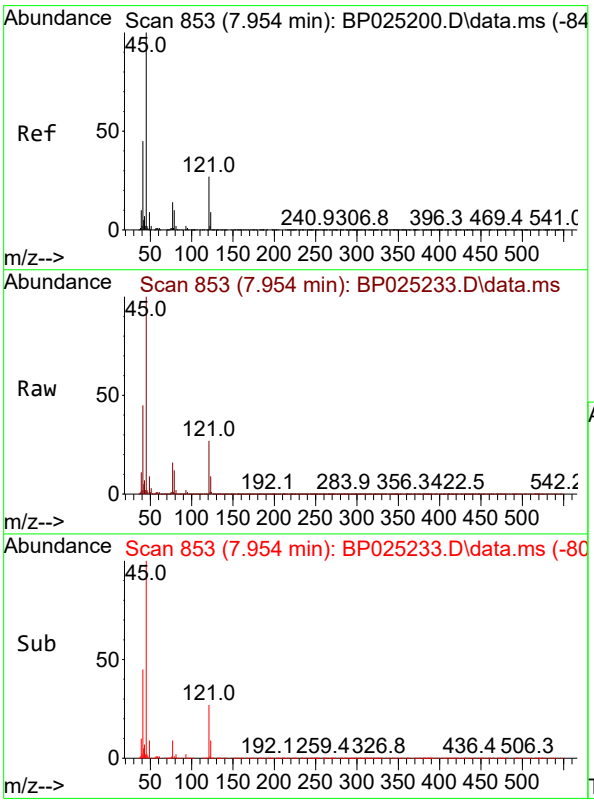
#15
Benzyl Alcohol
Concen: 41.216 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 1059972

Ion	Ratio	Lower	Upper
79	100		
108	85.4	67.8	101.6
77	63.6	49.9	74.9

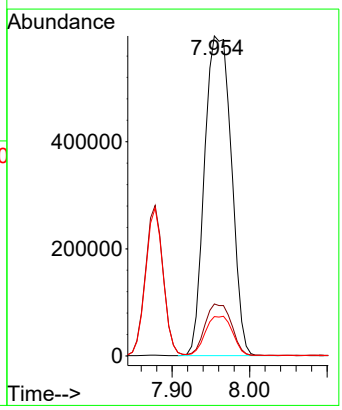


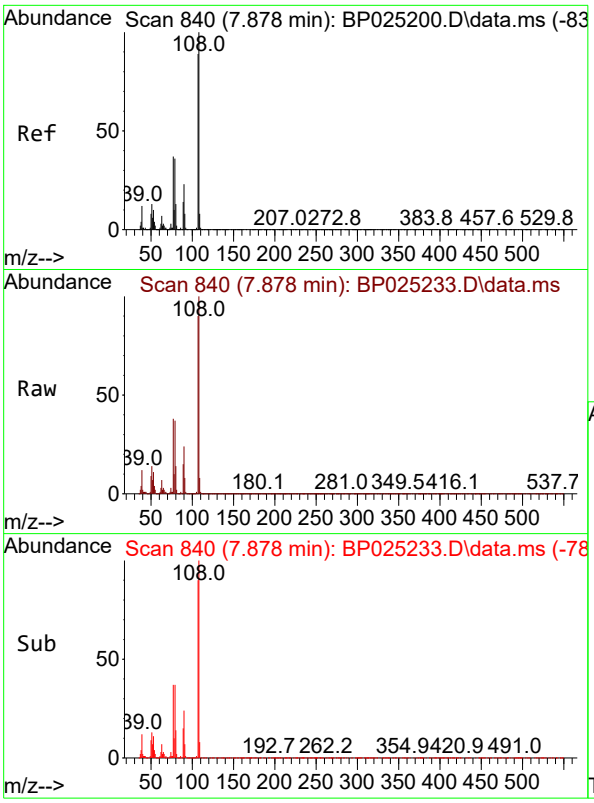


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.515 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 45 Resp: 1433241

Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	36.0
79	12.3	0.0	31.7



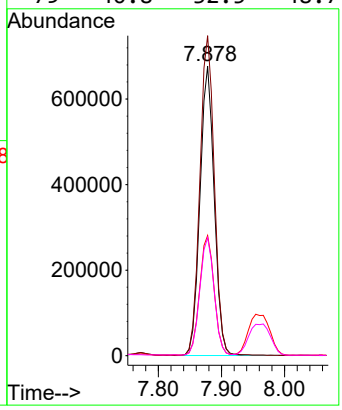


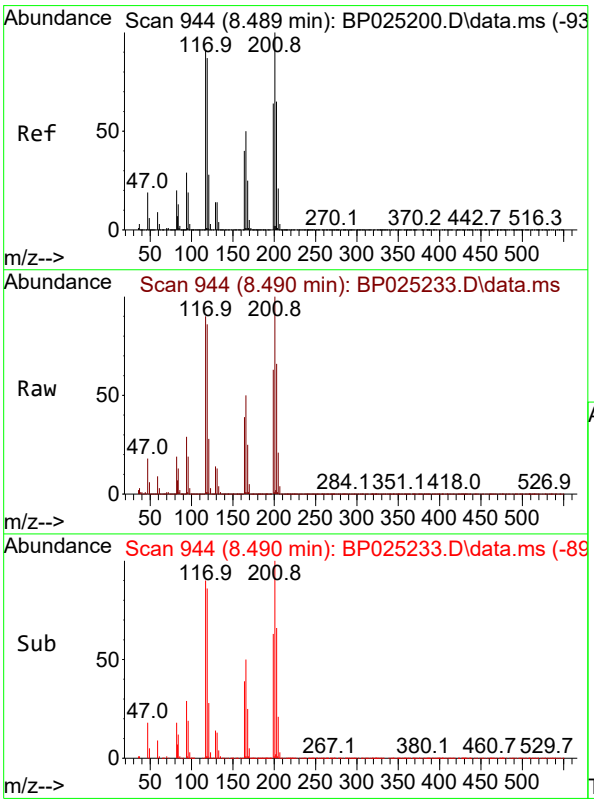
#17
2-Methylphenol
Concen: 41.367 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 1060398

Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.8	134.8
77	41.5	33.2	49.8
79	40.8	32.5	48.7

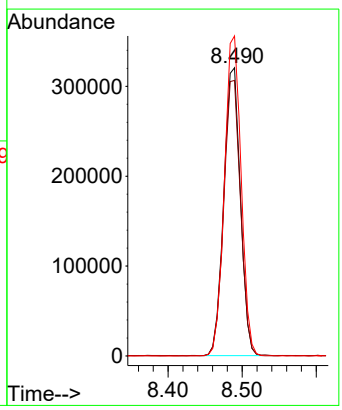


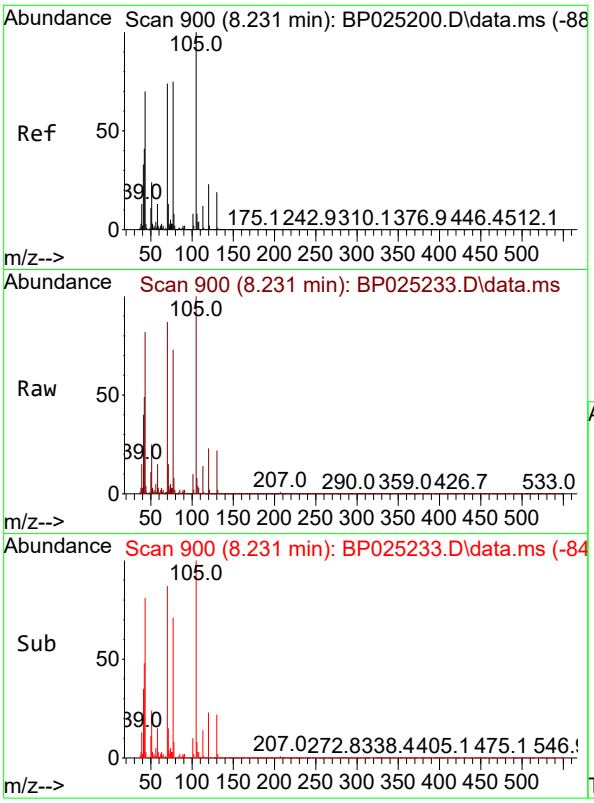


#18
Hexachloroethane
Concen: 39.134 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:117 Resp: 498970

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.6
201	111.1	88.3	132.5



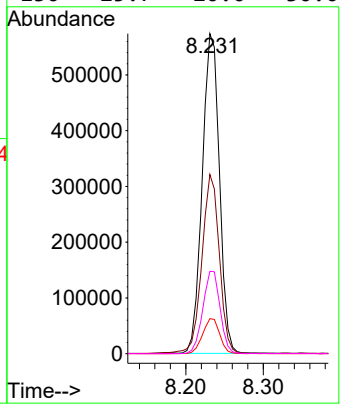


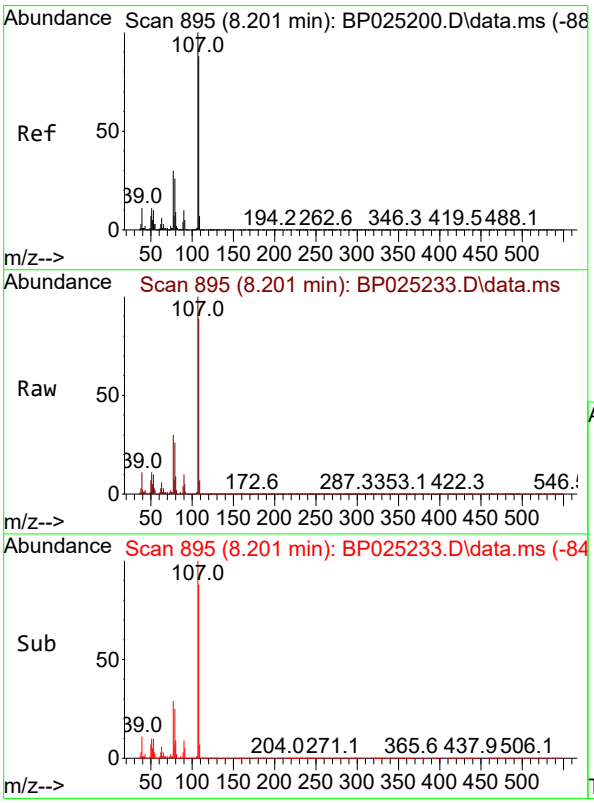
#19
n-Nitroso-di-n-propylamine
Concen: 41.187 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 883396

Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.2	66.2
101	10.9	8.6	12.8
130	25.7	20.0	30.0

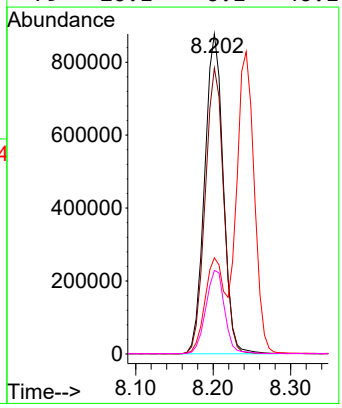


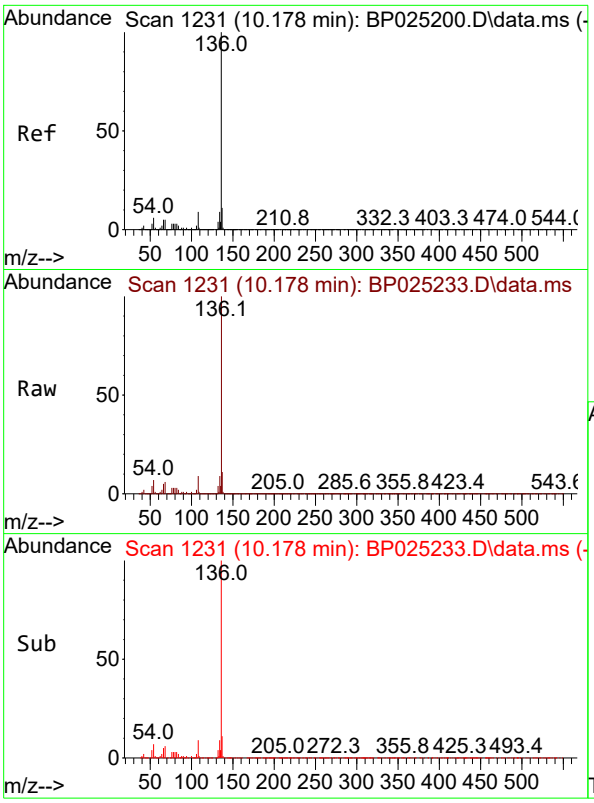


#20
3+4-Methylphenols
Concen: 41.763 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:107 Resp: 1460321

Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.8	107.8
77	30.1	10.3	50.3
79	26.1	6.1	46.1



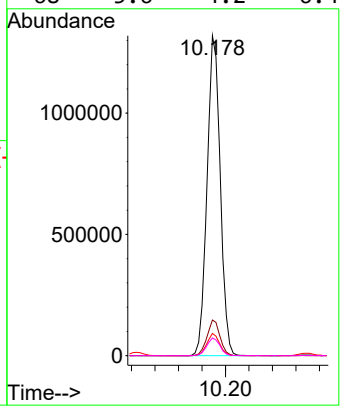


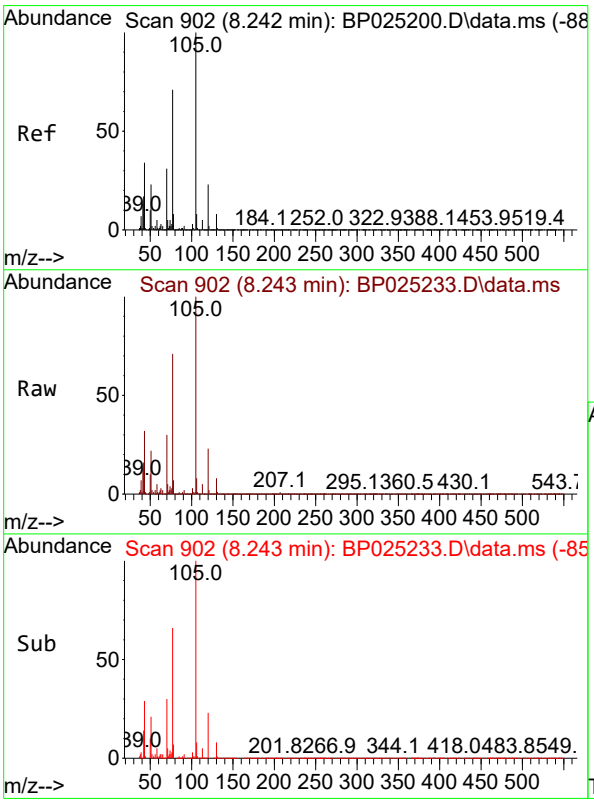
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 2051102

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.9	5.1	7.7
68	5.6	4.2	6.4

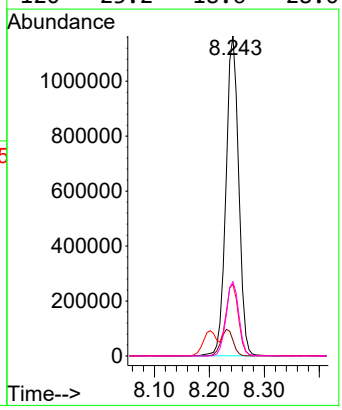


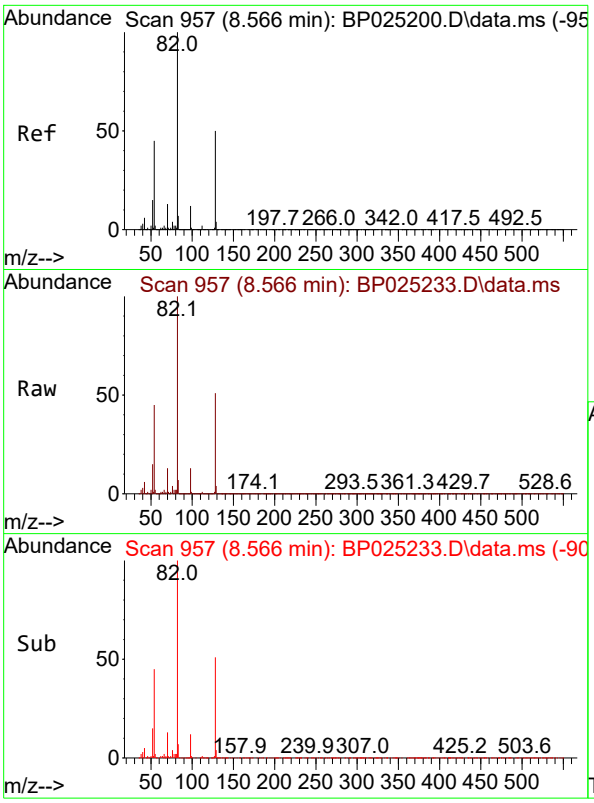


#22
Acetophenone
Concen: 39.248 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:105 Resp: 1873231

Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.1	6.1
51	22.4	18.5	27.7
120	23.2	18.6	28.0



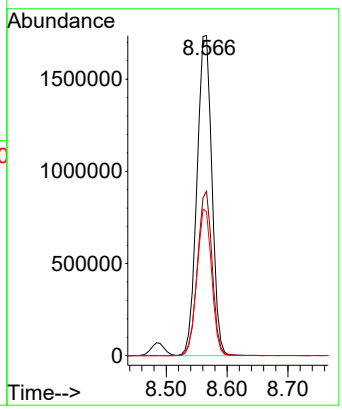


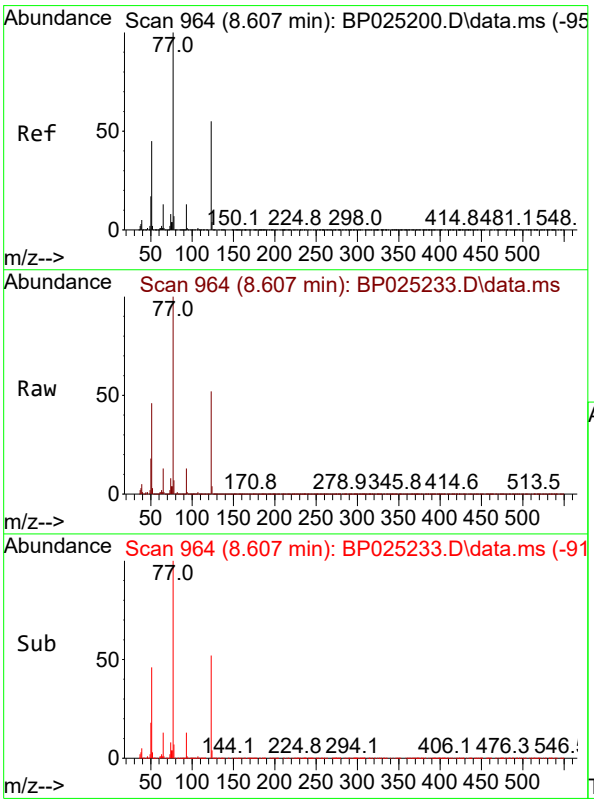
#23
Nitrobenzene-d5
Concen: 79.938 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 2950379

Ion	Ratio	Lower	Upper
82	100		
128	51.4	40.2	60.4
54	45.0	36.3	54.5

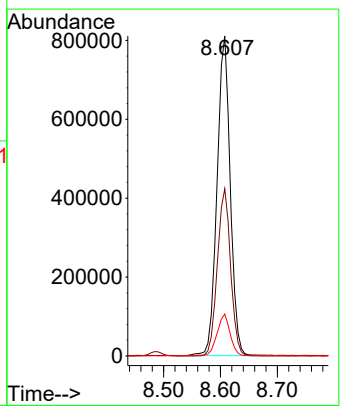


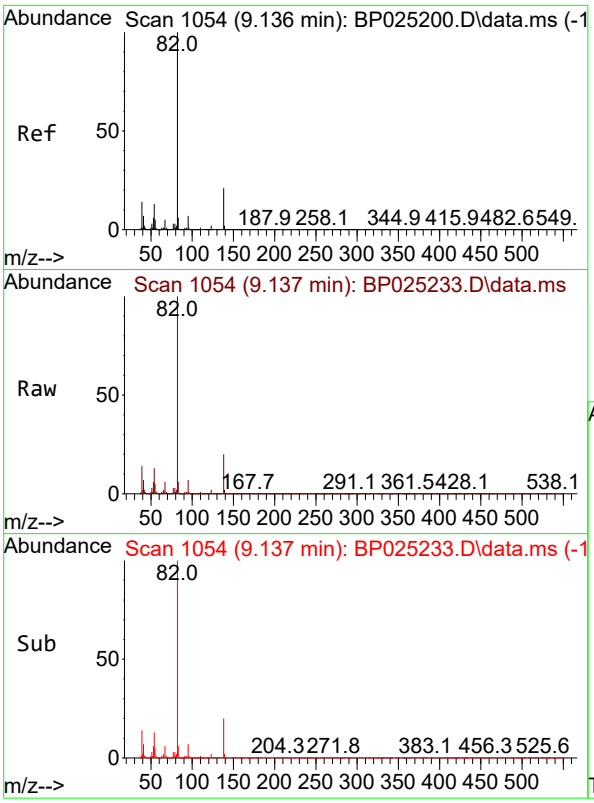


#24
Nitrobenzene
Concen: 39.723 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 77 Resp: 1306930

Ion	Ratio	Lower	Upper
77	100		
123	52.3	43.6	65.4
65	13.1	10.2	15.2



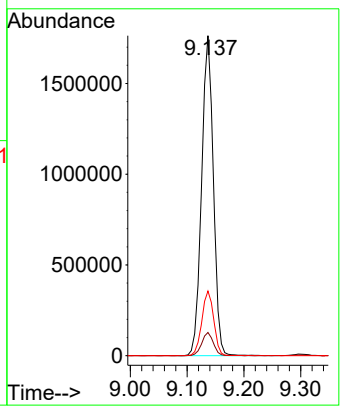


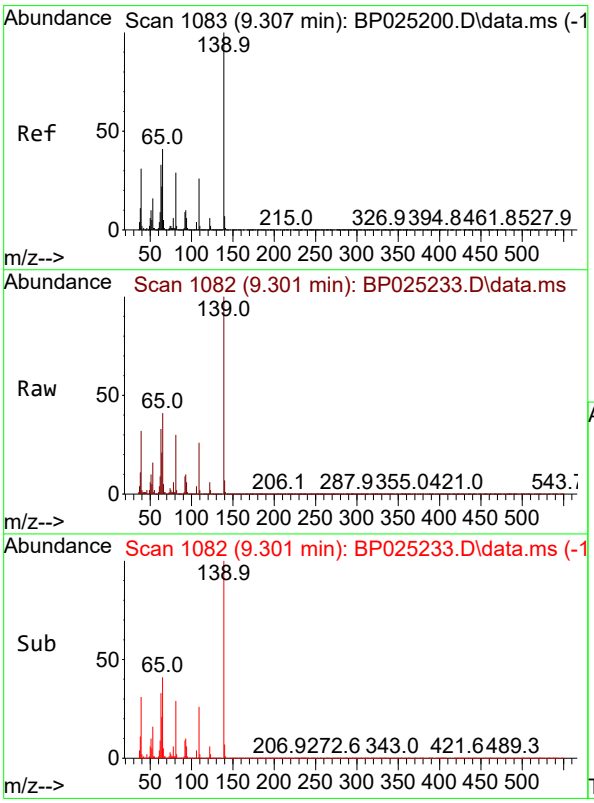
#25
Isophorone
Concen: 38.968 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 2529208

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	20.2	16.6	25.0

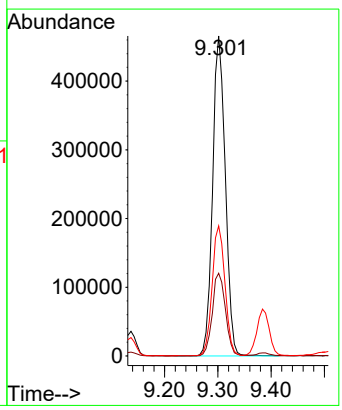


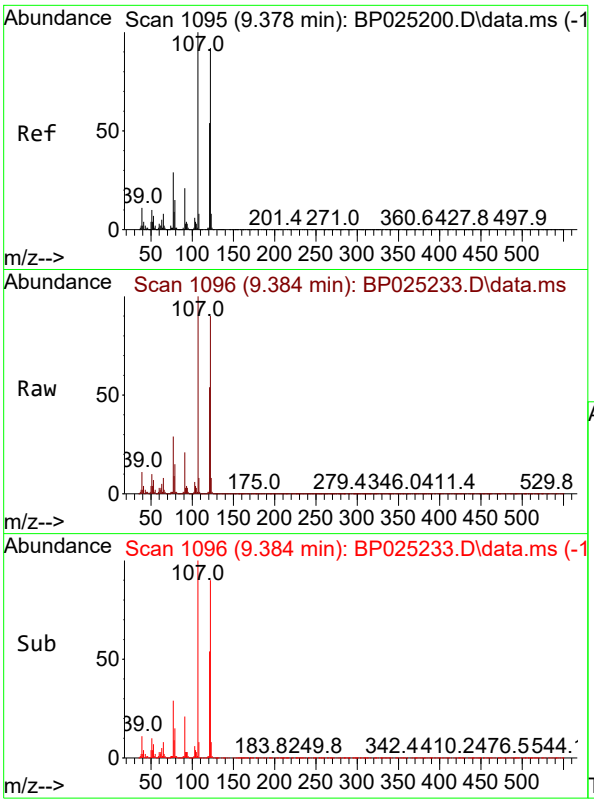


#26
2-Nitrophenol
Concen: 40.797 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:139 Resp: 770795

Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.0	31.6
65	40.6	32.7	49.1



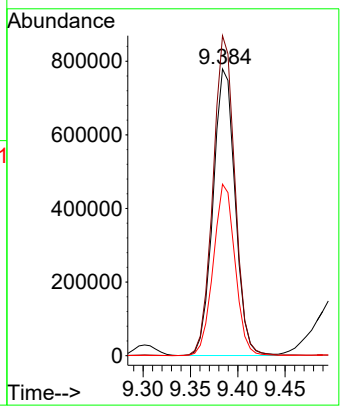


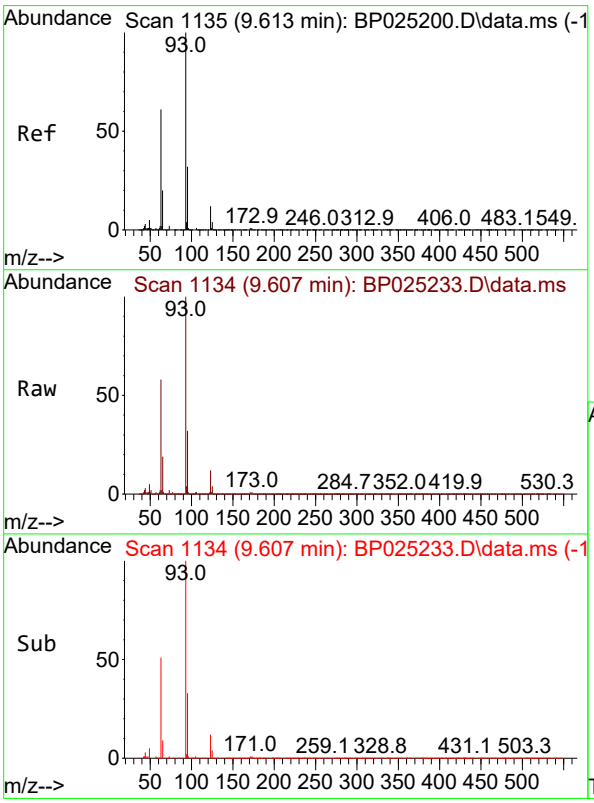
#27
2,4-Dimethylphenol
Concen: 40.048 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 1266095

Ion	Ratio	Lower	Upper
122	100		
107	111.6	87.0	130.4
121	59.8	46.7	70.1

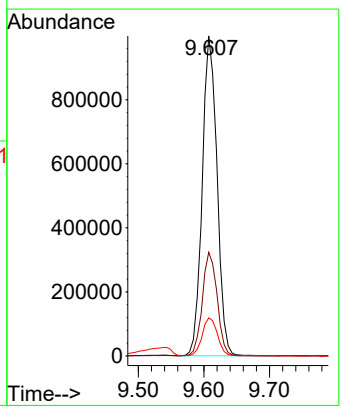


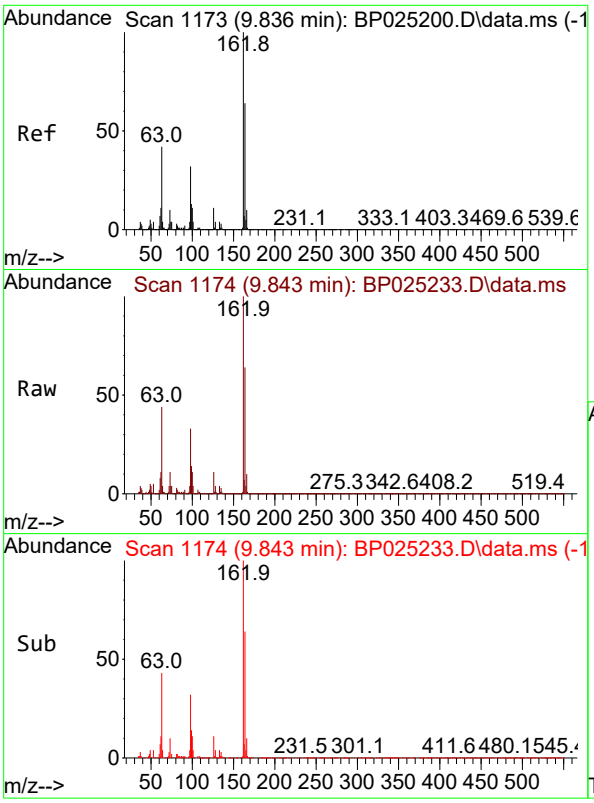


#28
bis(2-Chloroethoxy)methane
Concen: 38.676 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 93 Resp: 1570117

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	11.9	9.8	14.6



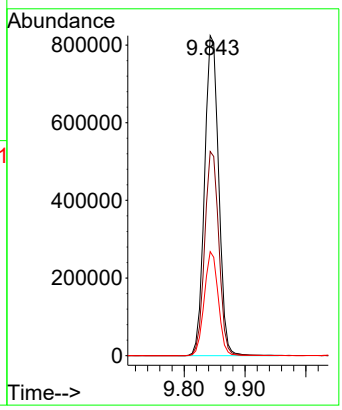


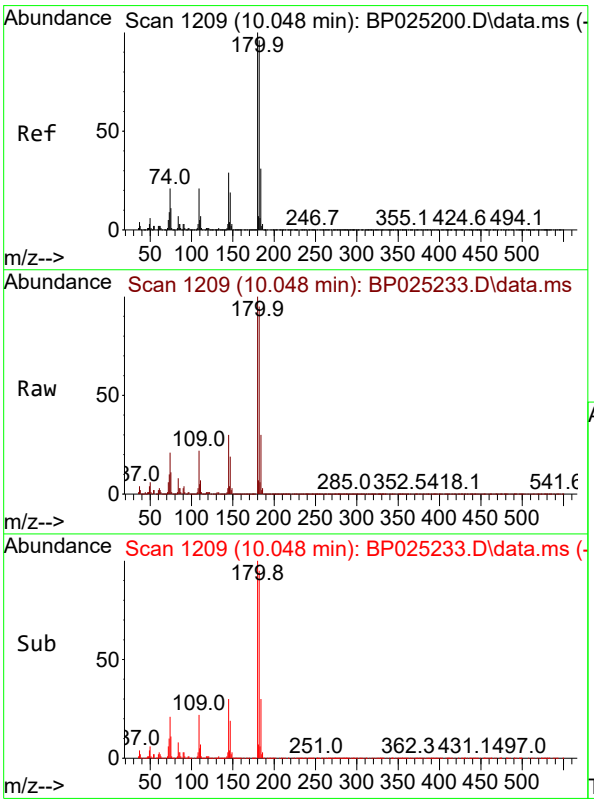
#29
2,4-Dichlorophenol
Concen: 40.989 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 1331278

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.2	84.2
98	32.5	11.7	51.7

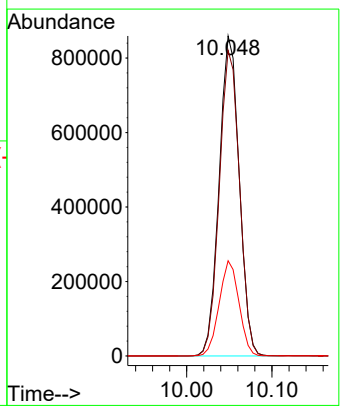


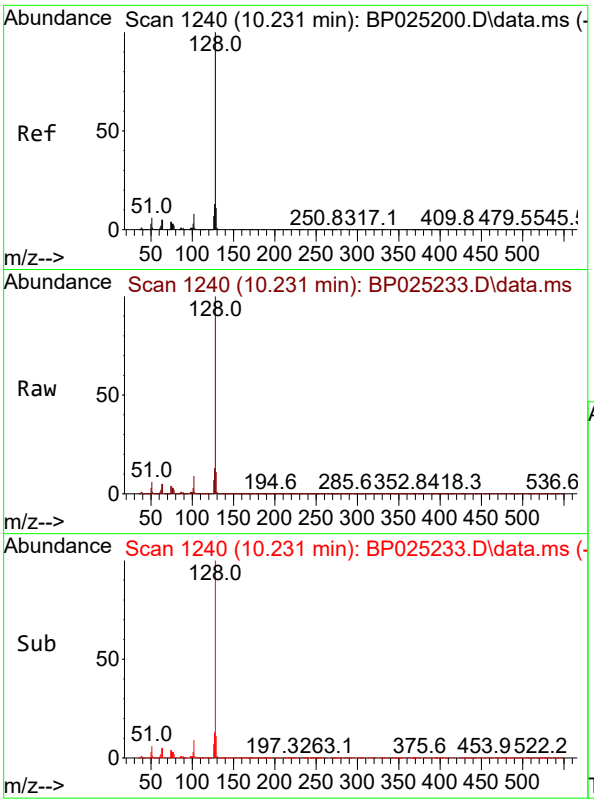


#30
1,2,4-Trichlorobenzene
Concen: 39.643 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:180 Resp: 1406328

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.7	115.1
145	29.8	23.5	35.3



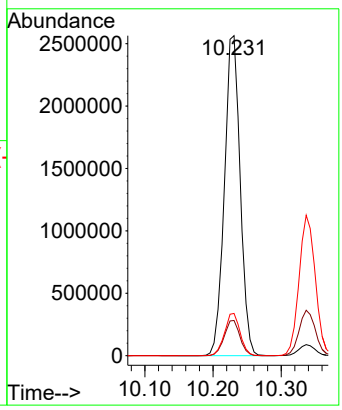


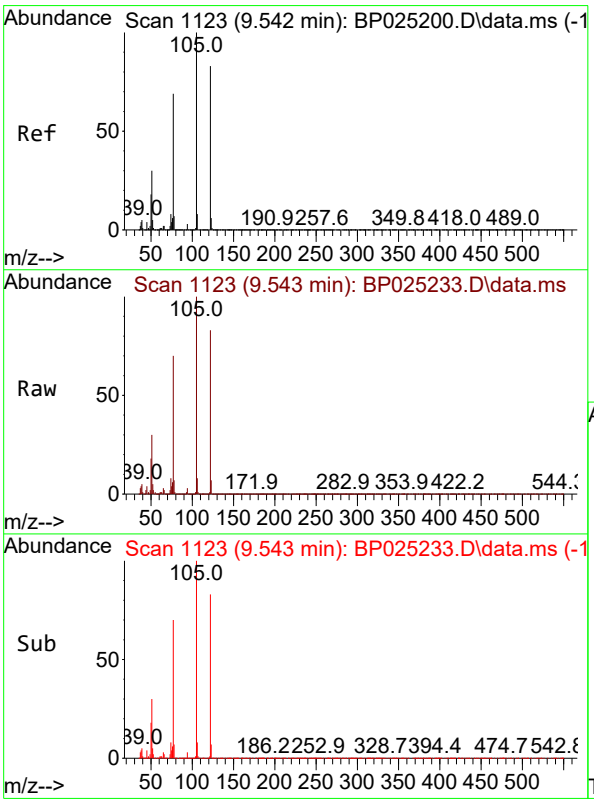
#31
Naphthalene
Concen: 39.298 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 4124668

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.4	15.6

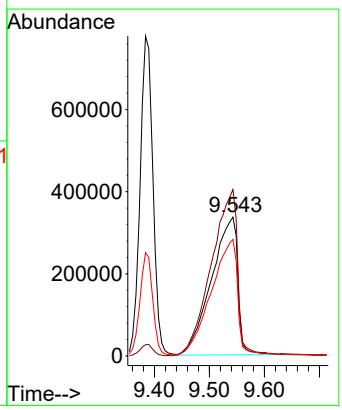


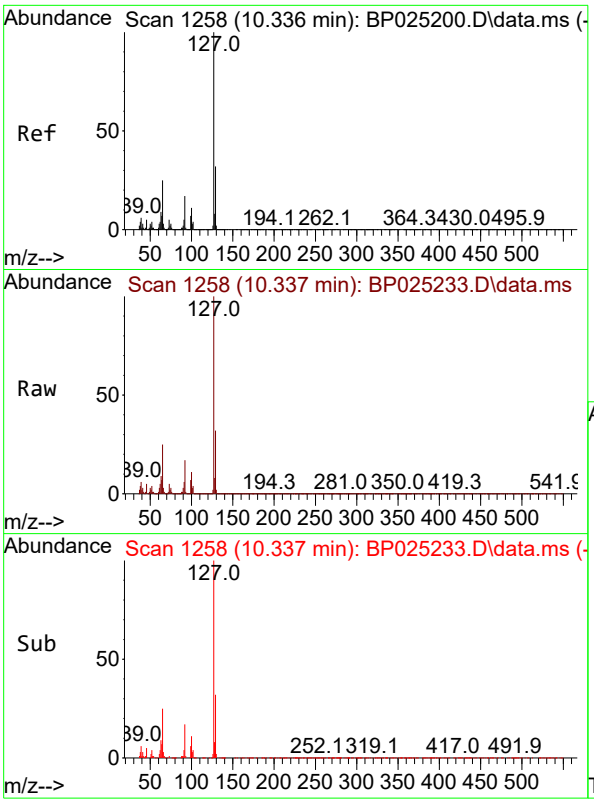


#32
Benzoic acid
Concen: 46.045 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:122 Resp: 1111311

Ion	Ratio	Lower	Upper
122	100		
105	119.8	98.1	138.1
77	83.9	62.7	102.7



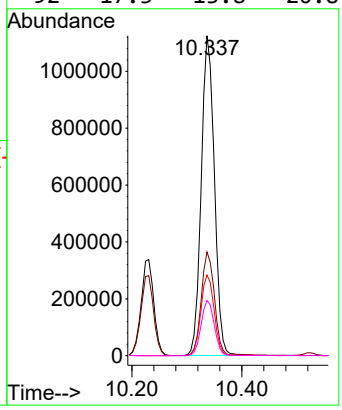


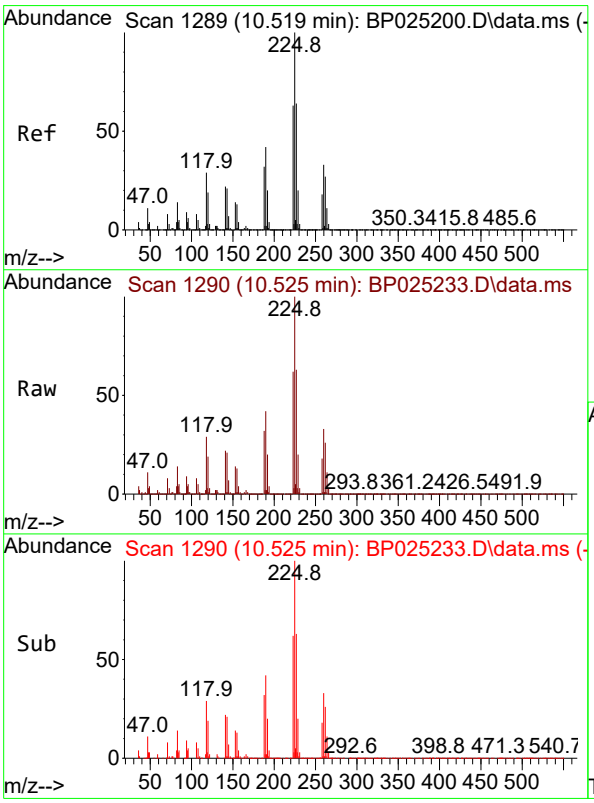
#33
4-Chloroaniline
Concen: 40.517 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 1869350

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	25.2	20.2	30.4
92	17.3	13.8	20.8

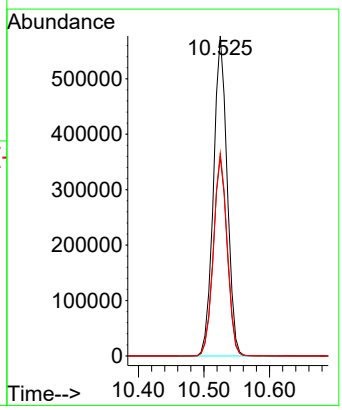


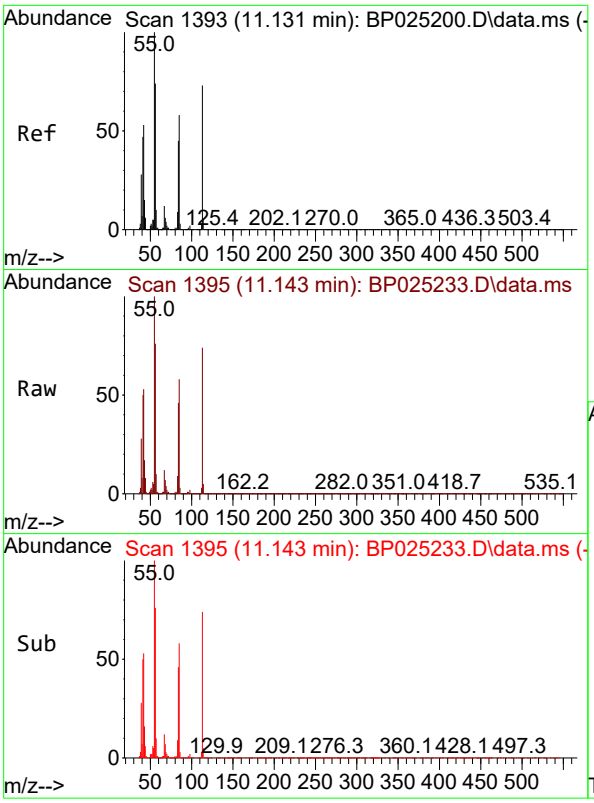


#34
Hexachlorobutadiene
Concen: 39.036 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:225 Resp: 833477

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	63.4	51.4	77.0



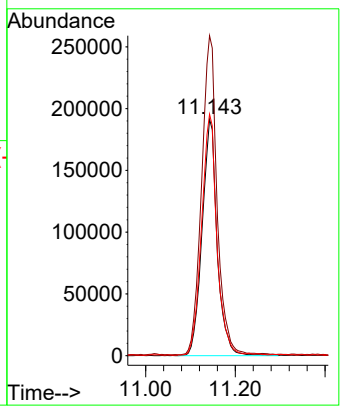


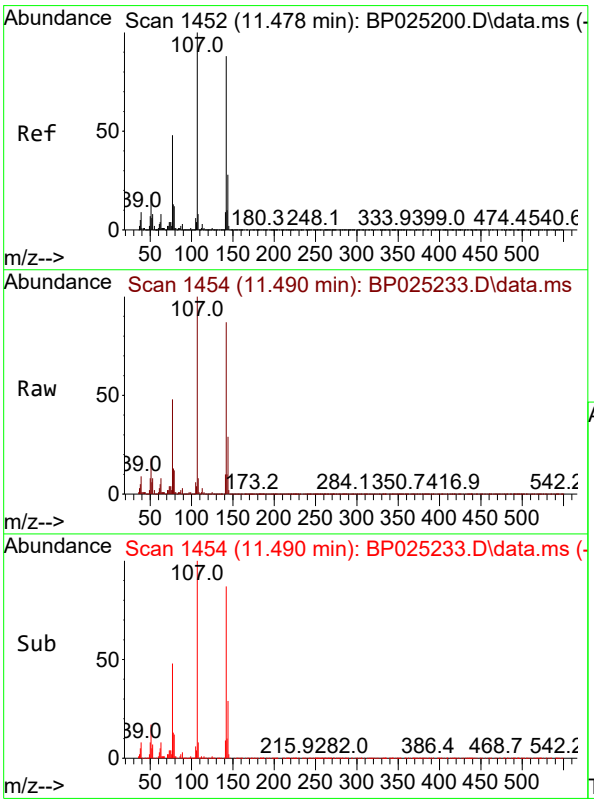
#35
Caprolactam
Concen: 41.148 ng
RT: 11.143 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 443549

Ion	Ratio	Lower	Upper
113	100		
55	135.4	117.6	157.6
56	102.2	82.4	122.4

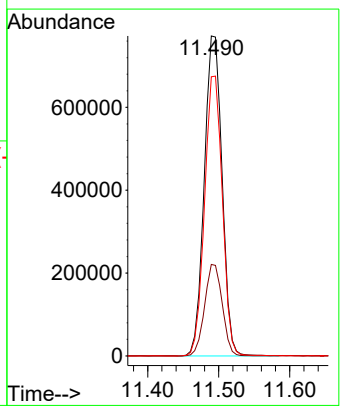


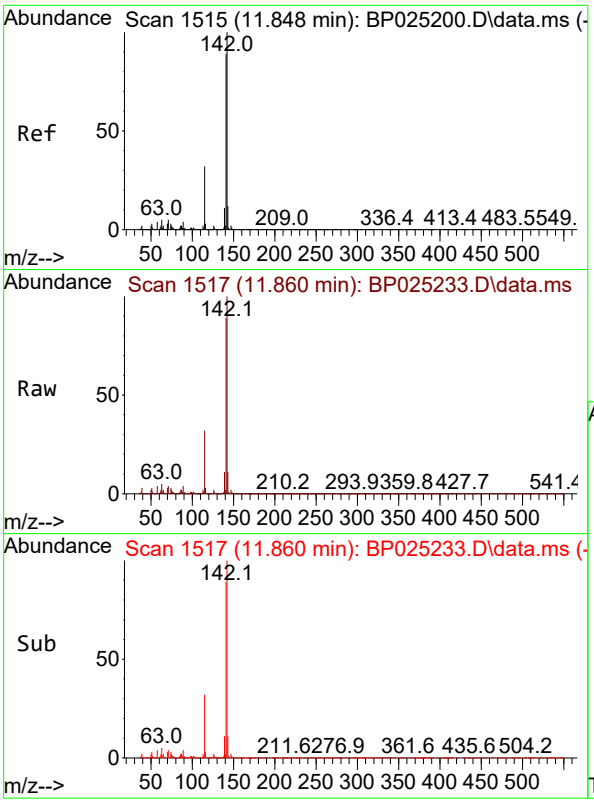


#36
4-Chloro-3-methylphenol
Concen: 41.636 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:107 Resp: 1351811

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	87.2	70.6	105.8



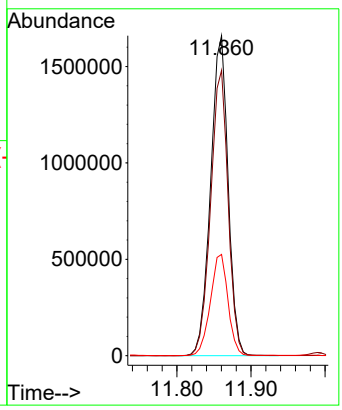


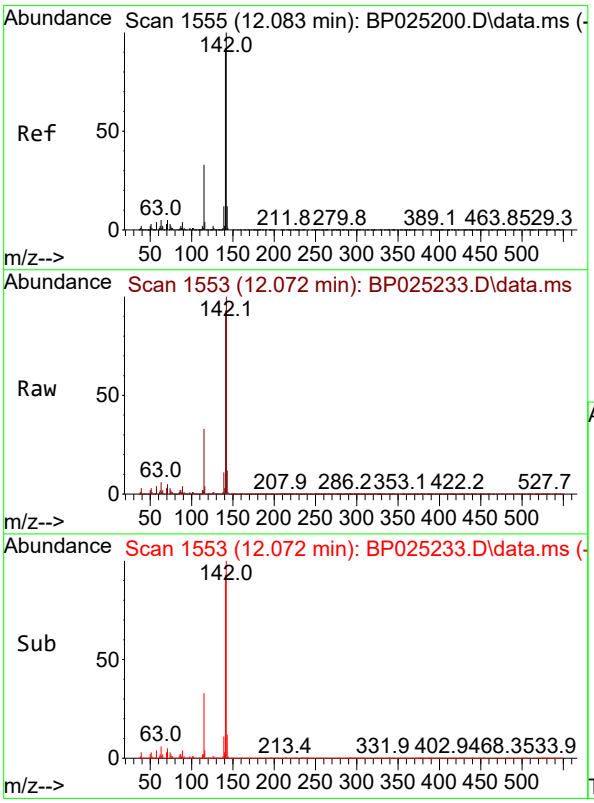
#37
2-Methylnaphthalene
Concen: 39.866 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 2717041

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	31.7	25.3	37.9

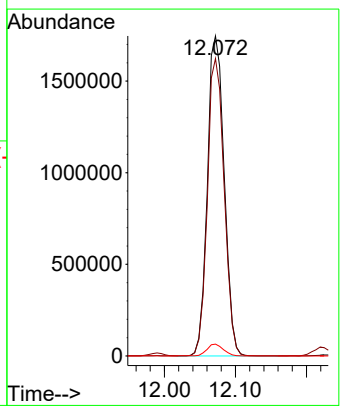


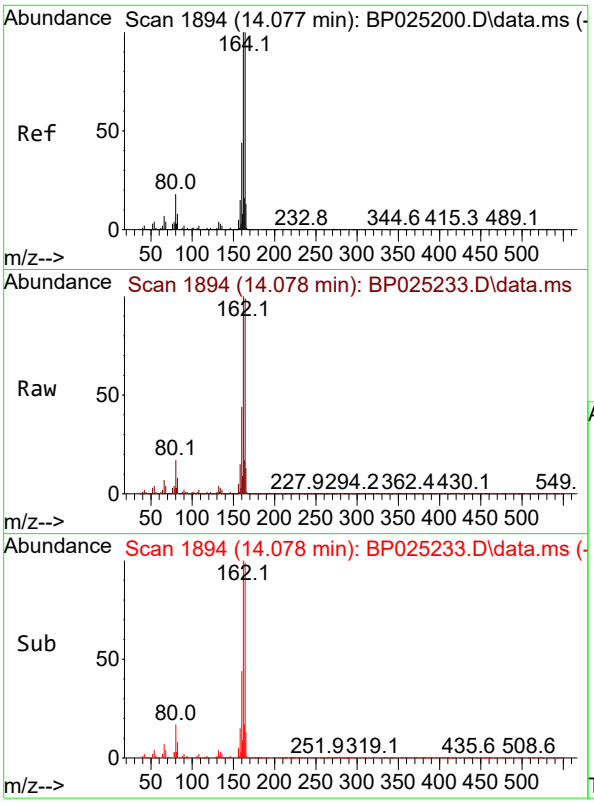


#38
1-Methylnaphthalene
Concen: 40.117 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:142 Resp: 2872029

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.8	110.8
116	3.7	2.8	4.2



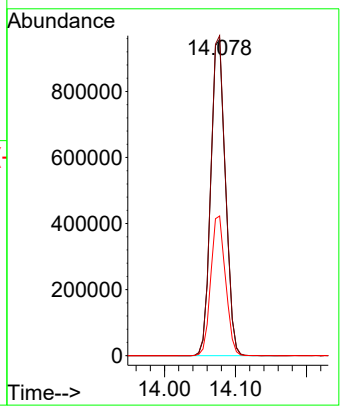


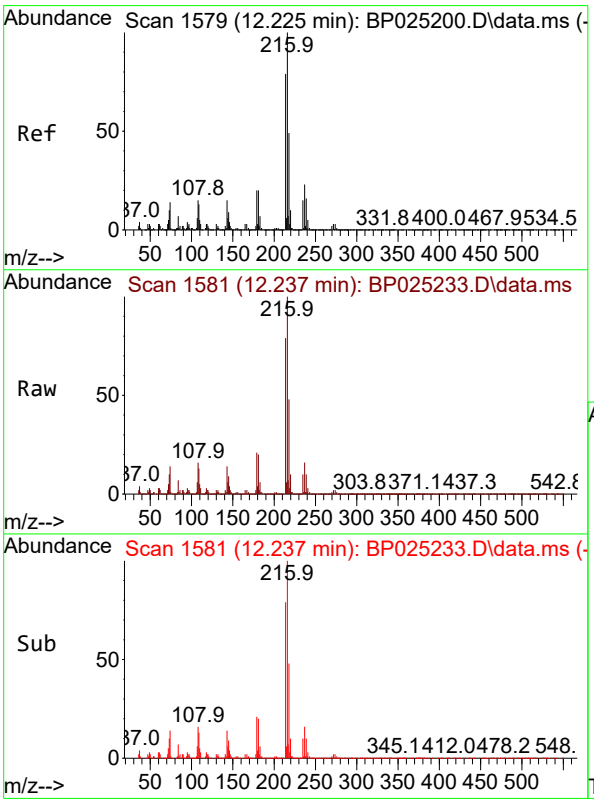
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 1370558

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.3	120.5
160	44.2	35.7	53.5

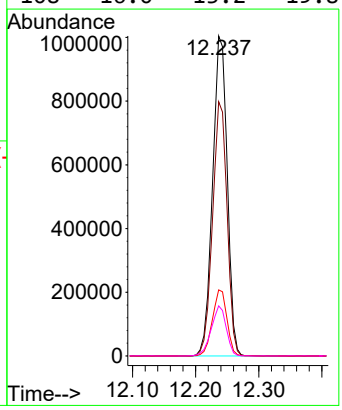


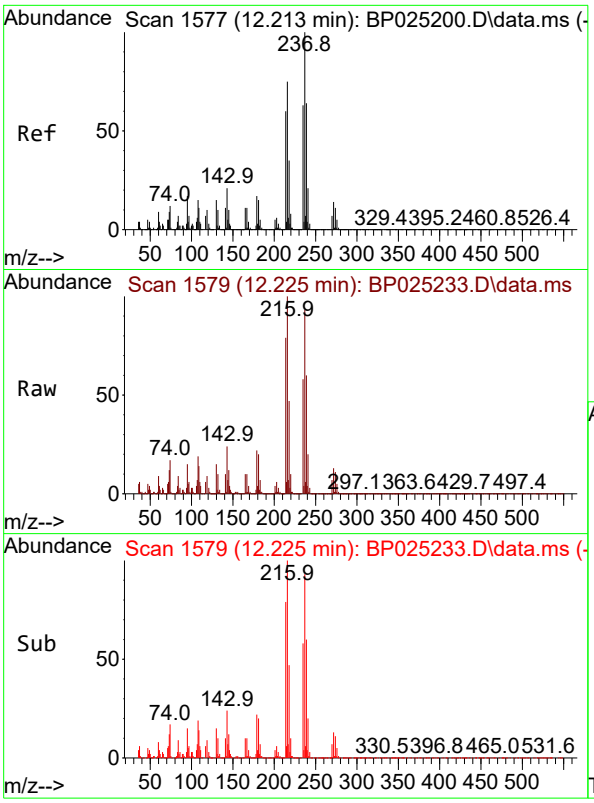


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.302 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:216 Resp: 1614608

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.7	94.1
179	20.5	16.2	24.4
108	16.0	13.2	19.8



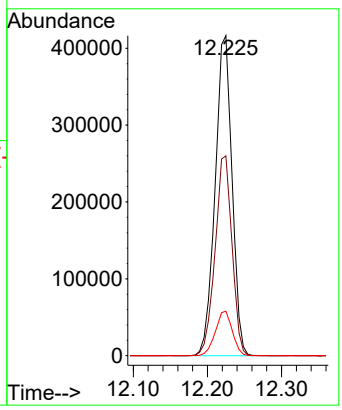


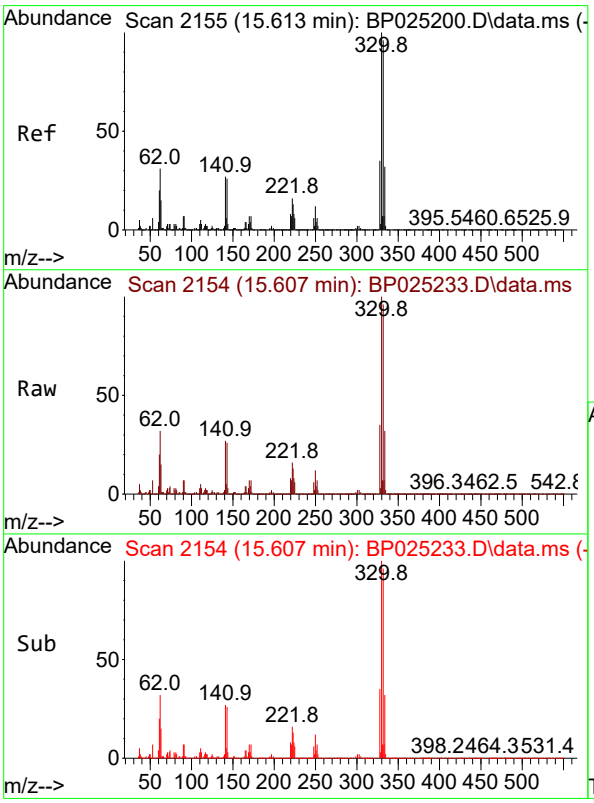
#41
Hexachlorocyclopentadiene
Concen: 26.882 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 659255

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.7	82.7
272	13.9	0.0	33.6

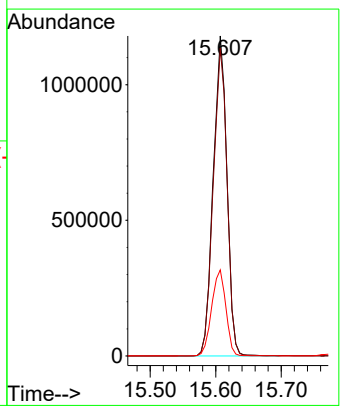


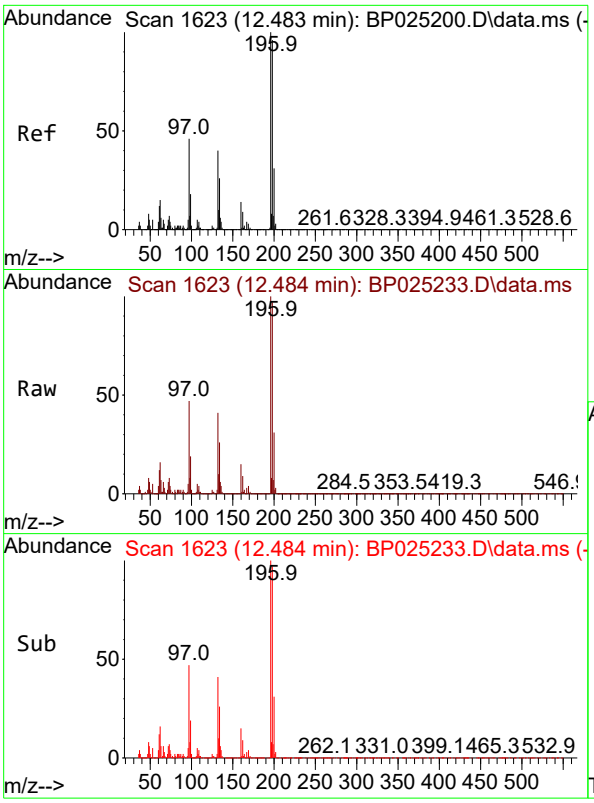


#42
2,4,6-Tribromophenol
Concen: 84.471 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:330 Resp: 1706747

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	27.8	22.4	33.6



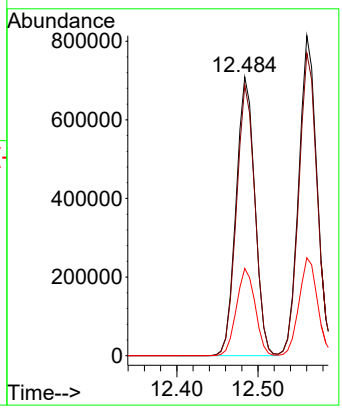


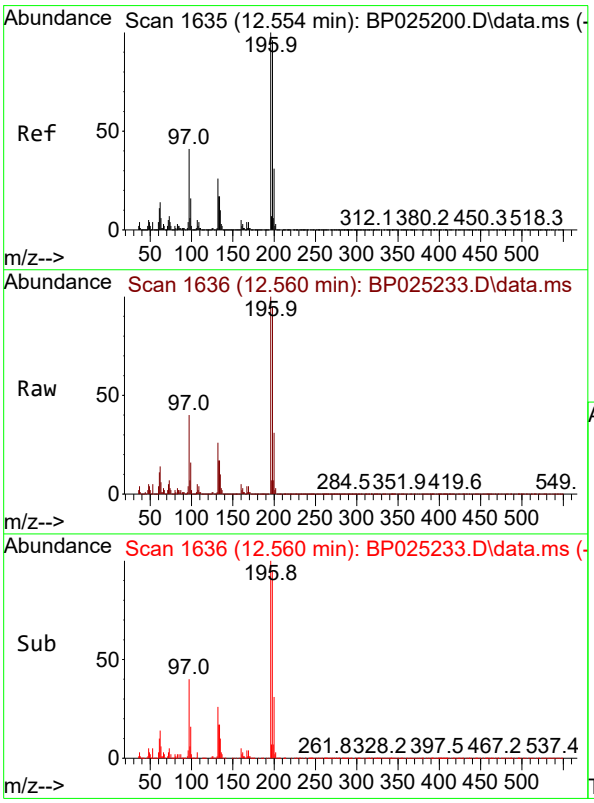
#43
2,4,6-Trichlorophenol
Concen: 40.487 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 1136475

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.6	114.8
200	31.3	24.7	37.1

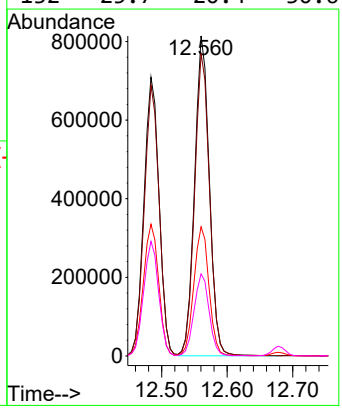


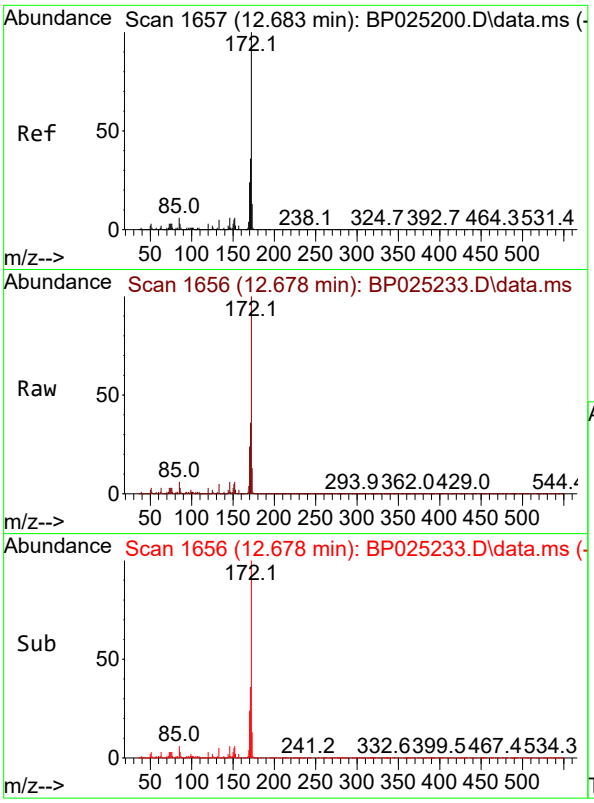


#44
2,4,5-Trichlorophenol
Concen: 41.417 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:196 Resp: 1279374

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.7	115.1
97	40.4	33.0	49.4
132	25.7	20.4	30.6



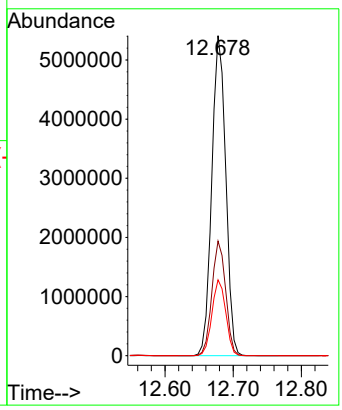


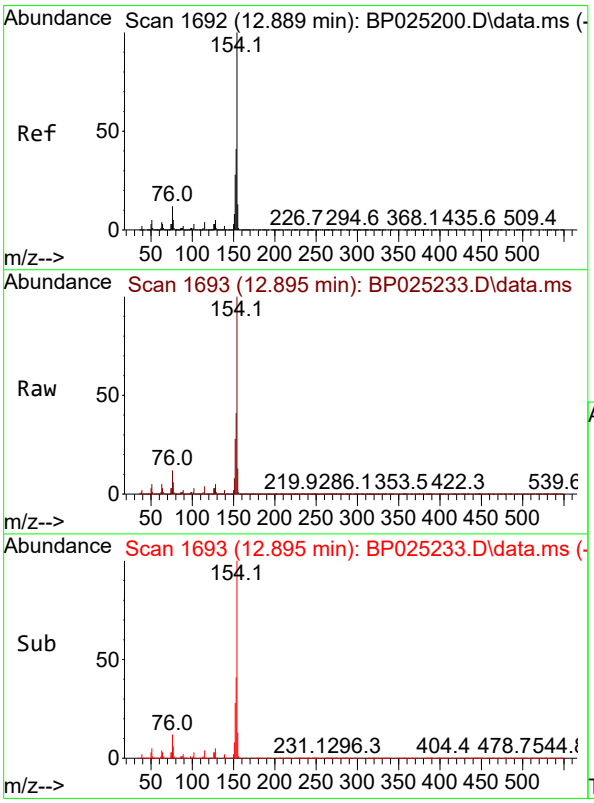
#45
2-Fluorobiphenyl
Concen: 79.162 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 7695730

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.7	19.2	28.8

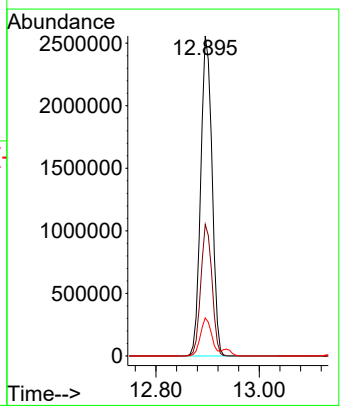


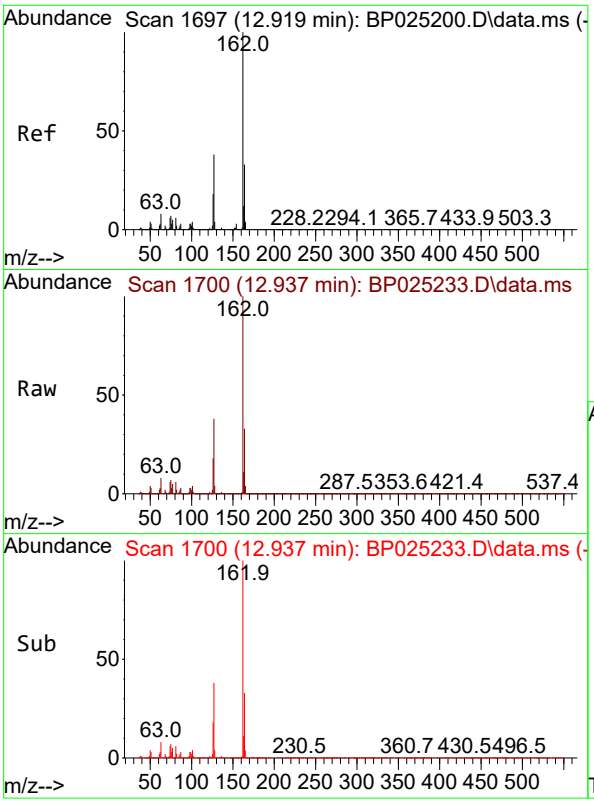


#46
1,1'-Biphenyl
Concen: 39.129 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:154 Resp: 3887696

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	11.9	0.0	31.6



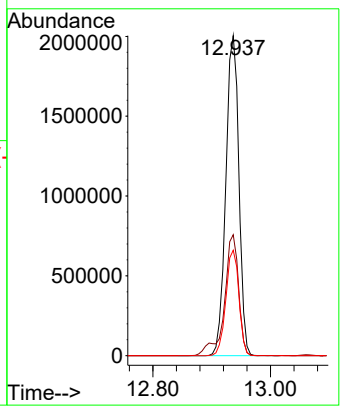


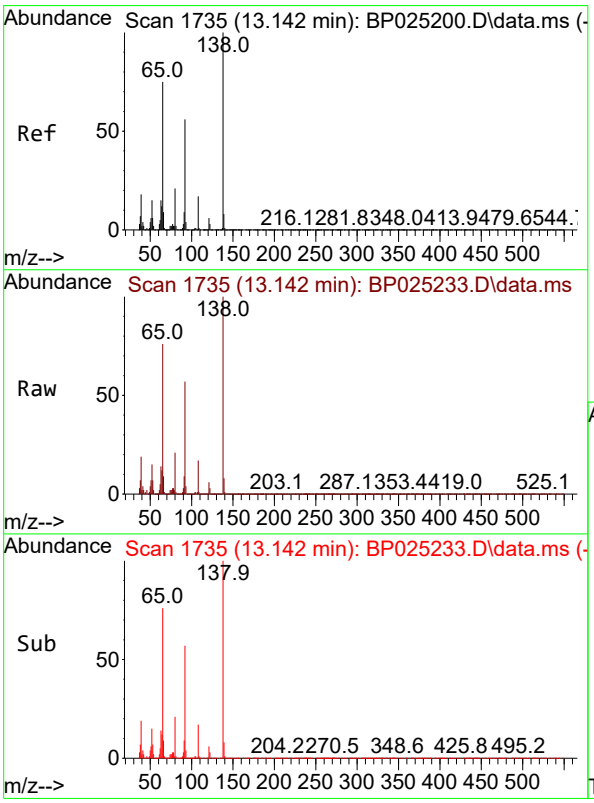
#47
2-Chloronaphthalene
Concen: 39.721 ng
RT: 12.937 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 3081144

Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.1	45.1
164	32.9	26.5	39.7

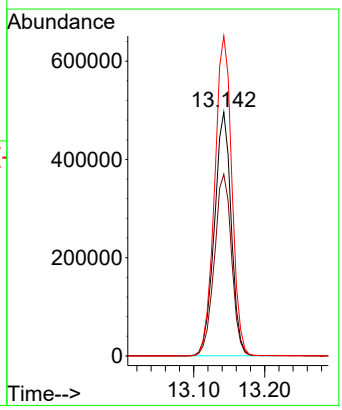


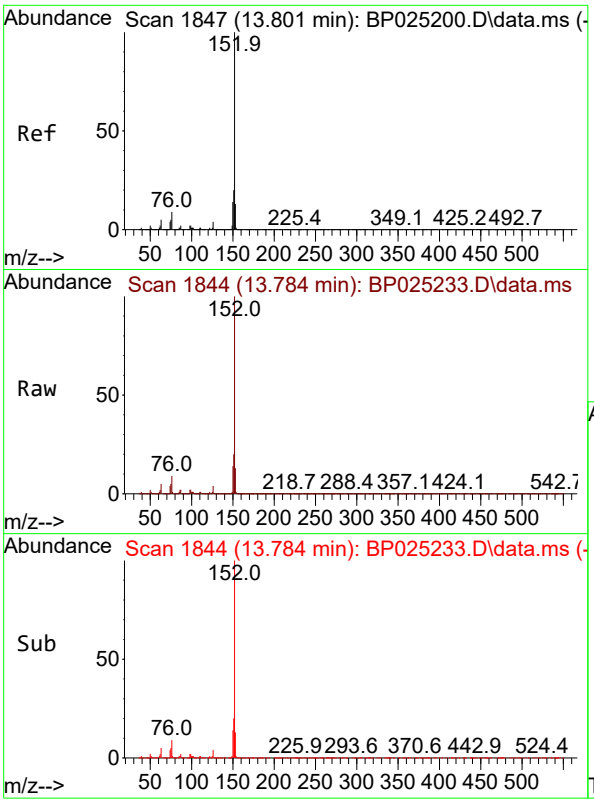


#48
2-Nitroaniline
Concen: 41.019 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 65 Resp: 812555

Ion	Ratio	Lower	Upper
65	100		
92	74.5	59.9	89.9
138	131.3	107.1	160.7



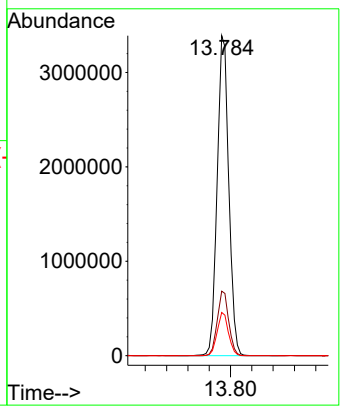


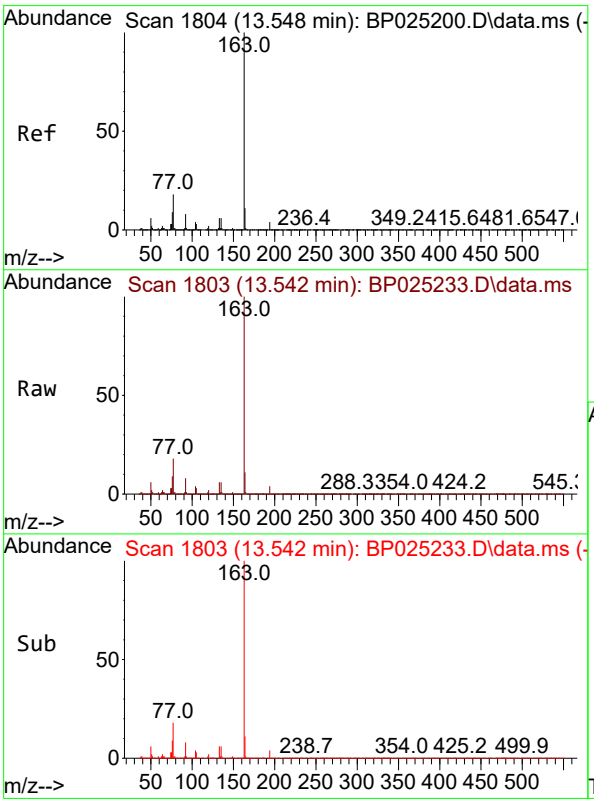
#49
Acenaphthylene
Concen: 40.650 ng
RT: 13.784 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 5100046

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.5	10.6	15.8

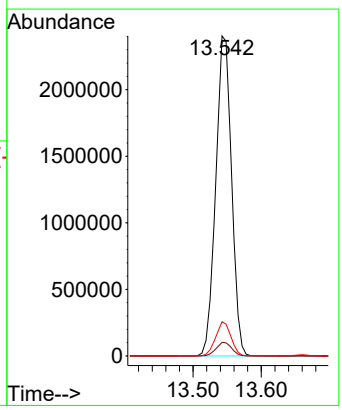


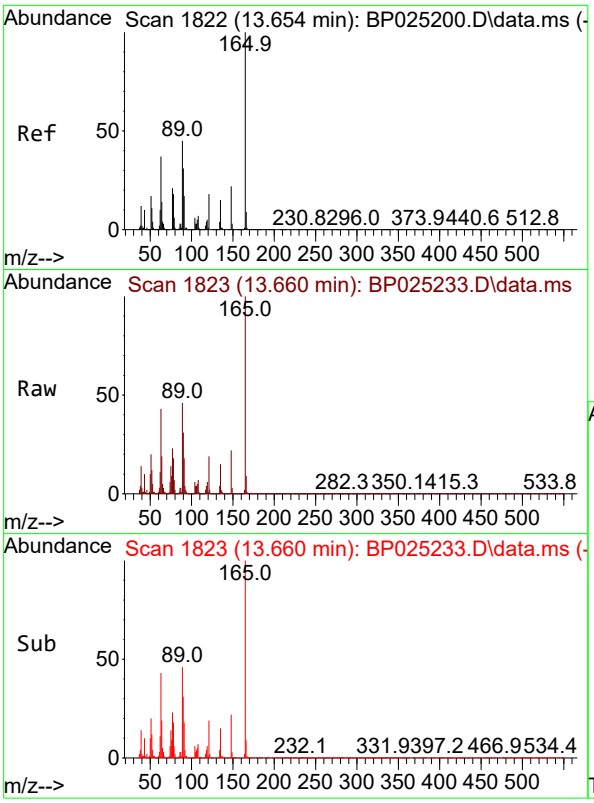


#50
Dimethylphthalate
Concen: 39.591 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:163 Resp: 3880581

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.7	8.5	12.7



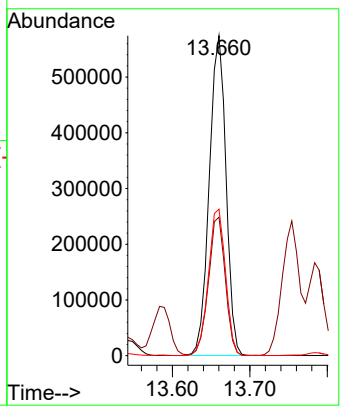


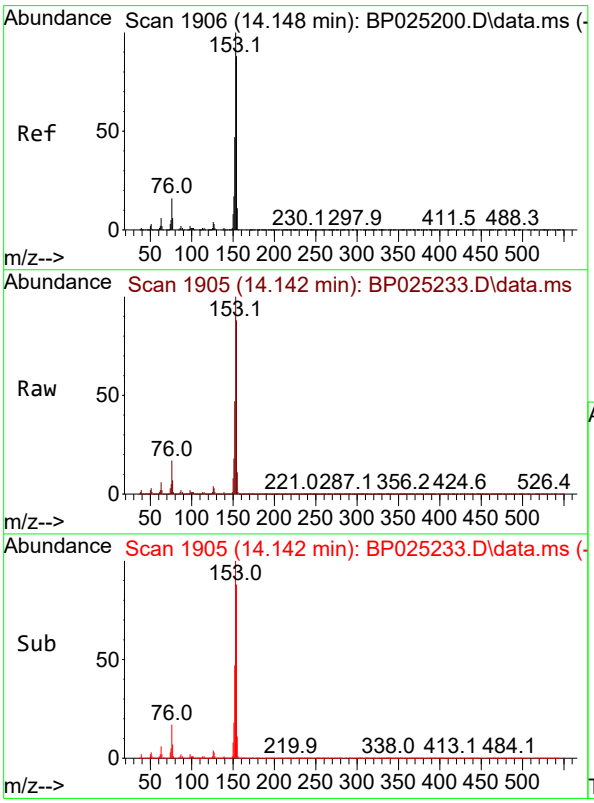
#51
2,6-Dinitrotoluene
Concen: 40.347 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 859297

Ion	Ratio	Lower	Upper
165	100		
63	43.3	33.4	50.2
89	45.8	36.3	54.5

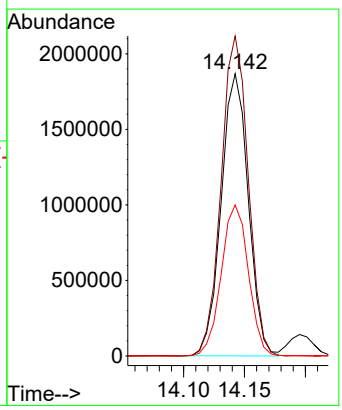


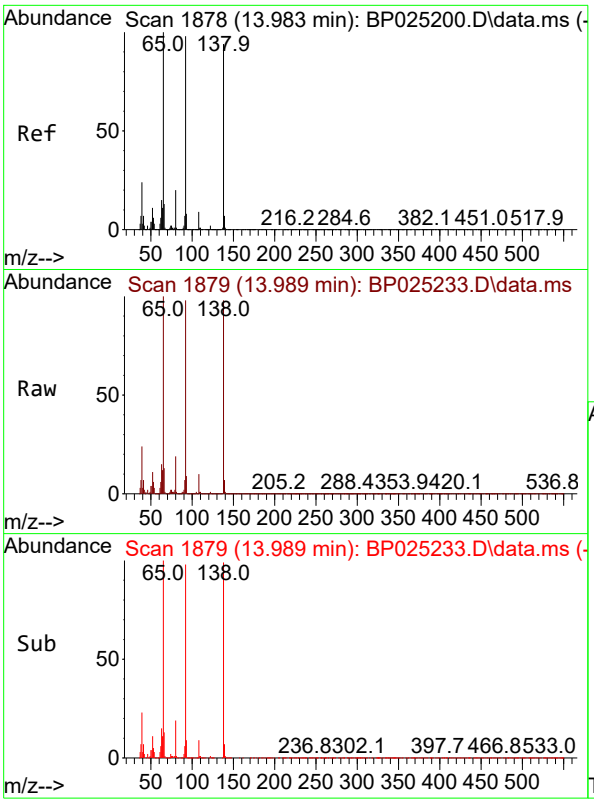


#52
Acenaphthene
Concen: 39.892 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:154 Resp: 2894112

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.7	136.1
152	53.5	42.9	64.3



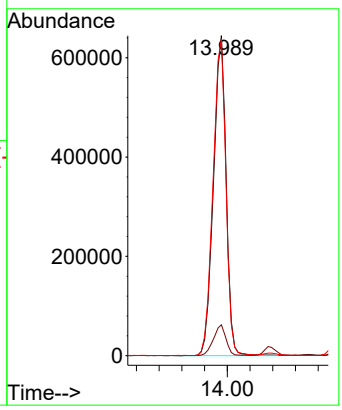


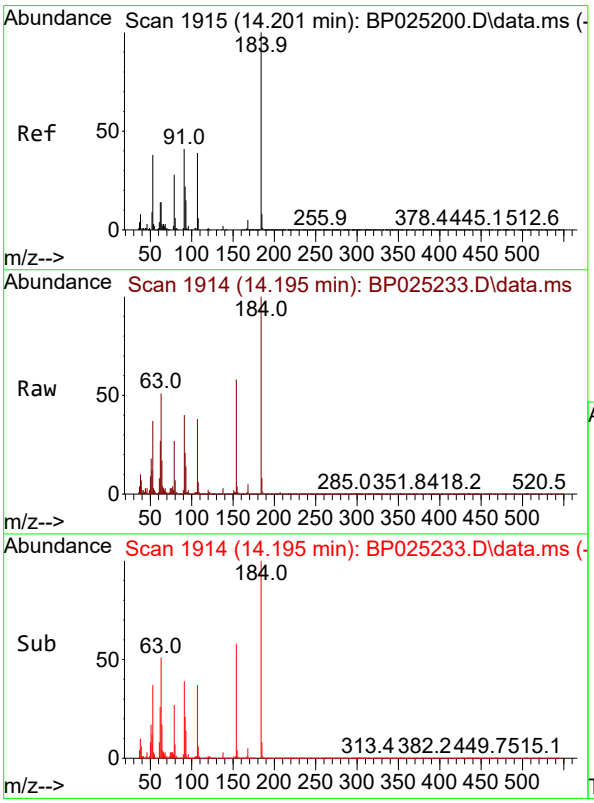
#53
3-Nitroaniline
Concen: 41.315 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 992269

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.5	11.3
92	99.1	83.2	124.8

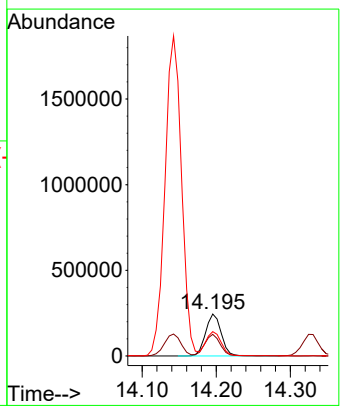


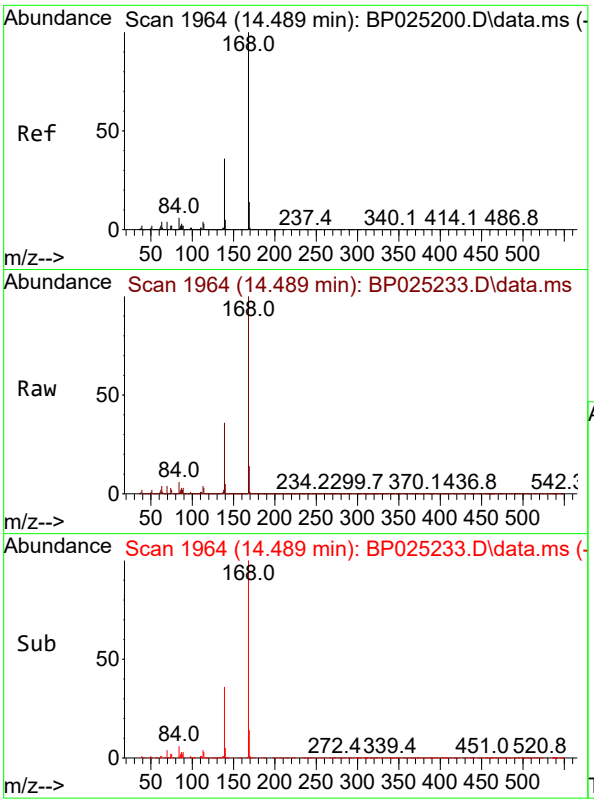


#54
2,4-Dinitrophenol
Concen: 28.461 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:184 Resp: 359141

Ion	Ratio	Lower	Upper
184	100		
63	51.5	41.8	62.8
154	58.1	45.7	68.5



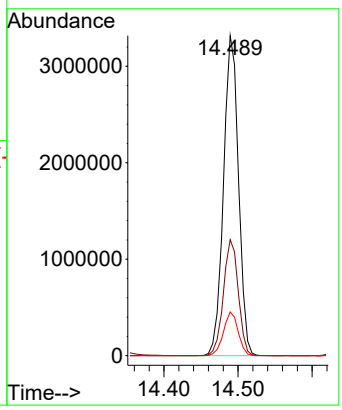


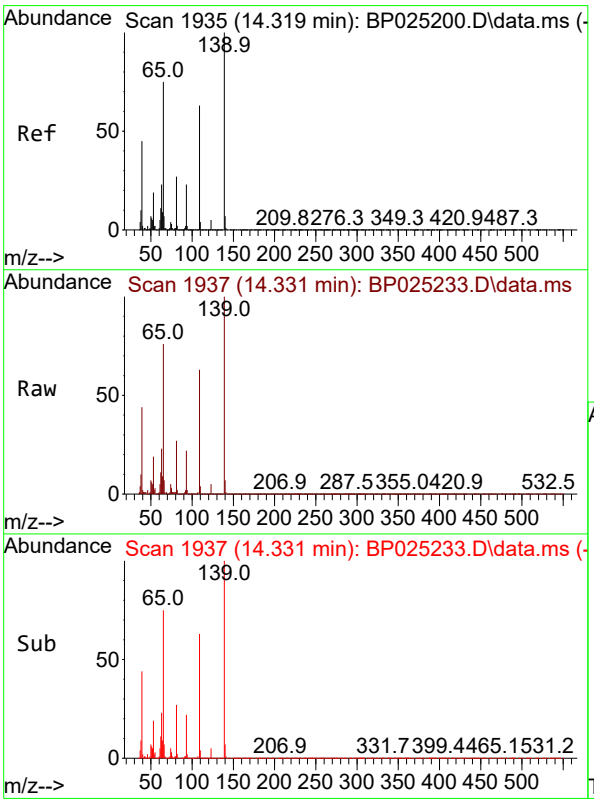
#55
Dibenzofuran
Concen: 39.729 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 4655796

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.7	43.1
169	13.7	10.9	16.3

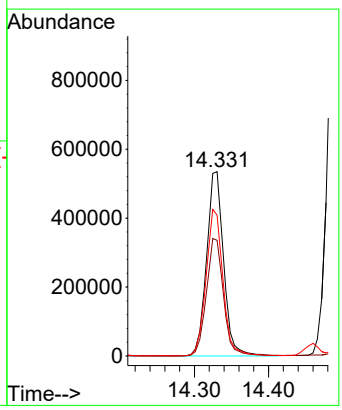


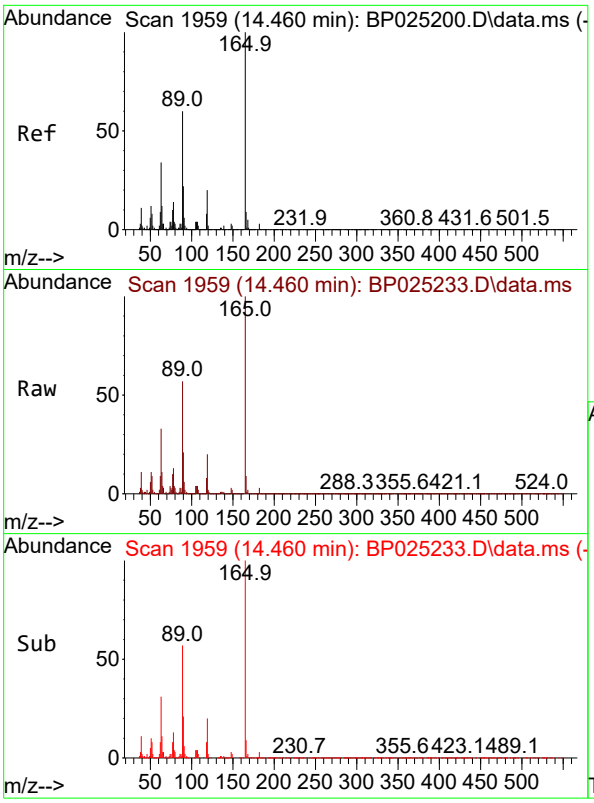


#56
4-Nitrophenol
Concen: 41.574 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:139 Resp: 854420

Ion	Ratio	Lower	Upper
139	100		
109	62.8	42.6	82.6
65	76.4	55.4	95.4



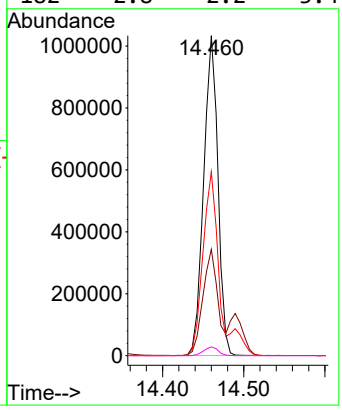


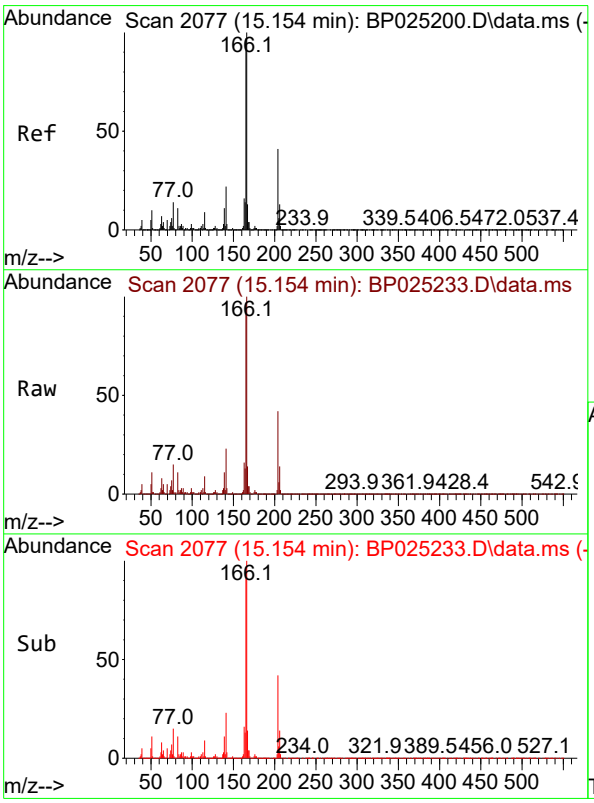
#57
2,4-Dinitrotoluene
Concen: 42.136 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 1256168

Ion	Ratio	Lower	Upper
165	100		
63	33.2	27.0	40.4
89	57.4	47.8	71.6
182	2.8	2.2	3.4

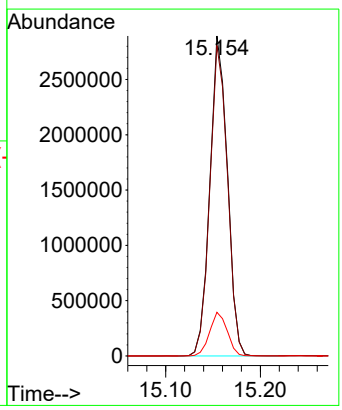


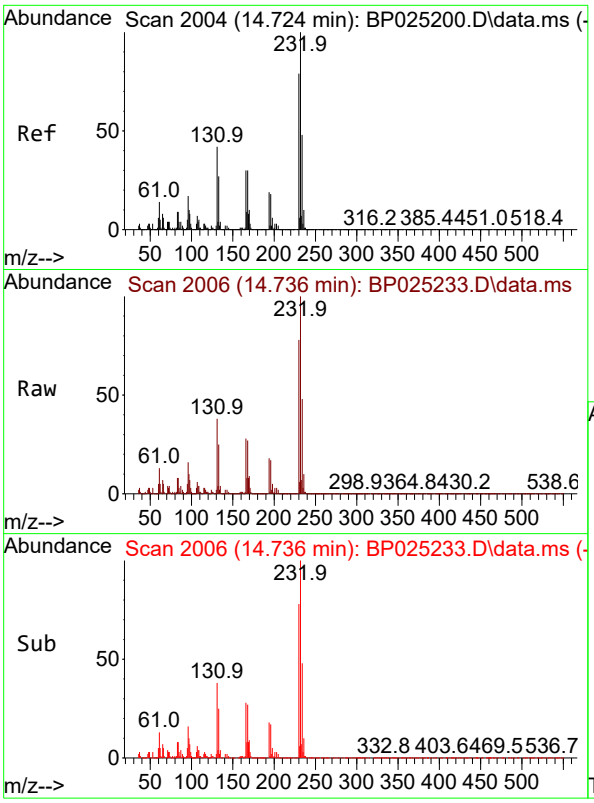


#58
Fluorene
Concen: 40.103 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:166 Resp: 3731050

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.0	117.0
167	13.6	10.7	16.1



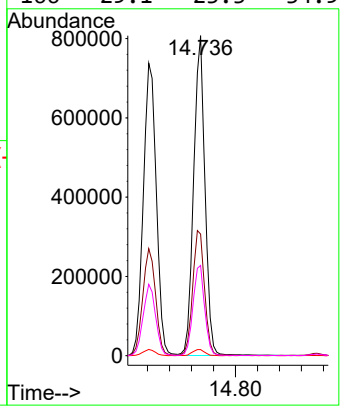


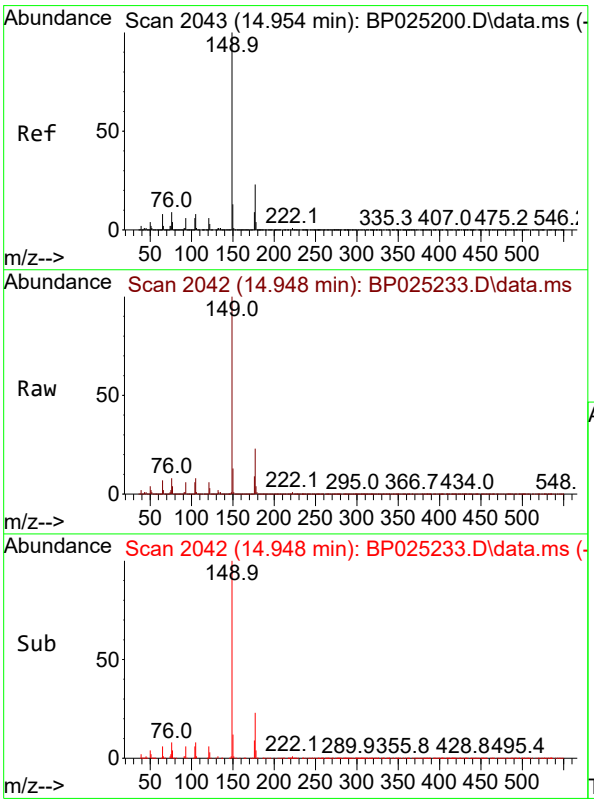
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.216 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 1154082

Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.6	48.8
130	2.1	1.6	2.4
166	29.1	23.3	34.9

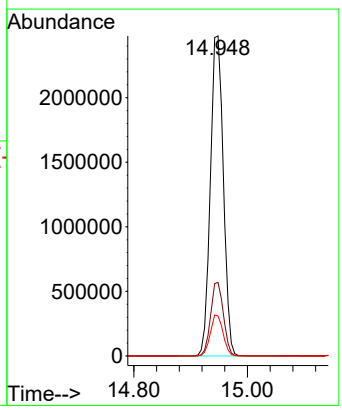


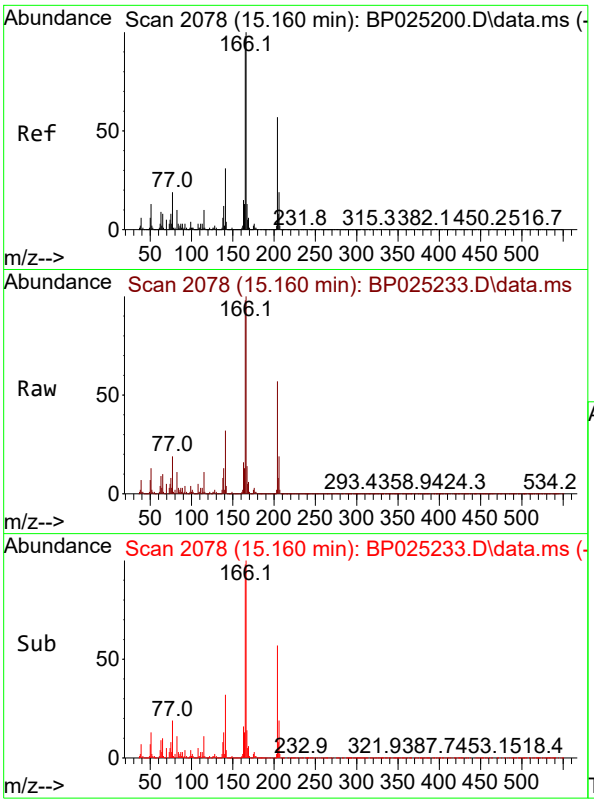


#60
Diethylphthalate
Concen: 40.436 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 3906414

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.4	27.6
150	12.5	10.0	15.0



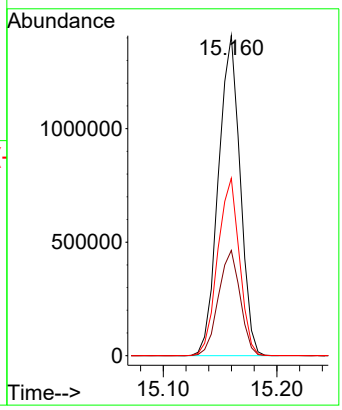


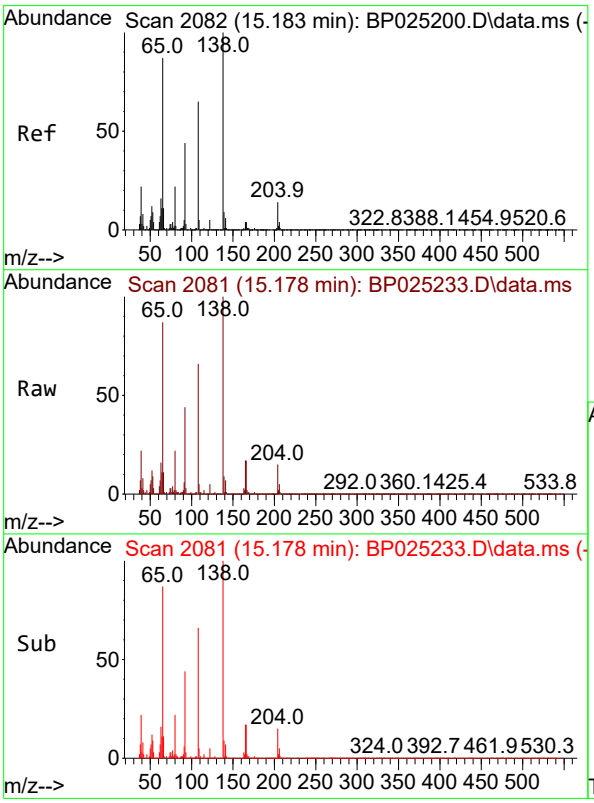
#61
4-Chlorophenyl-phenylether
Concen: 39.914 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 1876429

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	55.4	43.0	64.6

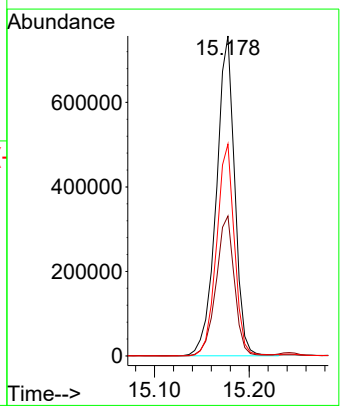


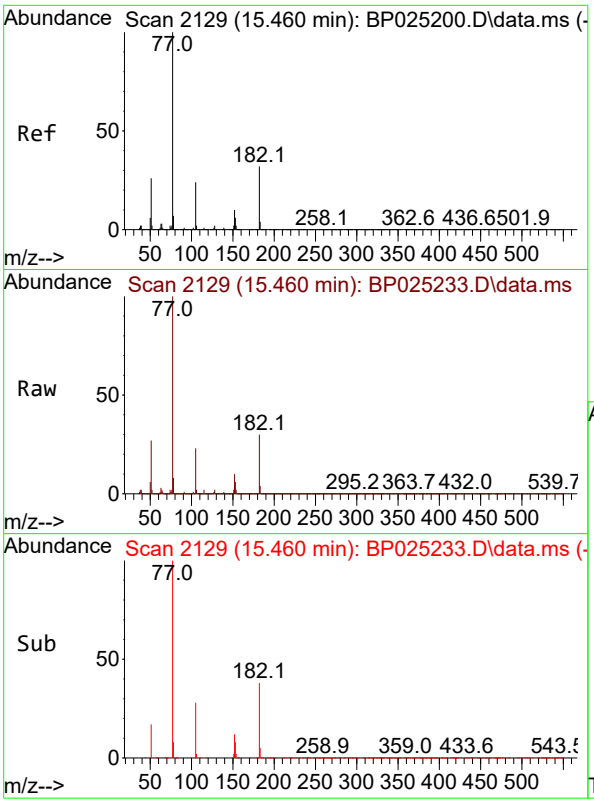


#62
4-Nitroaniline
Concen: 41.969 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:138 Resp: 1025103

Ion	Ratio	Lower	Upper
138	100		
92	43.7	24.0	64.0
108	66.2	44.9	84.9



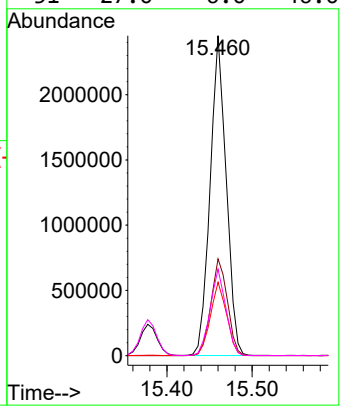


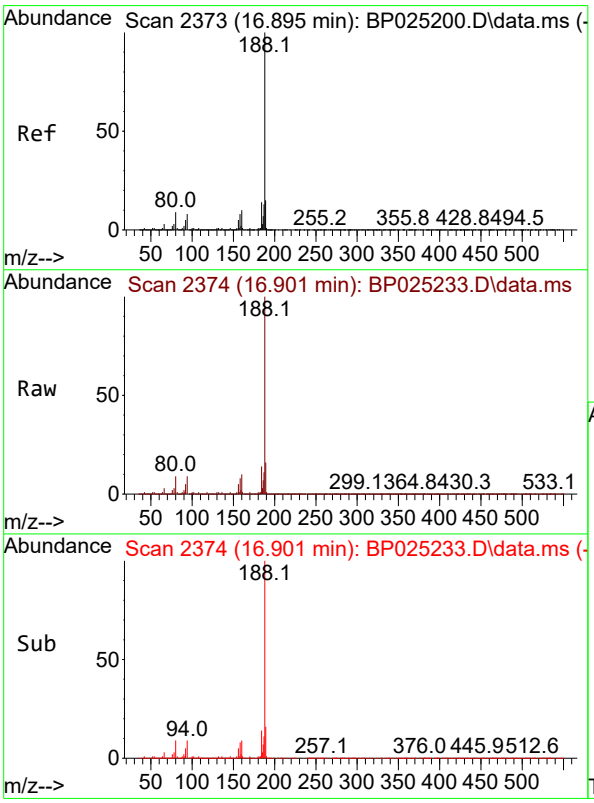
#63
Azobenzene
Concen: 40.936 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 3222733

Ion	Ratio	Lower	Upper
77	100		
182	30.3	12.0	52.0
105	23.0	3.6	43.6
51	27.0	6.0	46.0

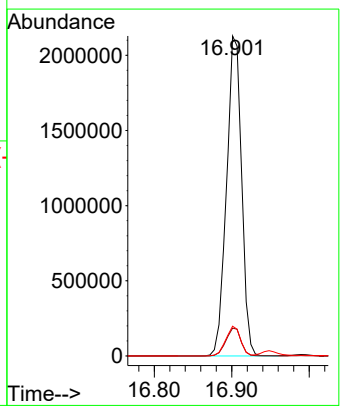


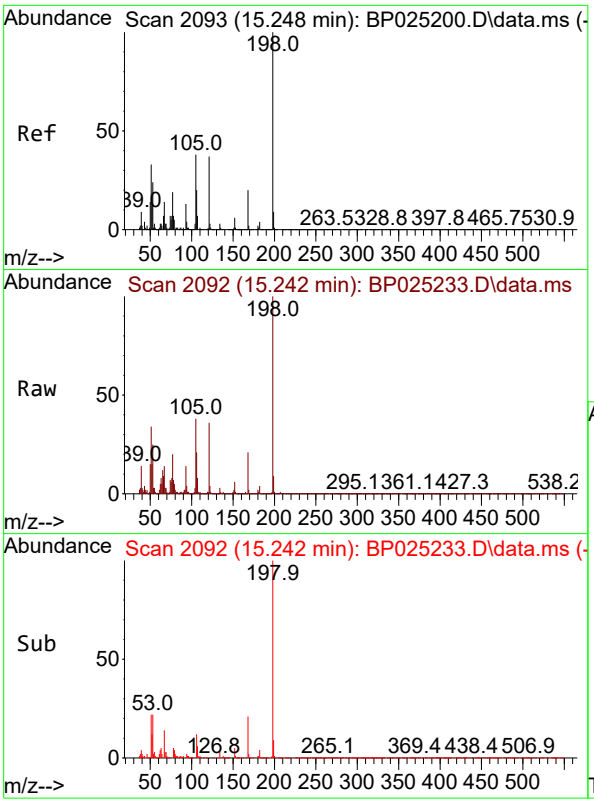


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:188 Resp: 2883559

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.3	7.3	10.9



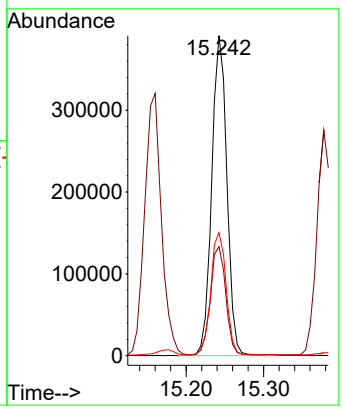


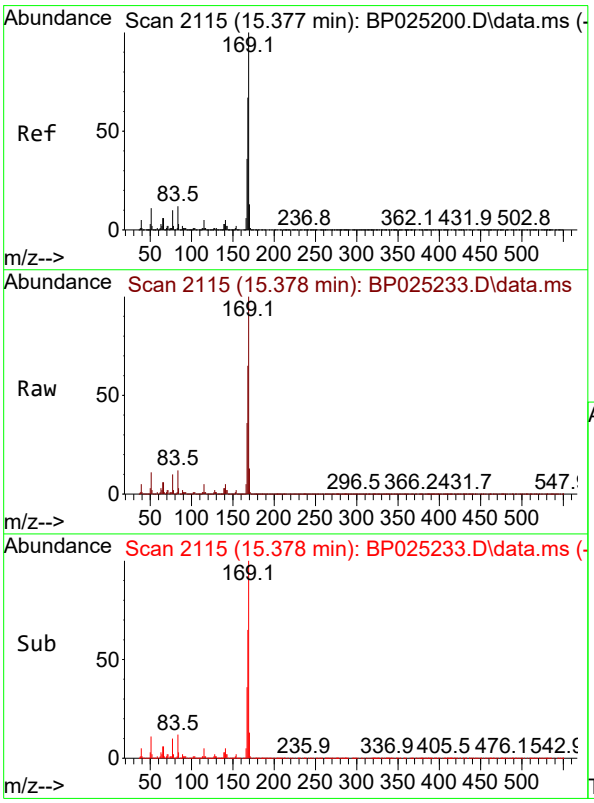
#65
4,6-Dinitro-2-methylphenol
Concen: 28.505 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 530459

Ion	Ratio	Lower	Upper
198	100		
51	34.1	14.6	54.6
105	38.5	18.3	58.3

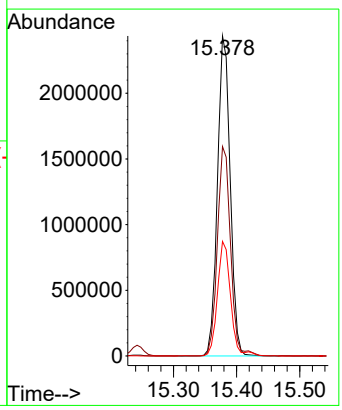


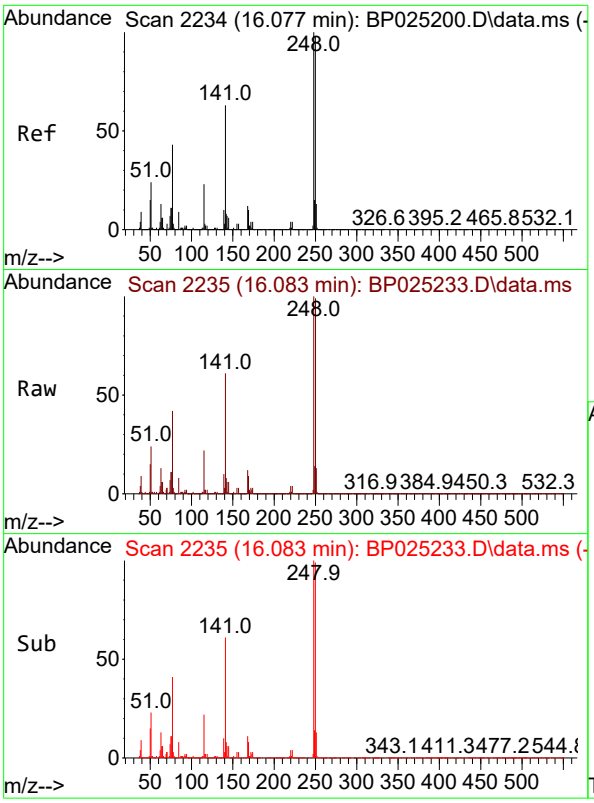


#66
n-Nitrosodiphenylamine
Concen: 38.963 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:169 Resp: 3410177

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.7	80.5
167	35.8	29.0	43.6



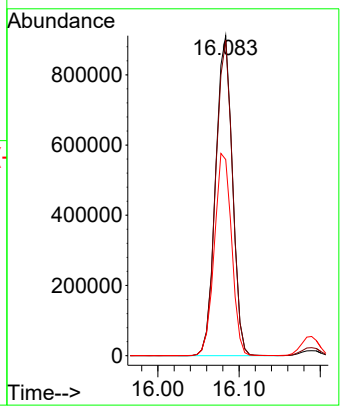


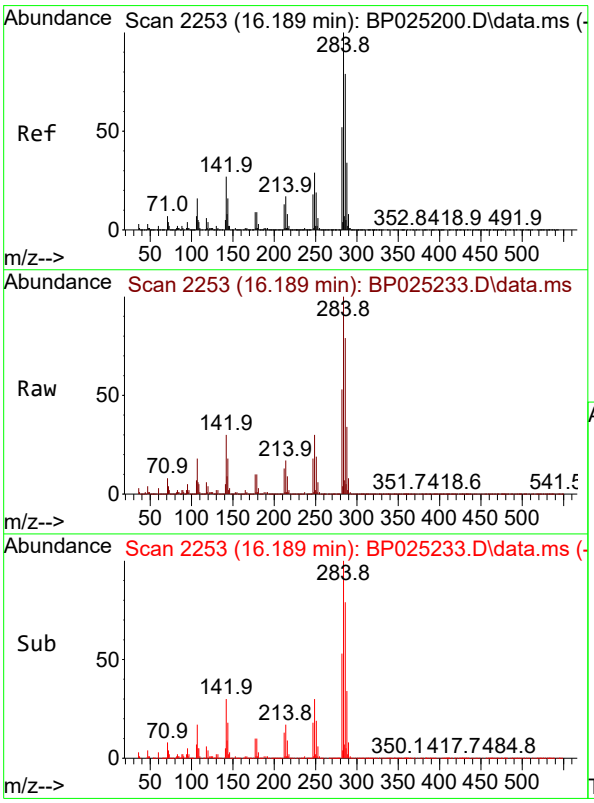
#67
4-Bromophenyl-phenylether
Concen: 39.056 ng
RT: 16.083 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 1314338

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.5	117.7
141	61.3	50.5	75.7

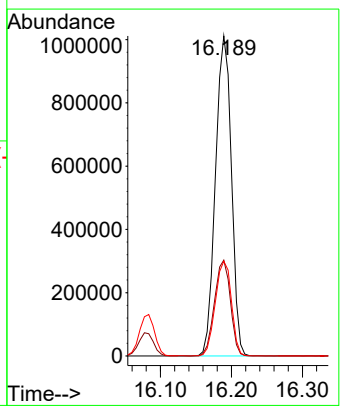


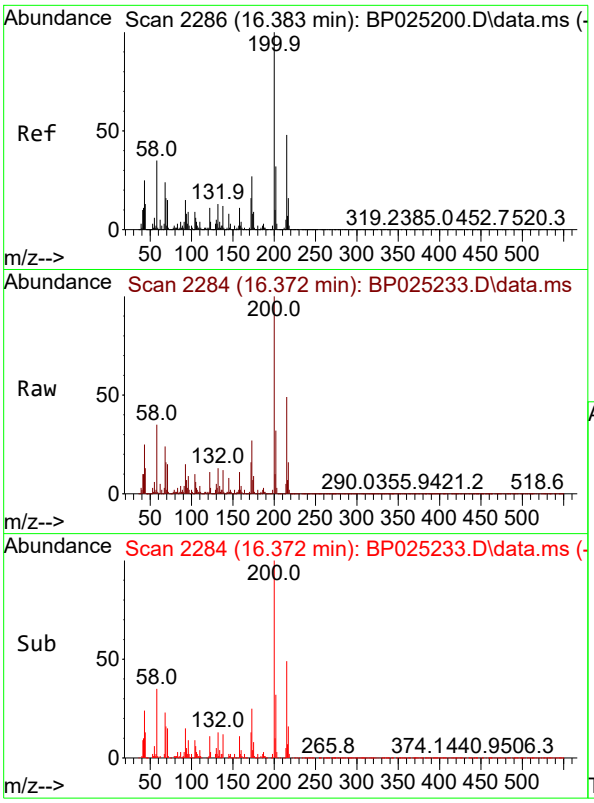


#68
Hexachlorobenzene
Concen: 39.216 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:284 Resp: 1567252

Ion	Ratio	Lower	Upper
284	100		
142	30.0	21.5	32.3
249	29.6	23.4	35.0



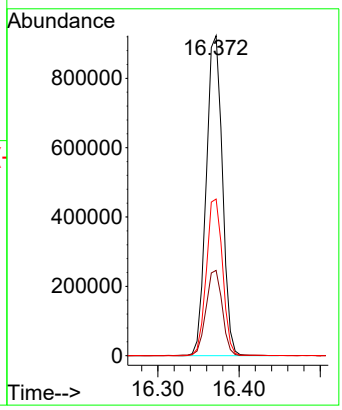


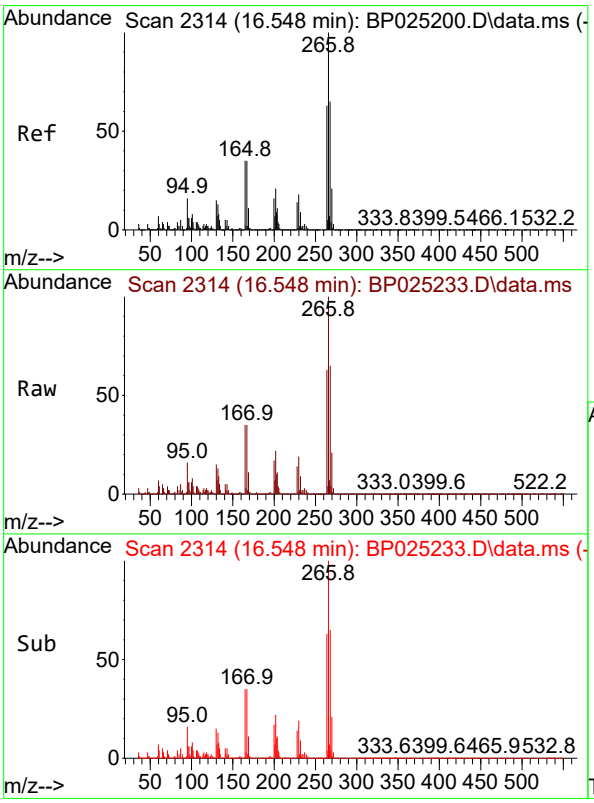
#69
Atrazine
Concen: 39.181 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 1268958

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.4	47.4
215	49.0	28.5	68.5

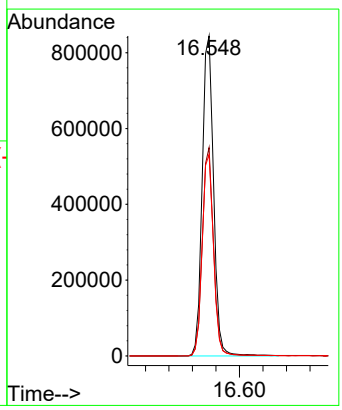


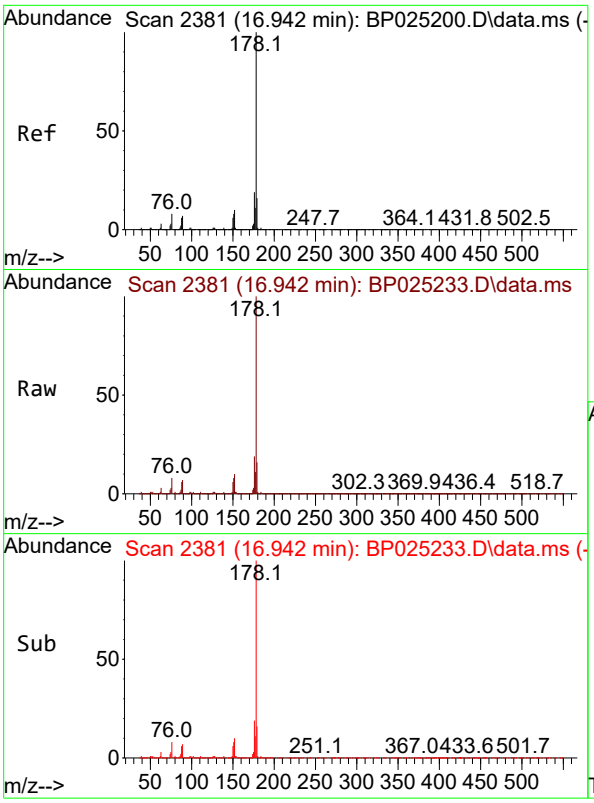


#70
Pentachlorophenol
Concen: 41.595 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:266 Resp: 1130406

Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.8	77.6
264	62.9	50.3	75.5



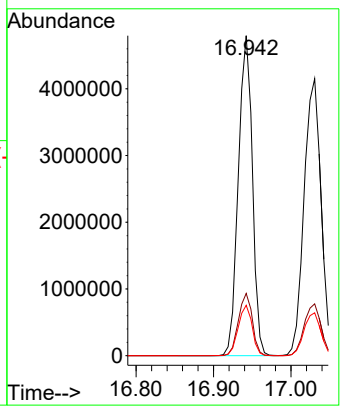


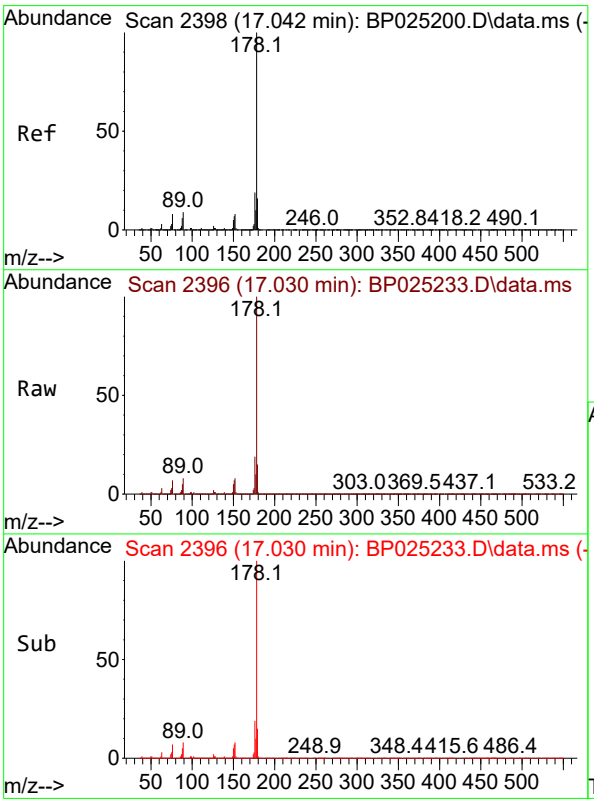
#71
Phenanthrene
Concen: 38.944 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 6056777

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.7	12.5	18.7

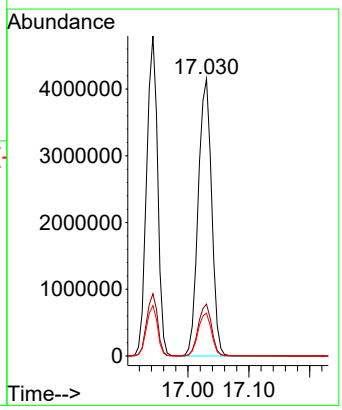


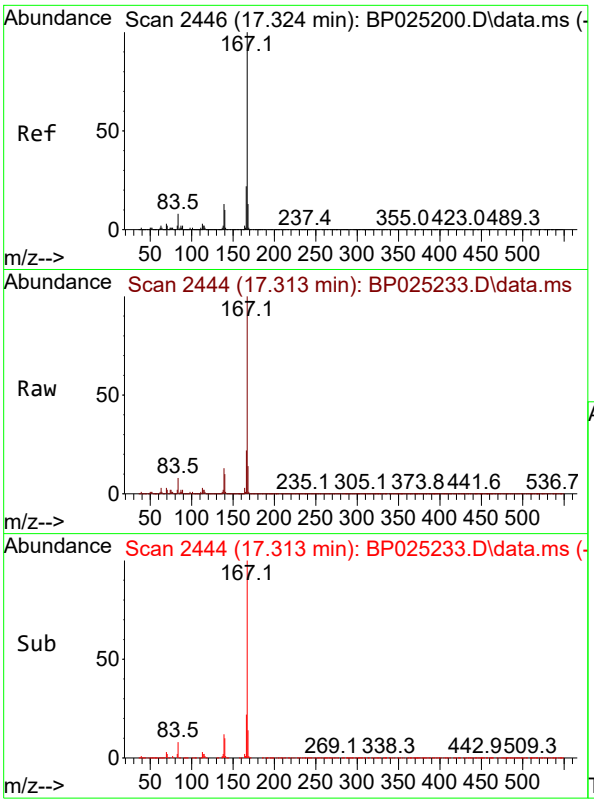


#72
Anthracene
Concen: 40.390 ng
RT: 17.030 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:178 Resp: 6328083

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.5	18.7



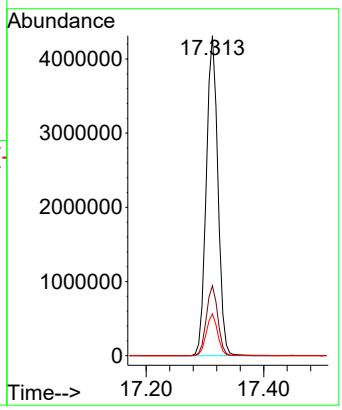


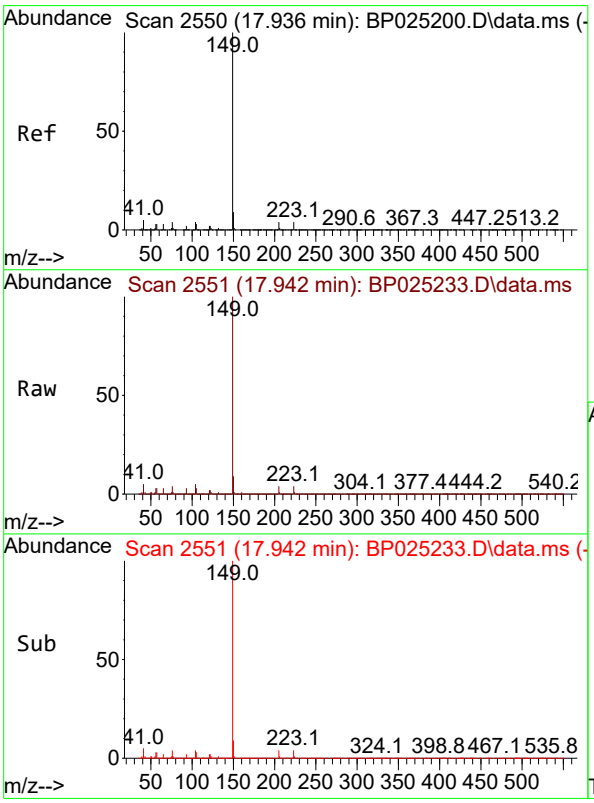
#73
Carbazole
Concen: 39.575 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 5919022

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.1	10.1	15.1

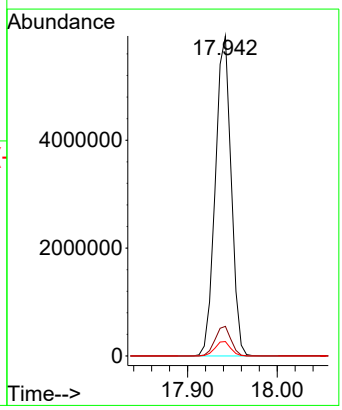


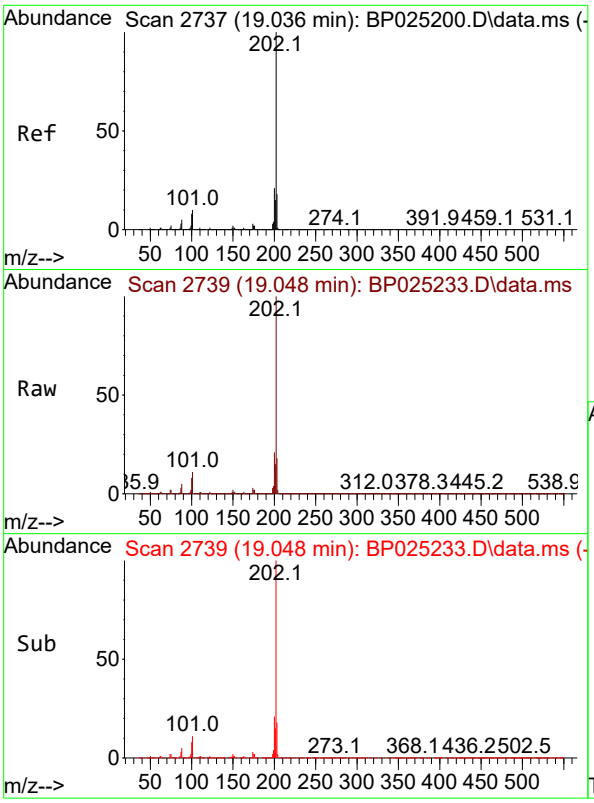


#74
Di-n-butylphthalate
Concen: 42.030 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 7253259

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.5	3.5	5.3



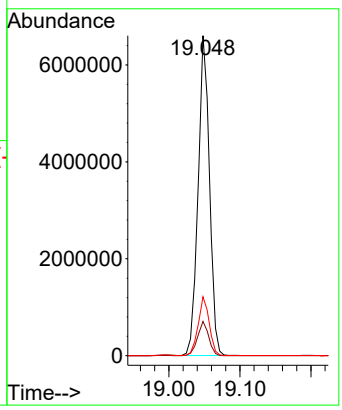


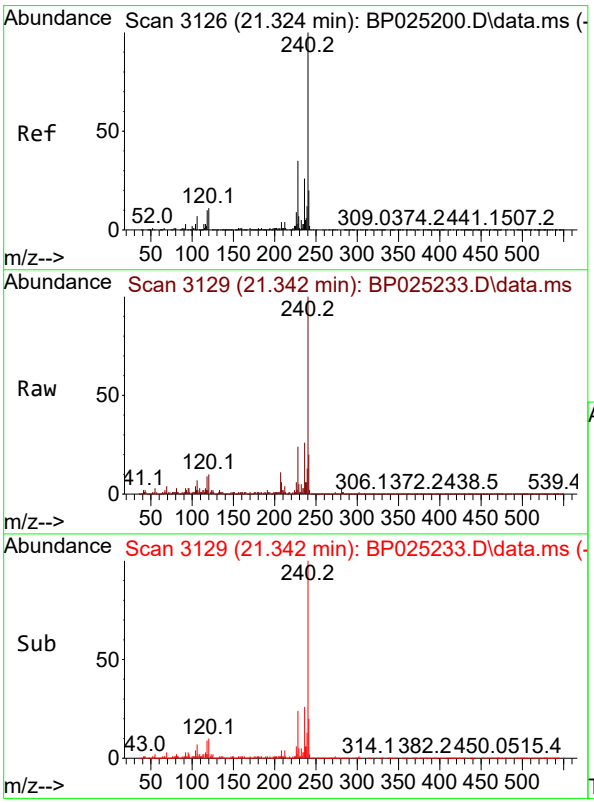
#75
Fluoranthene
Concen: 40.243 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 7366038

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
203	18.4	0.0	38.0

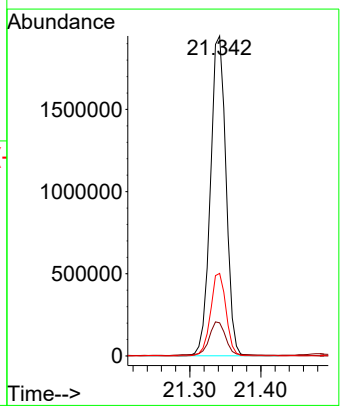


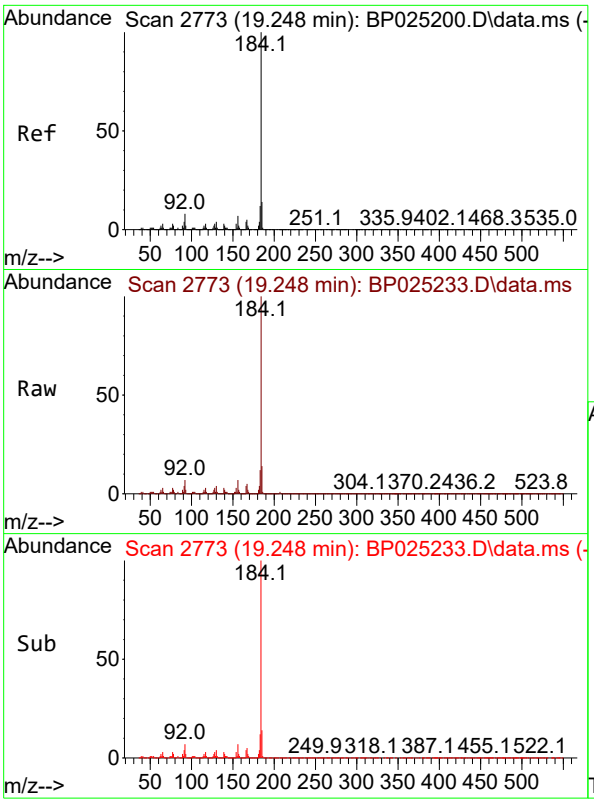


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:240 Resp: 2956396

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	25.8	20.9	31.3



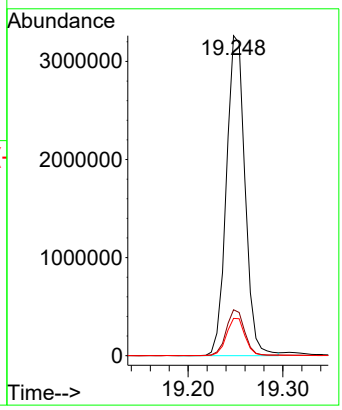


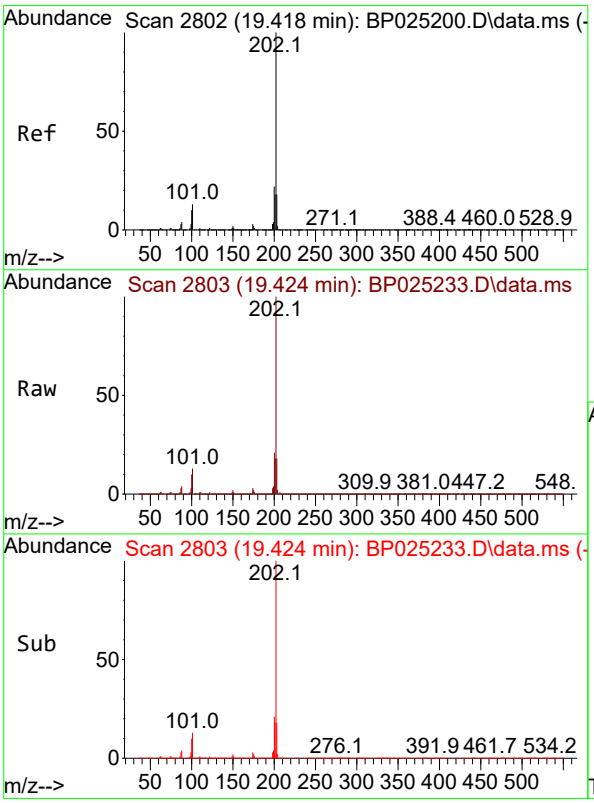
#77
Benzidine
Concen: 42.911 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 4453862

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.7	9.6	14.4

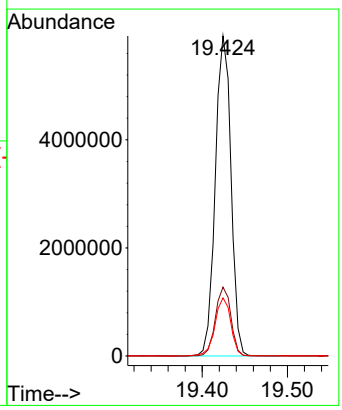


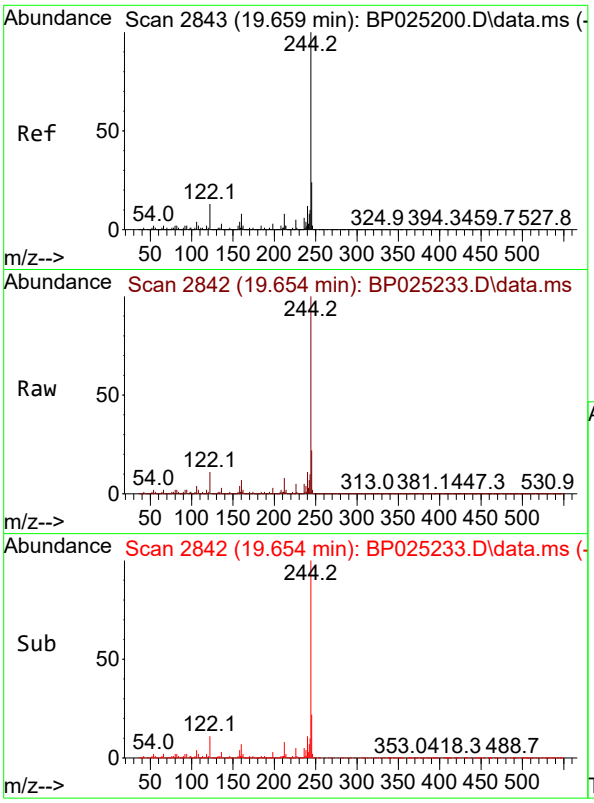


#78
Pyrene
Concen: 41.466 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:202 Resp: 7558775

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5



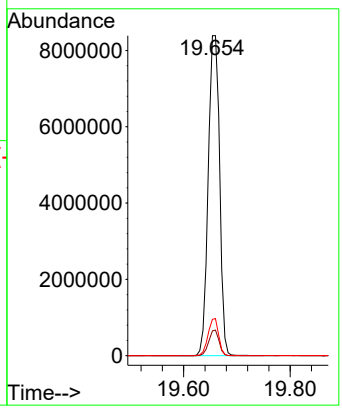


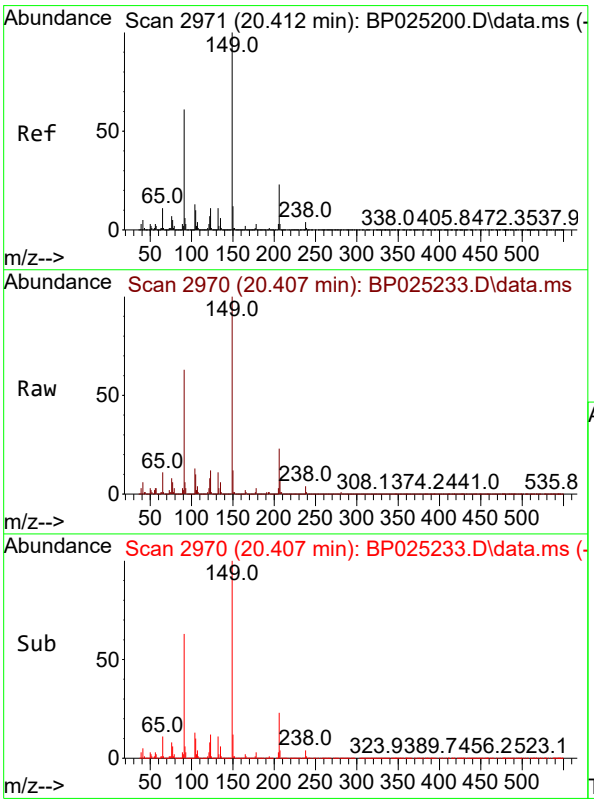
#79
Terphenyl-d14
Concen: 82.843 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp:12406923

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	11.4	10.3	15.5

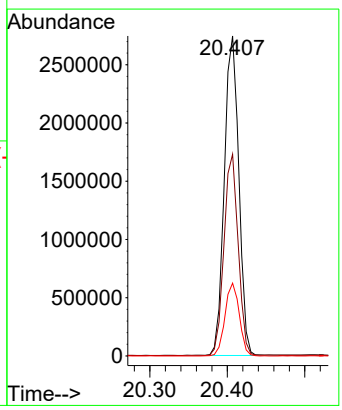


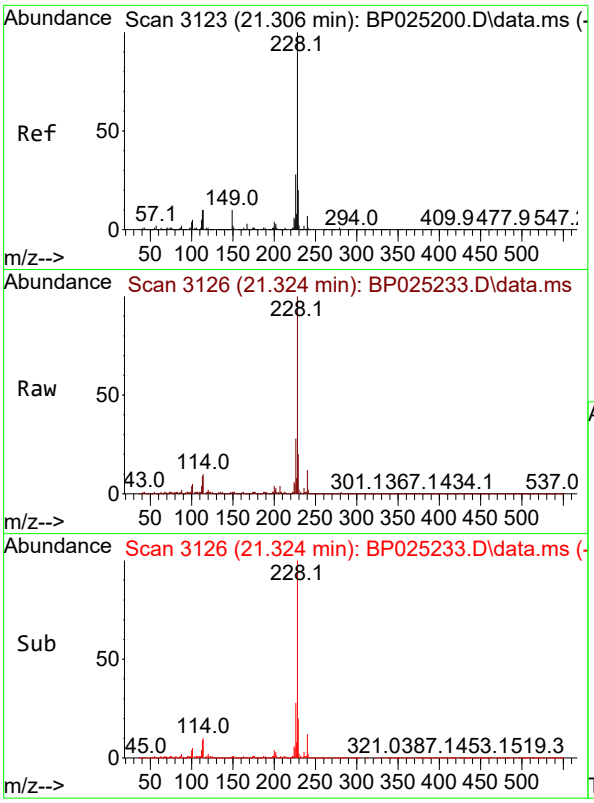


#80
Butylbenzylphthalate
Concen: 43.234 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 3567496

Ion	Ratio	Lower	Upper
149	100		
91	63.1	48.8	73.2
206	22.7	18.4	27.6



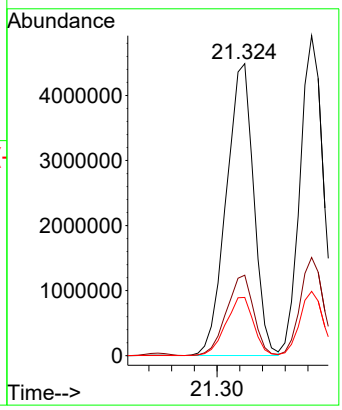


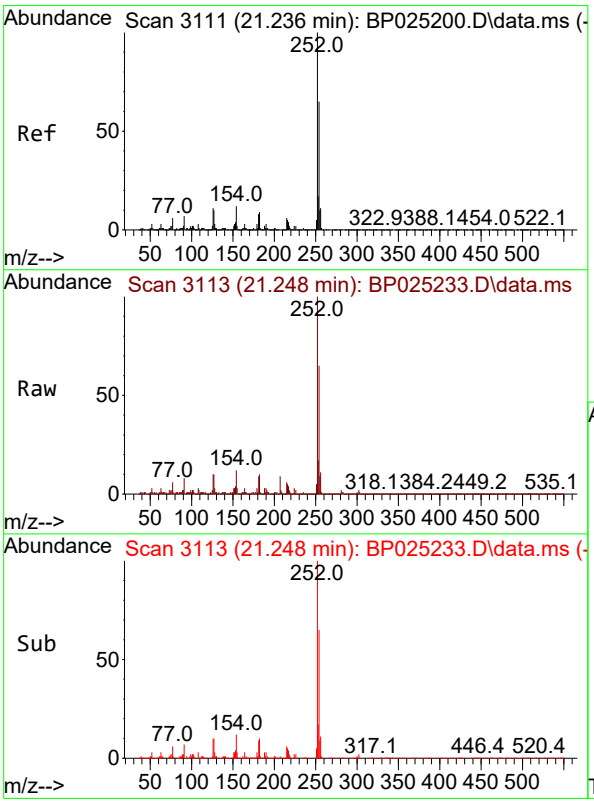
#81
Benzo(a)anthracene
Concen: 40.325 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 7528594

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	20.0	16.2	24.2

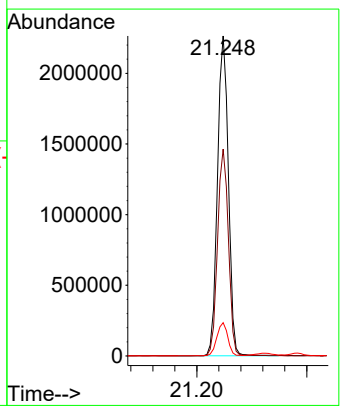


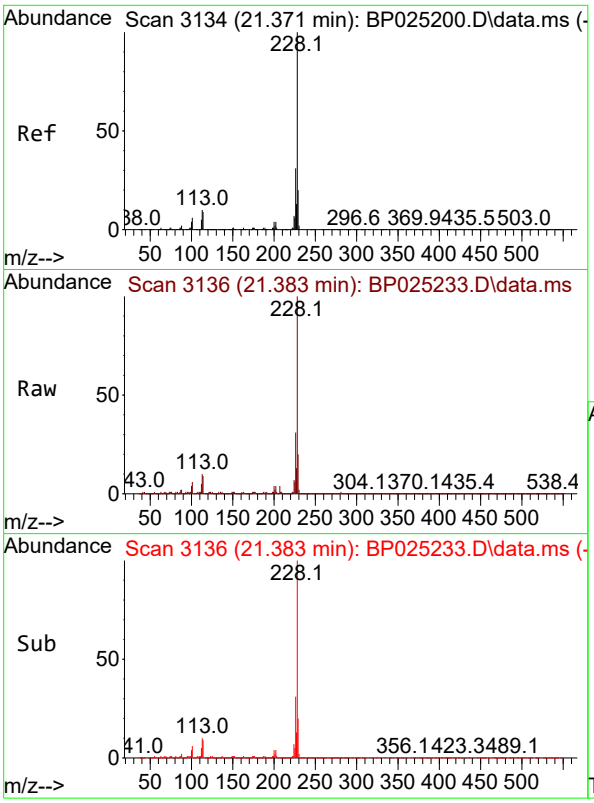


#82
3,3'-Dichlorobenzidine
Concen: 40.249 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:252 Resp: 3114856

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.4	8.6	12.8



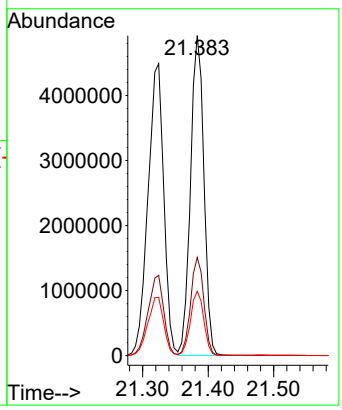


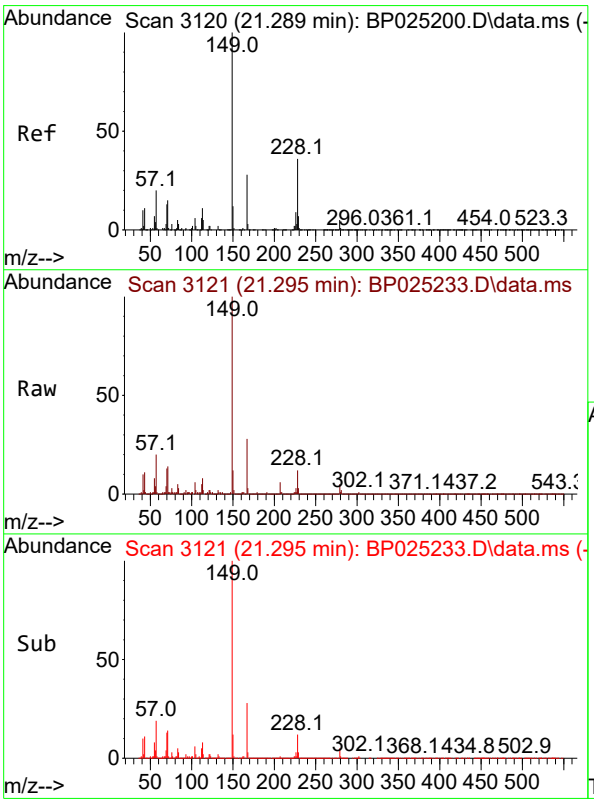
#83
Chrysene
Concen: 40.000 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 6971303

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.1	16.0	24.0

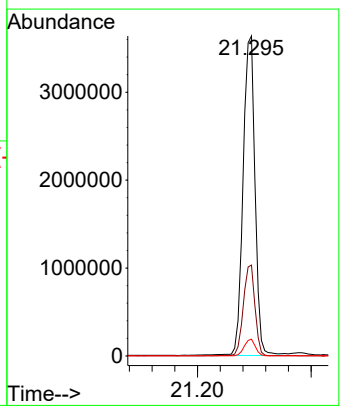


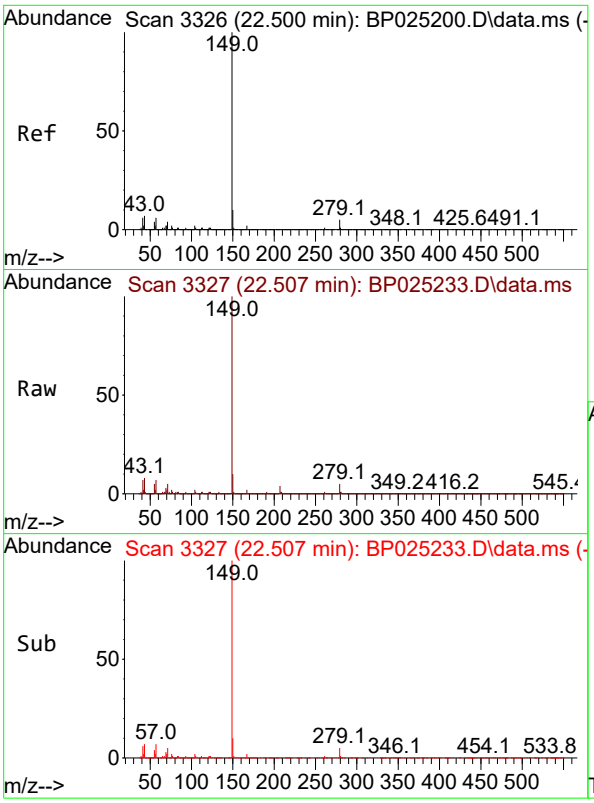


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.592 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 5261242

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	5.2	4.0	6.0



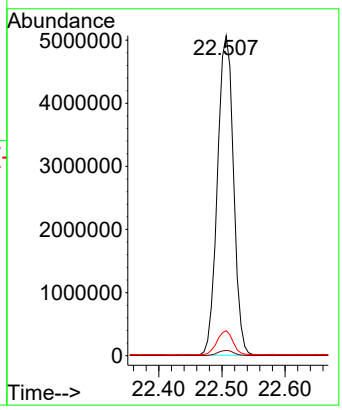


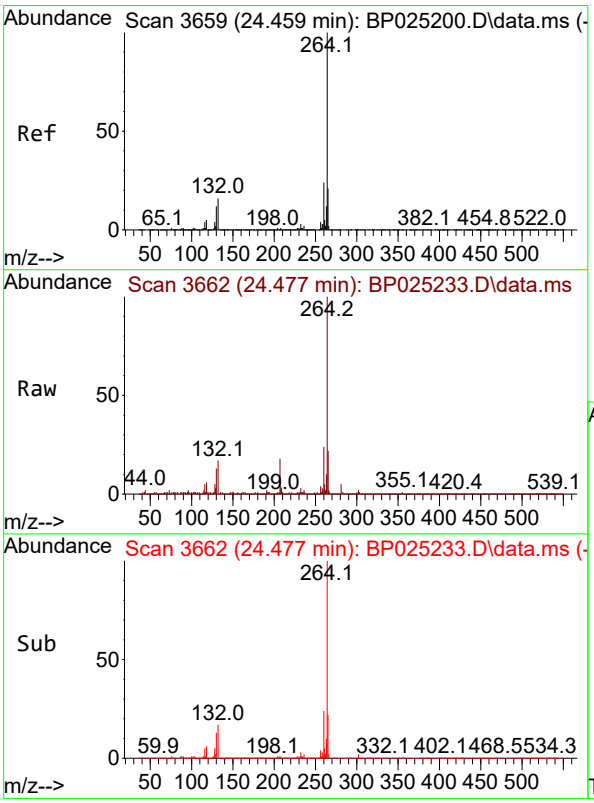
#85
Di-n-octyl phthalate
Concen: 43.938 ng
RT: 22.507 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 8952122

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

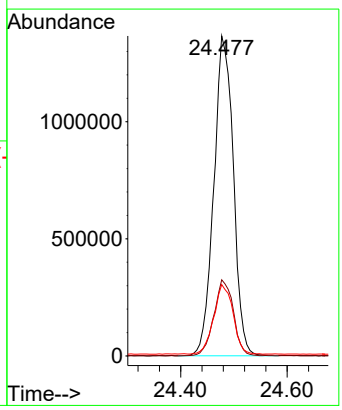


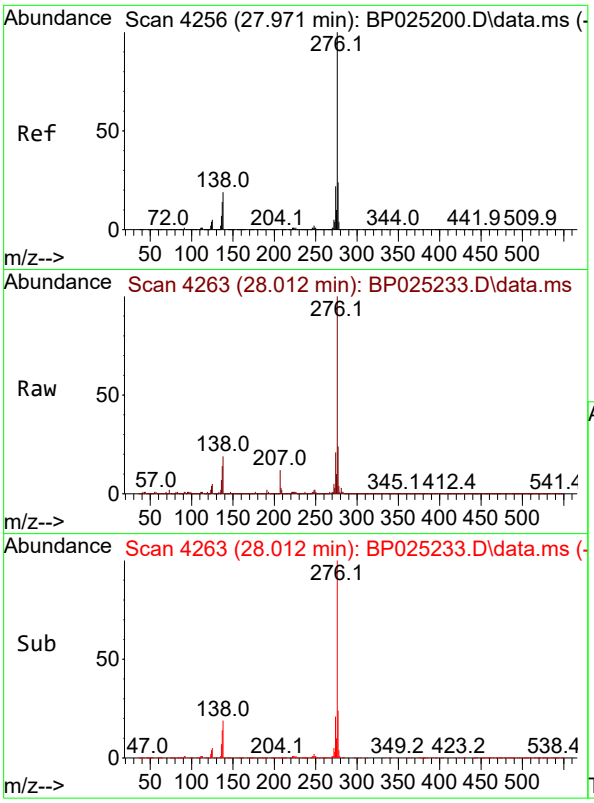


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3662
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:264 Resp: 3473449

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.3	17.5	26.3



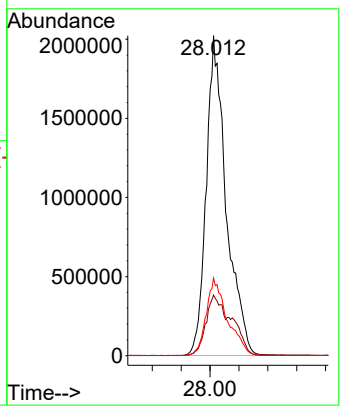


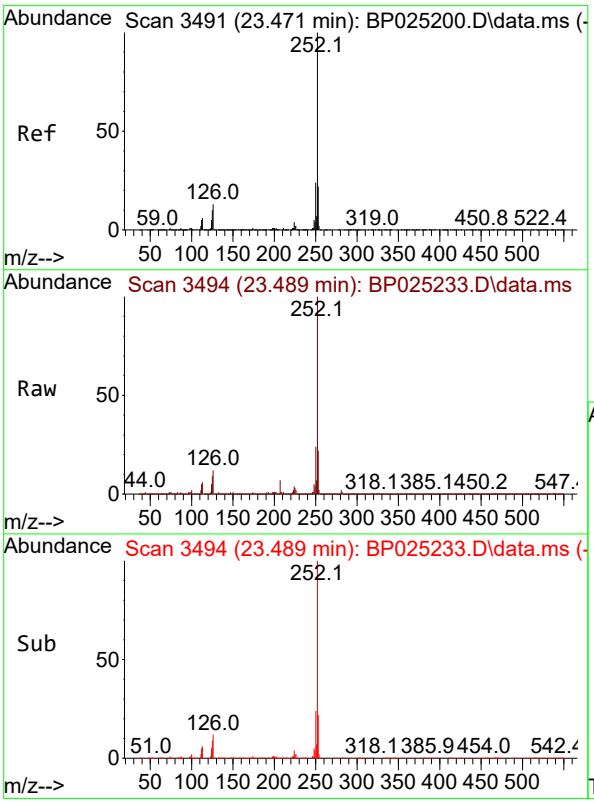
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.306 ng
RT: 28.012 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 9723383

Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.8	19.2
277	25.4	20.3	30.5

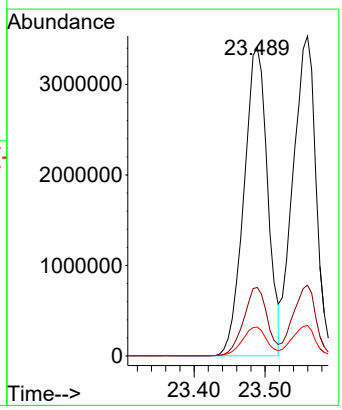


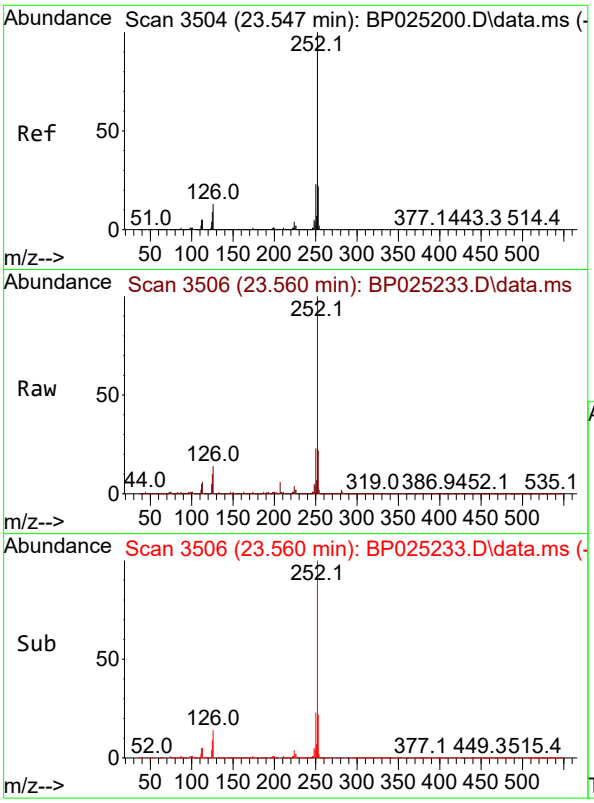


#88
Benzo(b)fluoranthene
Concen: 39.633 ng
RT: 23.489 min Scan# 3494
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:252 Resp: 7879892

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.4	7.8	11.8



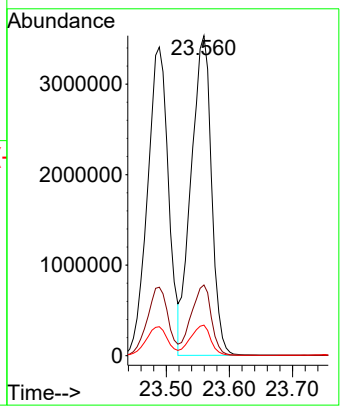


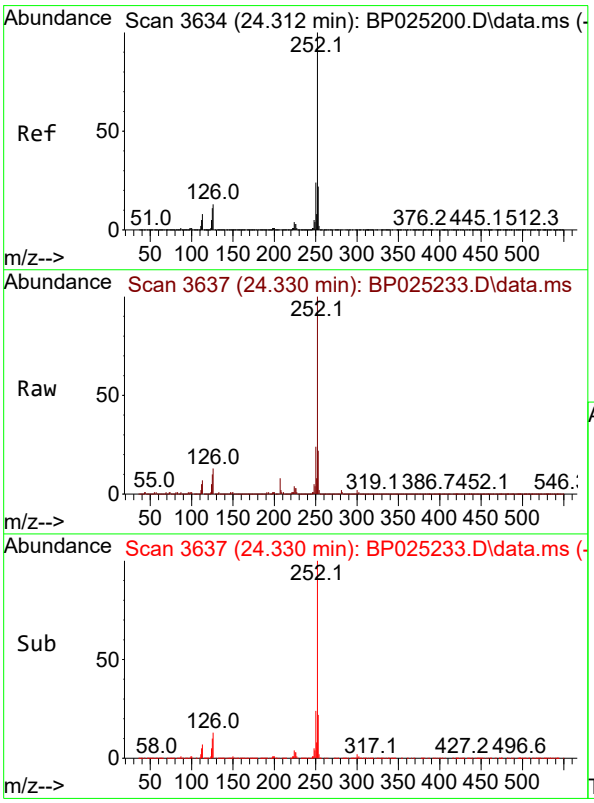
#89
Benzo(k)fluoranthene
Concen: 40.134 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 7877583

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.6	7.5	11.3

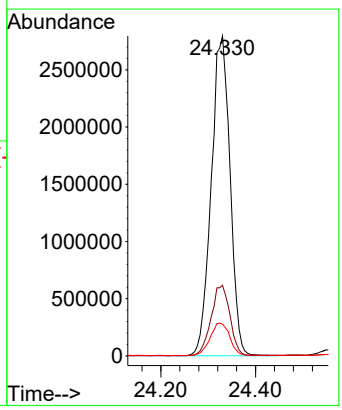


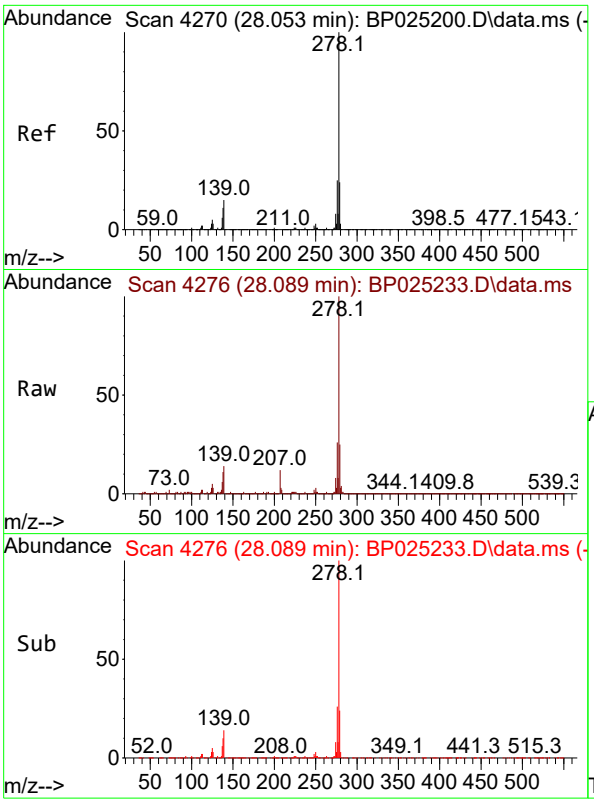


#90
Benzo(a)pyrene
Concen: 39.694 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:252 Resp: 7700098

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.0	8.6	12.8



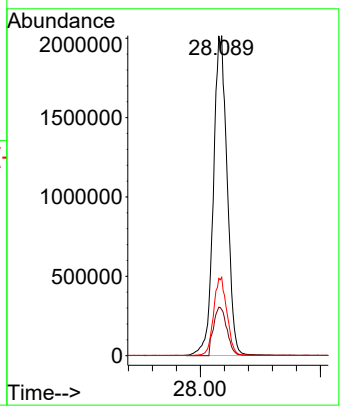


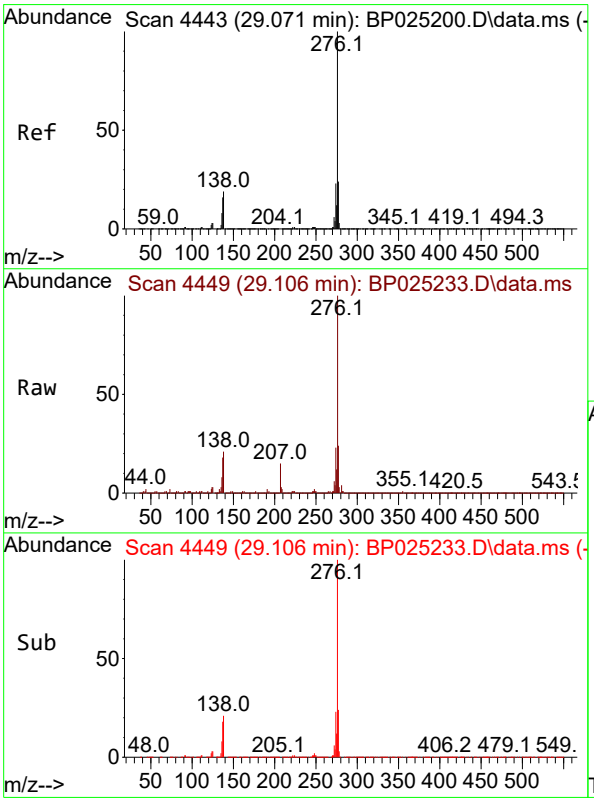
#91
Dibenzo(a,h)anthracene
Concen: 38.652 ng
RT: 28.089 min Scan# 4
Delta R.T. 0.036 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 8004435

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.0	18.0
279	24.5	19.5	29.3

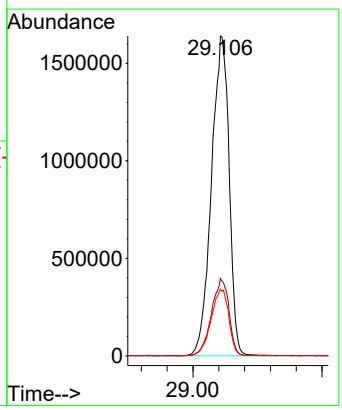




#92
Benzo(g,h,i)perylene
Concen: 38.142 ng
RT: 29.106 min Scan# 4449
Delta R.T. 0.036 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:276 Resp: 7762421

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	20.9	15.4	23.2



Sample Results: **BP025233.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	68	0.00
2		1,4-Dioxane	0.444	0.408	8.1	65	0.00
3		Pyridine	1.188	1.141	4.0	66	0.00
4		n-Nitrosodimethylamine	0.471	0.457	3.0	66	0.00
5	S	2-Fluorophenol	1.184	1.161	1.9	68	0.00
6		Aniline	1.916	1.951	-1.8	69	0.00
7	S	Phenol-d6	1.466	1.503	-2.5	70	0.00
8		2-Chlorophenol	1.343	1.358	-1.1	69	0.00
9		Benzaldehyde	0.994	0.976	1.8	60	0.00
10	C	Phenol	1.520	1.550	-2.0	69	0.01
11		bis(2-Chloroethyl)ether	1.166	1.153	1.1	67	0.00
12		1,3-Dichlorobenzene	1.510	1.493	1.1	68	0.00
13	C	1,4-Dichlorobenzene	1.525	1.525	0.0	69	0.00
14		1,2-Dichlorobenzene	1.467	1.462	0.3	68	0.00
15		Benzyl Alcohol	1.057	1.090	-3.1	70	0.00
16		2,2'-oxybis(1-Chloropropane	1.491	1.473	1.2	67	0.00
17		2-Methylphenol	1.054	1.090	-3.4	70	0.00
18		Hexachloroethane	0.524	0.513	2.1	67	0.00
19	P	n-Nitroso-di-n-propylamine	0.882	0.908	-2.9	69	0.00
20		3+4-Methylphenols	1.438	1.501	-4.4	71	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	69	0.00
22		Acetophenone	0.465	0.457	1.7	70	0.00
23	S	Nitrobenzene-d5	0.360	0.360	0.0	70	0.00
24		Nitrobenzene	0.321	0.319	0.6	70	0.00
25		Isophorone	0.633	0.617	2.5	68	0.00
26	C	2-Nitrophenol	0.184	0.188	-2.2	71	0.00
27		2,4-Dimethylphenol	0.308	0.309	-0.3	70	0.00
28		bis(2-Chloroethoxy)methane	0.396	0.383	3.3	69	0.00
29	C	2,4-Dichlorophenol	0.317	0.325	-2.5	71	0.00
30		1,2,4-Trichlorobenzene	0.346	0.343	0.9	71	0.00
31		Naphthalene	1.023	1.005	1.8	70	0.00
32		Benzoic acid	0.235	0.271	-15.3	79	0.00
33		4-Chloroaniline	0.450	0.456	-1.3	72	0.00
34	C	Hexachlorobutadiene	0.208	0.203	2.4	69	0.00
35		Caprolactam	0.105	0.108	-2.9	74	0.01
36	C	4-Chloro-3-methylphenol	0.317	0.330	-4.1	74	0.01
37		2-Methylnaphthalene	0.665	0.662	0.5	71	0.01
38		1-Methylnaphthalene	0.698	0.700	-0.3	71	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	0.599	0.589	1.7	72	0.01
41	P	Hexachlorocyclopentadiene	0.358	0.241	32.7#	49#	0.01
42	S	2,4,6-Tribromophenol	0.295	0.311	-5.4	78	0.00
43	C	2,4,6-Trichlorophenol	0.410	0.415	-1.2	73	0.00
44		2,4,5-Trichlorophenol	0.451	0.467	-3.5	75	0.00
45	S	2-Fluorobiphenyl	1.419	1.404	1.1	72	0.00
46		1,1'-Biphenyl	1.450	1.418	2.2	72	0.00
47		2-Chloronaphthalene	1.132	1.124	0.7	73	0.02

Sample Results: **BP025233.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	0.289	0.296	-2.4	74	0.00
49		Acenaphthylene	1.831	1.861	-1.6	74	-0.02
50		Dimethylphthalate	1.430	1.416	1.0	74	0.00
51		2,6-Dinitrotoluene	0.311	0.313	-0.6	73	0.00
52	C	Acenaphthene	1.059	1.056	0.3	74	0.00
53		3-Nitroaniline	0.350	0.362	-3.4	76	0.00
54	P	2,4-Dinitrophenol	0.184	0.131	28.8#	52	0.00
55		Dibenzofuran	1.710	1.699	0.6	73	0.00
56	P	4-Nitrophenol	0.300	0.312	-4.0	78	0.01
57		2,4-Dinitrotoluene	0.435	0.458	-5.3	76	0.00
58		Fluorene	1.358	1.361	-0.2	74	0.00
59		2,3,4,6-Tetrachlorophenol	0.399	0.421	-5.5	78	0.01
60		Diethylphthalate	1.410	1.425	-1.1	75	0.00
61		4-Chlorophenyl-phenylether	0.686	0.685	0.1	73	0.00
62		4-Nitroaniline	0.356	0.374	-5.1	78	0.00
63		Azobenzene	1.149	1.176	-2.3	76	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	79	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.092	28.7#	55	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.591	2.6	77	0.00
67		4-Bromophenyl-phenylether	0.233	0.228	2.1	77	0.00
68		Hexachlorobenzene	0.277	0.272	1.8	76	0.00
69		Atrazine	0.225	0.220	2.2	78	-0.01
70	C	Pentachlorophenol	0.188	0.196	-4.3	81	0.00
71		Phenanthrene	1.079	1.050	2.7	77	0.00
72		Anthracene	1.087	1.097	-0.9	80	-0.01
73		Carbazole	1.037	1.026	1.1	78	-0.01
74		Di-n-butylphthalate	1.197	1.258	-5.1	82	0.00
75	C	Fluoranthene	1.270	1.277	-0.6	80	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	80	0.02
77		Benzidine	0.702	0.753	-7.3	72	0.00
78		Pyrene	1.233	1.278	-3.6	82	0.00
79	S	Terphenyl-d14	1.013	1.049	-3.6	95	0.00
80		Butylbenzylphthalate	0.558	0.603	-8.1	86	0.00
81		Benzo(a)anthracene	1.263	1.273	-0.8	82	0.02
82		3,3'-Dichlorobenzidine	0.524	0.527	-0.6	83	0.01
83		Chrysene	1.179	1.179	0.0	82	0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.890	-11.5	89	0.00
85	c	Di-n-octyl phthalate	1.378	1.514	-9.9	88	0.00
86	I	Perylene-d12	1.000	1.000	0.0	80	0.02
87		Indeno(1,2,3-cd)pyrene	1.462	1.400	4.2	78	0.04
88		Benzo(b)fluoranthene	1.145	1.134	1.0	80	0.02
89		Benzo(k)fluoranthene	1.130	1.134	-0.4	80	0.01
90	C	Benzo(a)pyrene	1.117	1.108	0.8	80	0.02
91		Dibenzo(a,h)anthracene	1.192	1.152	3.4	78	0.04
92		Benzo(g,h,i)perylene	1.172	1.117	4.7	78	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

Sample Results: **BP025233.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	68	0.00
2		1,4-Dioxane	40.000	36.816	8.0	65	0.00
3		Pyridine	40.000	38.421	3.9	66	0.00
4		n-Nitrosodimethylamine	40.000	38.788	3.0	66	0.00
5	S	2-Fluorophenol	80.000	78.448	1.9	68	0.00
6		Aniline	40.000	40.729	-1.8	69	0.00
7	S	Phenol-d6	80.000	82.028	-2.5	70	0.00
8		2-Chlorophenol	40.000	40.456	-1.1	69	0.00
9		Benzaldehyde	40.000	39.287	1.8	60	0.00
10	C	Phenol	40.000	40.785	-2.0	69	0.01
11		bis(2-Chloroethyl)ether	40.000	39.567	1.1	67	0.00
12		1,3-Dichlorobenzene	40.000	39.538	1.2	68	0.00
13	C	1,4-Dichlorobenzene	40.000	40.012	-0.0	69	0.00
14		1,2-Dichlorobenzene	40.000	39.868	0.3	68	0.00
15		Benzyl Alcohol	40.000	41.216	-3.0	70	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.515	1.2	67	0.00
17		2-Methylphenol	40.000	41.367	-3.4	70	0.00
18		Hexachloroethane	40.000	39.134	2.2	67	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.187	-3.0	69	0.00
20		3+4-Methylphenols	40.000	41.763	-4.4	71	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	69	0.00
22		Acetophenone	40.000	39.248	1.9	70	0.00
23	S	Nitrobenzene-d5	80.000	79.938	0.1	70	0.00
24		Nitrobenzene	40.000	39.723	0.7	70	0.00
25		Isophorone	40.000	38.968	2.6	68	0.00
26	C	2-Nitrophenol	40.000	40.797	-2.0	71	0.00
27		2,4-Dimethylphenol	40.000	40.048	-0.1	70	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.676	3.3	69	0.00
29	C	2,4-Dichlorophenol	40.000	40.989	-2.5	71	0.00
30		1,2,4-Trichlorobenzene	40.000	39.643	0.9	71	0.00
31		Naphthalene	40.000	39.298	1.8	70	0.00
32		Benzoic acid	40.000	46.045	-15.1	79	0.00
33		4-Chloroaniline	40.000	40.517	-1.3	72	0.00
34	C	Hexachlorobutadiene	40.000	39.036	2.4	69	0.00
35		Caprolactam	40.000	41.148	-2.9	74	0.01
36	C	4-Chloro-3-methylphenol	40.000	41.636	-4.1	74	0.01
37		2-Methylnaphthalene	40.000	39.866	0.3	71	0.01
38		1-Methylnaphthalene	40.000	40.117	-0.3	71	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	72	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.302	1.7	72	0.01
41	P	Hexachlorocyclopentadiene	40.000	26.882	32.8#	49	0.01
42	S	2,4,6-Tribromophenol	80.000	84.471	-5.6	78	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.487	-1.2	73	0.00
44		2,4,5-Trichlorophenol	40.000	41.417	-3.5	75	0.00
45	S	2-Fluorobiphenyl	80.000	79.162	1.0	72	0.00
46		1,1'-Biphenyl	40.000	39.129	2.2	72	0.00
47		2-Chloronaphthalene	40.000	39.721	0.7	73	0.02

Sample Results: **BP025233.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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	41.019	-2.5	74	0.00
49		Acenaphthylene	40.000	40.650	-1.6	74	-0.02
50		Dimethylphthalate	40.000	39.591	1.0	74	0.00
51		2,6-Dinitrotoluene	40.000	40.347	-0.9	73	0.00
52	C	Acenaphthene	40.000	39.892	0.3	74	0.00
53		3-Nitroaniline	40.000	41.315	-3.3	76	0.00
54	P	2,4-Dinitrophenol	40.000	28.461	28.8#	52	0.00
55		Dibenzofuran	40.000	39.729	0.7	73	0.00
56	P	4-Nitrophenol	40.000	41.574	-3.9	78	0.01
57		2,4-Dinitrotoluene	40.000	42.136	-5.3	76	0.00
58		Fluorene	40.000	40.103	-0.3	74	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.216	-5.5	78	0.01
60		Diethylphthalate	40.000	40.436	-1.1	75	0.00
61		4-Chlorophenyl-phenylether	40.000	39.914	0.2	73	0.00
62		4-Nitroaniline	40.000	41.969	-4.9	78	0.00
63		Azobenzene	40.000	40.936	-2.3	76	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	79	0.00
65		4,6-Dinitro-2-methylphenol	40.000	28.505	28.7#	55	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.963	2.6	77	0.00
67		4-Bromophenyl-phenylether	40.000	39.056	2.4	77	0.00
68		Hexachlorobenzene	40.000	39.216	2.0	76	0.00
69		Atrazine	40.000	39.181	2.0	78	-0.01
70	C	Pentachlorophenol	40.000	41.595	-4.0	81	0.00
71		Phenanthrene	40.000	38.944	2.6	77	0.00
72		Anthracene	40.000	40.390	-1.0	80	-0.01
73		Carbazole	40.000	39.575	1.1	78	-0.01
74		Di-n-butylphthalate	40.000	42.030	-5.1	82	0.00
75	C	Fluoranthene	40.000	40.243	-0.6	80	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	80	0.02
77		Benzidine	40.000	42.911	-7.3	72	0.00
78		Pyrene	40.000	41.466	-3.7	82	0.00
79	S	Terphenyl-d14	80.000	82.843	-3.6	95	0.00
80		Butylbenzylphthalate	40.000	43.234	-8.1	86	0.00
81		Benzo(a)anthracene	40.000	40.325	-0.8	82	0.02
82		3,3'-Dichlorobenzidine	40.000	40.249	-0.6	83	0.01
83		Chrysene	40.000	40.000	0.0	82	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	44.592	-11.5	89	0.00
85	c	Di-n-octyl phthalate	40.000	43.938	-9.8	88	0.00
86	I	Perylene-d12	20.000	20.000	0.0	80	0.02
87		Indeno(1,2,3-cd)pyrene	40.000	38.306	4.2	78	0.04
88		Benzo(b)fluoranthene	40.000	39.633	0.9	80	0.02
89		Benzo(k)fluoranthene	40.000	40.134	-0.3	80	0.01
90	C	Benzo(a)pyrene	40.000	39.694	0.8	80	0.02
91		Dibenzo(a,h)anthracene	40.000	38.652	3.4	78	0.04
92		Benzo(g,h,i)perylene	40.000	38.142	4.6	78	0.04

Sample Results: **BP025233.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 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

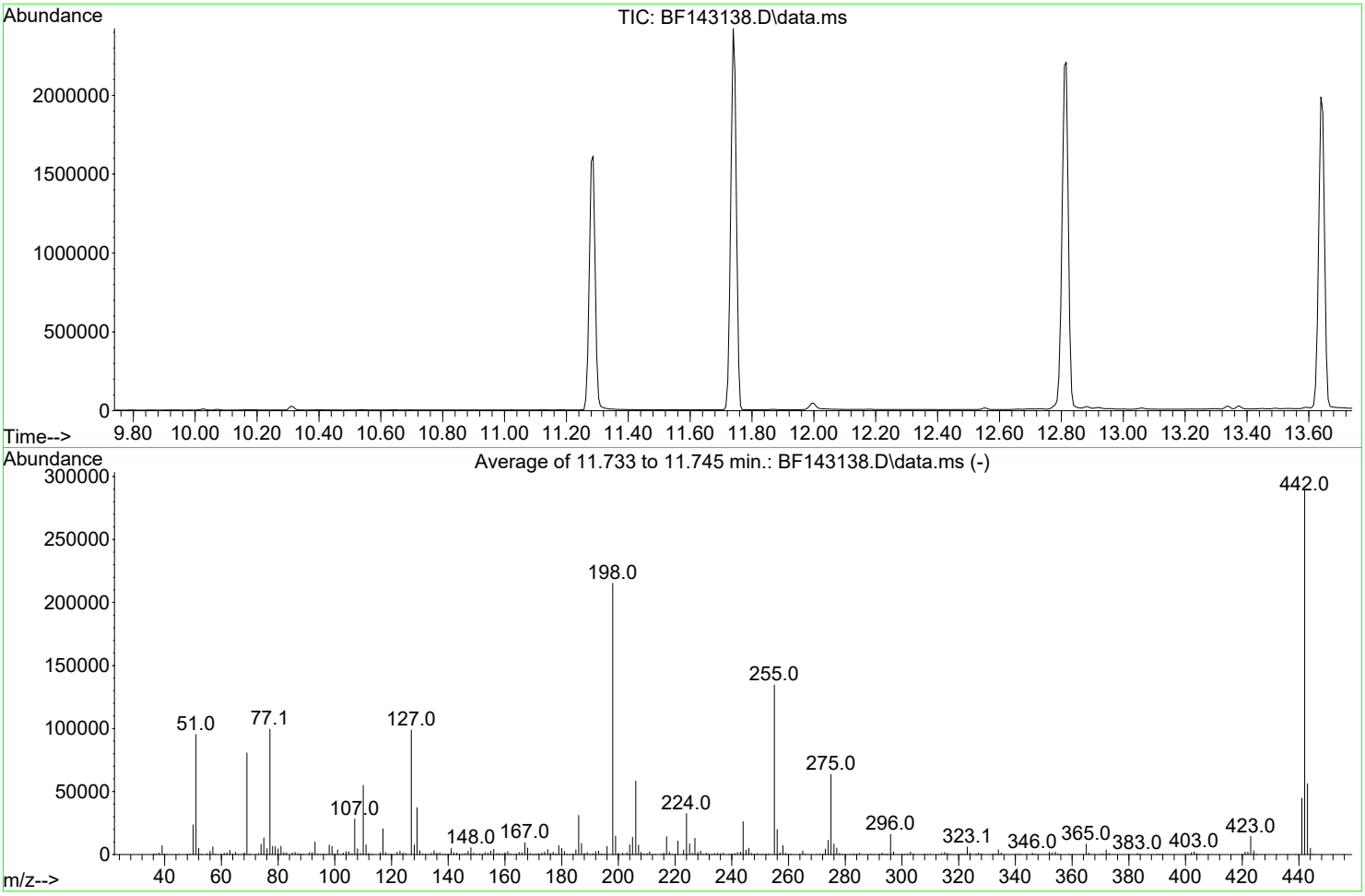
Sample Results: **BF143138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

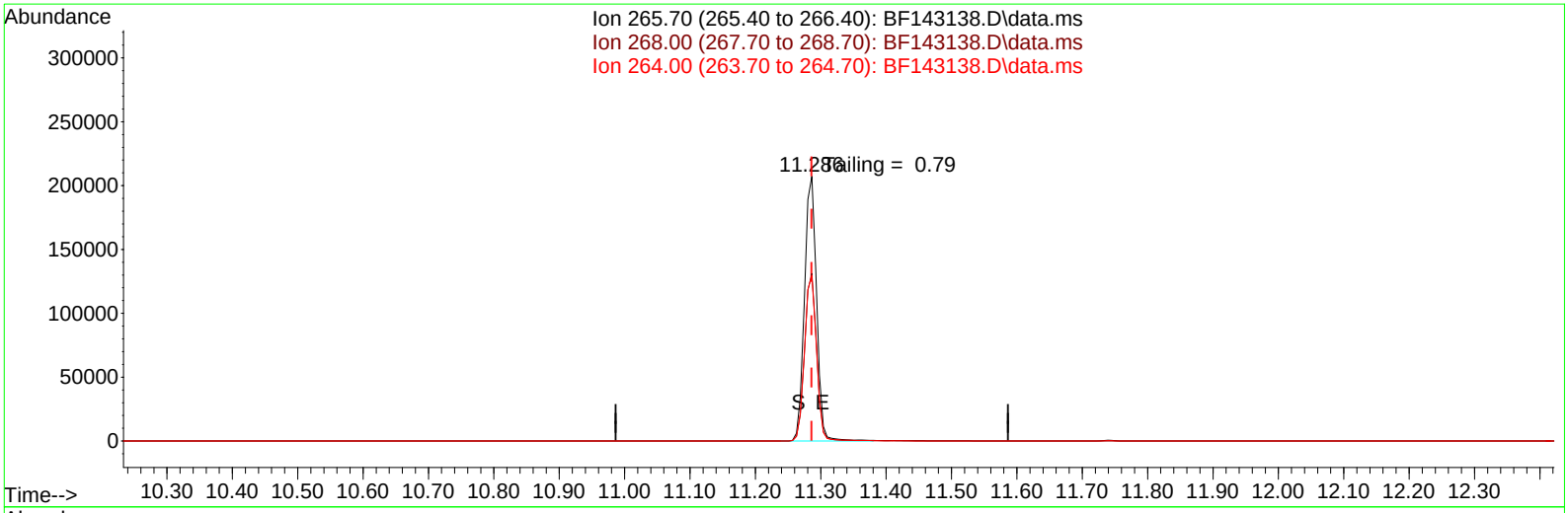
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1515	PASS
69	69	100	100	100.0	80680	PASS
70	69	0.00	2	0.5	430	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	215296	PASS
199	198	5	9	6.8	14617	PASS
365	198	1	100	3.8	8287	PASS
441	443	0.01	150	79.6	44723	PASS
442	442	100	100	100.0	288853	PASS
443	442	15	24	19.5	56203	PASS

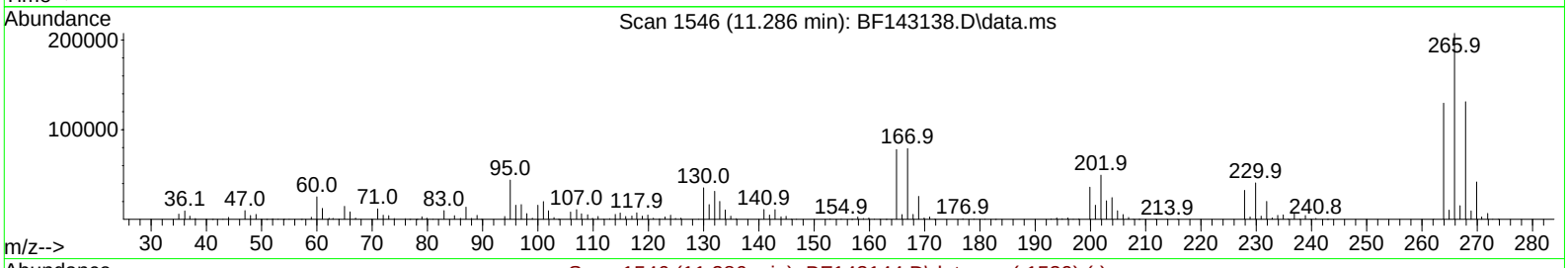
Sample Results: **BF143138.D**

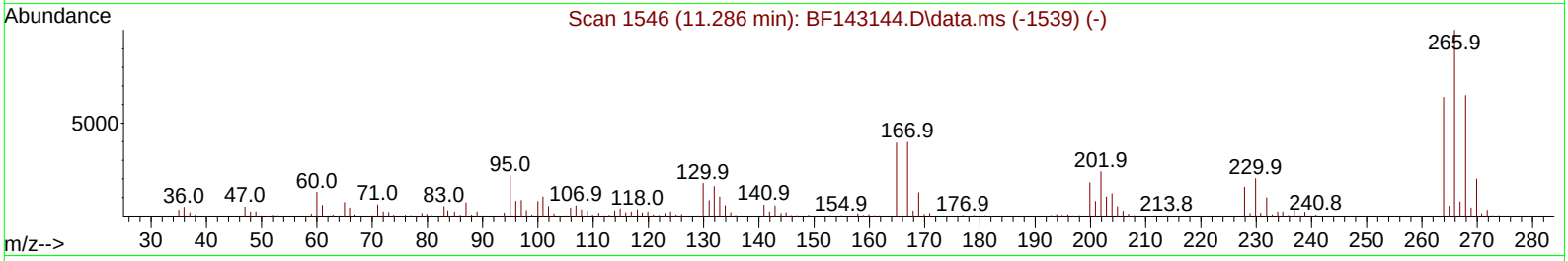
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143138.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 29509.64 ng

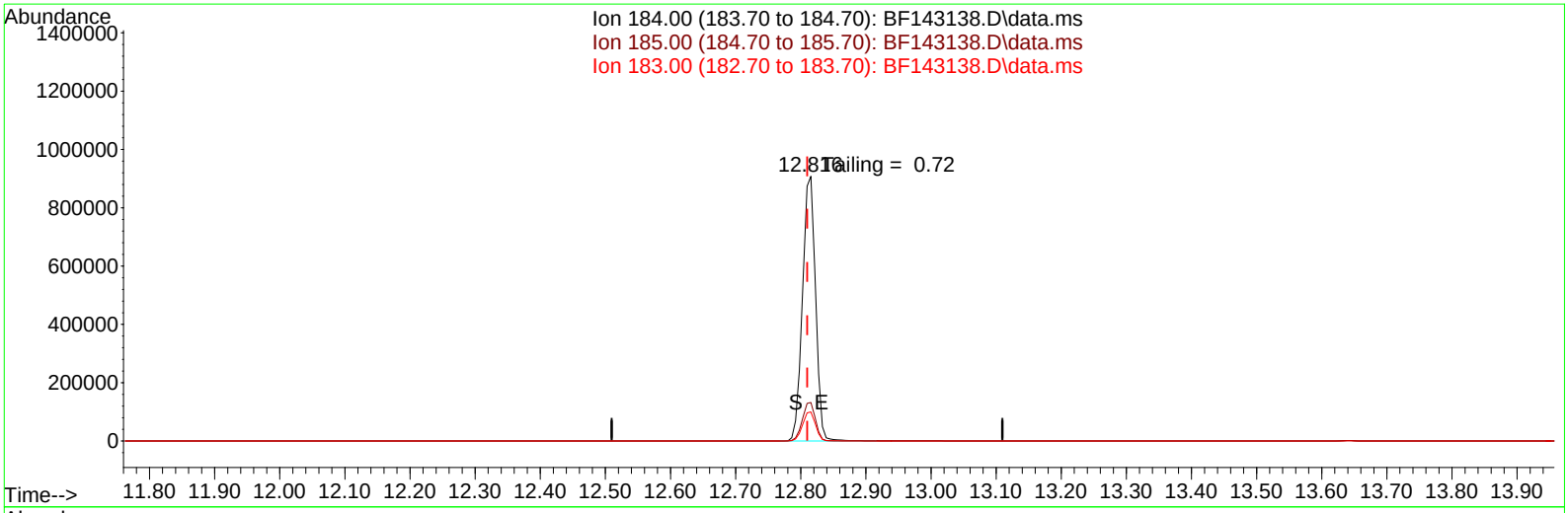
response 268044

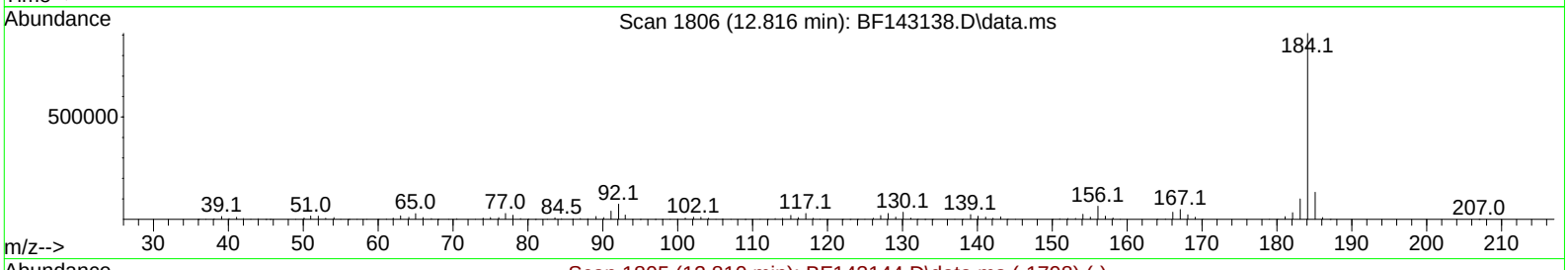
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	63.24
264.00	63.80	62.50
0.00	0.00	0.00

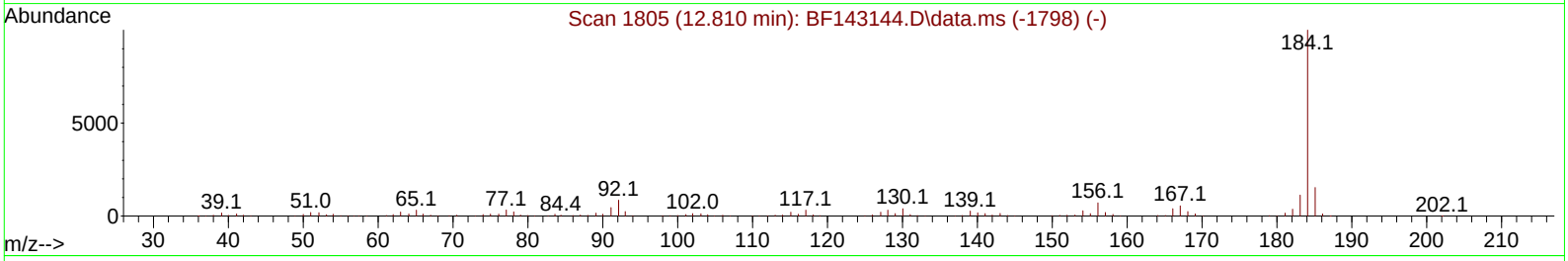
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143138.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 1266864

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.57
183.00	11.20	10.98
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/17/2025	BNA_F	BF143138.D
Compound Name	**Response**	**Retention Time**
DDT	490244	13.639
DDD	9488	13.339
DDE	328	13.004
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9816	500060	1.96

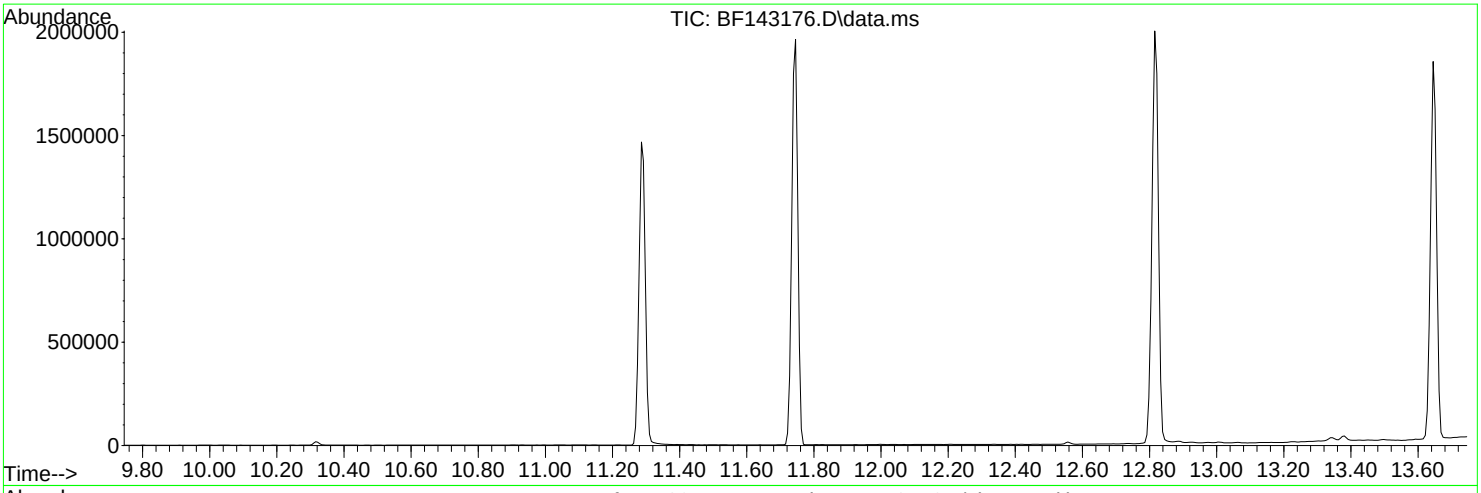
Sample Results: **BF143176.D**

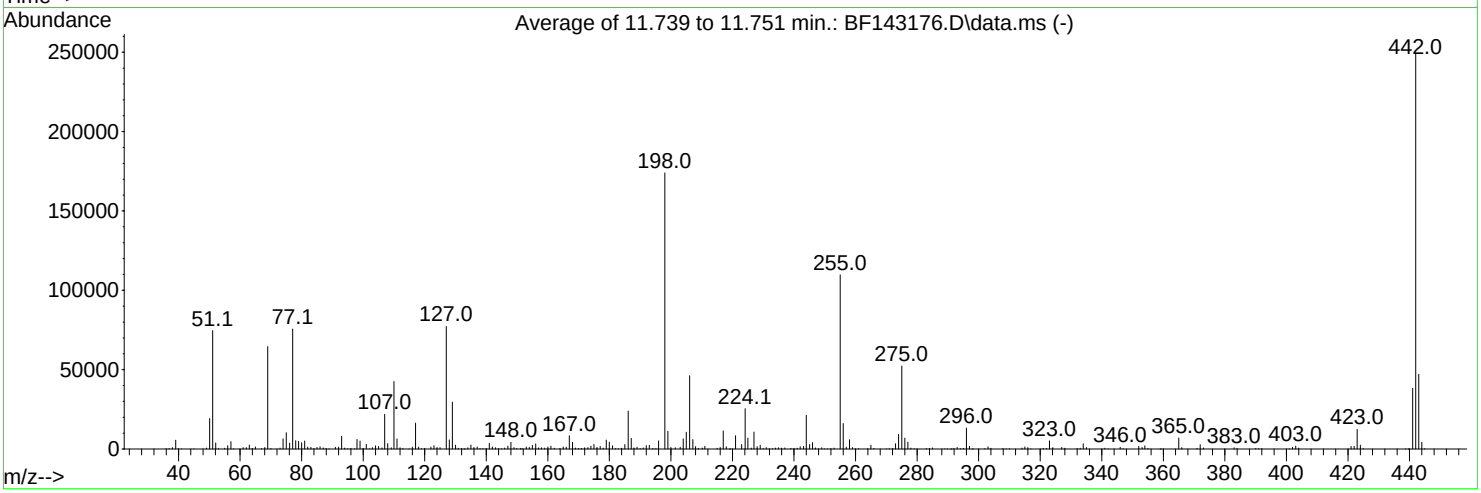
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143176.D
Acq On : 22 Jul 2025 07:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270E-Tune.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 23 16:55:25 2022





AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1616

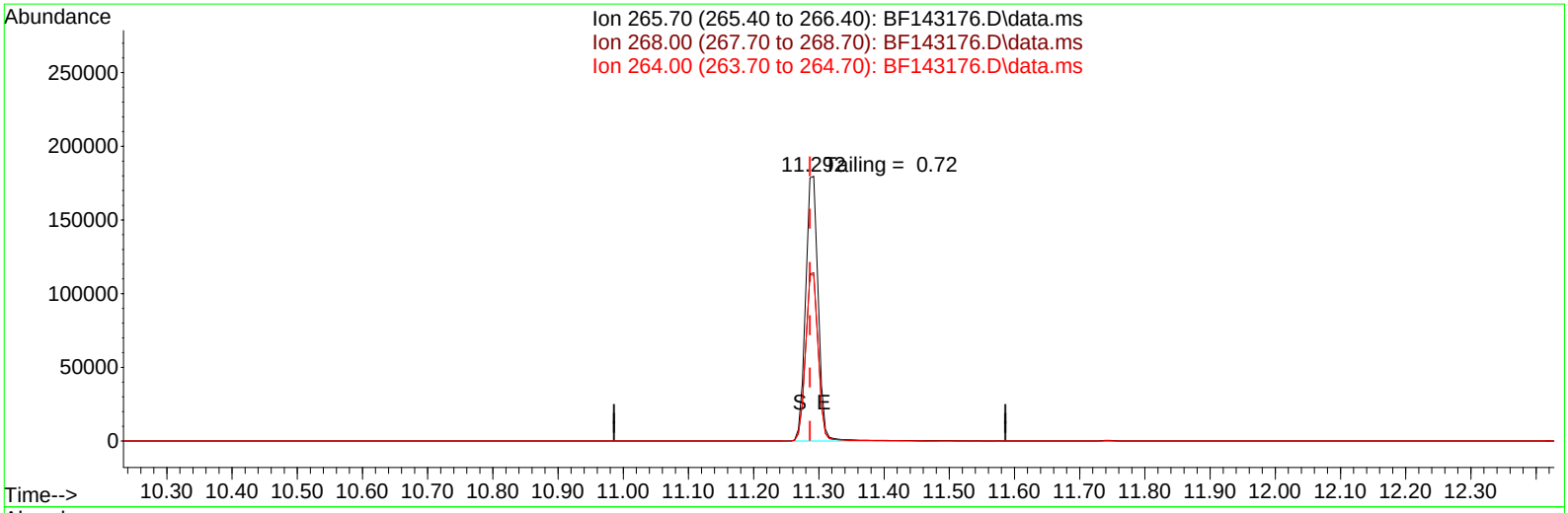
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	1012	PASS
69	69	100	100	100.0	64563	PASS
70	69	0.00	2	0.5	329	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	174029	PASS
199	198	5	9	6.4	11198	PASS
365	198	1	100	4.0	6980	PASS
441	443	0.01	150	81.1	38184	PASS
442	442	100	100	100.0	248789	PASS
443	442	15	24	18.9	47107	PASS

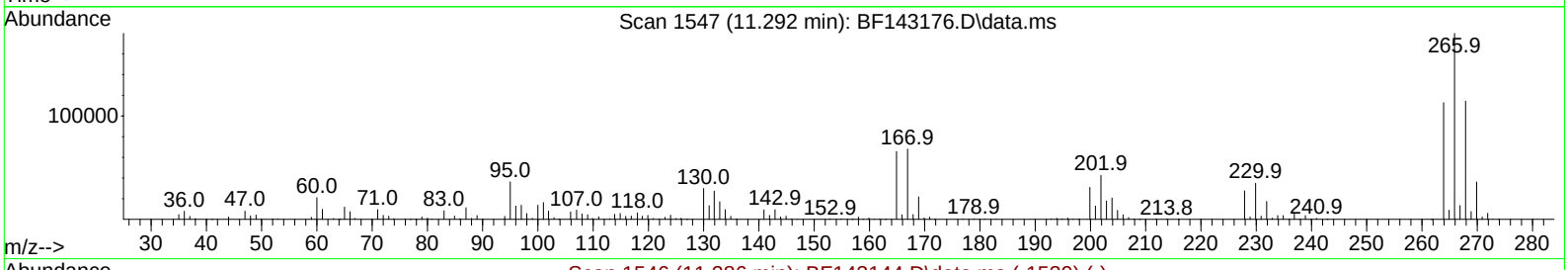
Sample Results: **BF143176.D**

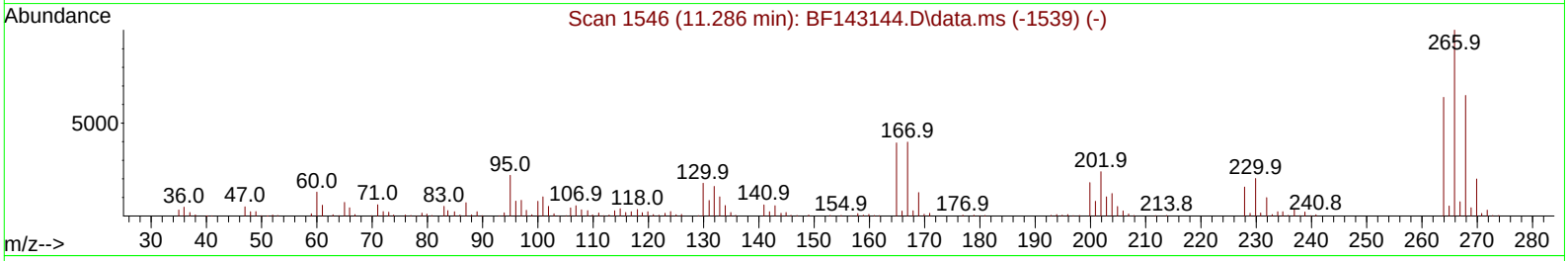
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143176.D
Acq On : 22 Jul 2025 07:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 22 11:11:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143176.D\data.ms

(70) Pentachlorophenol (C)

11.292min (+ 0.006) 32381.96 ng

response 241949

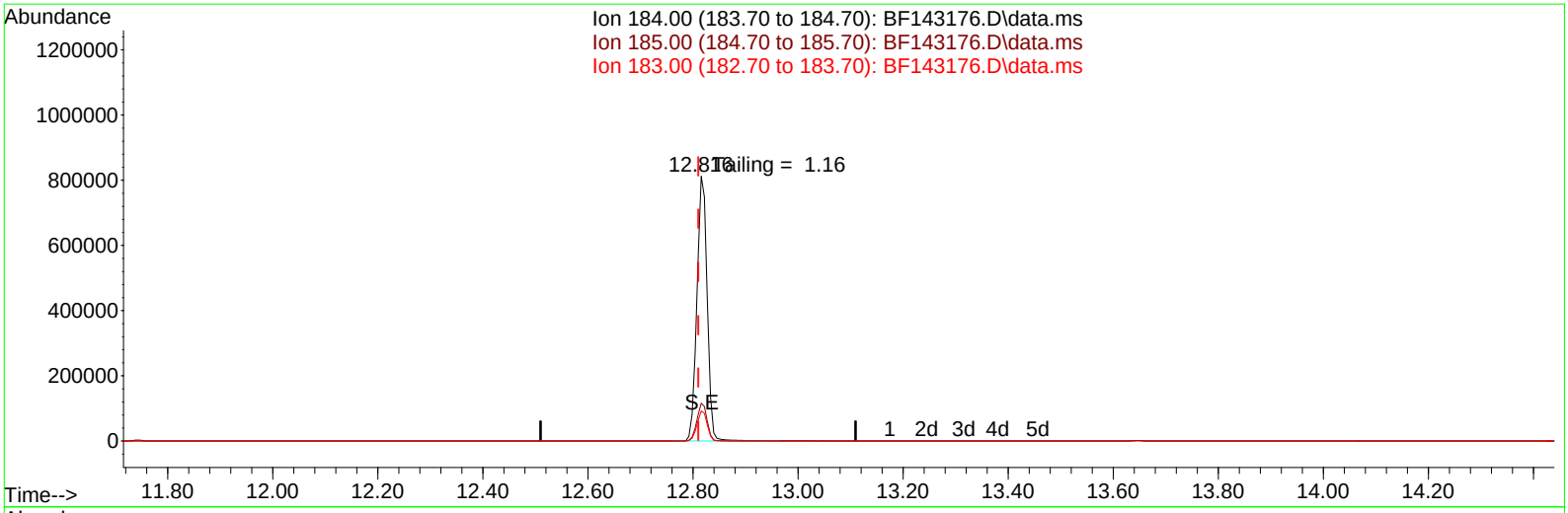
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	63.58
264.00	63.80	62.74
0.00	0.00	0.00

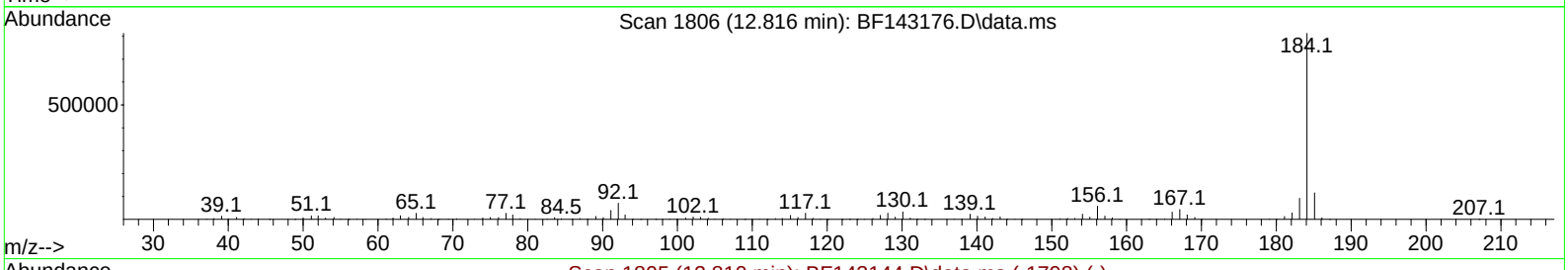
Sample Results: **BF143176.D**

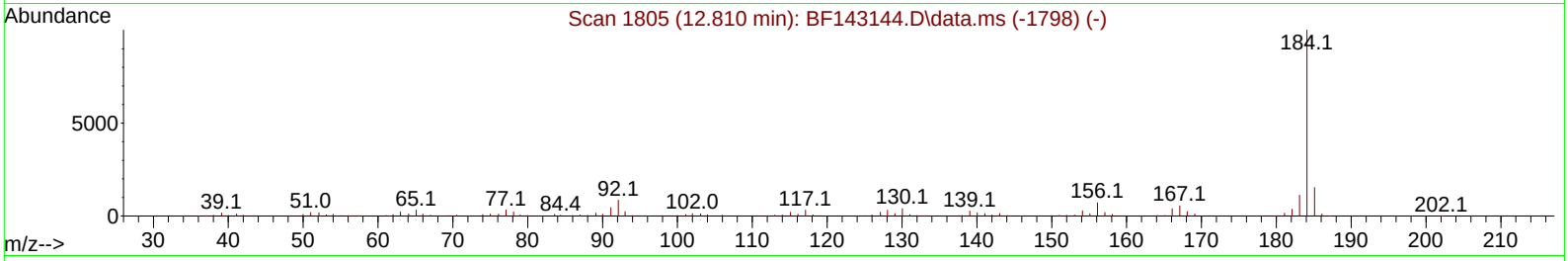
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143176.D
Acq On : 22 Jul 2025 07:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 22 11:11:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143176.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 514868.65 ng m

response 1110844

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.24
183.00	11.20	11.33
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/22/2025	BNA_F	BF143176.D
Compound Name	**Response**	**Retention Time**
DDT	445109	13.645
DDD	8683	13.38
DDE	869	13.01
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9552	454661	2.10

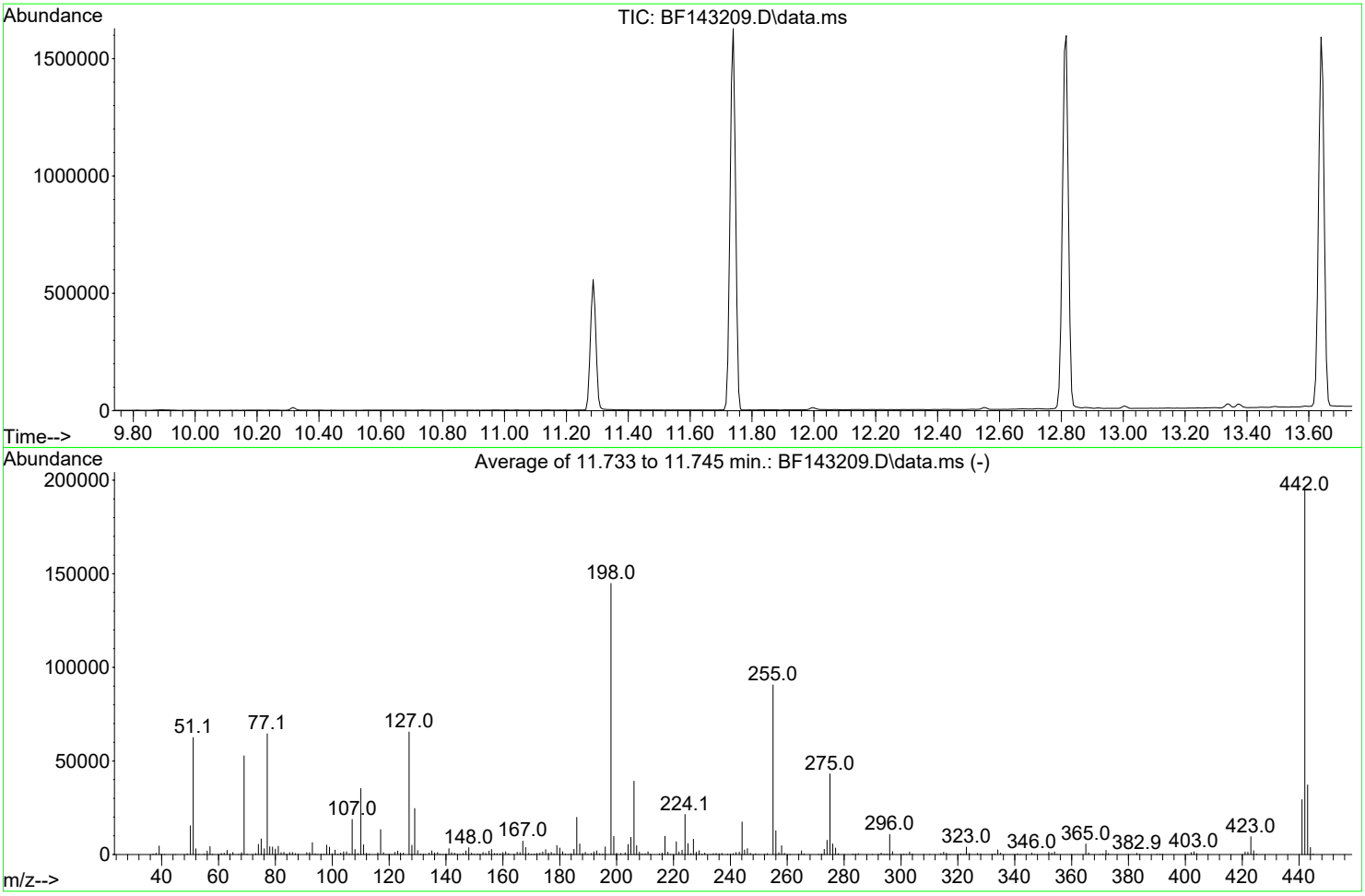
Sample Results: **BF143209.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1615

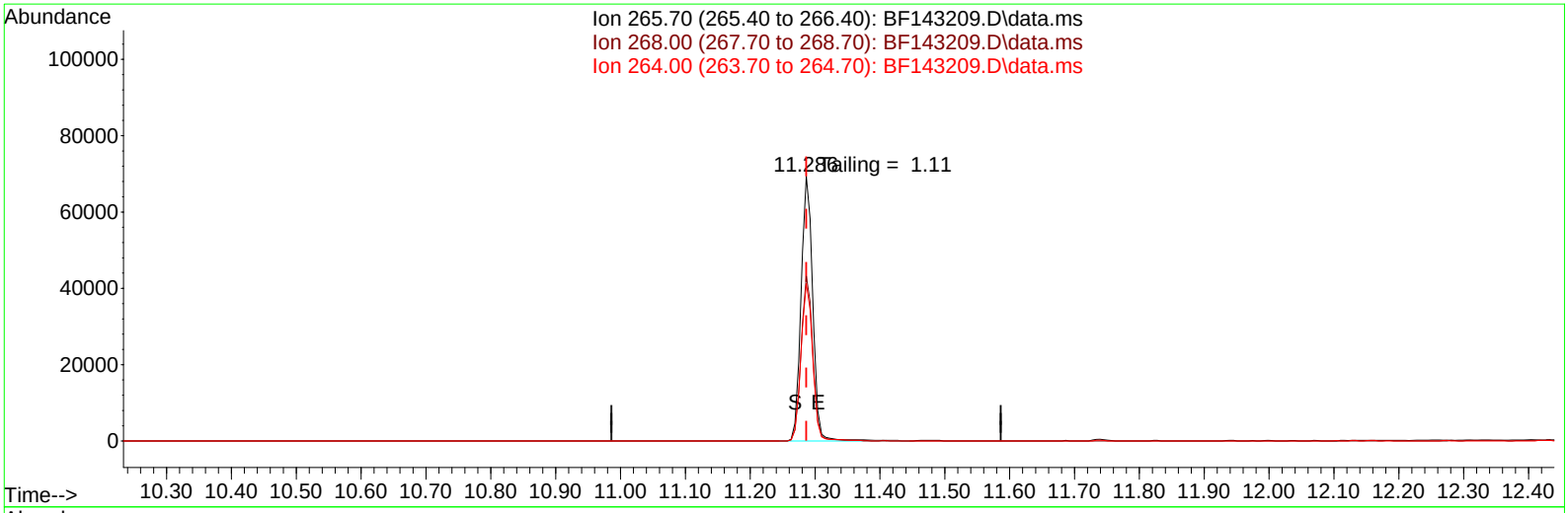
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1017	PASS
69	69	100	100	100.0	52688	PASS
70	69	0.00	2	0.6	323	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	144864	PASS
199	198	5	9	6.7	9687	PASS
365	198	1	100	3.9	5697	PASS
441	443	0.01	150	78.8	29299	PASS
442	442	100	100	100.0	194453	PASS
443	442	15	24	19.1	37184	PASS

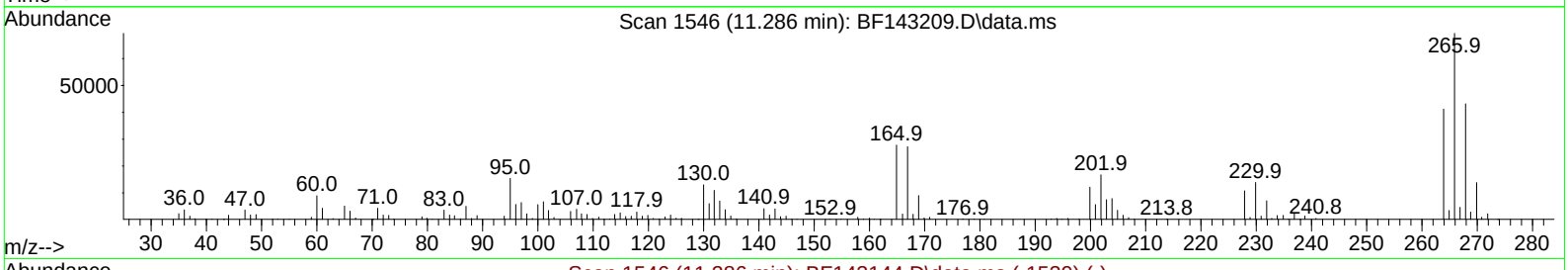
Sample Results: **BF143209.D**

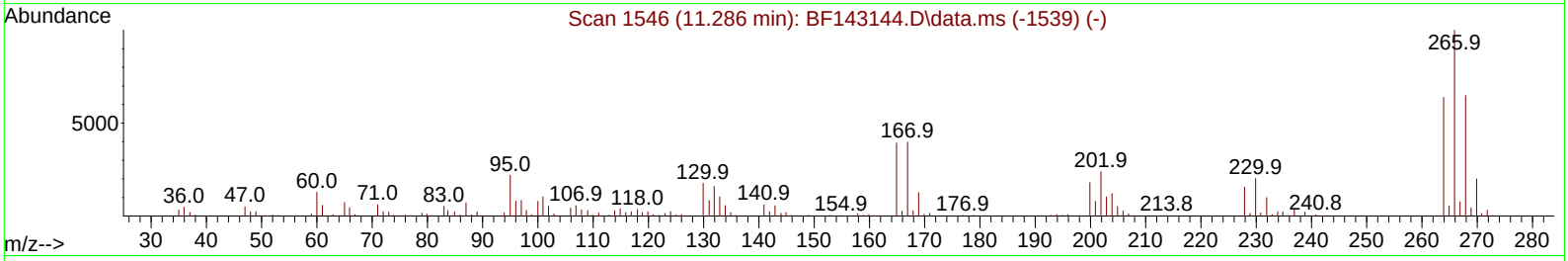
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143209.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 14501.34 ng

response 87636

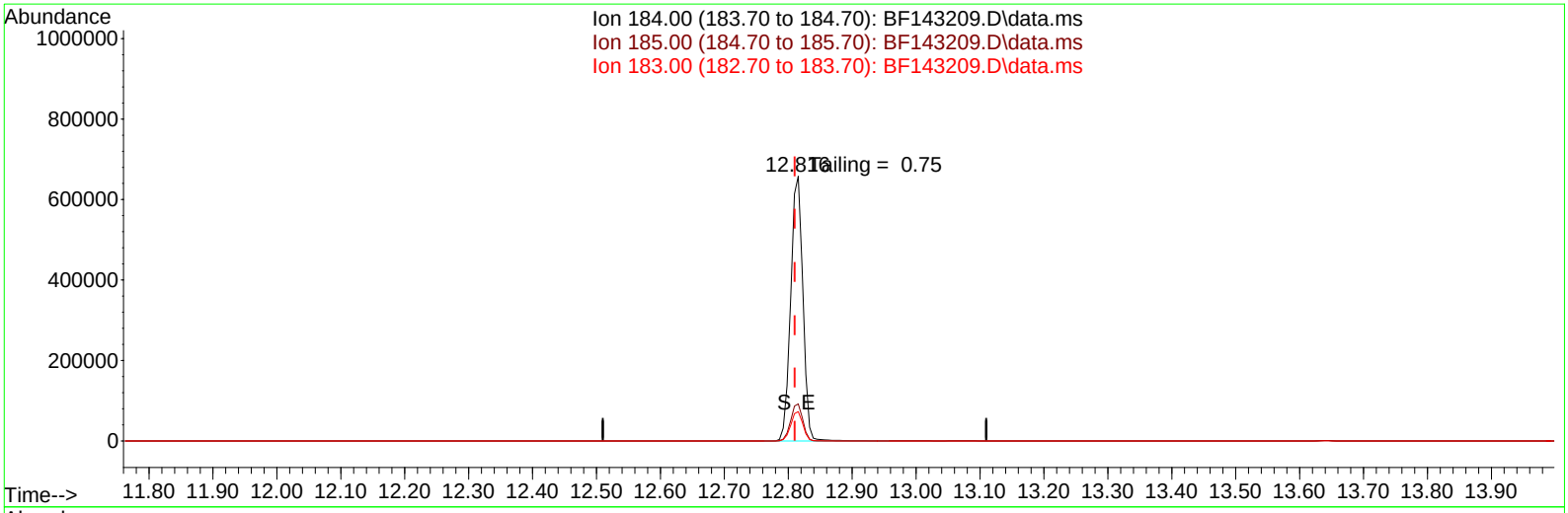
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	62.26
264.00	63.80	59.46
0.00	0.00	0.00

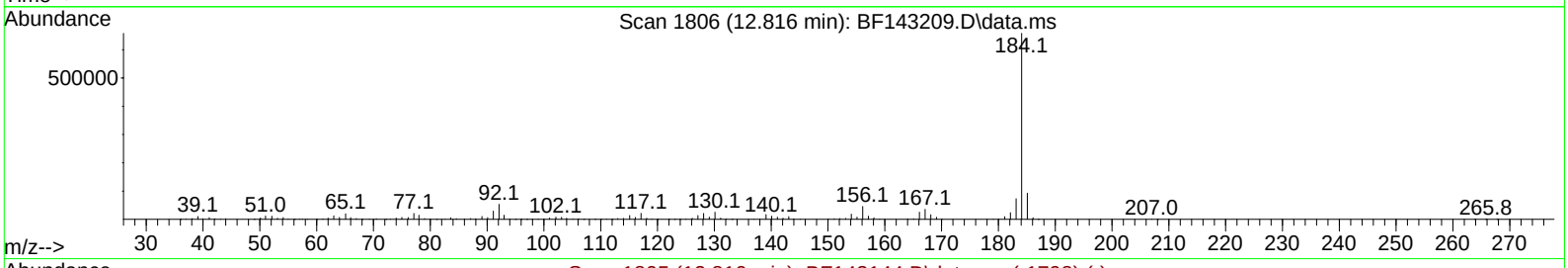
Sample Results: **BF143209.D**

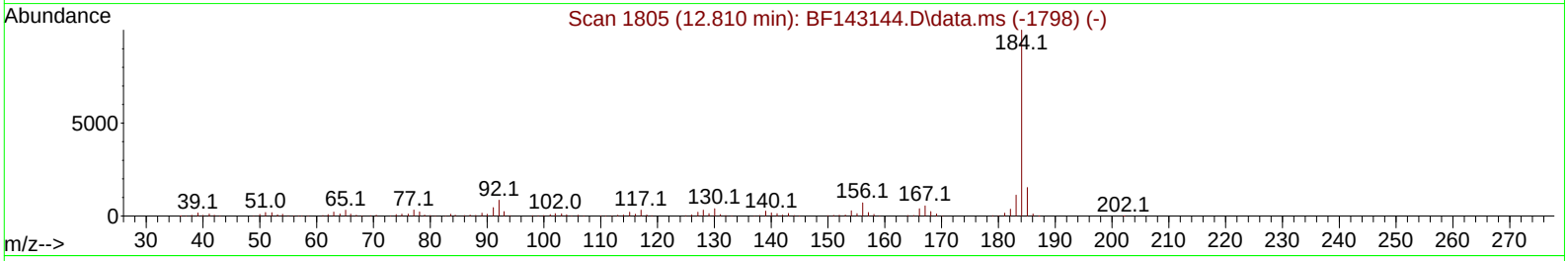
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143209.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 876486

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.03
183.00	11.20	11.13
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/23/2025	BNA_F	BF143209.D
Compound Name	**Response**	**Retention Time**
DDT	391883	13.639
DDD	8780	13.339
DDE	2192	13.004
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
10972	402855	2.72

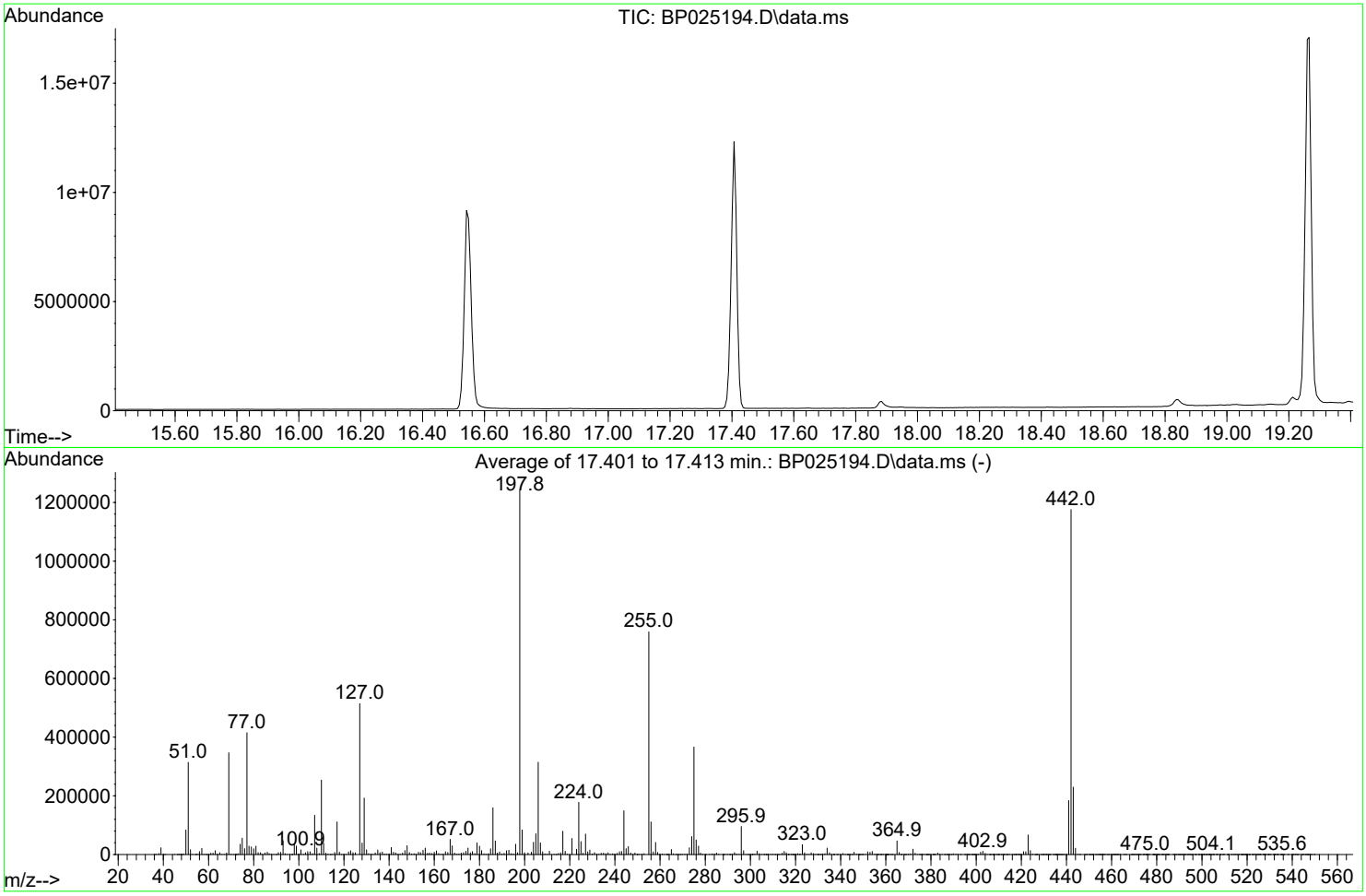
Sample Results: **BP025194.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/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-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



AutoFind: Scans 2459, 2460, 2461; Background Corrected with Scan 2447

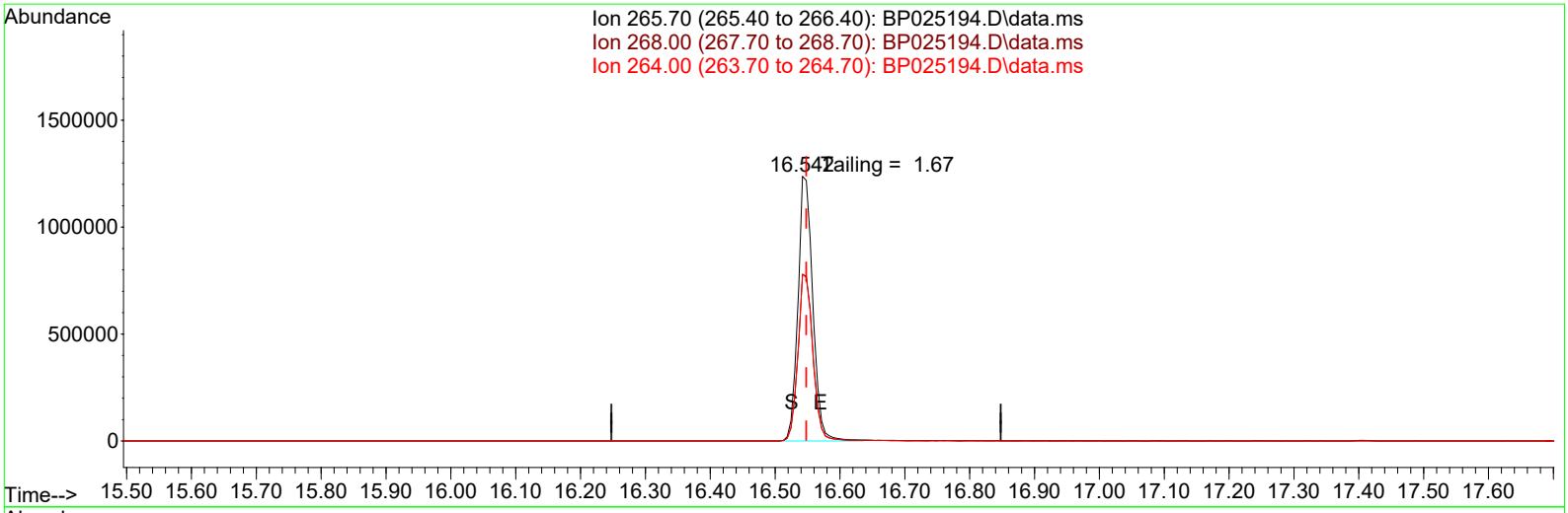
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	5798	PASS
69	69	100	100	100.0	347092	PASS
70	69	0.00	2	0.5	1776	PASS
197	198	0.00	2	0.5	5935	PASS
198	198	100	100	100.0	1240464	PASS
199	198	5	9	6.8	84213	PASS
365	198	1	100	3.7	46101	PASS
441	443	0.01	150	80.1	183987	PASS
442	442	100	100	100.0	1176021	PASS
443	442	15	24	19.5	229824	PASS

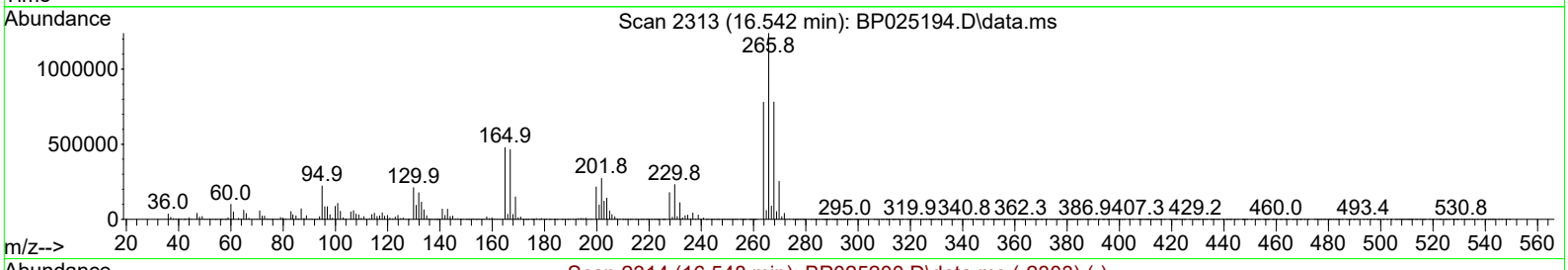
Sample Results: **BP025194.D**

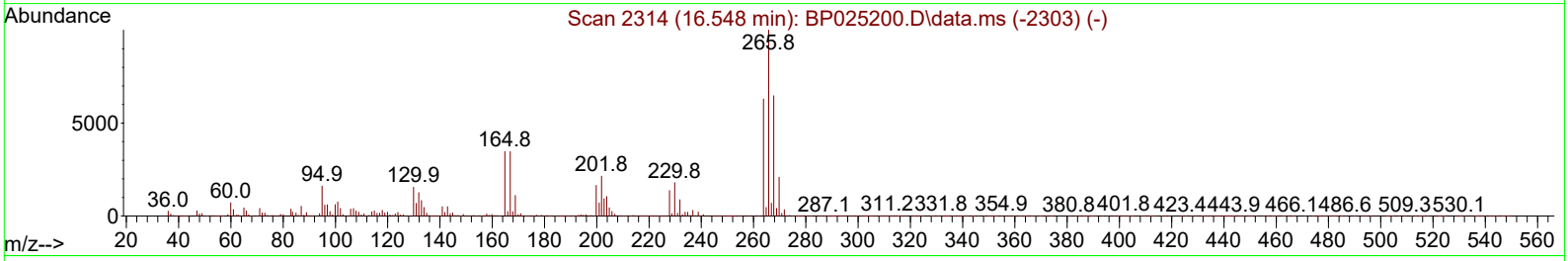
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 22 04:16:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025194.D\data.ms

(70) Pentachlorophenol (C)

16.542min (-0.006) 139254.46 ng

response 1981776

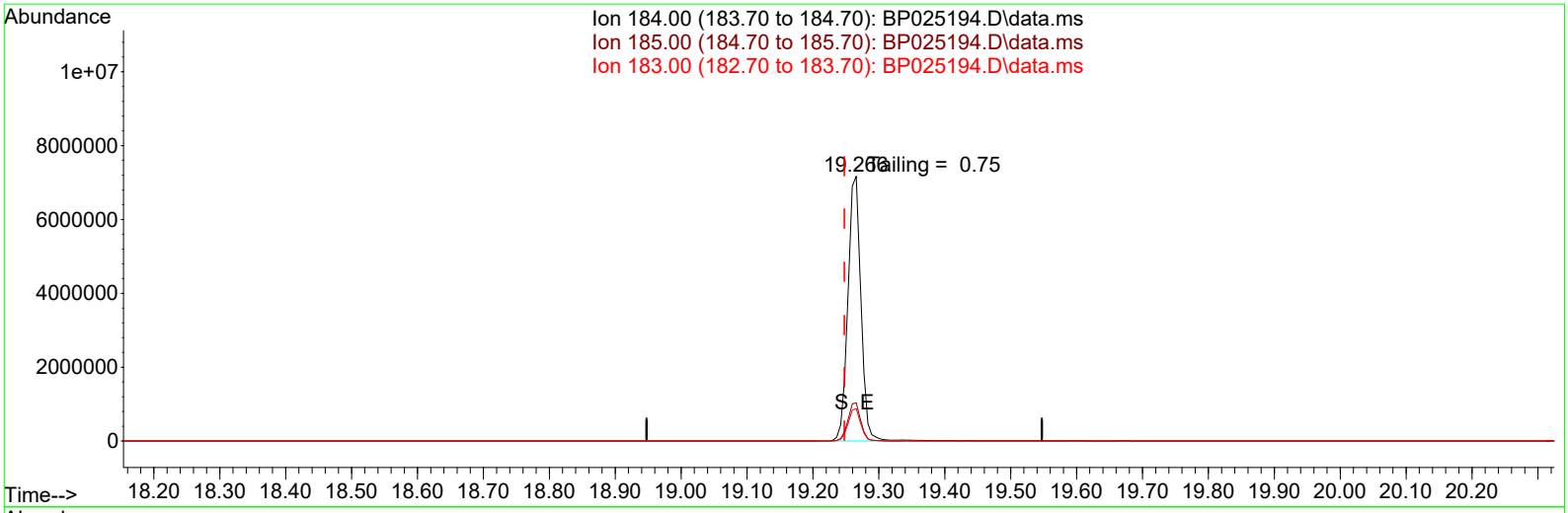
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	63.05
264.00	62.90	62.98
0.00	0.00	0.00

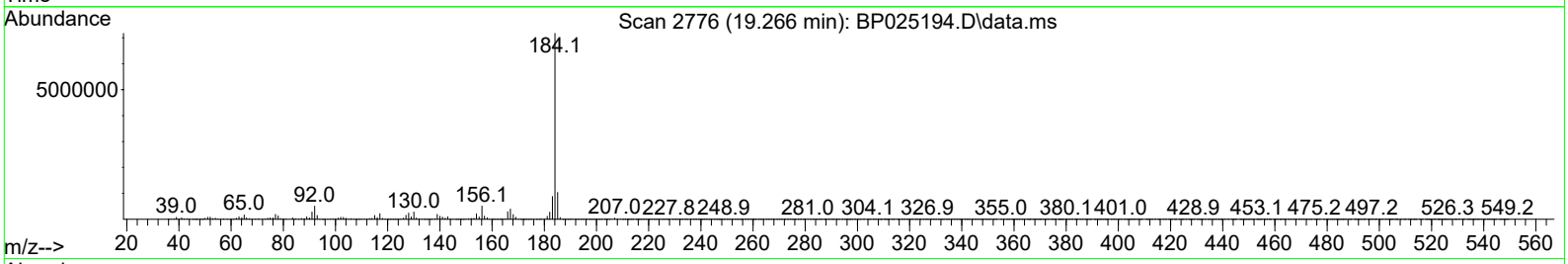
Sample Results: **BP025194.D**

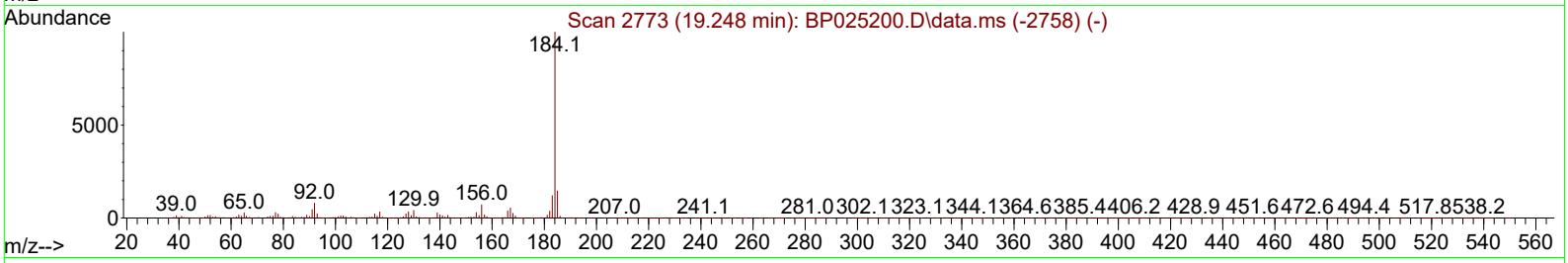
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 22 04:16:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025194.D\data.ms

(77) Benzidine

19.266min (+ 0.018) 25003.16 ng

response 9830583

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.45
183.00	12.00	12.25
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/21/2025	BNA_P	BP025194.D
Compound Name	**Response**	**Retention Time**
DDT	4575135	20.571
DDD	116048	20.101
DDE	9251	19.577
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
125299	4700434	2.67

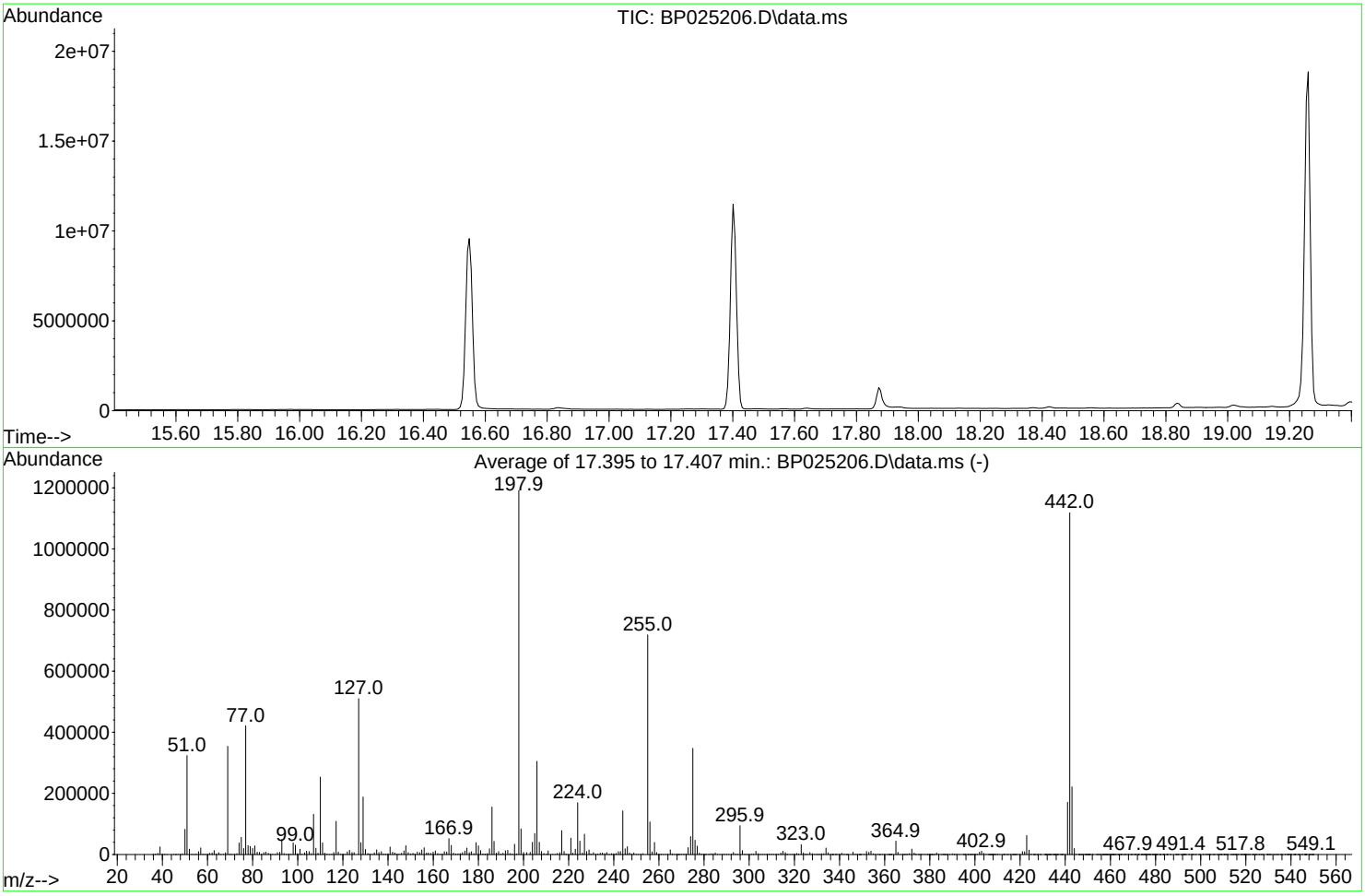
Sample Results: **BP025206.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025206.D
Acq On : 22 Jul 2025 09:04
Operator : CG/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-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



AutoFind: Scans 2458, 2459, 2460; Background Corrected with Scan 2451

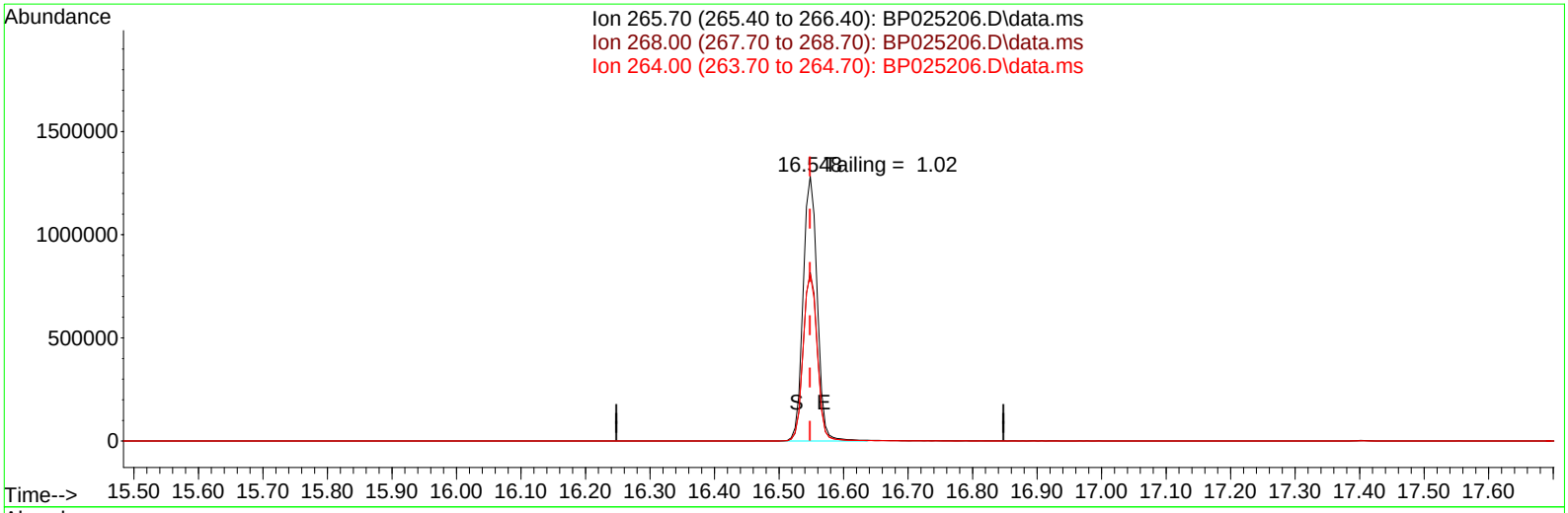
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	5773	PASS
69	69	100	100	100.0	354212	PASS
70	69	0.00	2	0.5	1756	PASS
197	198	0.00	2	0.2	2051	PASS
198	198	100	100	100.0	1191197	PASS
199	198	5	9	7.0	83600	PASS
365	198	1	100	3.7	43541	PASS
441	443	0.01	150	77.1	170565	PASS
442	442	100	100	100.0	1118240	PASS
443	442	15	24	19.8	221205	PASS

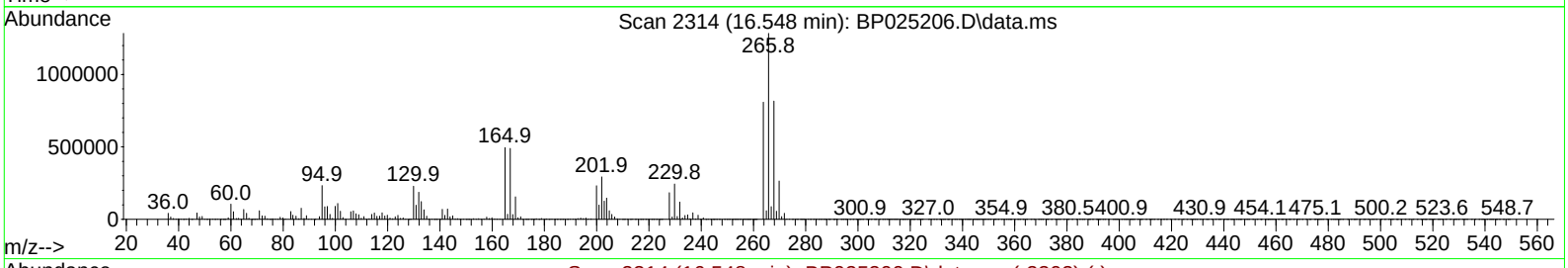
Sample Results: **BP025206.D**

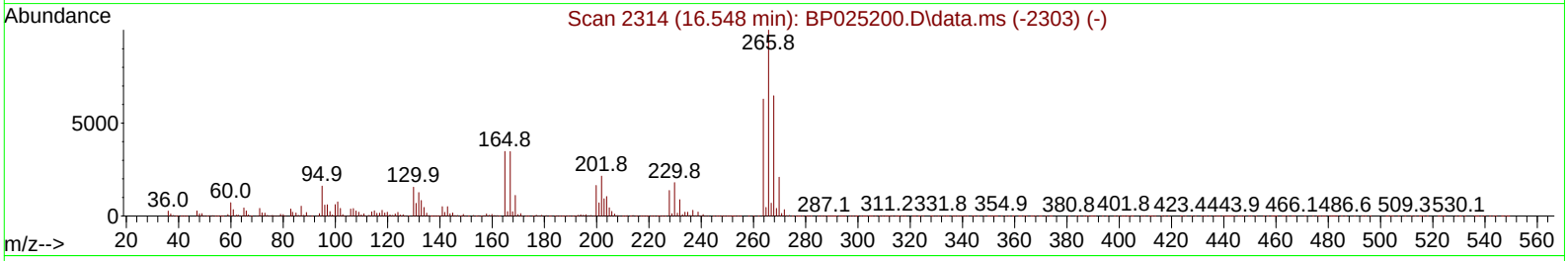
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025206.D
Acq On : 22 Jul 2025 09:04
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 22 11:04:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025206.D\data.ms

(70) Pentachlorophenol (C)

16.548min (+ 0.000) 665481.51 ng

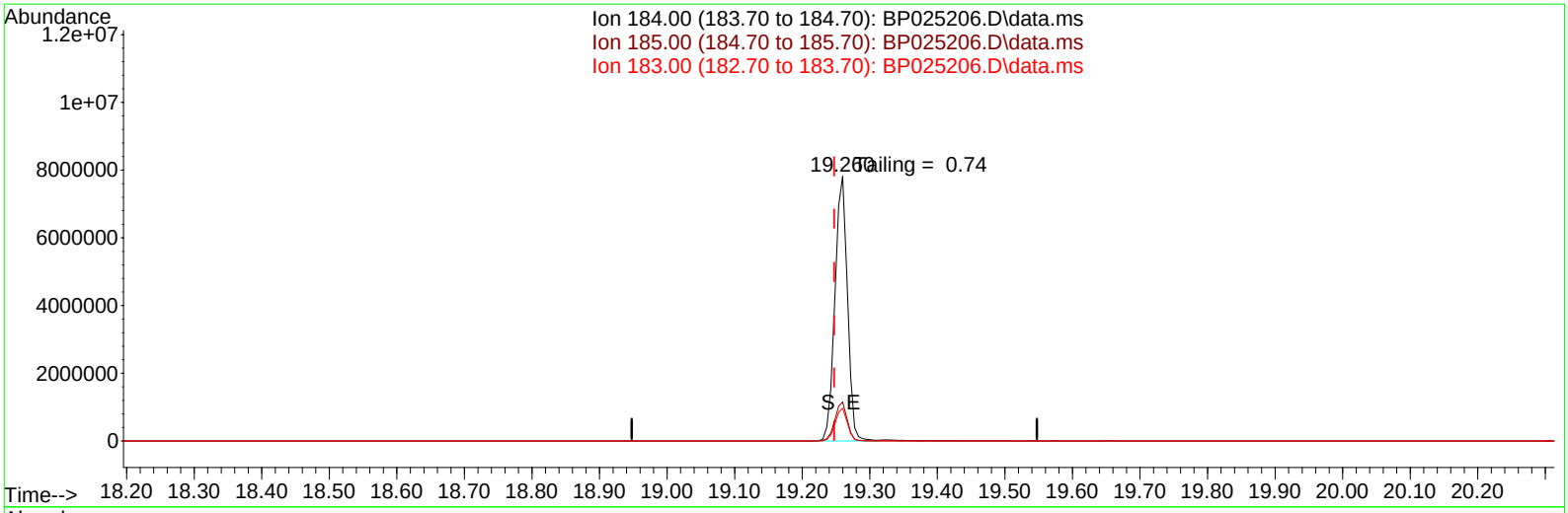
response 1963129

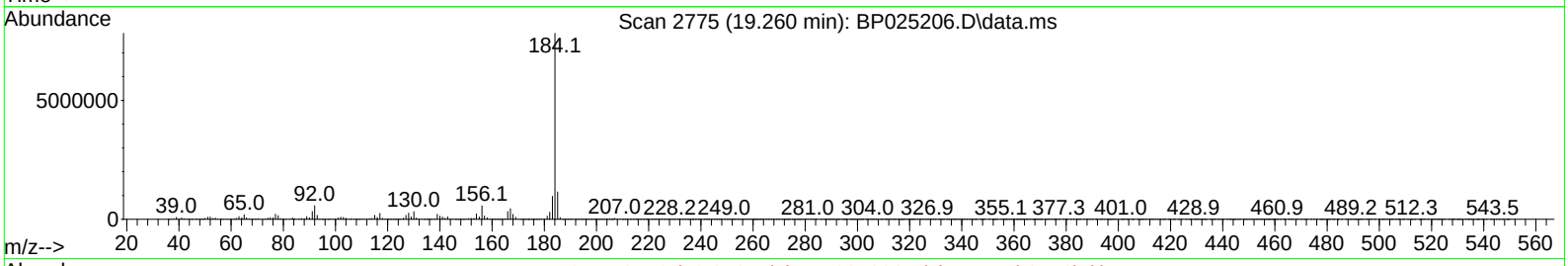
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	63.58
264.00	62.90	63.00
0.00	0.00	0.00

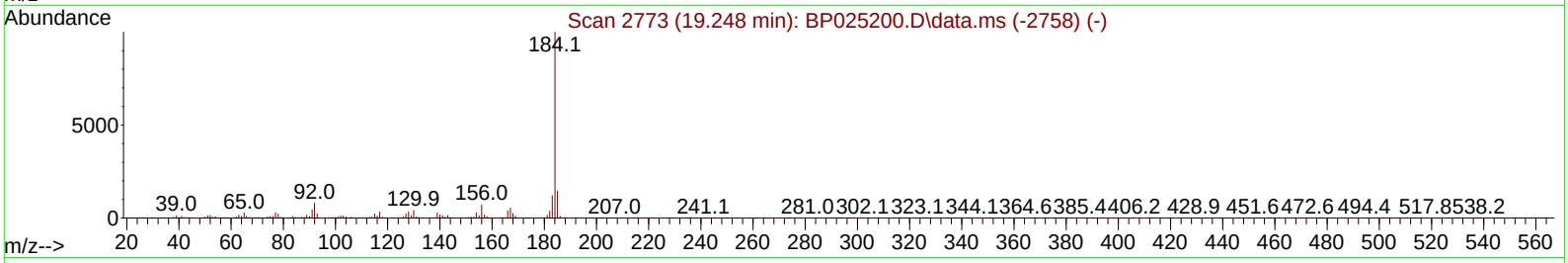
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025206.D
Acq On : 22 Jul 2025 09:04
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 22 11:04:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025206.D\data.ms

(77) Benzidine

19.260min (+ 0.012) 1969.03 ng

response 10060052

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.73
183.00	12.00	12.36
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/22/2025	BNA_P	BP025206.D
Compound Name	**Response**	**Retention Time**
DDT	4798982	20.572
DDD	87623	20.107
DDE	7575	19.578
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
95198	4894180	1.95

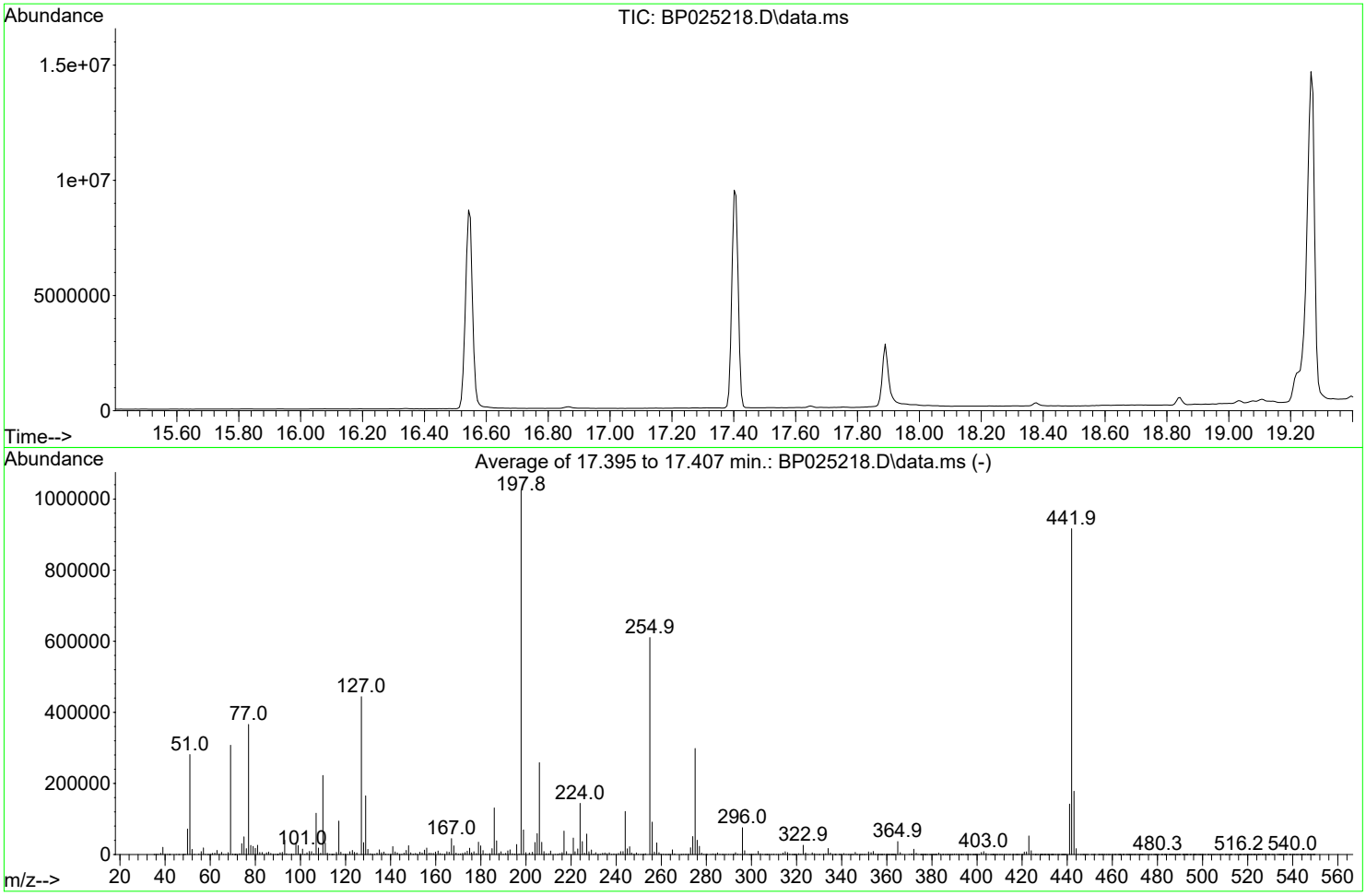
Sample Results: **BP025218.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/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-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



AutoFind: Scans 2458, 2459, 2460; Background Corrected with Scan 2448

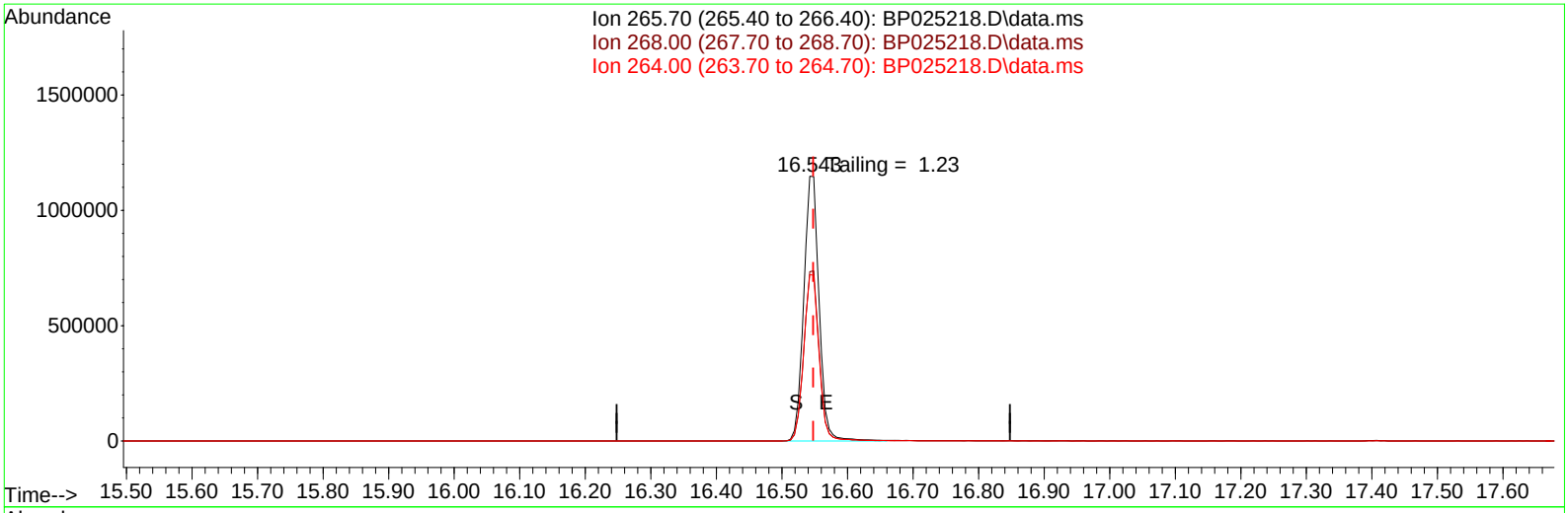
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	5333	PASS
69	69	100	100	100.0	307298	PASS
70	69	0.00	2	0.5	1489	PASS
197	198	0.00	2	0.2	1879	PASS
198	198	100	100	100.0	1023695	PASS
199	198	5	9	6.8	69278	PASS
365	198	1	100	3.6	36590	PASS
441	443	0.01	150	79.6	141723	PASS
442	442	100	100	100.0	916262	PASS
443	442	15	24	19.4	178125	PASS

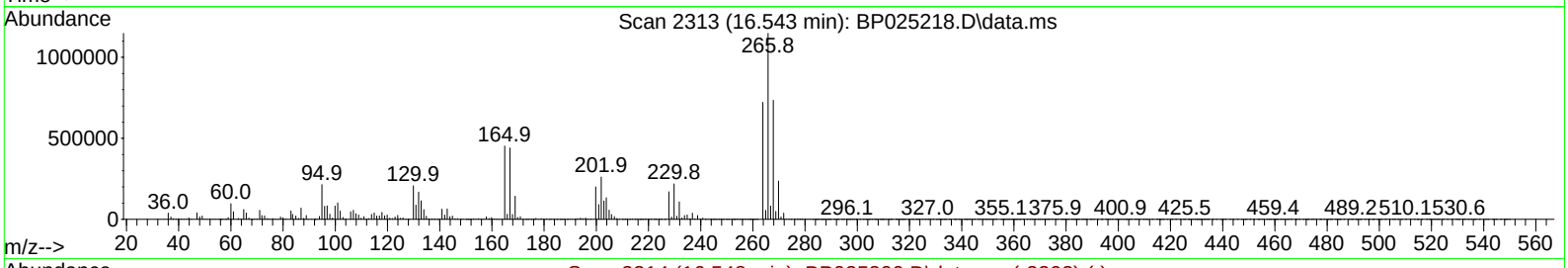
Sample Results: **BP025218.D**

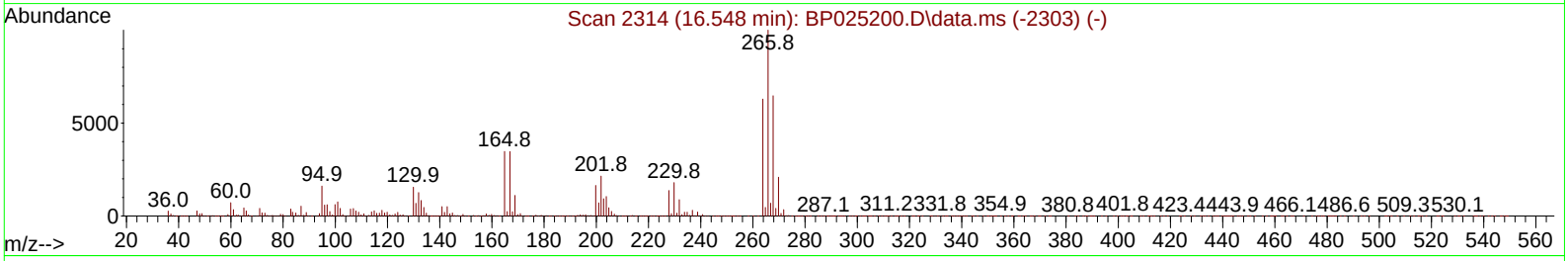
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 23 12:04:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025218.D\data.ms

(70) Pentachlorophenol (C)

16.543min (-0.005) 1096666.83 ng

response 1870776

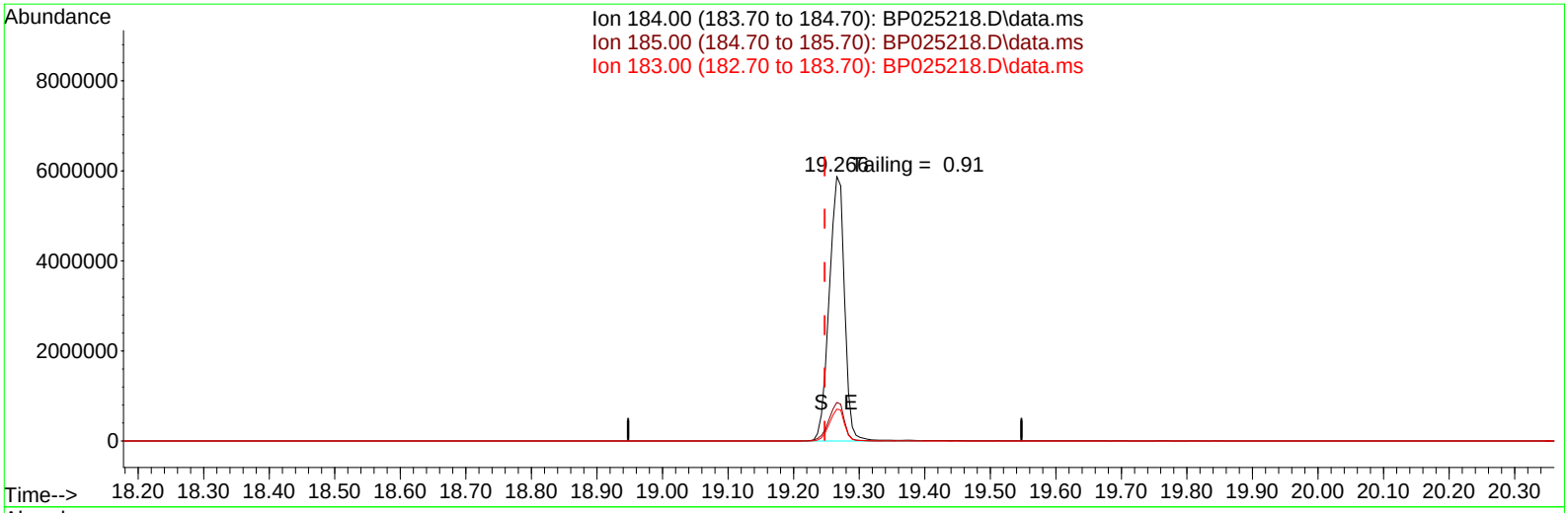
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	63.99
264.00	62.90	62.86
0.00	0.00	0.00

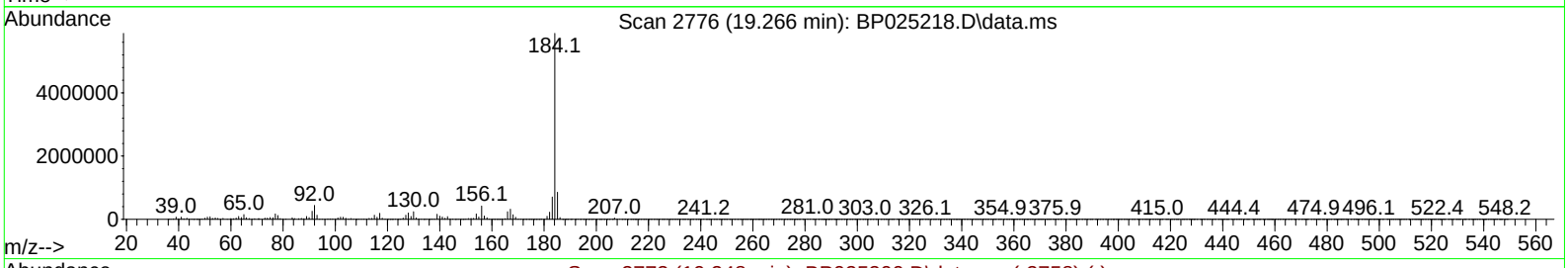
Sample Results: **BP025218.D**

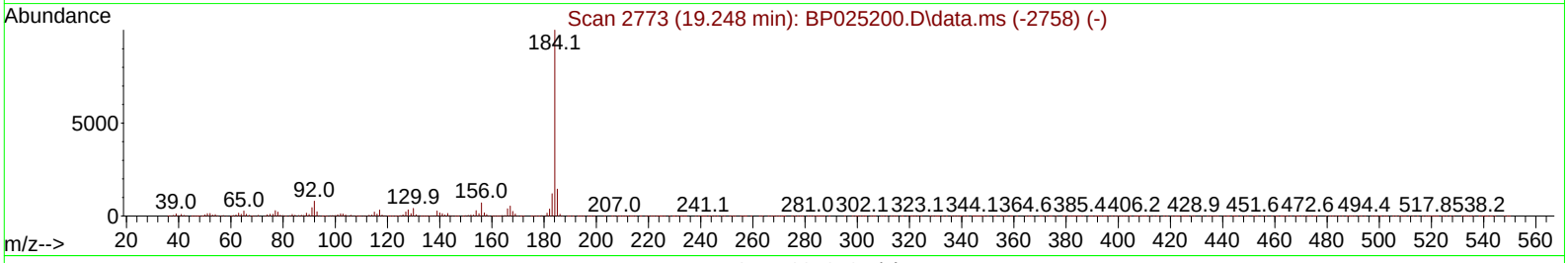
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 23 12:04:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025218.D\data.ms

(77) Benzidine

19.266min (+ 0.018) 624111.67 ng

response 9553310

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.58
183.00	12.00	12.04
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/23/2025	BNA_P	BP025218.D
Compound Name	**Response**	**Retention Time**
DDT	4585613	20.578
DDD	91482	20.16
DDE	4697	19.578
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
96179	4681792	2.05

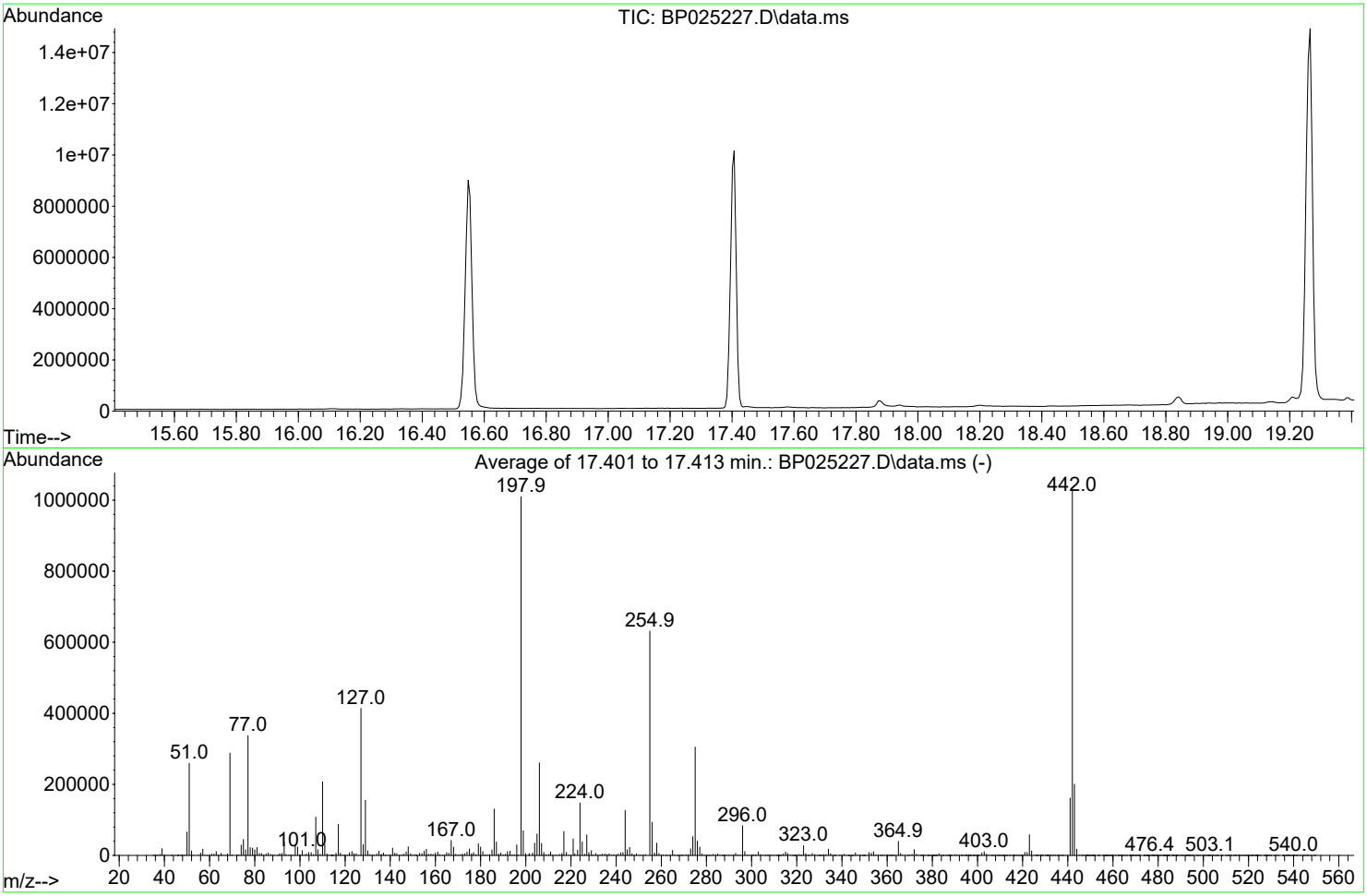
Sample Results: **BP025227.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025227.D
Acq On : 23 Jul 2025 16:54
Operator : CG/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-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



AutoFind: Scans 2459, 2460, 2461; Background Corrected with Scan 2450

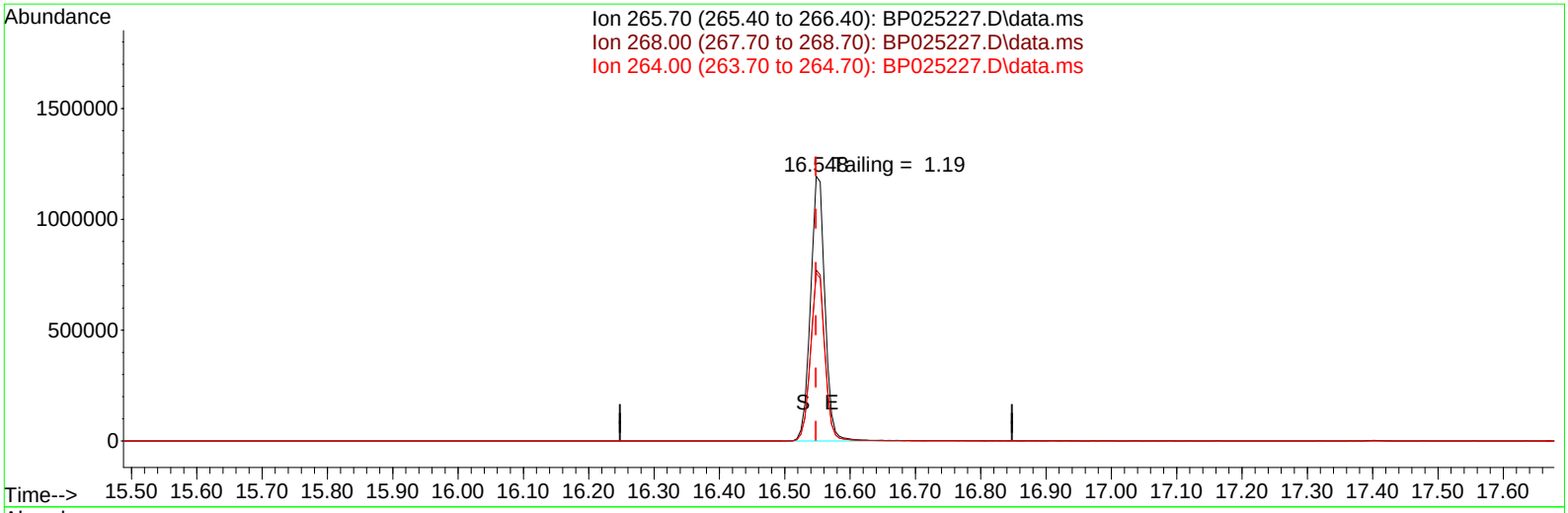
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	4506	PASS
69	69	100	100	100.0	288431	PASS
70	69	0.00	2	0.5	1388	PASS
197	198	0.00	2	0.1	1198	PASS
198	198	100	100	100.0	1009879	PASS
199	198	5	9	6.9	69387	PASS
365	198	1	100	3.9	39603	PASS
441	443	0.01	150	80.8	161870	PASS
442	442	100	100	100.0	1025700	PASS
443	442	15	24	19.5	200403	PASS

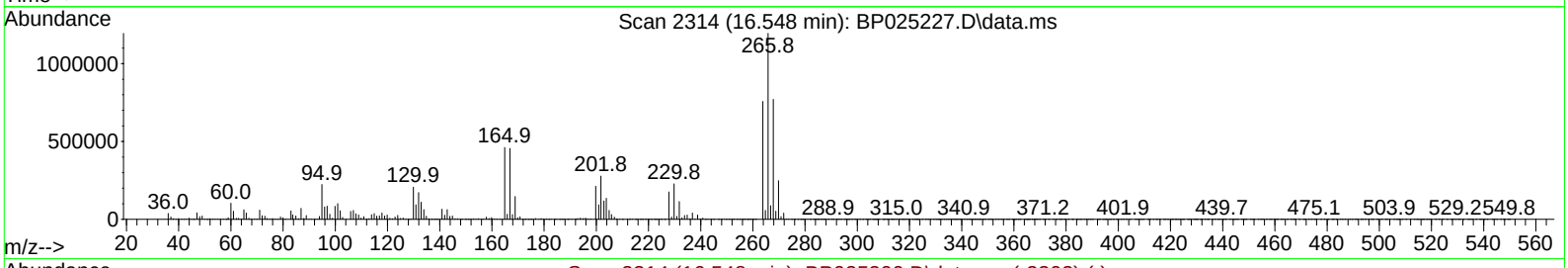
Sample Results: **BP025227.D**

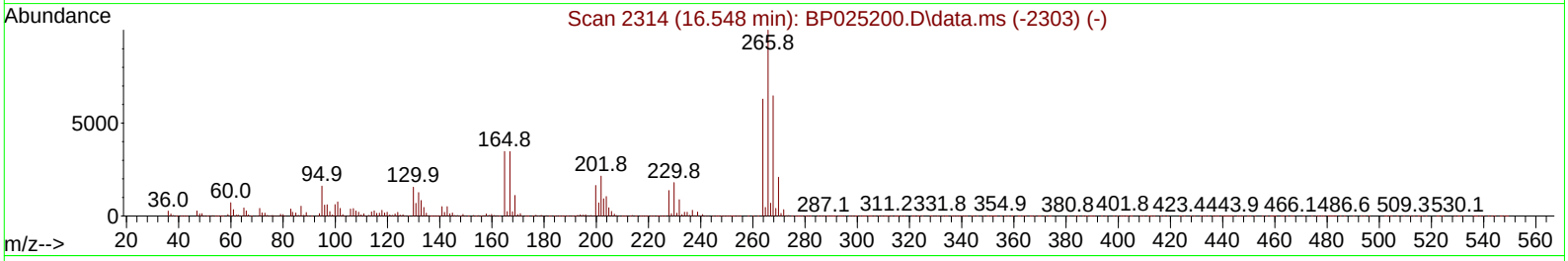
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025227.D
Acq On : 23 Jul 2025 16:54
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 23 17:14:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025227.D\data.ms

(70) Pentachlorophenol (C)

16.548min (+ 0.000) 694149.25 ng m

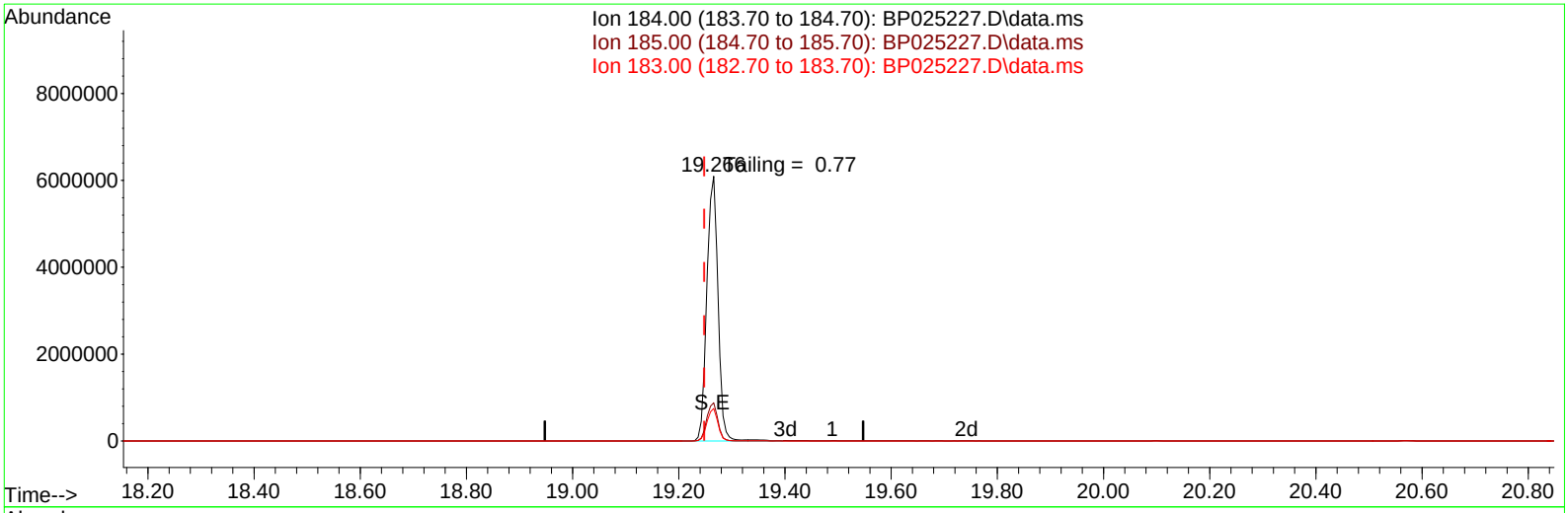
response 1844890

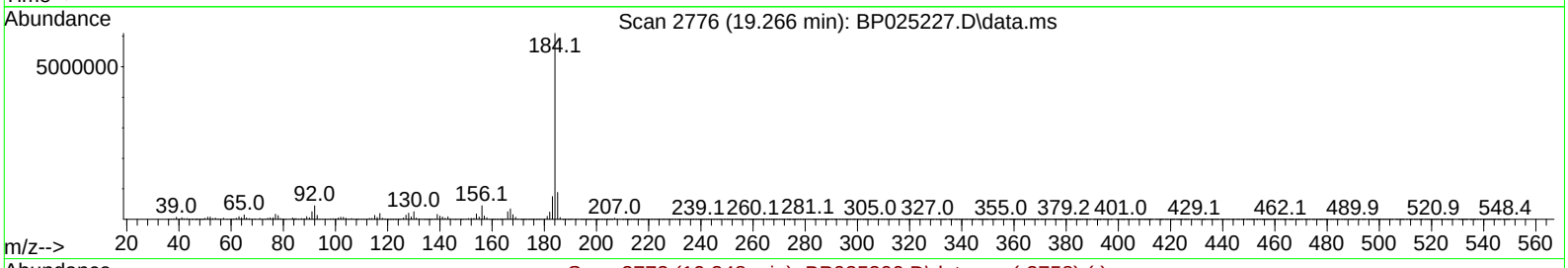
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	64.51
264.00	62.90	63.41
0.00	0.00	0.00

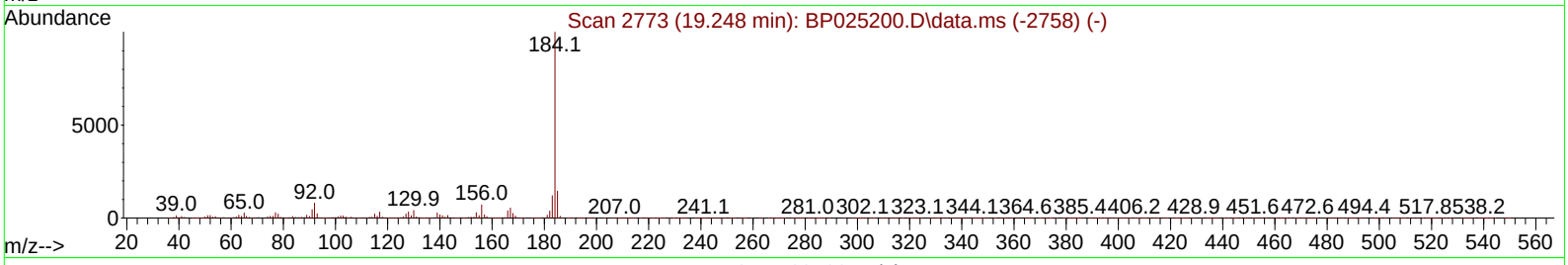
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025227.D
Acq On : 23 Jul 2025 16:54
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 23 17:14:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration







TIC: BP025227.D\data.ms

(77) Benzidine

19.266min (+ 0.018) 273382.31 ng m

response 9089196

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.46
183.00	12.00	12.30
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/23/2025	BNA_P	BP025227.D
Compound Name	**Response**	**Retention Time**
DDT	2433989	20.572
DDD	1509314	20.101
DDE	4496	19.577
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
1513810	3947799	38.35

Raw Data: **BF143178.D**

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

Report of Analysis

Client:	Nobis Group			Date Collected:	
Project:	Raymark Superfund Site			Date Received:	
Client Sample ID:	PB168929BL			SDG No.:	Q2639
Lab Sample ID:	PB168929BL			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
BF143178.D	1	07/21/25 09:30	07/22/25 09:15	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.13	U	0.023	0.13	0.17	mg/Kg
91-57-6	2-Methylnaphthalene	0.13	U	0.026	0.13	0.17	mg/Kg
208-96-8	Acenaphthylene	0.13	U	0.029	0.13	0.17	mg/Kg
83-32-9	Acenaphthene	0.13	U	0.021	0.13	0.17	mg/Kg
86-73-7	Fluorene	0.13	U	0.025	0.13	0.17	mg/Kg
85-01-8	Phenanthrene	0.13	U	0.021	0.13	0.17	mg/Kg
120-12-7	Anthracene	0.13	U	0.033	0.13	0.17	mg/Kg
206-44-0	Fluoranthene	0.13	U	0.030	0.13	0.17	mg/Kg
129-00-0	Pyrene	0.13	U	0.036	0.13	0.17	mg/Kg
56-55-3	Benzo(a)anthracene	0.13	U	0.023	0.13	0.17	mg/Kg
218-01-9	Chrysene	0.13	U	0.020	0.13	0.17	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	U	0.019	0.13	0.17	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	U	0.022	0.13	0.17	mg/Kg
50-32-8	Benzo(a)pyrene	0.13	U	0.030	0.13	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	U	0.029	0.13	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.13	U	0.027	0.13	0.17	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	U	0.026	0.13	0.17	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	78.2		37 - 122		78%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.5		44 - 115		73%	SPK: 100
1718-51-0	Terphenyl-d14	80.0		54 - 127		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145000	6.963				
1146-65-2	Naphthalene-d8	553000	8.24				
15067-26-2	Acenaphthene-d10	297000	9.998				
1517-22-2	Phenanthrene-d10	538000	11.486				
1719-03-5	Chrysene-d12	319000	14.121				
1520-96-3	Perylene-d12	277000	15.627				

Raw Data: **BF143178.D**

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

Report of Analysis

Client:	Nobis Group			Date Collected:	
Project:	Raymark Superfund Site			Date Received:	
Client Sample ID:	PB168929BL			SDG No.:	Q2639
Lab Sample ID:	PB168929BL			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
BF143178.D	1	07/21/25 09:30	07/22/25 09:15	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Quant Time: Jul 22 11:12:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

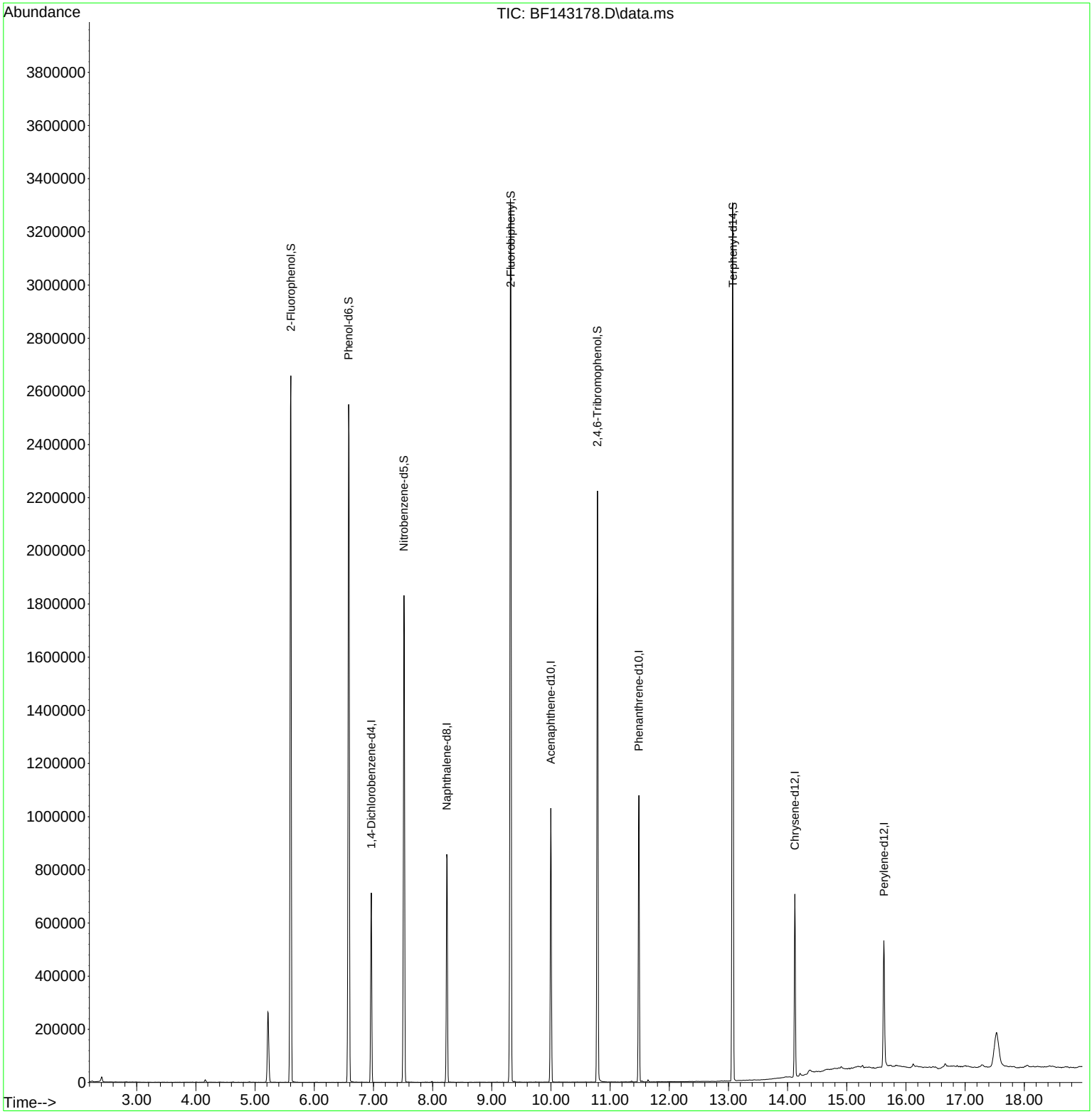
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	144783	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	553185	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	297105	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	537789	20.000	ng	0.00
76) Chrysene-d12	14.121	240	319412	20.000	ng	0.00
86) Perylene-d12	15.627	264	277367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1037560	113.404	ng	0.02
7) Phenol-d6	6.581	99	1297756	112.692	ng	0.00
23) Nitrobenzene-d5	7.516	82	867504	78.170	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	402512	131.143	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1596254	73.478	ng	0.00
79) Terphenyl-d14	13.075	244	1717493	80.016	ng	0.00
Target Compounds						Qvalue

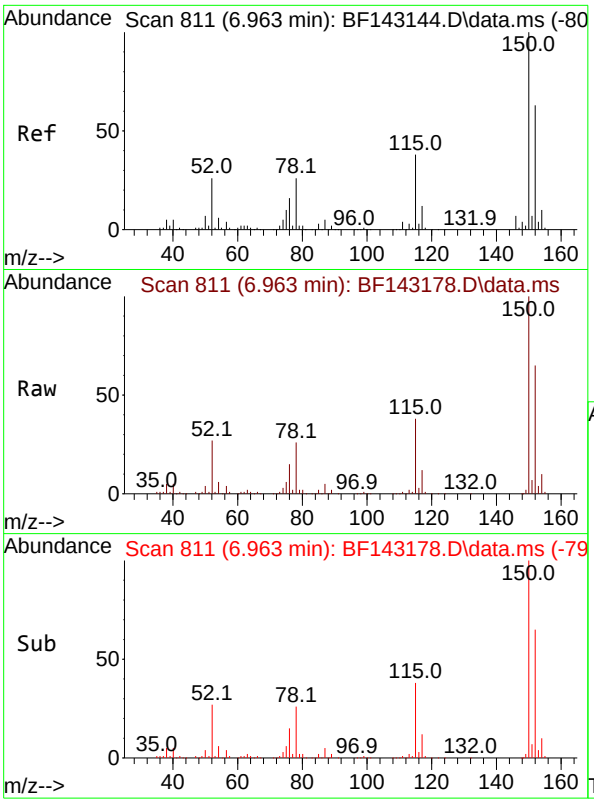
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Quant Time: Jul 22 11:12:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



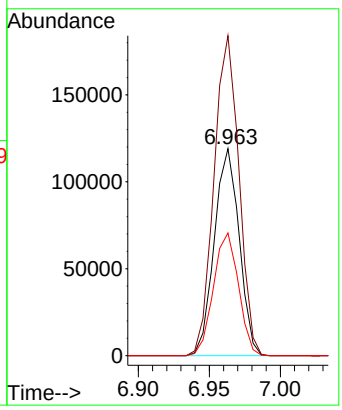


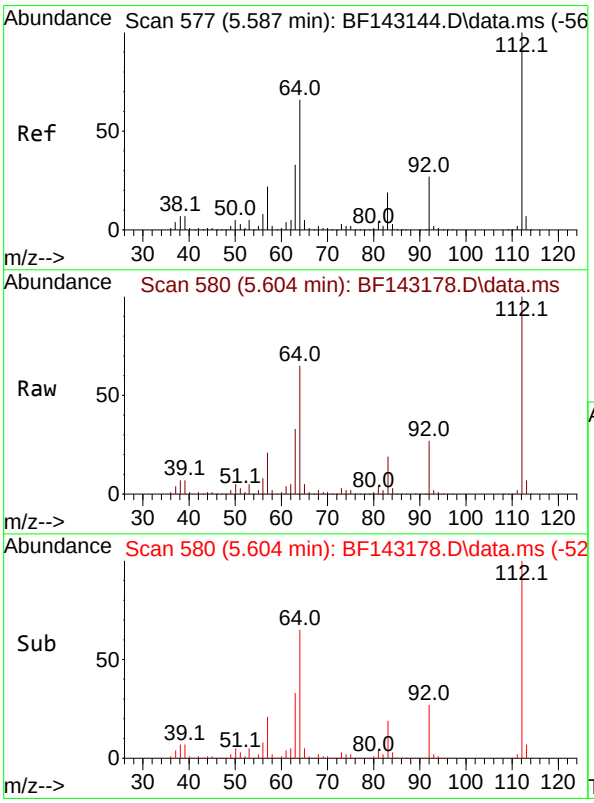
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Tgt Ion:152 Resp: 144783

Ion	Ratio	Lower	Upper
152	100		
150	154.6	128.2	192.4
115	59.3	47.9	71.9

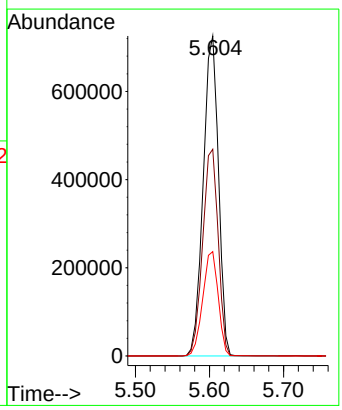


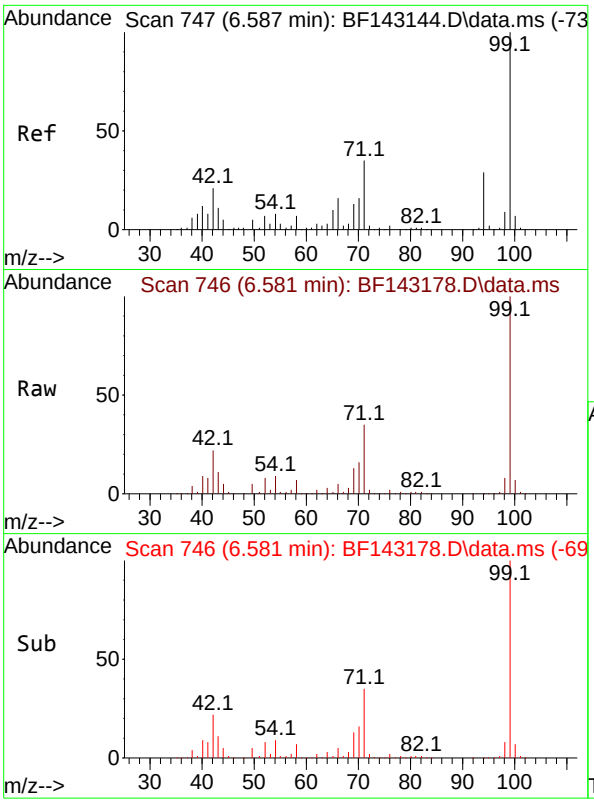


#5
2-Fluorophenol
Concen: 113.404 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:112 Resp: 1037560

Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.1	79.7
63	32.6	26.6	40.0



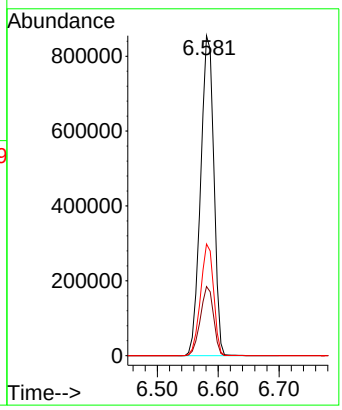


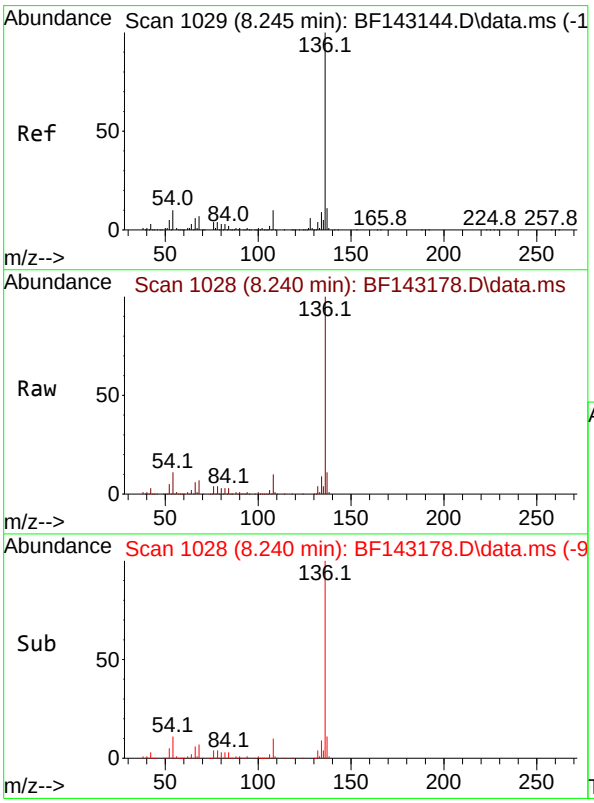
#7
Phenol-d6
Concen: 112.692 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Tgt Ion: 99 Resp: 1297756

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	34.9	27.7	41.5

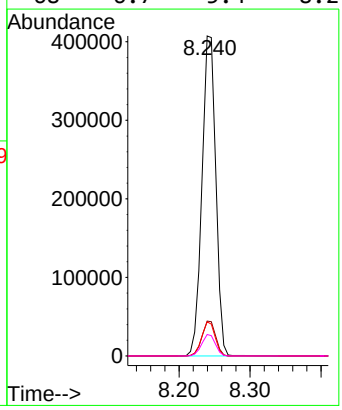


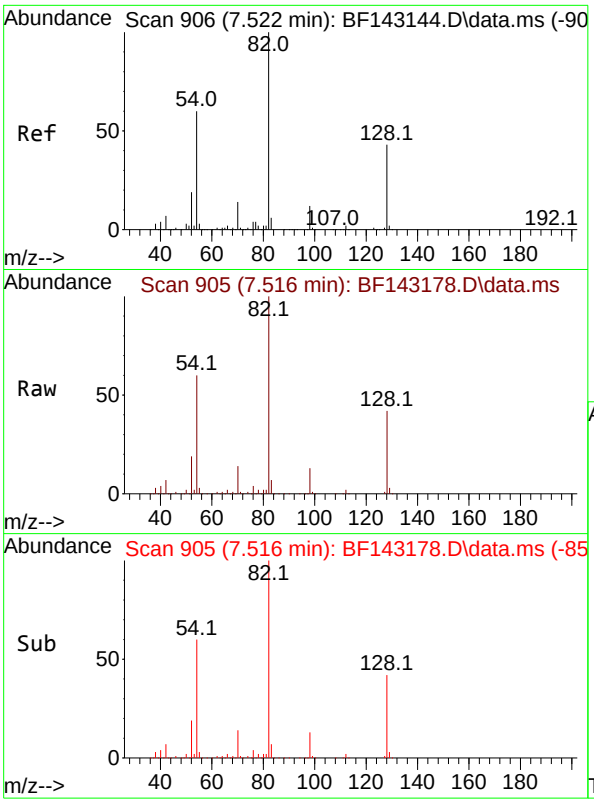


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:136 Resp: 553185

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.7	8.2	12.2
68	6.7	5.4	8.2



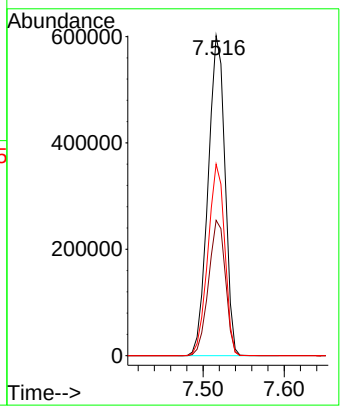


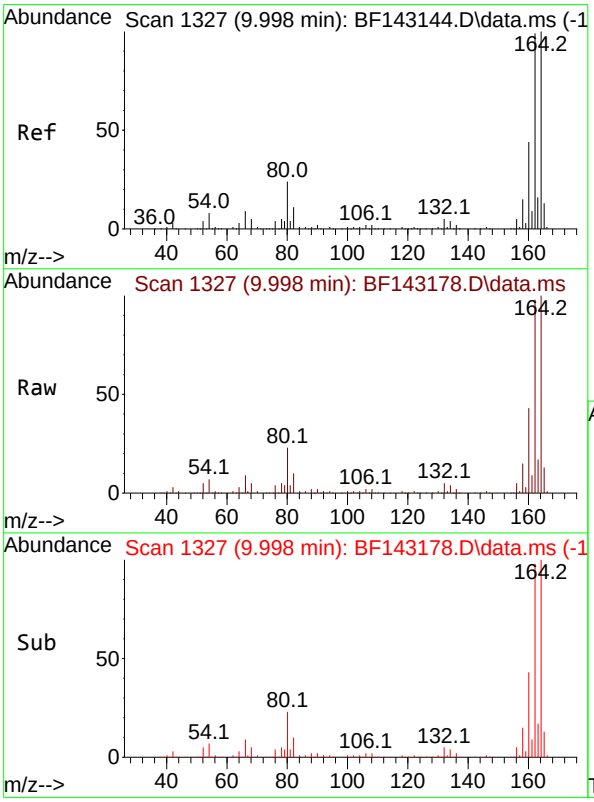
#23
Nitrobenzene-d5
Concen: 78.170 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Tgt Ion: 82 Resp: 867504

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.6	50.4
54	59.8	47.1	70.7

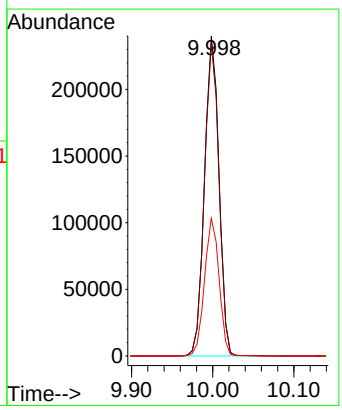


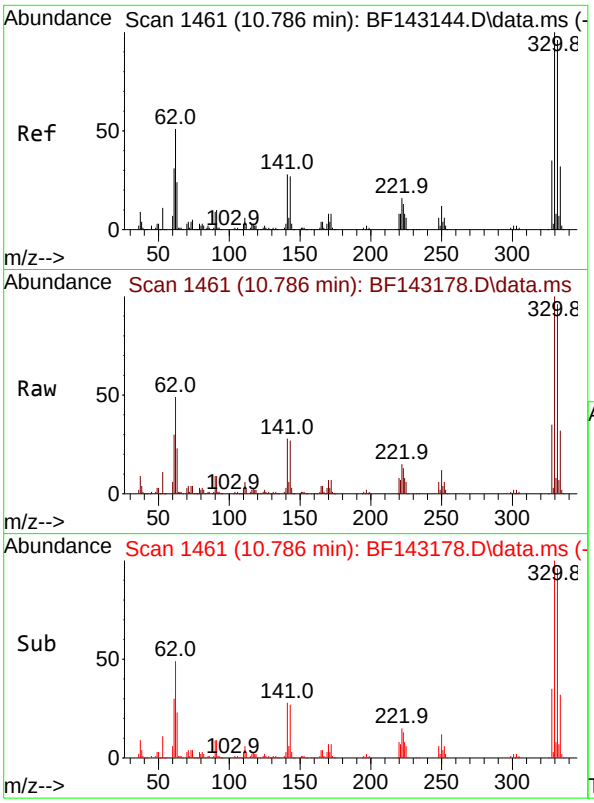


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:164 Resp: 297105

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.6
160	43.0	35.1	52.7



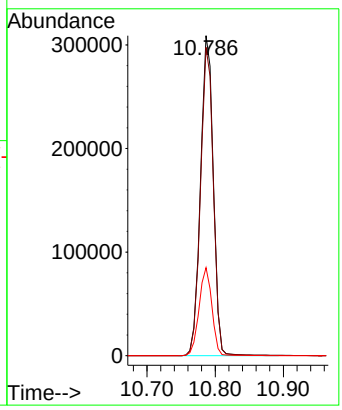


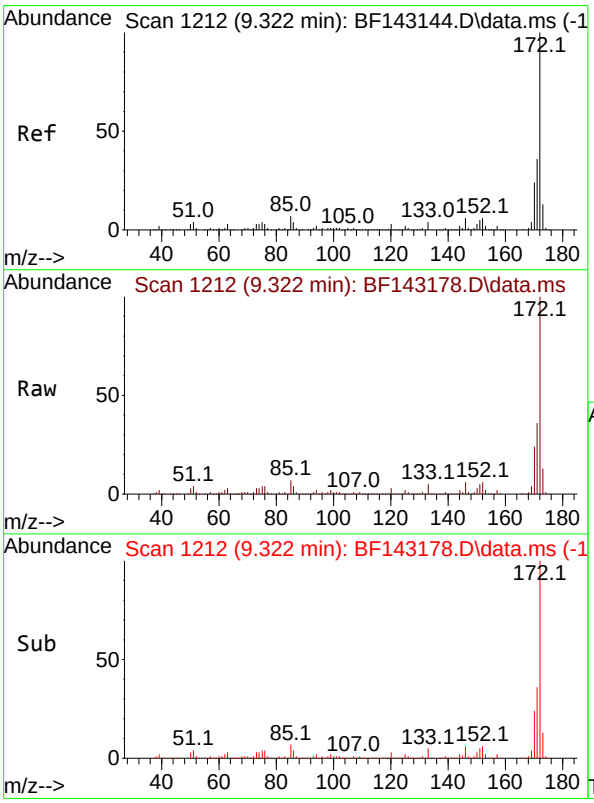
#42
2,4,6-Tribromophenol
Concen: 131.143 ng
RT: 10.786 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Tgt Ion:330 Resp: 402512

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	27.6	23.3	34.9

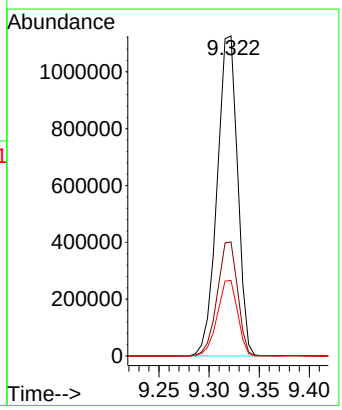


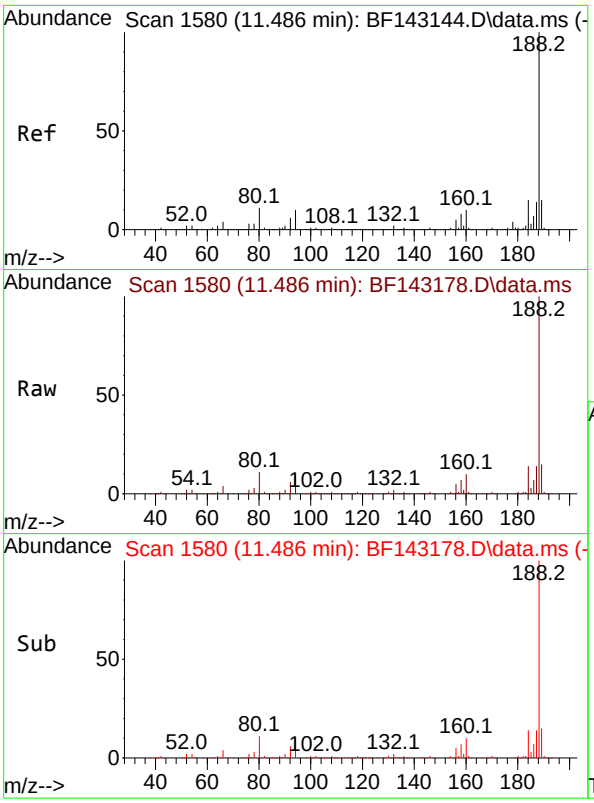


#45
2-Fluorobiphenyl
Concen: 73.478 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:172 Resp: 1596254

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.6	18.8	28.2



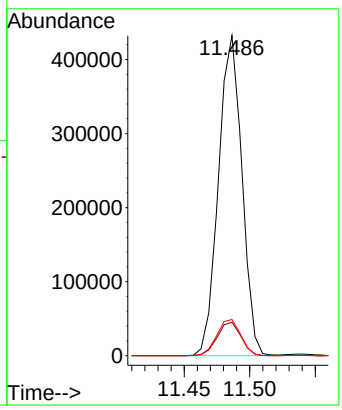


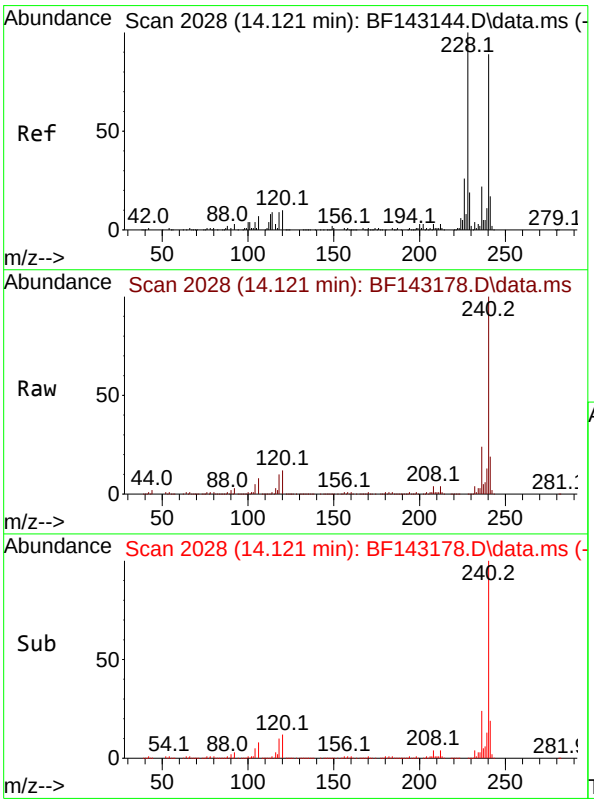
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Tgt Ion:188 Resp: 537789

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.3	9.0	13.6

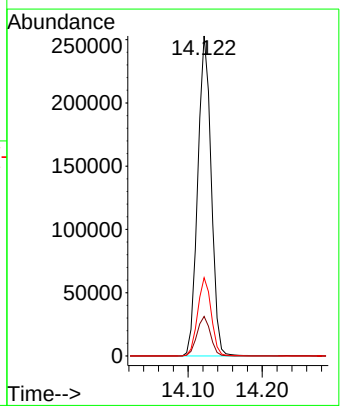


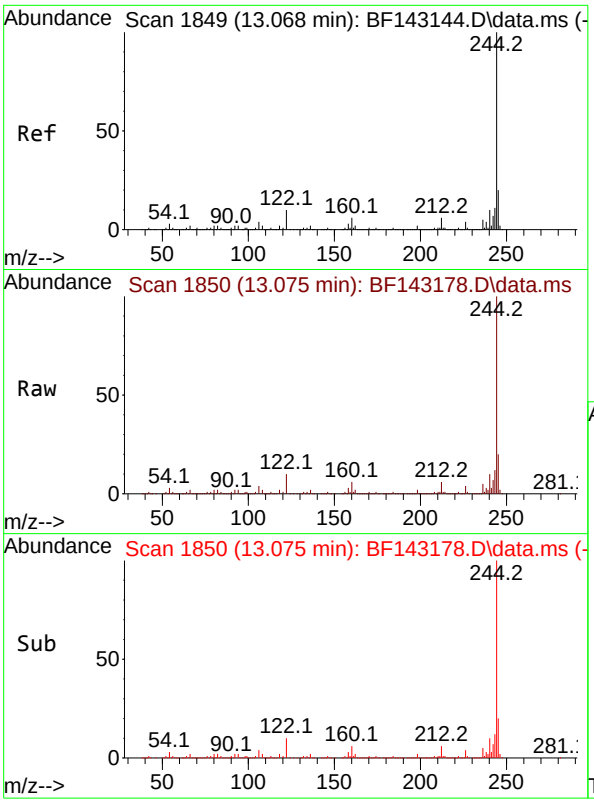


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:240 Resp: 319412

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.4	14.2
236	24.5	20.2	30.4



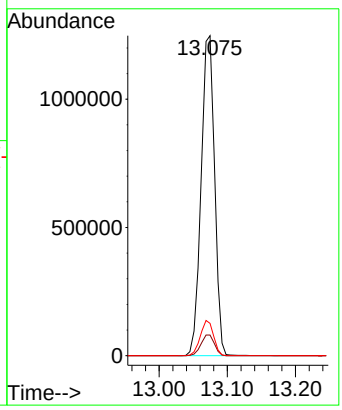


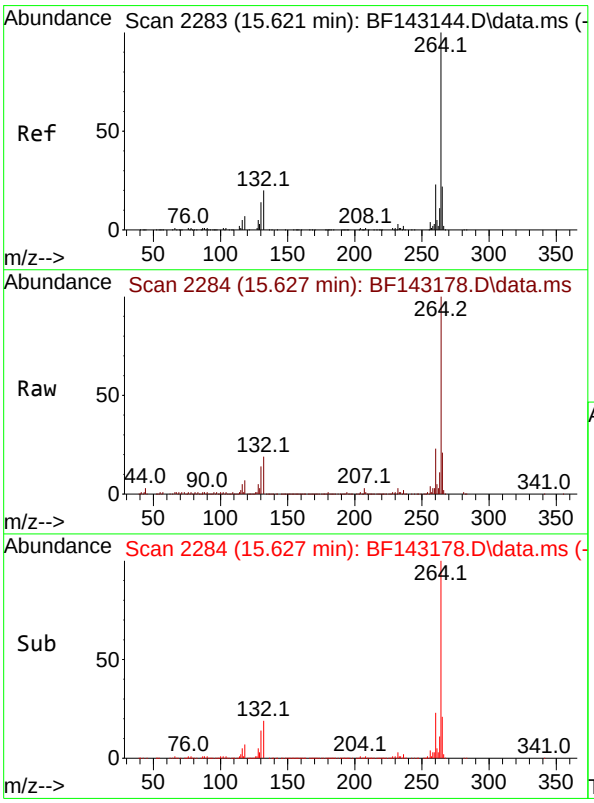
#79
Terphenyl-d14
Concen: 80.016 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Tgt Ion:244 Resp: 1717493

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.1	8.2	12.2

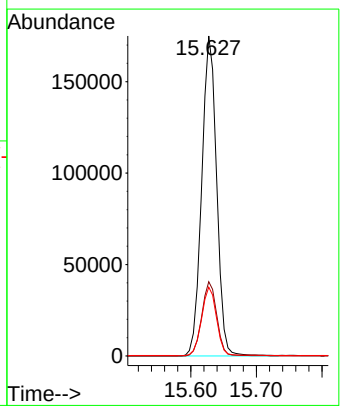




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:264 Resp: 277367

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.5	17.4	26.2



Sample Results: **BF143178.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.216	507	514	526	rBV	264026	445994	9.53%	1.493%
2	5.604	573	580	585	rBV	2657887	3835507	82.00%	12.836%
3	6.581	739	746	752	rBV	2550099	3862431	82.57%	12.926%
4	6.963	805	811	816	rBV	712481	872004	18.64%	2.918%
5	7.516	898	905	911	rBV	1831742	2646160	56.57%	8.856%
6	8.240	1022	1028	1034	rBV	857445	1151835	24.62%	3.855%
7	9.316	1204	1211	1217	rBV	3322918	4677534	100.00%	15.654%
8	9.998	1321	1327	1332	rBV	1030254	1270956	27.17%	4.253%
9	10.786	1455	1461	1466	rBV	2223765	2898347	61.96%	9.700%
10	11.486	1574	1580	1585	rBV	1078380	1345689	28.77%	4.503%
11	13.069	1843	1849	1855	rBV	3304967	4583932	98.00%	15.341%
12	14.122	2023	2028	2036	rBV	687637	871593	18.63%	2.917%
13	15.627	2278	2284	2297	rBV	474095	771062	16.48%	2.580%
14	17.533	2598	2608	2632	rVB	126407	647987	13.85%	2.169%

Sum of corrected areas: 29881031

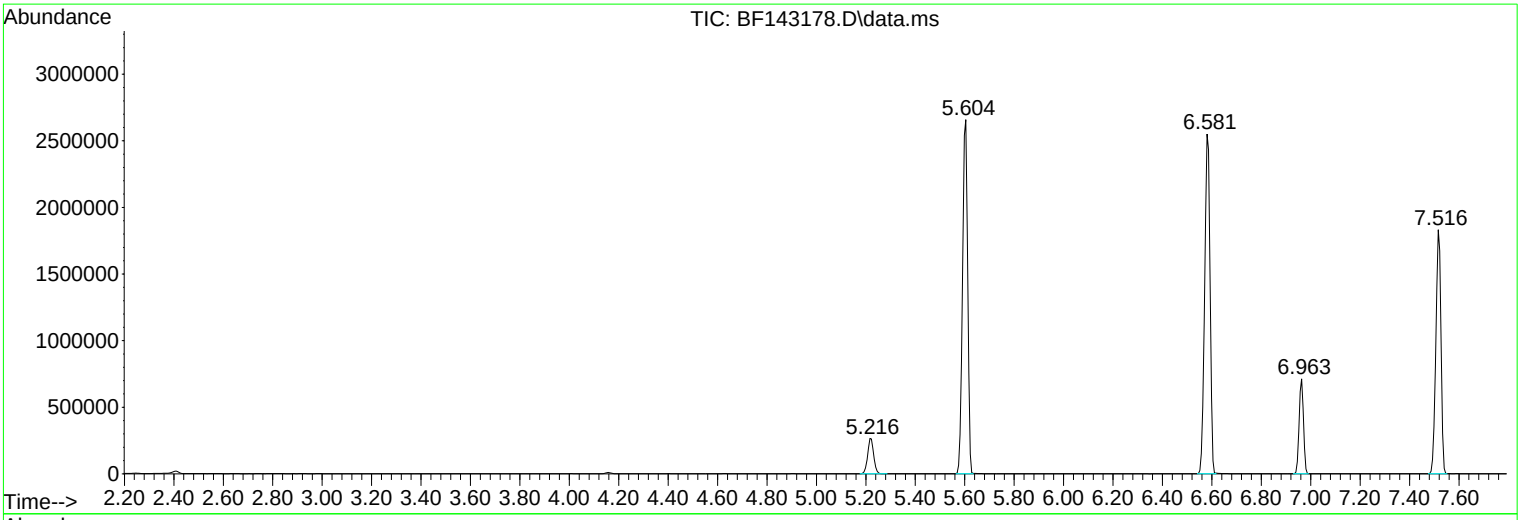
Sample Results: **BF143178.D**

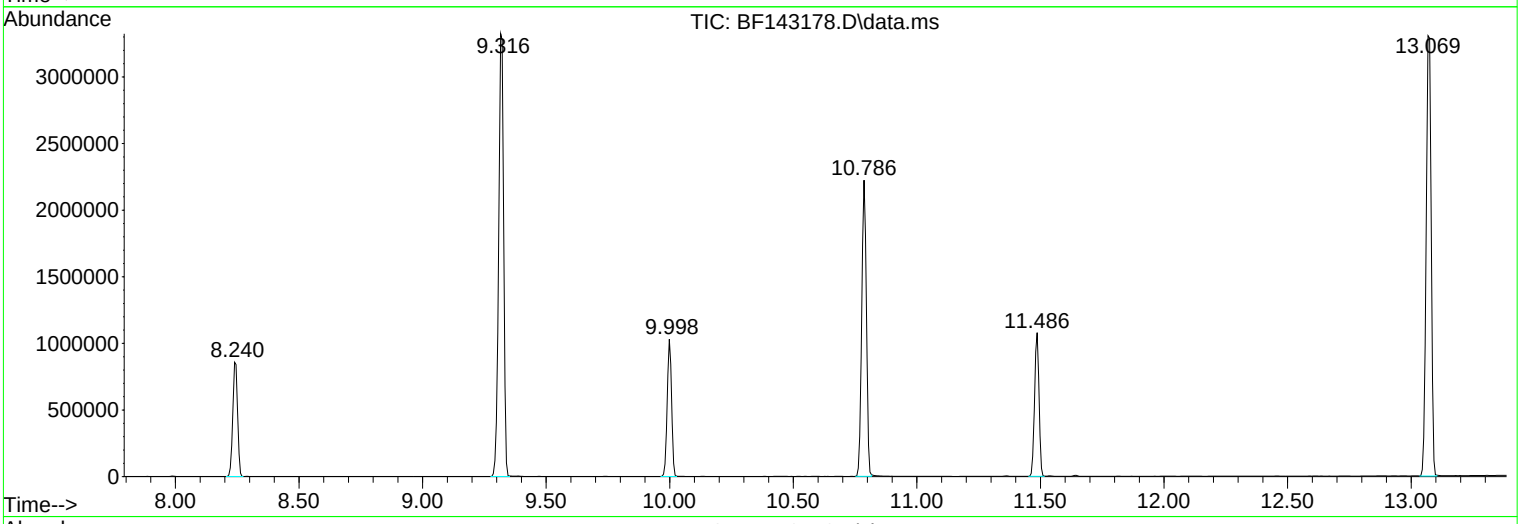
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

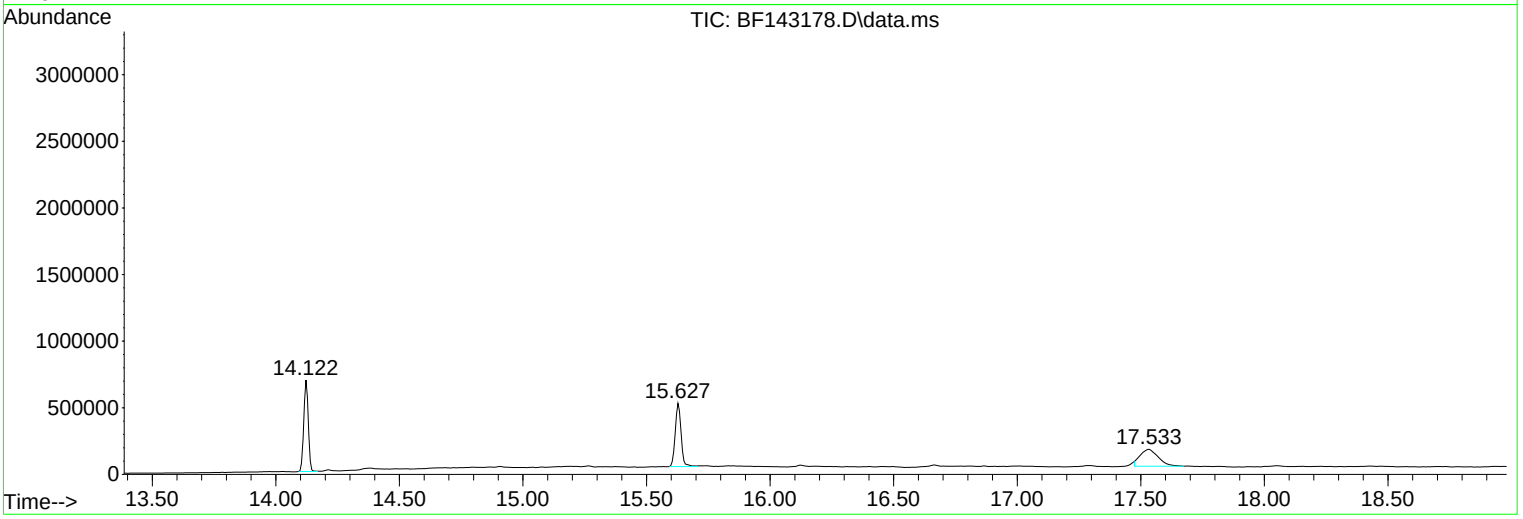
Instrument :
BNA_F
ClientSampleId :
PB168929BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Sample Results: **BF143178.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

****

Sample Results: **BF143178.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168929BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **BF143212.D**

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

Report of Analysis

Client:	Nobis Group			Date Collected:	
Project:	Raymark Superfund Site			Date Received:	
Client Sample ID:	PB168929BS			SDG No.:	Q2639
Lab Sample ID:	PB168929BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
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
BF143212.D	1	07/21/25 09:30	07/23/25 15:31	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.40		0.023	0.13	0.17	mg/Kg
91-57-6	2-Methylnaphthalene	1.40		0.026	0.13	0.17	mg/Kg
208-96-8	Acenaphthylene	1.40		0.029	0.13	0.17	mg/Kg
83-32-9	Acenaphthene	1.50		0.021	0.13	0.17	mg/Kg
86-73-7	Fluorene	1.40		0.025	0.13	0.17	mg/Kg
85-01-8	Phenanthrene	1.40		0.021	0.13	0.17	mg/Kg
120-12-7	Anthracene	1.40		0.033	0.13	0.17	mg/Kg
206-44-0	Fluoranthene	1.50		0.030	0.13	0.17	mg/Kg
129-00-0	Pyrene	1.50		0.036	0.13	0.17	mg/Kg
56-55-3	Benzo(a)anthracene	1.50		0.023	0.13	0.17	mg/Kg
218-01-9	Chrysene	1.40		0.020	0.13	0.17	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.50		0.019	0.13	0.17	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.50		0.022	0.13	0.17	mg/Kg
50-32-8	Benzo(a)pyrene	1.50		0.030	0.13	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.50		0.029	0.13	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.50		0.027	0.13	0.17	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.50		0.026	0.13	0.17	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	77.9		37 - 122		78%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.0		44 - 115		71%	SPK: 100
1718-51-0	Terphenyl-d14	78.7		54 - 127		79%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127000	6.963				
1146-65-2	Naphthalene-d8	497000	8.245				
15067-26-2	Acenaphthene-d10	269000	10.004				
1517-22-2	Phenanthrene-d10	457000	11.486				
1719-03-5	Chrysene-d12	257000	14.127				
1520-96-3	Perylene-d12	259000	15.627				

Raw Data: **BF143212.D**

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

Report of Analysis

Client:	Nobis Group			Date Collected:	
Project:	Raymark Superfund Site			Date Received:	
Client Sample ID:	PB168929BS			SDG No.:	Q2639
Lab Sample ID:	PB168929BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
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
BF143212.D	1	07/21/25 09:30	07/23/25 15:31	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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

Sample Results: **BF143212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	127346	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	497233	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	269042	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	457175	20.000	ng		0.00
76) Chrysene-d12	14.127	240	257414	20.000	ng		0.00
86) Perylene-d12	15.627	264	259291	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	856356	106.415	ng		0.02
7) Phenol-d6	6.593	99	1087717	107.386	ng		0.00
23) Nitrobenzene-d5	7.522	82	776976	77.891	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	327822	117.949	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1397519	71.040	ng		0.00
79) Terphenyl-d14	13.069	244	1360738	78.664	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	127224	33.411	ng		99
3) Pyridine	3.658	79	353529	35.770	ng		98
4) n-Nitrosodimethylamine	3.599	42	208931	40.945	ng		97
6) Aniline	6.628	93	446346	31.618	ng		100
8) 2-Chlorophenol	6.751	128	355572	42.153	ng		97
9) Benzaldehyde	6.510	77	240055	31.606	ng		97
10) Phenol	6.610	94	456674	41.386	ng		89
11) bis(2-Chloroethyl)ether	6.693	93	344126	40.731	ng		100
12) 1,3-Dichlorobenzene	6.904	146	372518	40.653	ng		100
13) 1,4-Dichlorobenzene	6.981	146	377541	40.912	ng		99
14) 1,2-Dichlorobenzene	7.134	146	364259	41.502	ng		100
15) Benzyl Alcohol	7.098	79	331900	42.914	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	639401	40.797	ng		97
17) 2-Methylphenol	7.210	107	298687	42.113	ng		99
18) Hexachloroethane	7.481	117	136455	42.714	ng		99
19) n-Nitroso-di-n-propyla...	7.369	70	262936	40.461	ng		98
20) 3+4-Methylphenols	7.363	107	359582	41.787	ng	#	80
22) Acetophenone	7.369	105	482041	40.948	ng	#	96
24) Nitrobenzene	7.540	77	393984	42.364	ng		100
25) Isophorone	7.781	82	738787	41.954	ng		99
26) 2-Nitrophenol	7.857	139	193942	48.051	ng		100
27) 2,4-Dimethylphenol	7.893	122	342191	41.592	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	439929	41.668	ng		99
29) 2,4-Dichlorophenol	8.098	162	295824	42.636	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	318755	42.525	ng		99
31) Naphthalene	8.269	128	1019308	41.625	ng		100
32) Benzoic acid	8.010	122	231444	49.730	ng		99
33) 4-Chloroaniline	8.304	127	180929	18.095	ng		99
34) Hexachlorobutadiene	8.387	225	196852	42.990	ng		99
35) Caprolactam	8.675	113	103126m	49.186	ng		
36) 4-Chloro-3-methylphenol	8.793	107	335805	44.529	ng		98
37) 2-Methylnaphthalene	8.957	142	637504	42.782	ng		100
38) 1-Methylnaphthalene	9.057	142	659370	42.971	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	310898	40.025	ng		99
41) Hexachlorocyclopentadiene	9.116	237	434132	85.897	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	222483	41.386	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	236559	43.991	ng		99
46) 1,1'-Biphenyl	9.422	154	870859	41.488	ng		100
47) 2-Chloronaphthalene	9.445	162	644057	41.468	ng		99
48) 2-Nitroaniline	9.534	65	222155	45.611	ng		99
49) Acenaphthylene	9.863	152	1097730	42.174	ng		99
50) Dimethylphthalate	9.716	163	772585	44.055	ng		100
51) 2,6-Dinitrotoluene	9.775	165	170575	47.813	ng		99
52) Acenaphthene	10.039	154	703577	45.734	ng		97
53) 3-Nitroaniline	9.945	138	126346	30.278	ng		99
54) 2,4-Dinitrophenol	10.051	184	175905	106.394	ng	#	1
55) Dibenzofuran	10.210	168	946920	41.458	ng		100
56) 4-Nitrophenol	10.104	139	288611	92.622	ng		99
57) 2,4-Dinitrotoluene	10.181	165	230038	51.396	ng		96
58) Fluorene	10.551	166	731345	42.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	183839	41.271	ng		99
60) Diethylphthalate	10.422	149	770778	44.467	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	370456	43.401	ng		100
62) 4-Nitroaniline	10.563	138	172252	48.165	ng		97
63) Azobenzene	10.698	77	767093	42.462	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	117398	48.873	ng		97
66) n-Nitrosodiphenylamine	10.657	169	663950	41.243	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	229335	42.093	ng		98
68) Hexachlorobenzene	11.104	284	237782	41.755	ng		97
69) Atrazine	11.181	200	212724	47.930	ng		100
70) Pentachlorophenol	11.292	266	199919	59.697	ng		99
71) Phenanthrene	11.516	178	1013473	41.750	ng		99
72) Anthracene	11.563	178	1042962	42.127	ng		100
73) Carbazole	11.716	167	936735	43.331	ng		100
74) Di-n-butylphthalate	12.039	149	1158302	47.353	ng		100
75) Fluoranthene	12.698	202	1021601	45.851	ng		99
77) Benzidine	12.810	184	439225	44.288	ng		99
78) Pyrene	12.928	202	997507	45.405	ng		100
80) Butylbenzylphthalate	13.539	149	388473	57.747	ng		98
81) Benzo(a)anthracene	14.116	228	768789	44.609	ng		99
82) 3,3'-Dichlorobenzidine	14.069	252	130418	22.706	ng		99
83) Chrysene	14.151	228	667015	43.047	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	509639	50.052	ng		100
85) Di-n-octyl phthalate	14.710	149	801994	43.453	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	801110	43.816	ng		98
88) Benzo(b)fluoranthene	15.180	252	699919	44.186	ng		100
89) Benzo(k)fluoranthene	15.216	252	629517	44.536	ng		99
90) Benzo(a)pyrene	15.563	252	650257	44.555	ng		100
91) Dibenzo(a,h)anthracene	17.186	278	650784	43.731	ng		99
92) Benzo(g,h,i)perylene	17.639	276	645025	44.808	ng		98

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

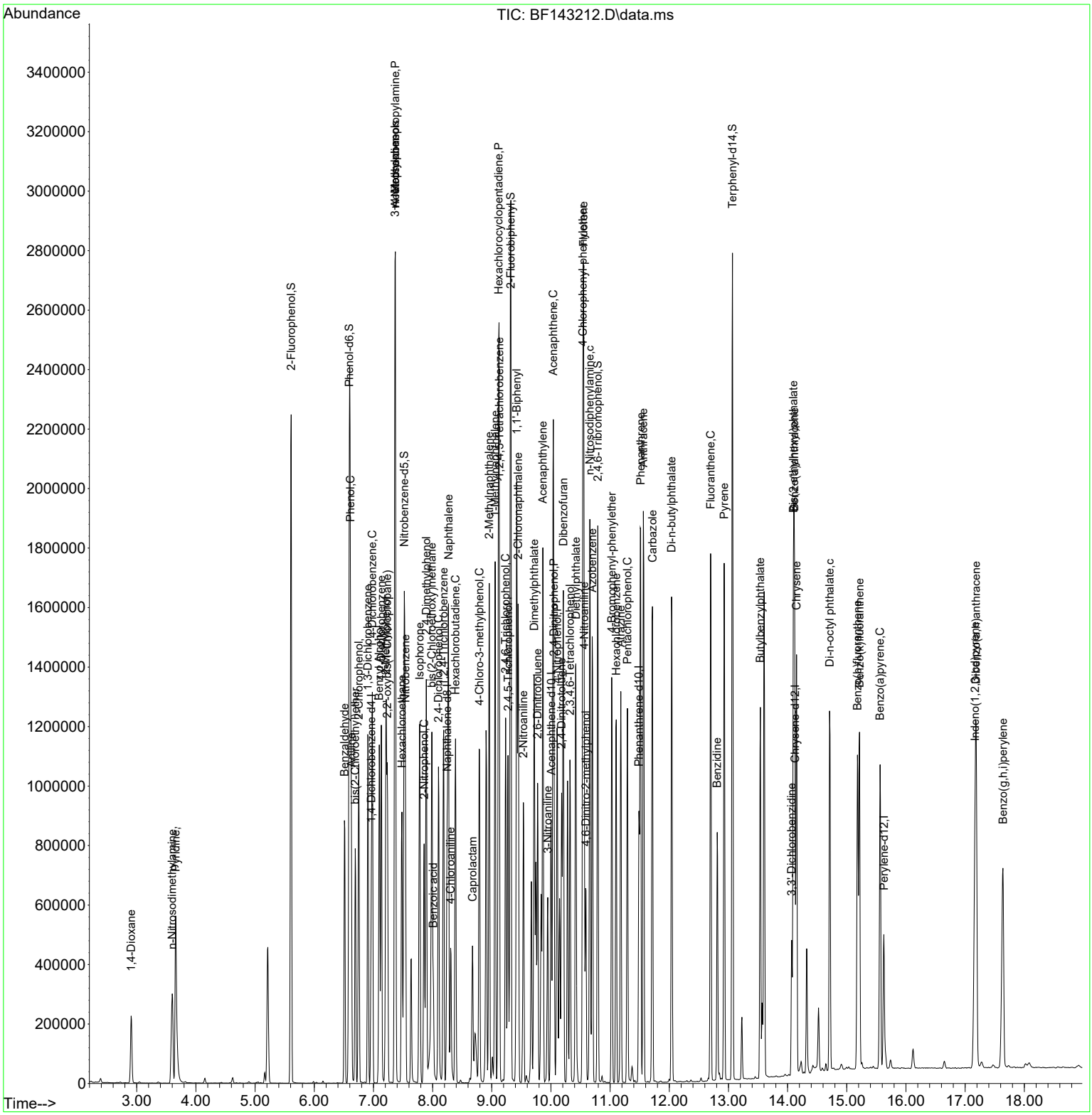
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Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

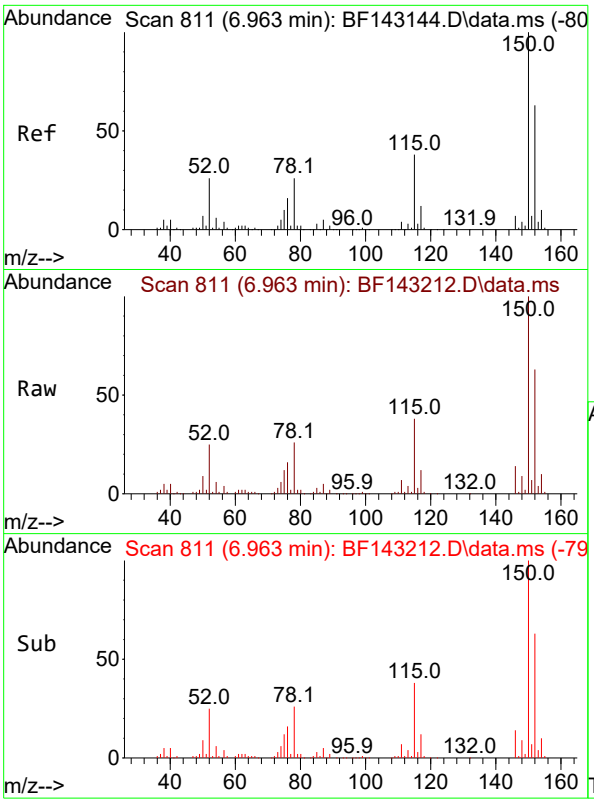
Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

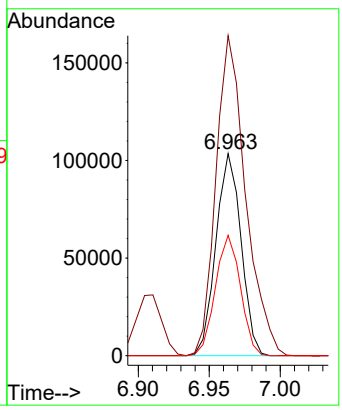




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:152 Resp: 12734

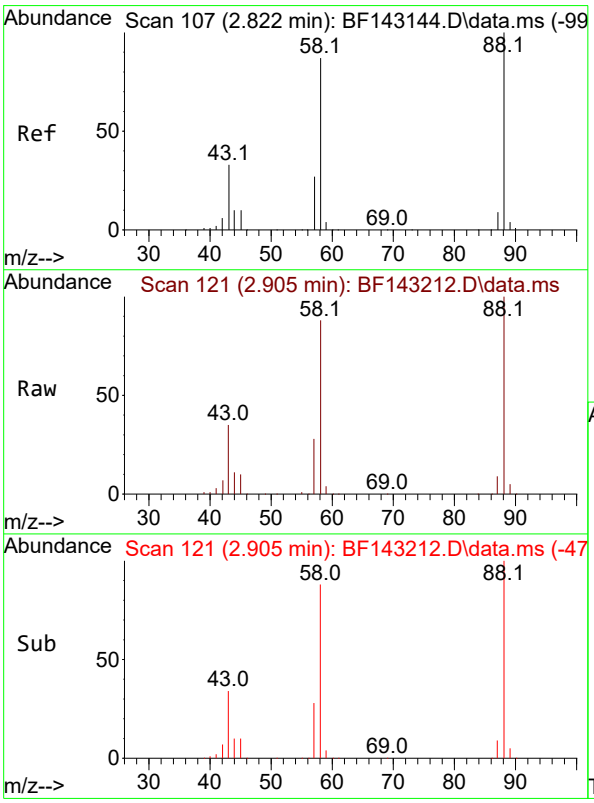
Ion	Ratio	Lower	Upper
152	100		
150	158.4	128.2	192.4
115	59.6	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

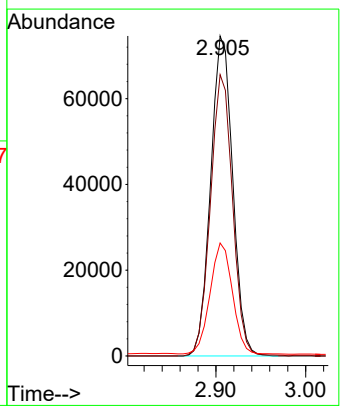
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

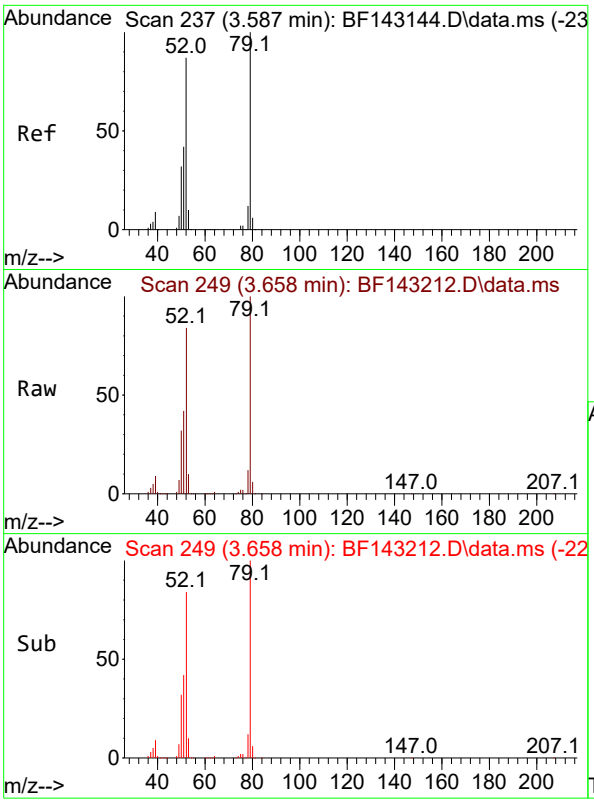


#2
1,4-Dioxane
Concen: 33.411 ng
RT: 2.905 min Scan# 121
Delta R.T. 0.083 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 88 Resp: 127224

Ion	Ratio	Lower	Upper
88	100		
58	88.3	70.2	105.2
43	35.3	27.1	40.7

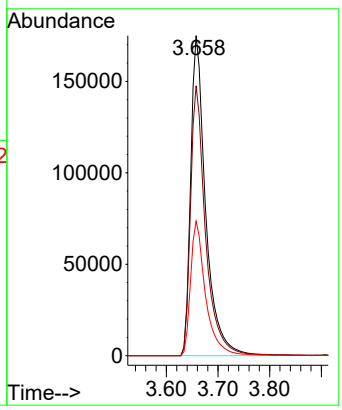




#3
Pyridine
Concen: 35.770 ng
RT: 3.658 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 79 Resp: 353529

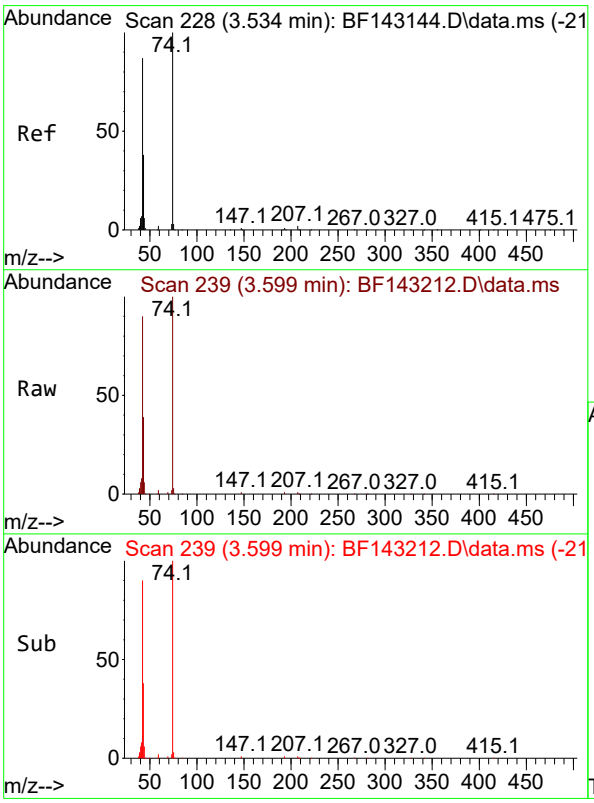
Ion	Ratio	Lower	Upper
79	100		
52	84.3	69.4	104.2
51	42.1	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

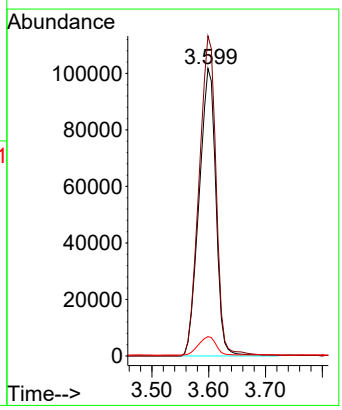
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

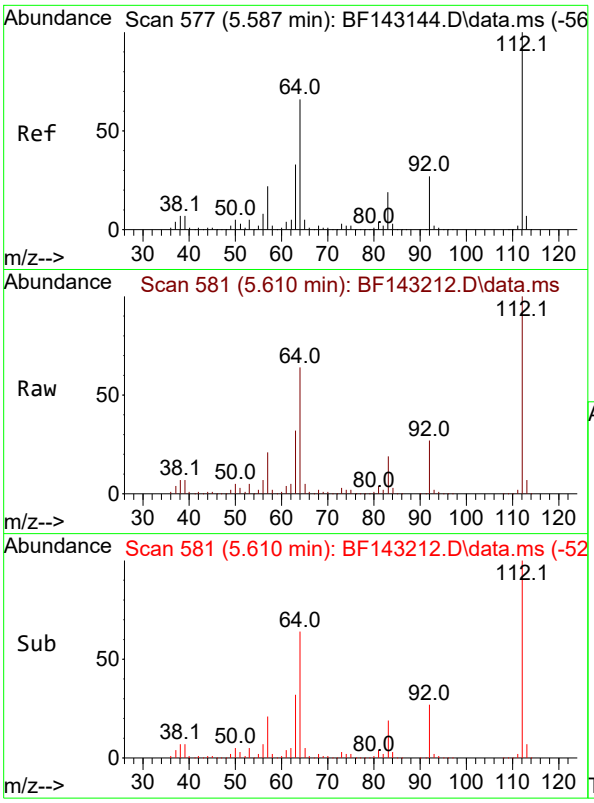


#4
n-Nitrosodimethylamine
Concen: 40.945 ng
RT: 3.599 min Scan# 239
Delta R.T. 0.065 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 42 Resp: 208931

Ion	Ratio	Lower	Upper
42	100		
74	111.3	91.7	137.5
44	6.7	5.6	8.4

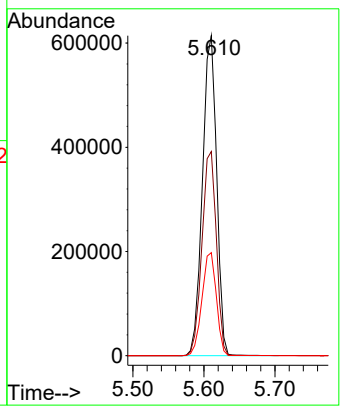




#5
2-Fluorophenol
Concen: 106.415 ng
RT: 5.610 min Scan# 5
Delta R.T. 0.024 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:112 Resp: 85635

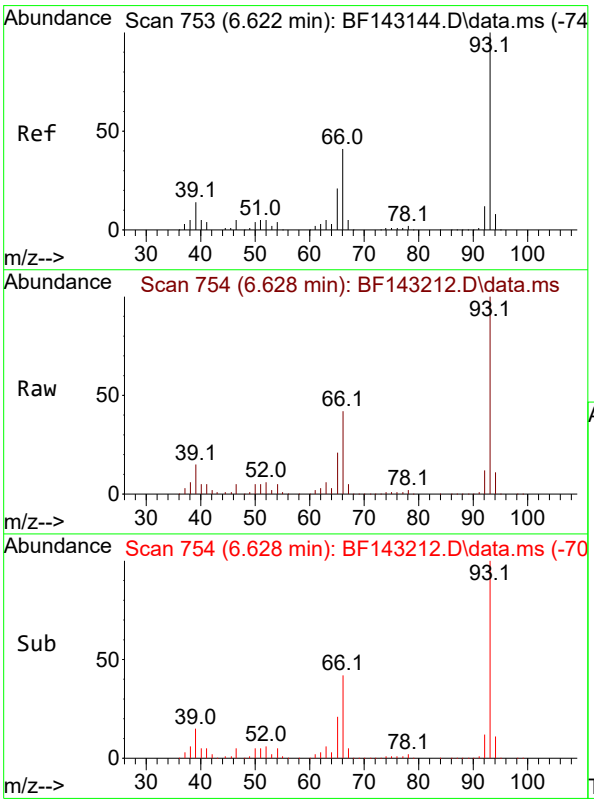
Ion	Ratio	Lower	Upper
112	100		
64	63.8	53.1	79.7
63	32.2	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

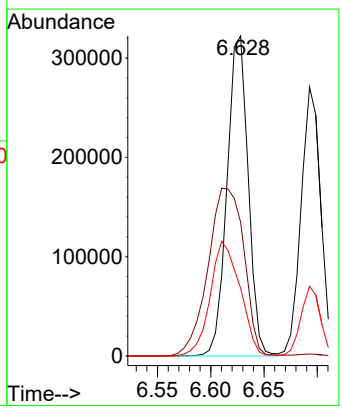
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

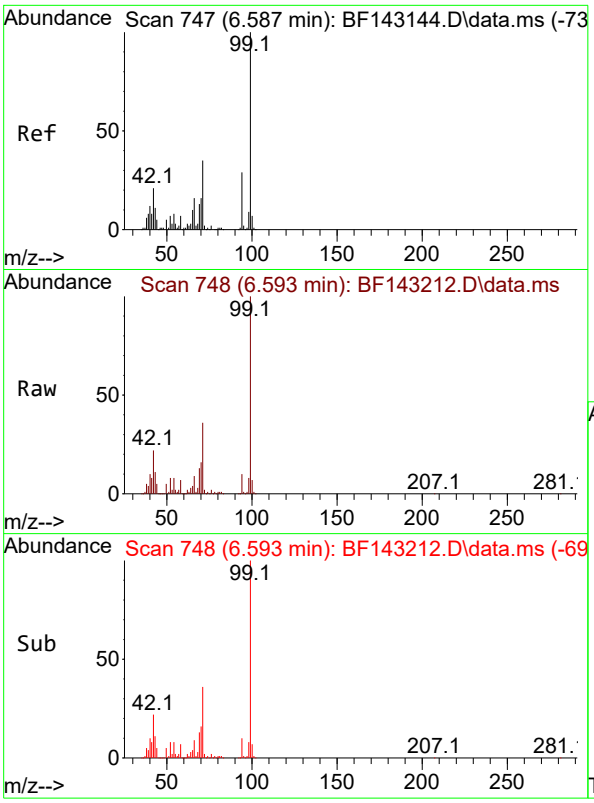


#6
Aniline
Concen: 31.618 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 446346

Ion	Ratio	Lower	Upper
93	100		
66	41.8	33.2	49.8
65	21.2	16.9	25.3

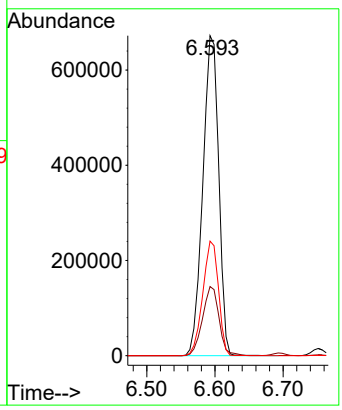




#7
Phenol-d6
Concen: 107.386 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 99 Resp: 108771

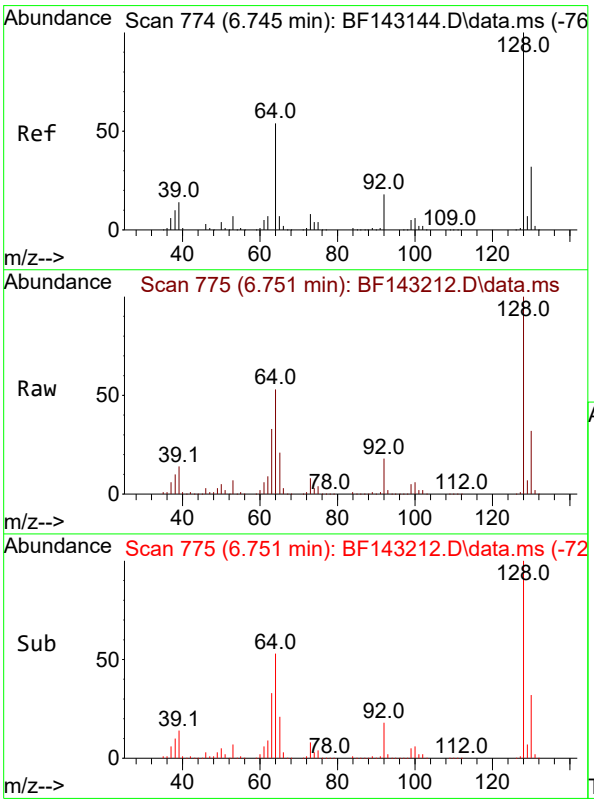
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	35.8	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

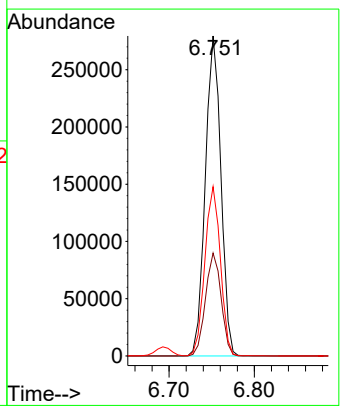
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

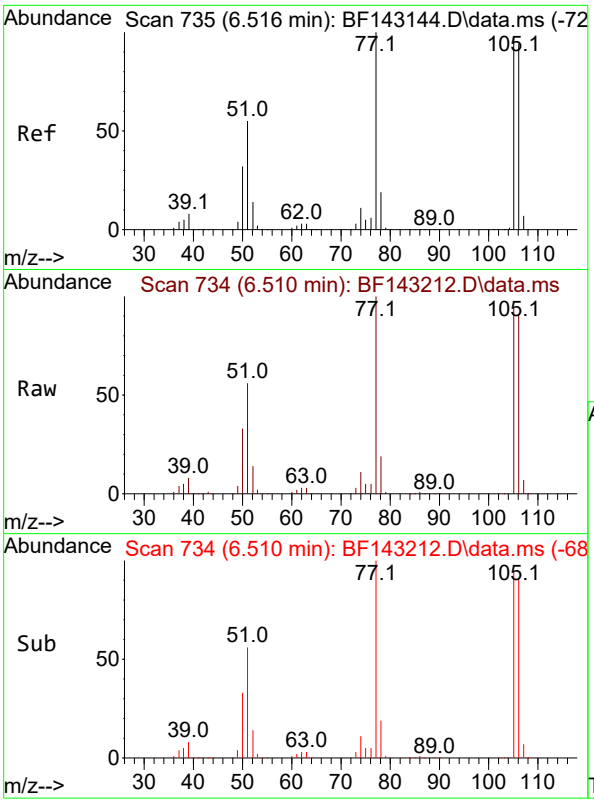


#8
2-Chlorophenol
Concen: 42.153 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:128 Resp: 355572

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	52.9	35.9	75.9

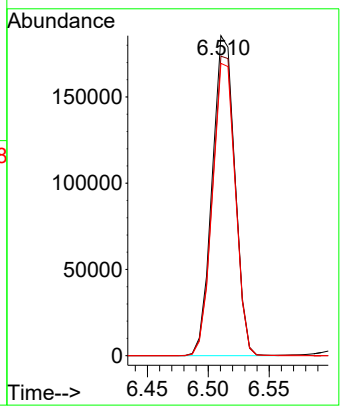




#9
Benzaldehyde
Concen: 31.606 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 77 Resp: 24005

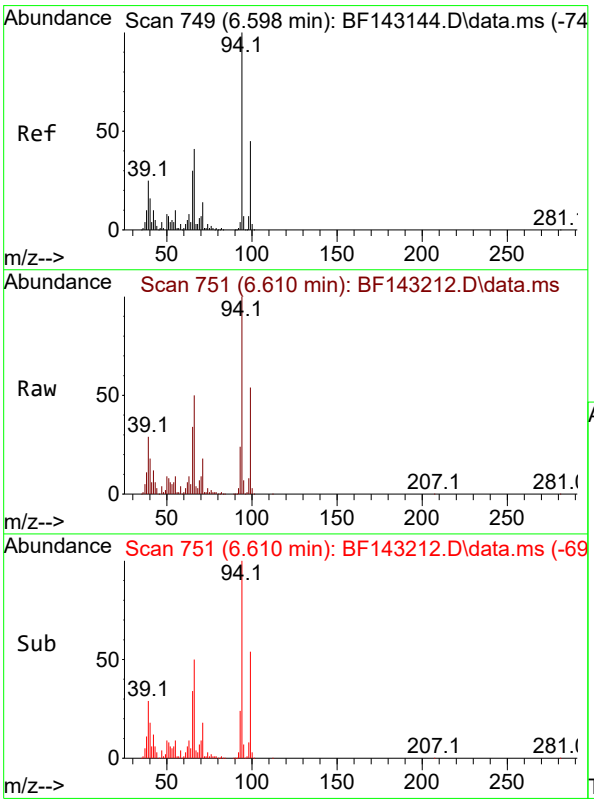
Ion	Ratio	Lower	Upper
77	100		
105	93.6	76.8	116.8
106	91.3	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

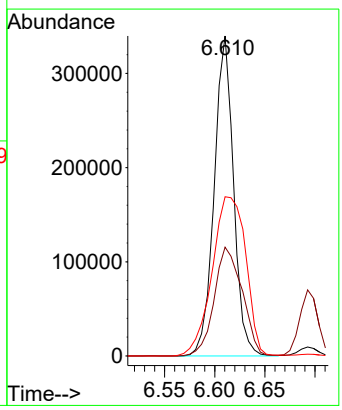
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

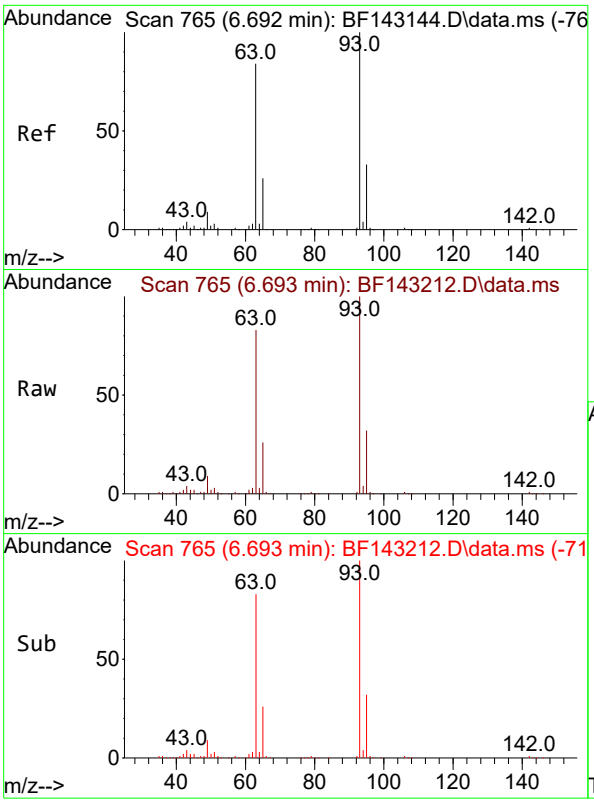


#10
Phenol
Concen: 41.386 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 94 Resp: 456674

Ion	Ratio	Lower	Upper
94	100		
65	34.0	10.0	50.0
66	49.7	20.8	60.8





#11
bis(2-Chloroethyl)ether
Concen: 40.731 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

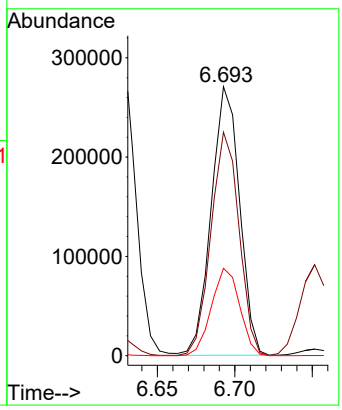
Tgt Ion: 93 Resp: 34412

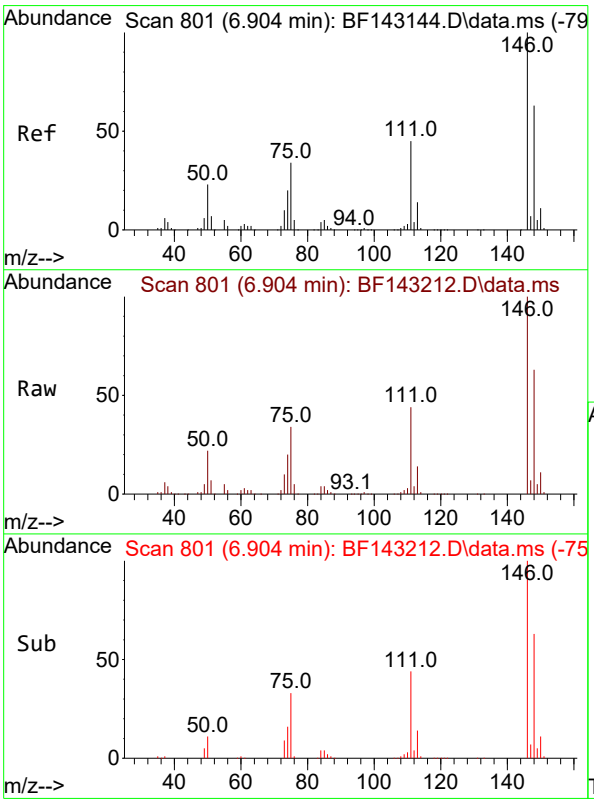
Ion	Ratio	Lower	Upper
93	100		
63	83.1	63.4	103.4
95	32.5	12.4	52.4

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

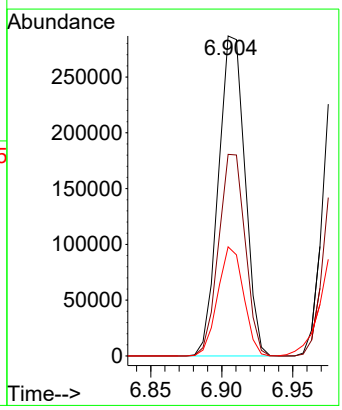


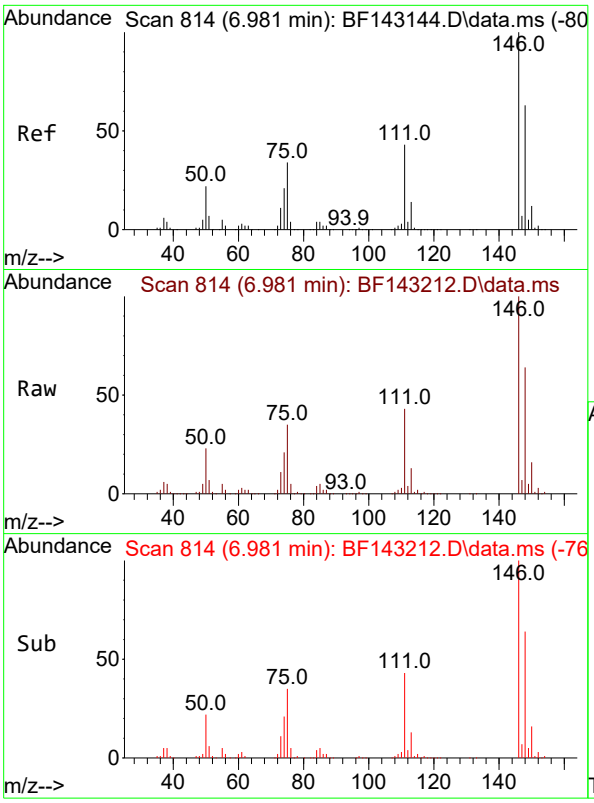


#12
1,3-Dichlorobenzene
Concen: 40.653 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 372518

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
75	34.1	27.4	41.2

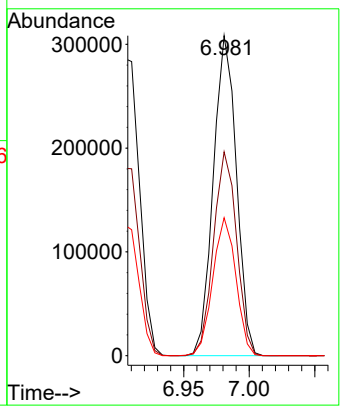




#13
1,4-Dichlorobenzene
Concen: 40.912 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 37754

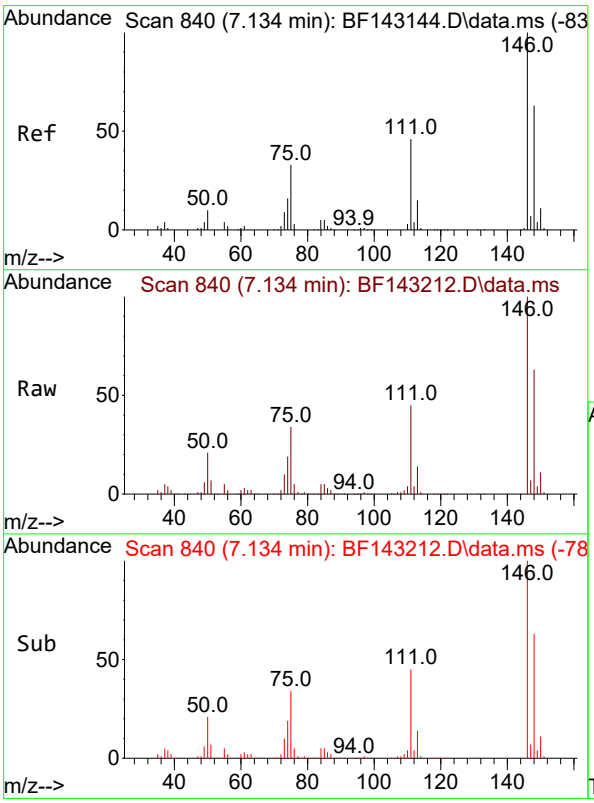
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	43.1	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

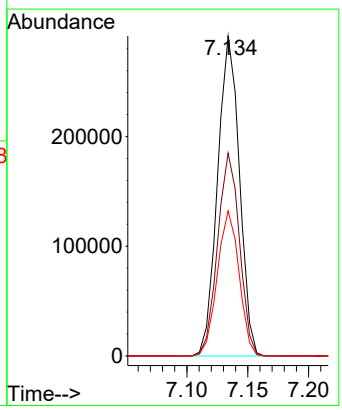
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

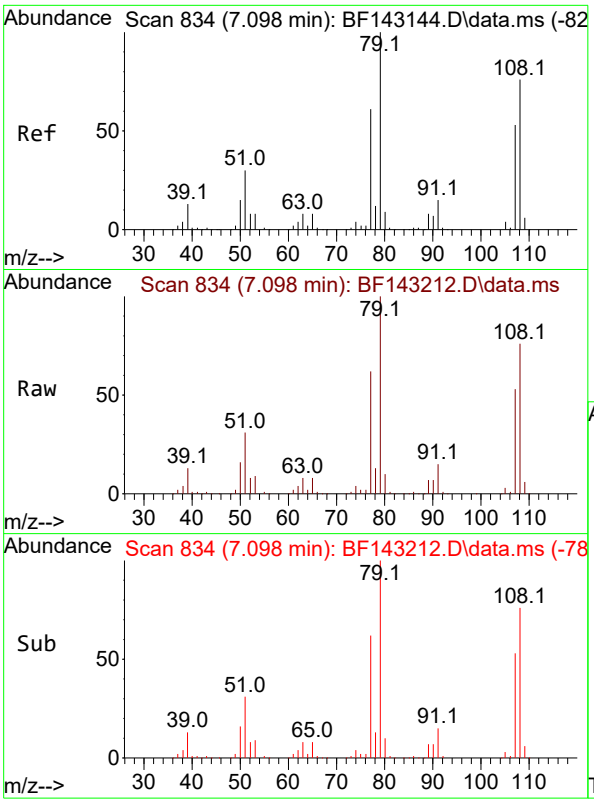


#14
1,2-Dichlorobenzene
Concen: 41.502 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 364259

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	45.4	36.6	54.8





#15
Benzyl Alcohol
Concen: 42.914 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

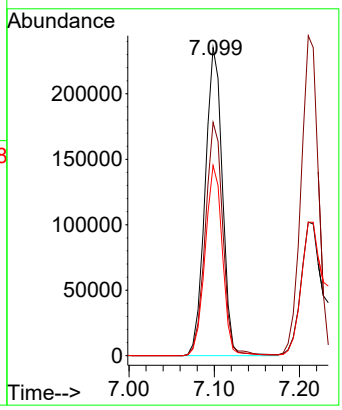
Tgt Ion: 79 Resp: 33190

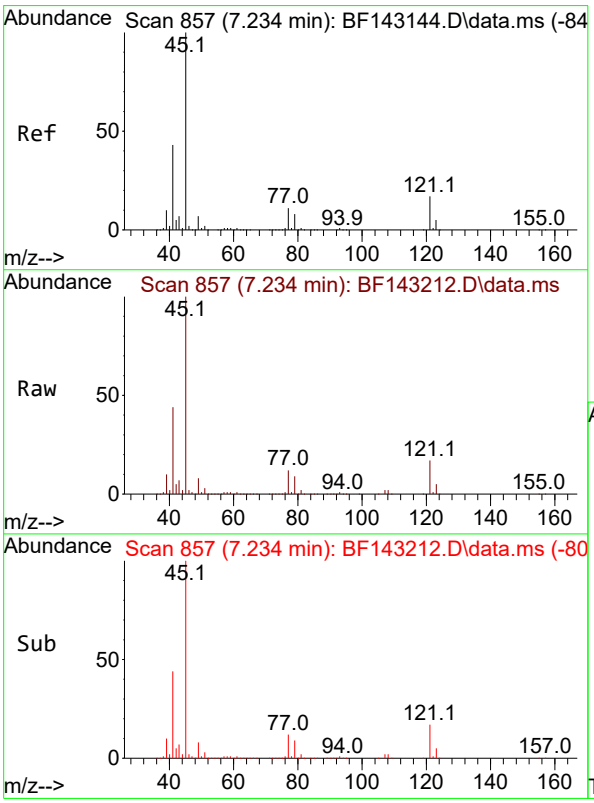
Ion	Ratio	Lower	Upper
79	100		
108	75.7	61.1	91.7
77	61.7	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

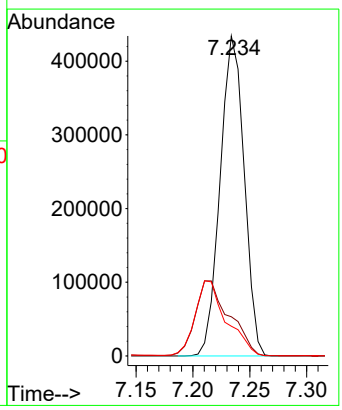


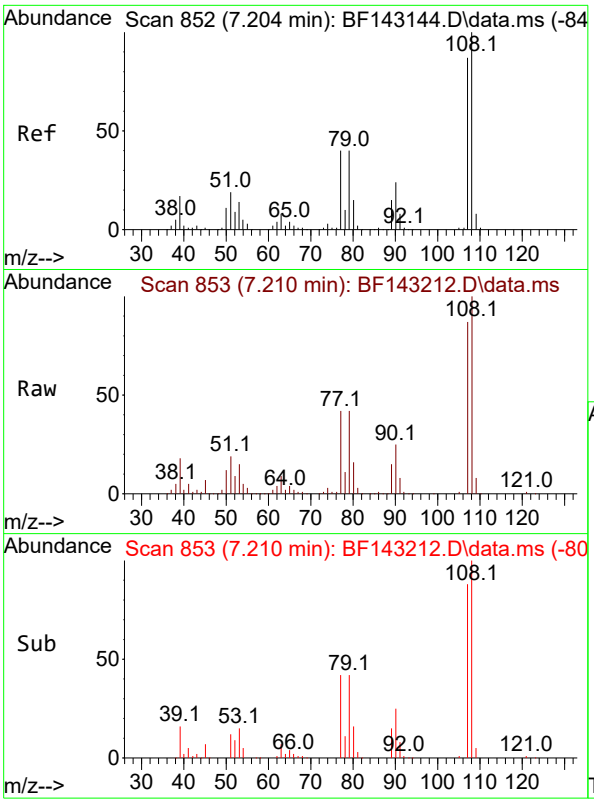


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.797 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 45 Resp: 639401

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	31.2
79	9.3	0.0	28.5

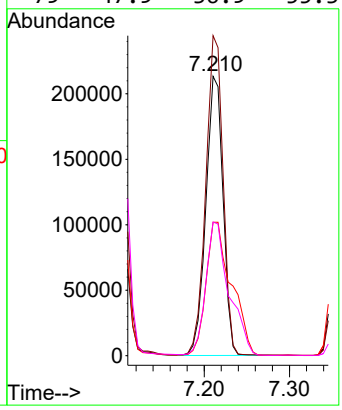




#17
2-Methylphenol
Concen: 42.113 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 29868

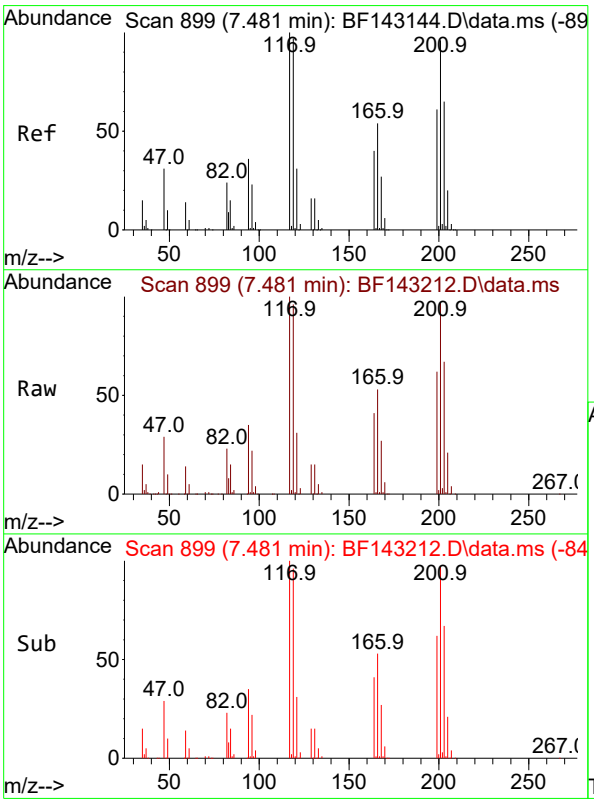
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.8	137.6
77	47.8	37.0	55.6
79	47.9	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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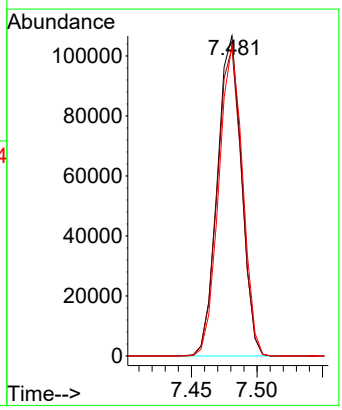
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

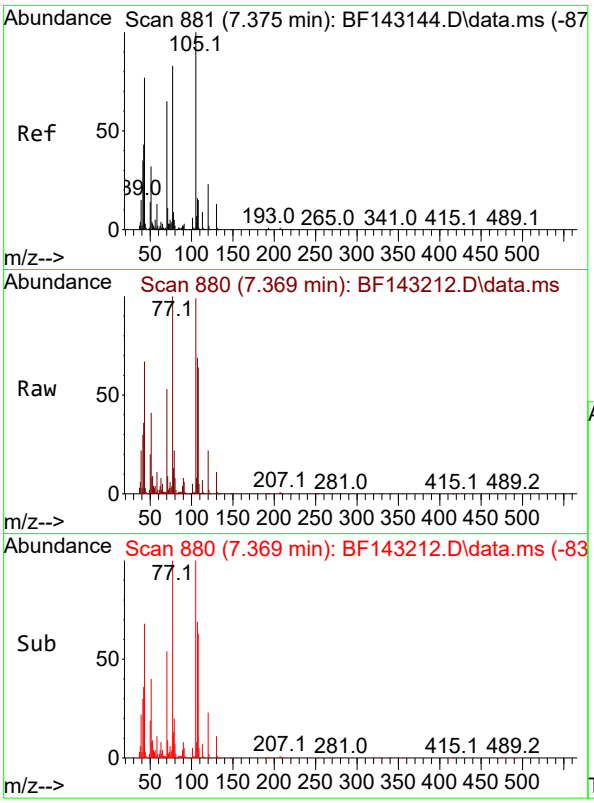


#18
Hexachloroethane
Concen: 42.714 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:117 Resp: 136455

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.8	116.8
201	97.2	77.0	115.4

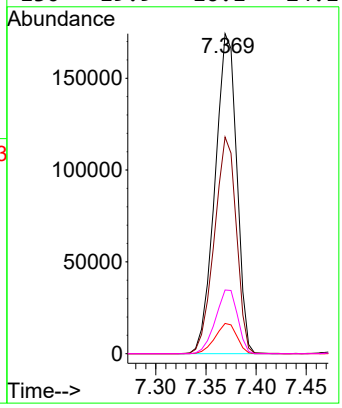




#19
n-Nitroso-di-n-propylamine
Concen: 40.461 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 70 Resp: 26293

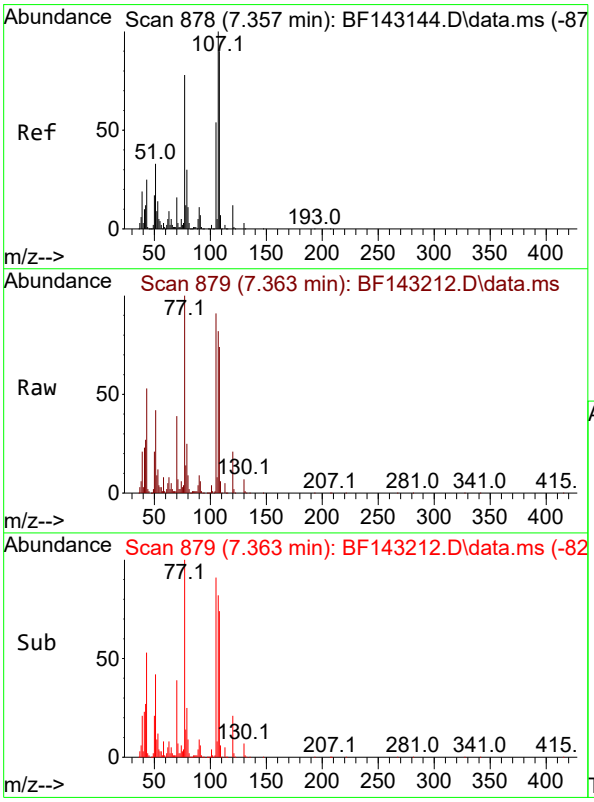
Ion	Ratio	Lower	Upper
70	100		
42	67.7	52.5	78.7
101	9.5	7.6	11.4
130	19.9	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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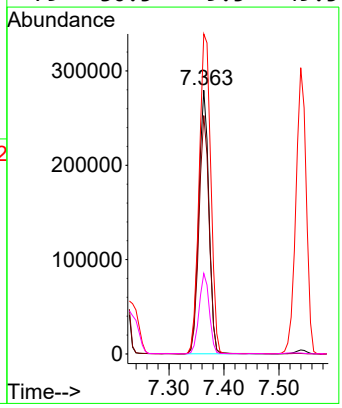
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

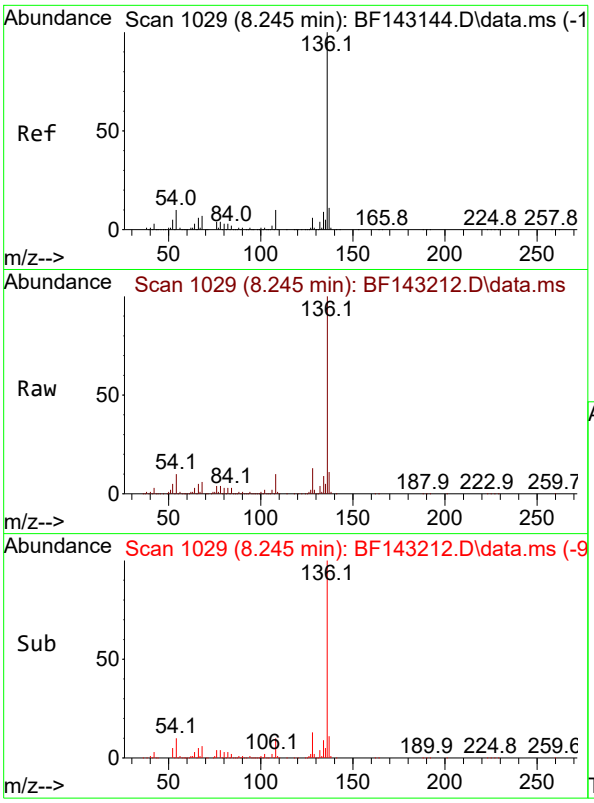


#20
3+4-Methylphenols
Concen: 41.787 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 359582

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.0	110.0
77	121.4	57.8	97.8#
79	30.5	9.5	49.5

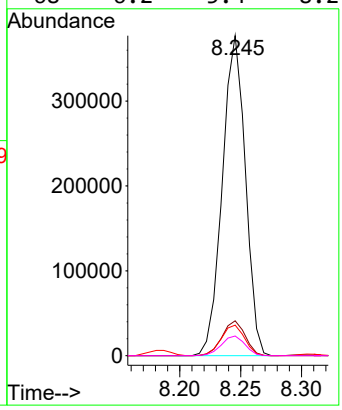




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:136 Resp: 49723

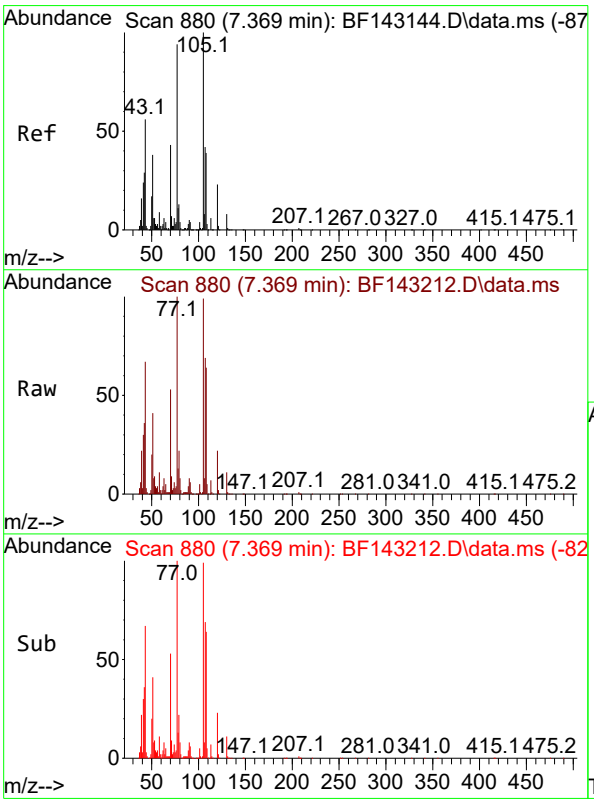
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	8.2	12.2
68	6.2	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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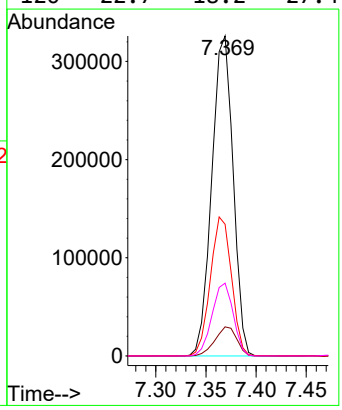
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

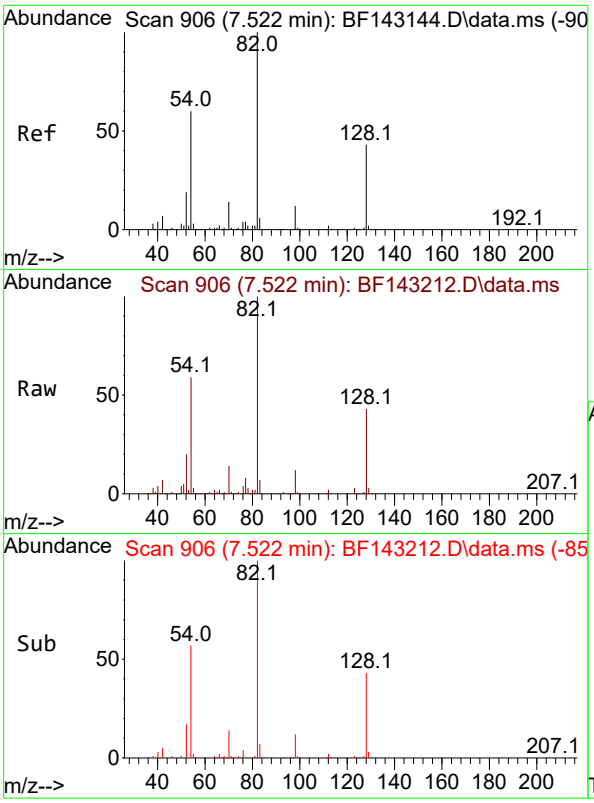


#22
Acetophenone
Concen: 40.948 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:105 Resp: 482041

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	41.1	30.2	45.2
120	22.7	18.2	27.4





#23
Nitrobenzene-d5
Concen: 77.891 ng
RT: 7.522 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

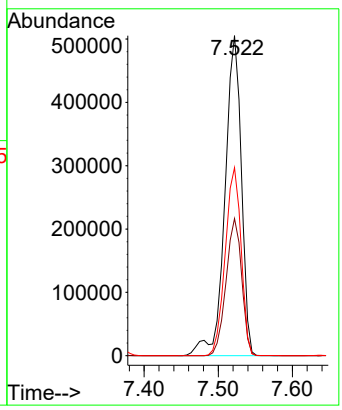
Tgt Ion: 82 Resp: 77697(

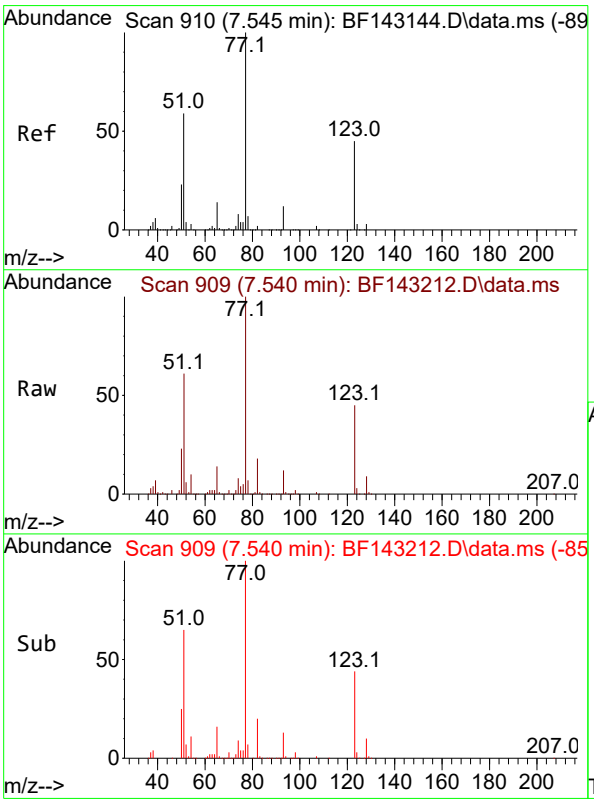
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.6	50.4
54	58.7	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

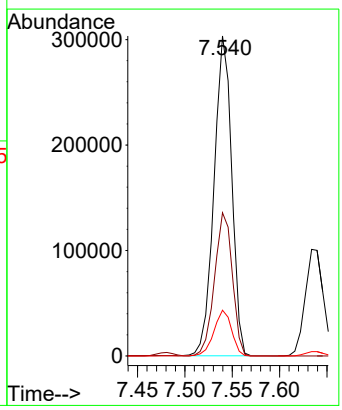


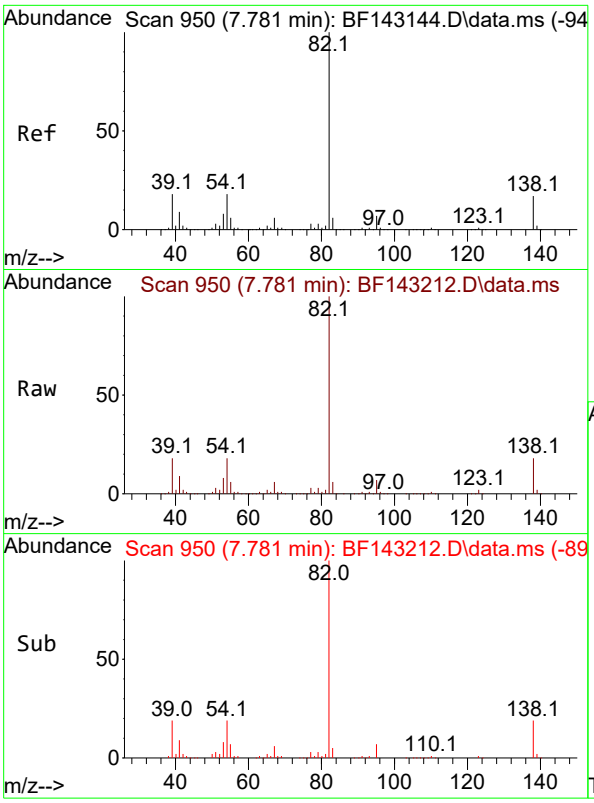


#24
Nitrobenzene
Concen: 42.364 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 77 Resp: 393984

Ion	Ratio	Lower	Upper
77	100		
123	44.8	36.1	54.1
65	14.3	11.4	17.2

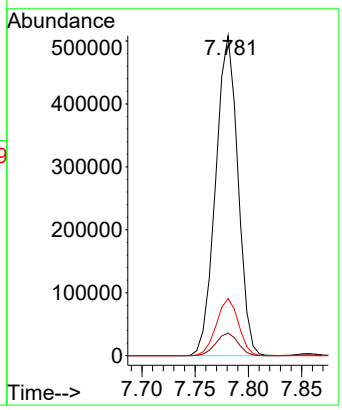




#25
Isophorone
Concen: 41.954 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 82 Resp: 73878

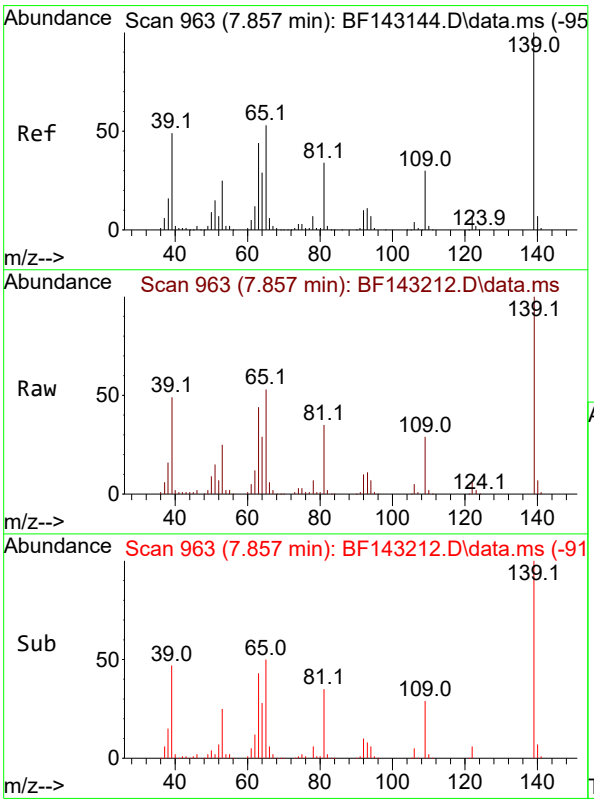
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.9	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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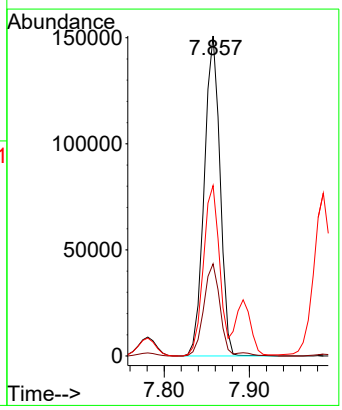
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

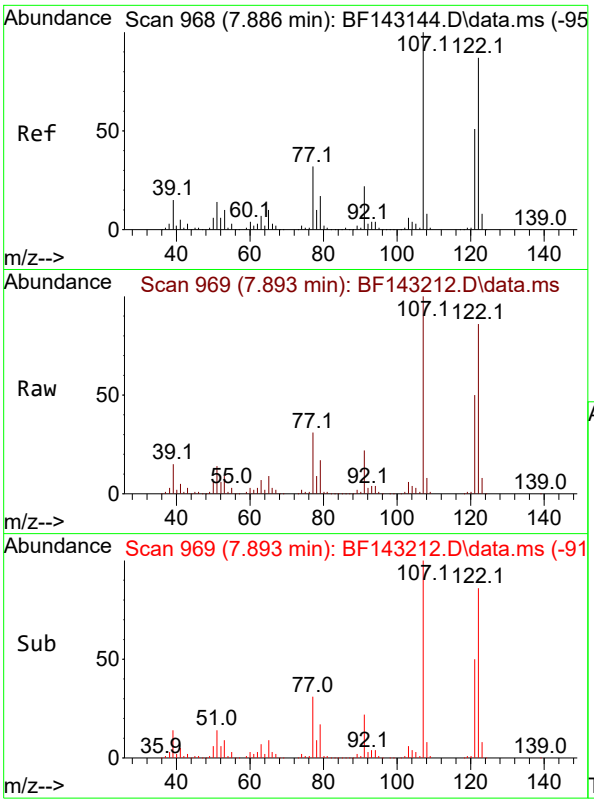


#26
2-Nitrophenol
Concen: 48.051 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:139 Resp: 193942

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.6	35.4
65	53.3	42.6	64.0

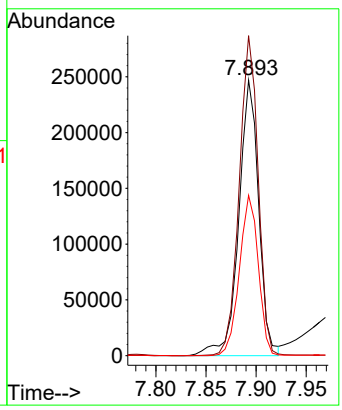




#27
2,4-Dimethylphenol
Concen: 41.592 ng
RT: 7.893 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:122 Resp: 34219

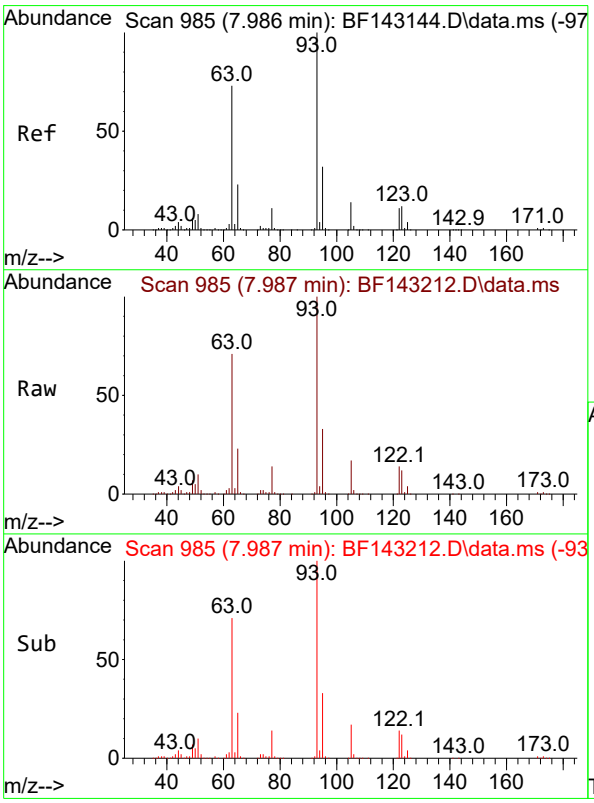
Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.8	137.6
121	58.2	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

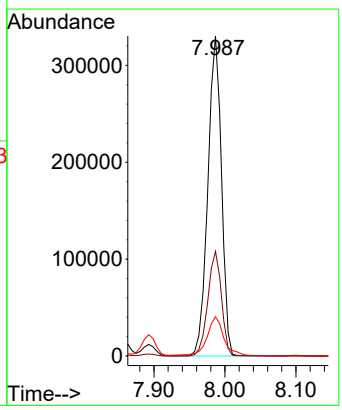
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

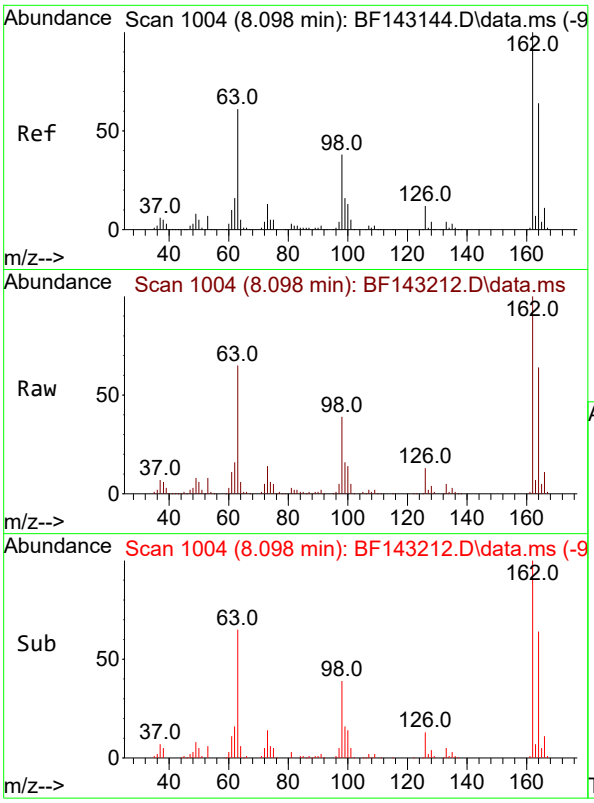


#28
bis(2-Chloroethoxy)methane
Concen: 41.668 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 439929

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	12.3	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 42.636 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

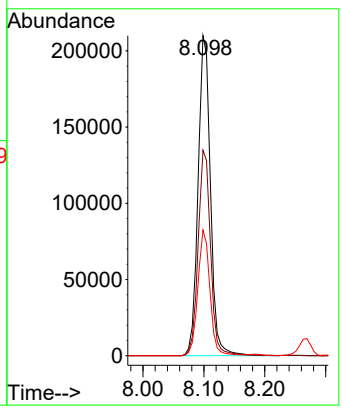
Tgt Ion:162 Resp: 29582

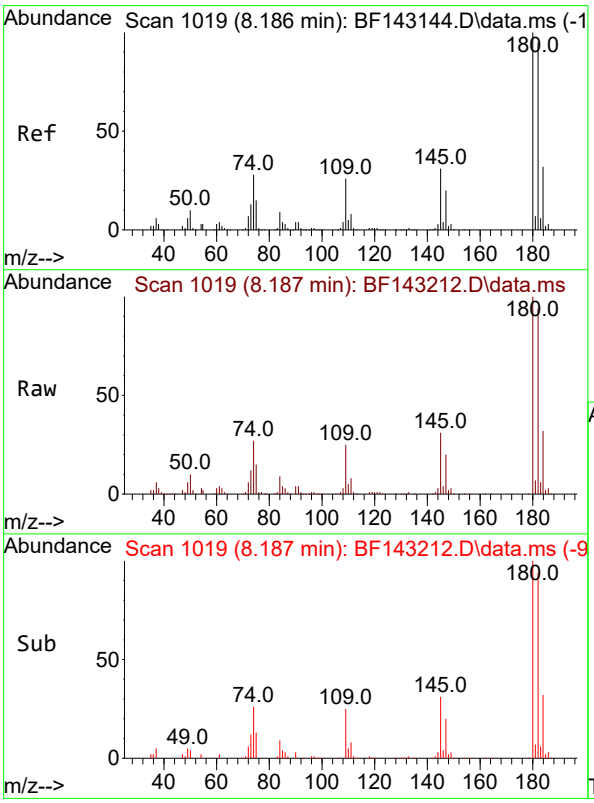
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	39.2	17.9	57.9

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

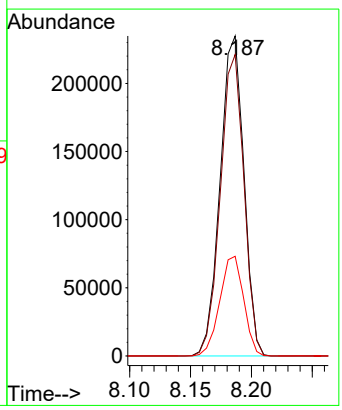


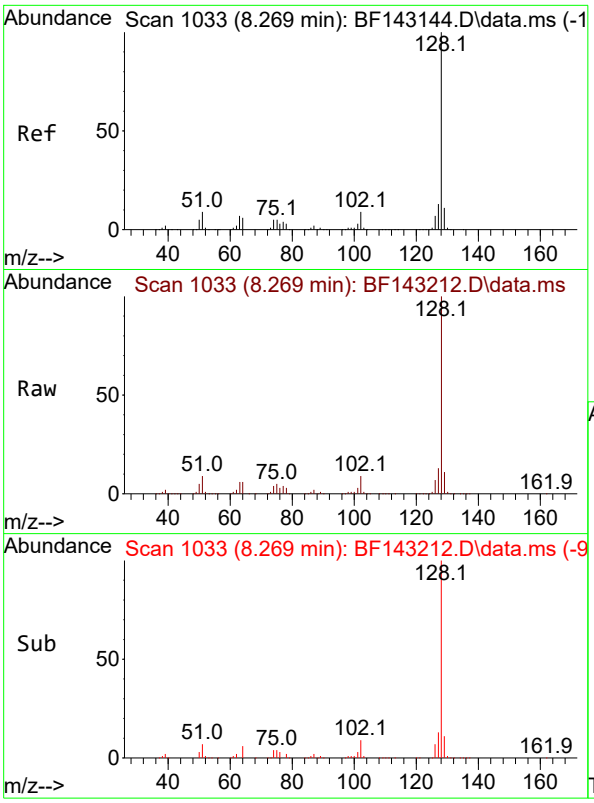


#30
1,2,4-Trichlorobenzene
Concen: 42.525 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:180 Resp: 318755

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	31.2	25.0	37.6





#31
Naphthalene
Concen: 41.625 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

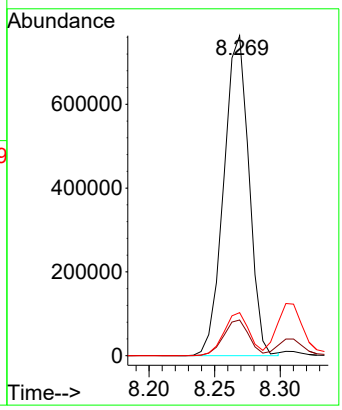
Instrument :
BNA_F
ClientSampleId :
PB168929BS

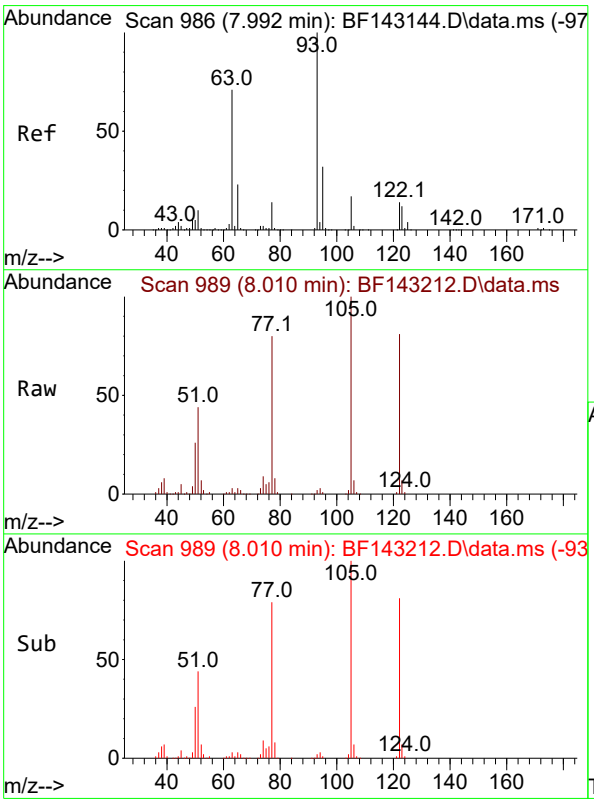
Tgt Ion:128 Resp: 101930

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.6	16.0

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

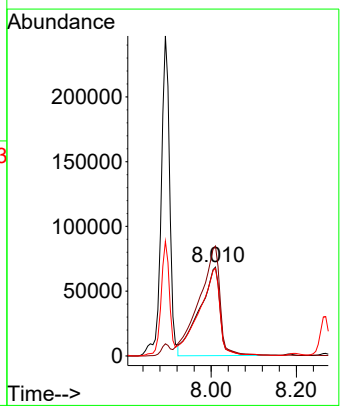


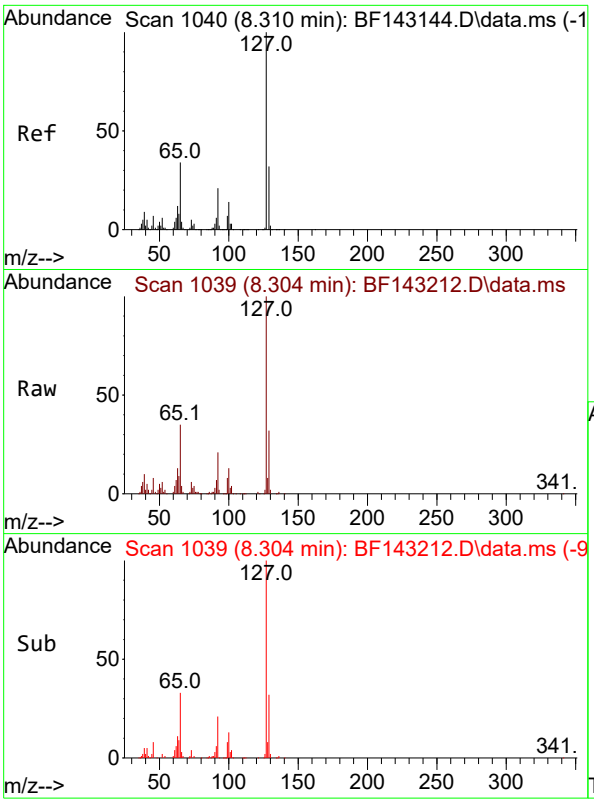


#32
Benzoic acid
Concen: 49.730 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:122 Resp: 231444

Ion	Ratio	Lower	Upper
122	100		
105	123.9	104.8	144.8
77	98.7	77.6	117.6

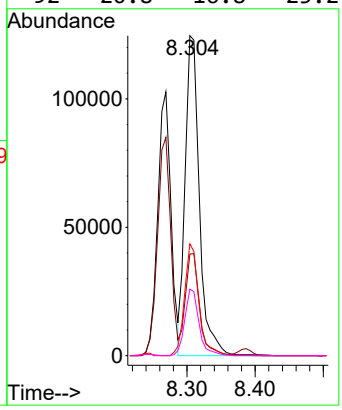




#33
4-Chloroaniline
Concen: 18.095 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:127 Resp: 18092

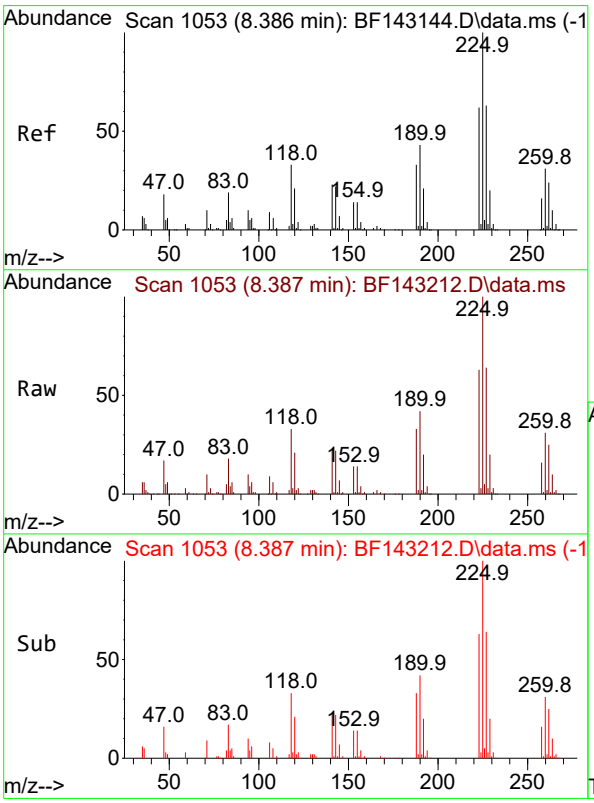
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	34.9	27.4	41.2
92	20.8	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

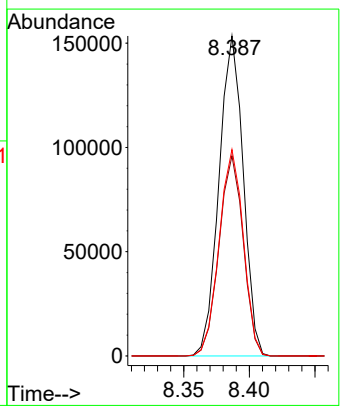
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

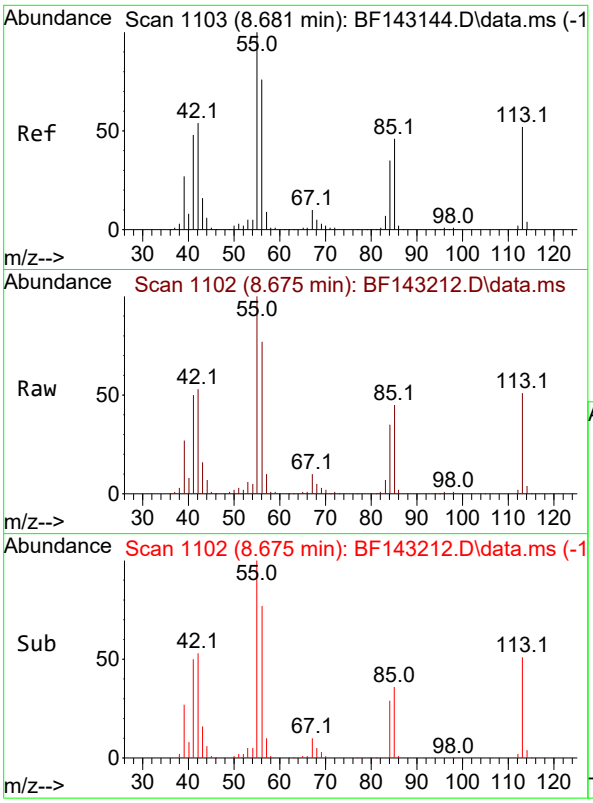


#34
Hexachlorobutadiene
Concen: 42.990 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:225 Resp: 196852

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	64.5	50.2	75.4

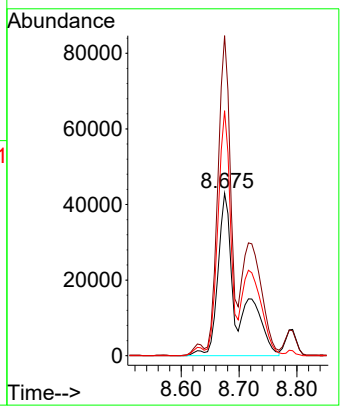




#35
Caprolactam
Concen: 49.186 ng m
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:113 Resp: 10312

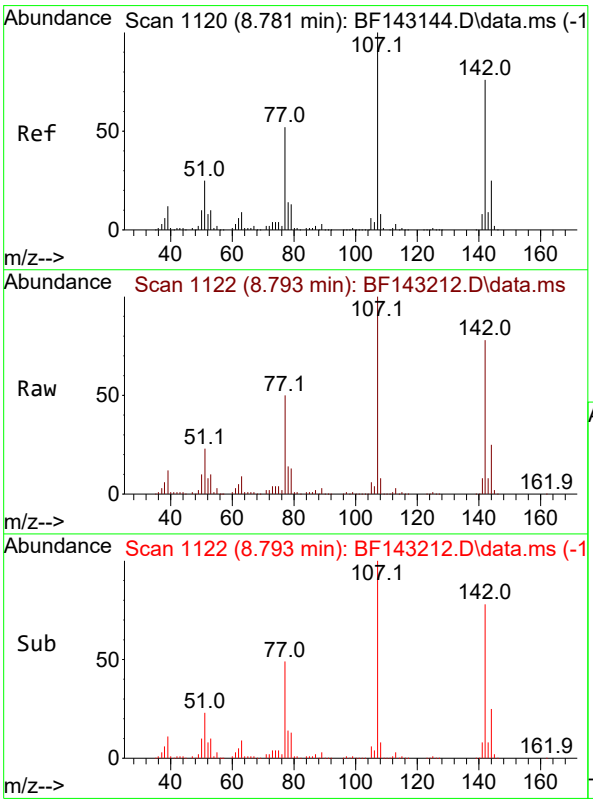
Ion	Ratio	Lower	Upper
113	100		
55	197.0	174.0	214.0
56	150.8	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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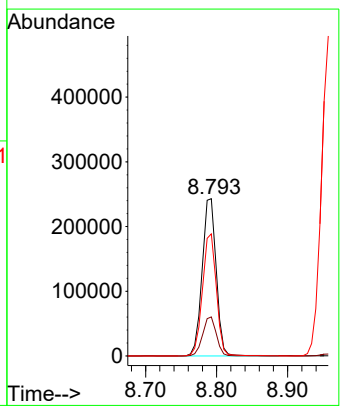
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

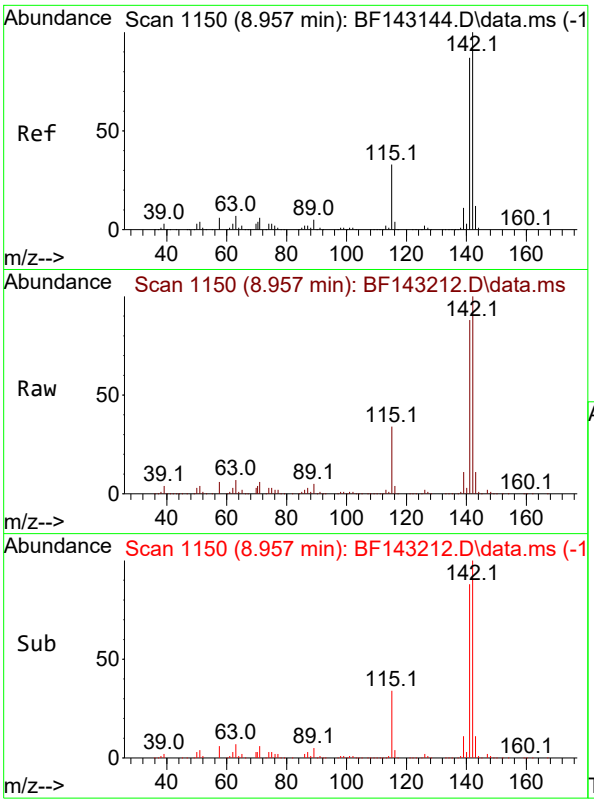


#36
4-Chloro-3-methylphenol
Concen: 44.529 ng
RT: 8.793 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 335805

Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	77.7	60.6	90.8





#37
2-Methylnaphthalene
Concen: 42.782 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

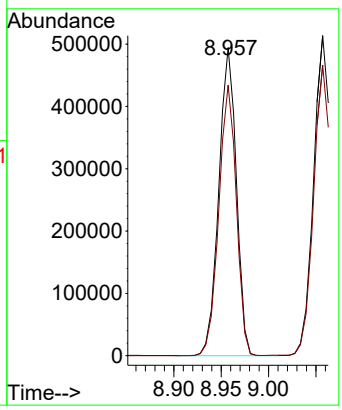
Tgt Ion:142 Resp: 63750

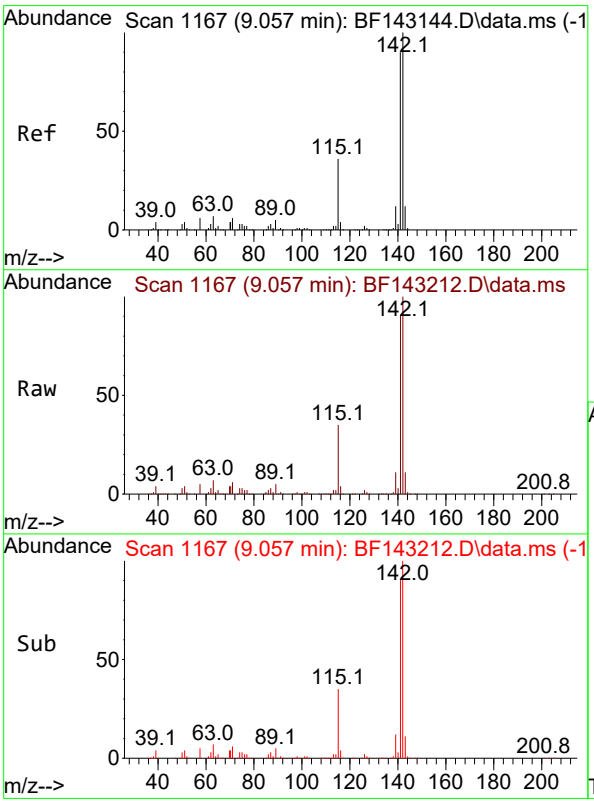
Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

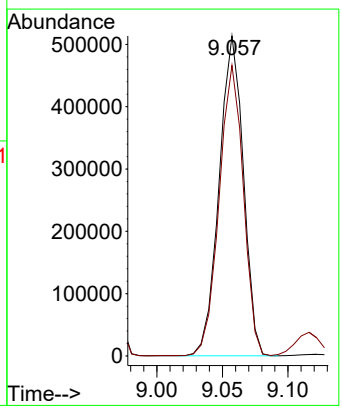


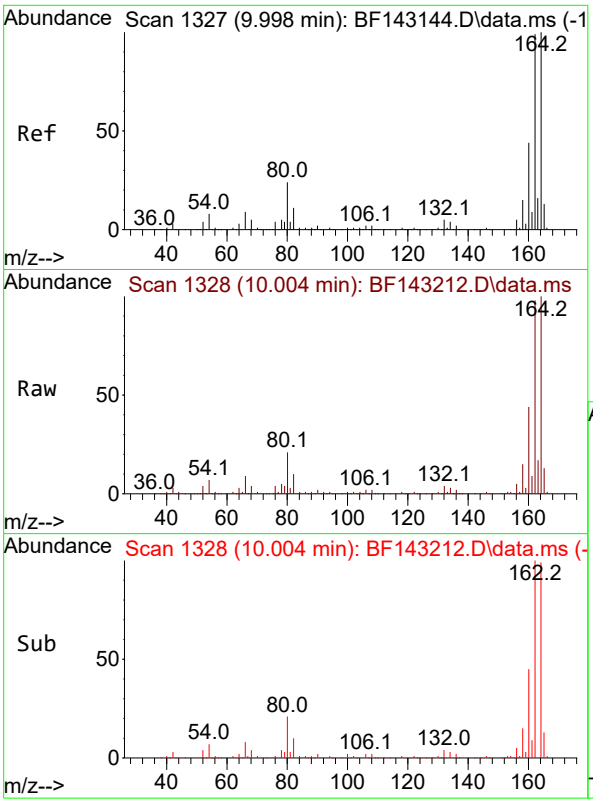


#38
1-Methylnaphthalene
Concen: 42.971 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:142 Resp: 659370

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5

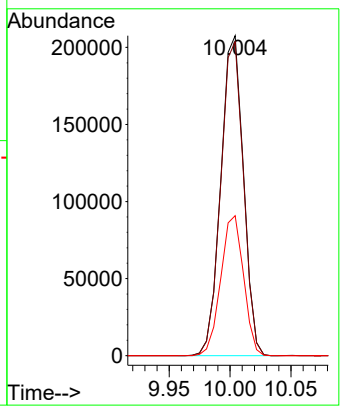




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:164 Resp: 26904

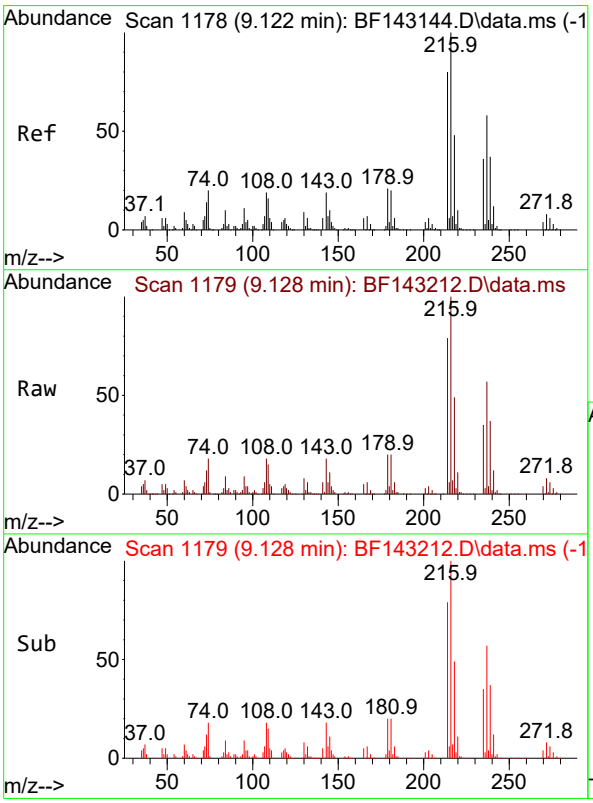
Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.0	118.6
160	43.7	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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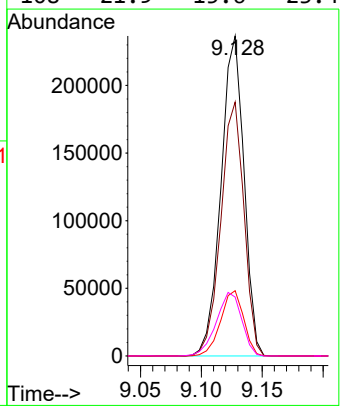
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

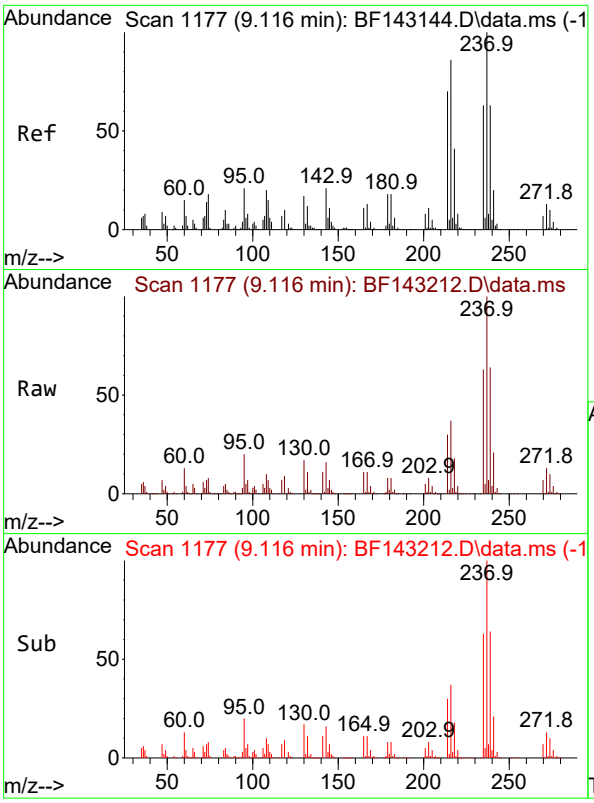


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.025 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:216 Resp: 310898

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	20.5	16.4	24.6
108	21.9	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 85.897 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

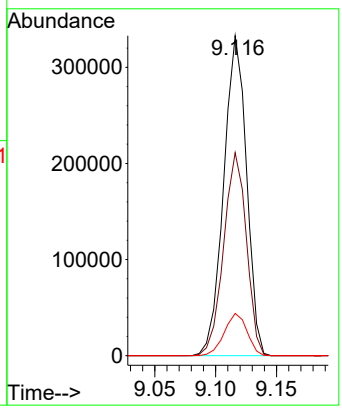
Instrument :
BNA_F
ClientSampleId :
PB168929BS

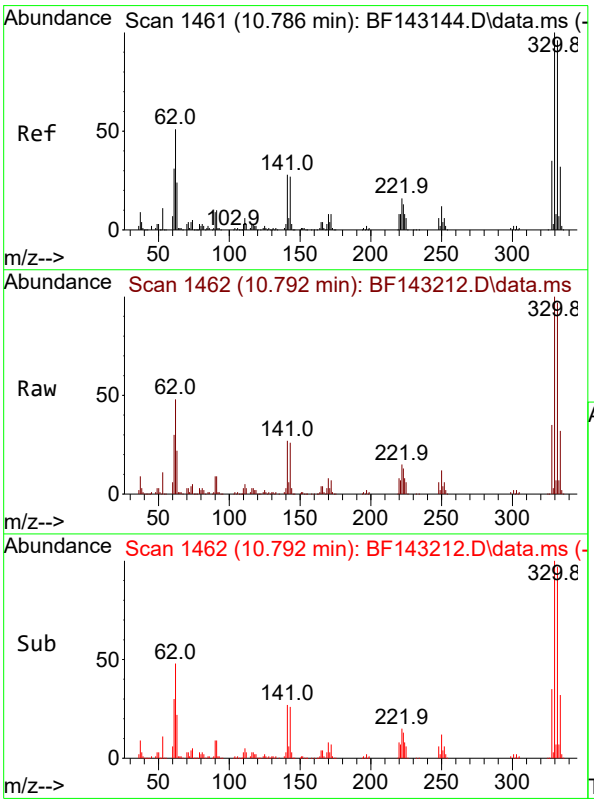
Tgt Ion:237 Resp: 43413

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.0	83.0
272	13.2	0.0	33.3

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

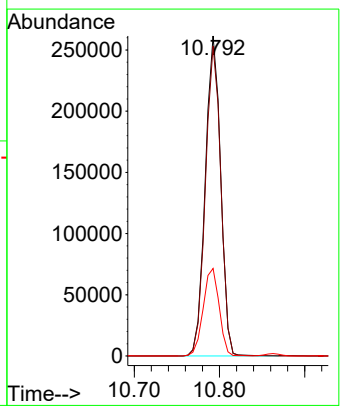


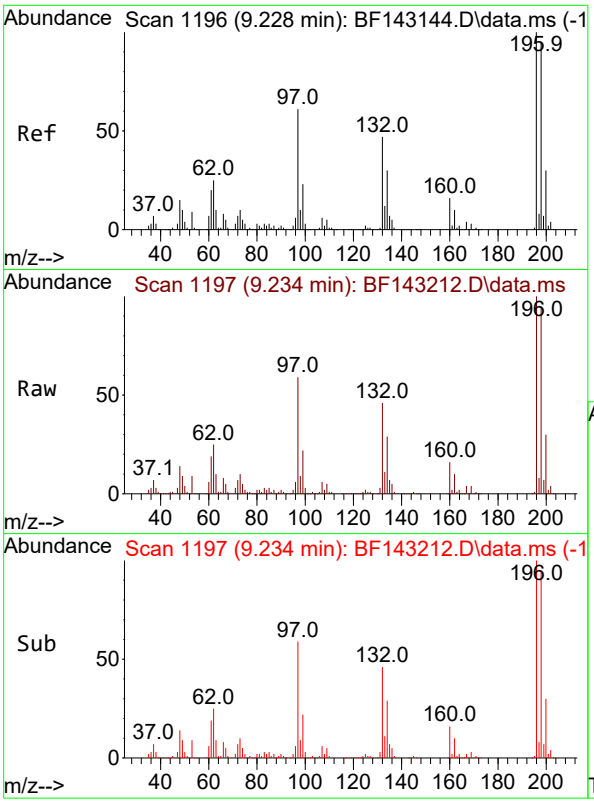


#42
2,4,6-Tribromophenol
Concen: 117.949 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:330 Resp: 327822

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	28.3	23.3	34.9

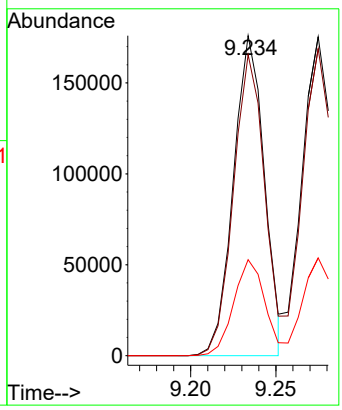




#43
2,4,6-Trichlorophenol
Concen: 41.386 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:196 Resp: 22248

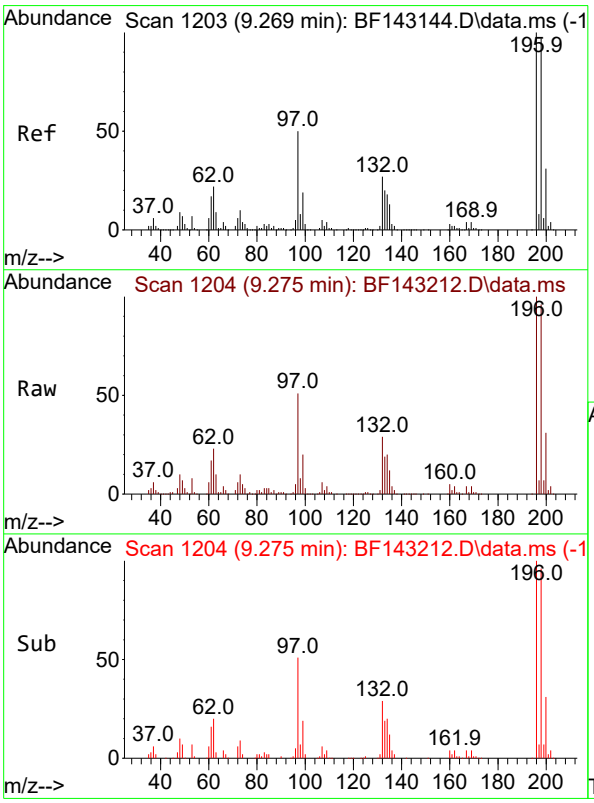
Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.2	114.2
200	30.0	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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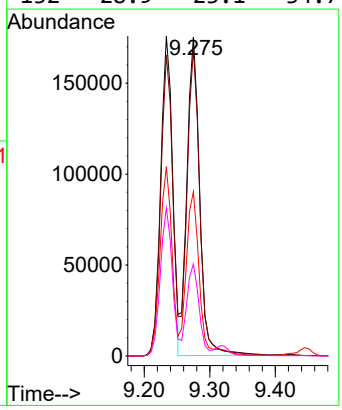
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

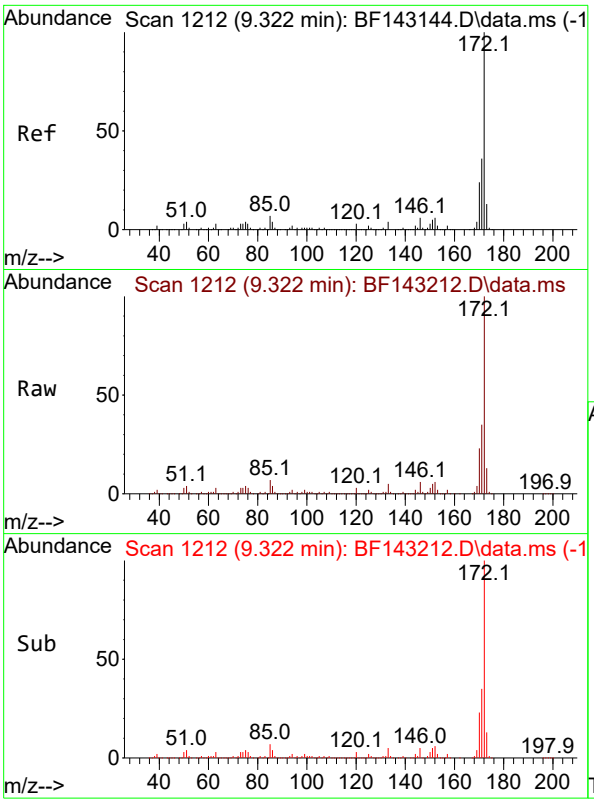


#44
2,4,5-Trichlorophenol
Concen: 43.991 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:196 Resp: 236559

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.3	115.9
97	51.5	40.3	60.5
132	28.9	23.1	34.7

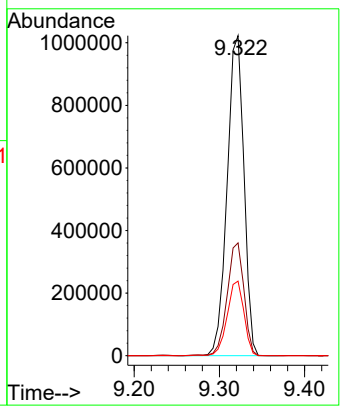




#45
2-Fluorobiphenyl
Concen: 71.040 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:172 Resp: 139751

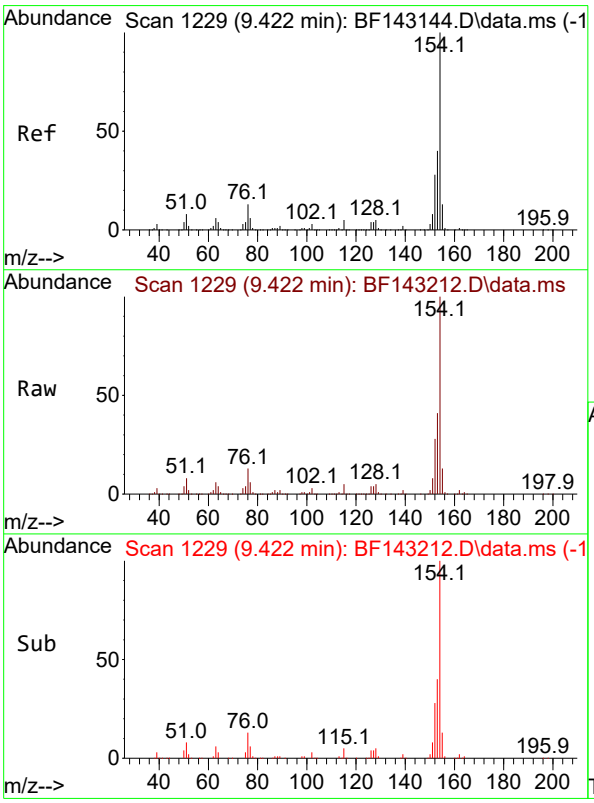
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.3	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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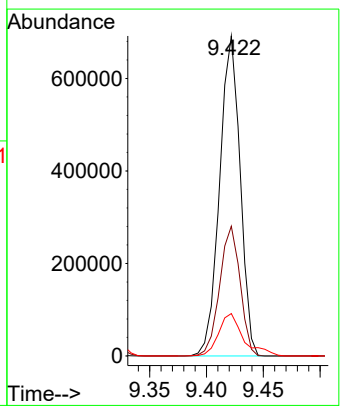
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

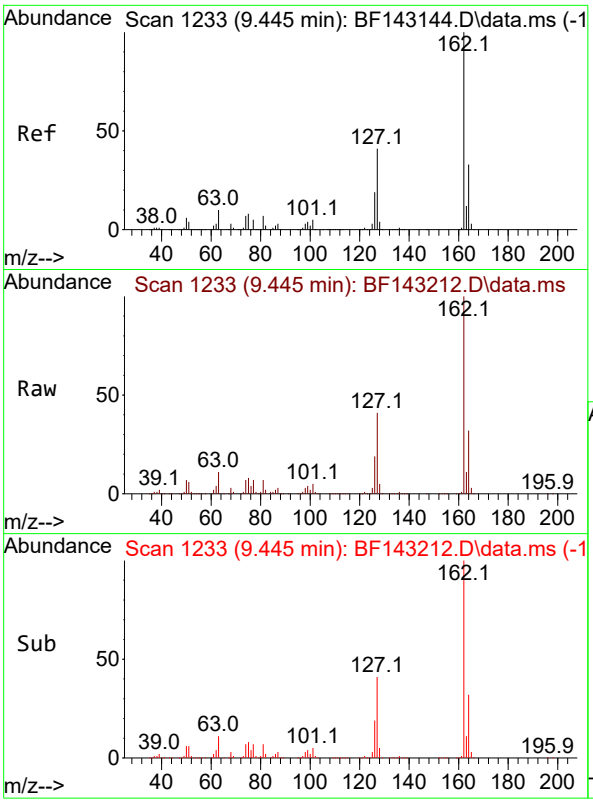


#46
1,1'-Biphenyl
Concen: 41.488 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:154 Resp: 870859

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.2	0.0	33.3





#47
2-Chloronaphthalene
Concen: 41.468 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

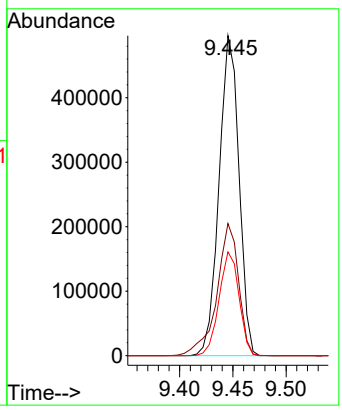
Tgt Ion:162 Resp: 64405

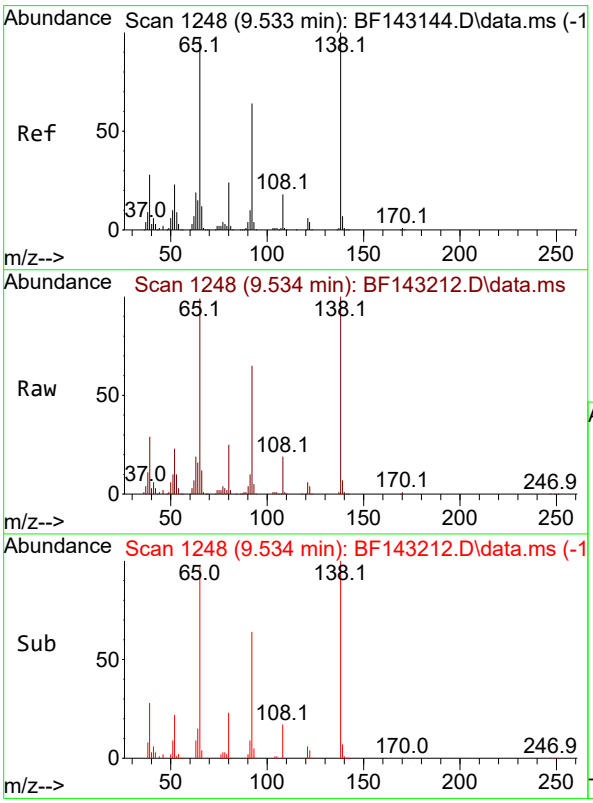
Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	32.4	26.2	39.2

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

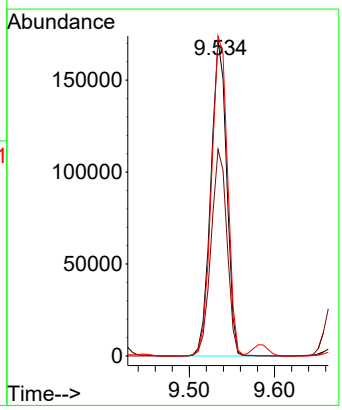


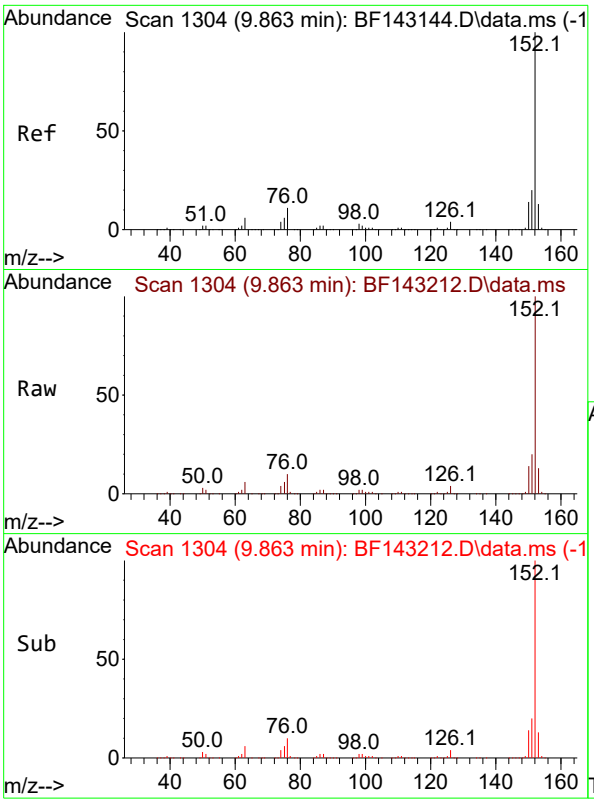


#48
2-Nitroaniline
Concen: 45.611 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 65 Resp: 222155

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.4	78.6
138	101.4	82.3	123.5

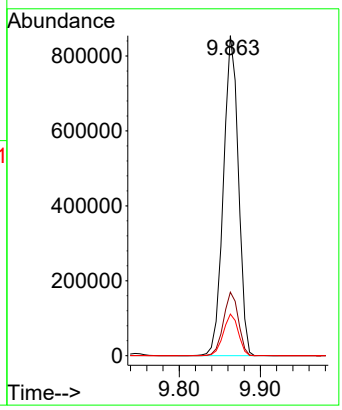




#49
Acenaphthylene
Concen: 42.174 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:152 Resp: 109773

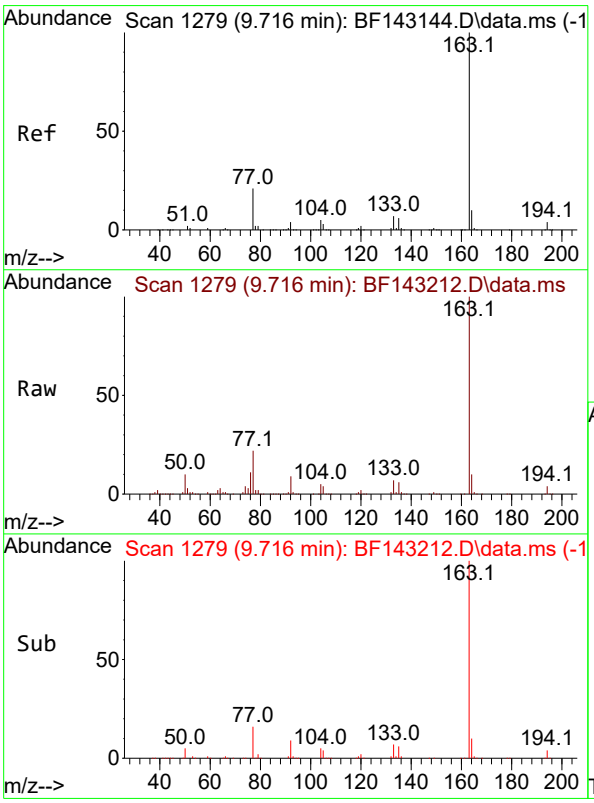
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.0	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

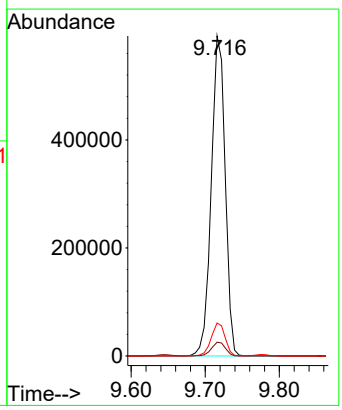
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

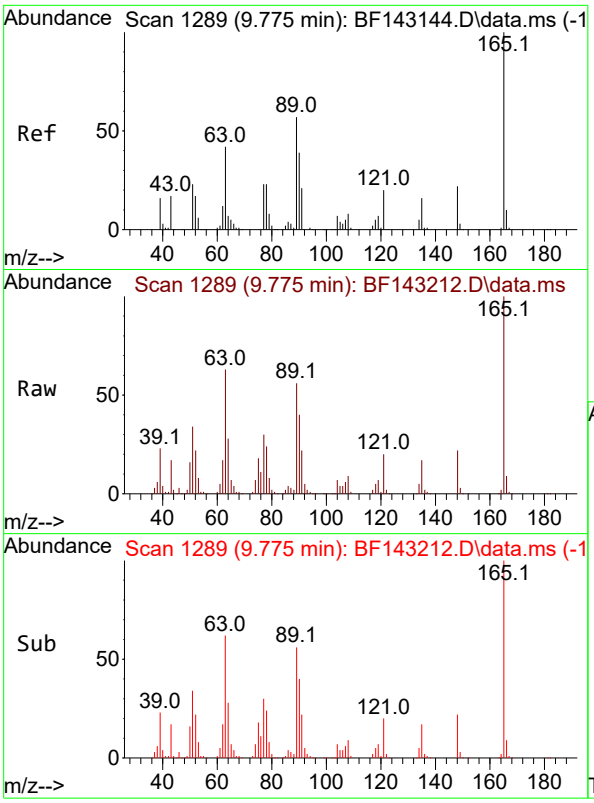


#50
Dimethylphthalate
Concen: 44.055 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:163 Resp: 772585

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 47.813 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

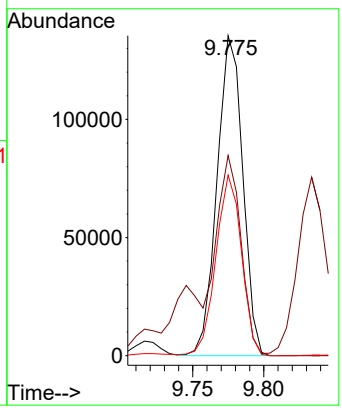
Tgt Ion:165 Resp: 17057

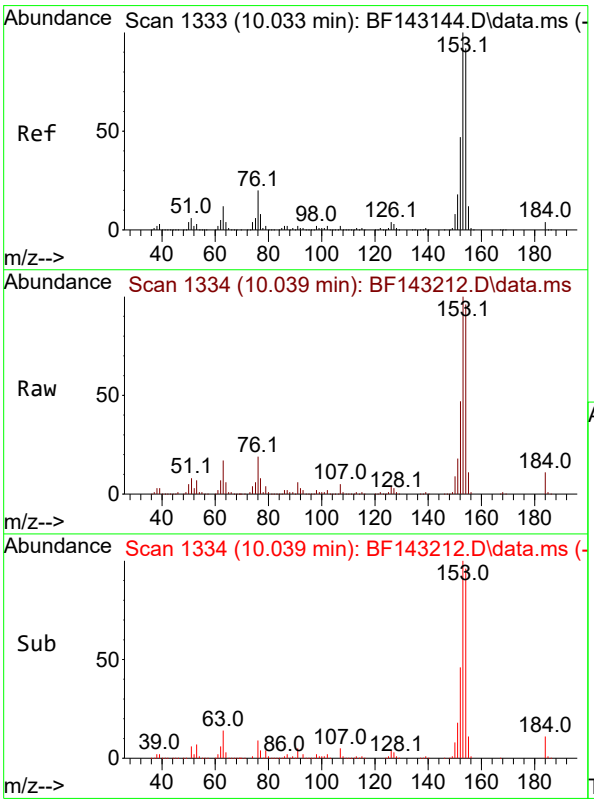
Ion	Ratio	Lower	Upper
165	100		
63	62.6	49.4	74.2
89	56.4	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

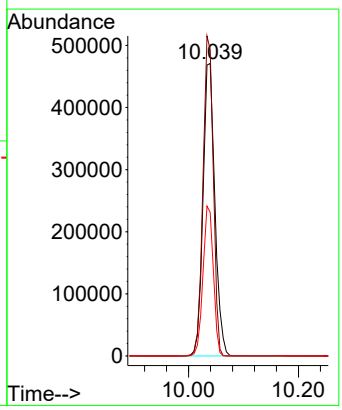


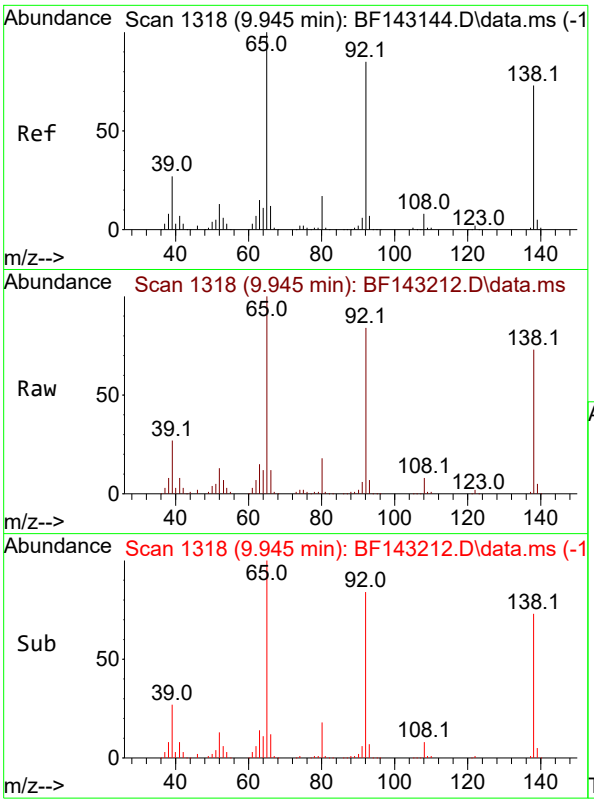


#52
Acenaphthene
Concen: 45.734 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:154 Resp: 703577

Ion	Ratio	Lower	Upper
154	100		
153	104.7	86.6	129.8
152	49.1	40.4	60.6





#53
3-Nitroaniline
Concen: 30.278 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

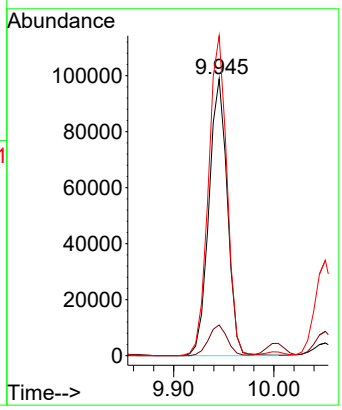
Tgt Ion:138 Resp: 12634

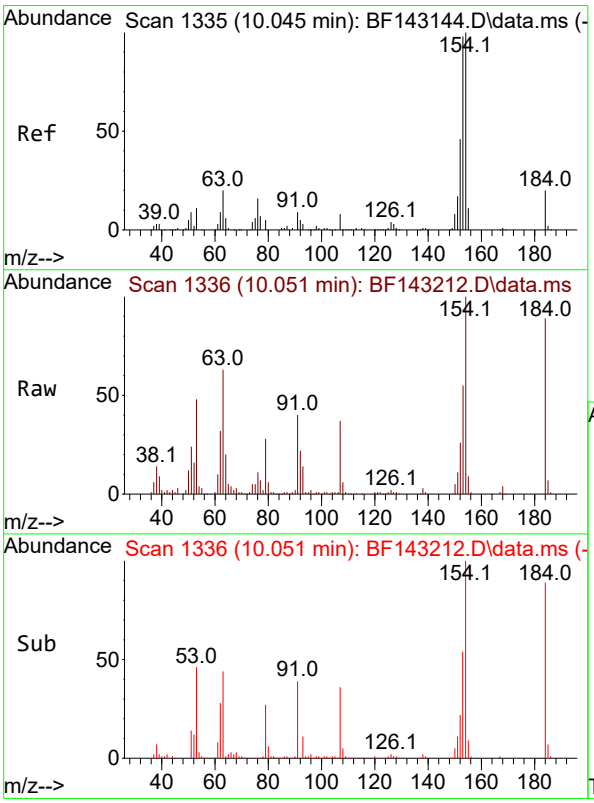
Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	115.6	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

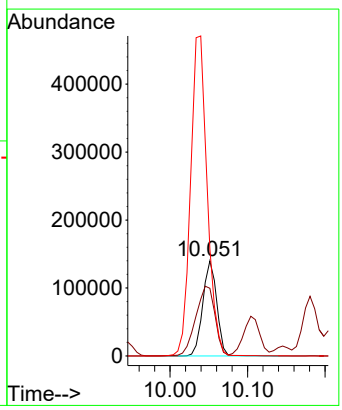


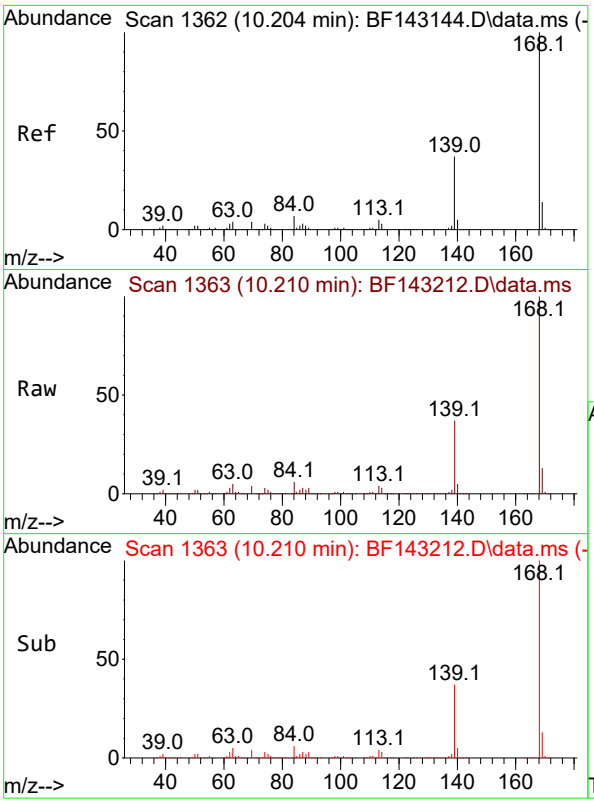


#54
2,4-Dinitrophenol
Concen: 106.394 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:184 Resp: 175905

Ion	Ratio	Lower	Upper
184	100		
63	71.2	81.8	122.6#
154	112.9	412.2	618.4#





#55
Dibenzofuran
Concen: 41.458 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

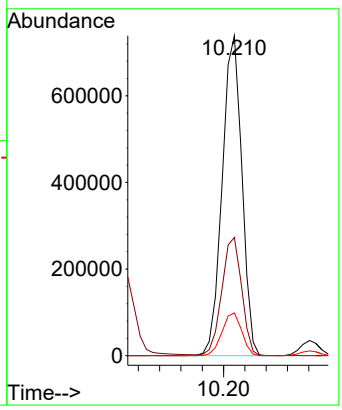
Tgt Ion:168 Resp: 94692

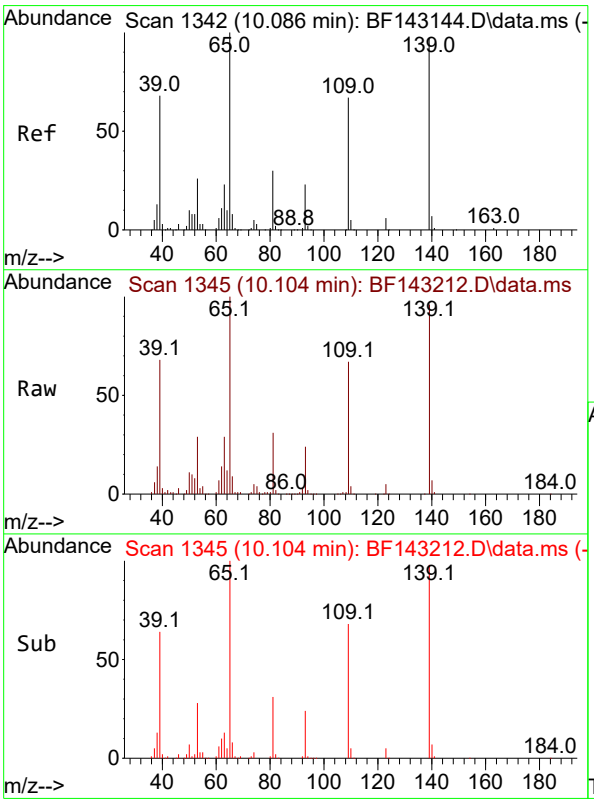
Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.5	44.3
169	13.4	10.9	16.3

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

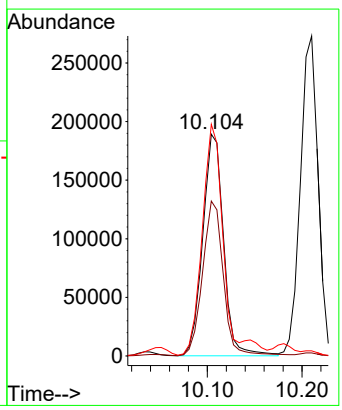


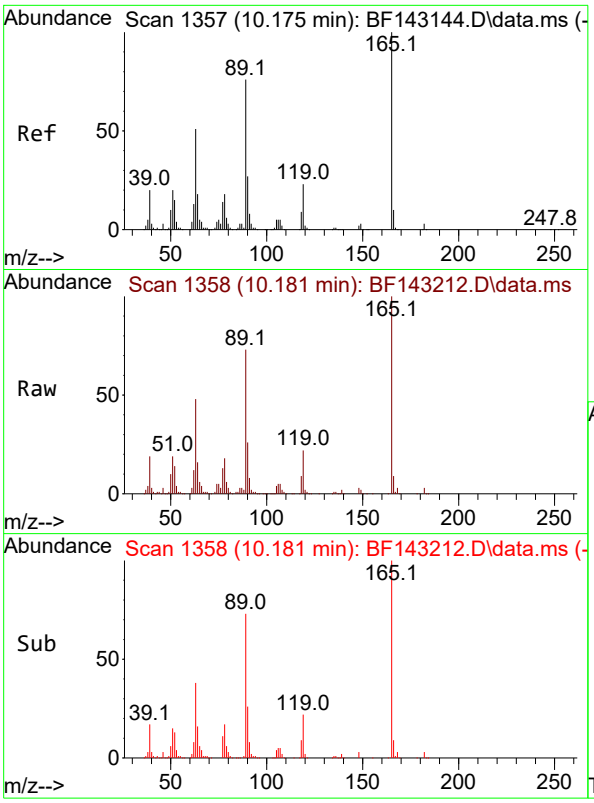


#56
4-Nitrophenol
Concen: 92.622 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:139 Resp: 288611

Ion	Ratio	Lower	Upper
139	100		
109	69.8	48.5	88.5
65	104.5	83.4	123.4

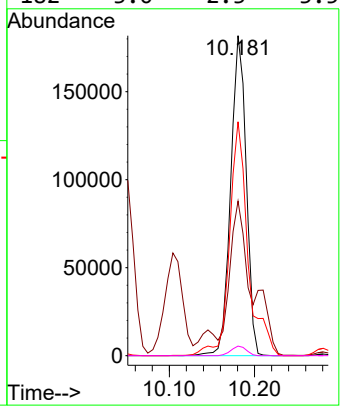




#57
2,4-Dinitrotoluene
Concen: 51.396 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:165 Resp: 23003

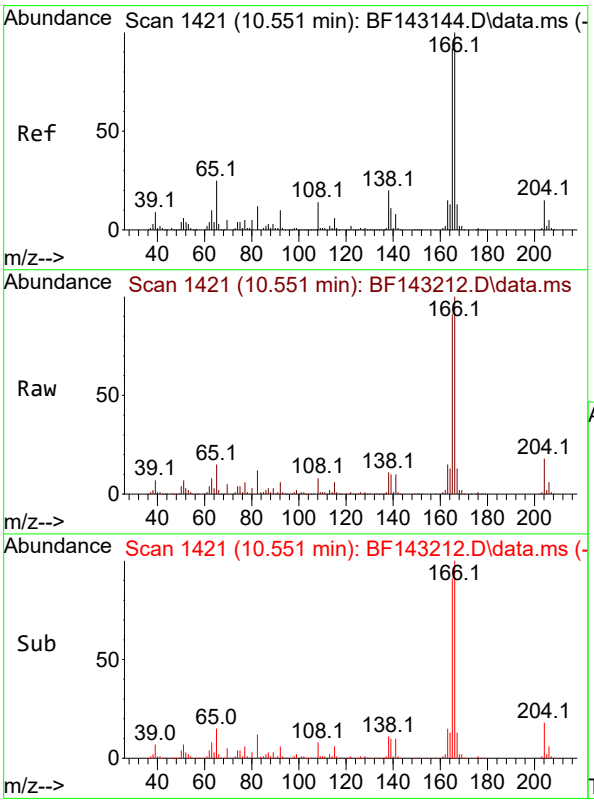
Ion	Ratio	Lower	Upper
165	100		
63	48.3	41.0	61.4
89	73.1	61.1	91.7
182	3.0	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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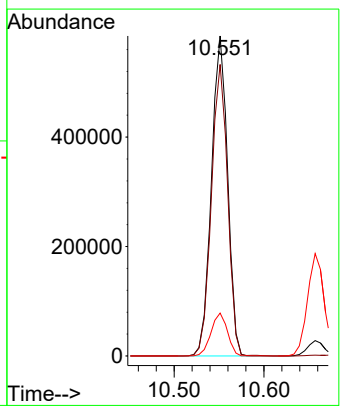
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

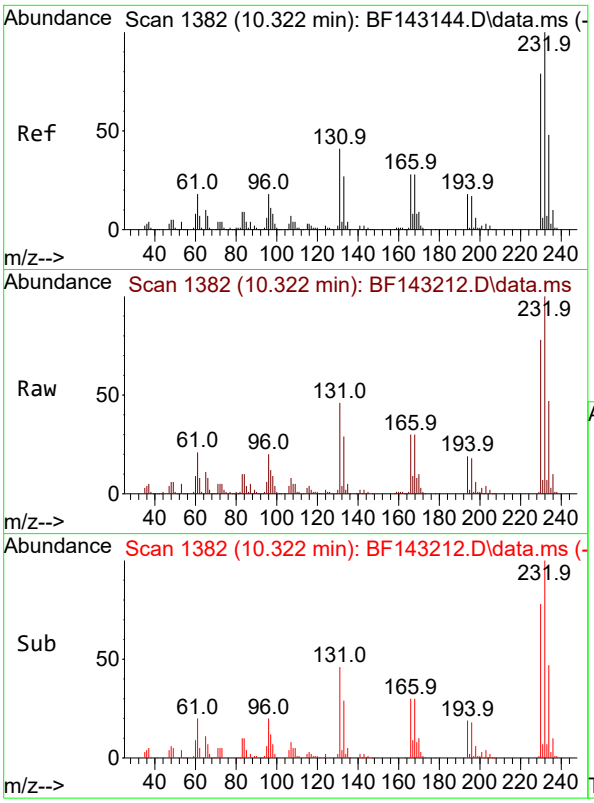


#58
Fluorene
Concen: 42.663 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:166 Resp: 731345

Ion	Ratio	Lower	Upper
166	100		
165	91.1	73.7	110.5
167	13.4	10.6	16.0

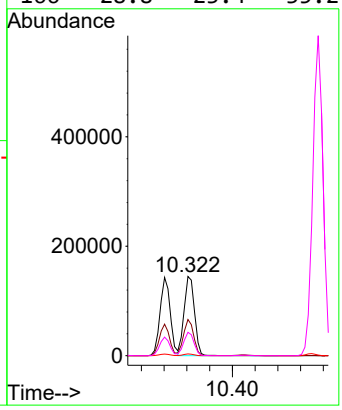




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.271 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:232 Resp: 18383

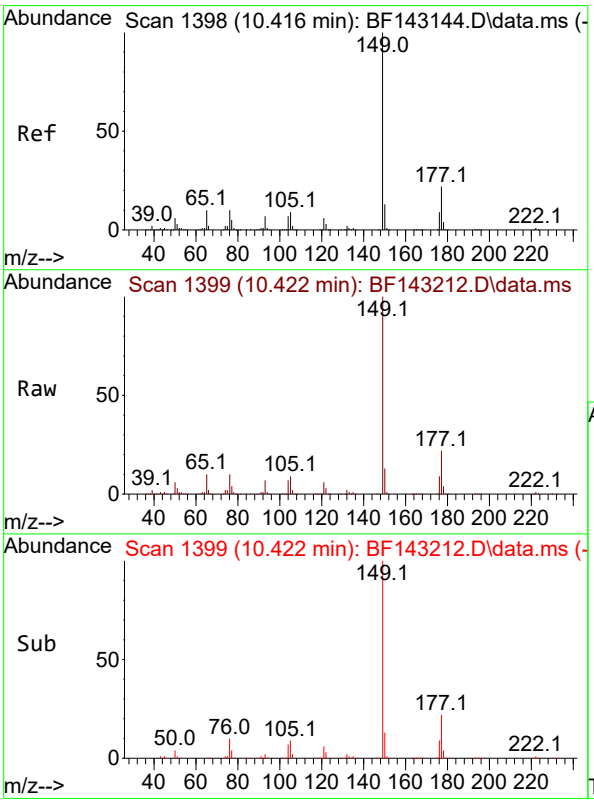
Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.3	52.9
130	2.1	1.7	2.5
166	28.8	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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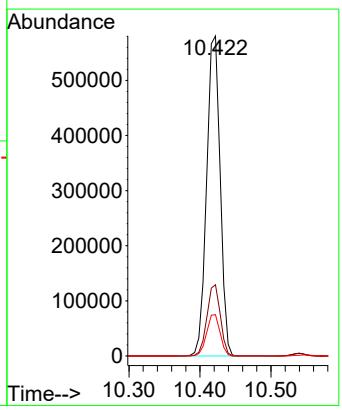
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

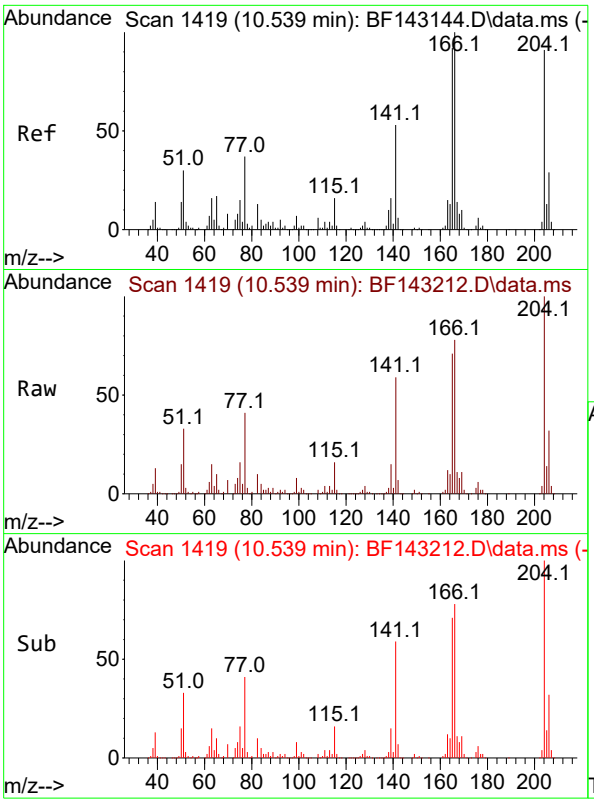


#60
Diethylphthalate
Concen: 44.467 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 770778

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.5	26.3
150	12.9	10.2	15.2

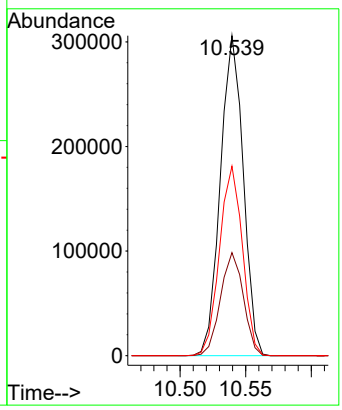




#61
4-Chlorophenyl-phenylether
Concen: 43.401 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:204 Resp: 37045

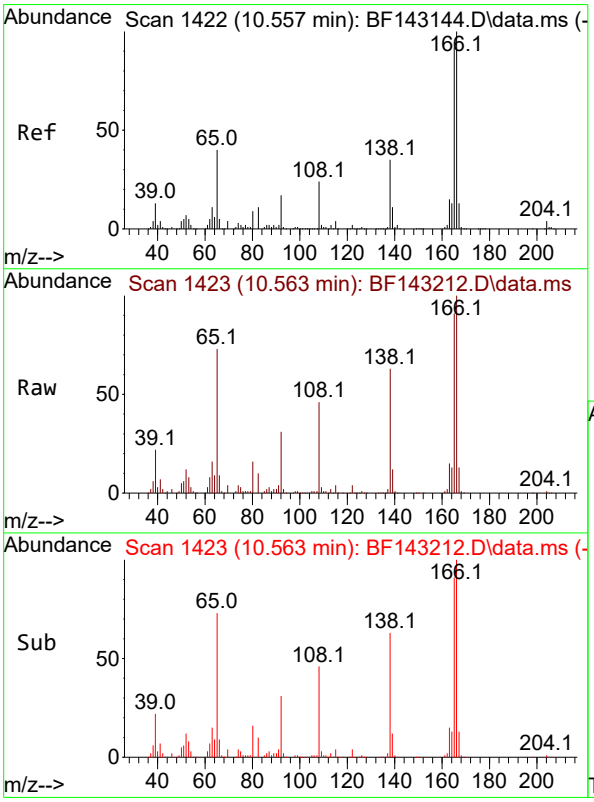
Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.8
141	59.2	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

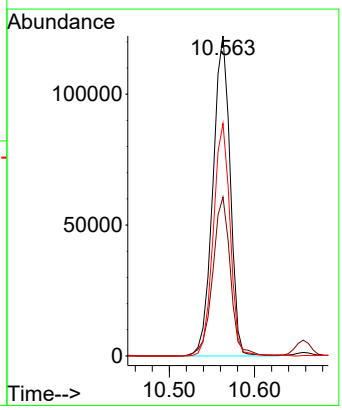
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

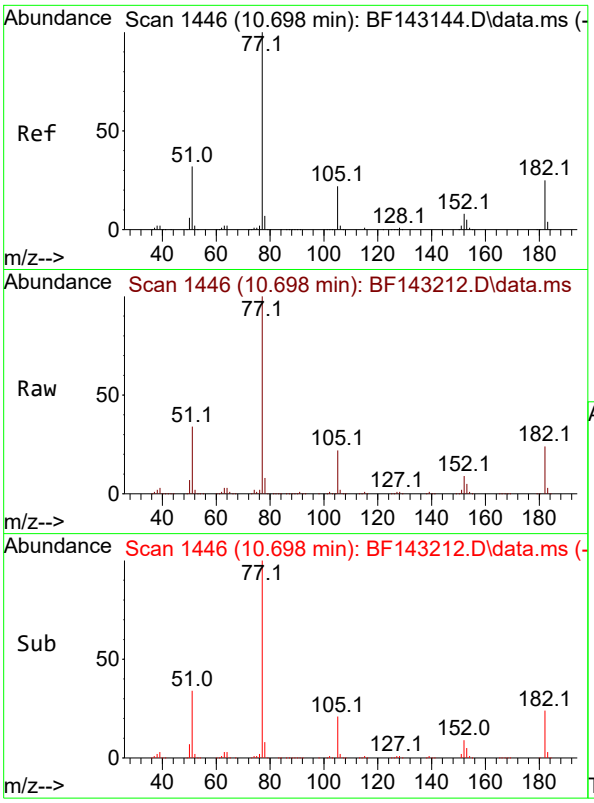


#62
4-Nitroaniline
Concen: 48.165 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:138 Resp: 172252

Ion	Ratio	Lower	Upper
138	100		
92	49.6	29.3	69.3
108	72.6	48.3	88.3





#63
Azobenzene
Concen: 42.462 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

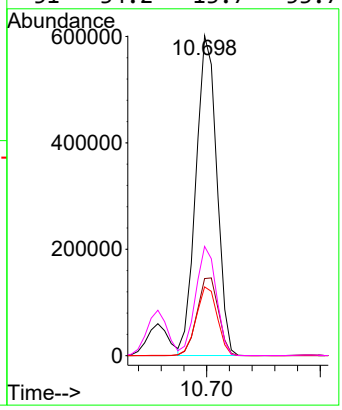
Instrument :
BNA_F
ClientSampleId :
PB168929BS

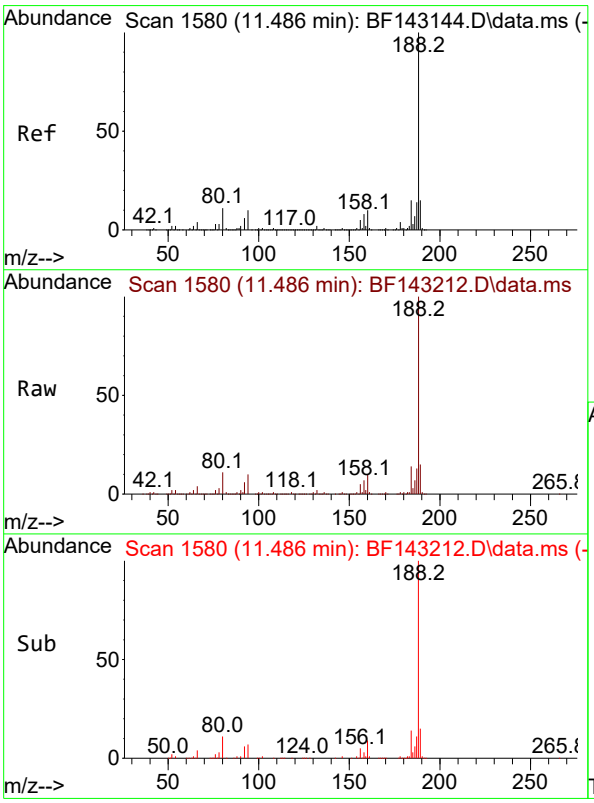
Tgt Ion: 77 Resp: 76709

Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.6	44.6
105	21.5	1.4	41.4
51	34.2	13.7	53.7

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

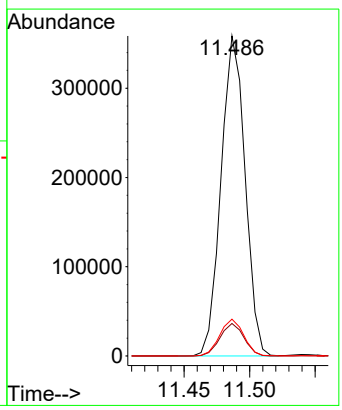


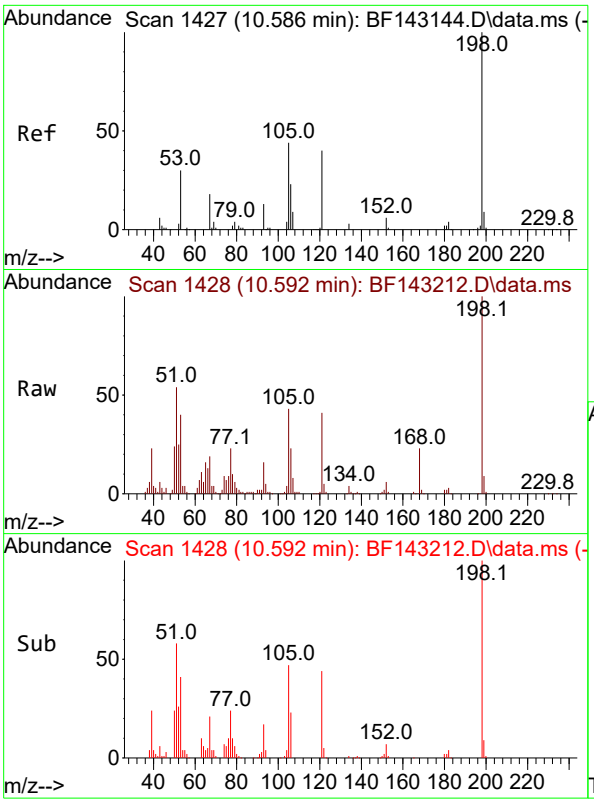


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:188 Resp: 457175

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	11.5	9.0	13.6

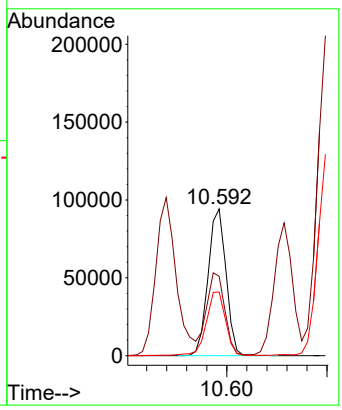




#65
4,6-Dinitro-2-methylphenol
Concen: 48.873 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:198 Resp: 11739

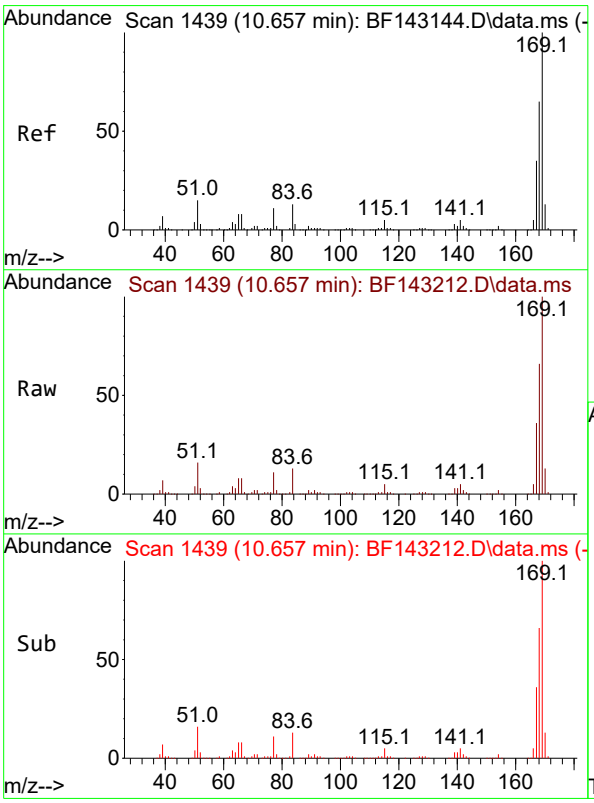
Ion	Ratio	Lower	Upper
198	100		
51	54.1	37.2	77.2
105	43.4	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

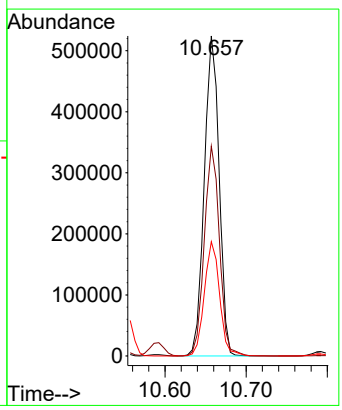
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

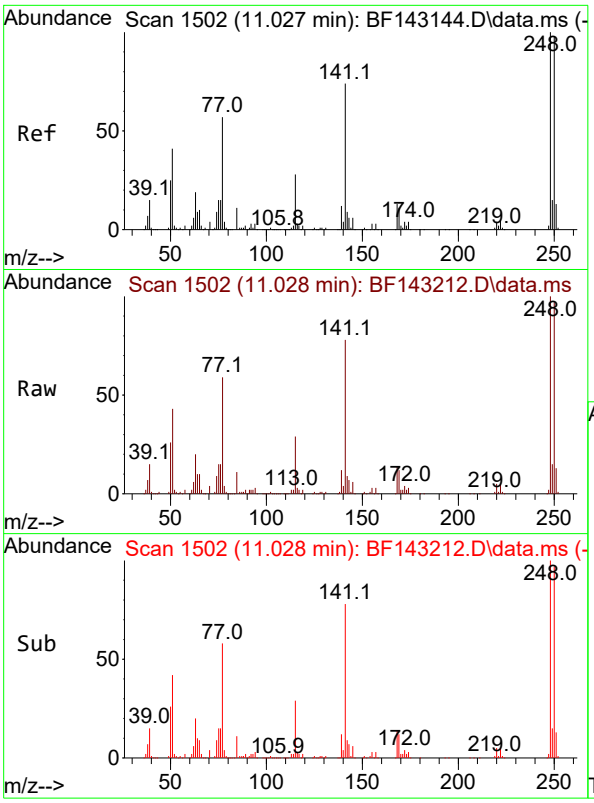


#66
n-Nitrosodiphenylamine
Concen: 41.243 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:169 Resp: 663950

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.7	28.2	42.2

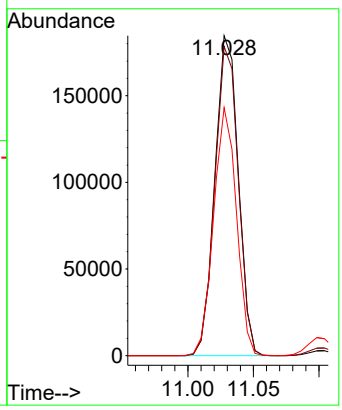




#67
4-Bromophenyl-phenylether
Concen: 42.093 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:248 Resp: 22933

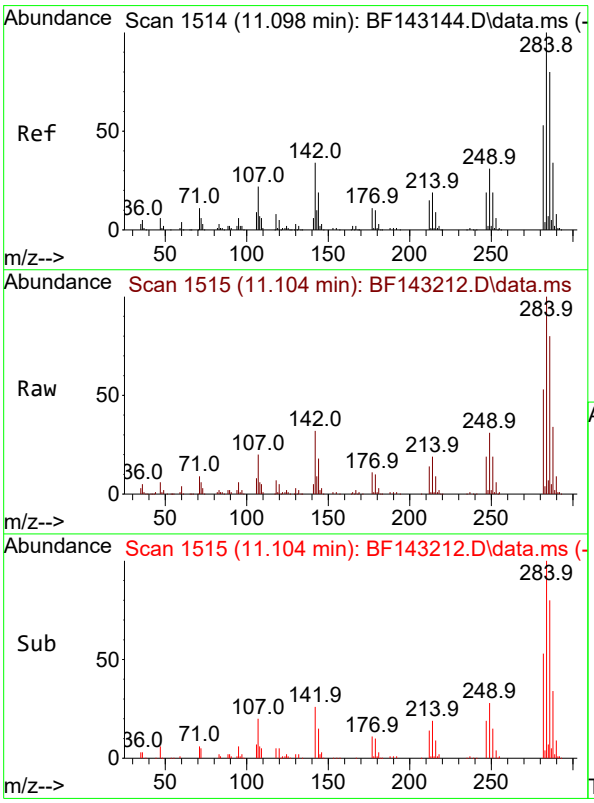
Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.3	117.5
141	77.5	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

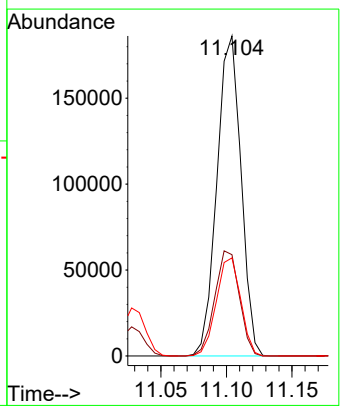
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

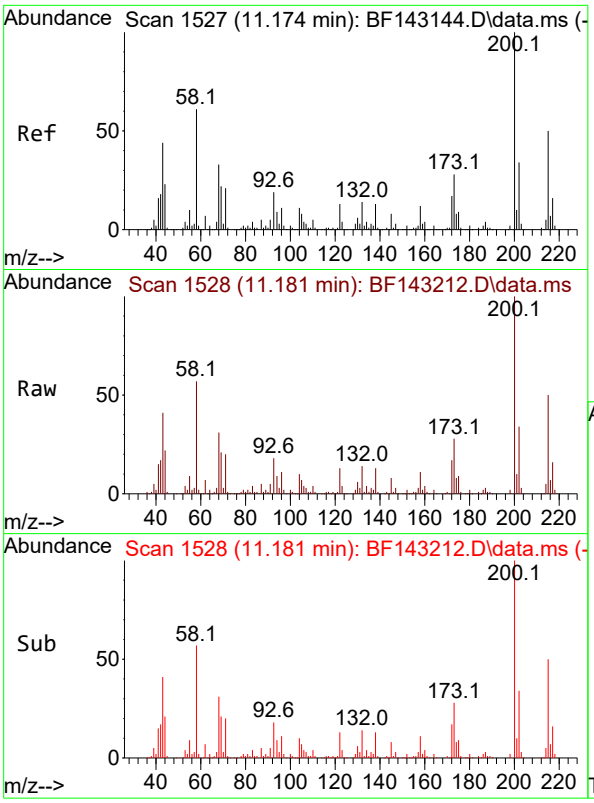


#68
Hexachlorobenzene
Concen: 41.755 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:284 Resp: 237782

Ion	Ratio	Lower	Upper
284	100		
142	31.6	27.0	40.6
249	30.7	25.0	37.6

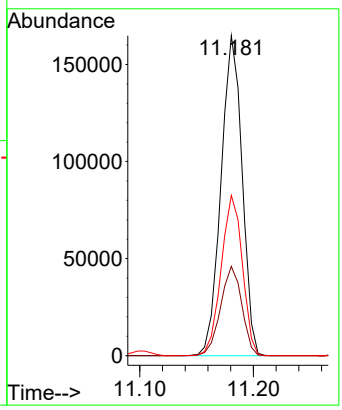




#69
Atrazine
Concen: 47.930 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:200 Resp: 21272

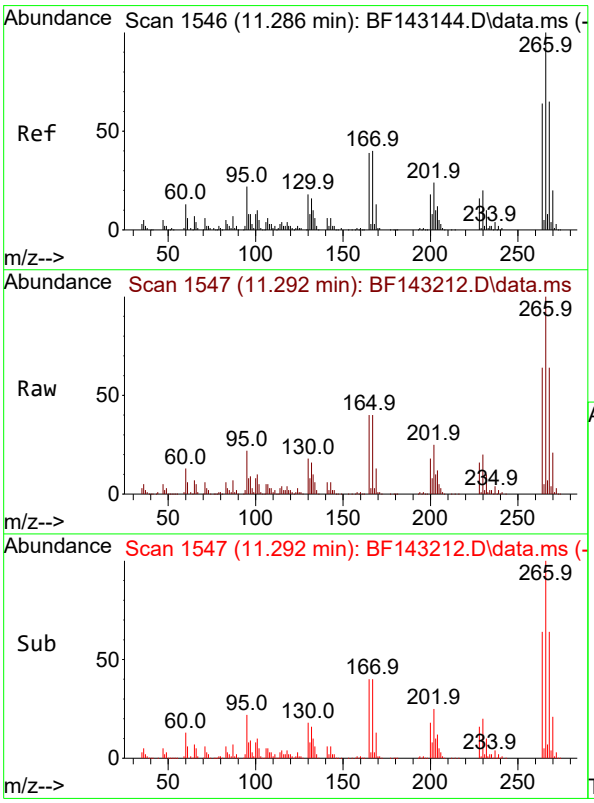
Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.1	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

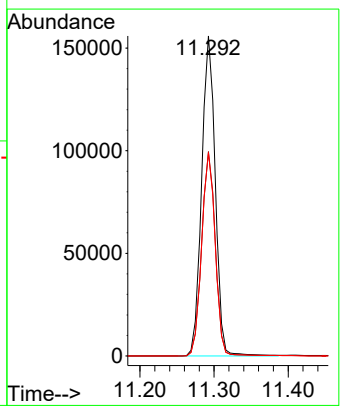
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

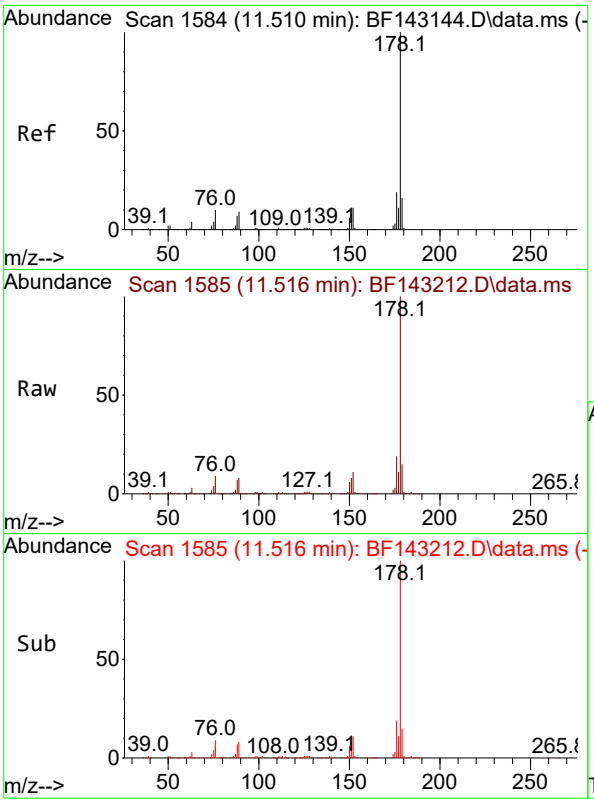


#70
Pentachlorophenol
Concen: 59.697 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:266 Resp: 199919

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.9	77.9
264	63.5	51.0	76.6





#71
Phenanthrene
Concen: 41.750 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

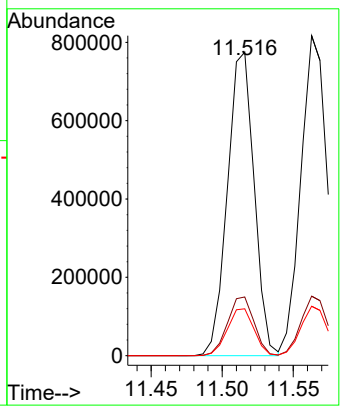
Tgt Ion:178 Resp: 101347

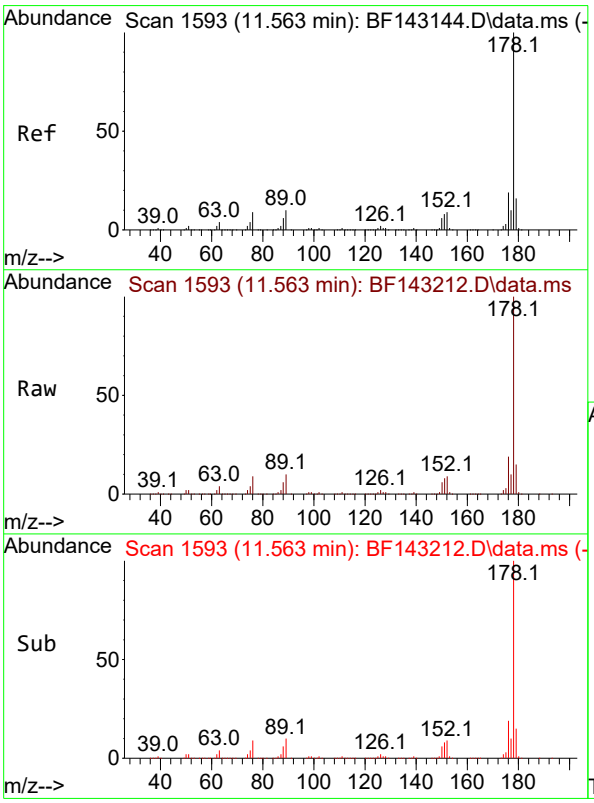
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.5	18.7

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

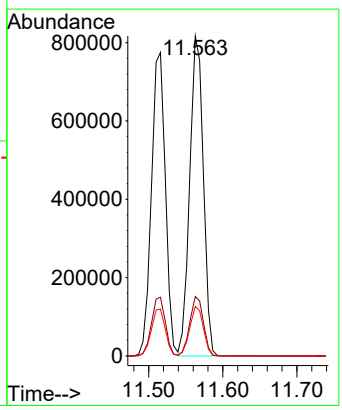


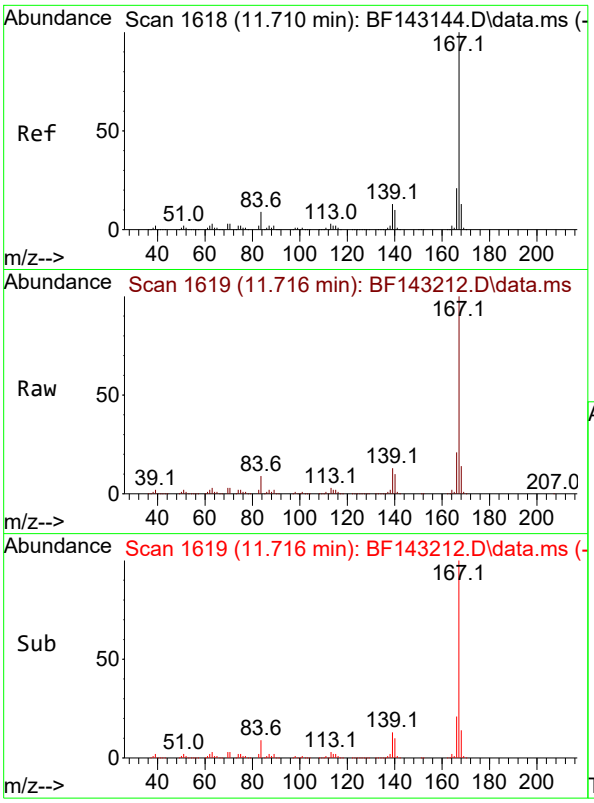


#72
Anthracene
Concen: 42.127 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:178 Resp: 1042962

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.5	18.7

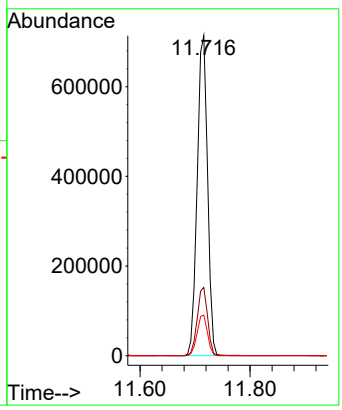




#73
Carbazole
Concen: 43.331 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:167 Resp: 93673

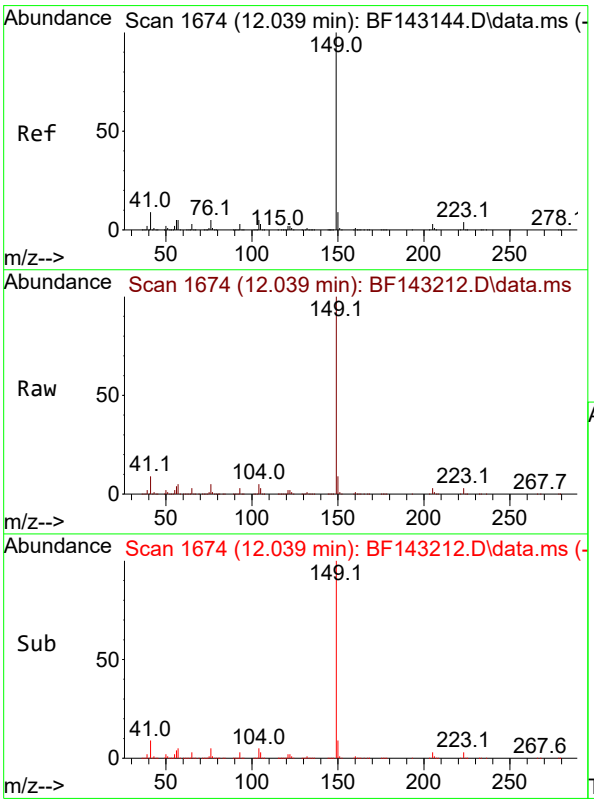
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.7	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

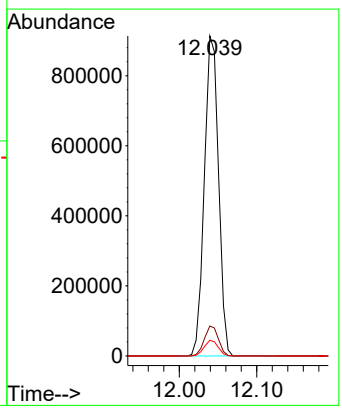
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

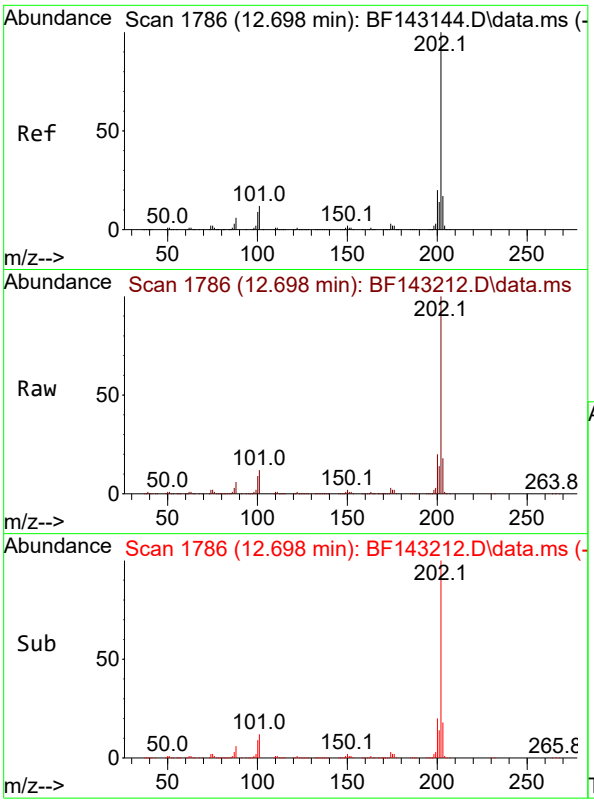


#74
Di-n-butylphthalate
Concen: 47.353 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 1158302

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.9	3.8	5.8

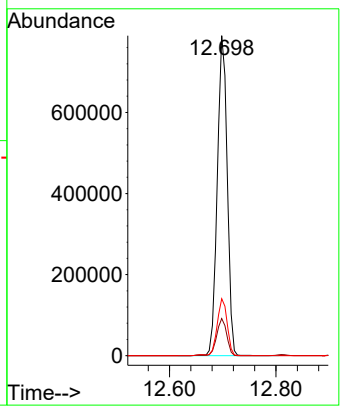




#75
Fluoranthene
Concen: 45.851 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:202 Resp: 102160

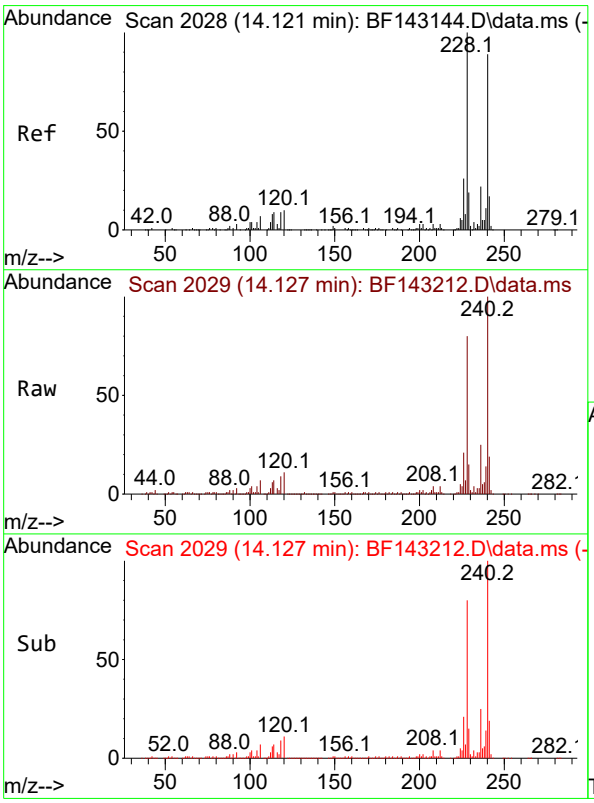
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.8	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

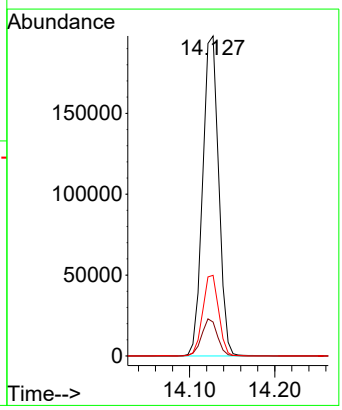
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

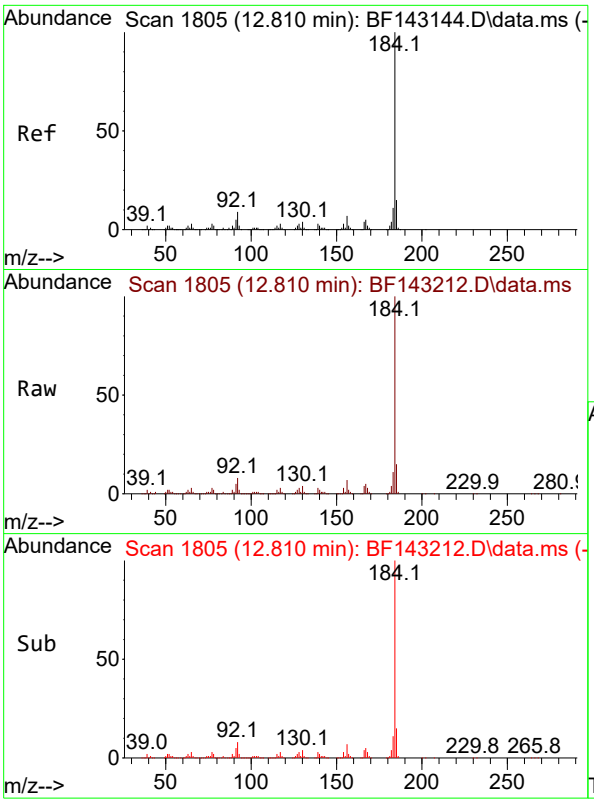


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:240 Resp: 257414

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.4	14.2
236	25.2	20.2	30.4

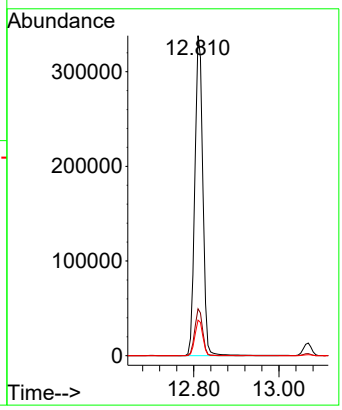




#77
Benzidine
Concen: 44.288 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:184 Resp: 43922

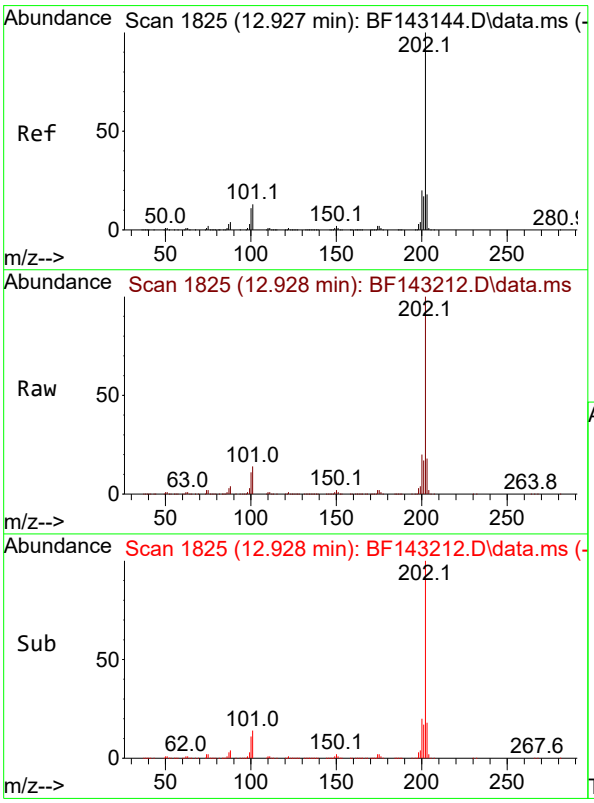
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.4
183	11.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

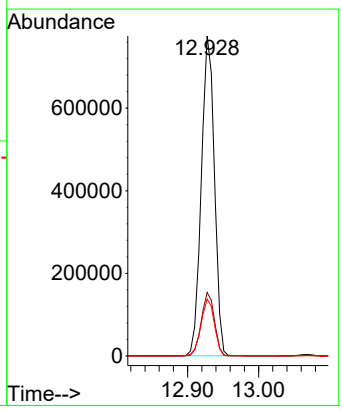
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

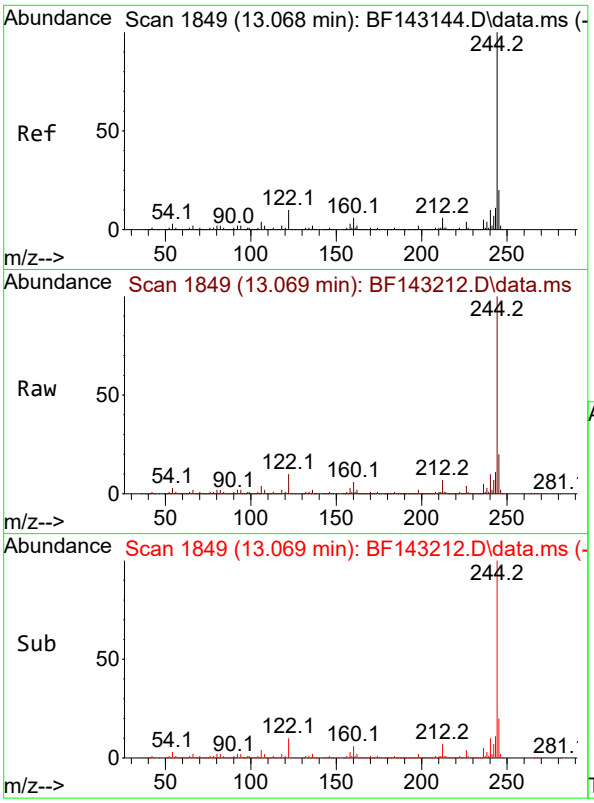


#78
Pyrene
Concen: 45.405 ng
RT: 12.928 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:202 Resp: 997507

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.8	14.2	21.2

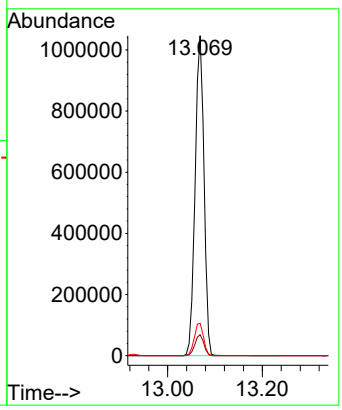




#79
Terphenyl-d14
Concen: 78.664 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:244 Resp: 136073

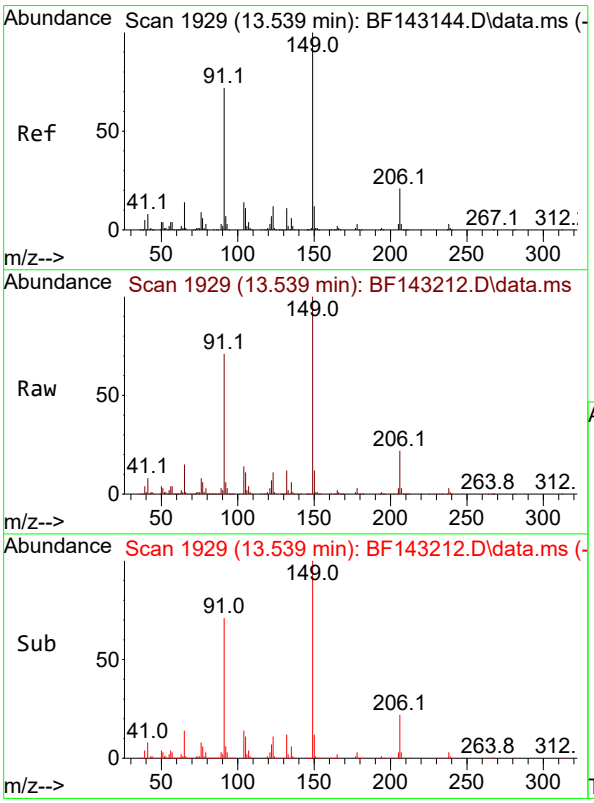
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

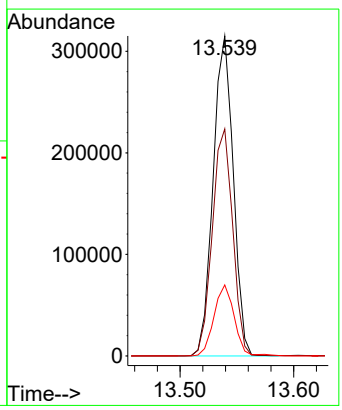
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

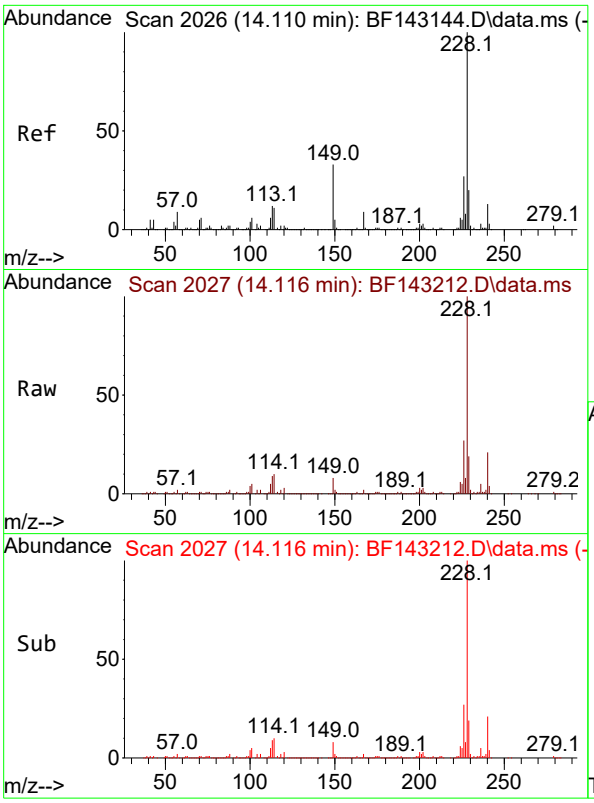


#80
Butylbenzylphthalate
Concen: 57.747 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 388473

Ion	Ratio	Lower	Upper
149	100		
91	71.0	57.9	86.9
206	22.2	17.0	25.4





#81
Benzo(a)anthracene
Concen: 44.609 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

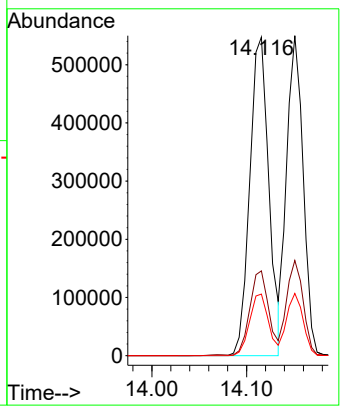
Instrument :
BNA_F
ClientSampleId :
PB168929BS

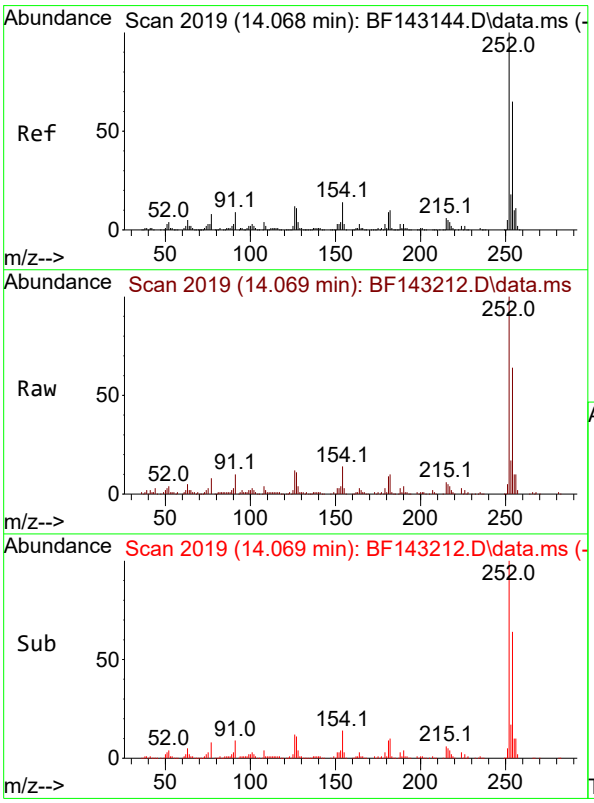
Tgt Ion:228 Resp: 76878

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.4	15.8	23.6

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

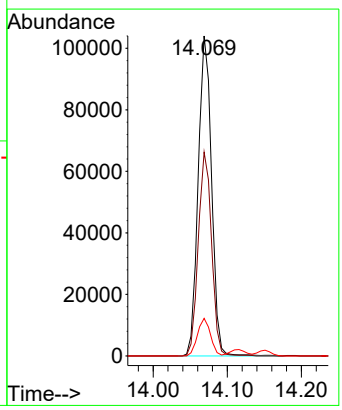


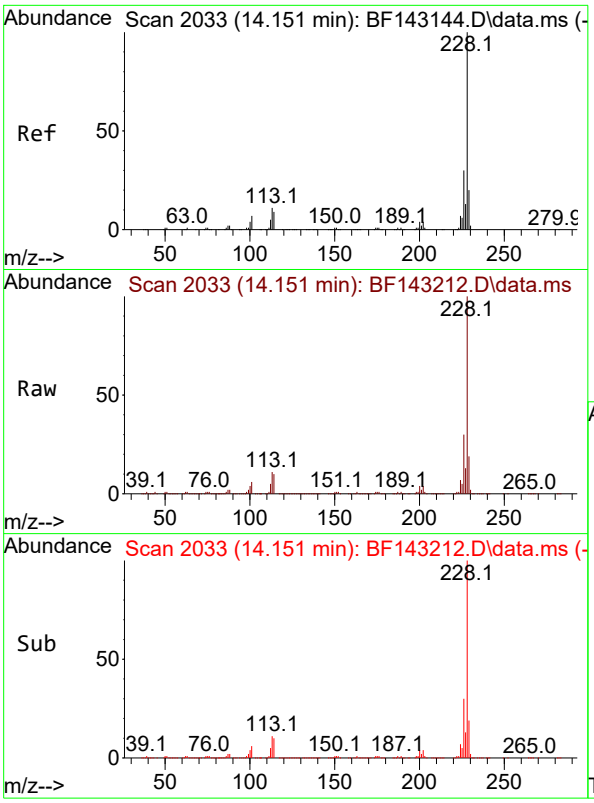


#82
3,3'-Dichlorobenzidine
Concen: 22.706 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 130418

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.7	77.5
126	11.7	9.4	14.0

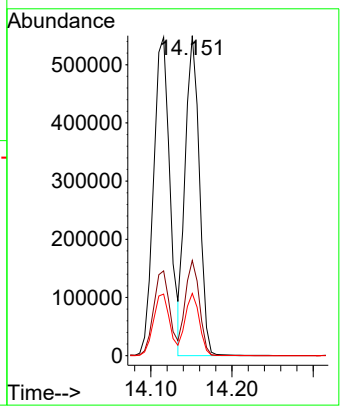




#83
Chrysene
Concen: 43.047 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:228 Resp: 66701

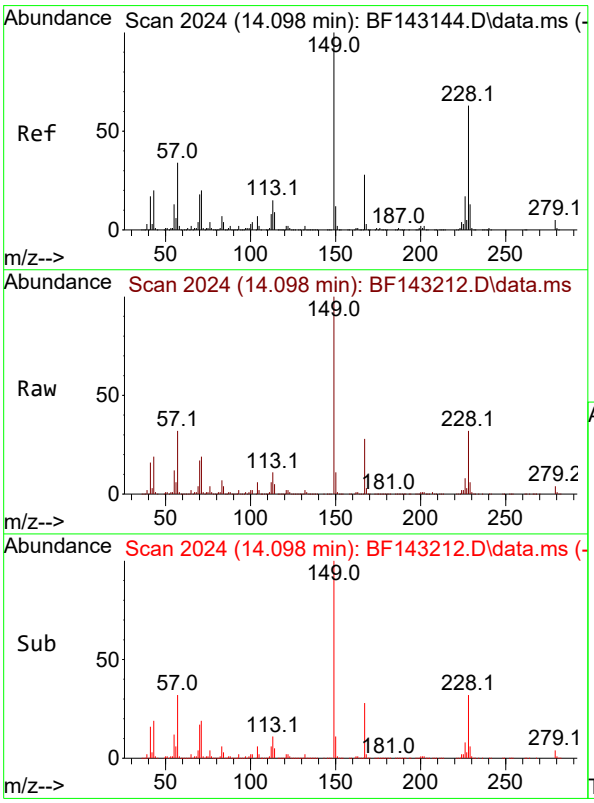
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

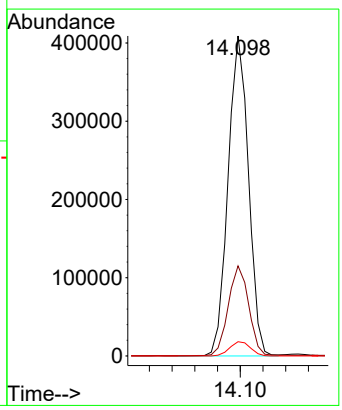
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

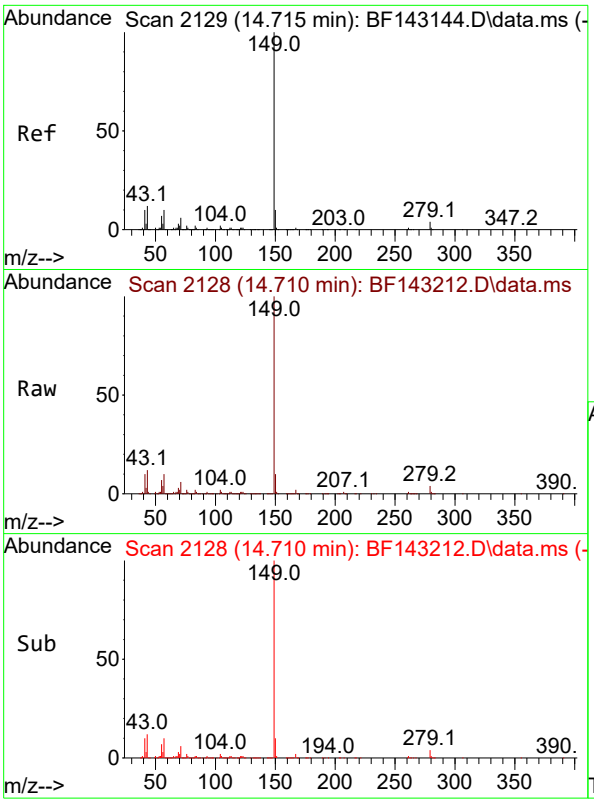


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.052 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 509639

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.5	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 43.453 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

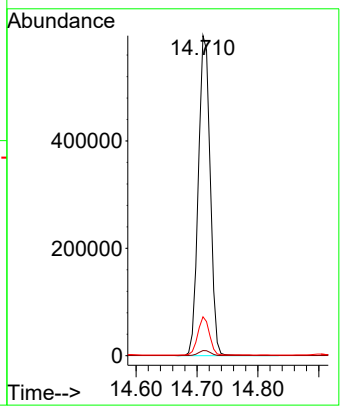
Tgt Ion:149 Resp: 80199

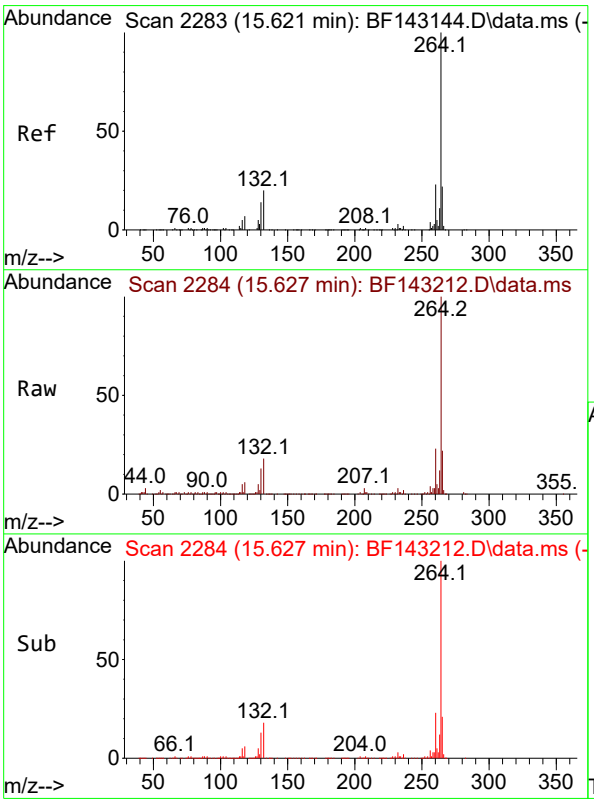
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.8	9.7	14.5

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

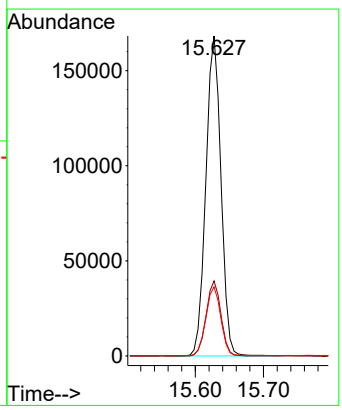


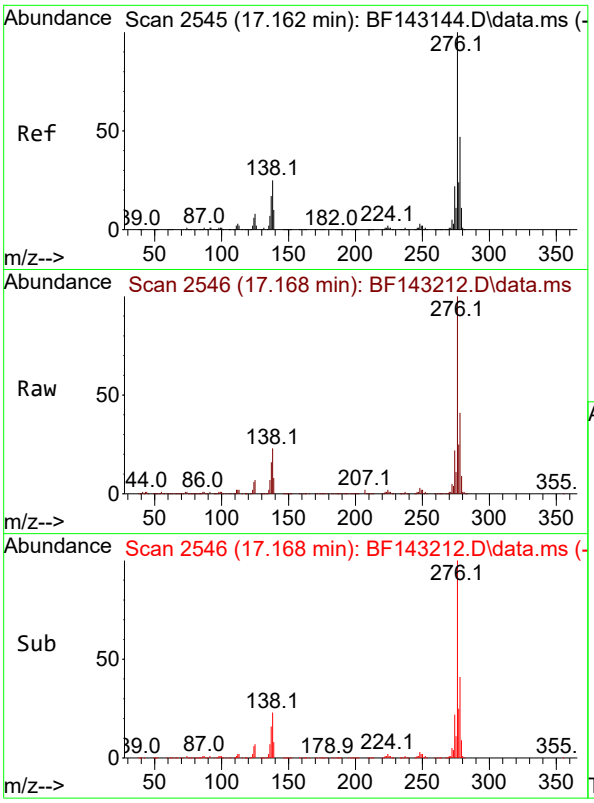


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:264 Resp: 259291

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.6	17.4	26.2

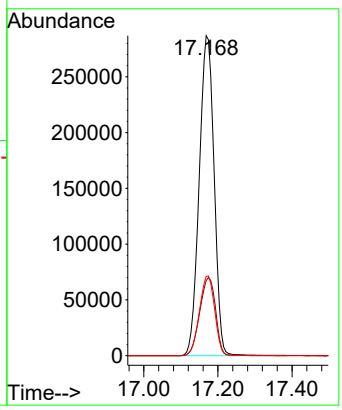




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.816 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:276 Resp: 80111

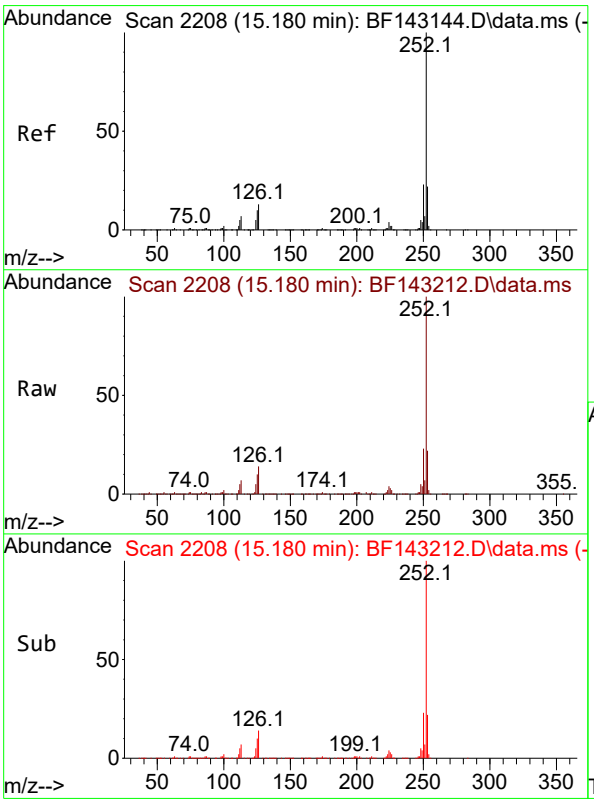
Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.8	32.6
277	25.5	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
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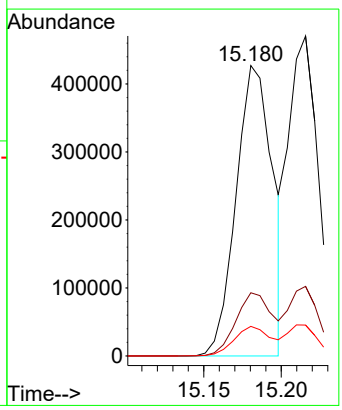
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

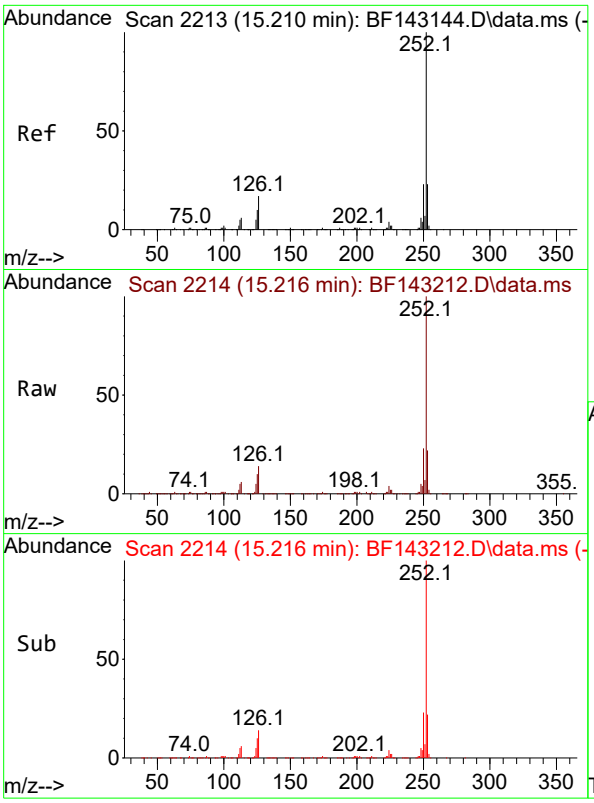


#88
Benzo(b)fluoranthene
Concen: 44.186 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 699919

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.2	8.0	12.0

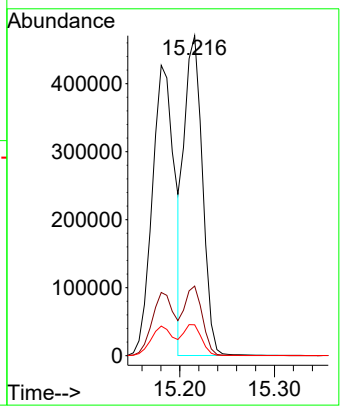




#89
Benzo(k)fluoranthene
Concen: 44.536 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 62951

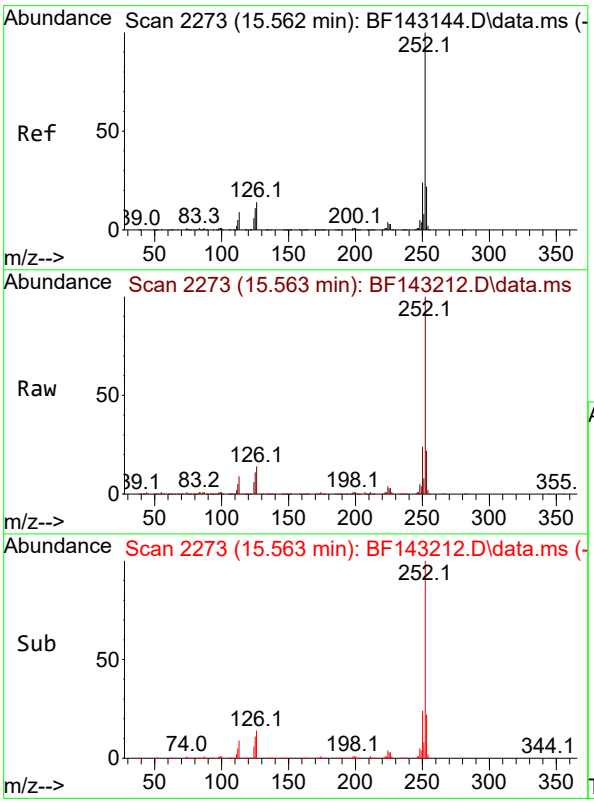
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.7	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

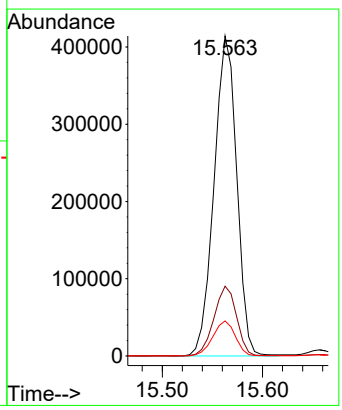
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

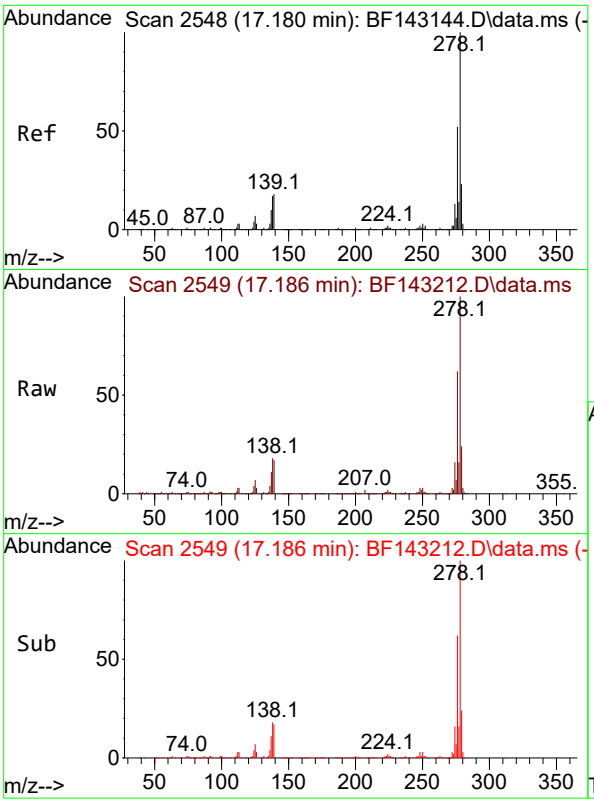


#90
Benzo(a)pyrene
Concen: 44.555 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 650257

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.9	8.6	13.0

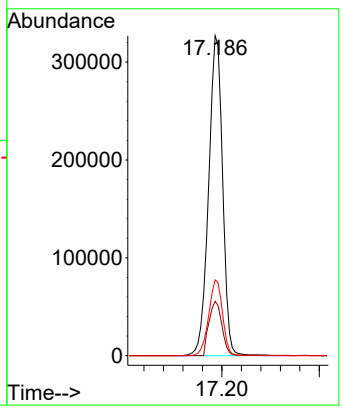




#91
Dibenzo(a,h)anthracene
Concen: 43.731 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:278 Resp: 65078

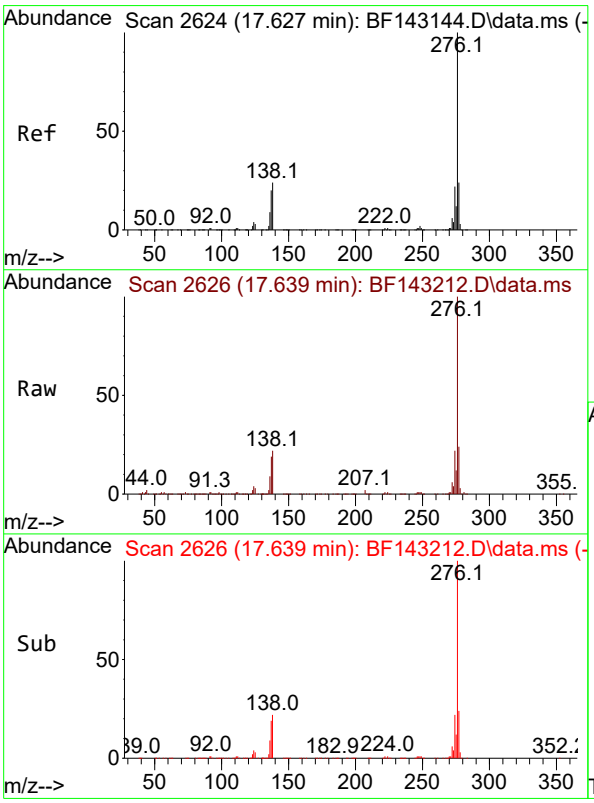
Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.1	21.1
279	23.7	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
PB168929BS

Manual Integrations
APPROVED

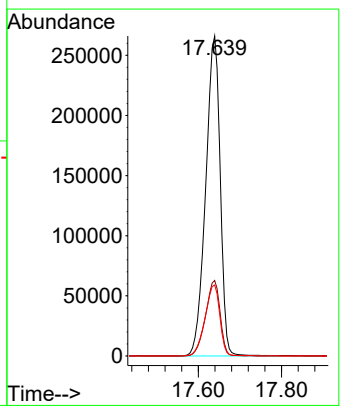
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 44.808 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:276 Resp: 645025

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	22.2	18.9	28.3



Raw Data: **BF143180.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/17/25
Client Sample ID:	RT2286MS	SDG No.:	Q2639
Lab Sample ID:	Q2635-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.8
Sample Wt/Vol:	50.07 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
BF143180.D	1	07/21/25 09:30	07/22/25 10:26	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.00		0.016	0.092	0.12	mg/Kg
91-57-6	2-Methylnaphthalene	1.00		0.018	0.092	0.12	mg/Kg
208-96-8	Acenaphthylene	1.00		0.020	0.092	0.12	mg/Kg
83-32-9	Acenaphthene	1.10		0.015	0.092	0.12	mg/Kg
86-73-7	Fluorene	1.00		0.018	0.092	0.12	mg/Kg
85-01-8	Phenanthrene	1.30		0.015	0.092	0.12	mg/Kg
120-12-7	Anthracene	1.10		0.024	0.092	0.12	mg/Kg
206-44-0	Fluoranthene	1.50		0.021	0.092	0.12	mg/Kg
129-00-0	Pyrene	1.40		0.025	0.092	0.12	mg/Kg
56-55-3	Benzo(a)anthracene	1.30		0.016	0.092	0.12	mg/Kg
218-01-9	Chrysene	1.30		0.014	0.092	0.12	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.60		0.013	0.092	0.12	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.20		0.016	0.092	0.12	mg/Kg
50-32-8	Benzo(a)pyrene	1.30		0.021	0.092	0.12	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.84		0.021	0.092	0.12	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.73		0.019	0.092	0.12	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.85		0.018	0.092	0.12	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	56.5		37 - 122		56%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.0		44 - 115		52%	SPK: 100
1718-51-0	Terphenyl-d14	44.2	*	54 - 127		44%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123000	6.963				
1146-65-2	Naphthalene-d8	483000	8.245				
15067-26-2	Acenaphthene-d10	259000	10.004				
1517-22-2	Phenanthrene-d10	421000	11.492				
1719-03-5	Chrysene-d12	278000	14.133				
1520-96-3	Perylene-d12	251000	15.633				

Raw Data: **BF143180.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/17/25
Client Sample ID:	RT2286MS	SDG No.:	Q2639
Lab Sample ID:	Q2635-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.8
Sample Wt/Vol:	50.07 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
BF143180.D	1	07/21/25 09:30	07/22/25 10:26	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	122637	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	483164	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	258898	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	420723	20.000	ng		0.00
76) Chrysene-d12	14.133	240	277520	20.000	ng		0.01
86) Perylene-d12	15.633	264	250625	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	656921	84.767	ng		0.00
7) Phenol-d6	6.586	99	860079	88.173	ng		0.00
23) Nitrobenzene-d5	7.522	82	547489	56.483	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	245931	91.952	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	984221	51.991	ng		0.00
79) Terphenyl-d14	13.068	244	824200	44.195	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	130984	35.720	ng		99
3) Pyridine	3.610	79	355037	37.302	ng		99
4) n-Nitrosodimethylamine	3.546	42	205539	41.826	ng		99
6) Aniline	6.628	93	319279	23.486	ng		99
8) 2-Chlorophenol	6.751	128	348702	42.926	ng		98
9) Benzaldehyde	6.510	77	239190	32.701	ng		98
10) Phenol	6.604	94	470154	44.243	ng		100
11) bis(2-Chloroethyl)ether	6.692	93	345925	42.516	ng		99
12) 1,3-Dichlorobenzene	6.904	146	356842	40.438	ng		100
13) 1,4-Dichlorobenzene	6.981	146	362700	40.813	ng		99
14) 1,2-Dichlorobenzene	7.133	146	347469	41.109	ng		99
15) Benzyl Alcohol	7.098	79	331244	44.474	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	624571	41.381	ng		100
17) 2-Methylphenol	7.210	107	297538	43.562	ng		99
18) Hexachloroethane	7.481	117	131497	42.743	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	257035	41.072	ng		98
20) 3+4-Methylphenols	7.363	107	367283	44.321	ng	#	78
22) Acetophenone	7.369	105	473405	41.385	ng	#	98
24) Nitrobenzene	7.539	77	393741	43.571	ng		99
25) Isophorone	7.781	82	722769	42.240	ng		99
26) 2-Nitrophenol	7.857	139	184391	47.015	ng		98
27) 2,4-Dimethylphenol	7.892	122	336155	42.048	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	424559	41.383	ng		100
29) 2,4-Dichlorophenol	8.098	162	295634	43.850	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	300326	41.233	ng		99
31) Naphthalene	8.269	128	1043768	43.865	ng		100
32) Benzoic acid	8.010	122	242290	53.176	ng		97
33) 4-Chloroaniline	8.310	127	115901	11.929	ng		99
34) Hexachlorobutadiene	8.392	225	180230	40.506	ng		100
35) Caprolactam	8.680	113	111637	54.796	ng		100
36) 4-Chloro-3-methylphenol	8.786	107	337664	46.079	ng		99
37) 2-Methylnaphthalene	8.957	142	632605	43.689	ng		100
38) 1-Methylnaphthalene	9.057	142	654760	43.913	ng		99
40) 1,2,4,5-Tetrachloroben...	9.127	216	307216	41.101	ng		98
41) Hexachlorocyclopentadiene	9.116	237	269158	55.342	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	225706	43.631	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	226021	43.678	ng		98
46) 1,1'-Biphenyl	9.422	154	845751	41.871	ng		99
47) 2-Chloronaphthalene	9.445	162	622529	41.652	ng		99
48) 2-Nitroaniline	9.533	65	228188	48.685	ng		97
49) Acenaphthylene	9.863	152	1074389	42.895	ng		100
50) Dimethylphthalate	9.722	163	739486	43.820	ng		99
51) 2,6-Dinitrotoluene	9.780	165	162636	47.374	ng		98
52) Acenaphthene	10.039	154	702409	47.447	ng		98
53) 3-Nitroaniline	9.945	138	150223	37.411	ng		100
54) 2,4-Dinitrophenol	10.051	184	161630	101.891	ng	#	1
55) Dibenzofuran	10.210	168	958909	43.628	ng		100
56) 4-Nitrophenol	10.104	139	290208	96.784	ng		98
57) 2,4-Dinitrotoluene	10.180	165	222639	51.692	ng		98
58) Fluorene	10.551	166	735293	44.574	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	194167	45.297	ng		99
60) Diethylphthalate	10.422	149	770106	46.169	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	350275	42.644	ng		98
62) 4-Nitroaniline	10.563	138	162531	47.227	ng		97
63) Azobenzene	10.704	77	806940	46.418	ng		95
65) 4,6-Dinitro-2-methylph...	10.592	198	106177	48.125	ng		98
66) n-Nitrosodiphenylamine	10.657	169	640269	43.218	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	215047	42.890	ng		99
68) Hexachlorobenzene	11.104	284	221260	42.221	ng		99
69) Atrazine	11.186	200	192717	47.184	ng		98
70) Pentachlorophenol	11.292	266	273917	88.880	ng		99
71) Phenanthrene	11.516	178	1252082	56.049	ng		99
72) Anthracene	11.569	178	1059941	46.522	ng		100
73) Carbazole	11.716	167	866665	43.563	ng		99
74) Di-n-butylphthalate	12.045	149	1089699	48.409	ng		100
75) Fluoranthene	12.704	202	1341747	65.437	ng		99
77) Benzidine	12.816	184	257059	24.042	ng		99
78) Pyrene	12.933	202	1405043	59.322	ng		99
80) Butylbenzylphthalate	13.545	149	372649	51.381	ng		98
81) Benzo(a)anthracene	14.121	228	1055813	56.825	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	136903	22.108	ng		99
83) Chrysene	14.157	228	926475	55.460	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	512026	46.643	ng		100
85) Di-n-octyl phthalate	14.721	149	949372m	47.711	ng		
87) Indeno(1,2,3-cd)pyrene	17.180	276	632228	35.775	ng		99
88) Benzo(b)fluoranthene	15.192	252	1015390	66.318	ng		99
89) Benzo(k)fluoranthene	15.221	252	712098	52.120	ng		99
90) Benzo(a)pyrene	15.574	252	800603	56.754	ng		98
91) Dibenzo(a,h)anthracene	17.198	278	444650	30.912	ng		99
92) Benzo(g,h,i)perylene	17.645	276	504925	36.288	ng		99

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

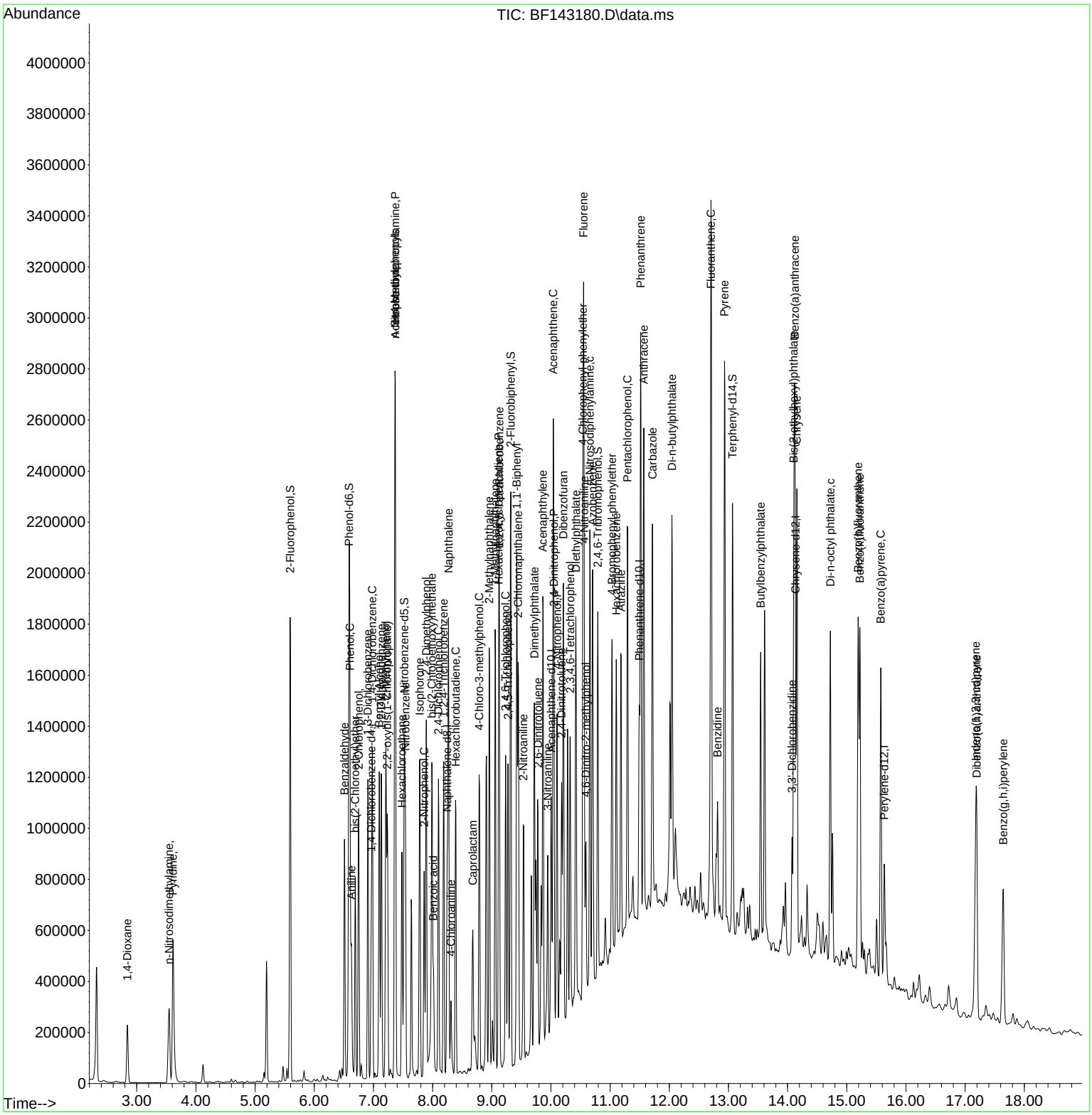
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Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

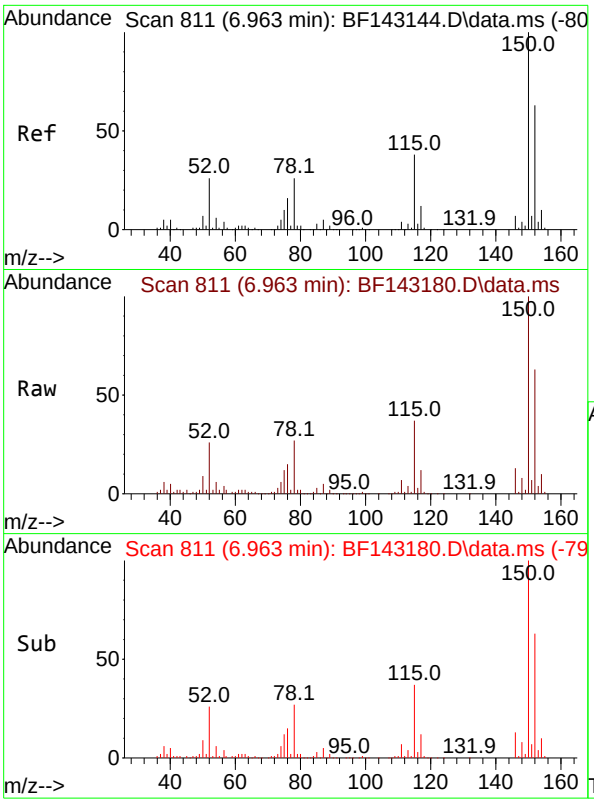
Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

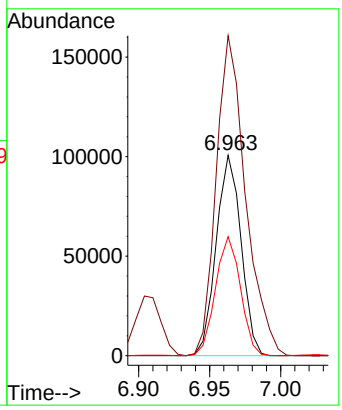




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:152 Resp: 12263

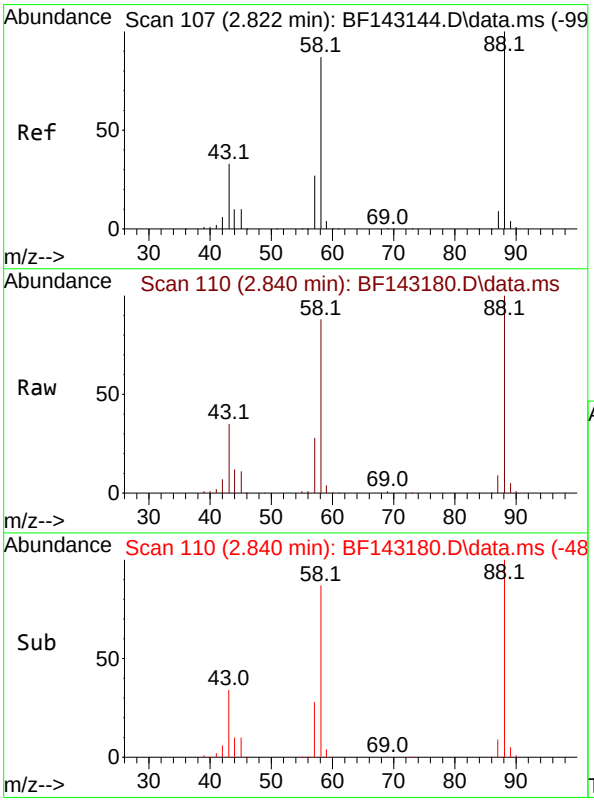
Ion	Ratio	Lower	Upper
152	100		
150	159.7	128.2	192.4
115	59.4	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

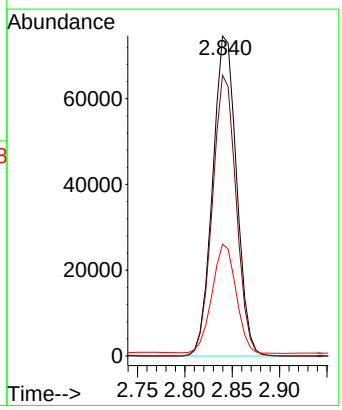
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

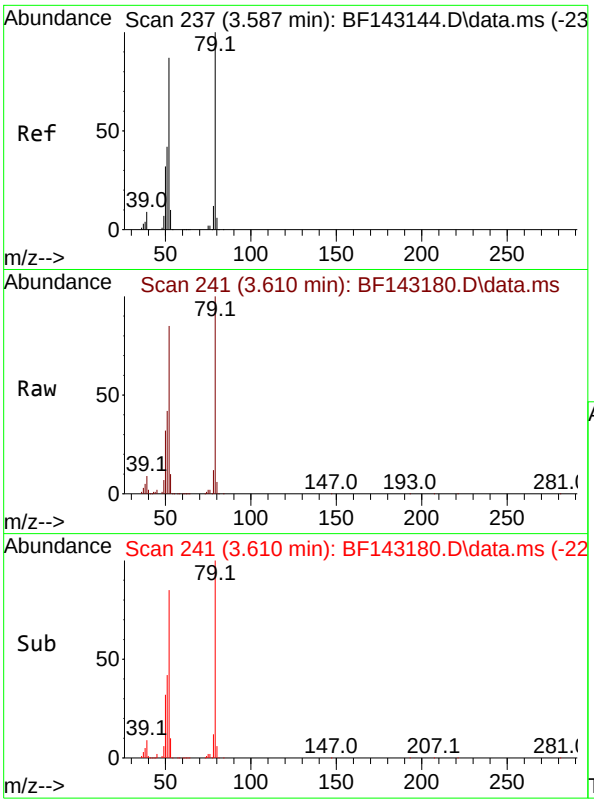


#2
1,4-Dioxane
Concen: 35.720 ng
RT: 2.840 min Scan# 110
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 88 Resp: 130984

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.2	105.2
43	34.4	27.1	40.7





#3
Pyridine
Concen: 37.302 ng
RT: 3.610 min Scan# 24
Delta R.T. 0.023 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

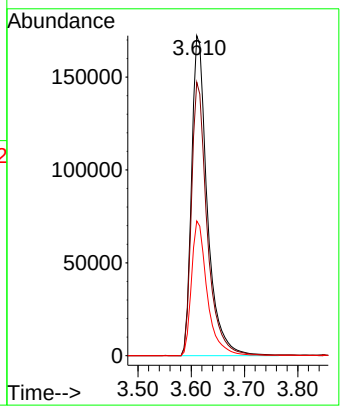
Tgt Ion: 79 Resp: 35503

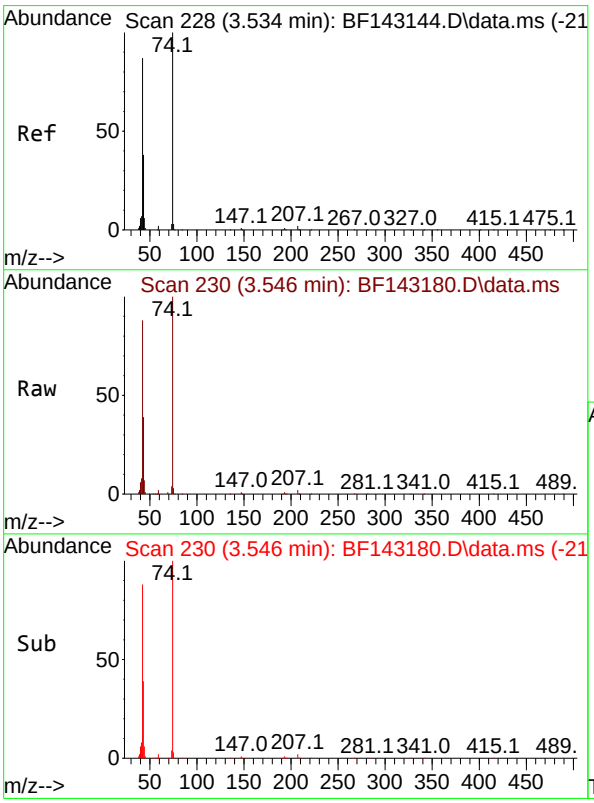
Ion	Ratio	Lower	Upper
79	100		
52	85.5	69.4	104.2
51	42.1	33.5	50.3

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

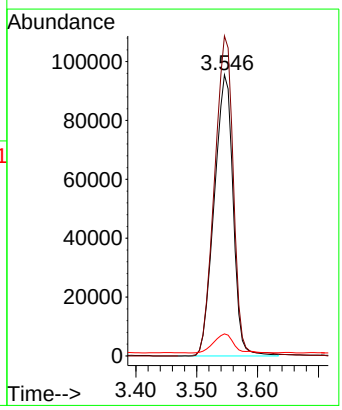


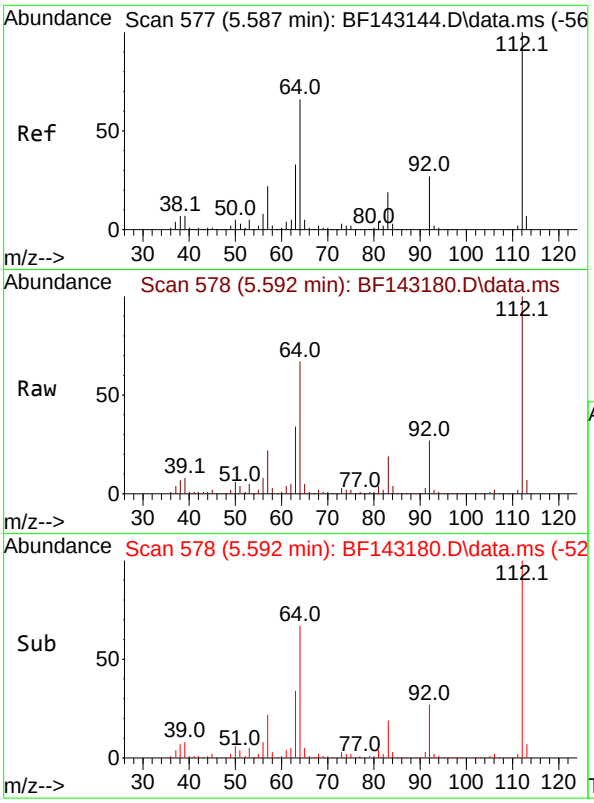


#4
n-Nitrosodimethylamine
Concen: 41.826 ng
RT: 3.546 min Scan# 230
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 42 Resp: 205539

Ion	Ratio	Lower	Upper
42	100		
74	113.8	91.7	137.5
44	7.9	5.6	8.4





#5
2-Fluorophenol
Concen: 84.767 ng
RT: 5.592 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

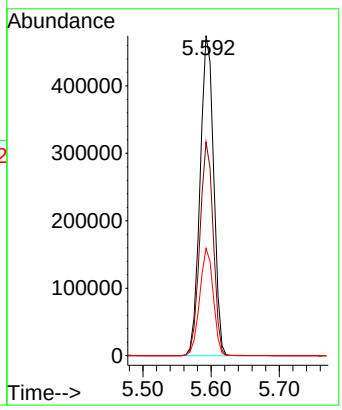
Tgt Ion:112 Resp: 65692

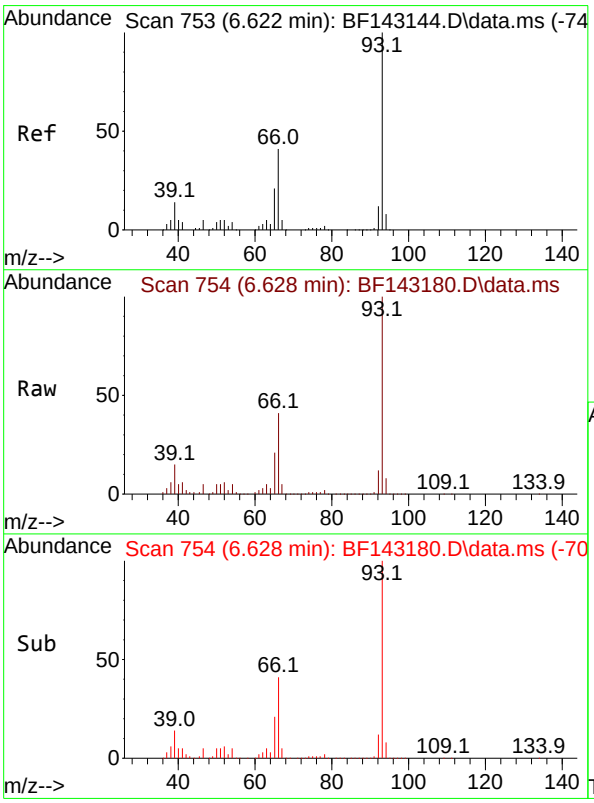
Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.1	79.7
63	33.5	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
RT2286MS

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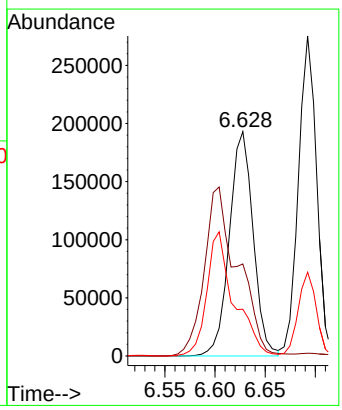


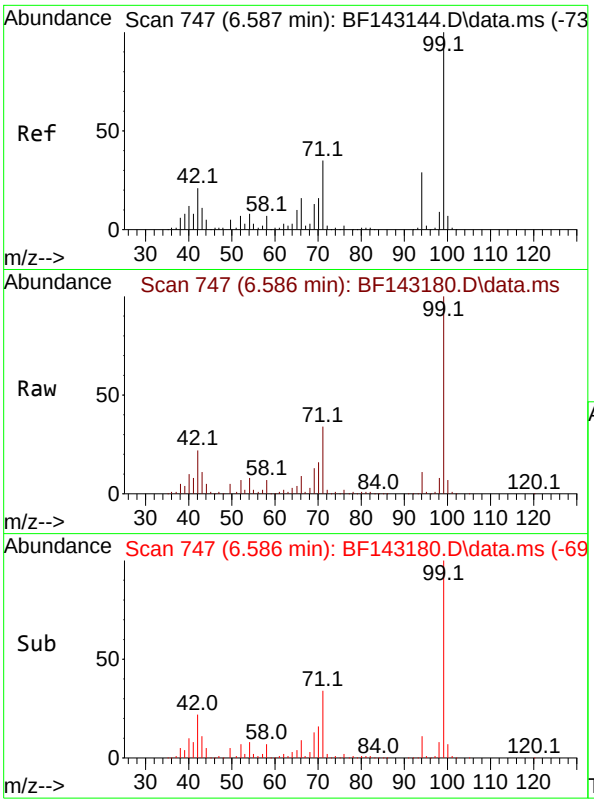


#6
Aniline
Concen: 23.486 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 319279

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.8	16.9	25.3

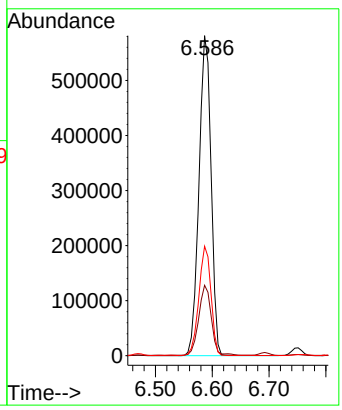




#7
Phenol-d6
Concen: 88.173 ng
RT: 6.586 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 99 Resp: 86007

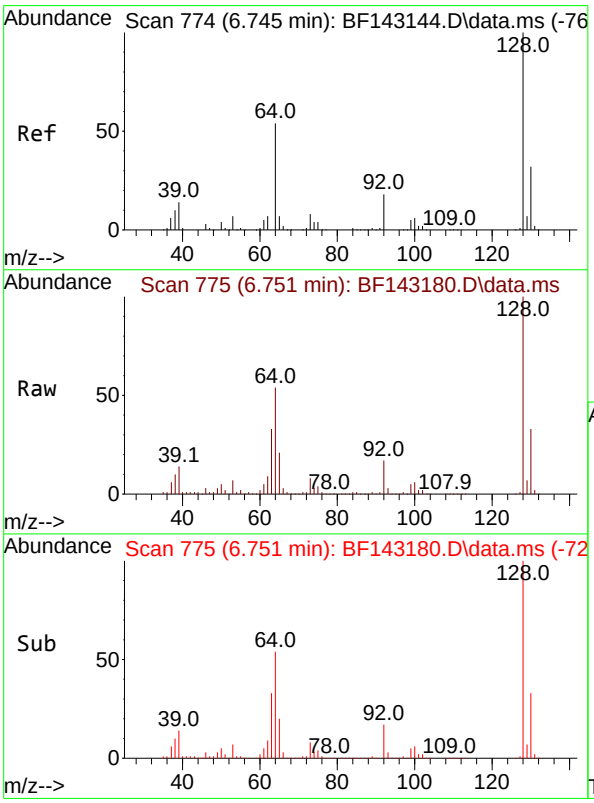
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.0	25.6
71	34.2	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
RT2286MS

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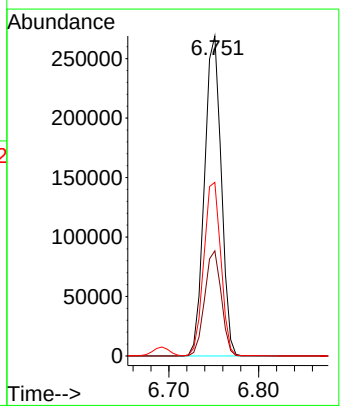
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

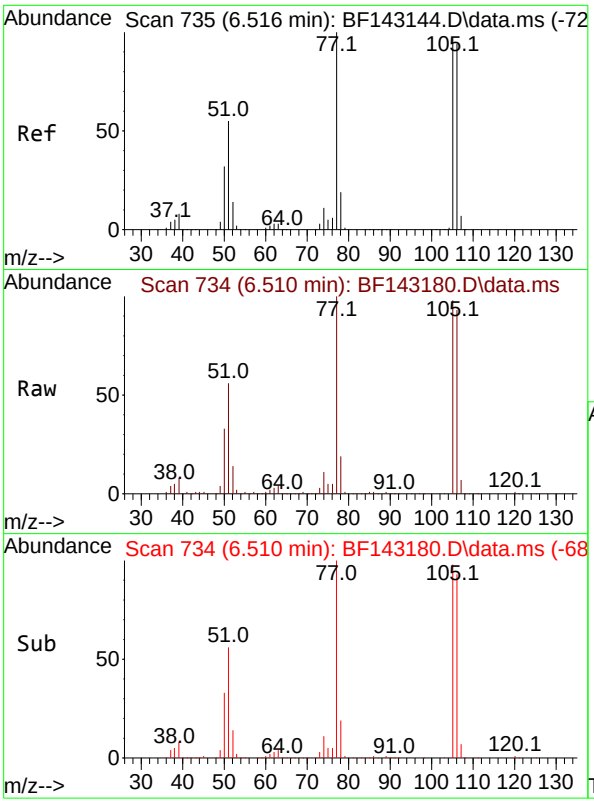


#8
2-Chlorophenol
Concen: 42.926 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:128 Resp: 348702

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	54.2	35.9	75.9

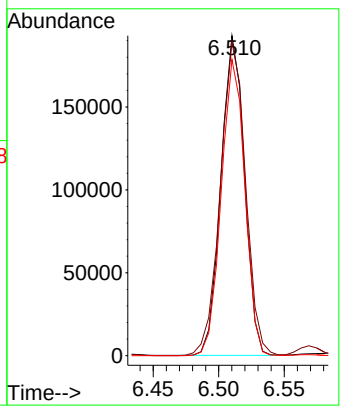




#9
Benzaldehyde
Concen: 32.701 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 23919

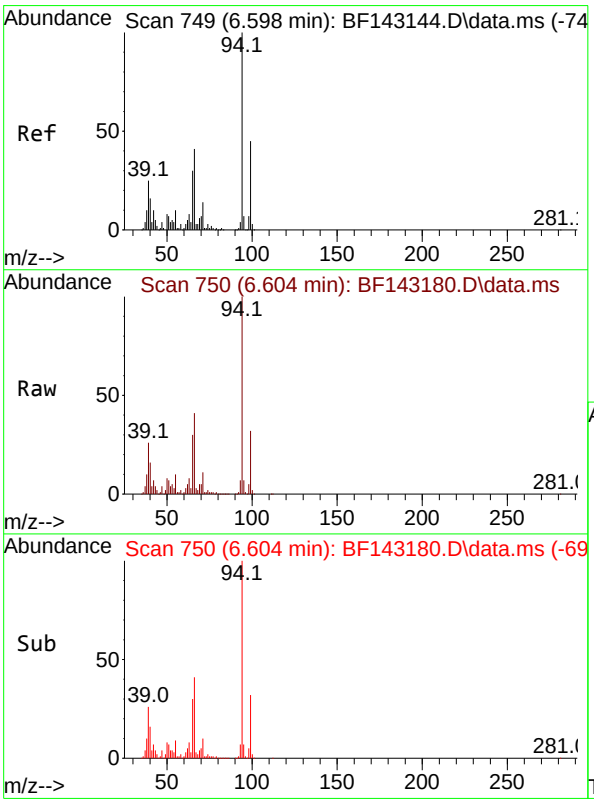
Ion	Ratio	Lower	Upper
77	100		
105	98.0	76.8	116.8
106	92.5	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
RT2286MS

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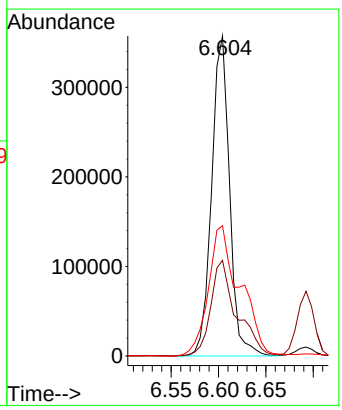
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

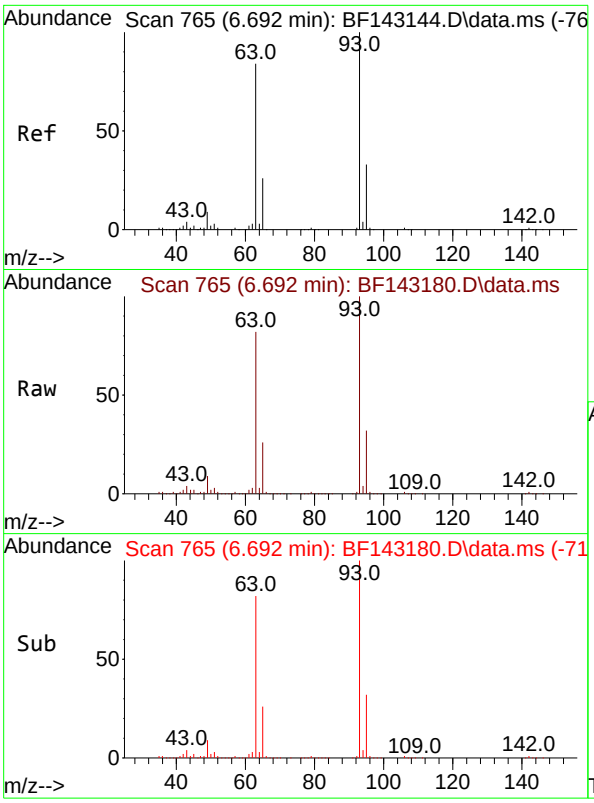


#10
Phenol
Concen: 44.243 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 94 Resp: 470154

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.0	50.0
66	40.7	20.8	60.8





#11
bis(2-Chloroethyl)ether
Concen: 42.516 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

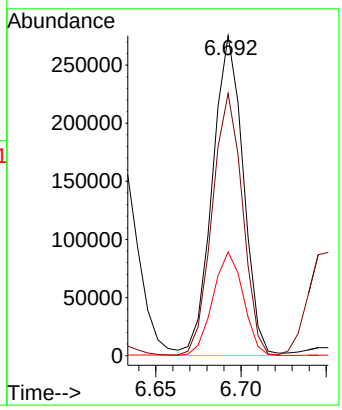
Tgt Ion: 93 Resp: 34592

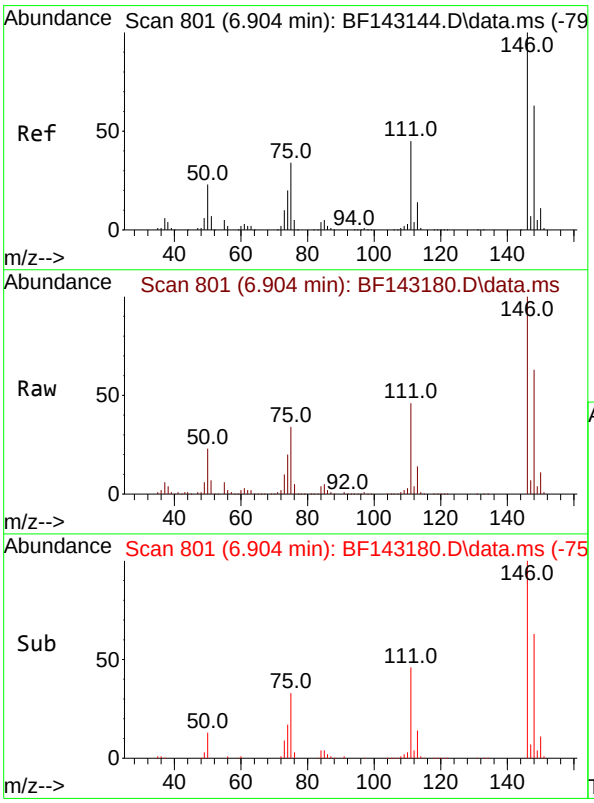
Ion	Ratio	Lower	Upper
93	100		
63	81.9	63.4	103.4
95	32.5	12.4	52.4

Instrument :
BNA_F
ClientSampleId :
RT2286MS

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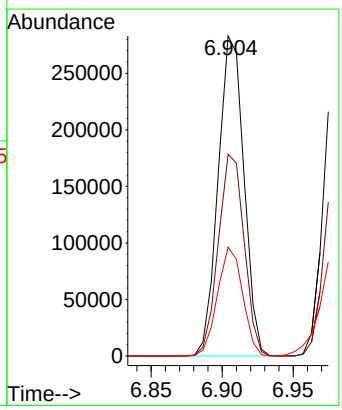


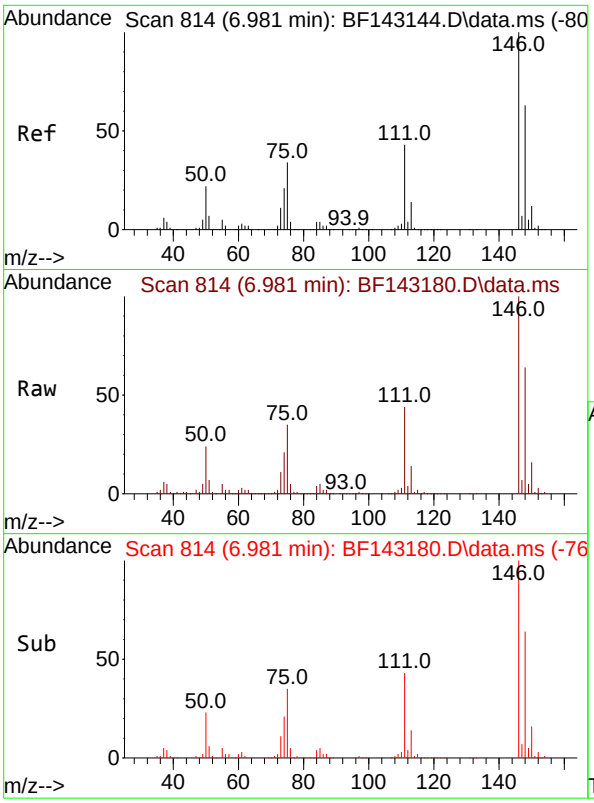


#12
1,3-Dichlorobenzene
Concen: 40.438 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 356842

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
75	34.0	27.4	41.2

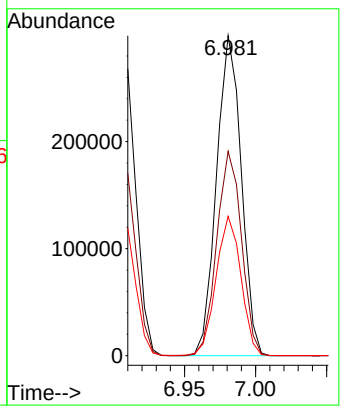




#13
1,4-Dichlorobenzene
Concen: 40.813 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 36270

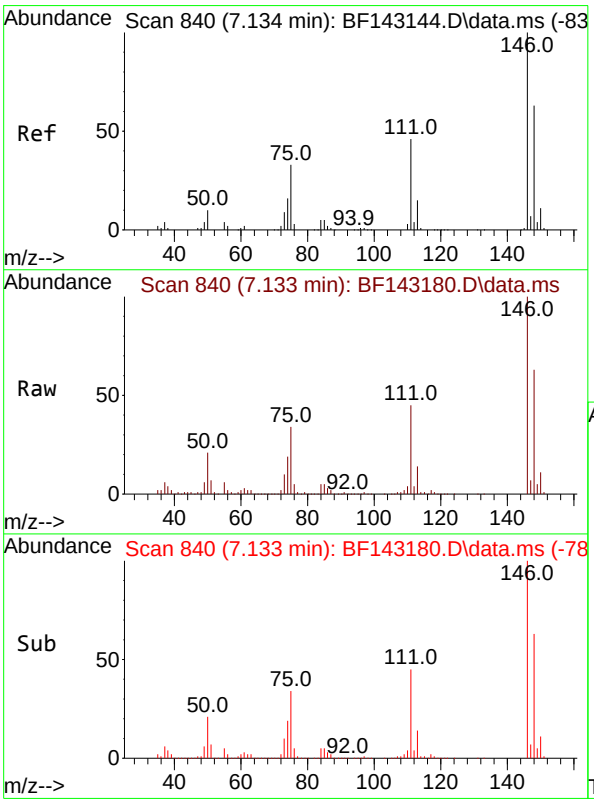
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	43.6	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
RT2286MS

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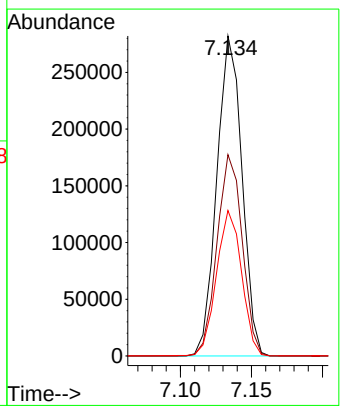
Reviewed By :Rahul Chavli 07/23/2025
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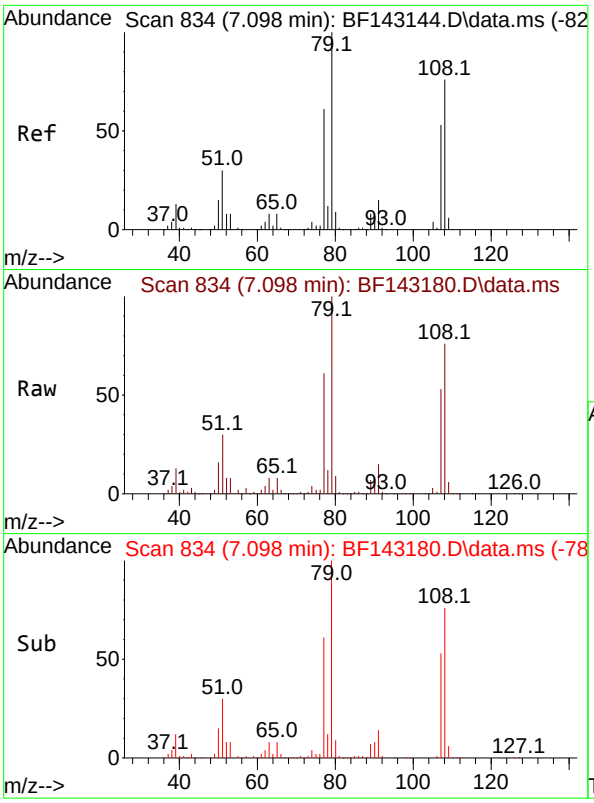


#14
1,2-Dichlorobenzene
Concen: 41.109 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 347469

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.7	76.1
111	45.5	36.6	54.8





#15
Benzyl Alcohol
Concen: 44.474 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

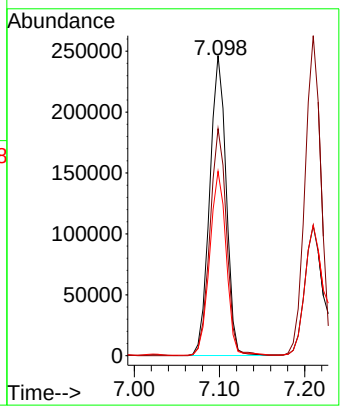
Tgt Ion: 79 Resp: 33124

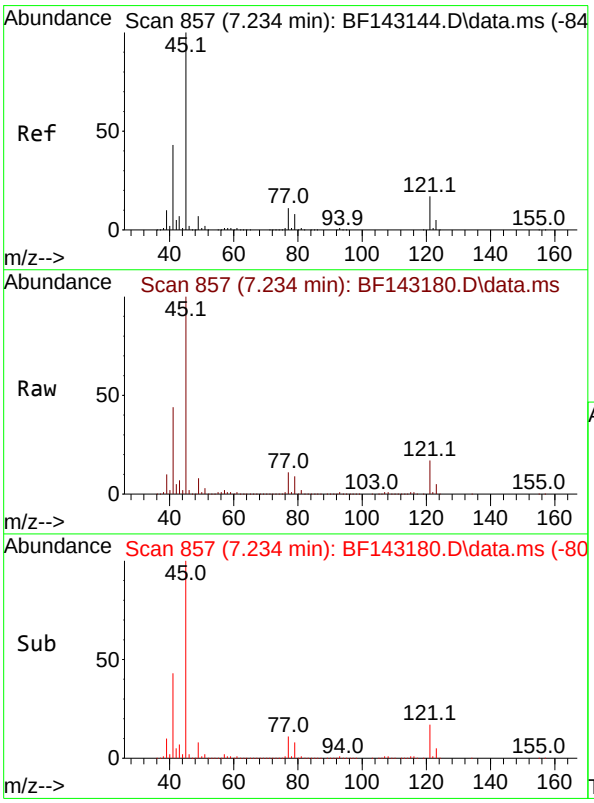
Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.1	91.7
77	61.4	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
RT2286MS

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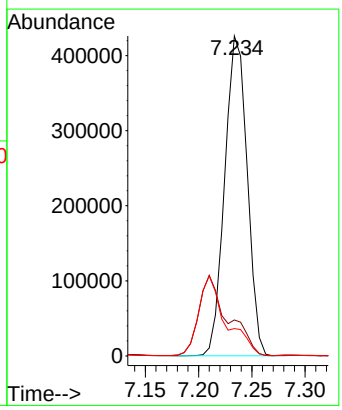


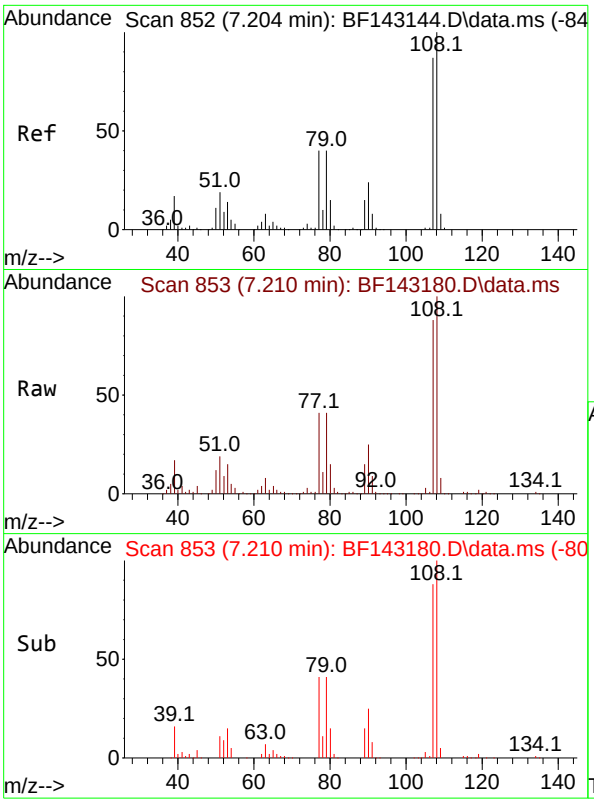


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.381 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 45 Resp: 624571

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.6	0.0	28.5

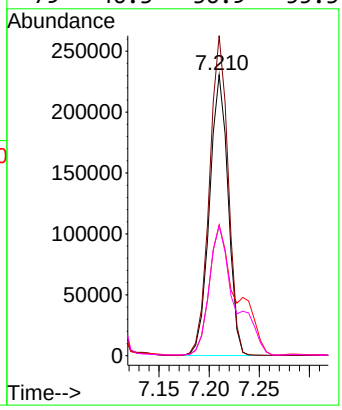




#17
2-Methylphenol
Concen: 43.562 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 29753

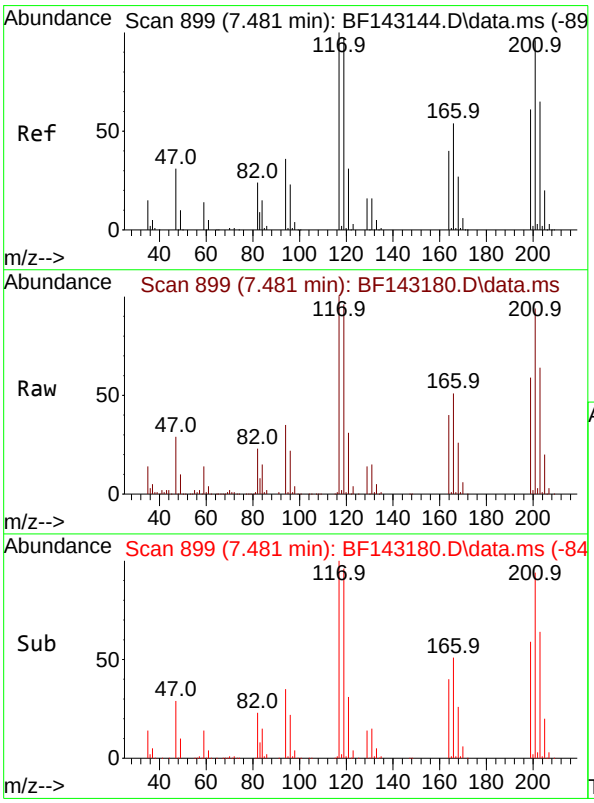
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.8	137.6
77	46.6	37.0	55.6
79	46.3	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
RT2286MS

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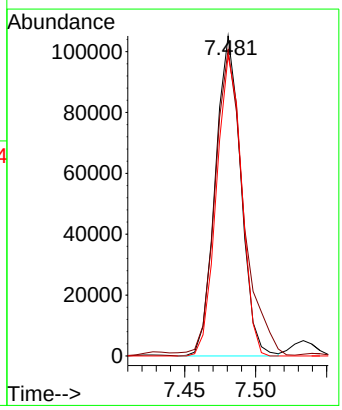
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

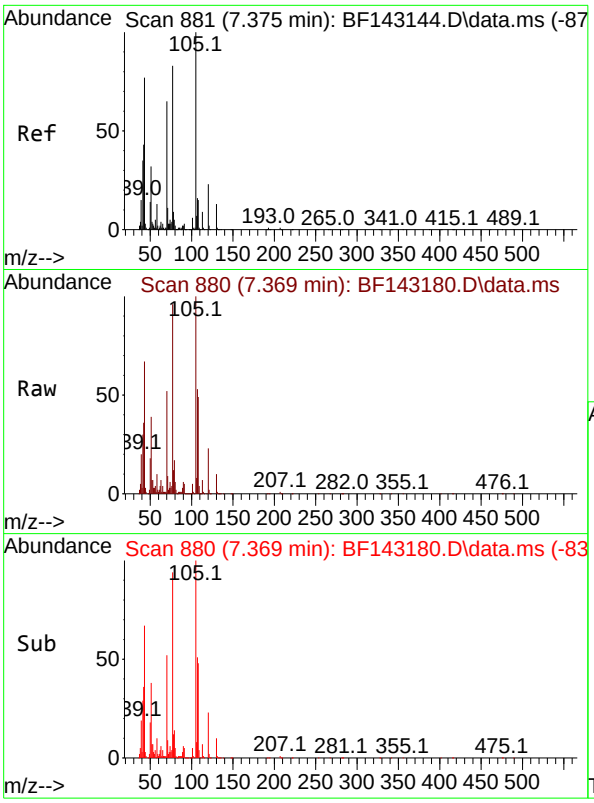


#18
Hexachloroethane
Concen: 42.743 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:117 Resp: 131497

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.8
201	94.0	77.0	115.4

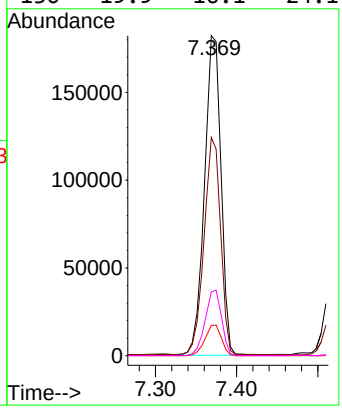




#19
n-Nitroso-di-n-propylamine
Concen: 41.072 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 70 Resp: 25703

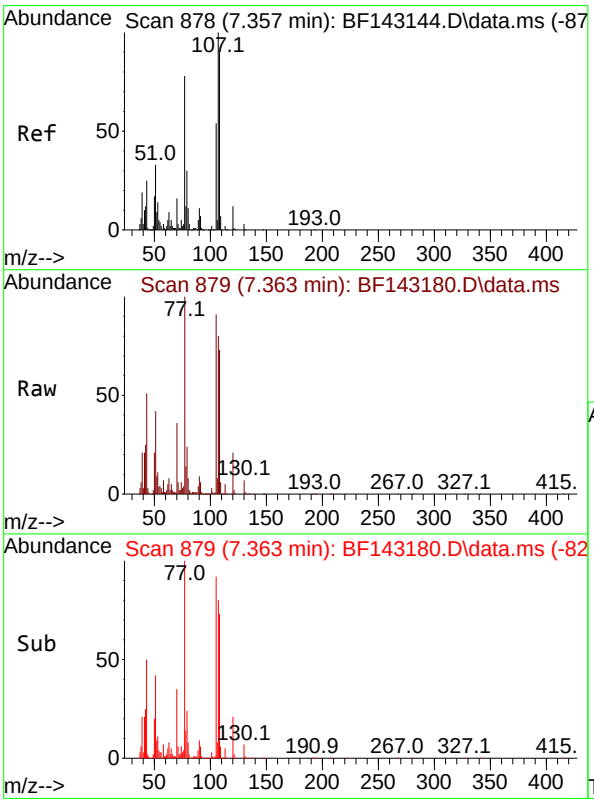
Ion	Ratio	Lower	Upper
70	100		
42	68.2	52.5	78.7
101	9.5	7.6	11.4
130	19.9	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
RT2286MS

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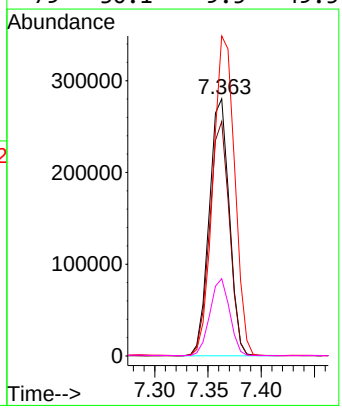
Reviewed By :Rahul Chavli 07/23/2025
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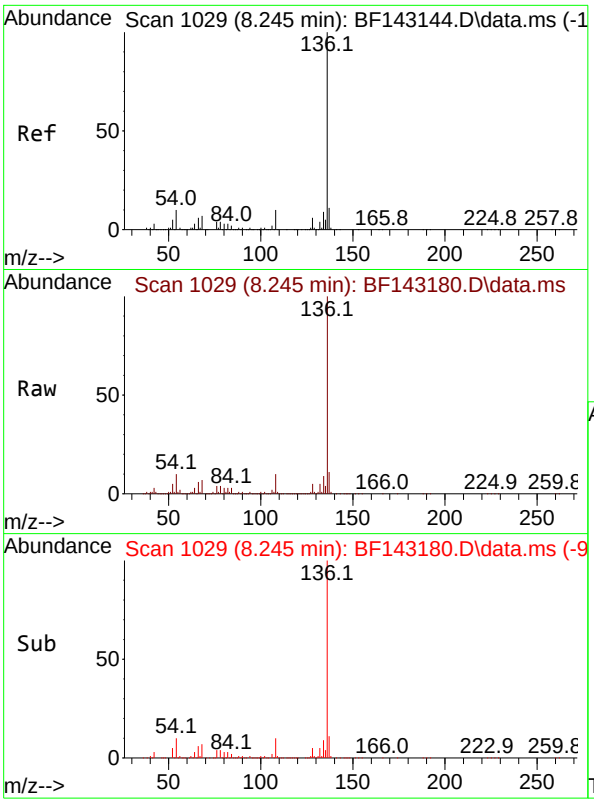


#20
3+4-Methylphenols
Concen: 44.321 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 367283

Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.0	110.0
77	124.5	57.8	97.8#
79	30.1	9.5	49.5

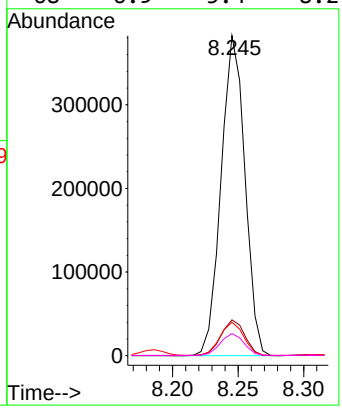




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:136 Resp: 48316

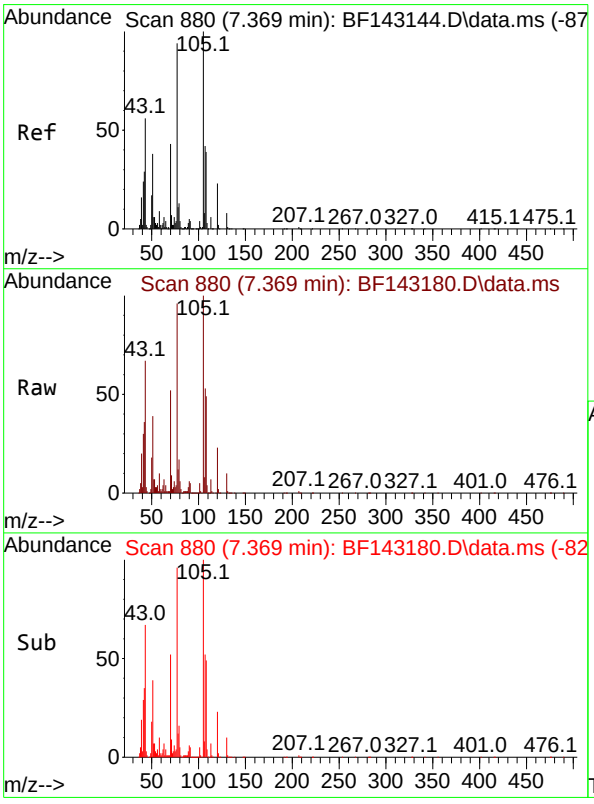
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.4	8.2	12.2
68	6.9	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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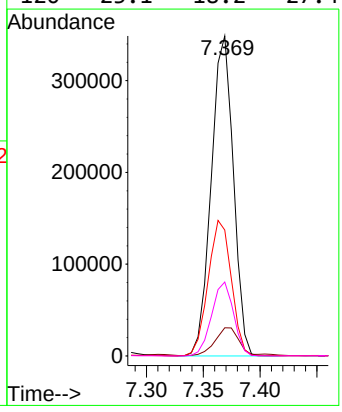
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

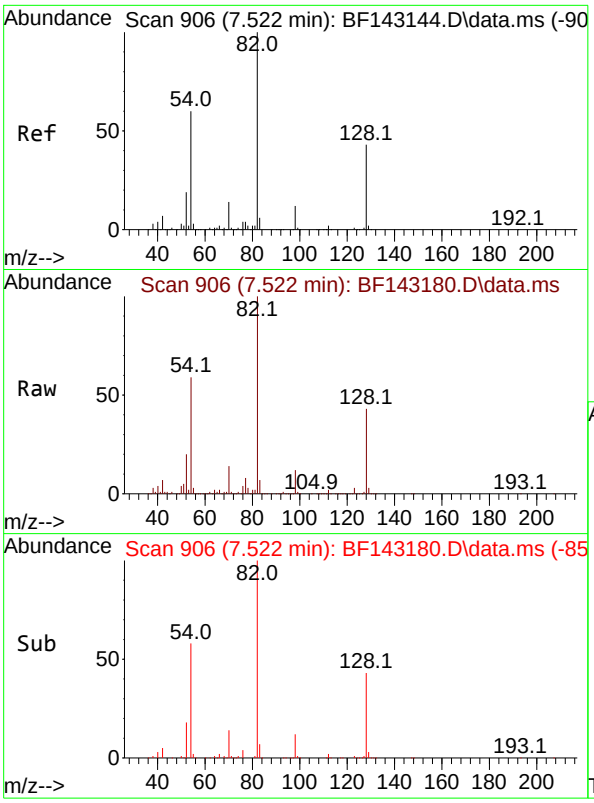


#22
Acetophenone
Concen: 41.385 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:105 Resp: 473405

Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.8	8.6#
51	39.4	30.2	45.2
120	23.1	18.2	27.4





#23
Nitrobenzene-d5
Concen: 56.483 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

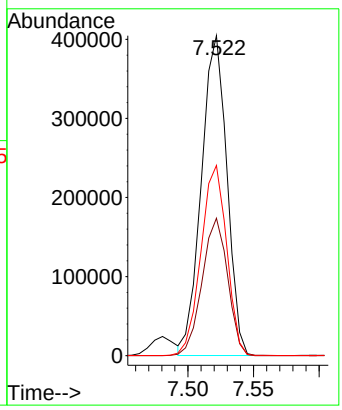
Tgt Ion: 82 Resp: 54748

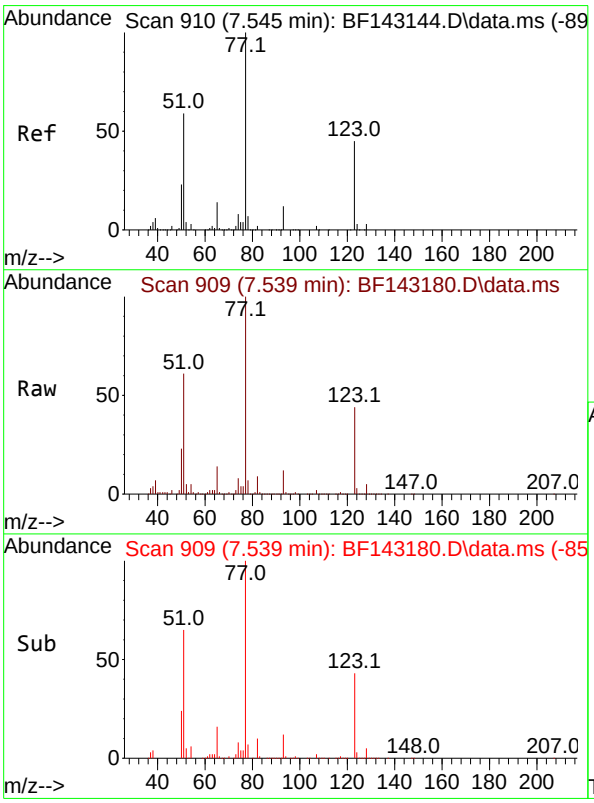
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.6	50.4
54	59.5	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

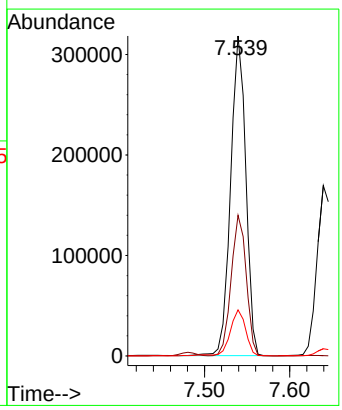


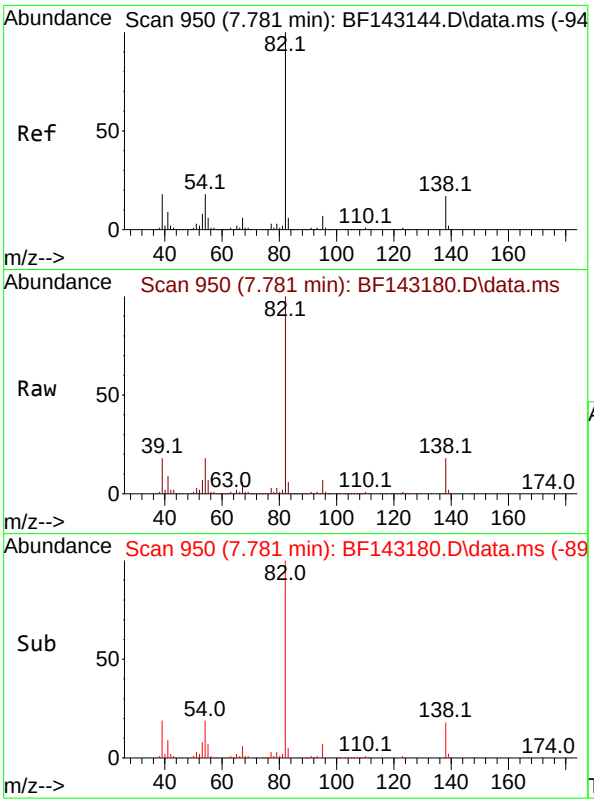


#24
Nitrobenzene
Concen: 43.571 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 393741

Ion	Ratio	Lower	Upper
77	100		
123	44.0	36.1	54.1
65	14.4	11.4	17.2





#25
Isophorone
Concen: 42.240 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

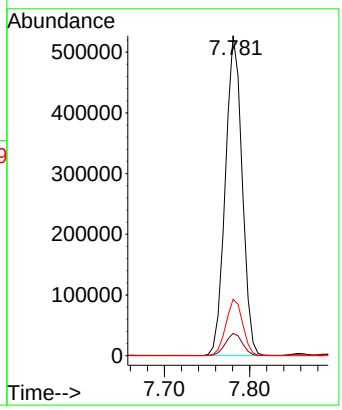
Tgt Ion: 82 Resp: 72276

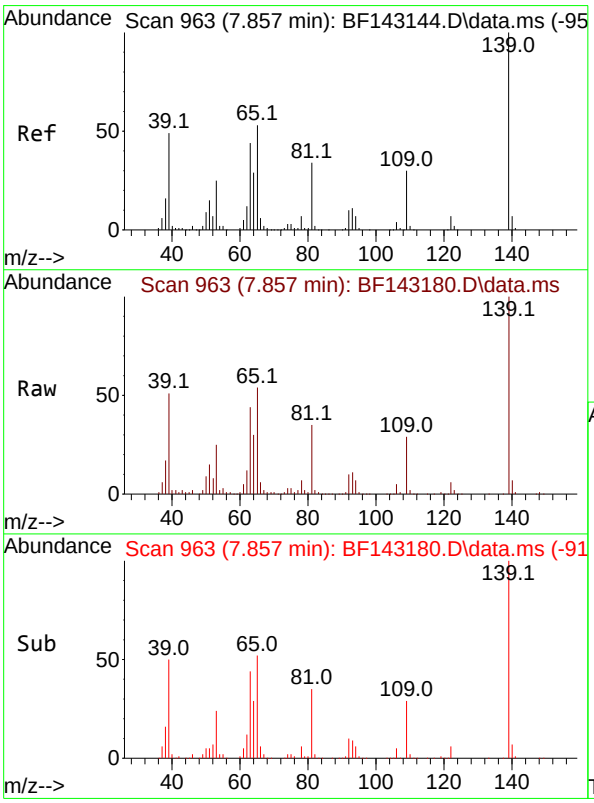
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.6	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

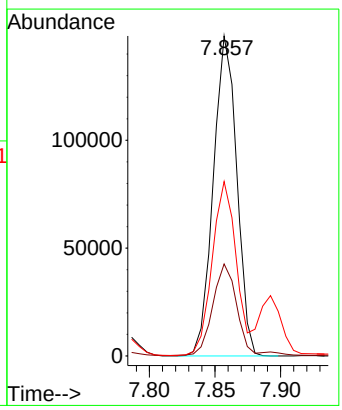


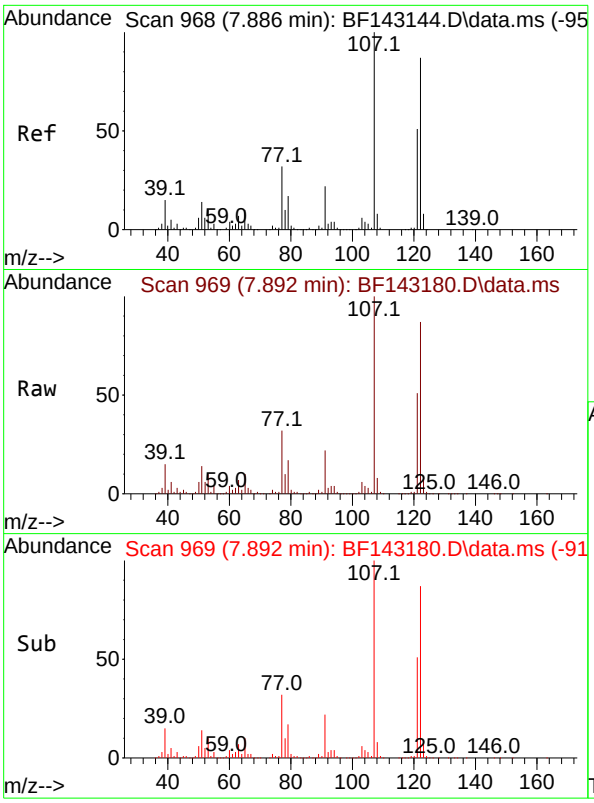


#26
2-Nitrophenol
Concen: 47.015 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 184391

Ion	Ratio	Lower	Upper
139	100		
109	28.7	23.6	35.4
65	54.5	42.6	64.0

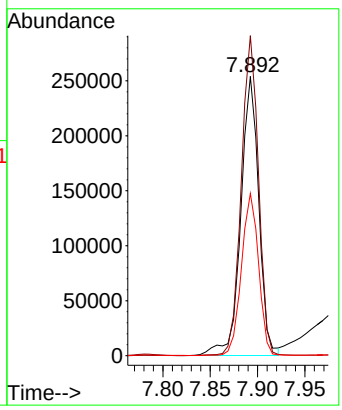




#27
2,4-Dimethylphenol
Concen: 42.048 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:122 Resp: 33615

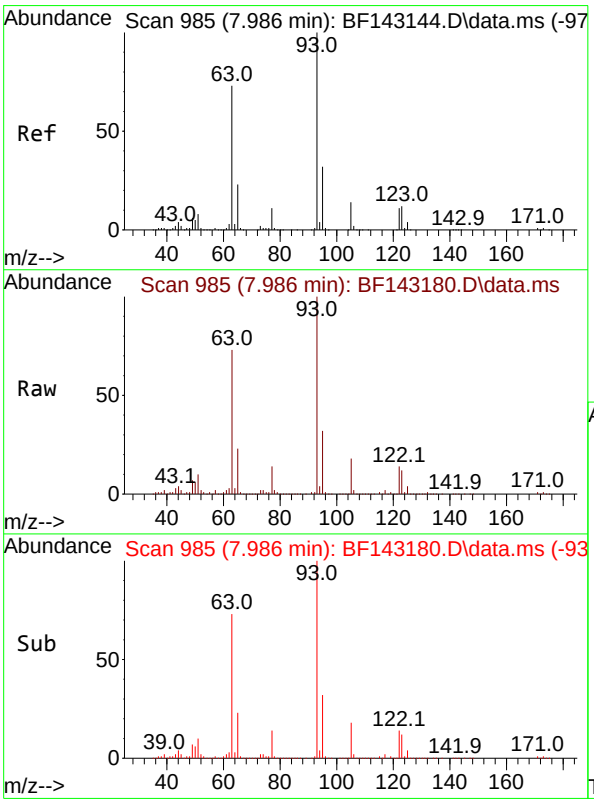
Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.8	137.6
121	58.1	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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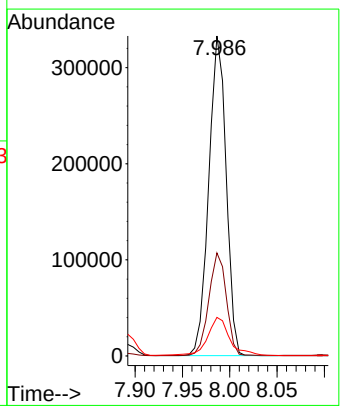
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

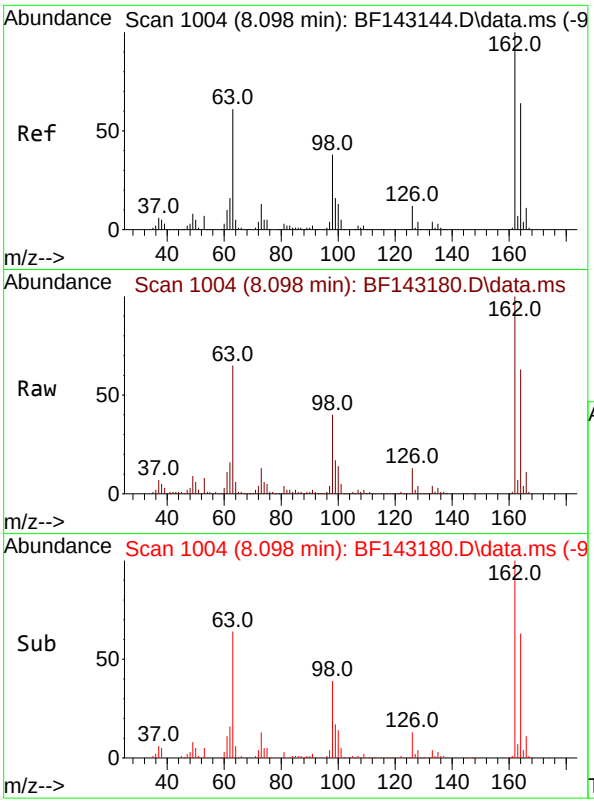


#28
bis(2-Chloroethoxy)methane
Concen: 41.383 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 424559

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.0	9.7	14.5

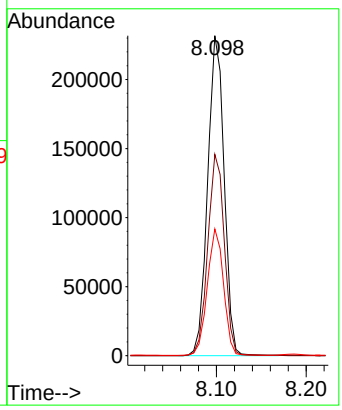




#29
2,4-Dichlorophenol
Concen: 43.850 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:162 Resp: 29563

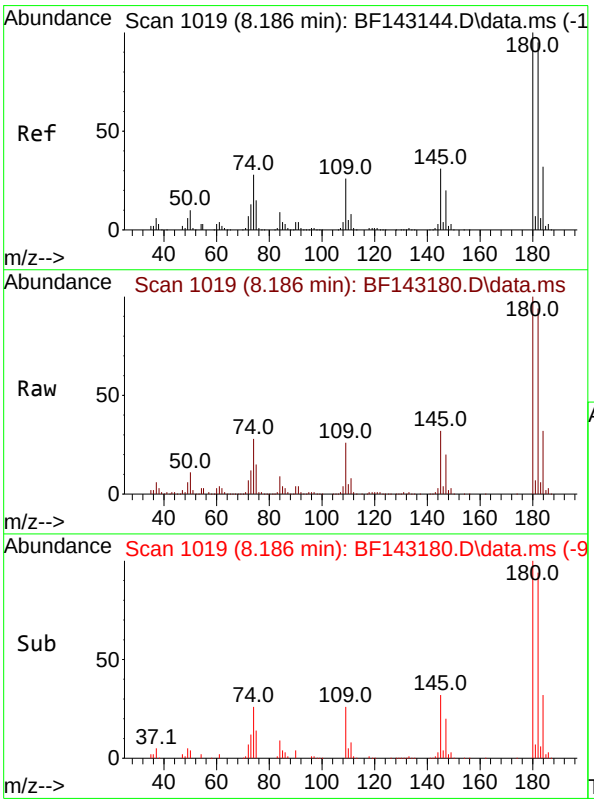
Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.2	84.2
98	39.6	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

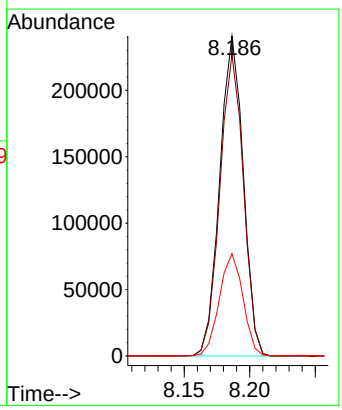
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Supervised By :Jagrut Upadhyay 07/23/2025

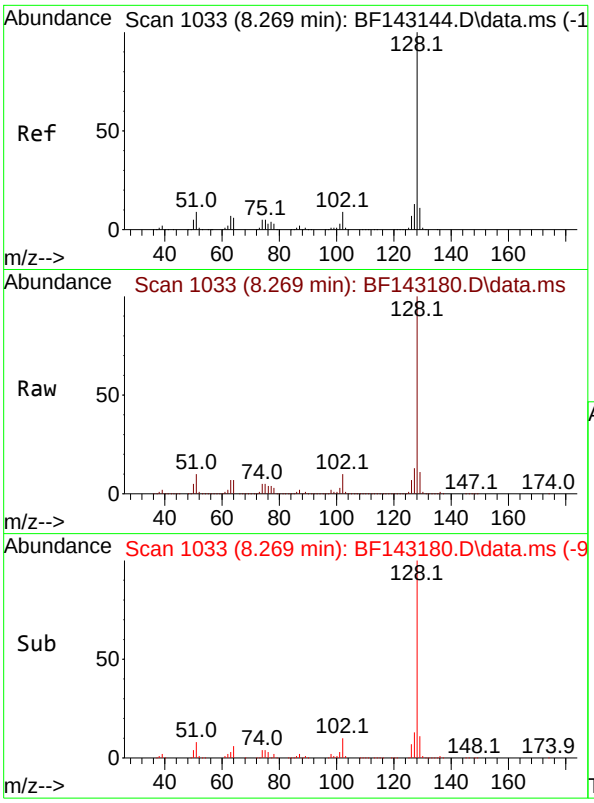


#30
1,2,4-Trichlorobenzene
Concen: 41.233 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:180 Resp: 300326

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	32.0	25.0	37.6

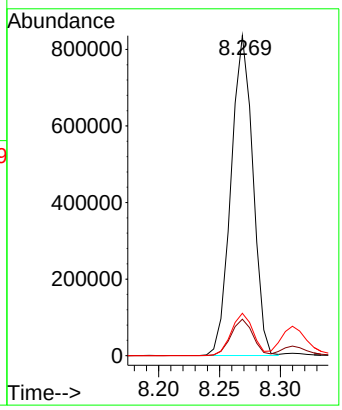




#31
Naphthalene
Concen: 43.865 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:128 Resp: 104376

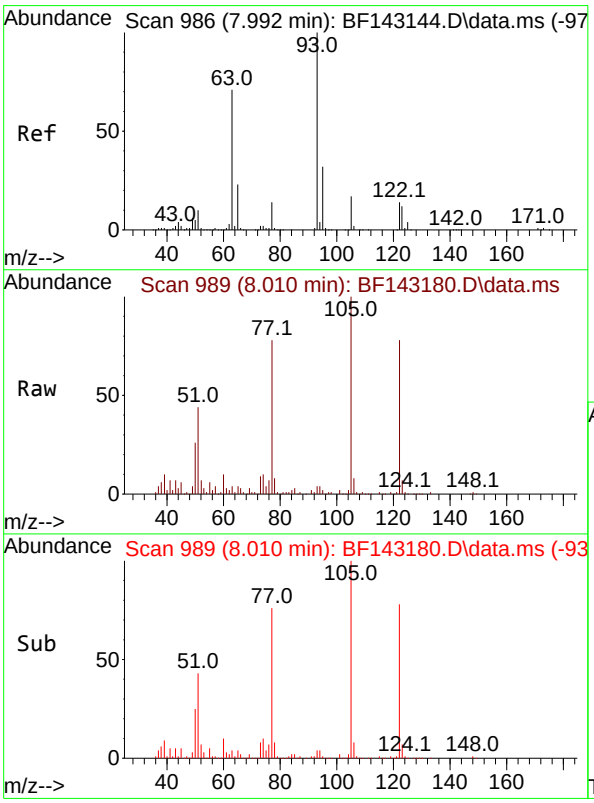
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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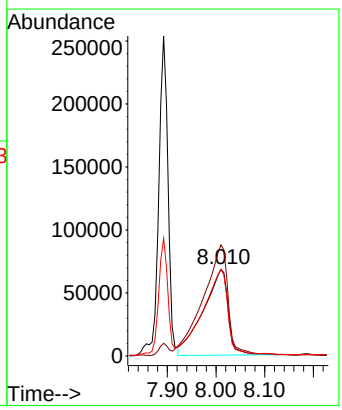
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

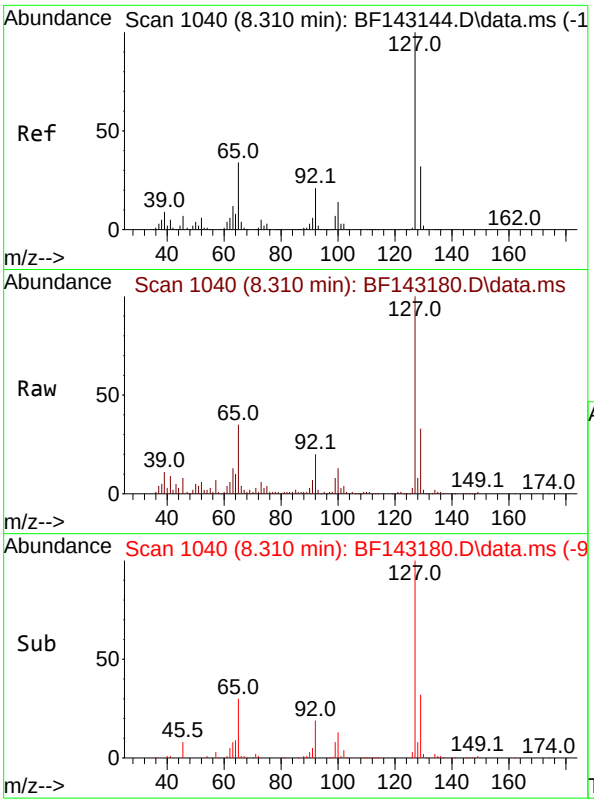


#32
Benzoic acid
Concen: 53.176 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:122 Resp: 242290

Ion	Ratio	Lower	Upper
122	100		
105	128.2	104.8	144.8
77	99.9	77.6	117.6

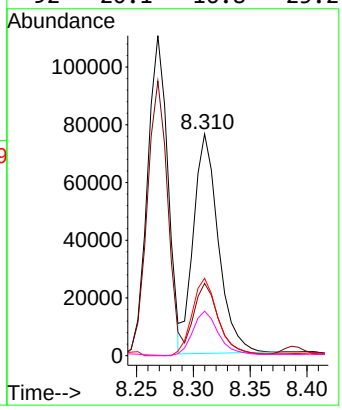




#33
4-Chloroaniline
Concen: 11.929 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:127 Resp: 11590

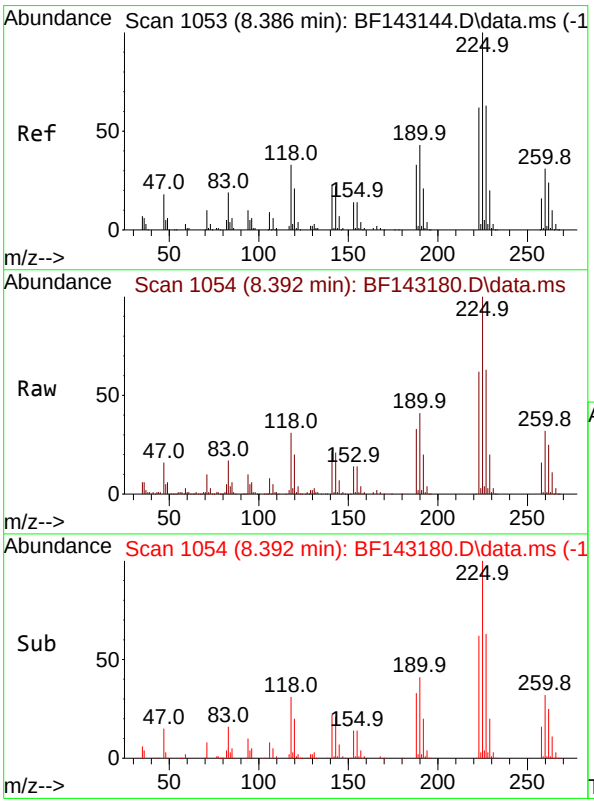
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	34.9	27.4	41.2
92	20.1	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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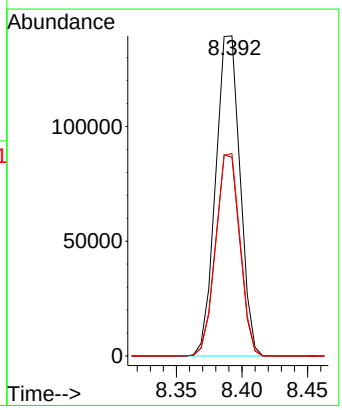
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

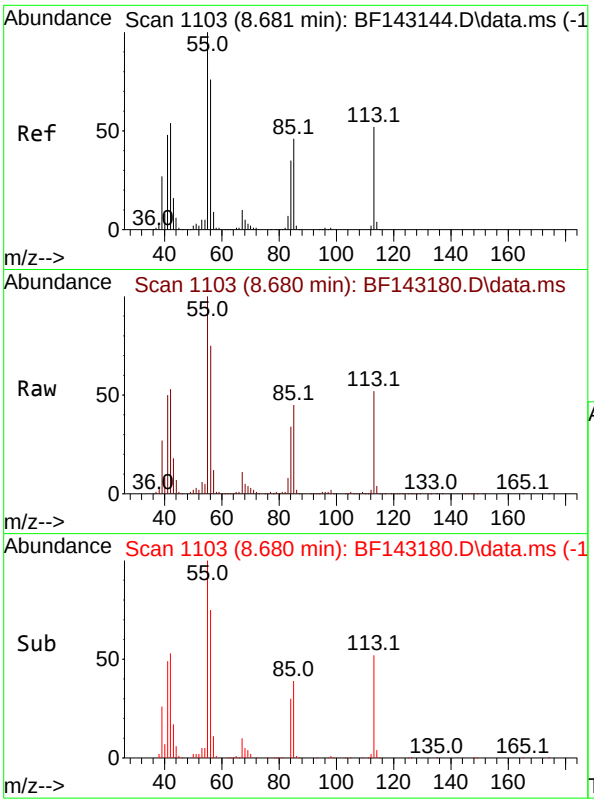


#34
Hexachlorobutadiene
Concen: 40.506 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:225 Resp: 180230

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	63.3	50.2	75.4





#35
Caprolactam
Concen: 54.796 ng
RT: 8.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

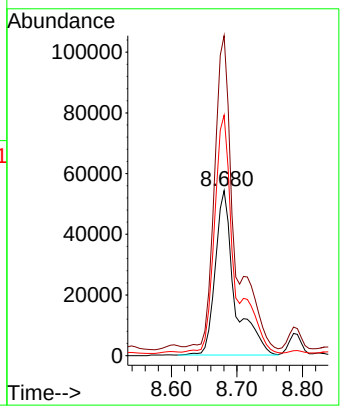
Tgt Ion:113 Resp: 11163

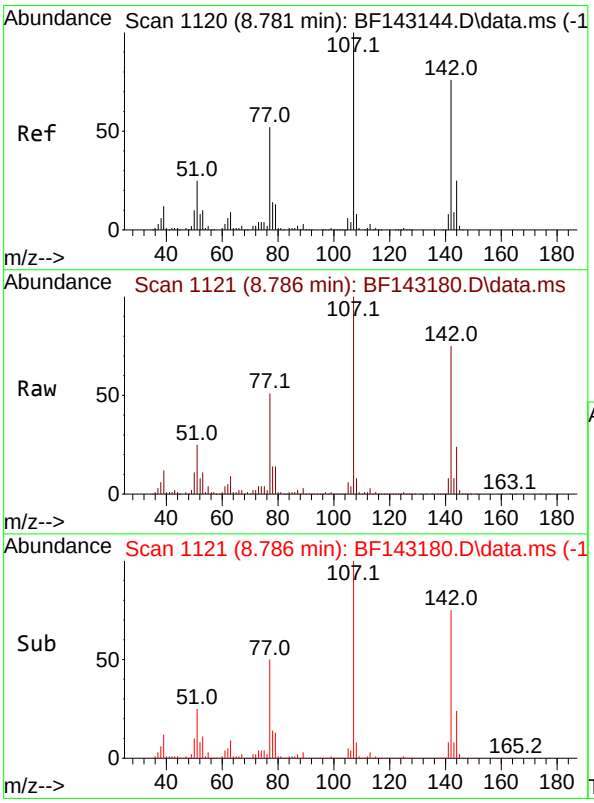
Ion	Ratio	Lower	Upper
113	100		
55	193.9	174.0	214.0
56	145.7	126.6	166.6

Instrument :
BNA_F
ClientSampleId :
RT2286MS

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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

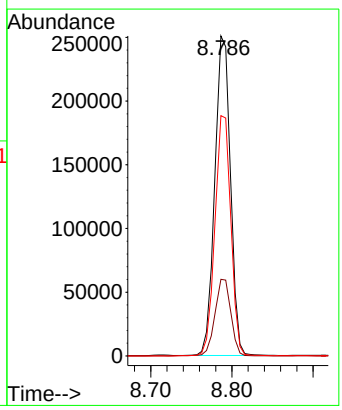


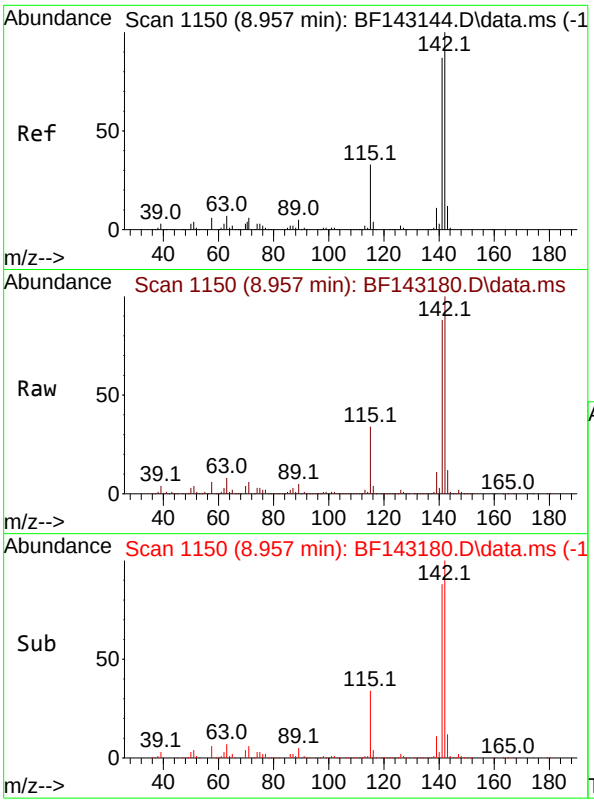


#36
4-Chloro-3-methylphenol
Concen: 46.079 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 337664

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.8	29.6
142	75.1	60.6	90.8





#37
2-Methylnaphthalene
Concen: 43.689 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

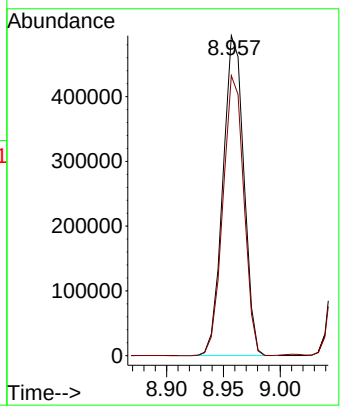
Tgt Ion:142 Resp: 63260

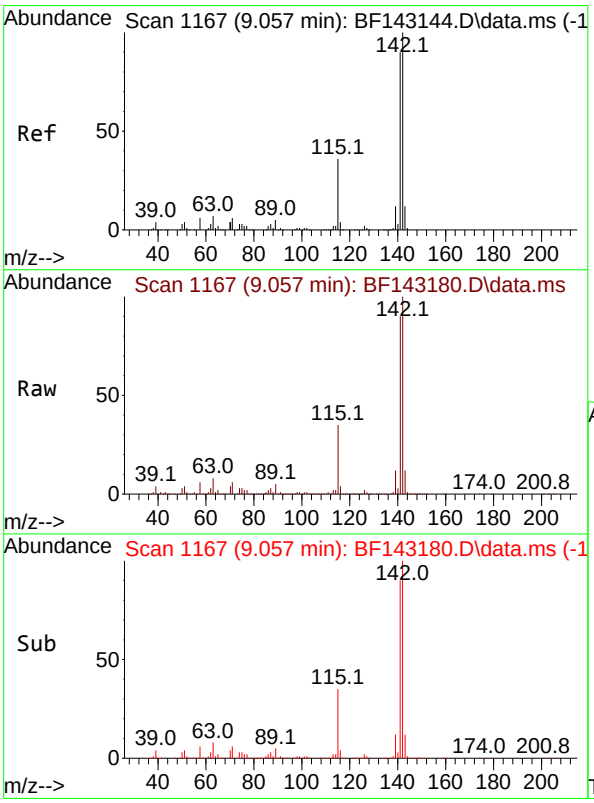
Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

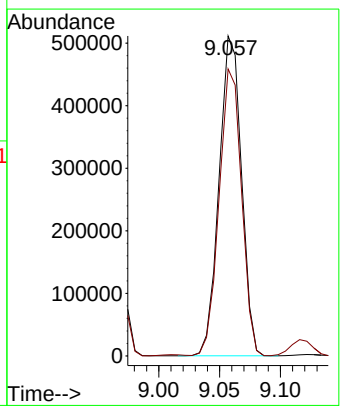


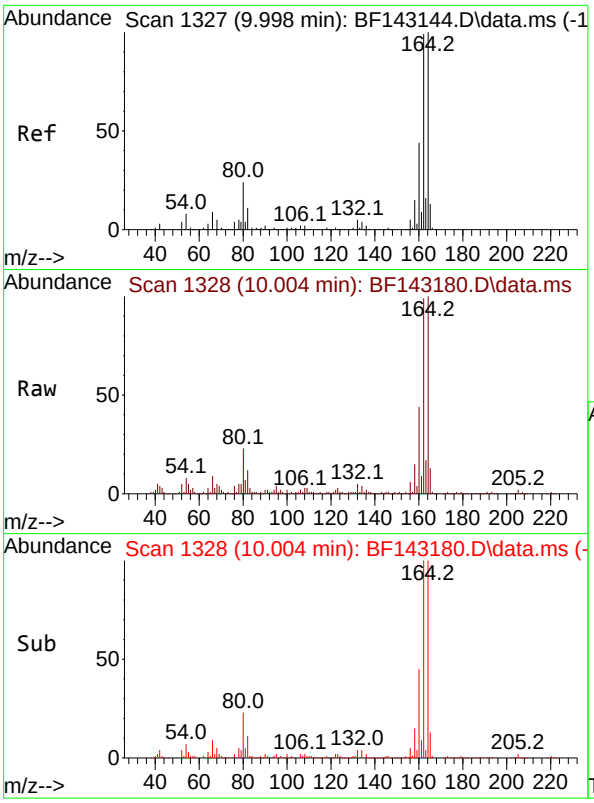


#38
1-Methylnaphthalene
Concen: 43.913 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:142 Resp: 654760

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5

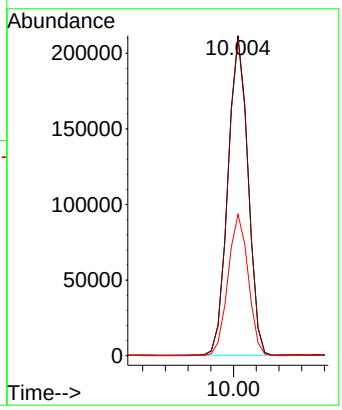




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:164 Resp: 25889

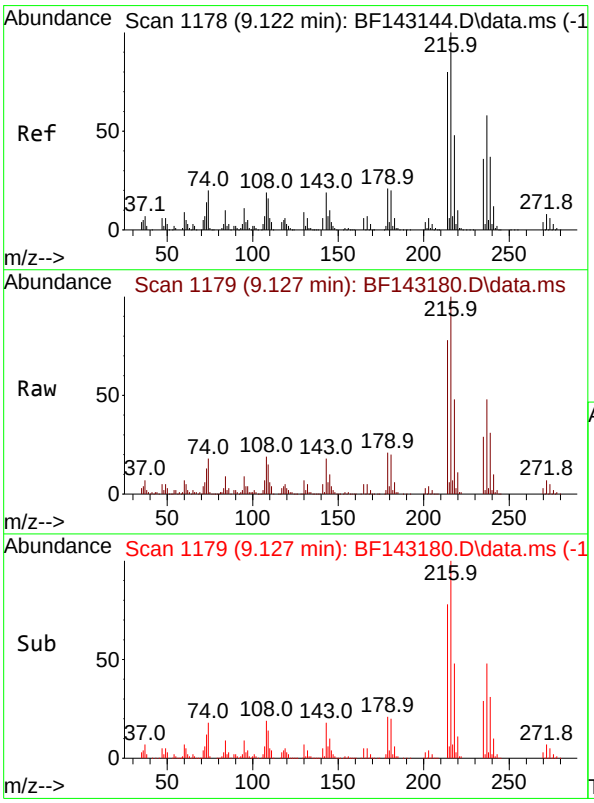
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.0	118.6
160	44.2	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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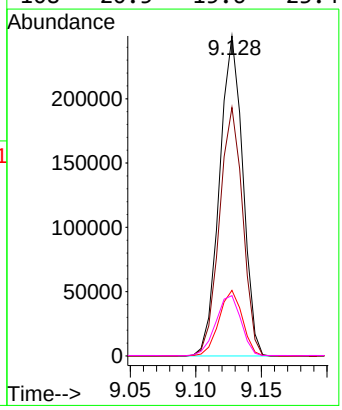
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

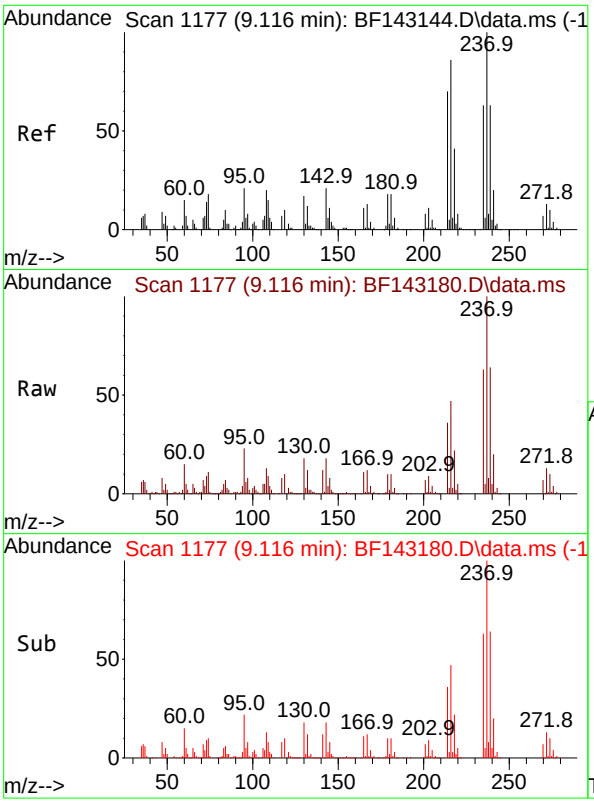


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.101 ng
RT: 9.127 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:216 Resp: 307216

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.8	95.8
179	20.6	16.4	24.6
108	20.5	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 55.342 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

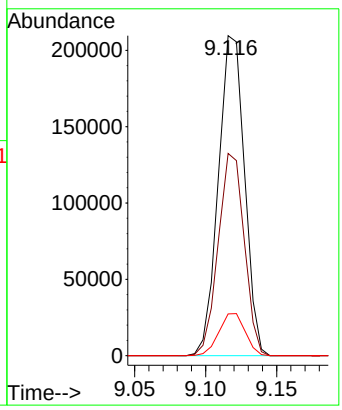
Tgt Ion:237 Resp: 26915

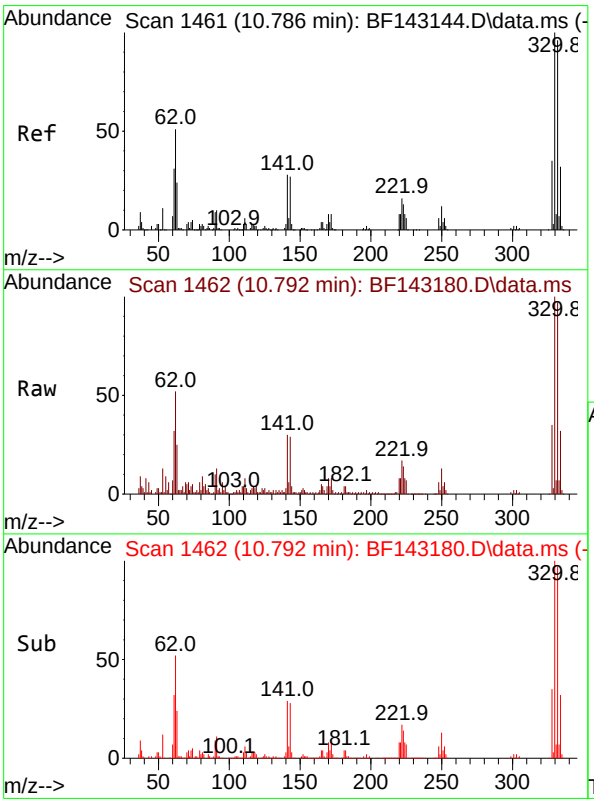
Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.1	0.0	33.3

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

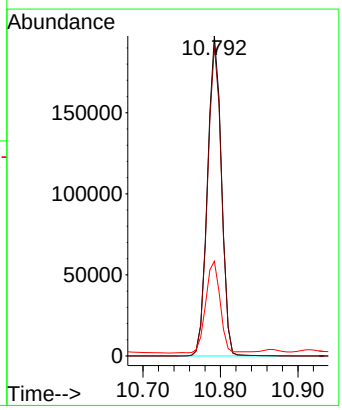


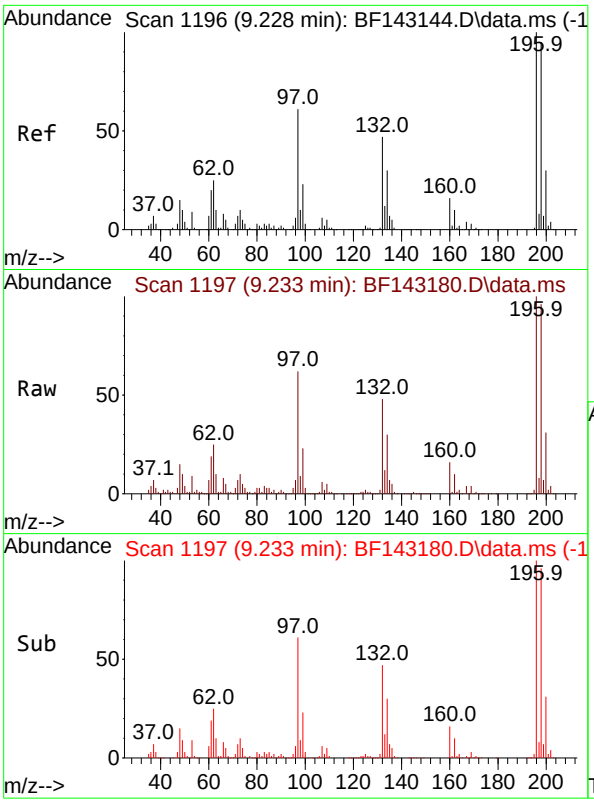


#42
2,4,6-Tribromophenol
Concen: 91.952 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:330 Resp: 245931

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.7	115.1
141	29.7	23.3	34.9

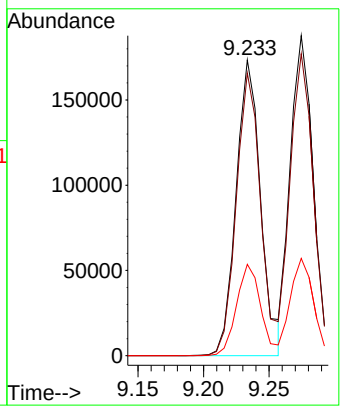




#43
2,4,6-Trichlorophenol
Concen: 43.631 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:196 Resp: 22570

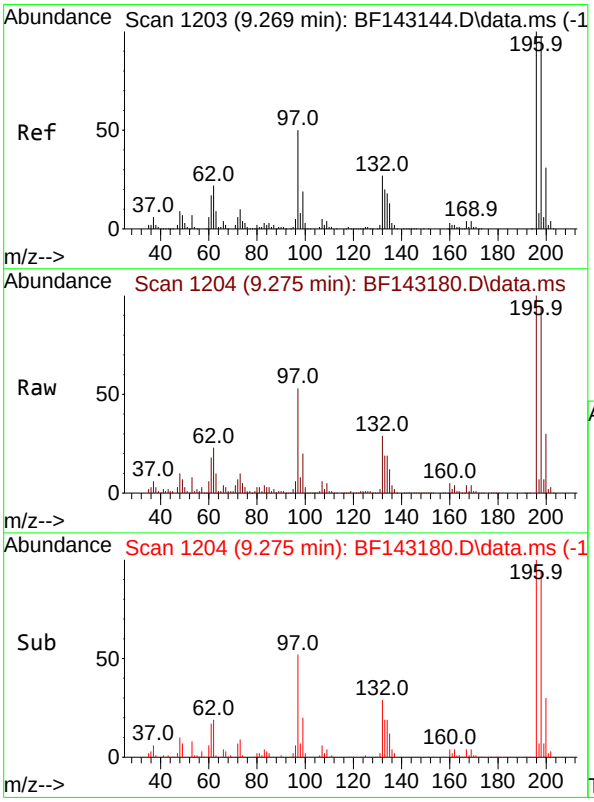
Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.2	114.2
200	30.9	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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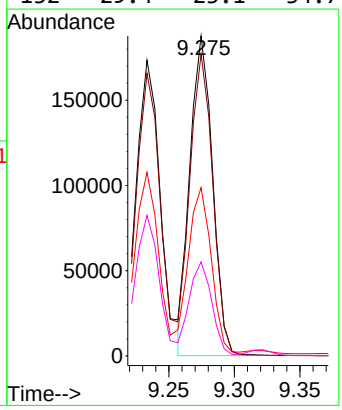
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

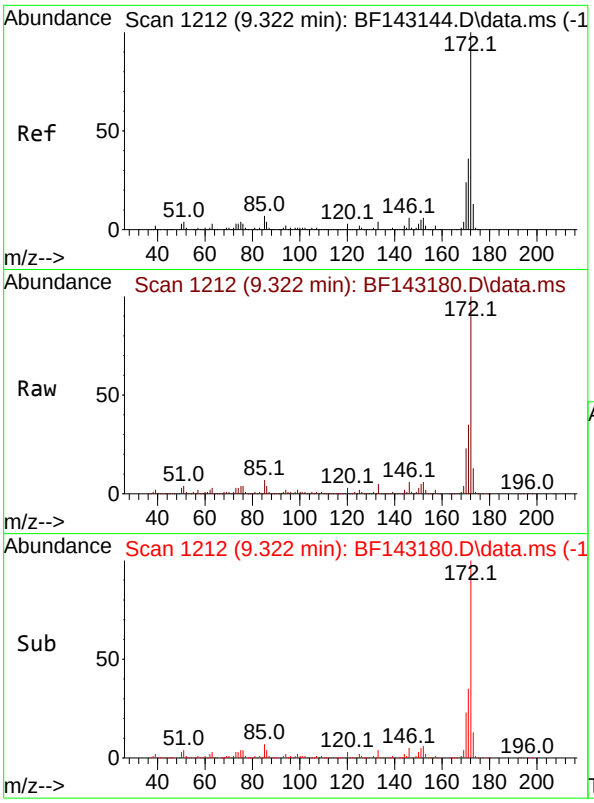


#44
2,4,5-Trichlorophenol
Concen: 43.678 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:196 Resp: 226021

Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.3	115.9
97	52.6	40.3	60.5
132	29.4	23.1	34.7

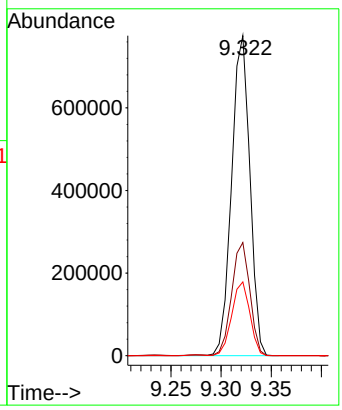




#45
2-Fluorobiphenyl
Concen: 51.991 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:172 Resp: 98422

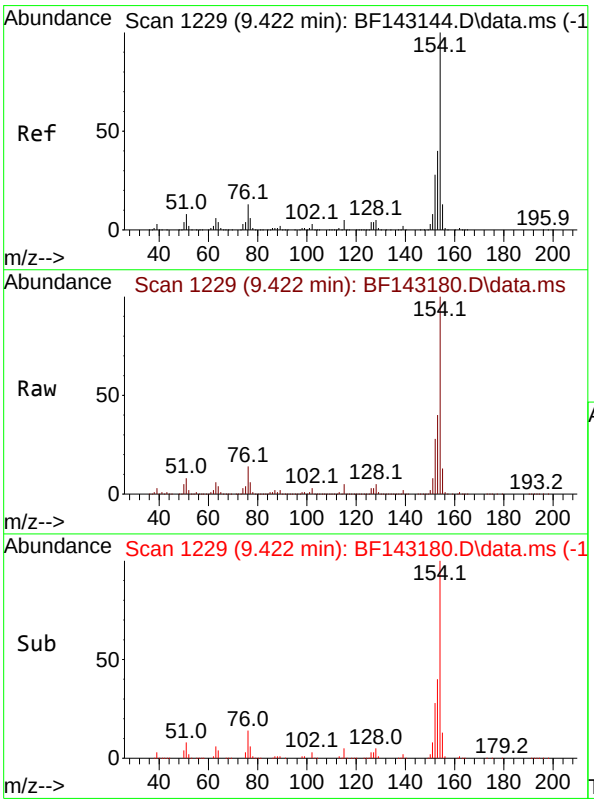
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.0	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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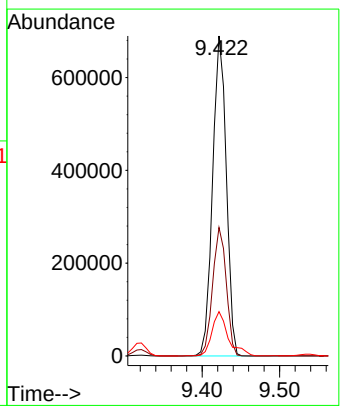
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

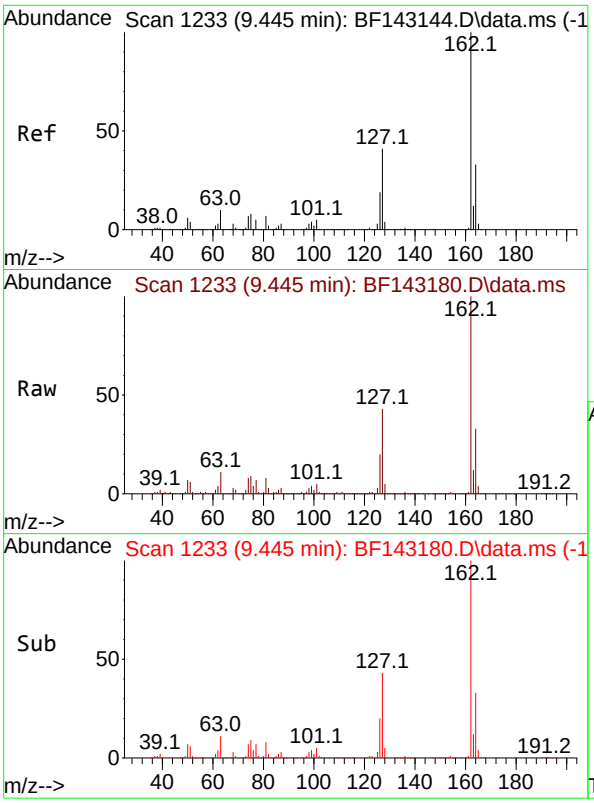


#46
1,1'-Biphenyl
Concen: 41.871 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 845751

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.9	0.0	33.3

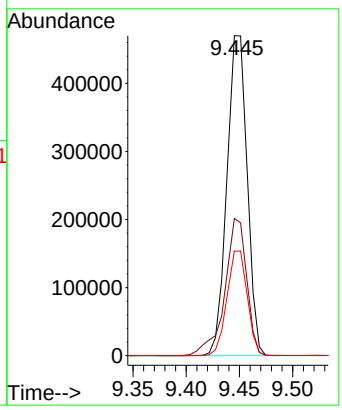




#47
2-Chloronaphthalene
Concen: 41.652 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:162 Resp: 62252

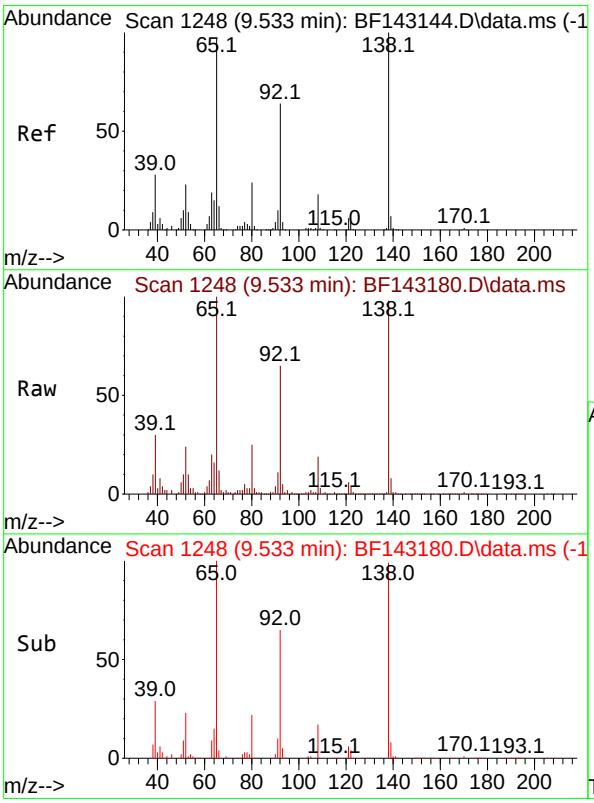
Ion	Ratio	Lower	Upper
162	100		
127	42.9	33.4	50.2
164	32.7	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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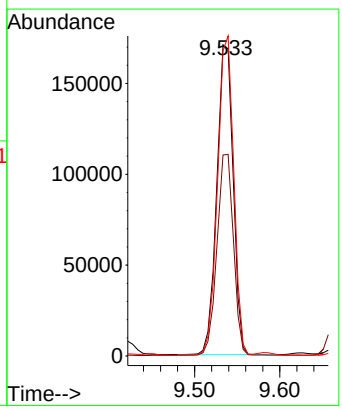
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

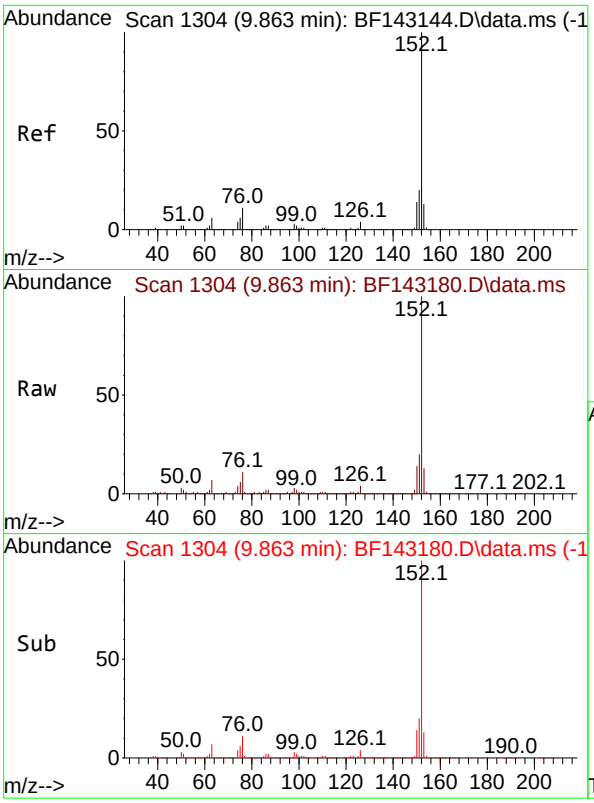


#48
2-Nitroaniline
Concen: 48.685 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 65 Resp: 228188

Ion	Ratio	Lower	Upper
65	100		
92	64.6	52.4	78.6
138	98.0	82.3	123.5





#49
Acenaphthylene
Concen: 42.895 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

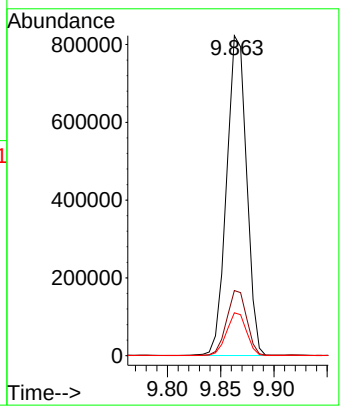
Tgt Ion:152 Resp: 107438

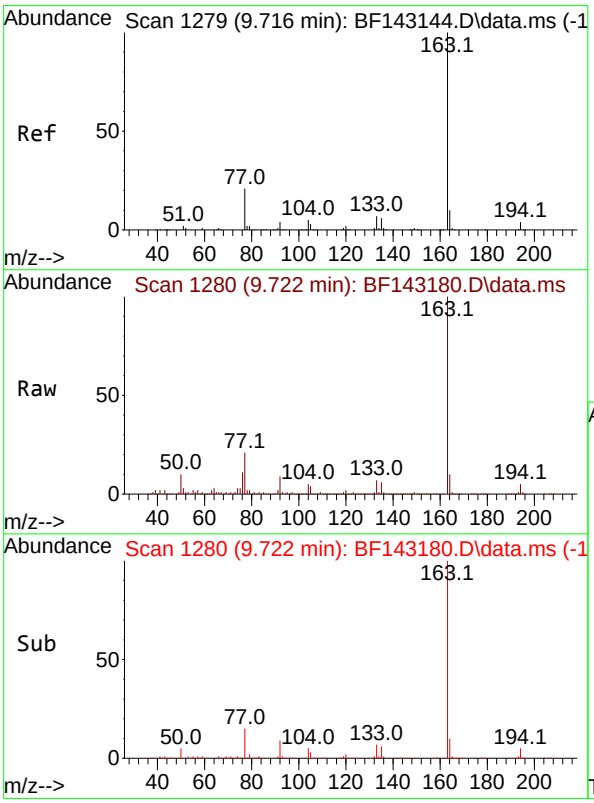
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.4	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

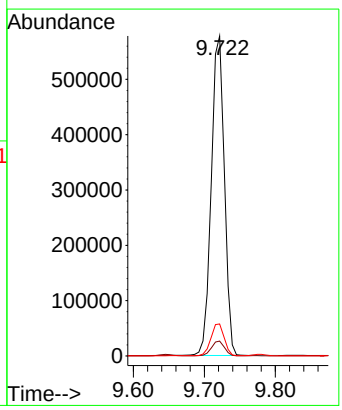


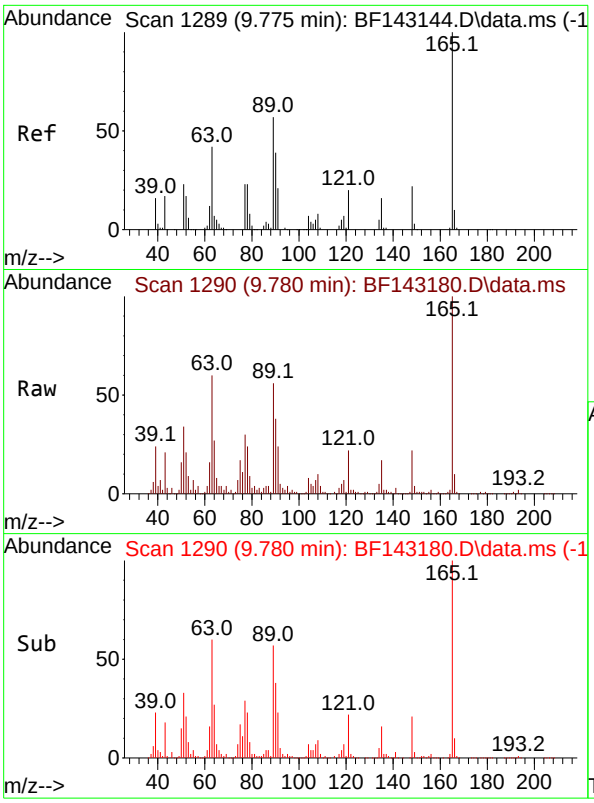


#50
Dimethylphthalate
Concen: 43.820 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:163 Resp: 739486

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 47.374 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

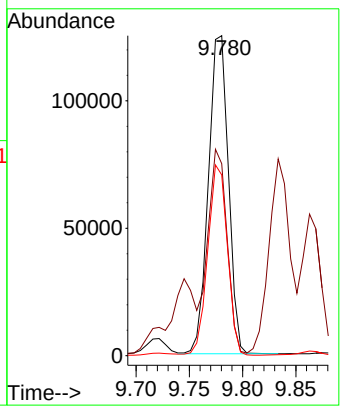
Tgt Ion:165 Resp: 16263

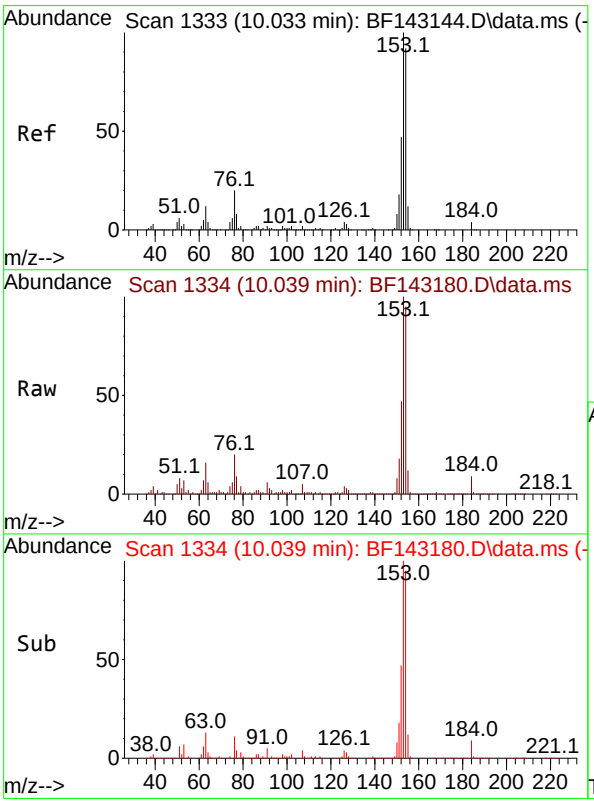
Ion	Ratio	Lower	Upper
165	100		
63	60.0	49.4	74.2
89	56.5	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

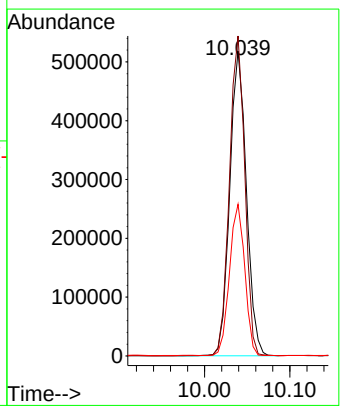


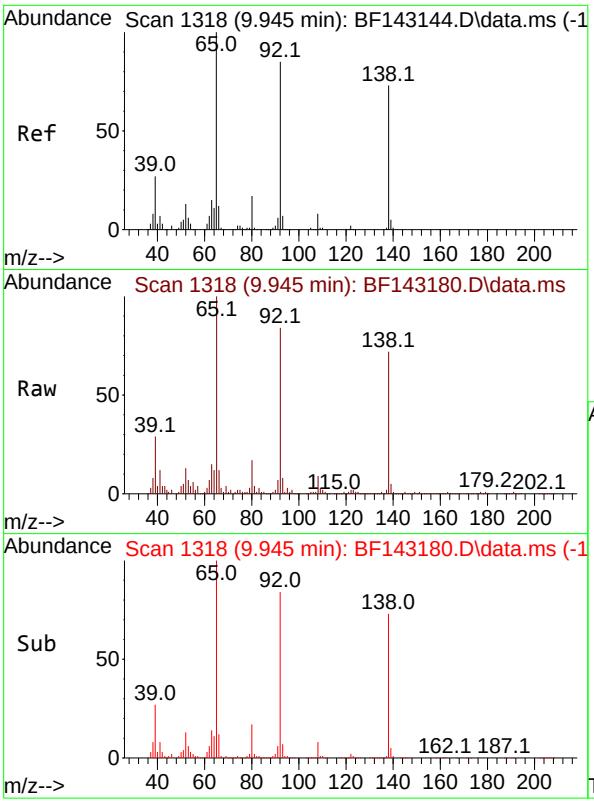


#52
Acenaphthene
Concen: 47.447 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 702409

Ion	Ratio	Lower	Upper
154	100		
153	105.0	86.6	129.8
152	49.7	40.4	60.6





#53
3-Nitroaniline
Concen: 37.411 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

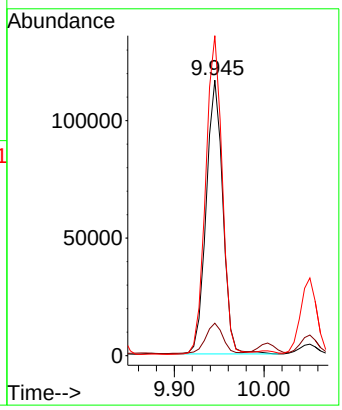
Tgt Ion:138 Resp: 15022

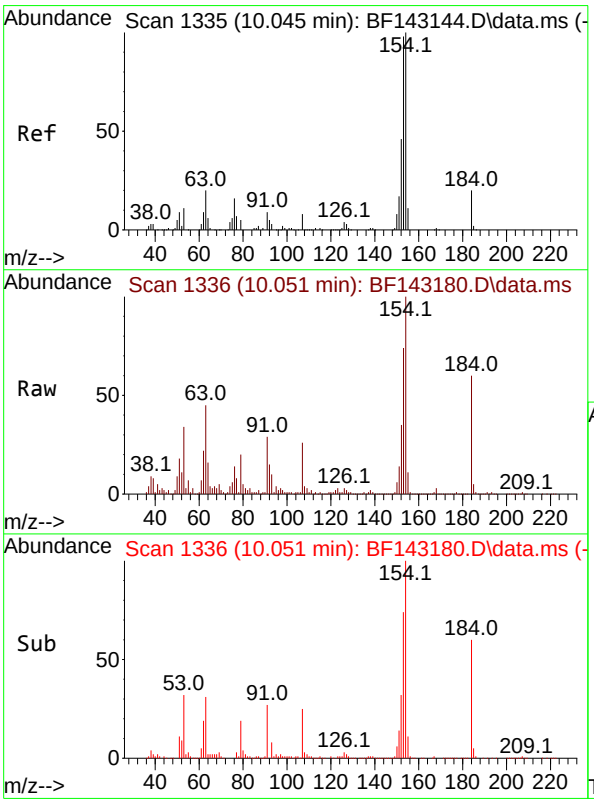
Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.0	13.6
92	116.1	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
RT2286MS

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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

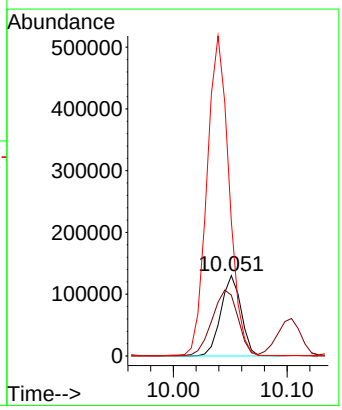


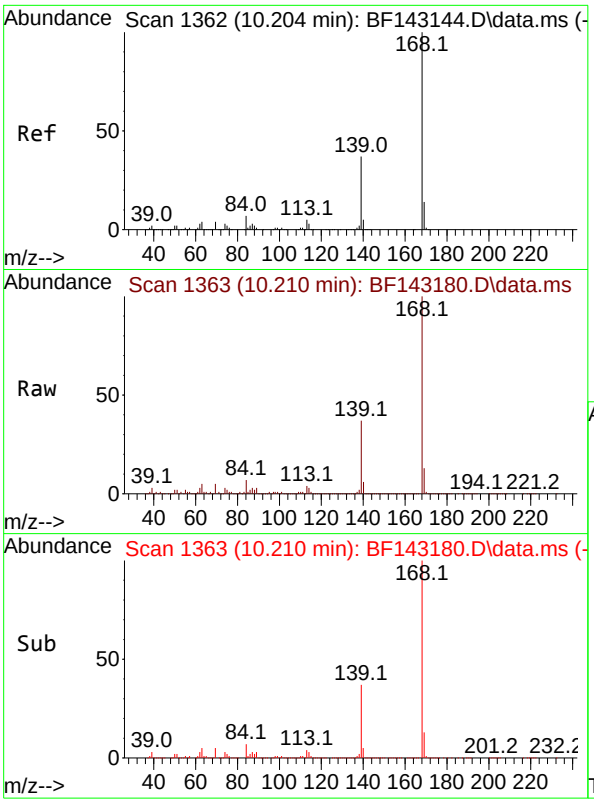


#54
2,4-Dinitrophenol
Concen: 101.891 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:184 Resp: 161630

Ion	Ratio	Lower	Upper
184	100		
63	75.6	81.8	122.6#
154	167.8	412.2	618.4#

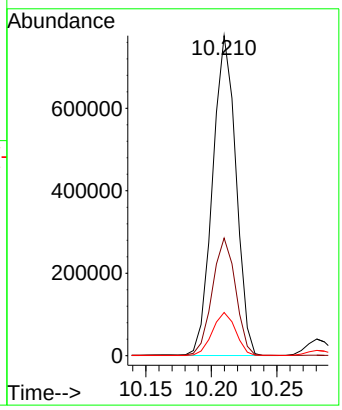




#55
Dibenzofuran
Concen: 43.628 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:168 Resp: 95890

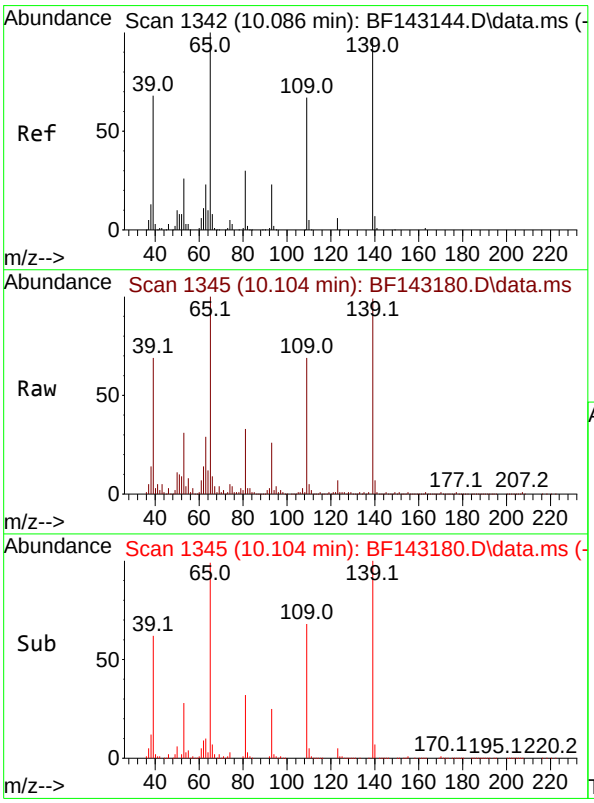
Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.5	44.3
169	13.5	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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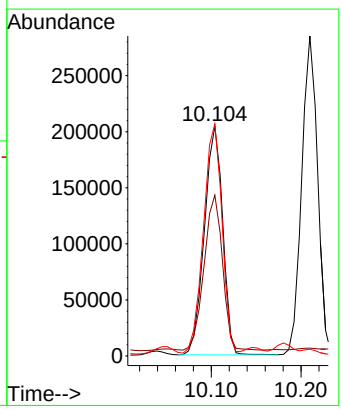
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

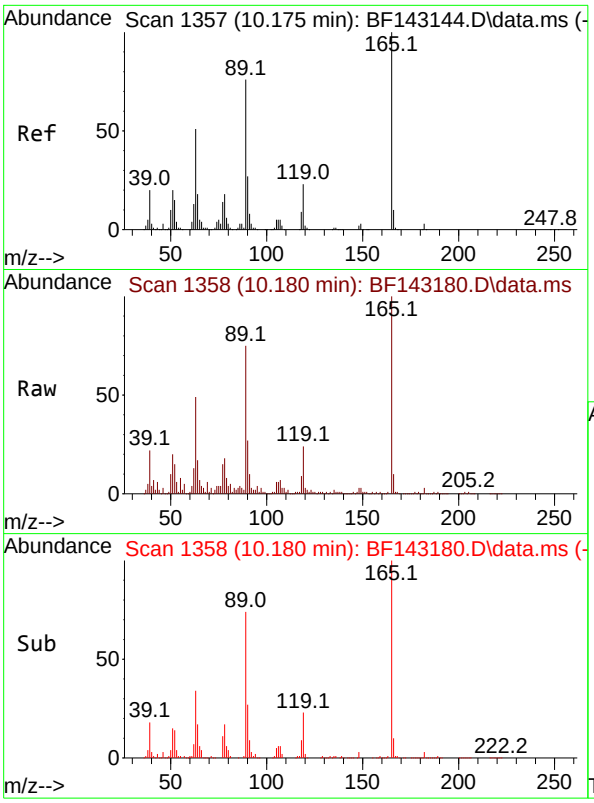


#56
4-Nitrophenol
Concen: 96.784 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 290208

Ion	Ratio	Lower	Upper
139	100		
109	70.0	48.5	88.5
65	101.0	83.4	123.4

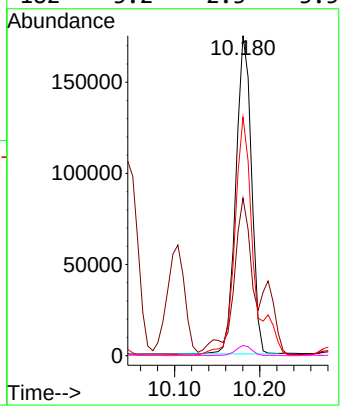




#57
2,4-Dinitrotoluene
Concen: 51.692 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:165 Resp: 22263

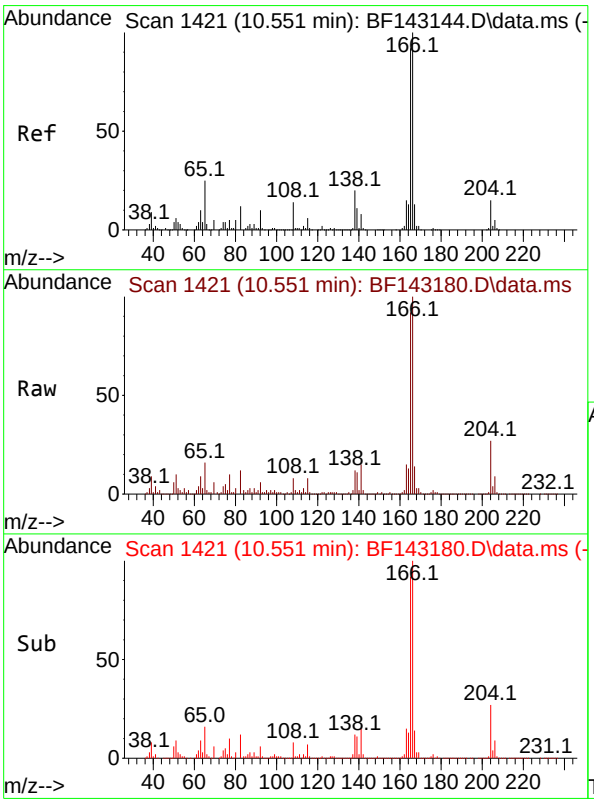
Ion	Ratio	Lower	Upper
165	100		
63	49.3	41.0	61.4
89	74.5	61.1	91.7
182	3.2	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

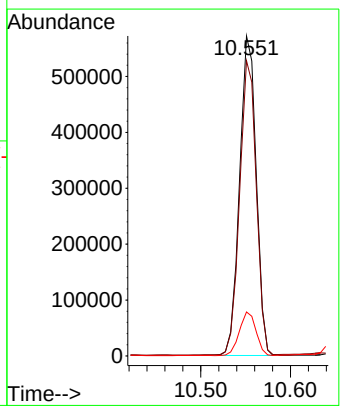
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

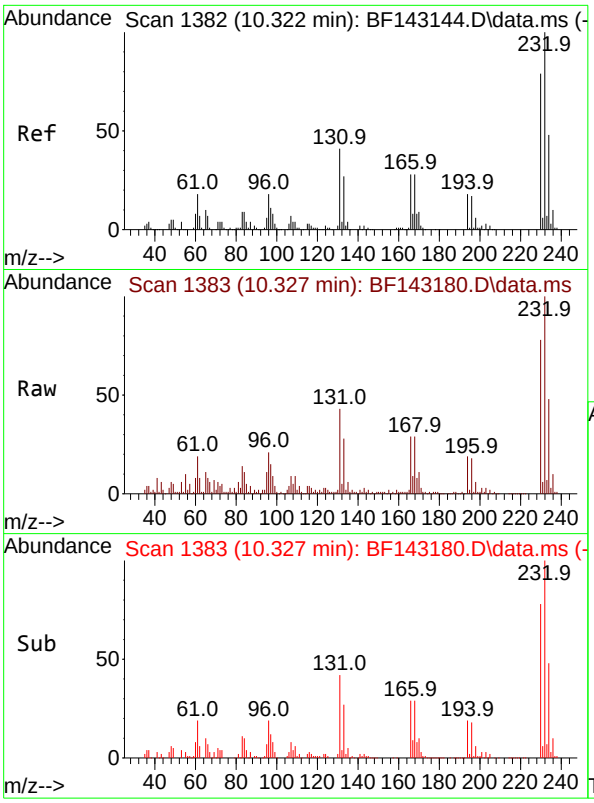


#58
Fluorene
Concen: 44.574 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:166 Resp: 735293

Ion	Ratio	Lower	Upper
166	100		
165	92.3	73.7	110.5
167	13.7	10.6	16.0

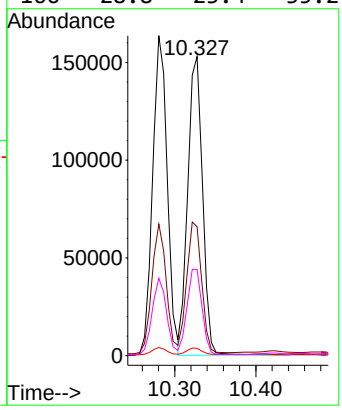




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.297 ng
RT: 10.327 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:232 Resp: 19416

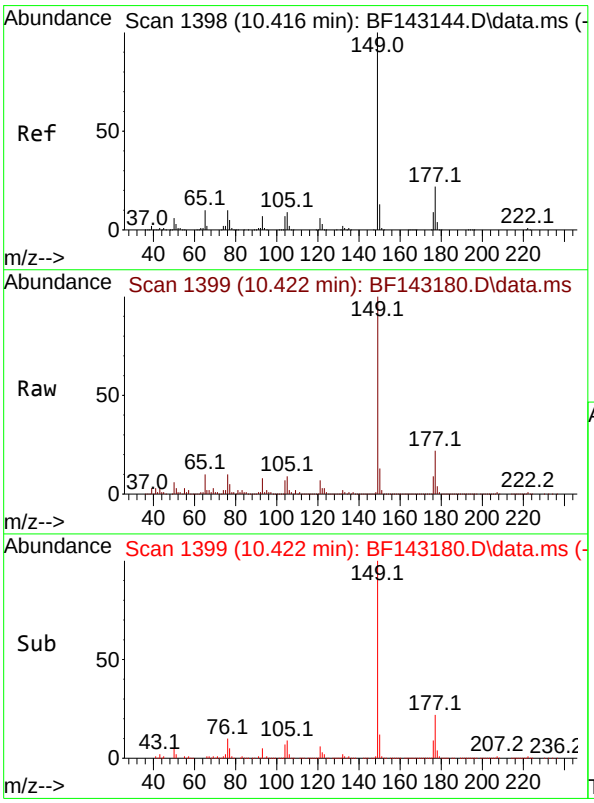
Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.3	52.9
130	2.4	1.7	2.5
166	28.8	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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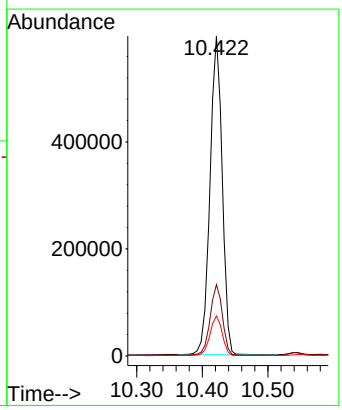
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

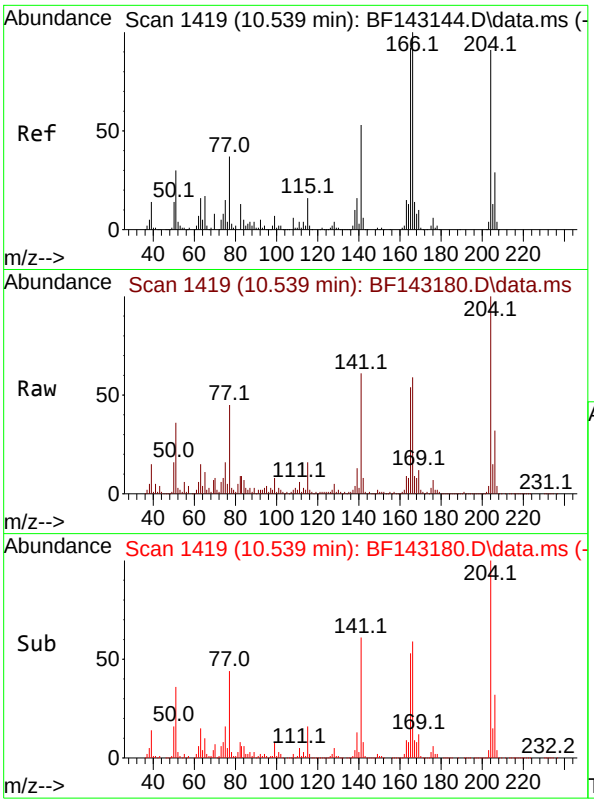


#60
Diethylphthalate
Concen: 46.169 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 770106

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.5	26.3
150	12.5	10.2	15.2

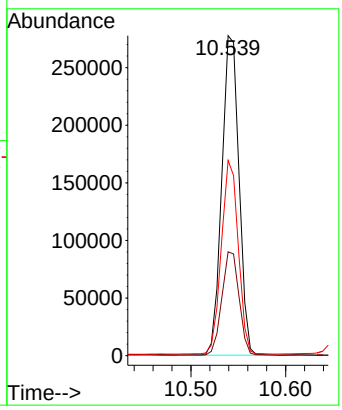




#61
4-Chlorophenyl-phenylether
Concen: 42.644 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:204 Resp: 35027

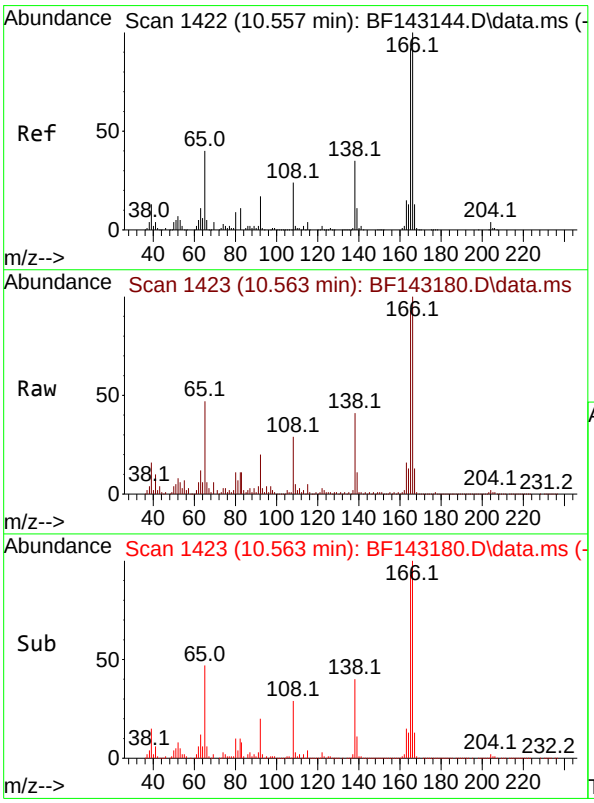
Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.8
141	61.0	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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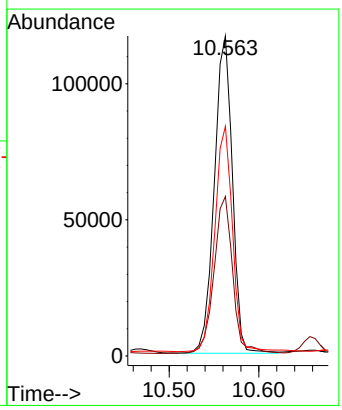
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

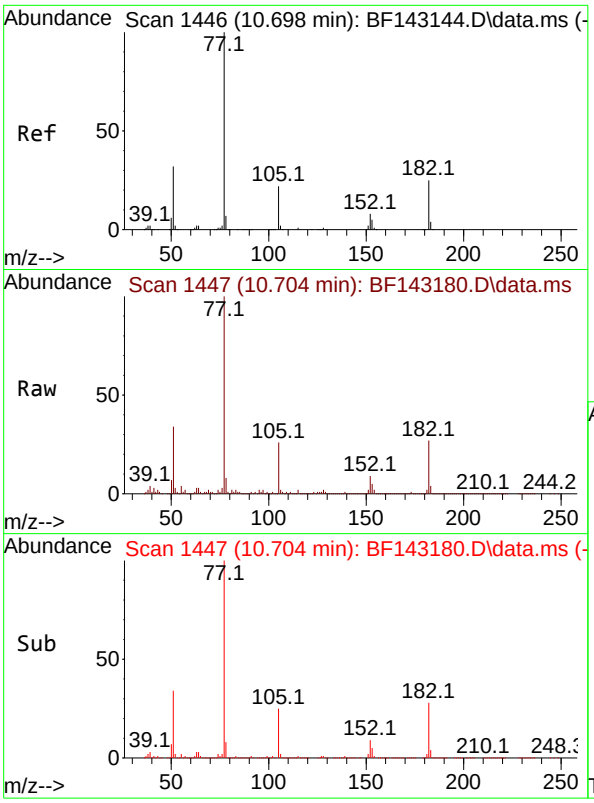


#62
4-Nitroaniline
Concen: 47.227 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:138 Resp: 162531

Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.3	69.3
108	71.8	48.3	88.3

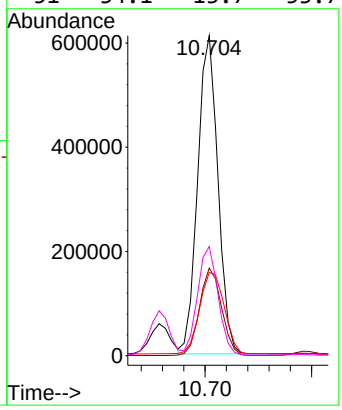




#63
Azobenzene
Concen: 46.418 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 80694

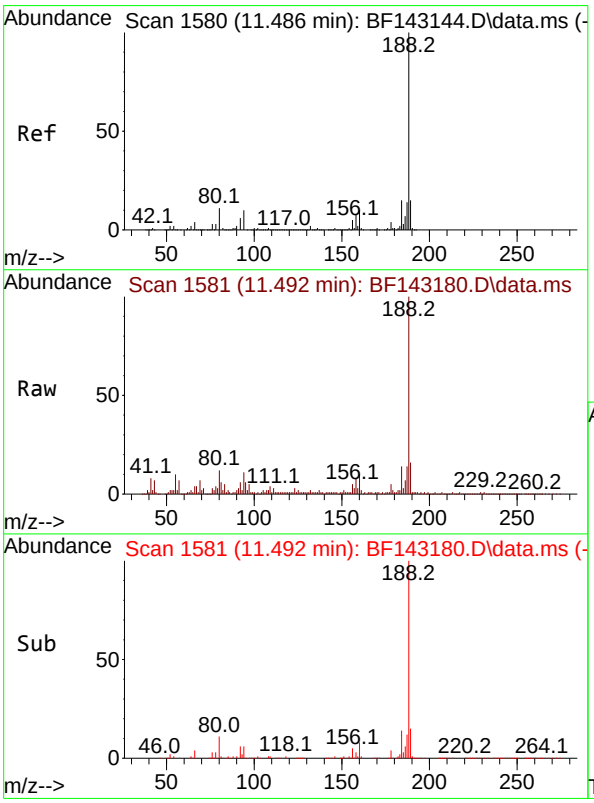
Ion	Ratio	Lower	Upper
77	100		
182	27.4	4.6	44.6
105	26.0	1.4	41.4
51	34.1	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

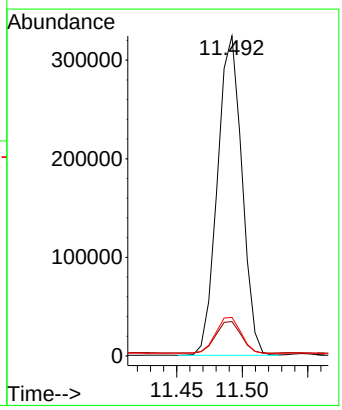
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

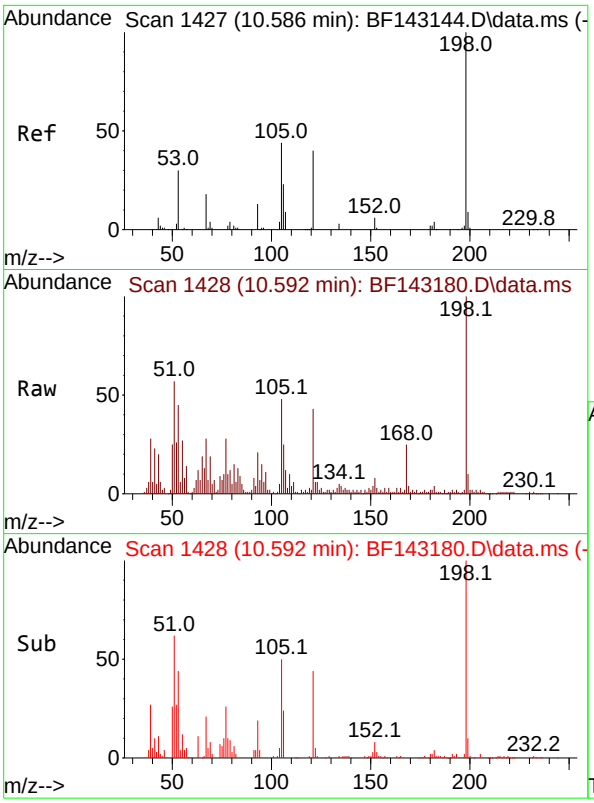


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:188 Resp: 420723

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	12.1	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.125 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

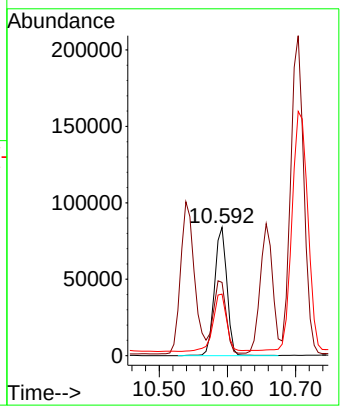
Tgt Ion:198 Resp: 10617

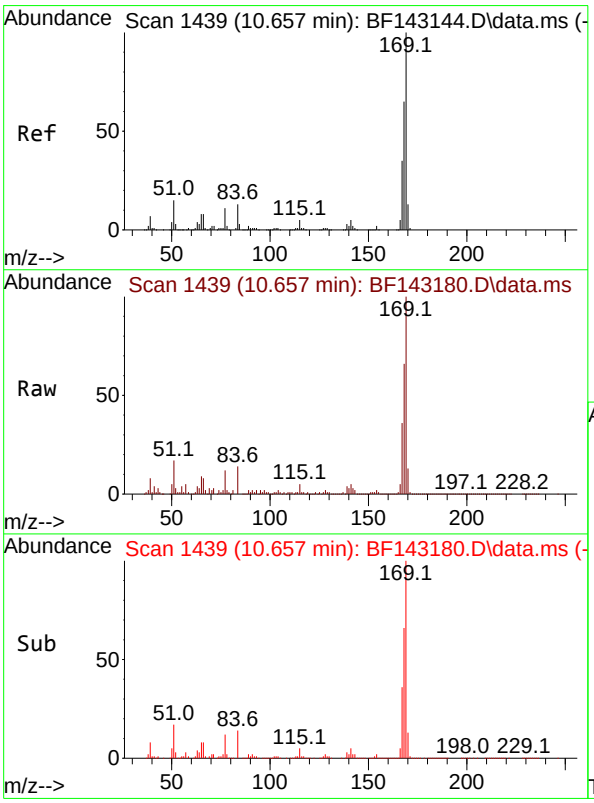
Ion	Ratio	Lower	Upper
198	100		
51	57.2	37.2	77.2
105	48.1	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

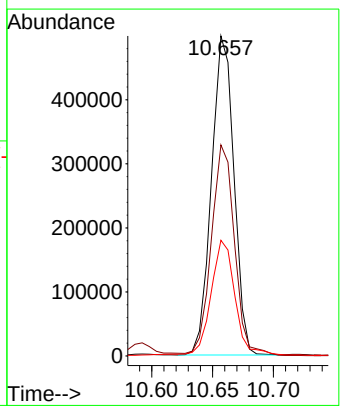


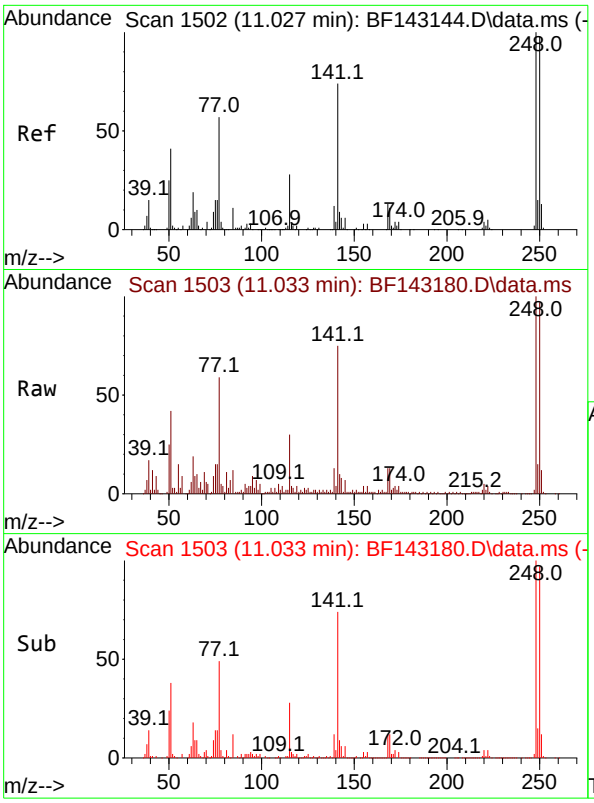


#66
n-Nitrosodiphenylamine
Concen: 43.218 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:169 Resp: 640269

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.1	78.1
167	36.2	28.2	42.2

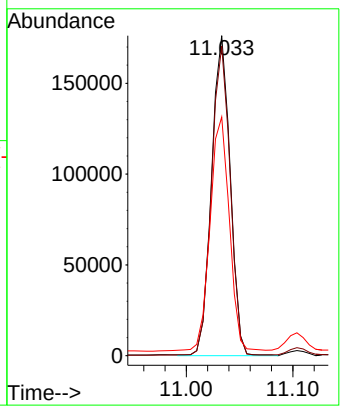




#67
4-Bromophenyl-phenylether
Concen: 42.890 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:248 Resp: 21504

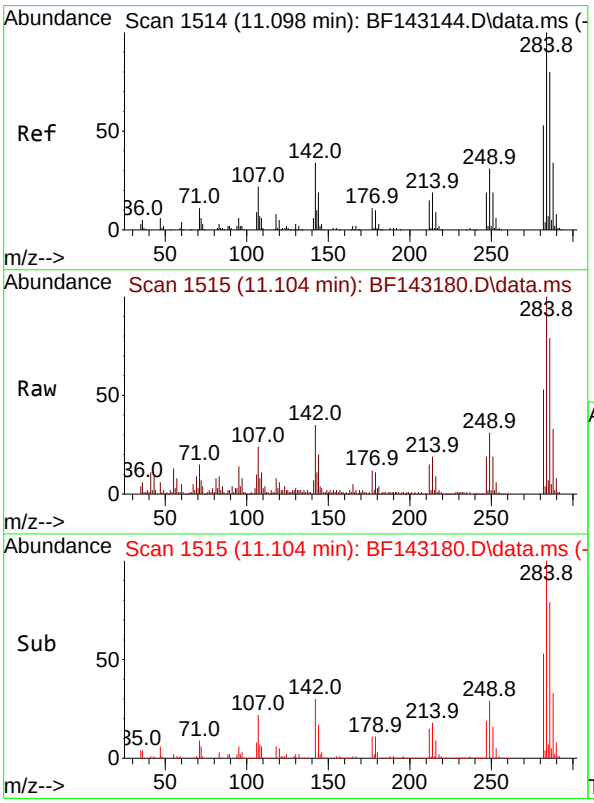
Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.3	117.5
141	74.6	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

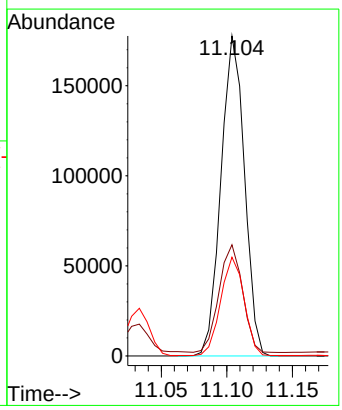
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

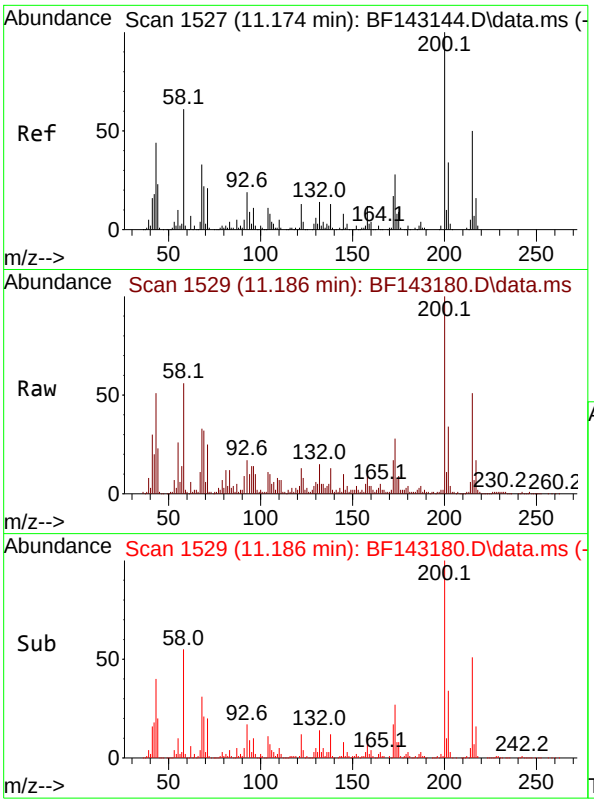


#68
Hexachlorobenzene
Concen: 42.221 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:284 Resp: 221260

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.0	40.6
249	30.9	25.0	37.6

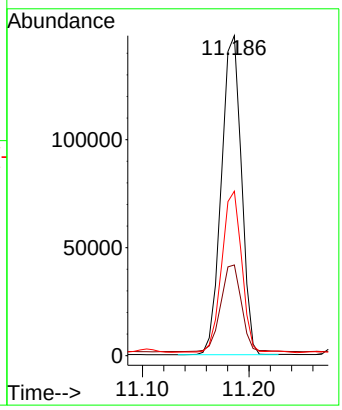




#69
Atrazine
Concen: 47.184 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:200 Resp: 19271

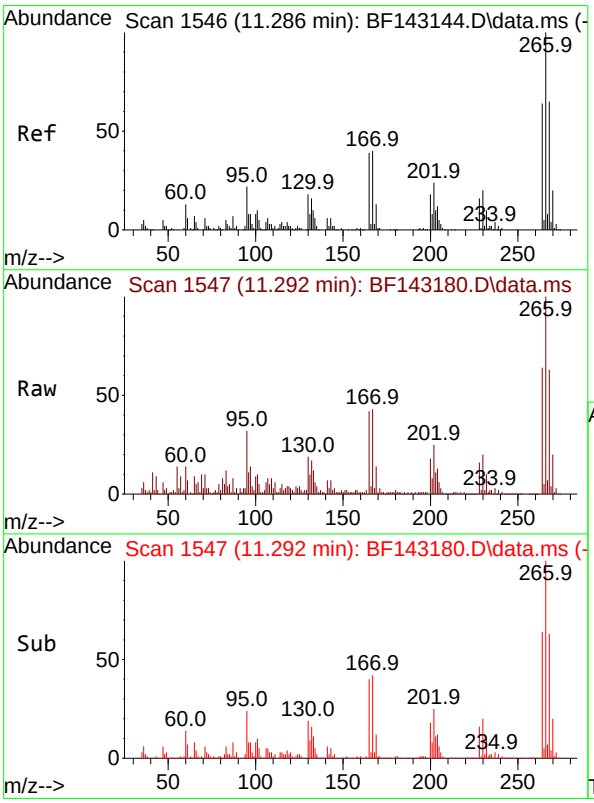
Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.9	47.9
215	51.4	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

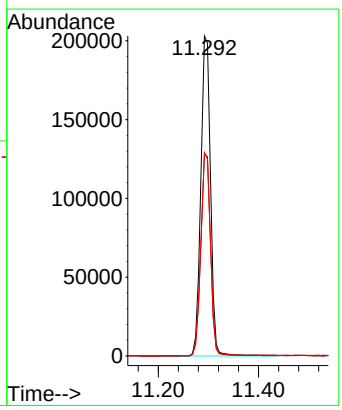
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

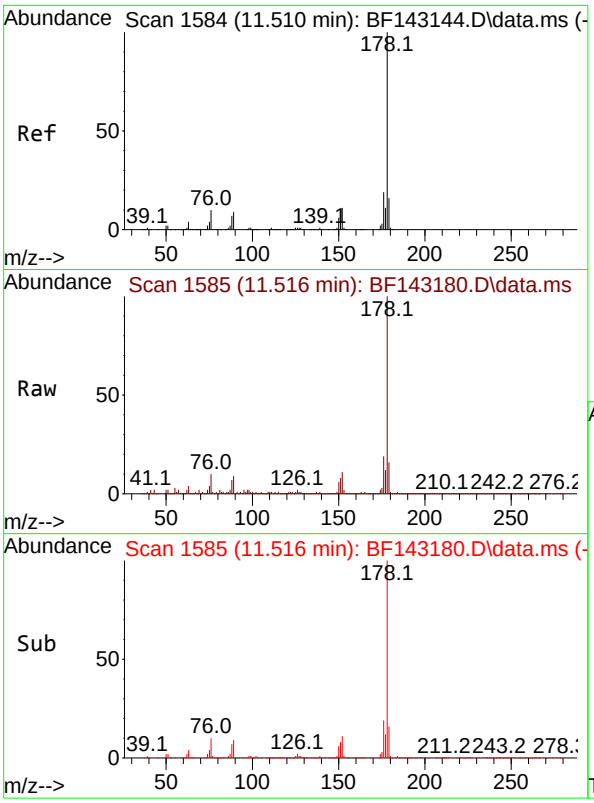


#70
Pentachlorophenol
Concen: 88.880 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:266 Resp: 273917

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	63.5	51.0	76.6

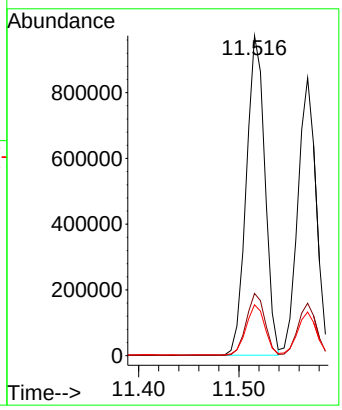




#71
Phenanthrene
Concen: 56.049 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:178 Resp: 125208

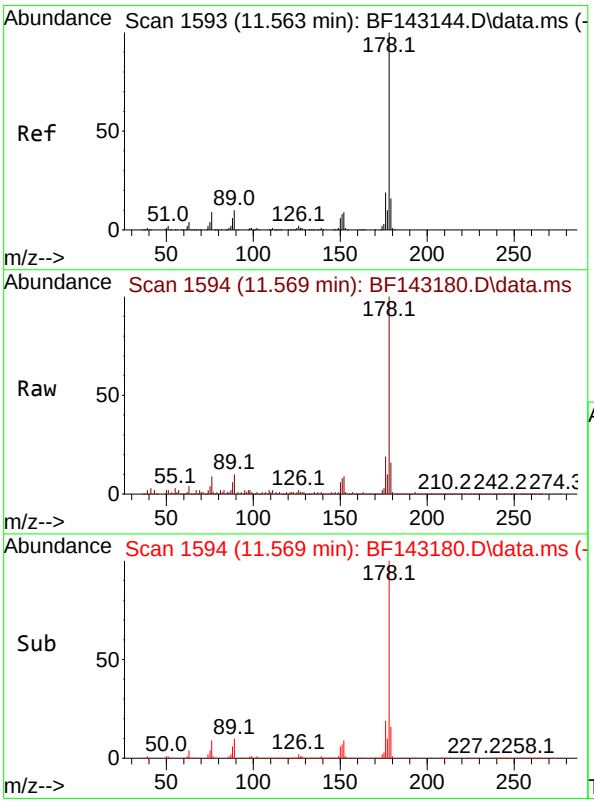
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.9	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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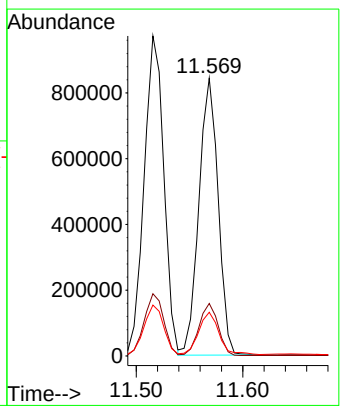
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

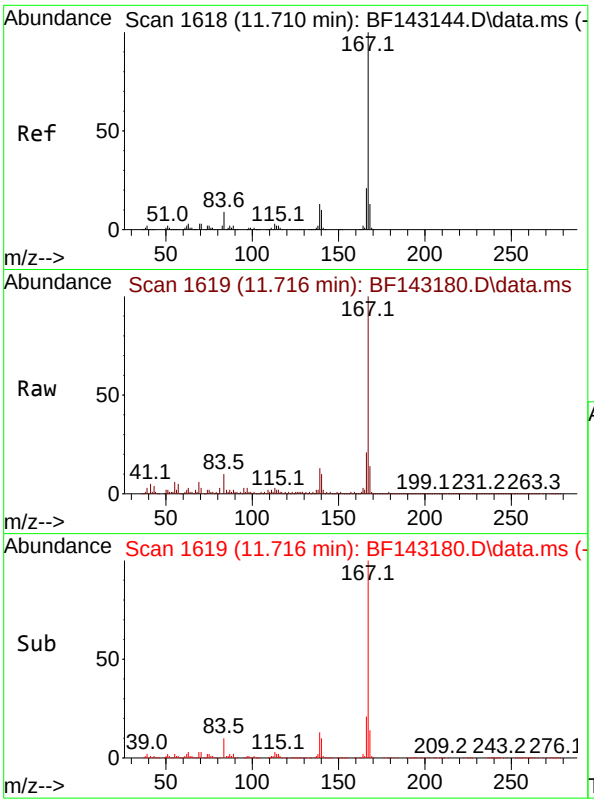


#72
Anthracene
Concen: 46.522 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:178 Resp: 1059941

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.7	12.5	18.7

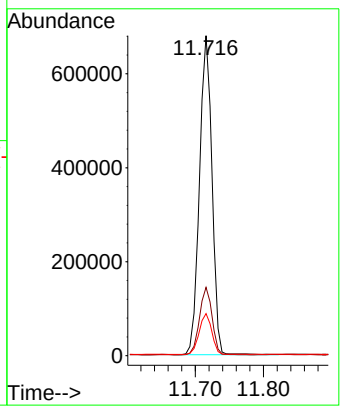




#73
Carbazole
Concen: 43.563 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:167 Resp: 86666

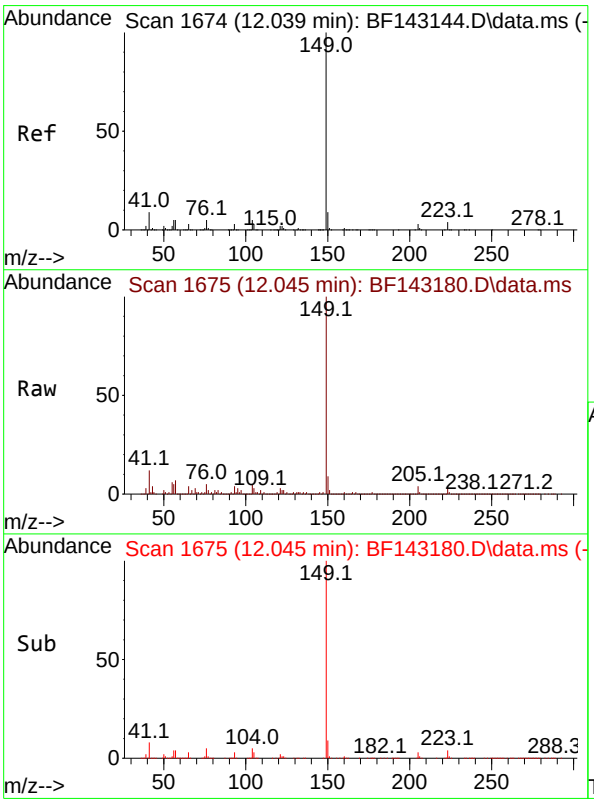
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.2	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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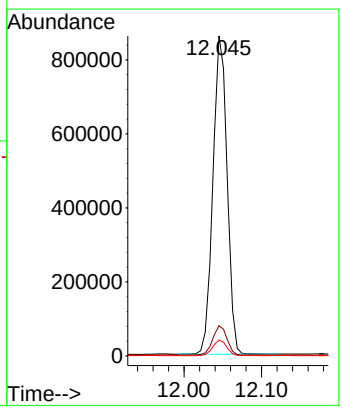
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

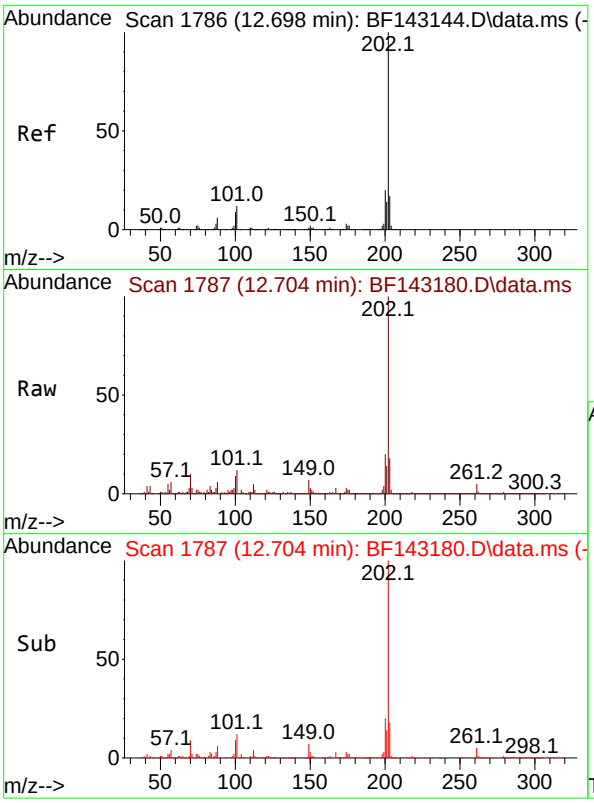


#74
Di-n-butylphthalate
Concen: 48.409 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 1089699

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.0	3.8	5.8





#75
Fluoranthene
Concen: 65.437 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

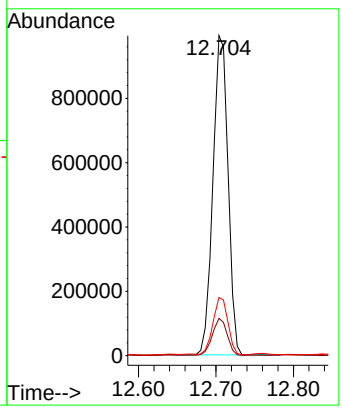
Tgt Ion:202 Resp: 134174

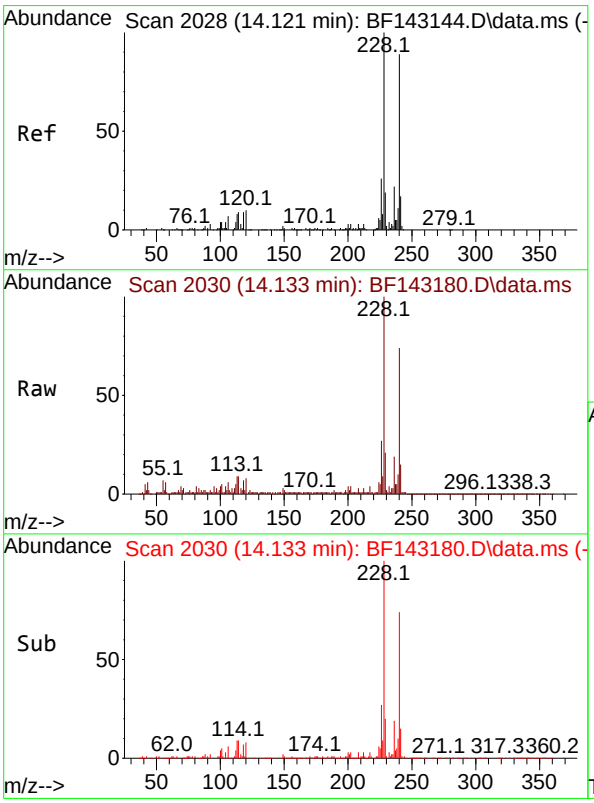
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	18.2	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

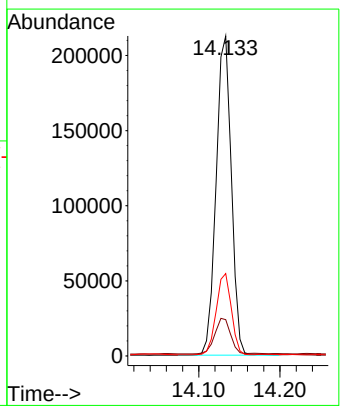


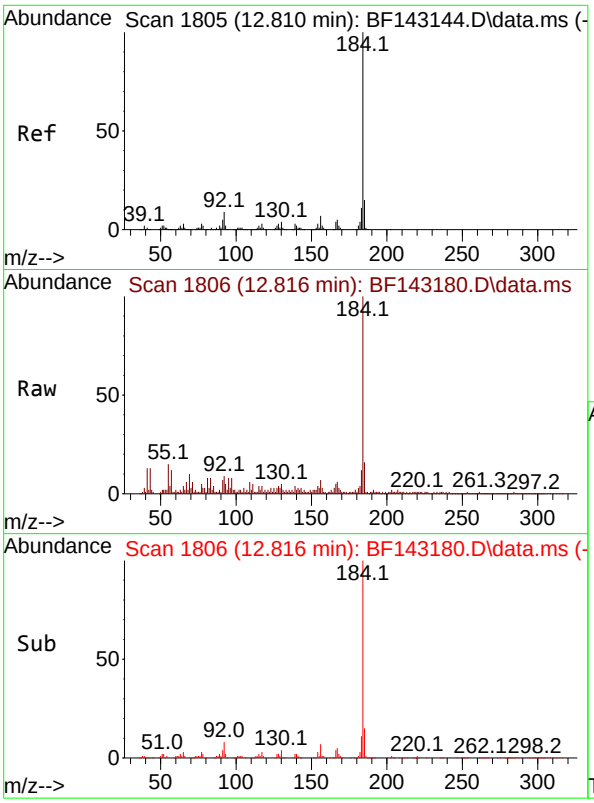


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:240 Resp: 277520

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	25.7	20.2	30.4

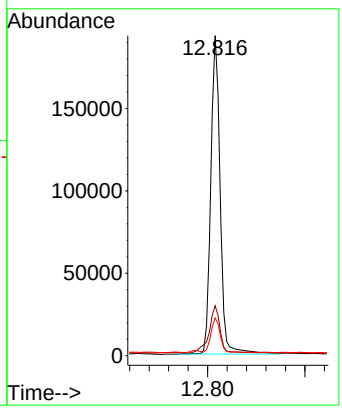




#77
Benzidine
Concen: 24.042 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:184 Resp: 25705

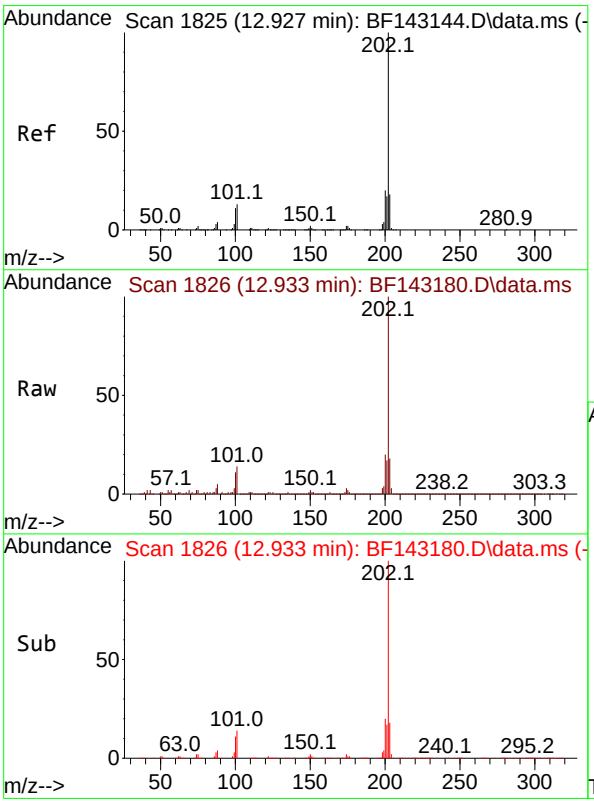
Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.4
183	11.8	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

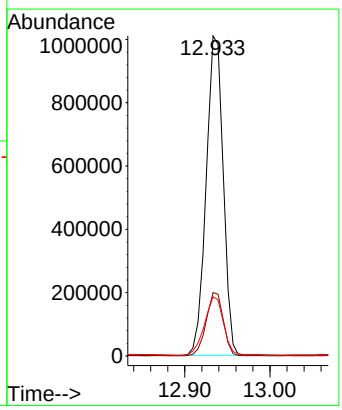
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

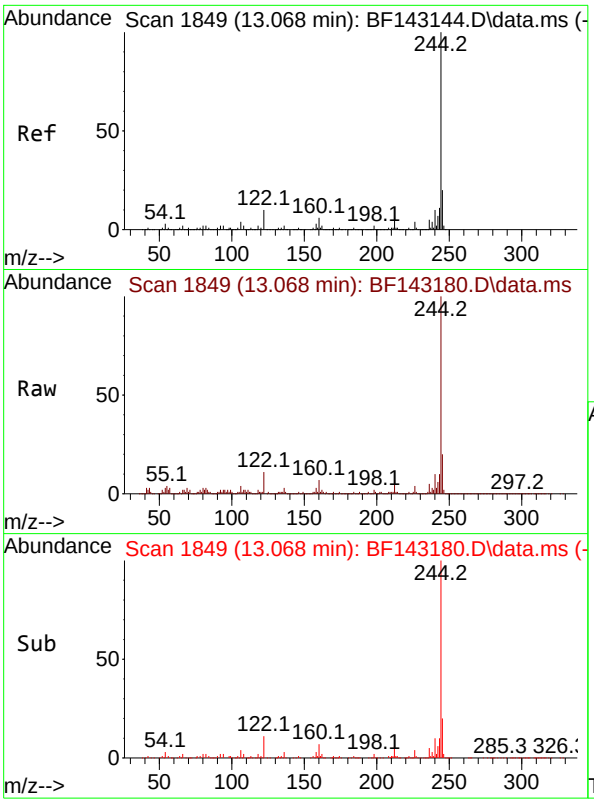


#78
Pyrene
Concen: 59.322 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:202 Resp: 1405043

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	18.5	14.2	21.2

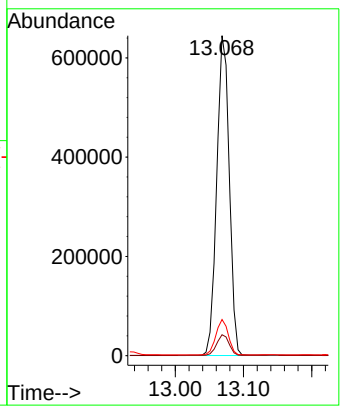




#79
Terphenyl-d14
Concen: 44.195 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:244 Resp: 82420

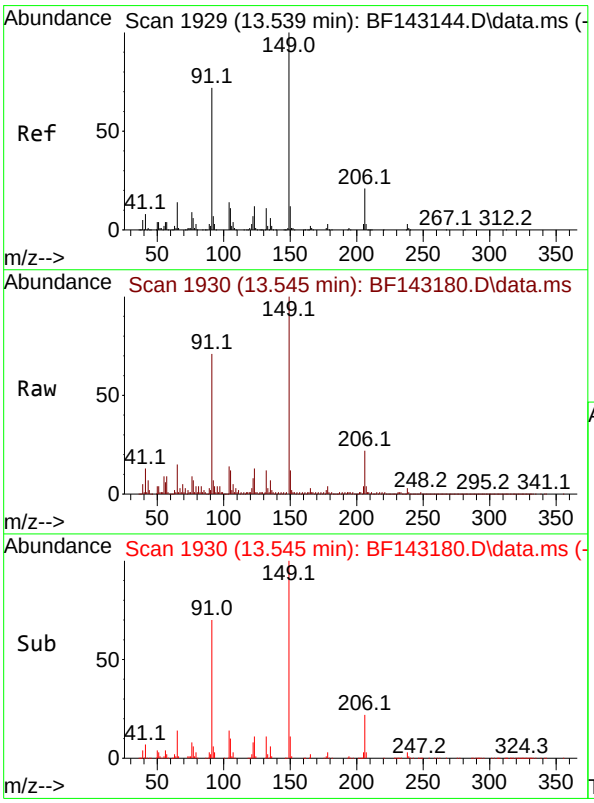
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

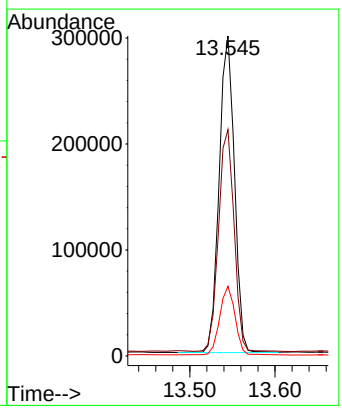
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

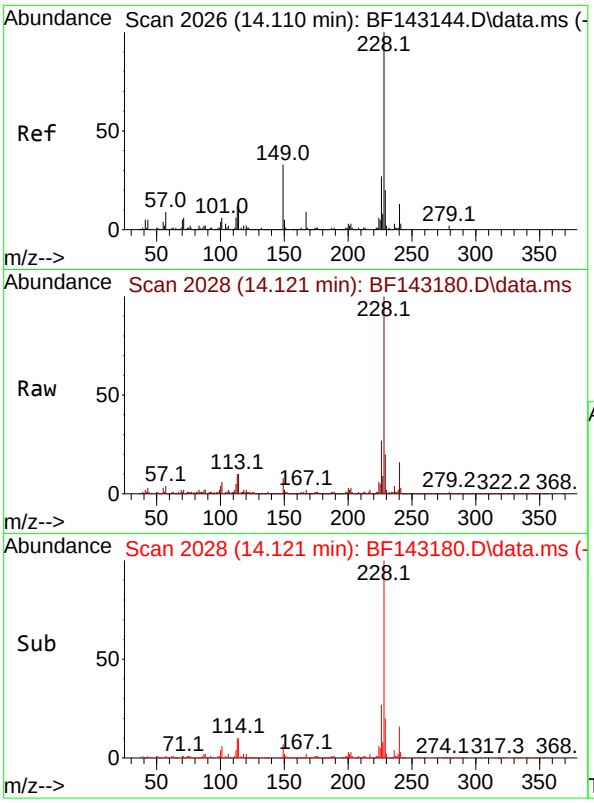


#80
Butylbenzylphthalate
Concen: 51.381 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 372649

Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.9	86.9
206	21.8	17.0	25.4

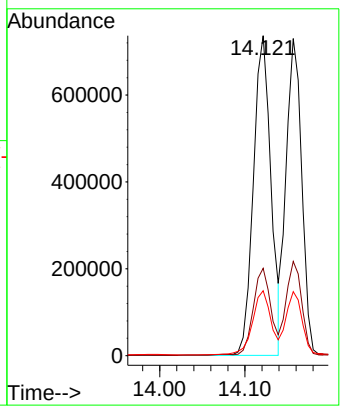




#81
Benzo(a)anthracene
Concen: 56.825 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:228 Resp: 105581

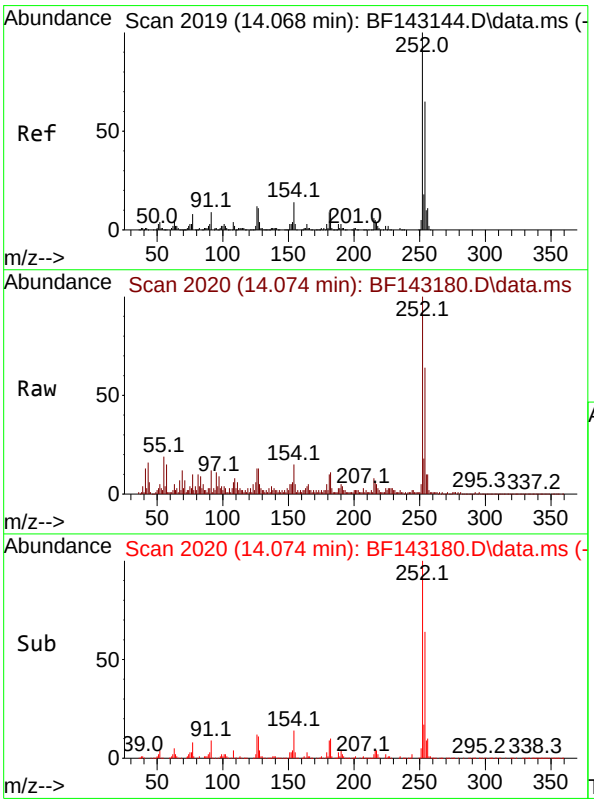
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	20.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

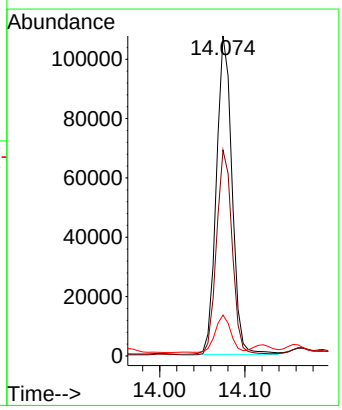
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

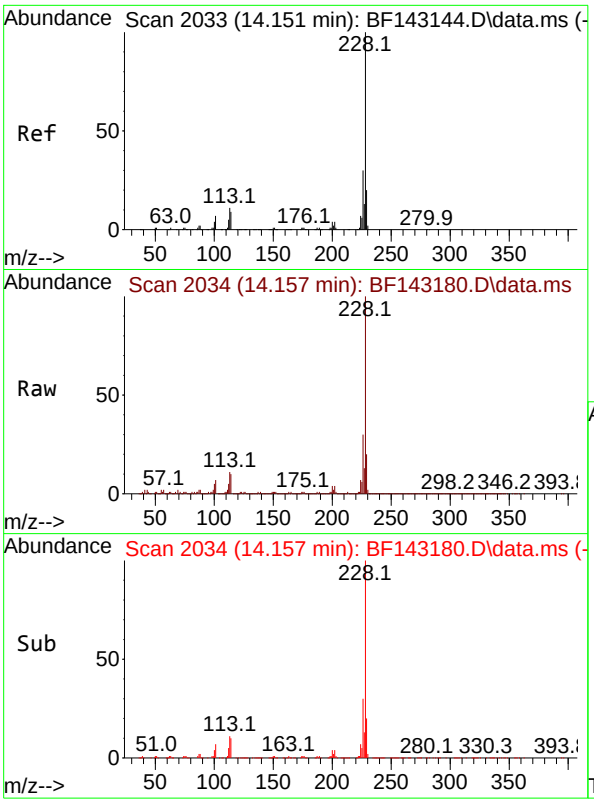


#82
3,3'-Dichlorobenzidine
Concen: 22.108 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 136903

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	12.8	9.4	14.0





#83
Chrysene
Concen: 55.460 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

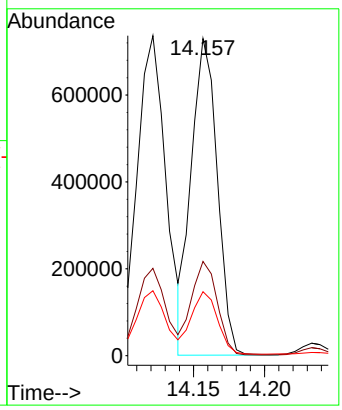
Tgt Ion:228 Resp: 92647

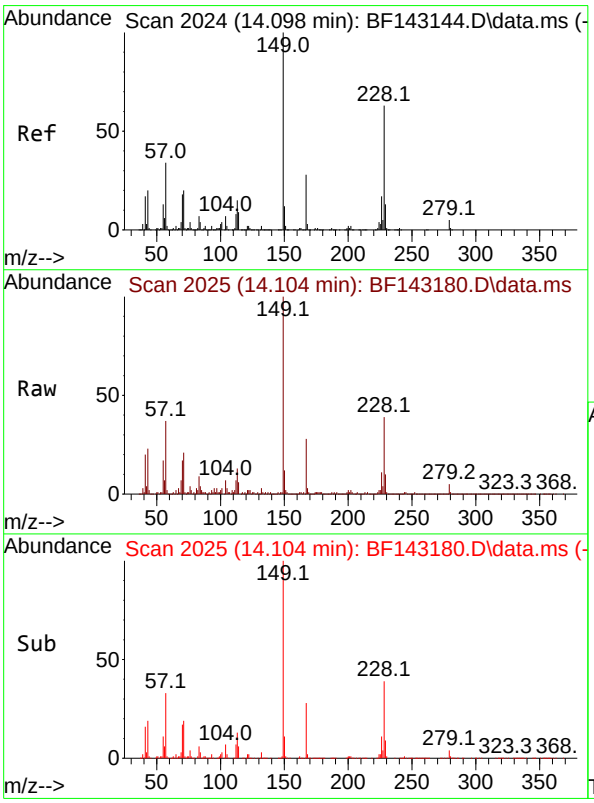
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	20.2	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

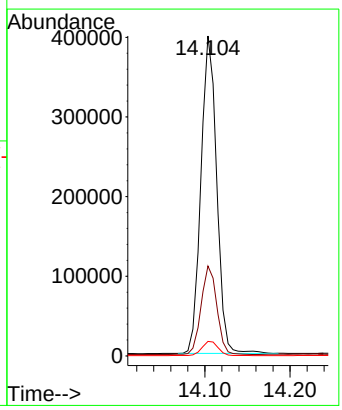


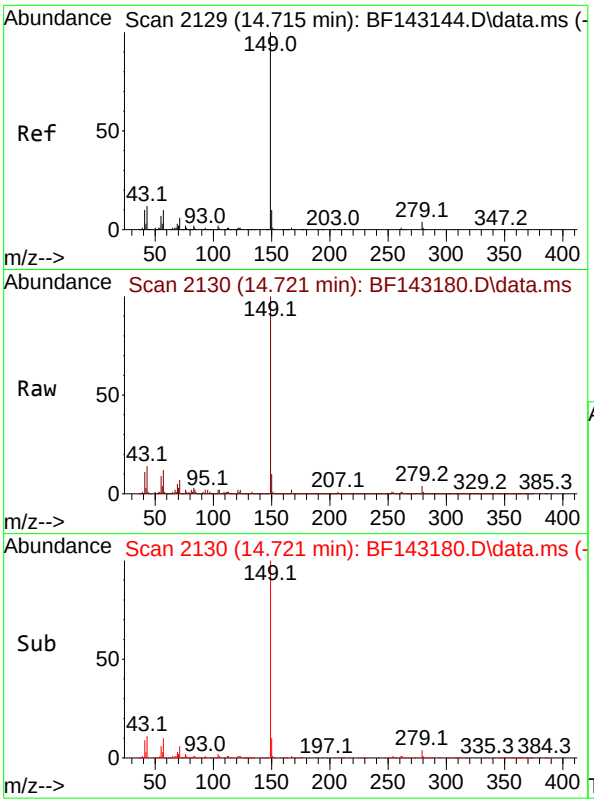


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.643 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 512026

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.5	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 47.711 ng m
RT: 14.721 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

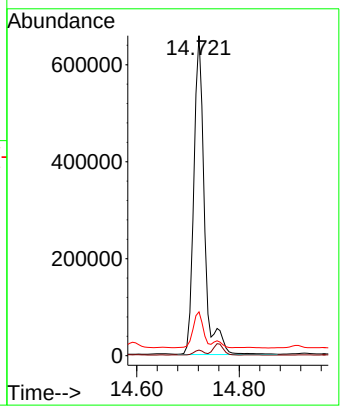
Tgt Ion:149 Resp: 94937

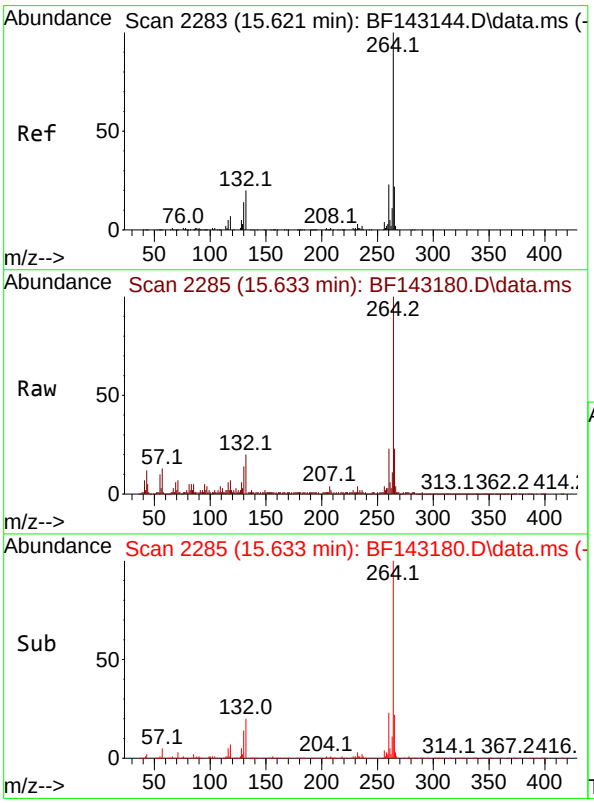
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.7	9.7	14.5

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

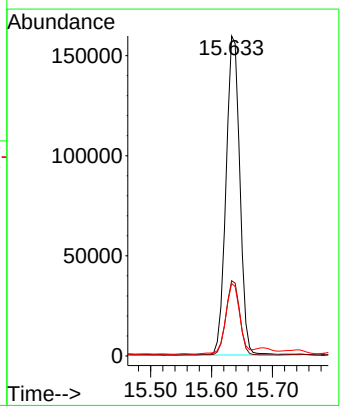


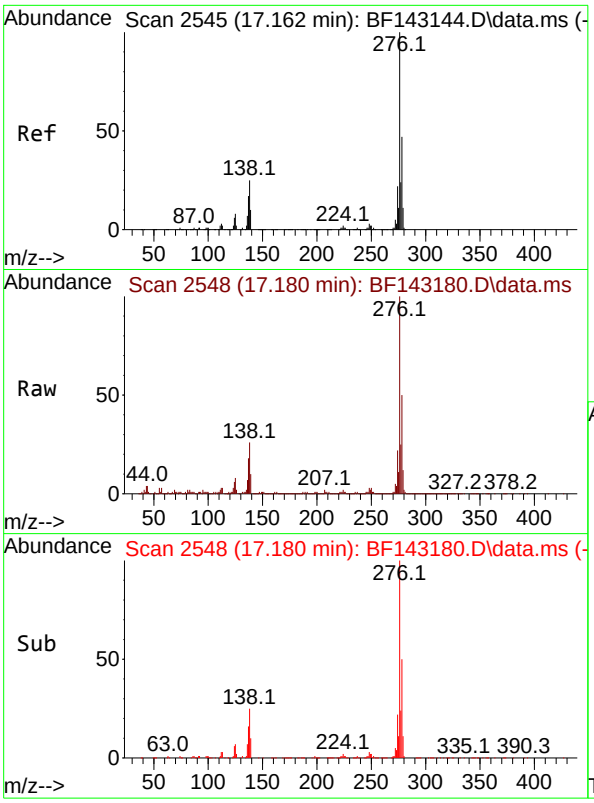


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:264 Resp: 250625

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.7	17.4	26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.775 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

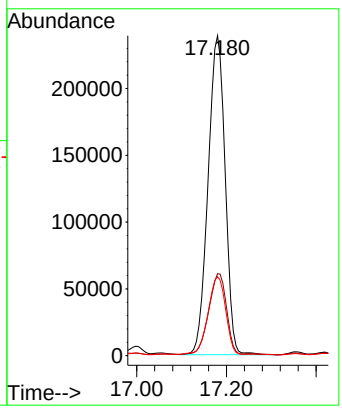
Tgt Ion:276 Resp: 63222

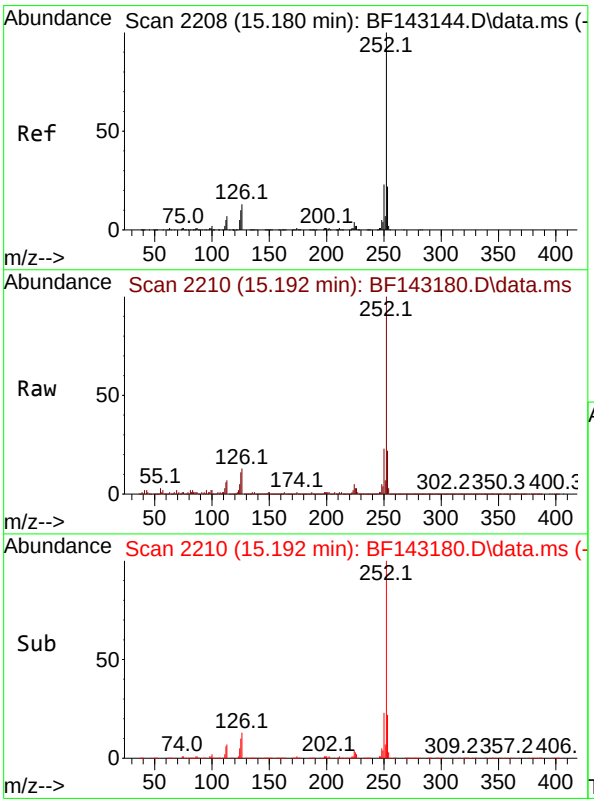
Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	24.8	20.0	30.0

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

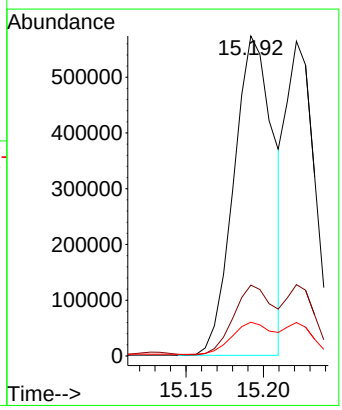


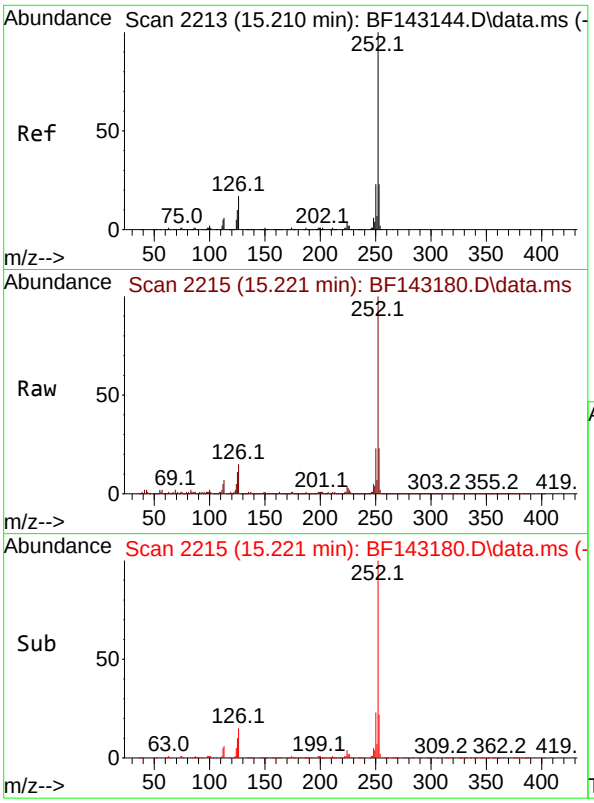


#88
Benzo(b)fluoranthene
Concen: 66.318 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 1015390

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.6	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 52.120 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

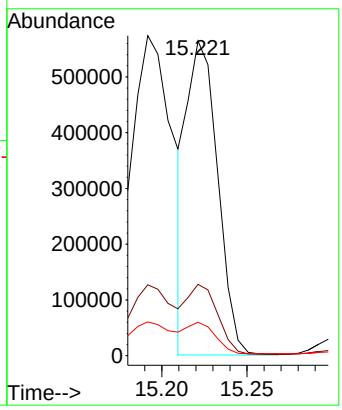
Tgt Ion:252 Resp: 71209

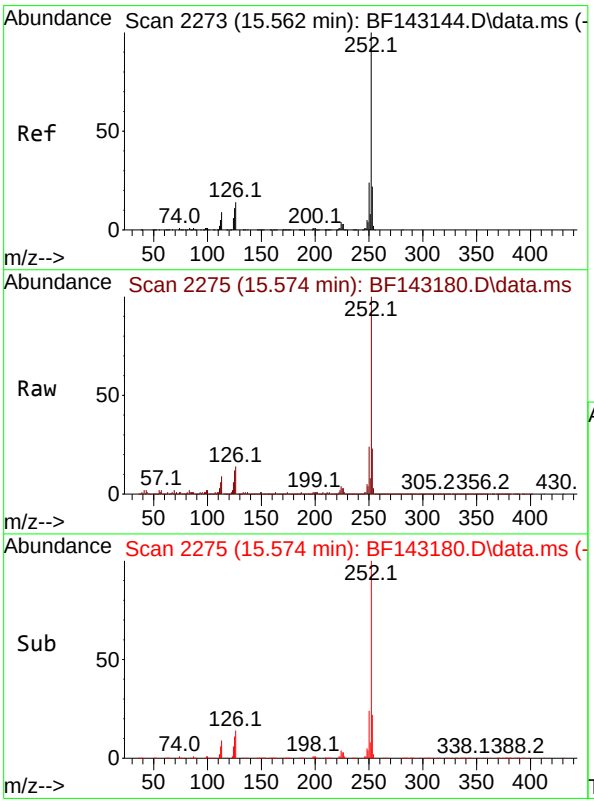
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.6	8.1	12.1

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

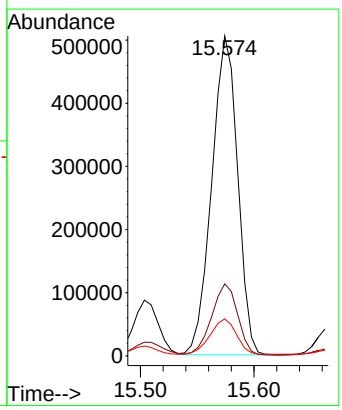


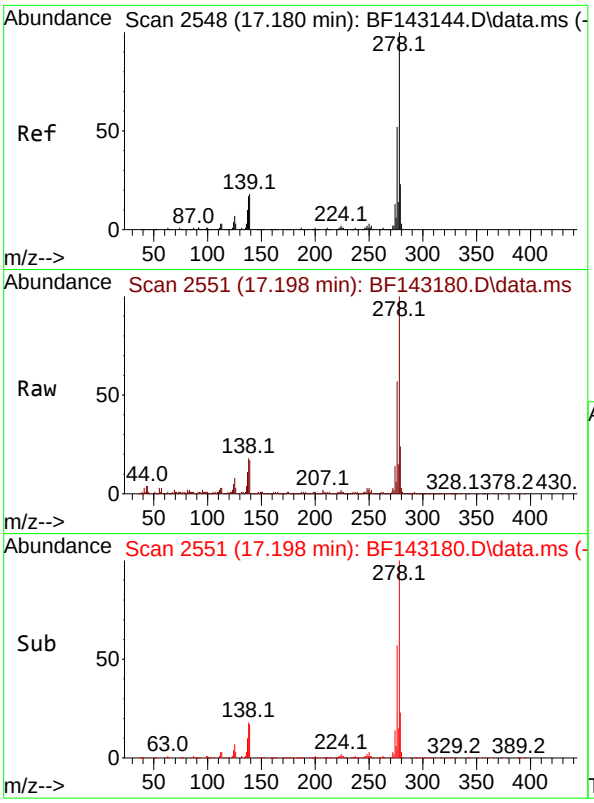


#90
Benzo(a)pyrene
Concen: 56.754 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 800603

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.6	8.6	13.0





#91
Dibenzo(a,h)anthracene
Concen: 30.912 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

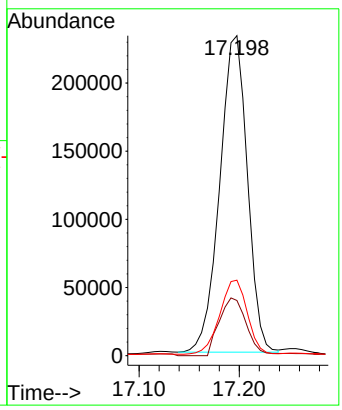
Tgt Ion:278 Resp: 44465

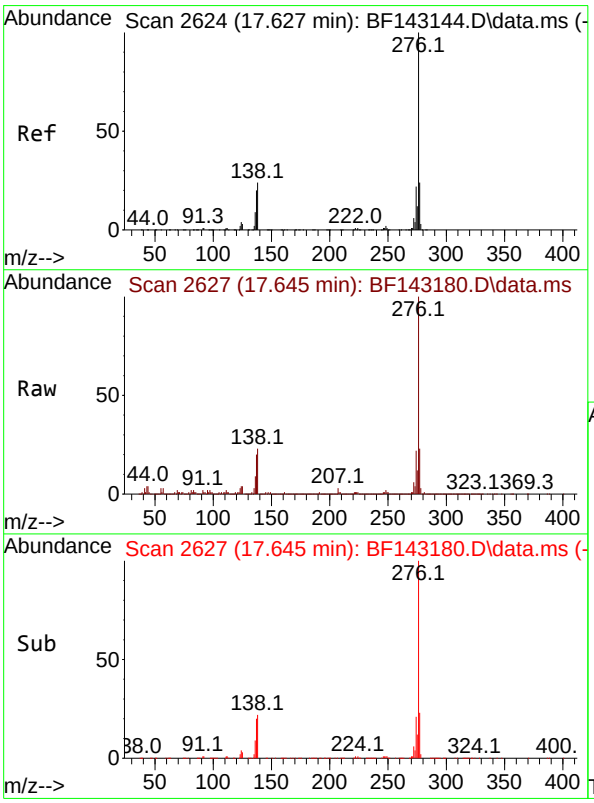
Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.1	21.1
279	23.6	18.6	28.0

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

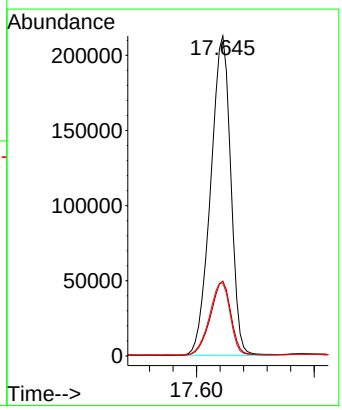




#92
Benzo(g,h,i)perylene
Concen: 36.288 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:276 Resp: 504925

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.8	18.9	28.3



Raw Data: **BF143181.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/17/25
Client Sample ID:	RT2286MSD	SDG No.:	Q2639
Lab Sample ID:	Q2635-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.8
Sample Wt/Vol:	50.02 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
BF143181.D	1	07/21/25 09:30	07/22/25 10:55	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.00		0.016	0.092	0.12	mg/Kg
91-57-6	2-Methylnaphthalene	1.00		0.018	0.092	0.12	mg/Kg
208-96-8	Acenaphthylene	1.00		0.020	0.092	0.12	mg/Kg
83-32-9	Acenaphthene	1.10		0.015	0.092	0.12	mg/Kg
86-73-7	Fluorene	1.00		0.018	0.092	0.12	mg/Kg
85-01-8	Phenanthrene	1.30		0.015	0.092	0.12	mg/Kg
120-12-7	Anthracene	1.10		0.024	0.092	0.12	mg/Kg
206-44-0	Fluoranthene	1.60		0.021	0.092	0.12	mg/Kg
129-00-0	Pyrene	1.30		0.026	0.092	0.12	mg/Kg
56-55-3	Benzo(a)anthracene	1.30		0.016	0.092	0.12	mg/Kg
218-01-9	Chrysene	1.30		0.014	0.092	0.12	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.60		0.013	0.092	0.12	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.30		0.016	0.092	0.12	mg/Kg
50-32-8	Benzo(a)pyrene	1.30		0.021	0.092	0.12	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.81		0.021	0.092	0.12	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.71		0.019	0.092	0.12	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.83		0.018	0.092	0.12	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	57.7		37 - 122		58%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.8		44 - 115		53%	SPK: 100
1718-51-0	Terphenyl-d14	43.1	*	54 - 127		43%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137000	6.963				
1146-65-2	Naphthalene-d8	530000	8.245				
15067-26-2	Acenaphthene-d10	274000	10.004				
1517-22-2	Phenanthrene-d10	415000	11.492				
1719-03-5	Chrysene-d12	276000	14.133				
1520-96-3	Perylene-d12	229000	15.639				

Raw Data: **BF143181.D**

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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/17/25
Client Sample ID:	RT2286MSD	SDG No.:	Q2639
Lab Sample ID:	Q2635-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.8
Sample Wt/Vol:	50.02 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
BF143181.D	1	07/21/25 09:30	07/22/25 10:55	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	136589	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	529762	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	274462	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	414650	20.000	ng		0.00
76) Chrysene-d12	14.133	240	276295	20.000	ng		0.01
86) Perylene-d12	15.639	264	228694	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	716143	82.969	ng		0.01
7) Phenol-d6	6.587	99	935920	86.147	ng		0.00
23) Nitrobenzene-d5	7.522	82	613436	57.720	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	244844	86.354	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1059631	52.801	ng		0.00
79) Terphenyl-d14	13.069	244	800209	43.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	142826	34.971	ng		100
3) Pyridine	3.628	79	387513	36.555	ng		99
4) n-Nitrosodimethylamine	3.569	42	226567	41.396	ng		99
6) Aniline	6.622	93	355683	23.491	ng		95
8) 2-Chlorophenol	6.751	128	380878	42.098	ng		98
9) Benzaldehyde	6.510	77	267699	32.860	ng		99
10) Phenol	6.604	94	507938	42.917	ng		98
11) bis(2-Chloroethyl)ether	6.693	93	375500	41.437	ng		99
12) 1,3-Dichlorobenzene	6.910	146	396098	40.301	ng		98
13) 1,4-Dichlorobenzene	6.981	146	400666	40.480	ng		99
14) 1,2-Dichlorobenzene	7.134	146	385915	40.994	ng		99
15) Benzyl Alcohol	7.098	79	366706	44.206	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	695231	41.357	ng		99
17) 2-Methylphenol	7.210	107	323602	42.538	ng		99
18) Hexachloroethane	7.481	117	145589	42.489	ng		97
19) n-Nitroso-di-n-propyla...	7.375	70	282181	40.484	ng		99
20) 3+4-Methylphenols	7.363	107	396436	42.952	ng	#	81
22) Acetophenone	7.369	105	518130	41.311	ng		97
24) Nitrobenzene	7.540	77	429974	43.395	ng		98
25) Isophorone	7.781	82	793276	42.282	ng		99
26) 2-Nitrophenol	7.857	139	207791	48.321	ng		99
27) 2,4-Dimethylphenol	7.892	122	371287	42.358	ng		100
28) bis(2-Chloroethoxy)met...	7.987	93	469100	41.702	ng		100
29) 2,4-Dichlorophenol	8.098	162	316852	42.863	ng		98
30) 1,2,4-Trichlorobenzene	8.187	180	329282	41.232	ng		99
31) Naphthalene	8.269	128	1159919	44.458	ng		100
32) Benzoic acid	8.010	122	260227	52.195	ng		97
33) 4-Chloroaniline	8.310	127	114890	10.785	ng		98
34) Hexachlorobutadiene	8.392	225	197888	40.563	ng		99
35) Caprolactam	8.681	113	114441	51.232	ng		94
36) 4-Chloro-3-methylphenol	8.792	107	358269	44.590	ng		99
37) 2-Methylnaphthalene	8.957	142	686312	43.229	ng		99
38) 1-Methylnaphthalene	9.057	142	697758	42.680	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	328897	41.506	ng		99
41) Hexachlorocyclopentadiene	9.116	237	241446	46.829	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	238395	43.470	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	238695	43.512	ng		98
46) 1,1'-Biphenyl	9.422	154	906851	42.350	ng		100
47) 2-Chloronaphthalene	9.451	162	661581	41.755	ng		100
48) 2-Nitroaniline	9.539	65	240330	48.368	ng		100
49) Acenaphthylene	9.869	152	1121862	42.250	ng		100
50) Dimethylphthalate	9.722	163	785971	43.933	ng		100
51) 2,6-Dinitrotoluene	9.781	165	174789	48.027	ng		97
52) Acenaphthene	10.039	154	717249	45.702	ng		98
53) 3-Nitroaniline	9.945	138	141784	33.307	ng		99
54) 2,4-Dinitrophenol	10.051	184	138218	83.480	ng	#	7
55) Dibenzofuran	10.210	168	992798	42.608	ng		99
56) 4-Nitrophenol	10.104	139	276705	87.047	ng		98
57) 2,4-Dinitrotoluene	10.181	165	229420	50.245	ng		98
58) Fluorene	10.551	166	745825	42.649	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	198979	43.788	ng		99
60) Diethylphthalate	10.422	149	793884	44.896	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	365015	41.919	ng		99
62) 4-Nitroaniline	10.563	138	150125	41.149	ng		98
63) Azobenzene	10.704	77	832376	45.166	ng		95
65) 4,6-Dinitro-2-methylph...	10.592	198	93180	43.445	ng		96
66) n-Nitrosodiphenylamine	10.657	169	658874	45.125	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	219163	44.351	ng		99
68) Hexachlorobenzene	11.104	284	217668	42.143	ng		98
69) Atrazine	11.186	200	195110	48.470	ng		99
70) Pentachlorophenol	11.298	266	261343	86.042	ng		98
71) Phenanthrene	11.516	178	1215848	55.224	ng		99
72) Anthracene	11.569	178	1016264	45.259	ng		100
73) Carbazole	11.716	167	837062	42.692	ng		99
74) Di-n-butylphthalate	12.045	149	1092339	49.237	ng		99
75) Fluoranthene	12.710	202	1347470	66.679	ng		99
77) Benzidine	12.816	184	297349	27.933	ng		99
78) Pyrene	12.939	202	1345473	57.059	ng		99
80) Butylbenzylphthalate	13.545	149	367405	50.883	ng		98
81) Benzo(a)anthracene	14.121	228	1033853	55.890	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	138194	22.415	ng		100
83) Chrysene	14.157	228	923571	55.532	ng		98
84) Bis(2-ethylhexyl)phtha...	14.104	149	519551	47.538	ng		99
85) Di-n-octyl phthalate	14.721	149	962953m	48.608	ng		
87) Indeno(1,2,3-cd)pyrene	17.180	276	555106	34.423	ng		99
88) Benzo(b)fluoranthene	15.192	252	926002	66.280	ng		98
89) Benzo(k)fluoranthene	15.221	252	688897	55.257	ng		98
90) Benzo(a)pyrene	15.574	252	734037	57.025	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	397652	30.296	ng		99
92) Benzo(g,h,i)perylene	17.645	276	449394	35.394	ng		100

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

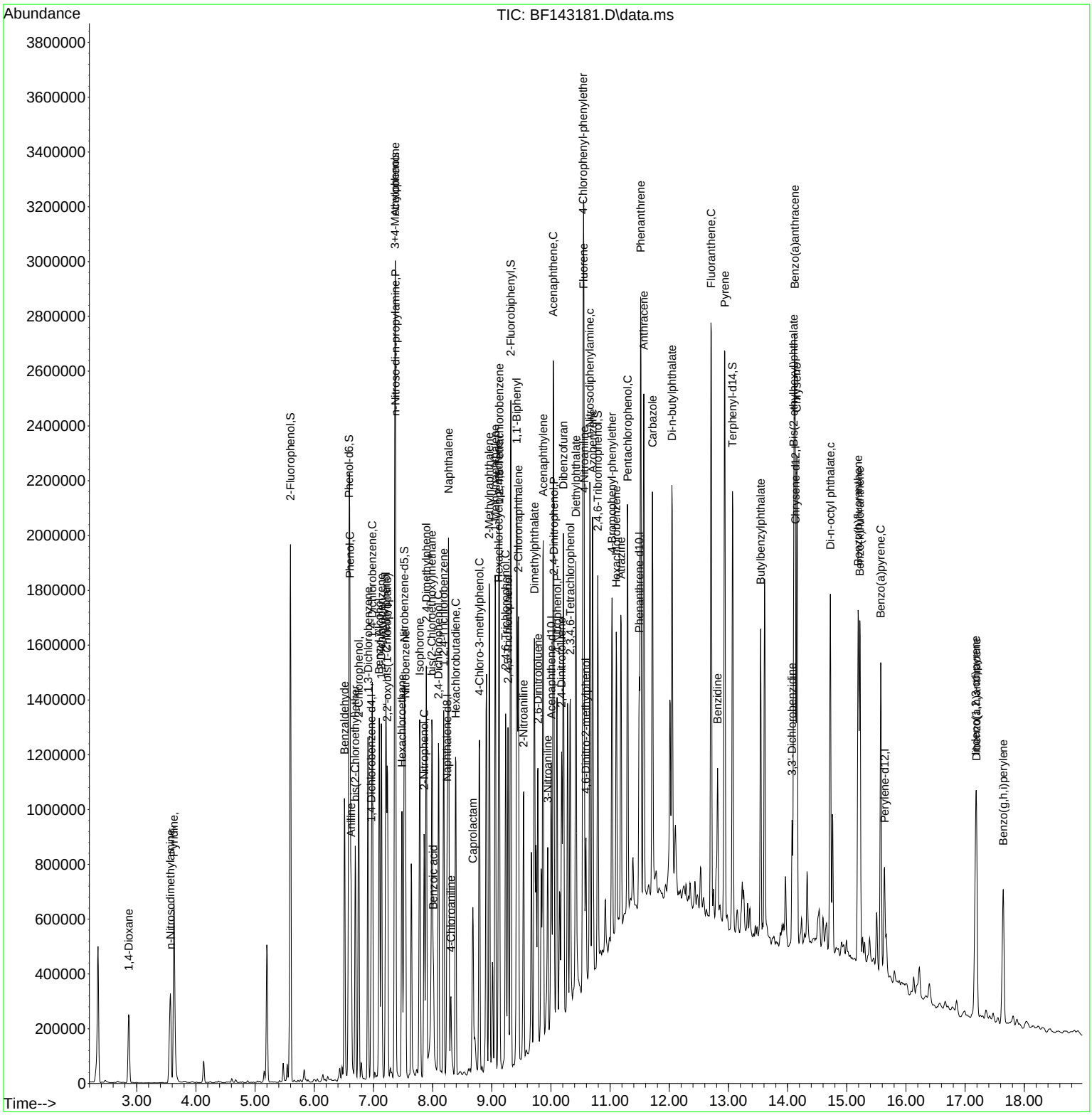
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

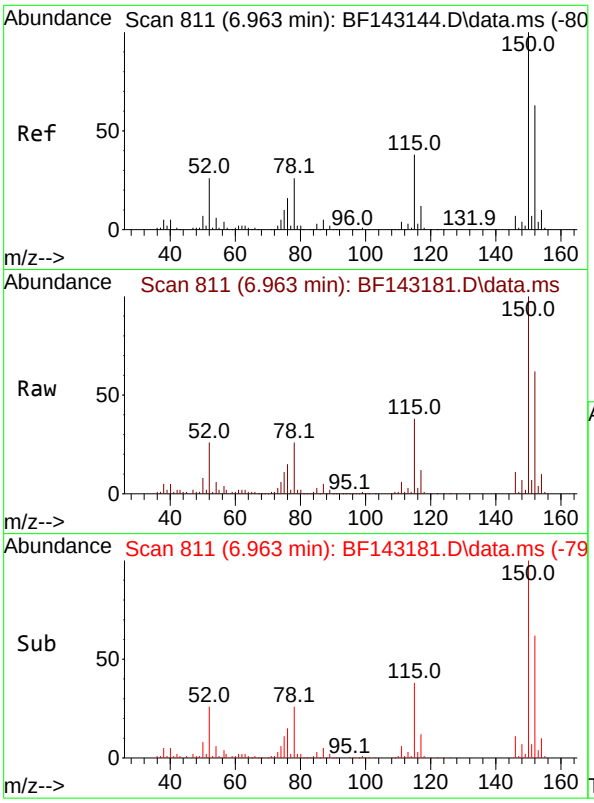
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
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Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations APPROVED

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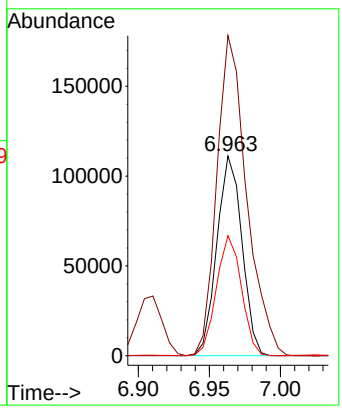




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:152 Resp: 13658

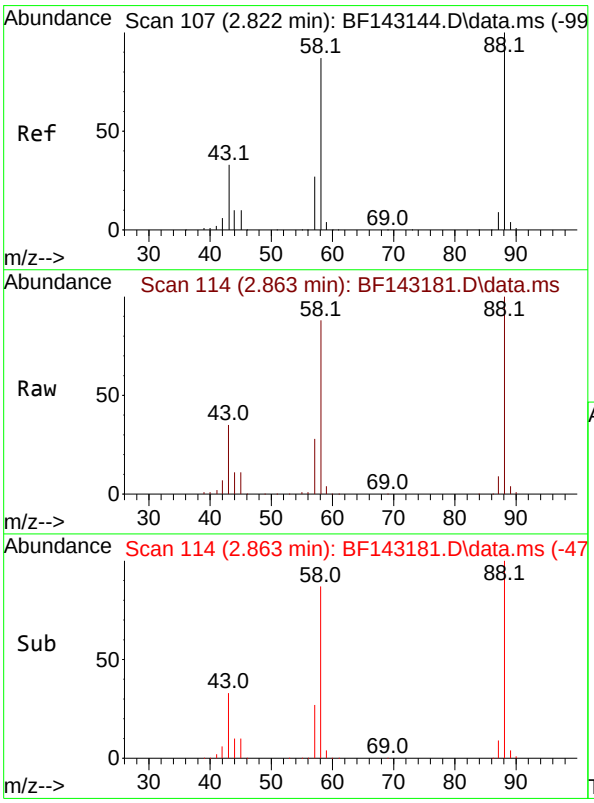
Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	60.1	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

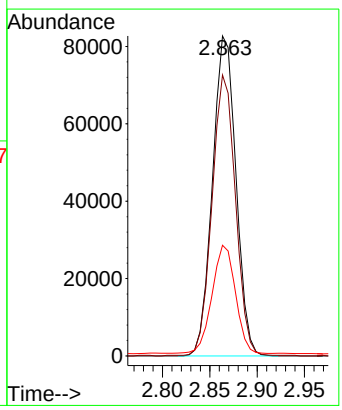
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

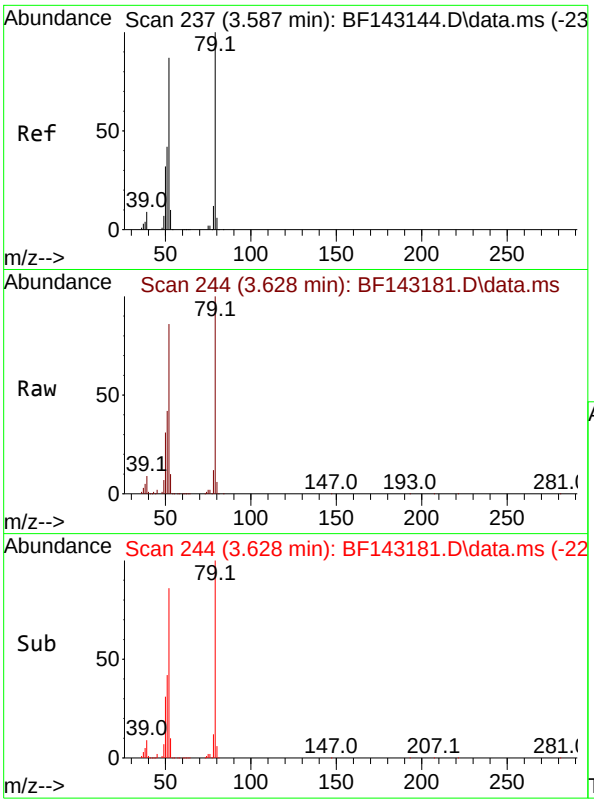


#2
1,4-Dioxane
Concen: 34.971 ng
RT: 2.863 min Scan# 114
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 88 Resp: 142826

Ion	Ratio	Lower	Upper
88	100		
58	87.9	70.2	105.2
43	33.6	27.1	40.7

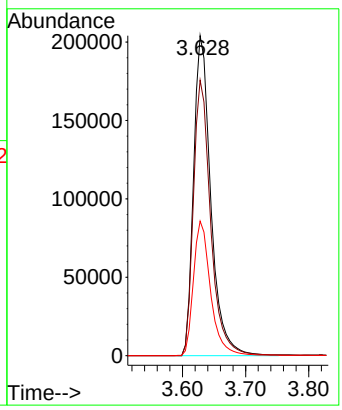




#3
Pyridine
Concen: 36.555 ng
RT: 3.628 min Scan# 24
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 79 Resp: 38751

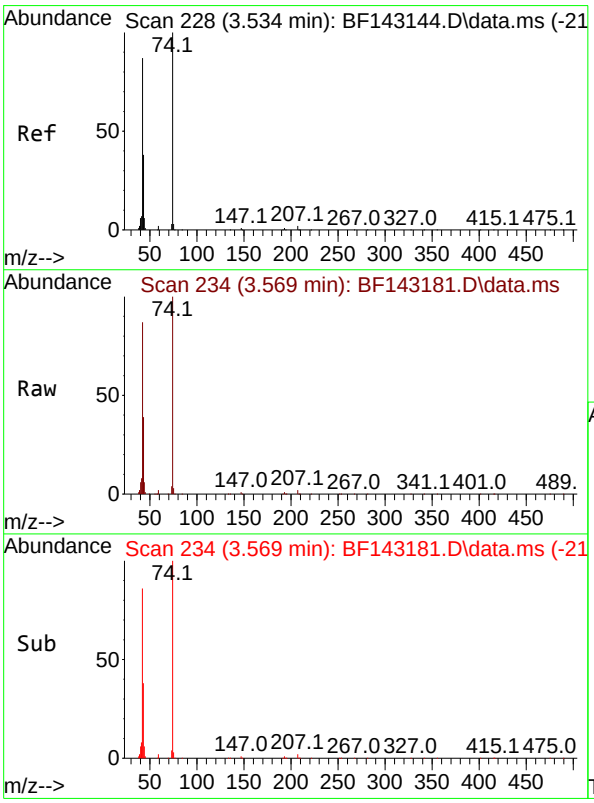
Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.4	104.2
51	42.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

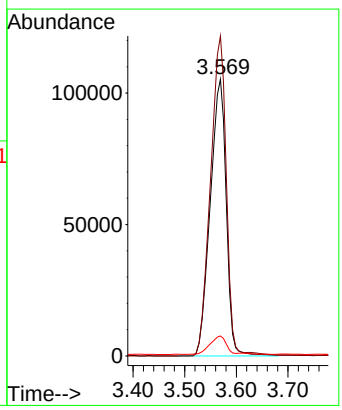
Reviewed By :Rahul Chavli 07/23/2025
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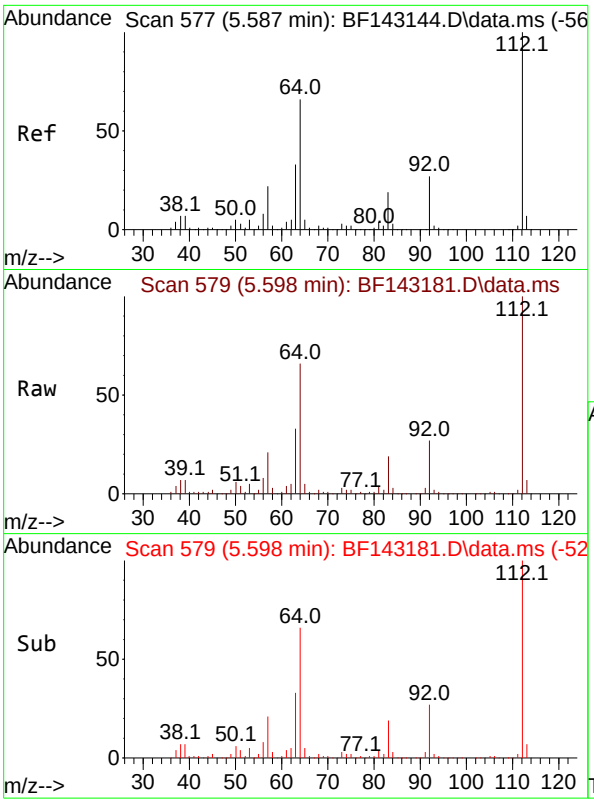


#4
n-Nitrosodimethylamine
Concen: 41.396 ng
RT: 3.569 min Scan# 234
Delta R.T. 0.035 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 42 Resp: 226567

Ion	Ratio	Lower	Upper
42	100		
74	115.6	91.7	137.5
44	7.2	5.6	8.4





#5
2-Fluorophenol
Concen: 82.969 ng
RT: 5.598 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

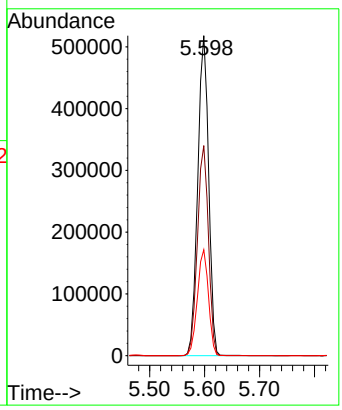
Tgt Ion:112 Resp: 71614

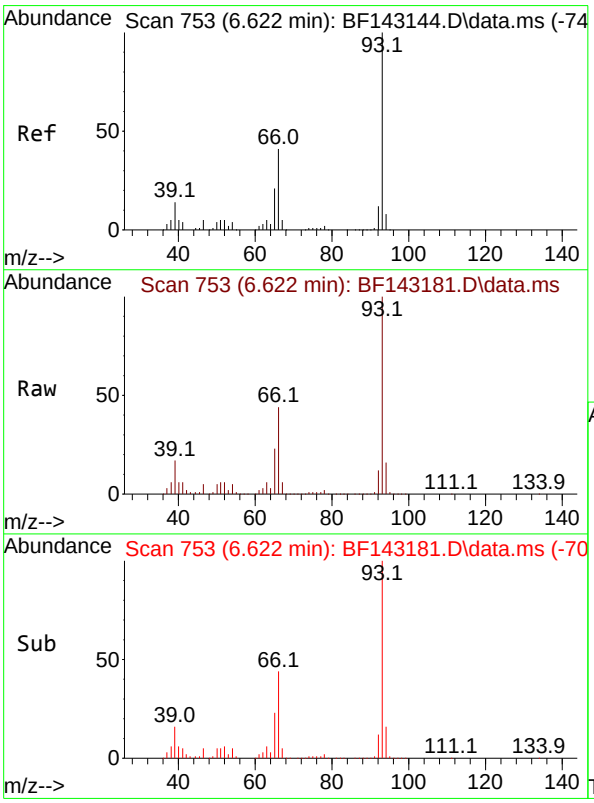
Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.1	79.7
63	33.1	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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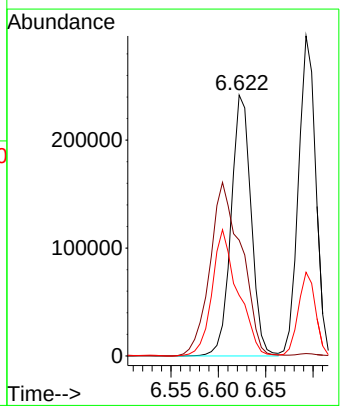


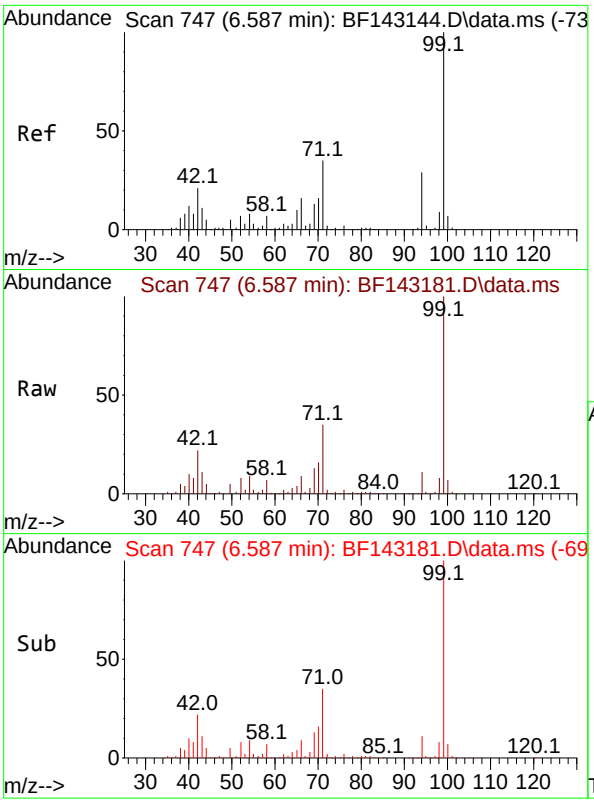


#6
Aniline
Concen: 23.491 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 355683

Ion	Ratio	Lower	Upper
93	100		
66	44.4	33.2	49.8
65	23.2	16.9	25.3

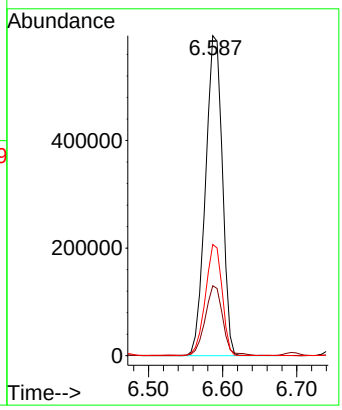




#7
Phenol-d6
Concen: 86.147 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 99 Resp: 93592

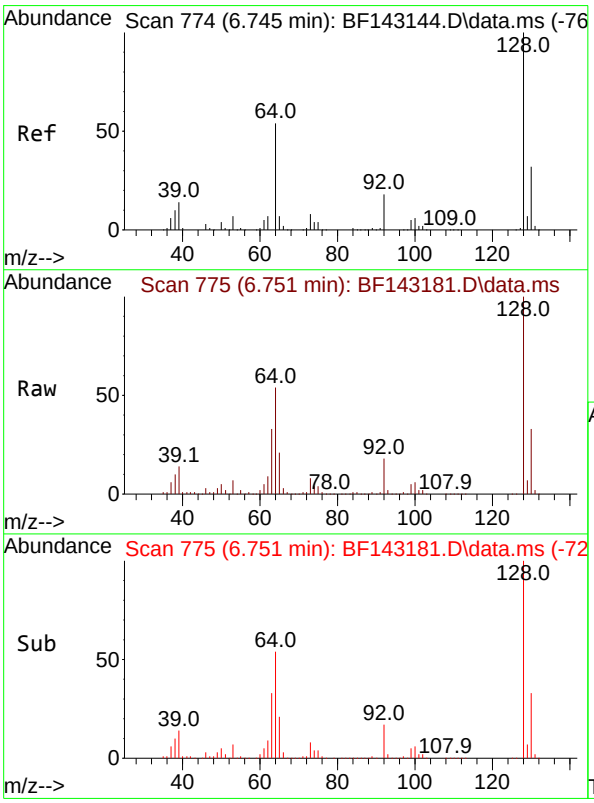
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.0	25.6
71	34.8	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

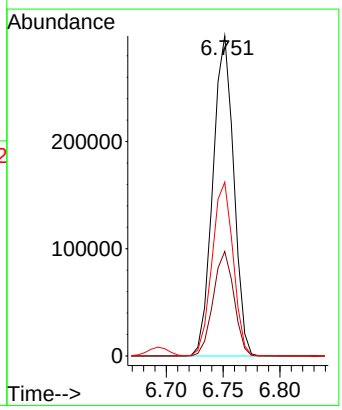
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

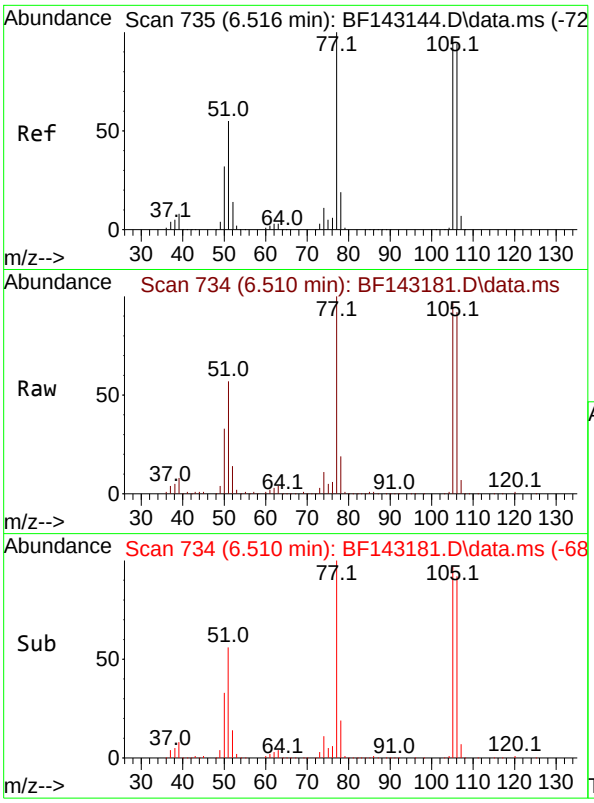


#8
2-Chlorophenol
Concen: 42.098 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:128 Resp: 380878

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	54.3	35.9	75.9

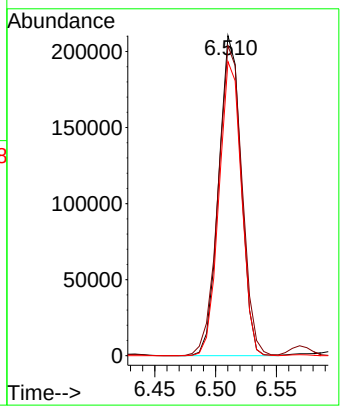




#9
Benzaldehyde
Concen: 32.860 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 77 Resp: 26769

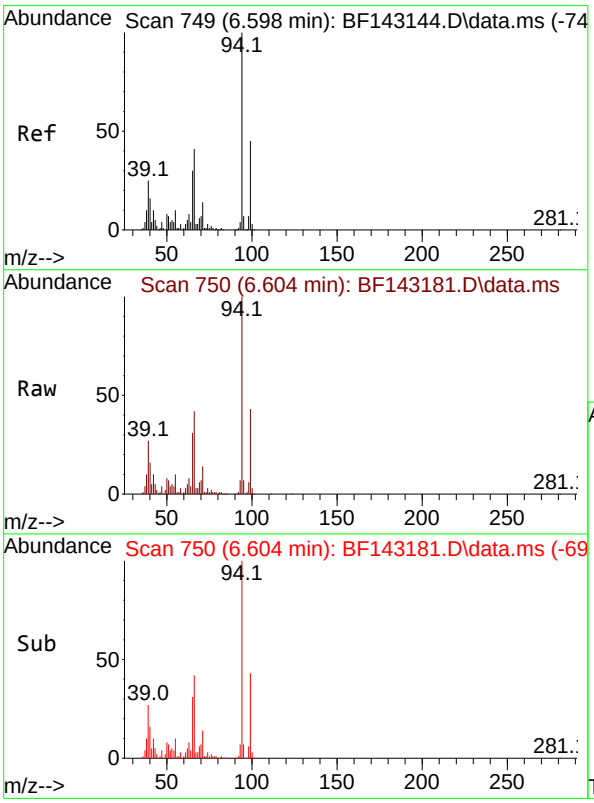
Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.8	116.8
106	91.9	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

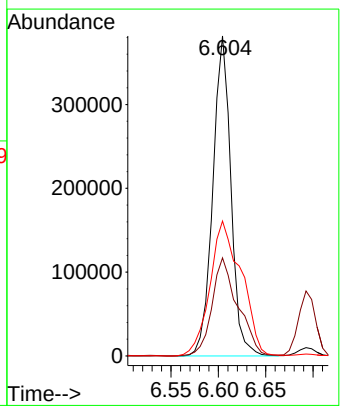
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

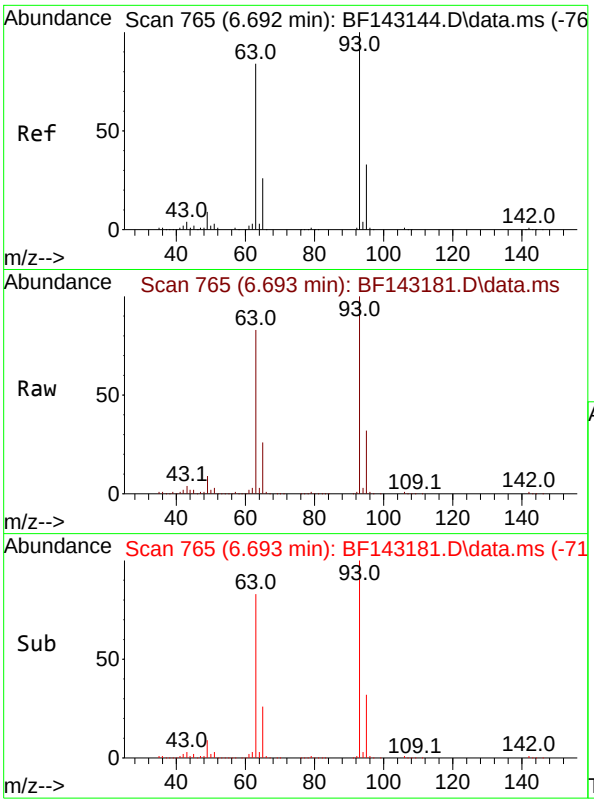


#10
Phenol
Concen: 42.917 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 94 Resp: 507938

Ion	Ratio	Lower	Upper
94	100		
65	30.6	10.0	50.0
66	42.2	20.8	60.8

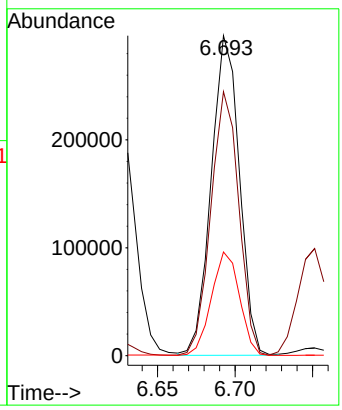




#11
bis(2-Chloroethyl)ether
Concen: 41.437 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 37550

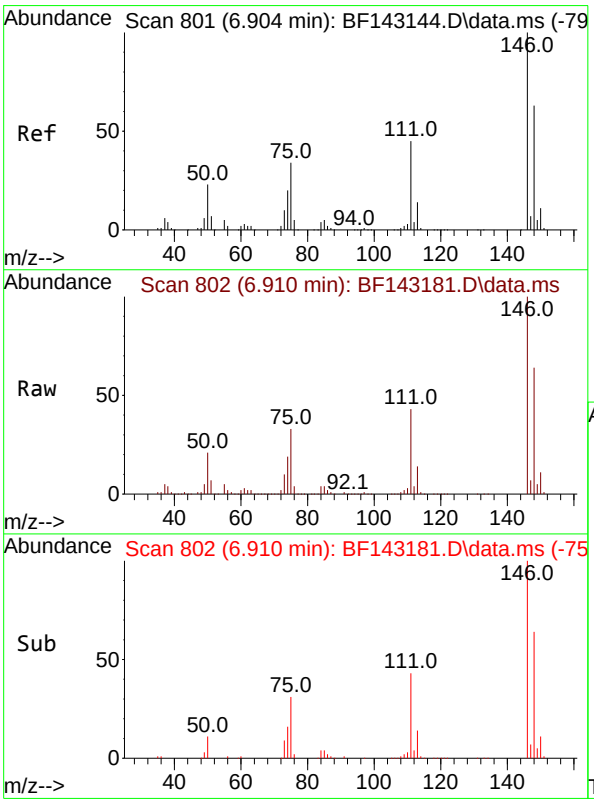
Ion	Ratio	Lower	Upper
93	100		
63	82.5	63.4	103.4
95	32.4	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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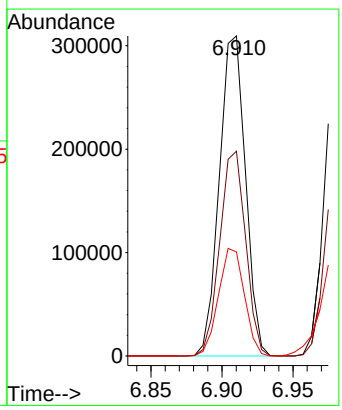
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

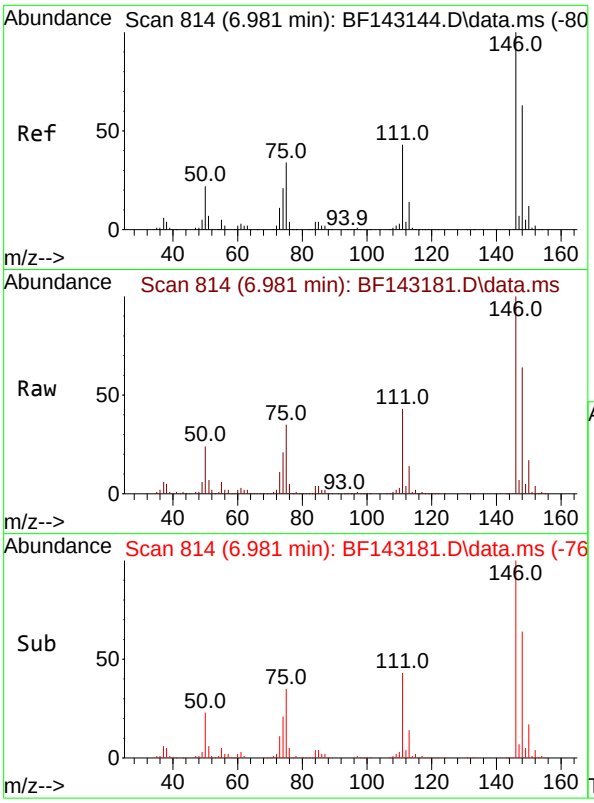


#12
1,3-Dichlorobenzene
Concen: 40.301 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 396098

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
75	32.5	27.4	41.2

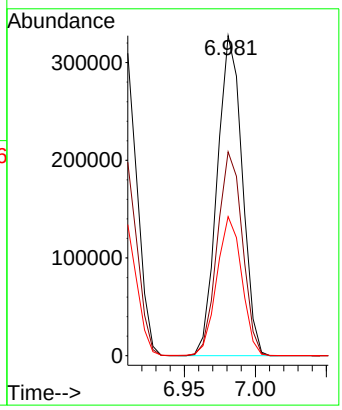




#13
1,4-Dichlorobenzene
Concen: 40.480 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 40066

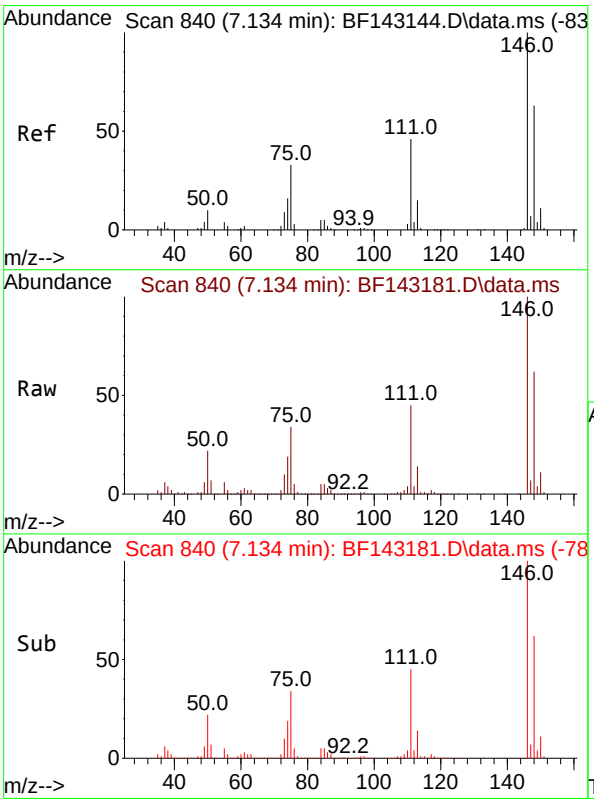
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	43.4	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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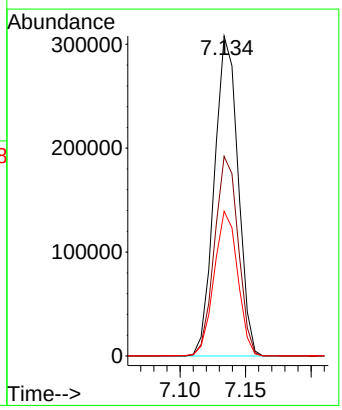
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

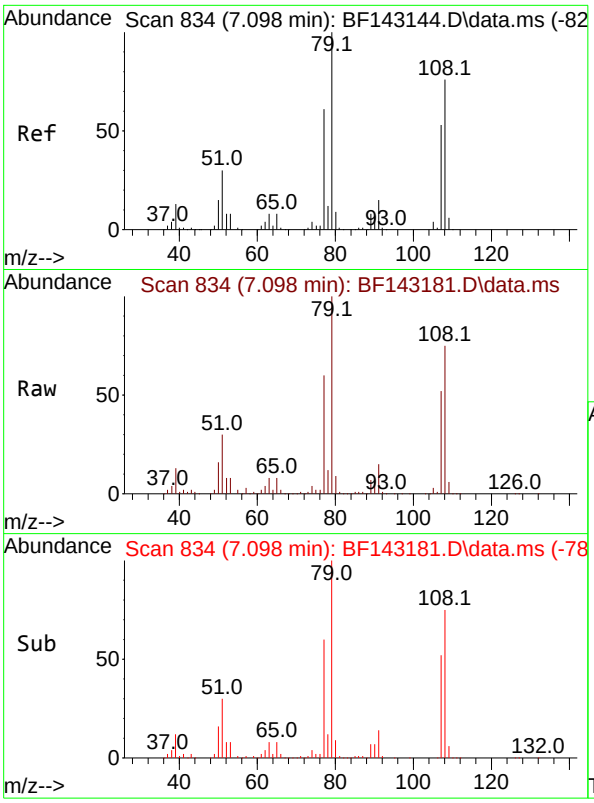


#14
1,2-Dichlorobenzene
Concen: 40.994 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 385915

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	45.2	36.6	54.8





#15
Benzyl Alcohol
Concen: 44.206 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

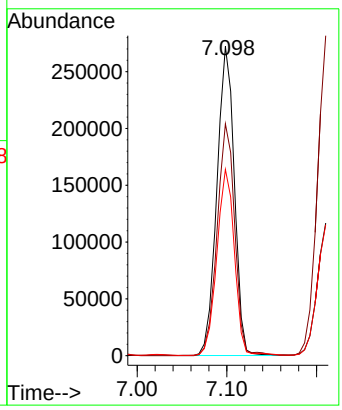
Tgt Ion: 79 Resp: 36670

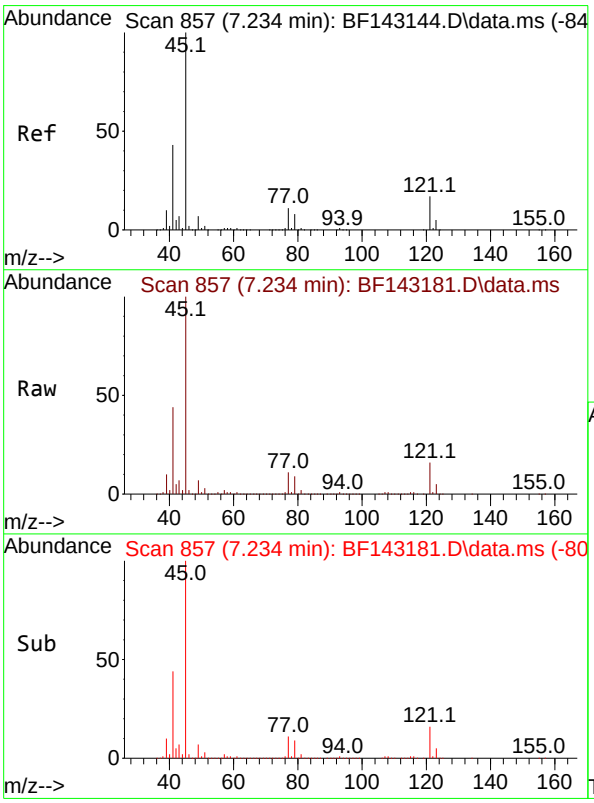
Ion	Ratio	Lower	Upper
79	100		
108	75.0	61.1	91.7
77	60.2	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

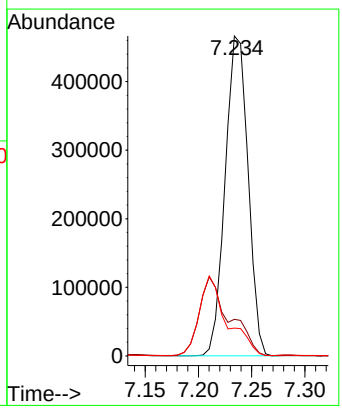


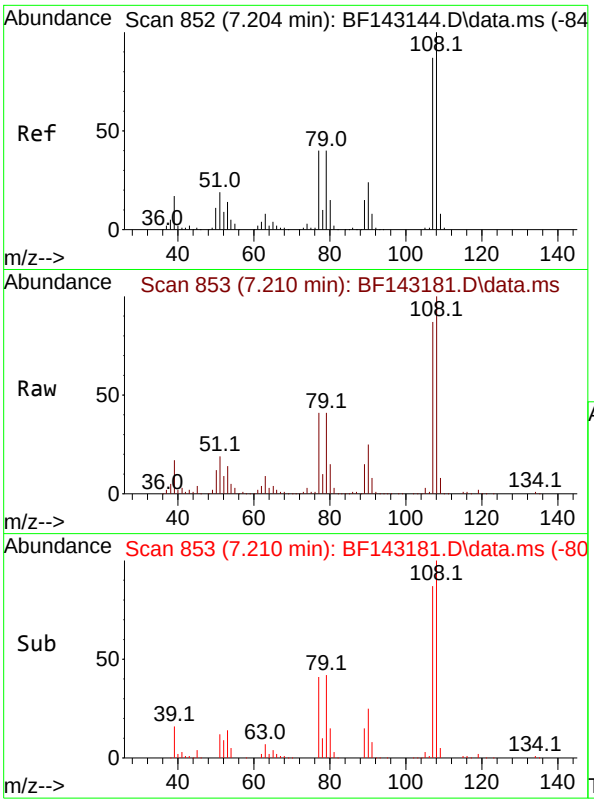


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 45 Resp: 695231

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.7	0.0	28.5

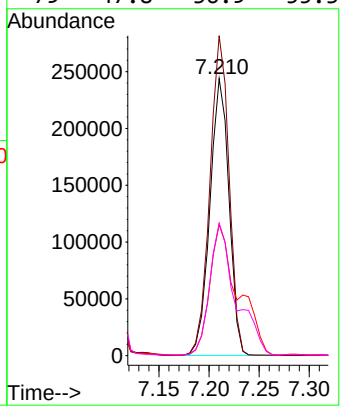




#17
2-Methylphenol
Concen: 42.538 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 32360

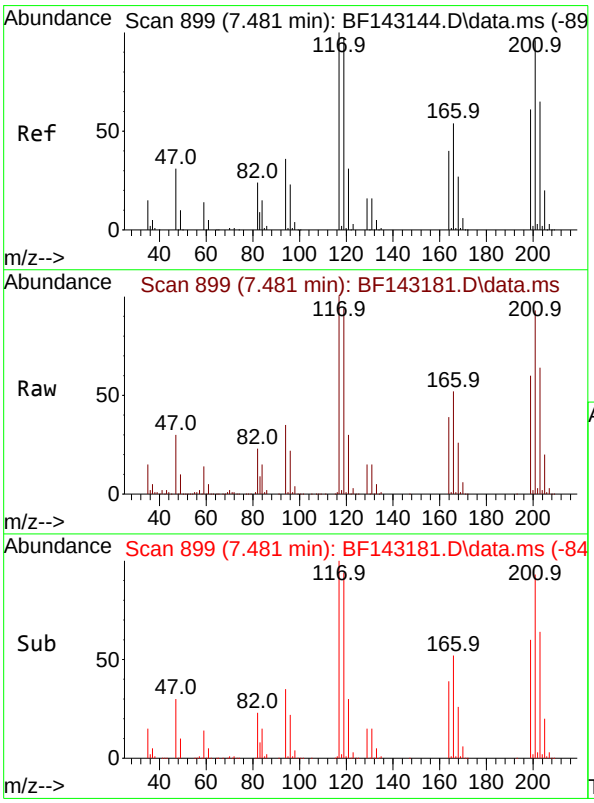
Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.8	137.6
77	47.3	37.0	55.6
79	47.8	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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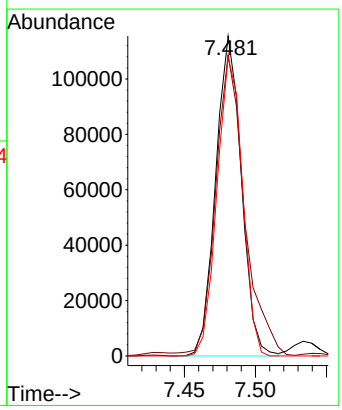
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

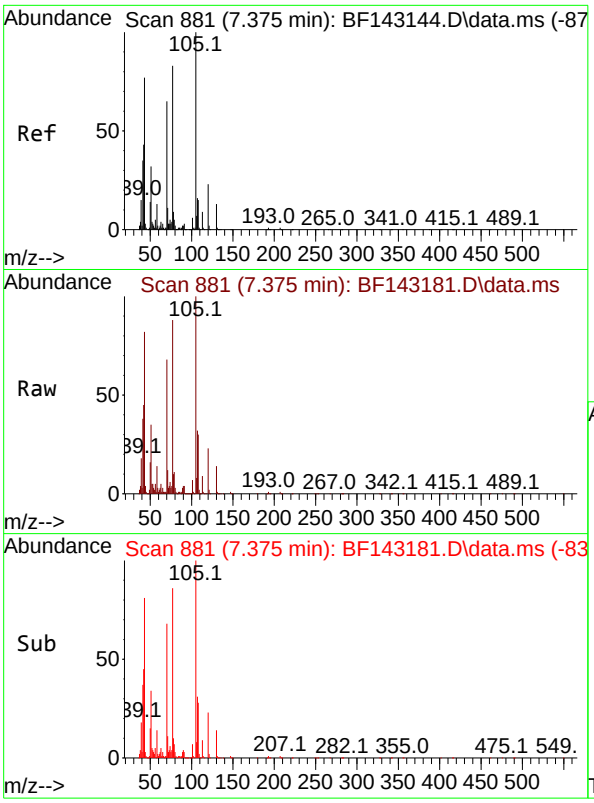


#18
Hexachloroethane
Concen: 42.489 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:117 Resp: 145589

Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.8	116.8
201	93.3	77.0	115.4

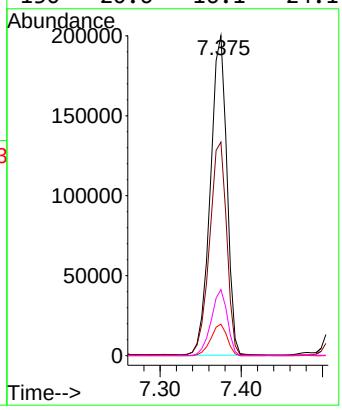




#19
n-Nitroso-di-n-propylamine
Concen: 40.484 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 70 Resp: 28218

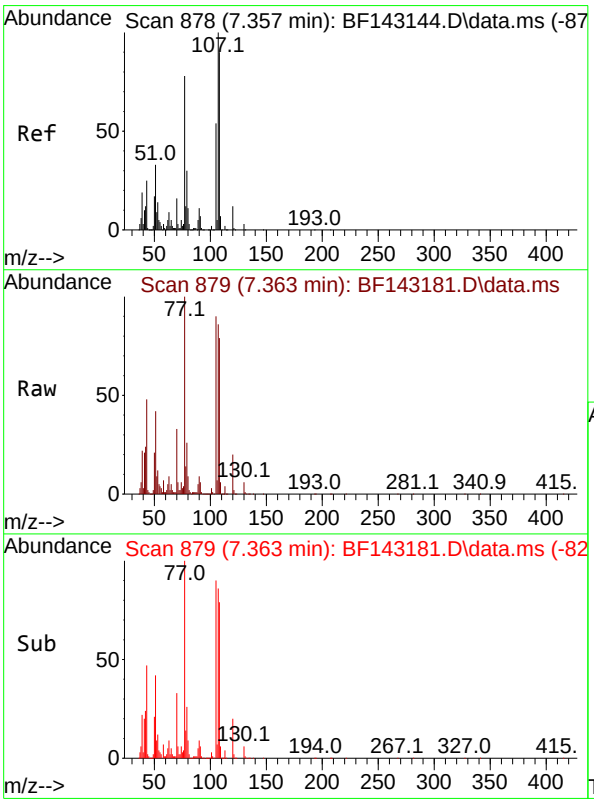
Ion	Ratio	Lower	Upper
70	100		
42	66.8	52.5	78.7
101	9.9	7.6	11.4
130	20.6	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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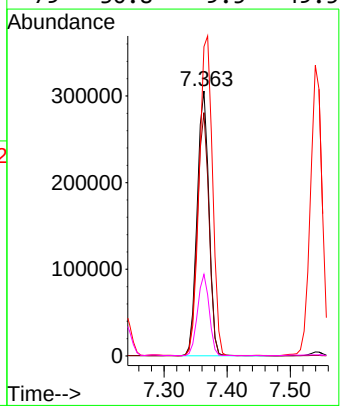
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

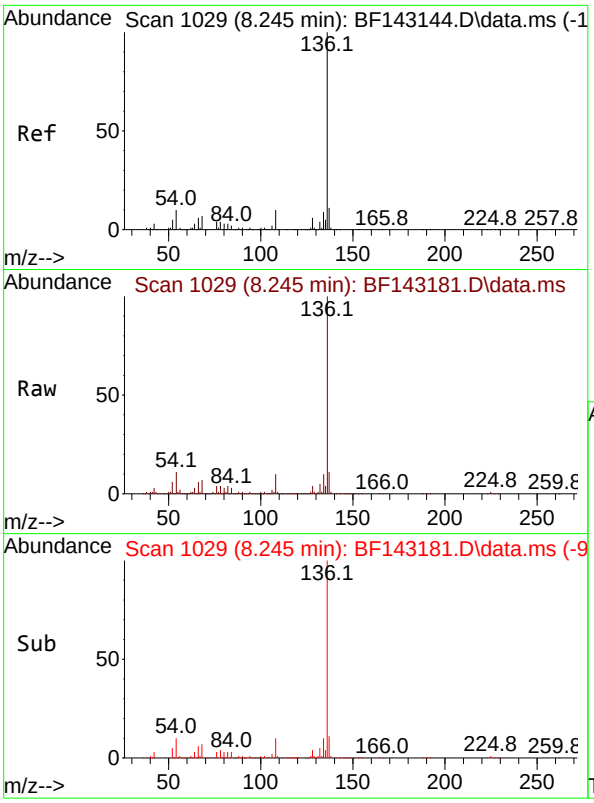


#20
3+4-Methylphenols
Concen: 42.952 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 396436

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.0	110.0
77	116.7	57.8	97.8#
79	30.8	9.5	49.5

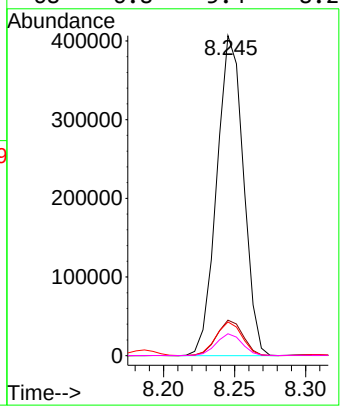




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:136 Resp: 52976

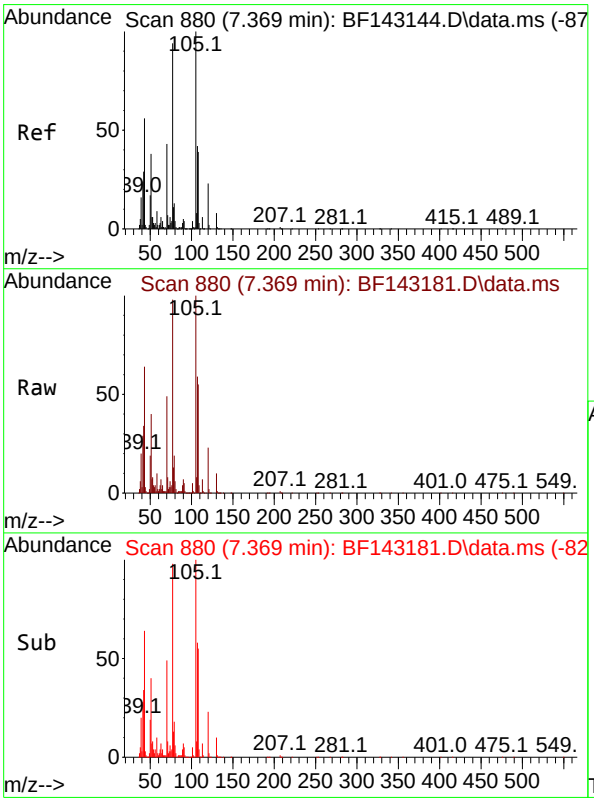
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.8	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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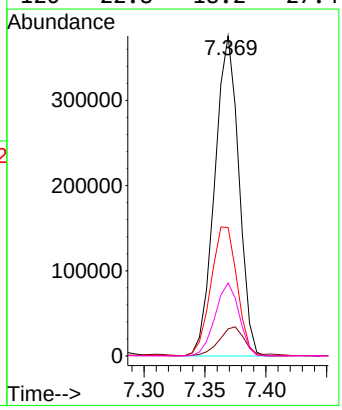
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

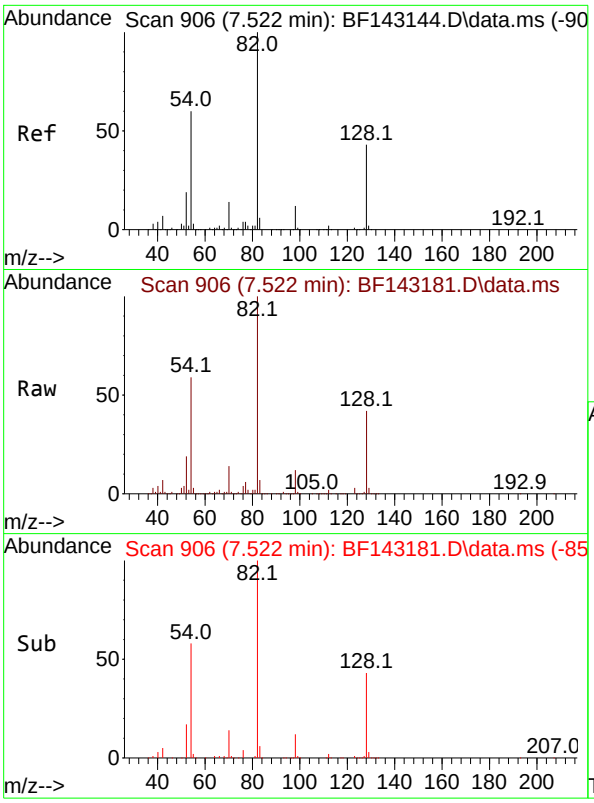


#22
Acetophenone
Concen: 41.311 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:105 Resp: 518130

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.8	8.6
51	40.1	30.2	45.2
120	22.8	18.2	27.4





#23
Nitrobenzene-d5
Concen: 57.720 ng
RT: 7.522 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

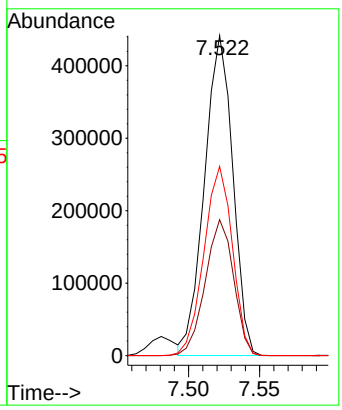
Tgt Ion: 82 Resp: 61343(

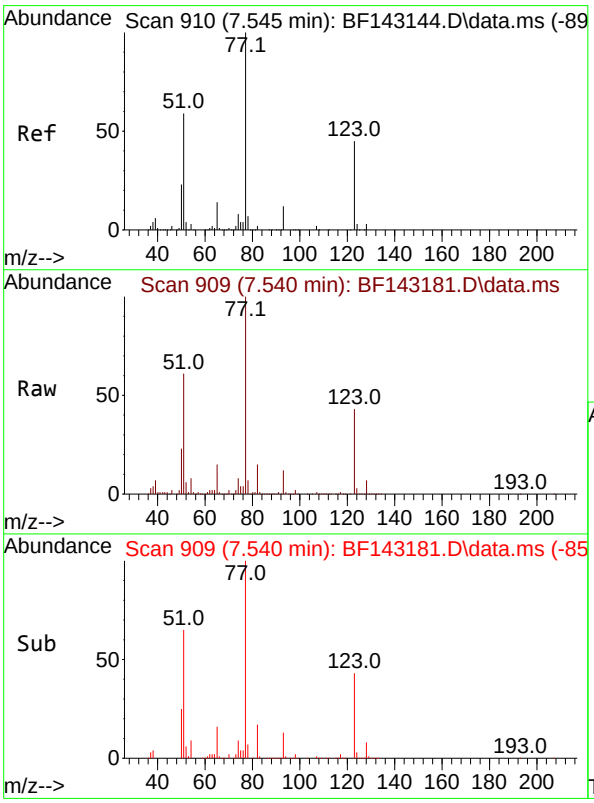
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.6	50.4
54	59.2	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

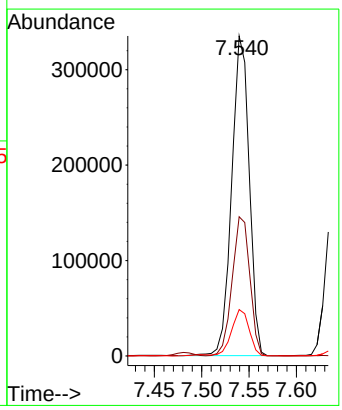


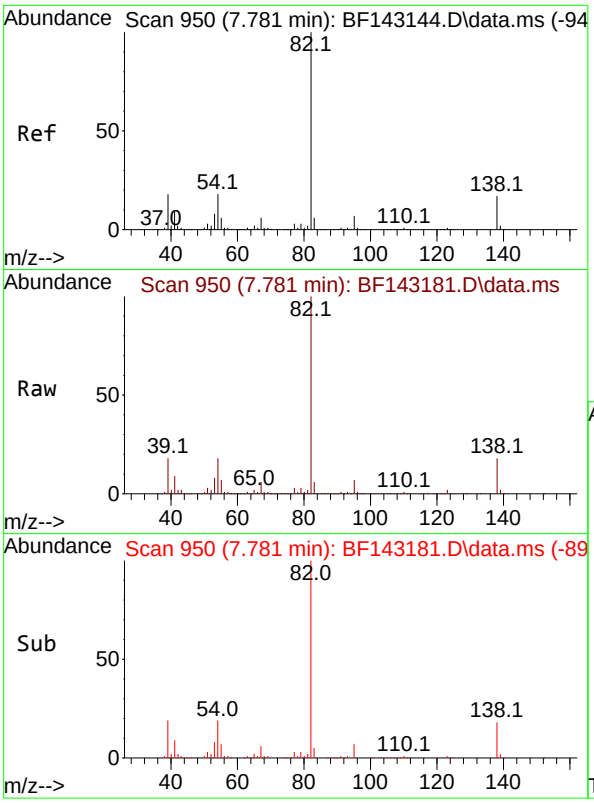


#24
Nitrobenzene
Concen: 43.395 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 77 Resp: 429974

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.5	11.4	17.2

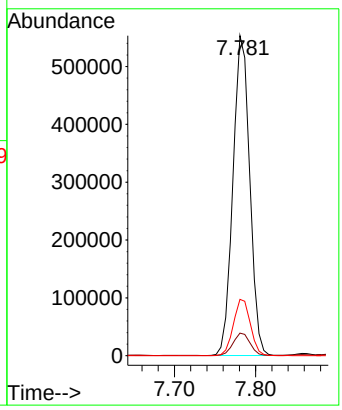




#25
Isophorone
Concen: 42.282 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 82 Resp: 79327

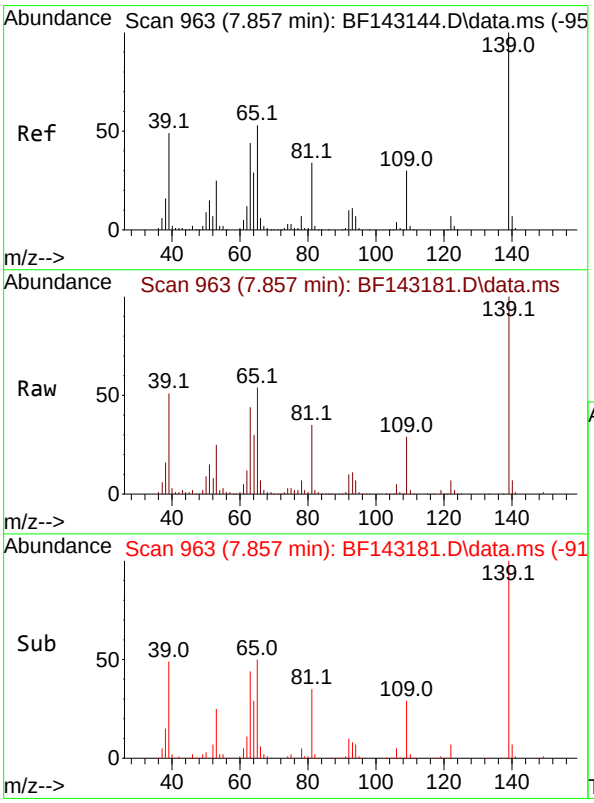
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.6	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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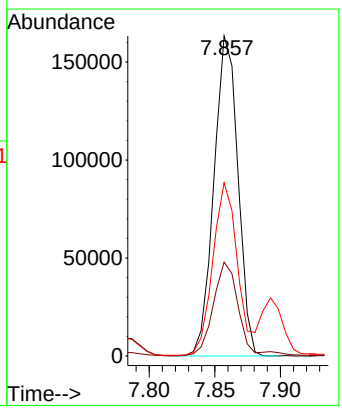
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

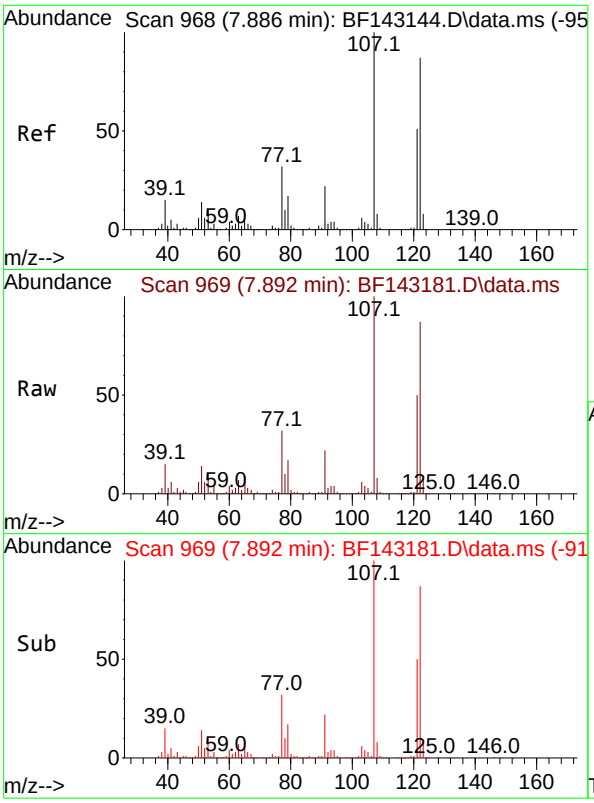


#26
2-Nitrophenol
Concen: 48.321 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 207791

Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.6	35.4
65	54.2	42.6	64.0

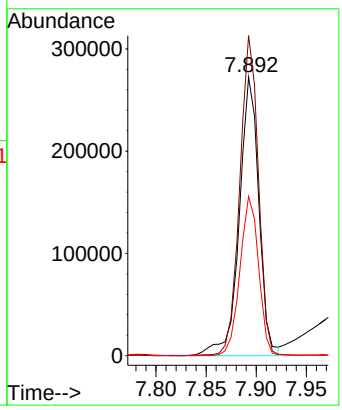




#27
2,4-Dimethylphenol
Concen: 42.358 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:122 Resp: 37128

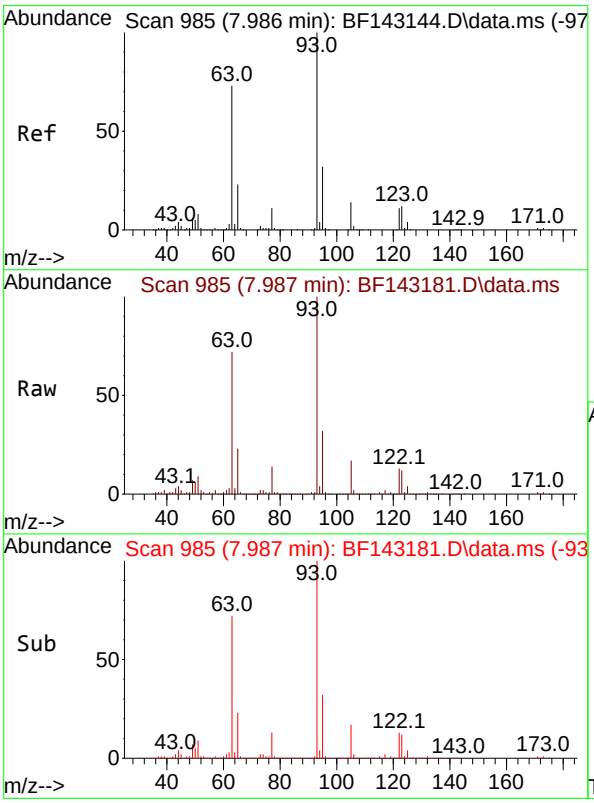
Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.8	137.6
121	57.2	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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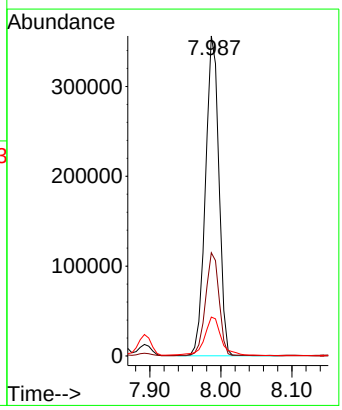
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

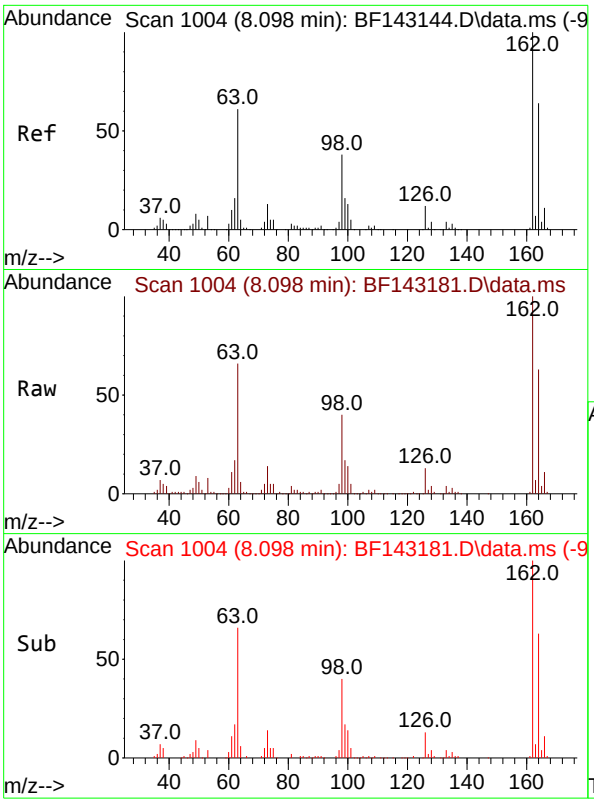


#28
bis(2-Chloroethoxy)methane
Concen: 41.702 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 469100

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	12.2	9.7	14.5

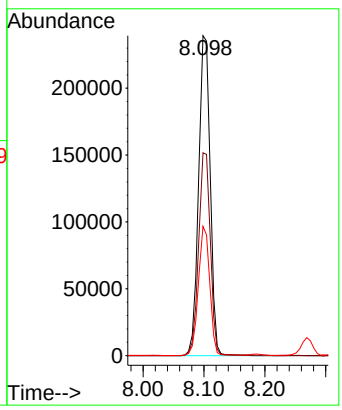




#29
2,4-Dichlorophenol
Concen: 42.863 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:162 Resp: 31685

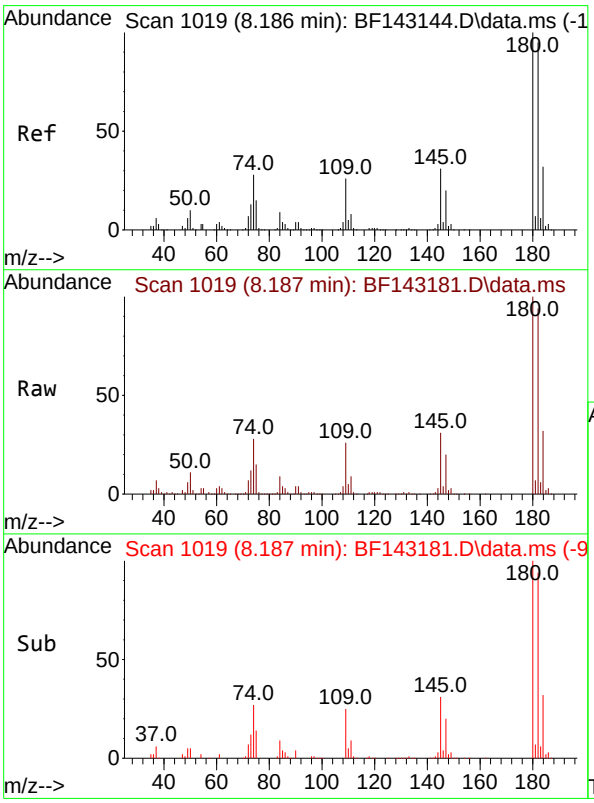
Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.2	84.2
98	40.4	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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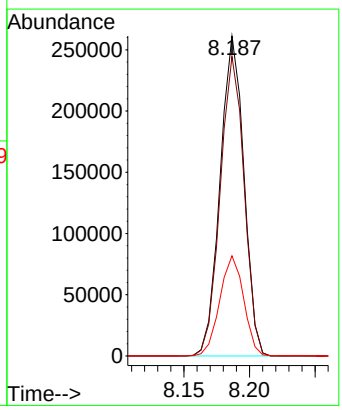
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

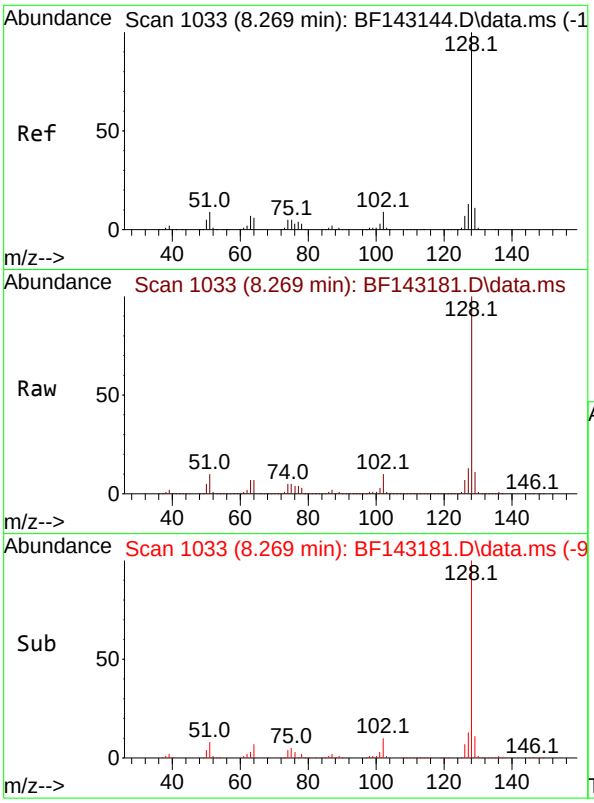


#30
1,2,4-Trichlorobenzene
Concen: 41.232 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:180 Resp: 329282

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.2	114.2
145	31.3	25.0	37.6

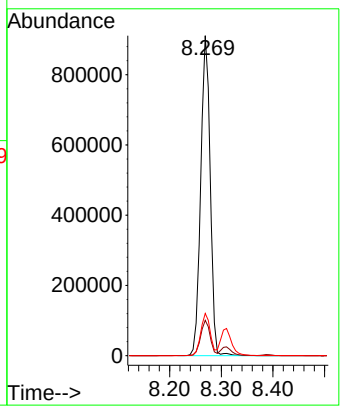




#31
Naphthalene
Concen: 44.458 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:128 Resp: 115991

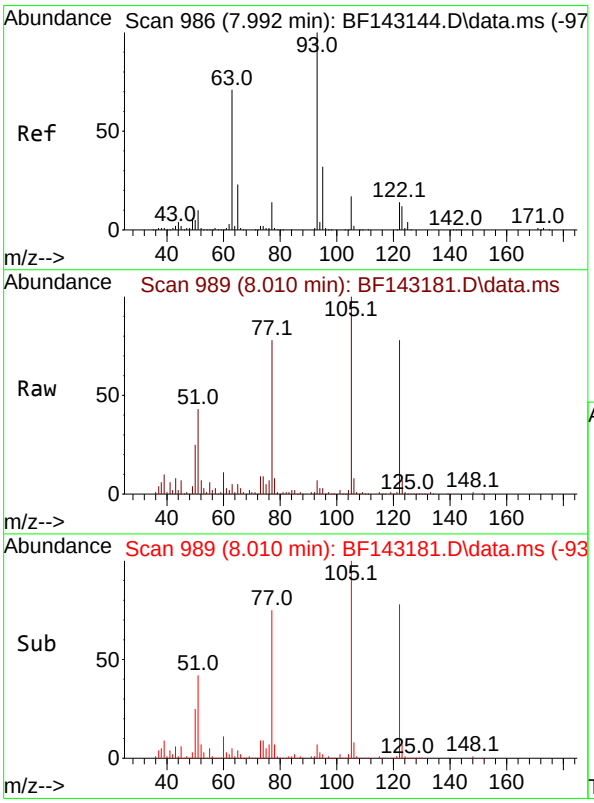
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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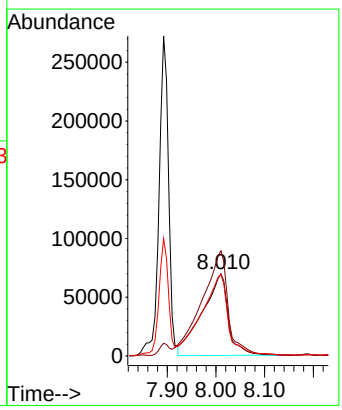
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

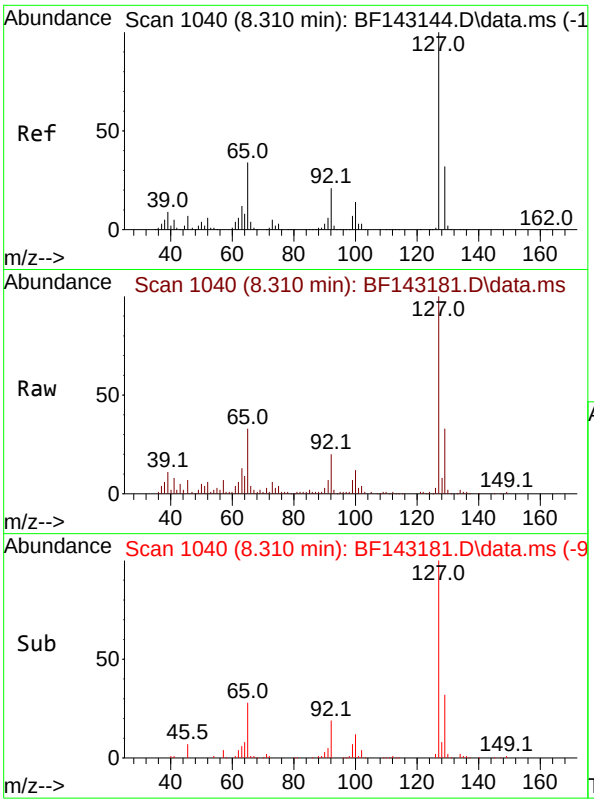


#32
Benzoic acid
Concen: 52.195 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:122 Resp: 260227

Ion	Ratio	Lower	Upper
122	100		
105	128.1	104.8	144.8
77	99.6	77.6	117.6

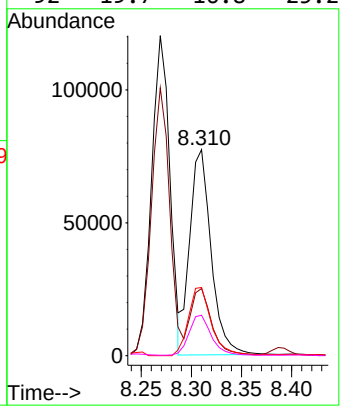




#33
4-Chloroaniline
Concen: 10.785 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:127 Resp: 11489

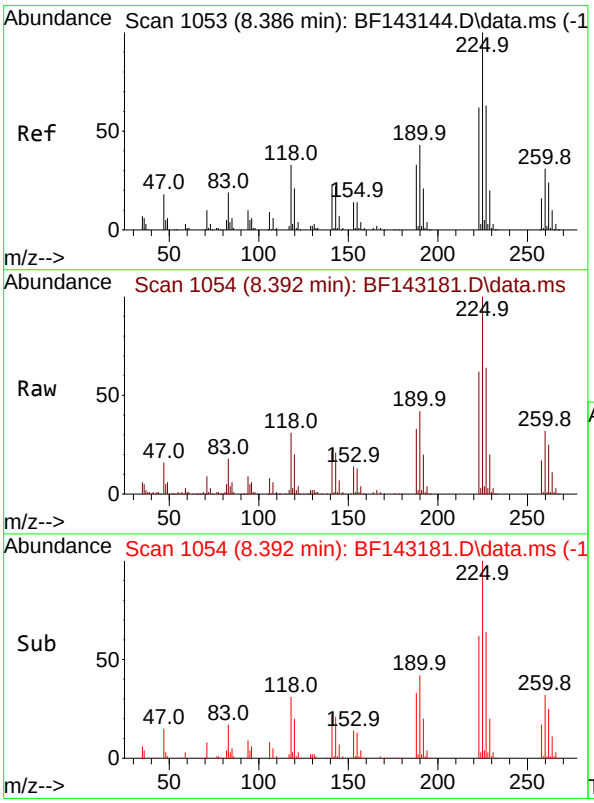
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	33.1	27.4	41.2
92	19.7	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

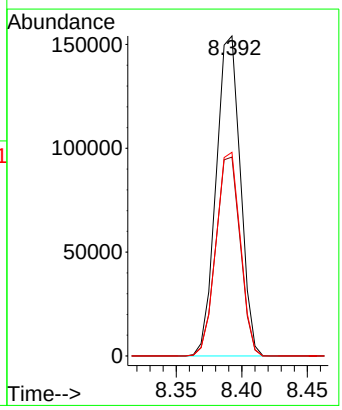
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

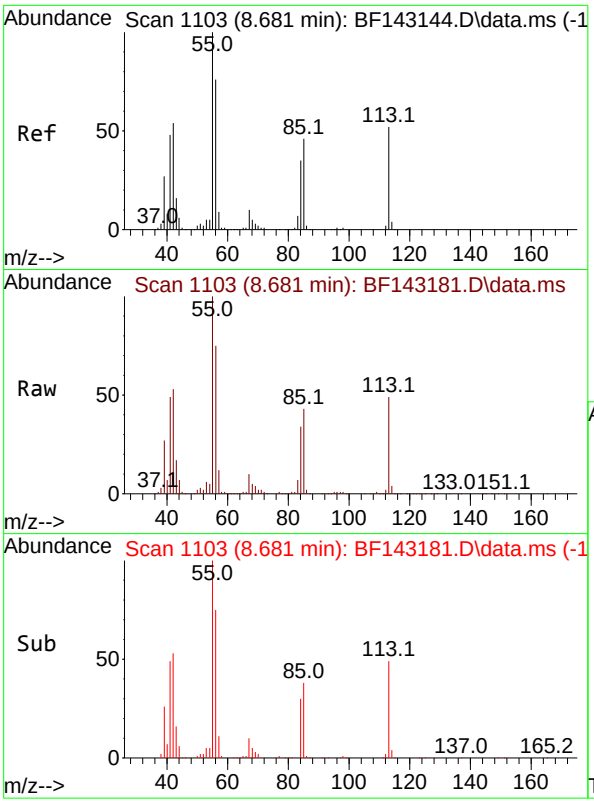


#34
Hexachlorobutadiene
Concen: 40.563 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:225 Resp: 197888

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	63.7	50.2	75.4





#35
Caprolactam
Concen: 51.232 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

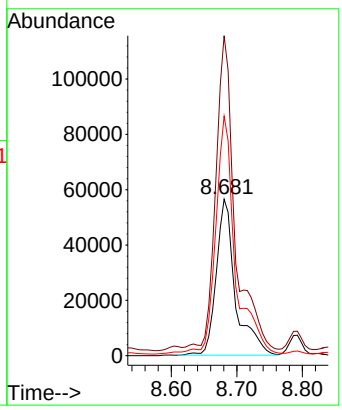
Tgt Ion:113 Resp: 11444

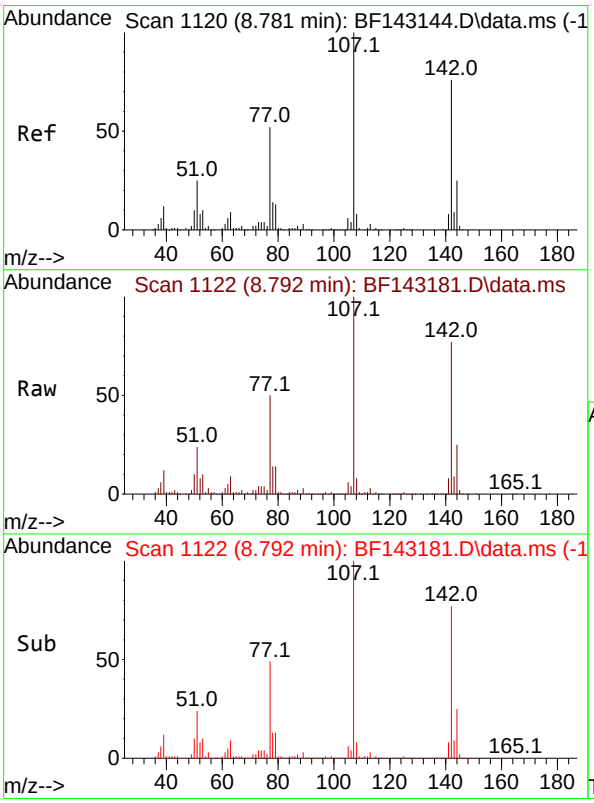
Ion	Ratio	Lower	Upper
113	100		
55	204.6	174.0	214.0
56	153.2	126.6	166.6

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

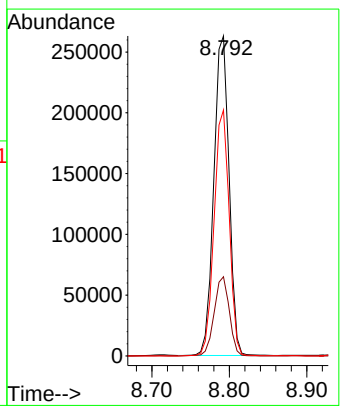


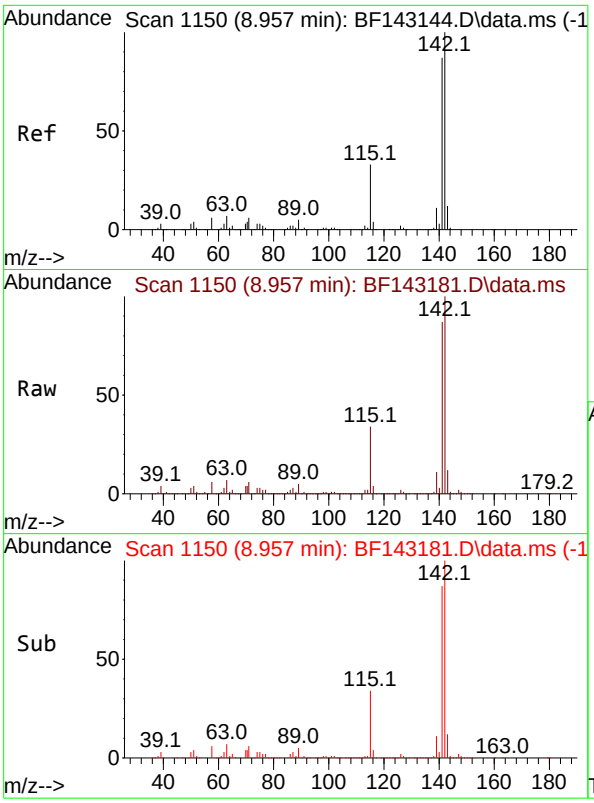


#36
4-Chloro-3-methylphenol
Concen: 44.590 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 358269

Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	76.9	60.6	90.8

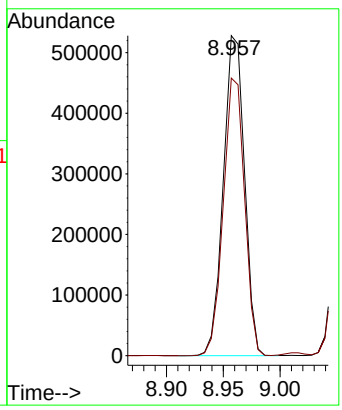




#37
2-Methylnaphthalene
Concen: 43.229 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:142 Resp: 68631

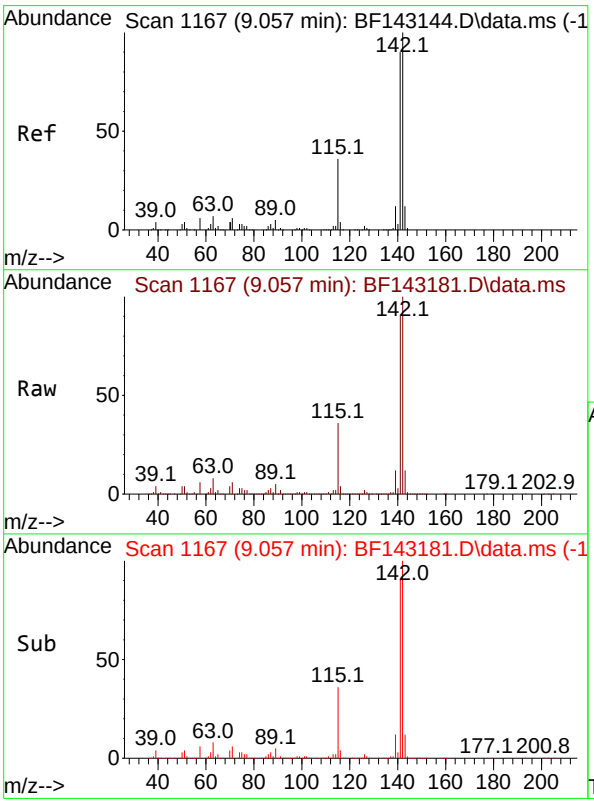
Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

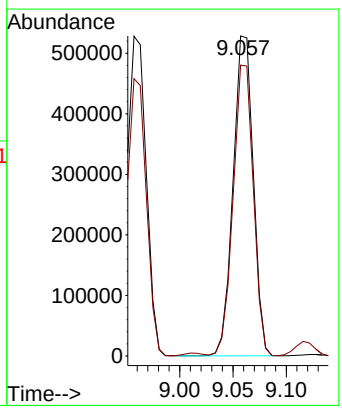
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

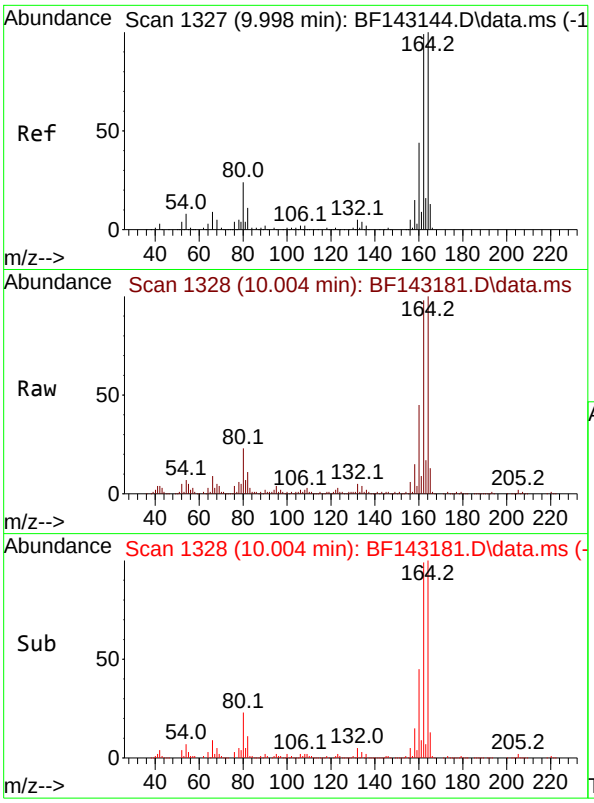


#38
1-Methylnaphthalene
Concen: 42.680 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:142 Resp: 697758

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5

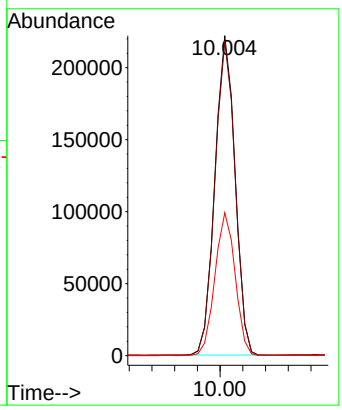




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:164 Resp: 27446

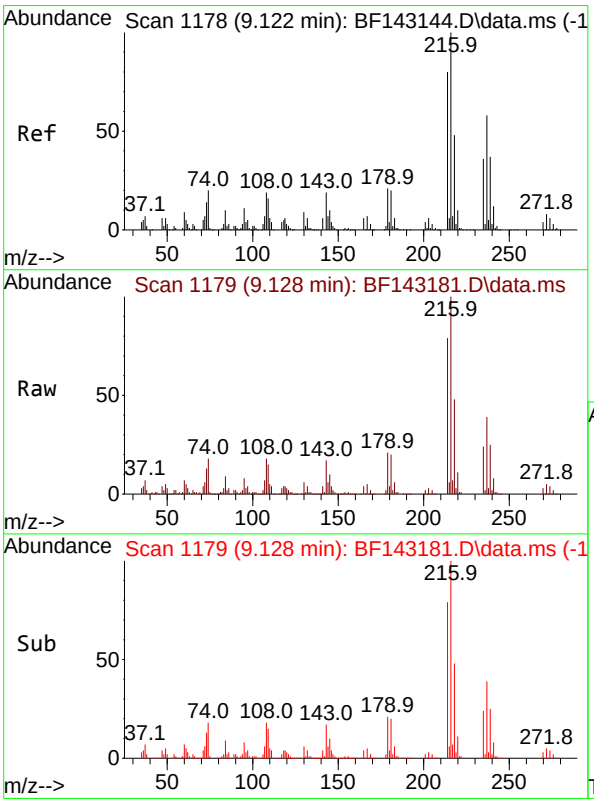
Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.0	118.6
160	44.7	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

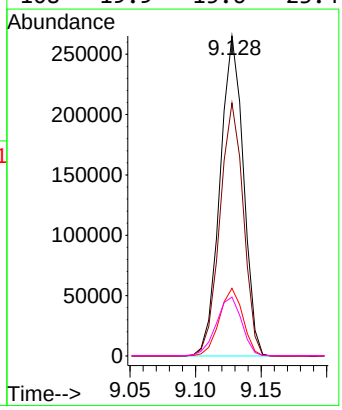
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

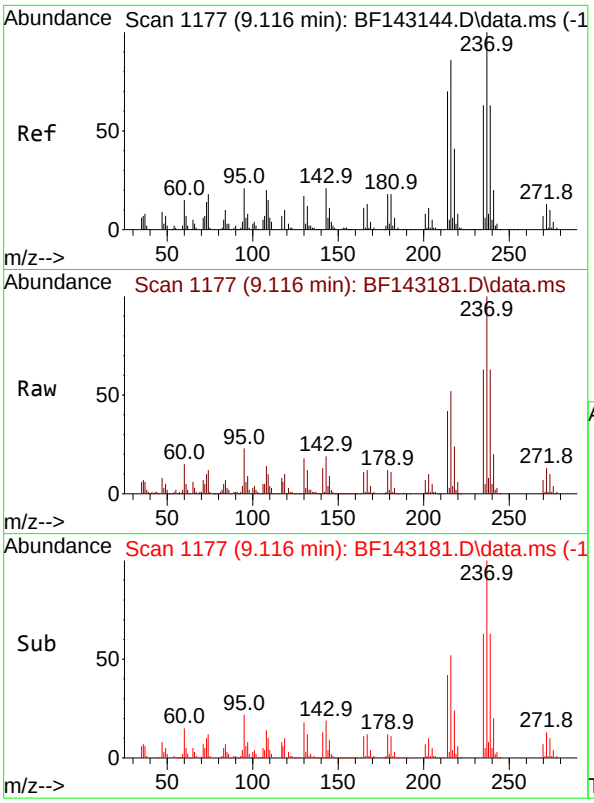


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.506 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:216 Resp: 328897

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.8
179	21.2	16.4	24.6
108	19.9	15.6	23.4

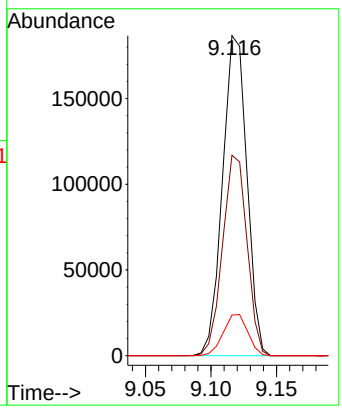




#41
Hexachlorocyclopentadiene
Concen: 46.829 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:237 Resp: 24144

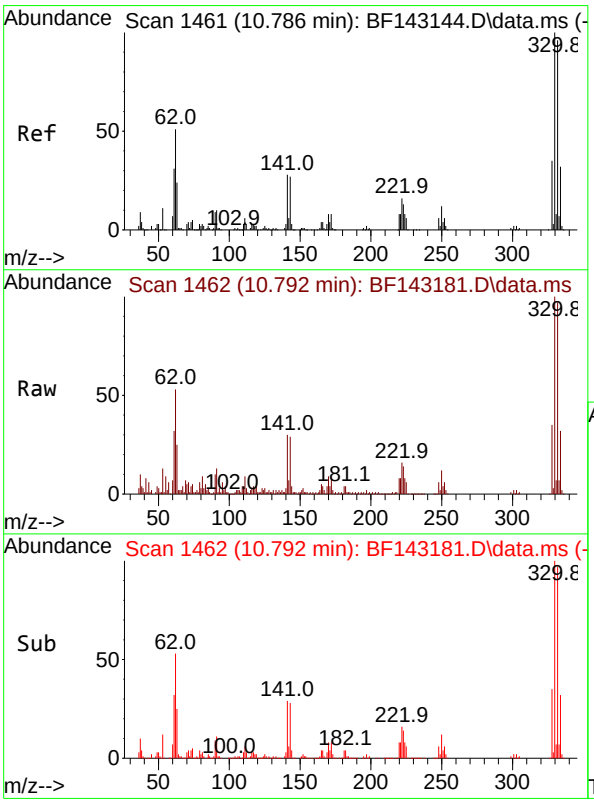
Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.0	83.0
272	12.7	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

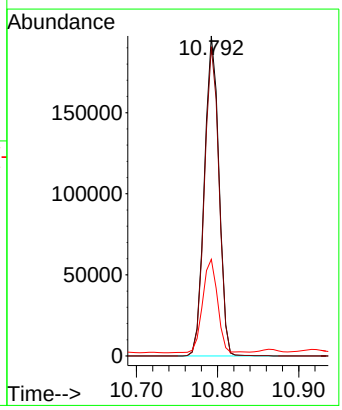
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

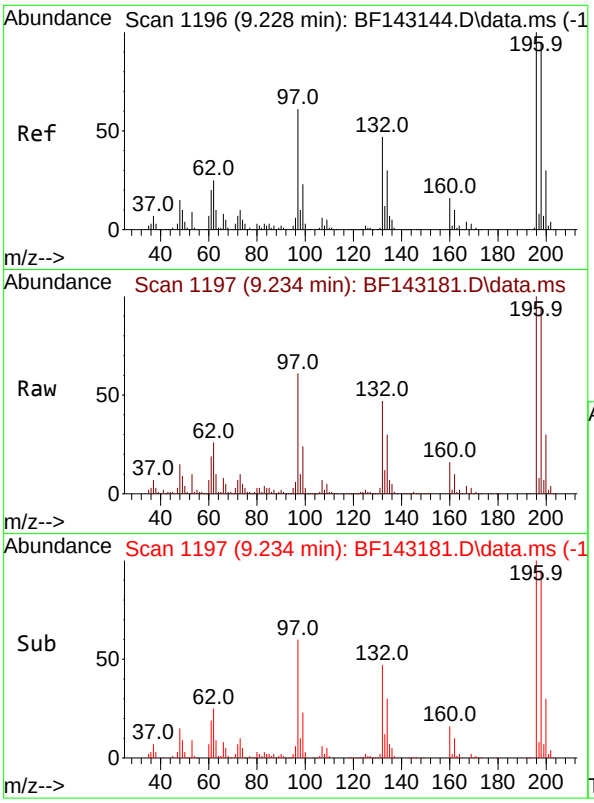


#42
2,4,6-Tribromophenol
Concen: 86.354 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:330 Resp: 244844

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	29.8	23.3	34.9

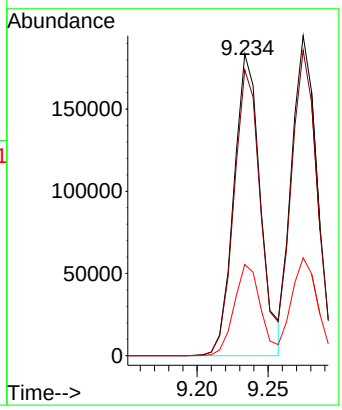




#43
2,4,6-Trichlorophenol
Concen: 43.470 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:196 Resp: 23839

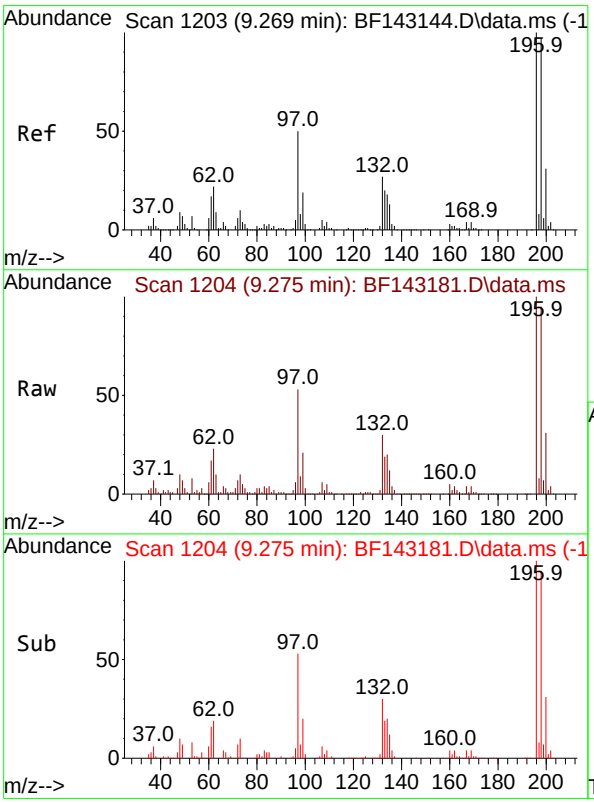
Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	30.2	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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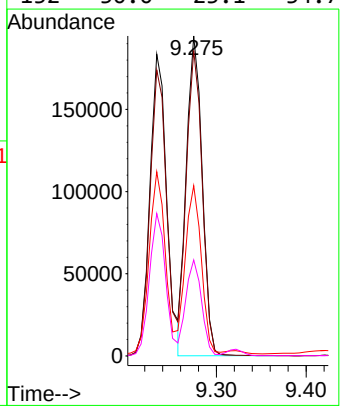
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

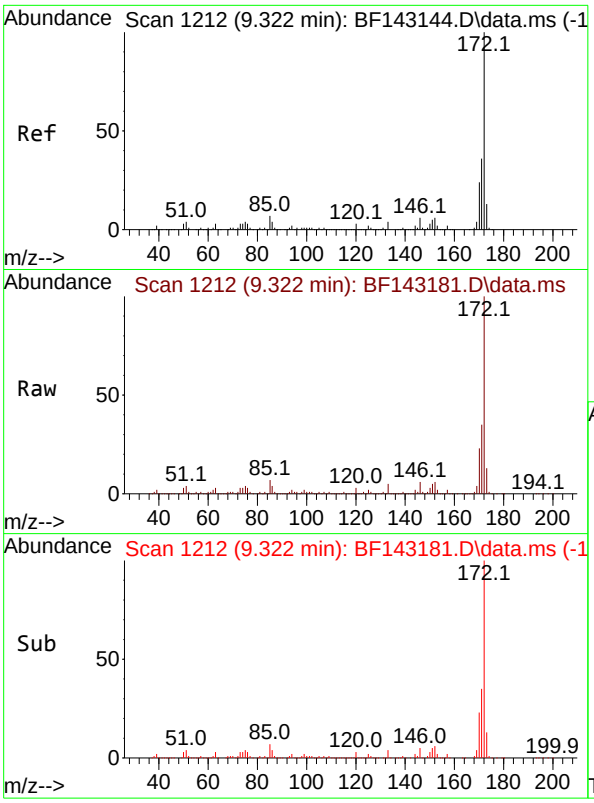


#44
2,4,5-Trichlorophenol
Concen: 43.512 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:196 Resp: 238695

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.3	115.9
97	53.2	40.3	60.5
132	30.0	23.1	34.7

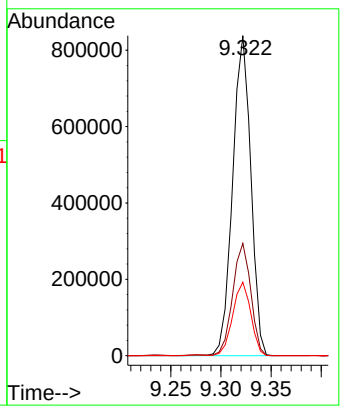




#45
2-Fluorobiphenyl
Concen: 52.801 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:172 Resp: 105963

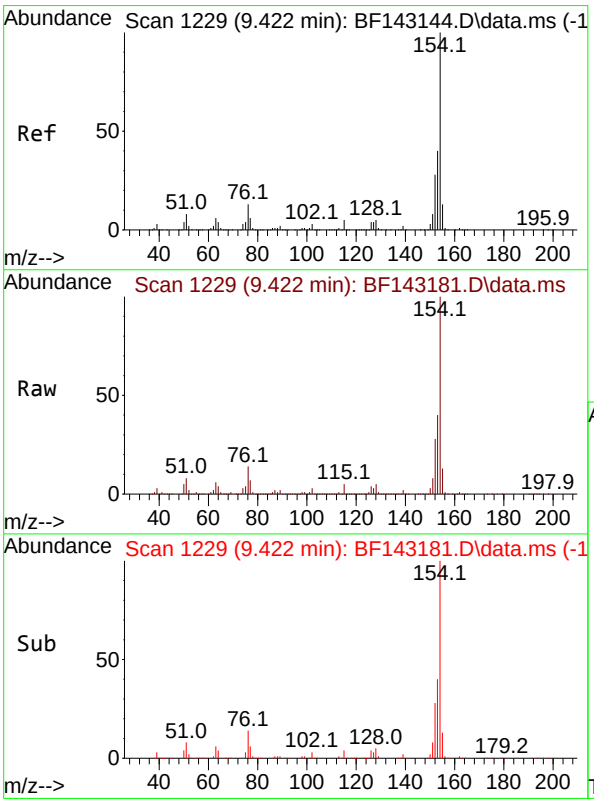
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.0	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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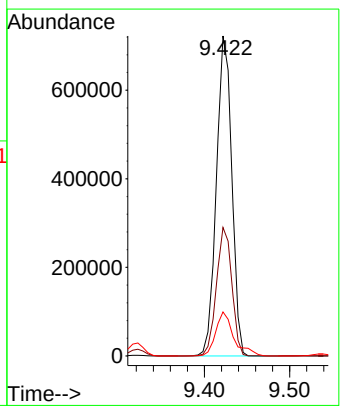
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

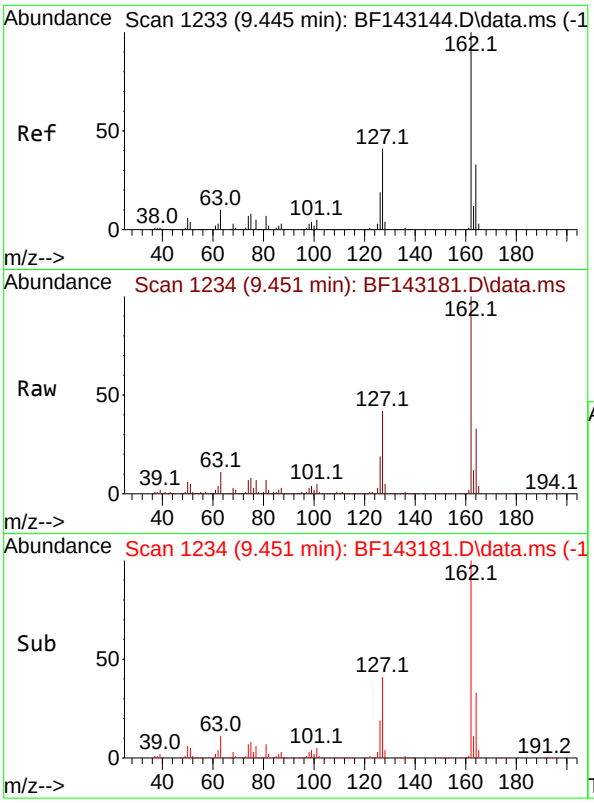


#46
1,1'-Biphenyl
Concen: 42.350 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:154 Resp: 906851

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.7	0.0	33.3

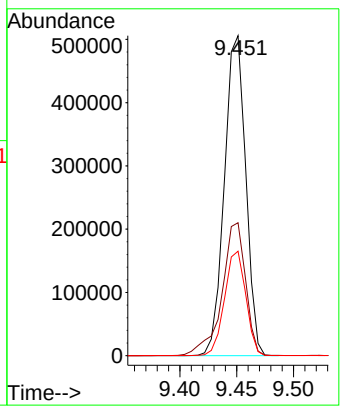




#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:162 Resp: 66158

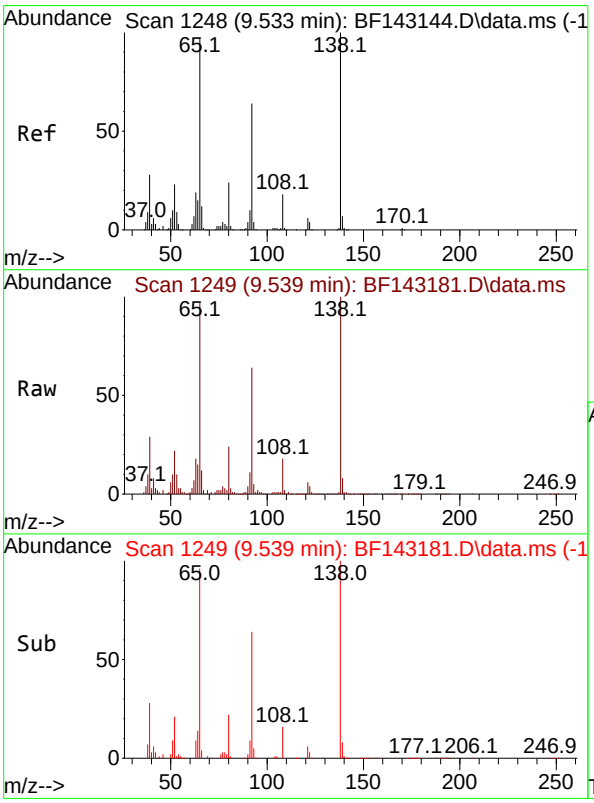
Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.7	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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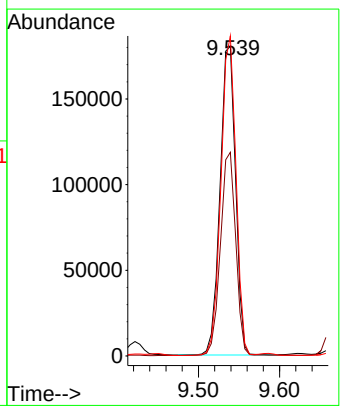
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

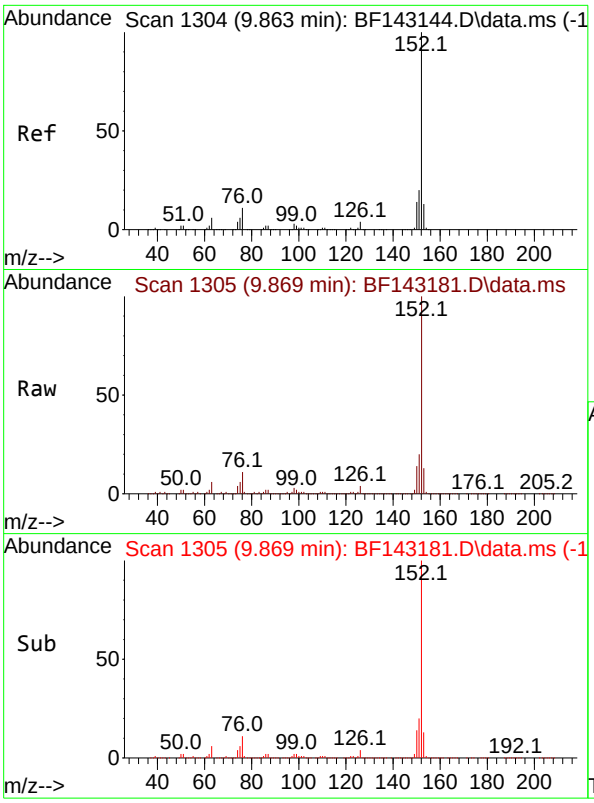


#48
2-Nitroaniline
Concen: 48.368 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 65 Resp: 240330

Ion	Ratio	Lower	Upper
65	100		
92	65.7	52.4	78.6
138	103.3	82.3	123.5

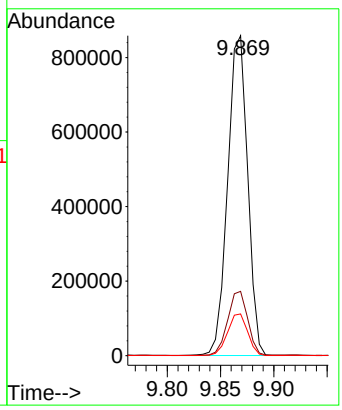




#49
Acenaphthylene
Concen: 42.250 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:152 Resp: 112186

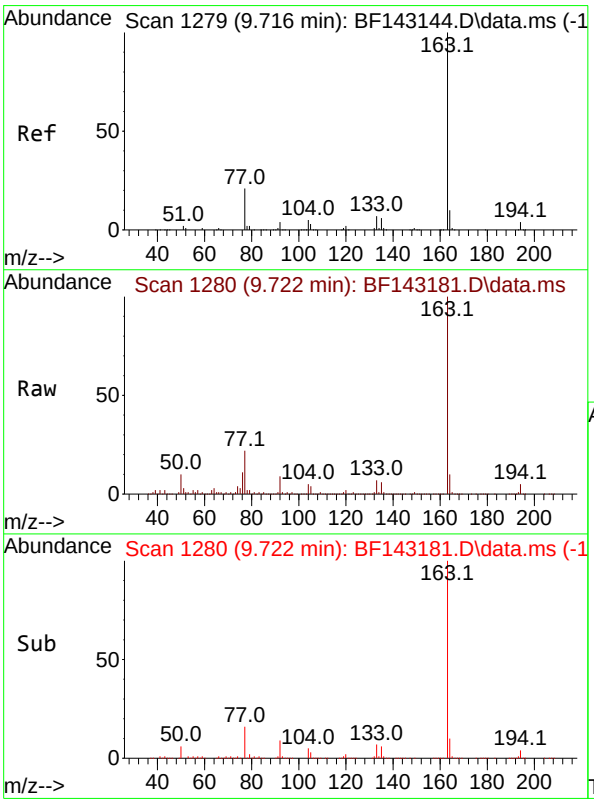
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

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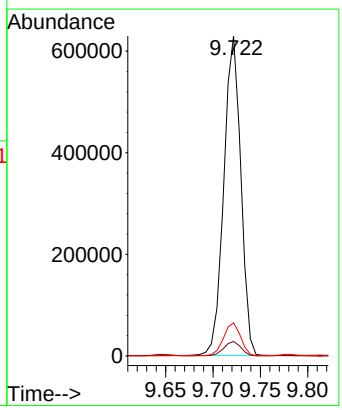
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

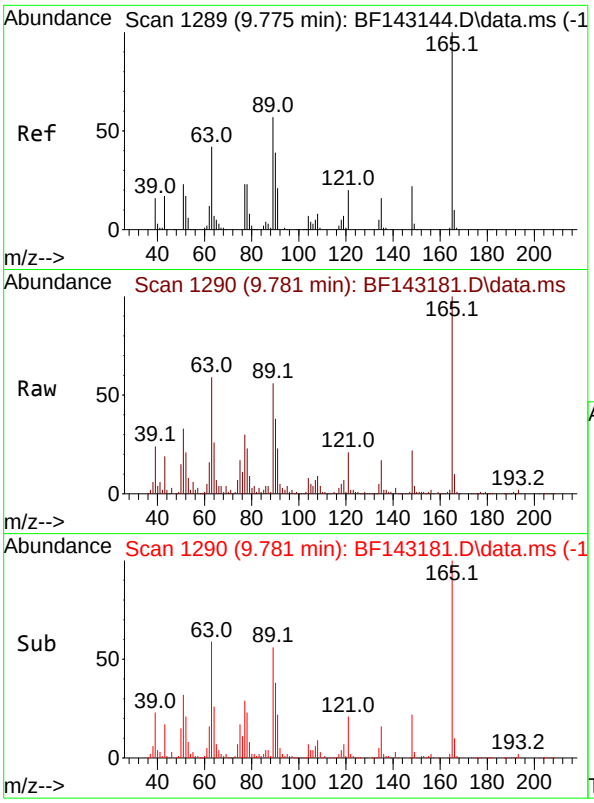


#50
Dimethylphthalate
Concen: 43.933 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:163 Resp: 785971

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.3	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 48.027 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

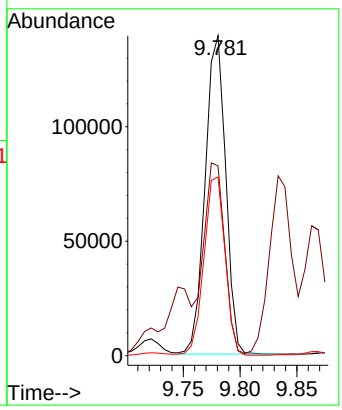
Tgt Ion:165 Resp: 17478

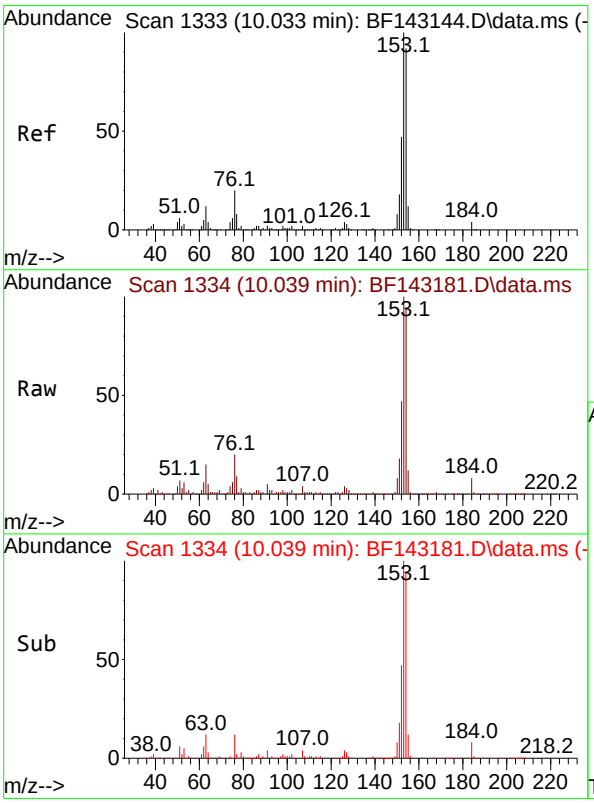
Ion	Ratio	Lower	Upper
165	100		
63	59.3	49.4	74.2
89	55.8	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

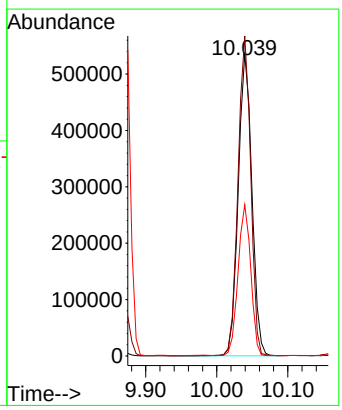


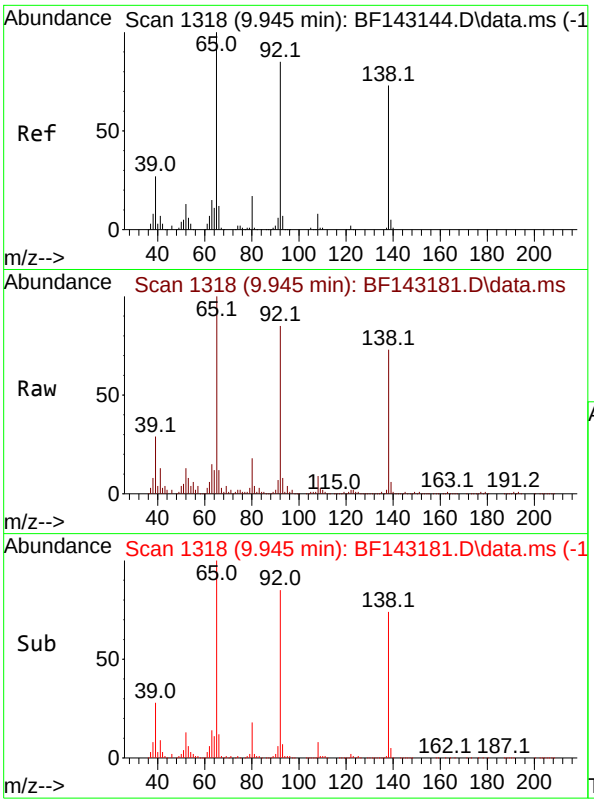


#52
Acenaphthene
Concen: 45.702 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:154 Resp: 717249

Ion	Ratio	Lower	Upper
154	100		
153	105.9	86.6	129.8
152	50.0	40.4	60.6





#53
3-Nitroaniline
Concen: 33.307 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

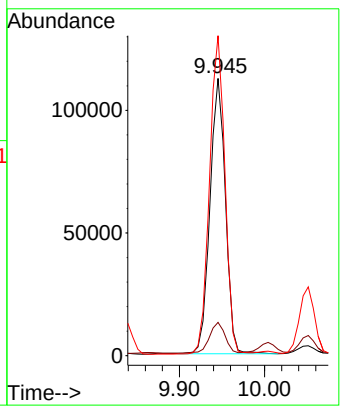
Tgt Ion:138 Resp: 14178

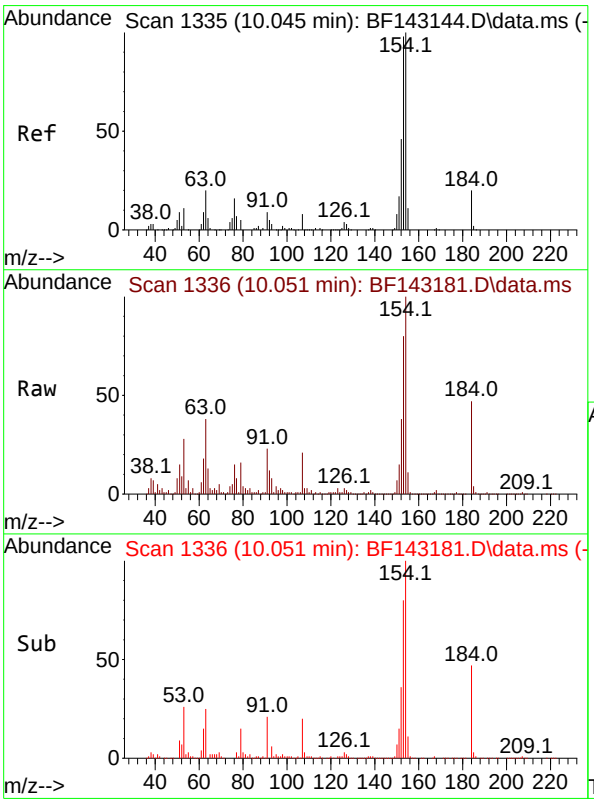
Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.0	13.6
92	115.4	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

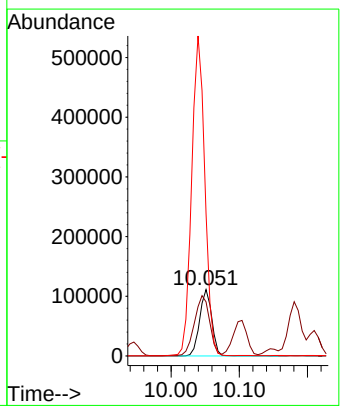


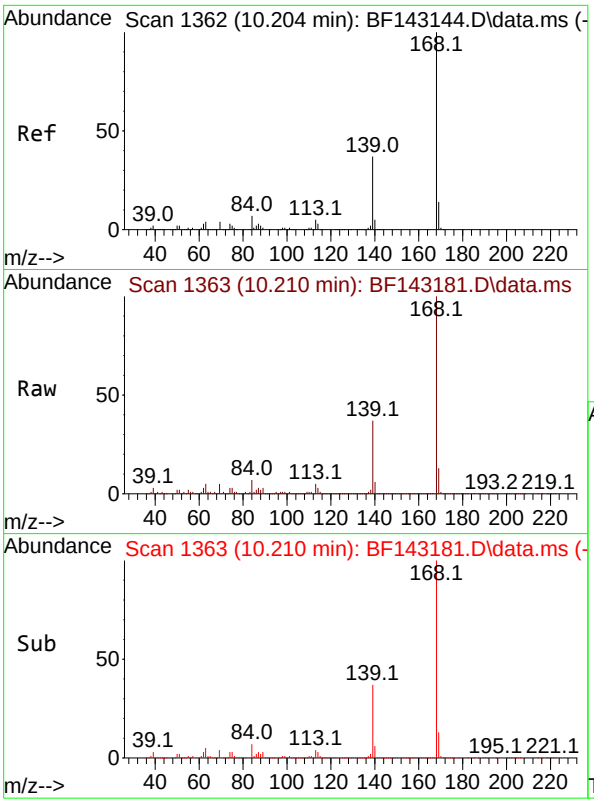


#54
2,4-Dinitrophenol
Concen: 83.480 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:184 Resp: 138218

Ion	Ratio	Lower	Upper
184	100		
63	81.4	81.8	122.6#
154	214.4	412.2	618.4#

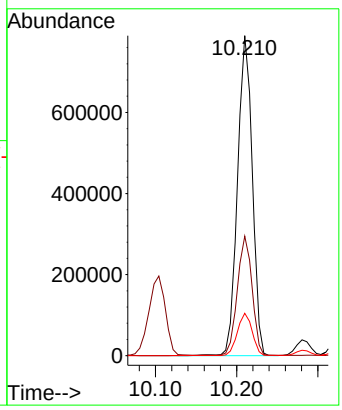




#55
Dibenzofuran
Concen: 42.608 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:168 Resp: 99279

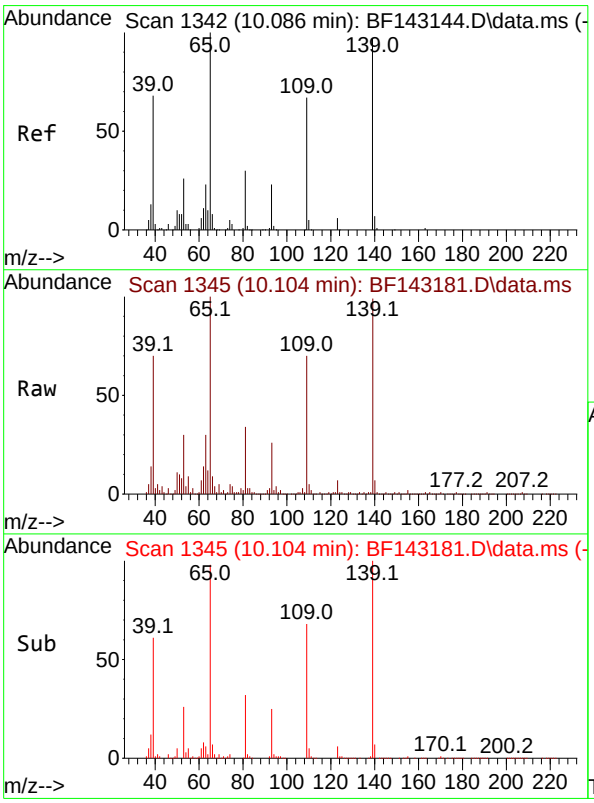
Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.3	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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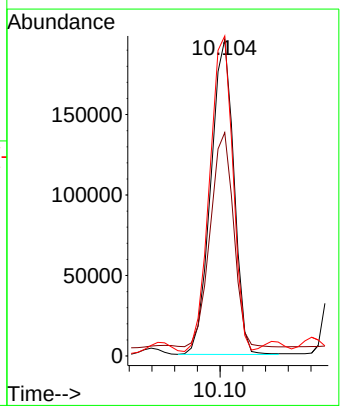
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

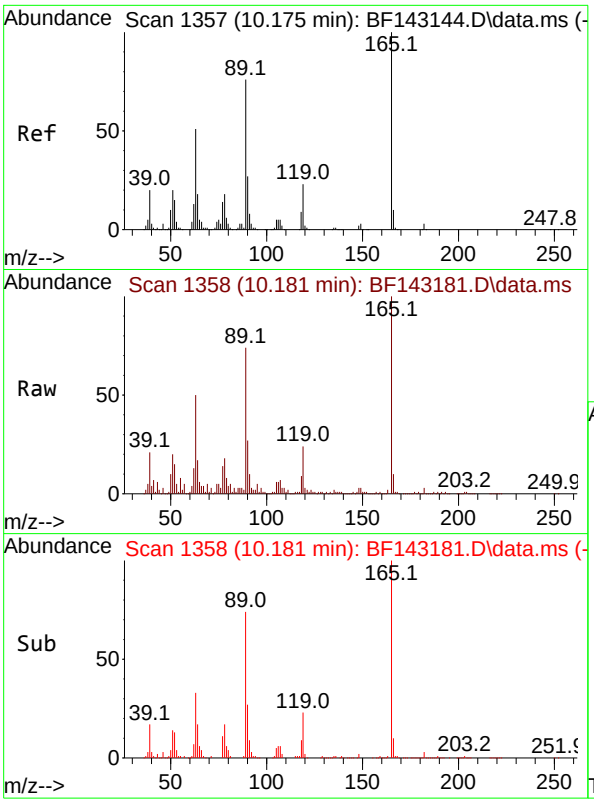


#56
4-Nitrophenol
Concen: 87.047 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 276705

Ion	Ratio	Lower	Upper
139	100		
109	70.6	48.5	88.5
65	101.1	83.4	123.4

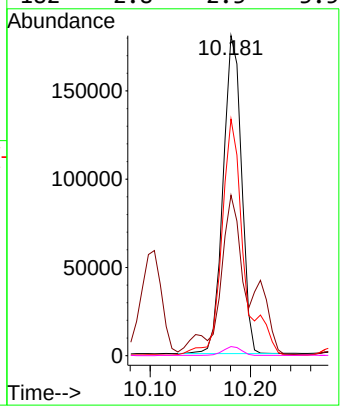




#57
2,4-Dinitrotoluene
Concen: 50.245 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:165 Resp: 22942

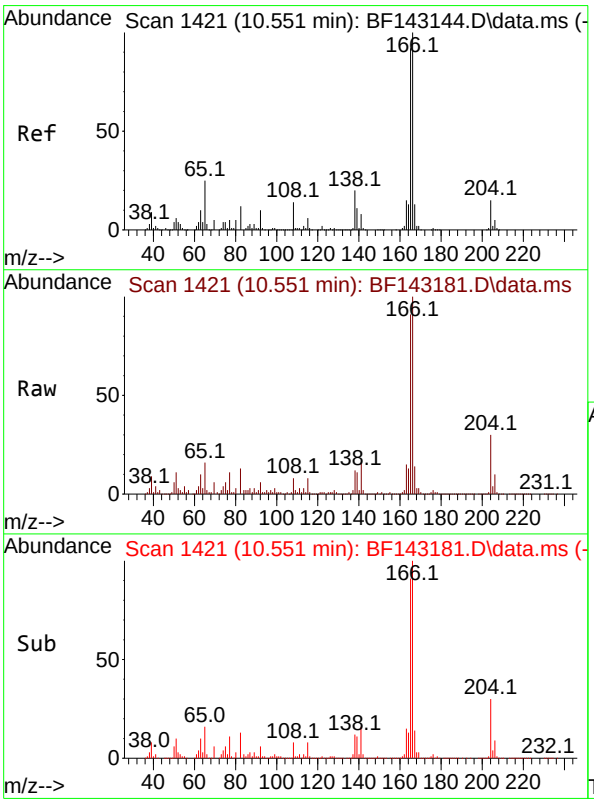
Ion	Ratio	Lower	Upper
165	100		
63	50.2	41.0	61.4
89	73.9	61.1	91.7
182	2.8	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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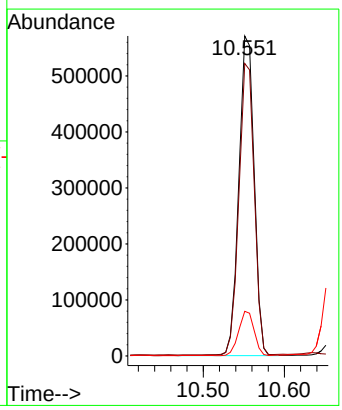
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

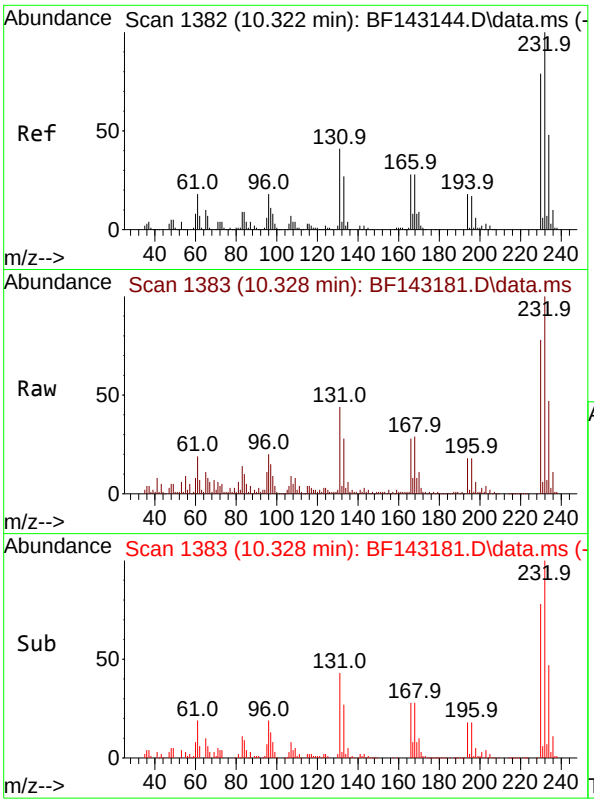


#58
Fluorene
Concen: 42.649 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:166 Resp: 745825

Ion	Ratio	Lower	Upper
166	100		
165	91.4	73.7	110.5
167	14.0	10.6	16.0

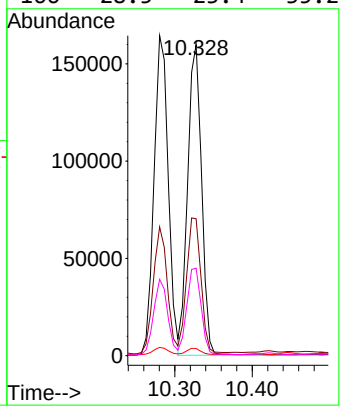




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.788 ng
RT: 10.328 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:232 Resp: 19897

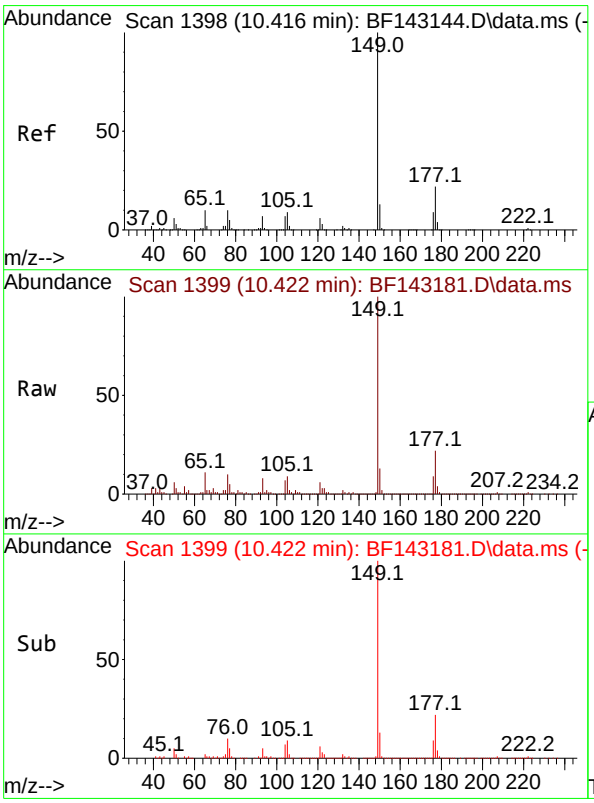
Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.3	52.9
130	2.2	1.7	2.5
166	28.5	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

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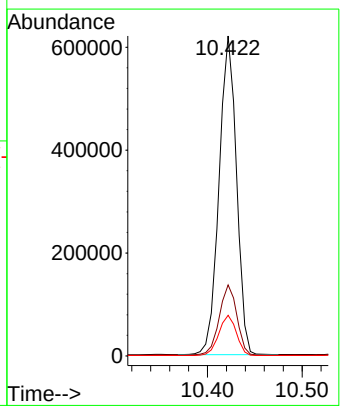
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

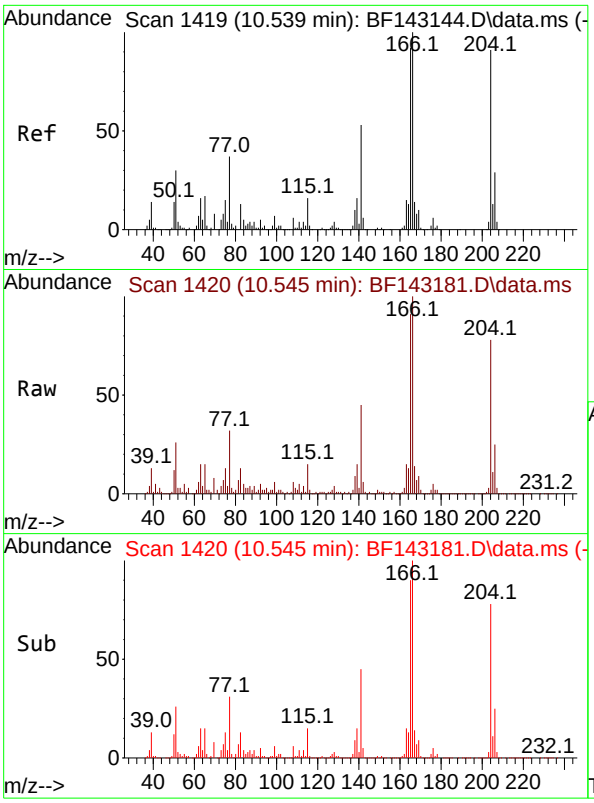


#60
Diethylphthalate
Concen: 44.896 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 793884

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.5	26.3
150	12.7	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.919 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

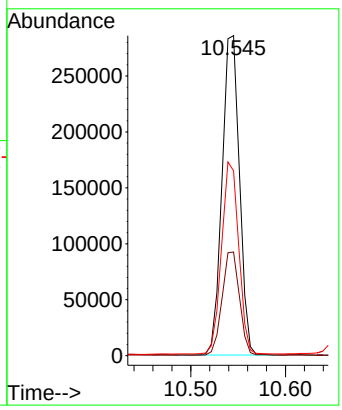
Tgt Ion:204 Resp: 36501

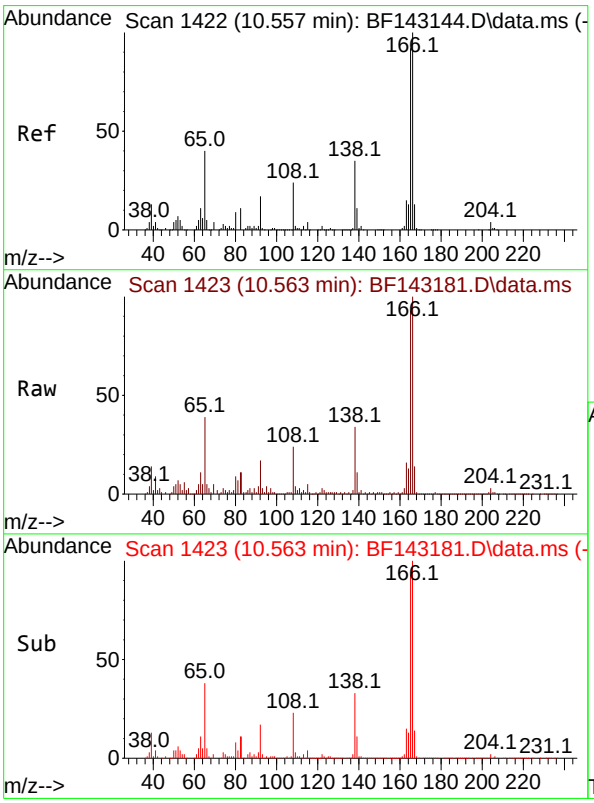
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	57.7	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

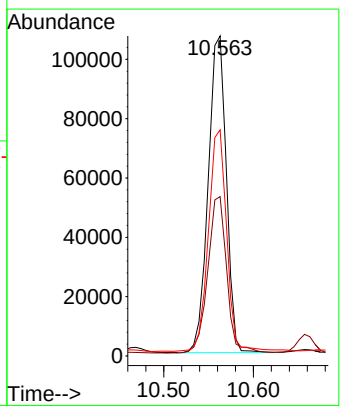


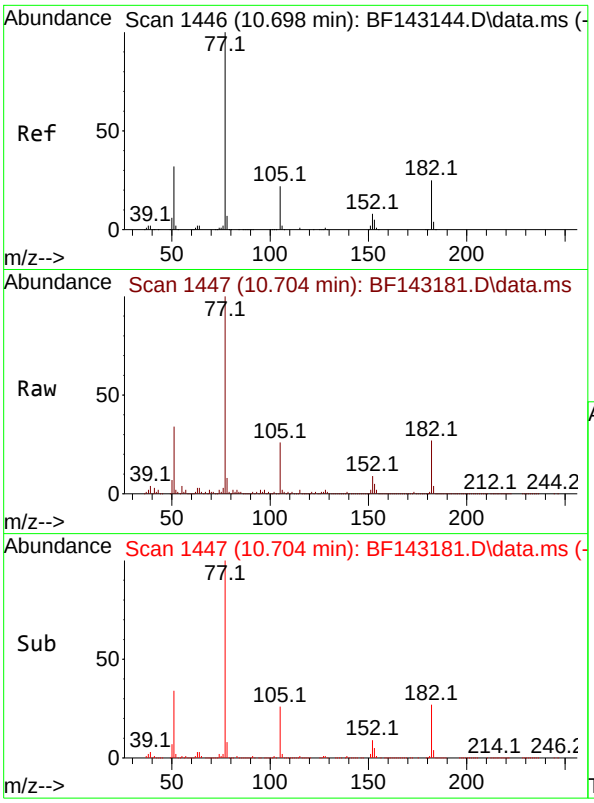


#62
4-Nitroaniline
Concen: 41.149 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:138 Resp: 150125

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.3	69.3
108	70.6	48.3	88.3

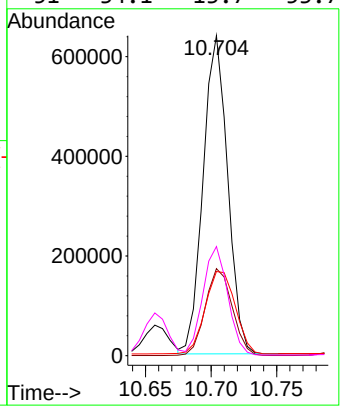




#63
Azobenzene
Concen: 45.166 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 77 Resp: 83237

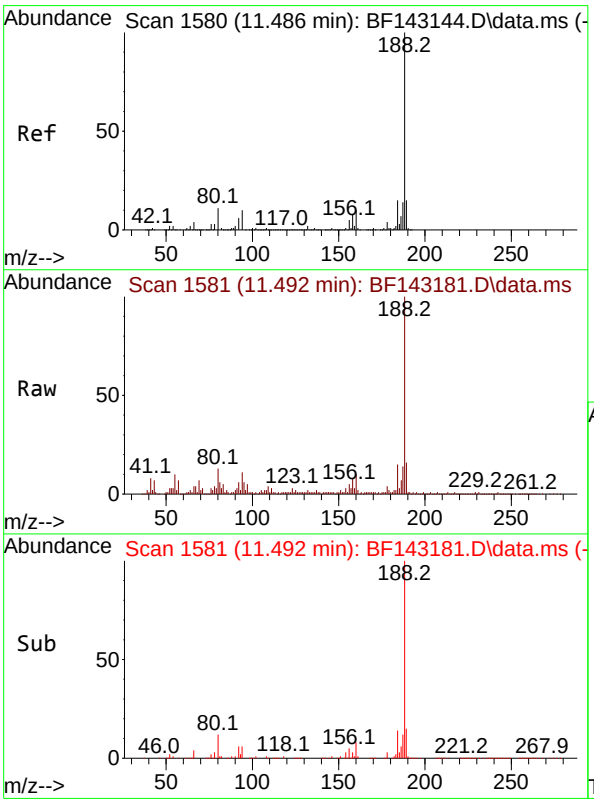
Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.6	44.6
105	26.3	1.4	41.4
51	34.1	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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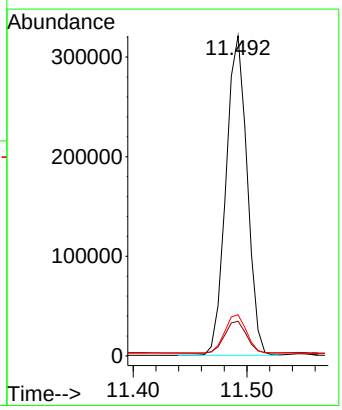
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

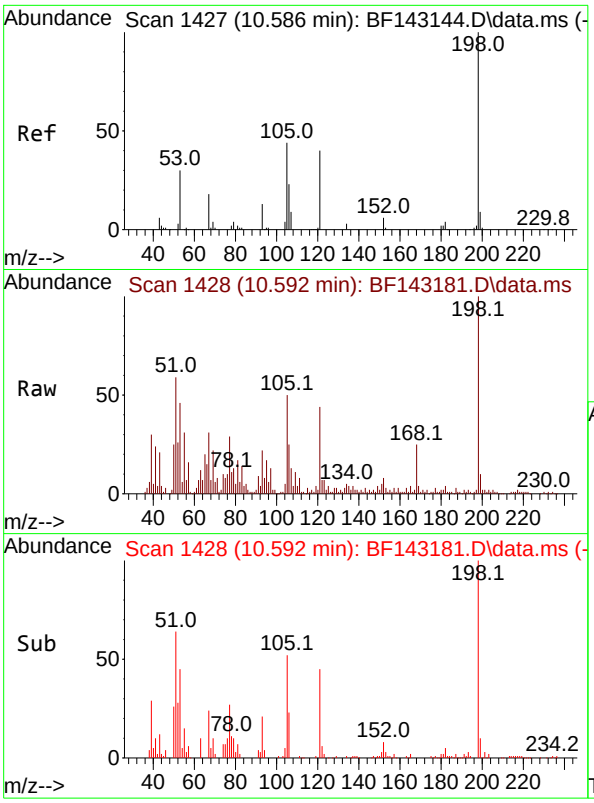


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:188 Resp: 414650

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.3	12.5
80	12.9	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.445 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

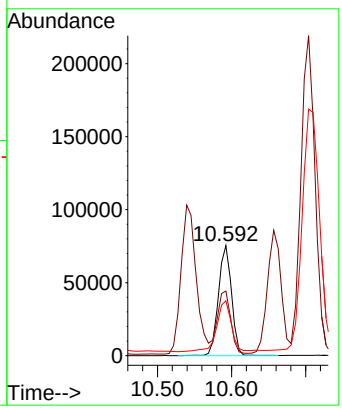
Tgt Ion:198 Resp: 9318(

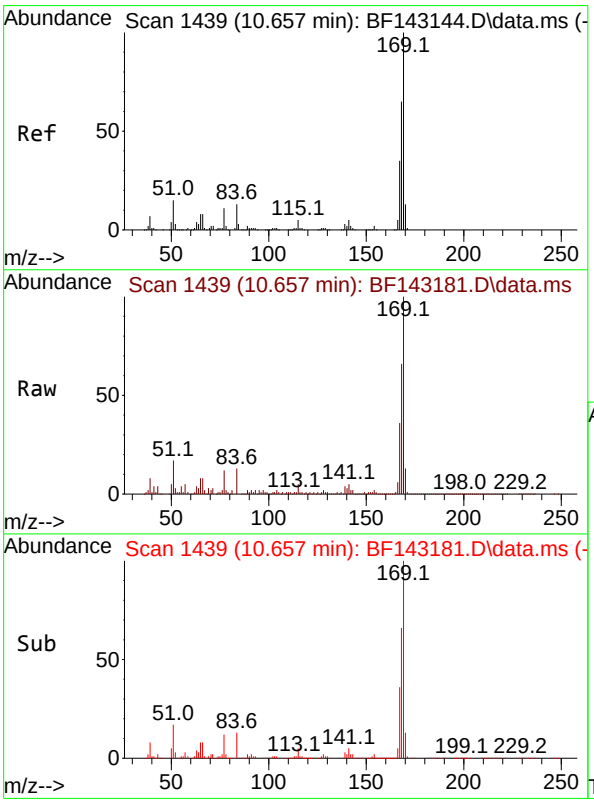
Ion	Ratio	Lower	Upper
198	100		
51	58.7	37.2	77.2
105	49.8	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

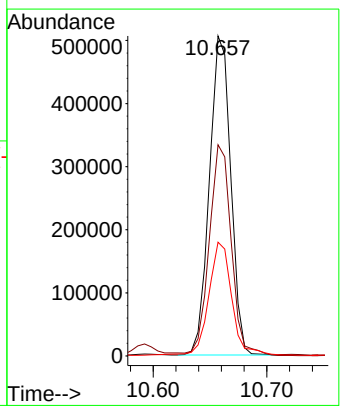


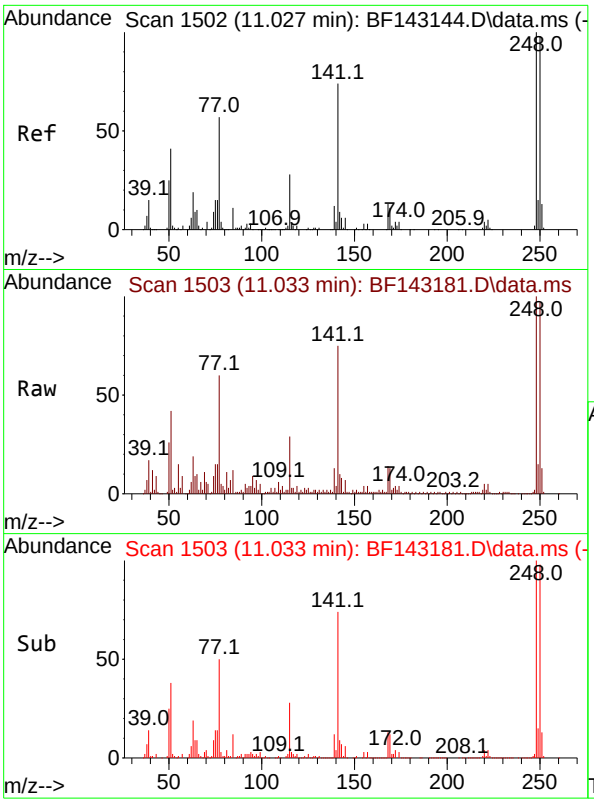


#66
n-Nitrosodiphenylamine
Concen: 45.125 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:169 Resp: 658874

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.1	78.1
167	35.6	28.2	42.2

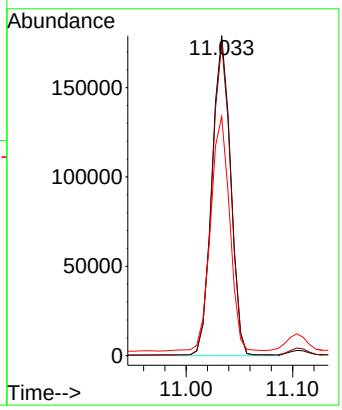




#67
4-Bromophenyl-phenylether
Concen: 44.351 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:248 Resp: 21916

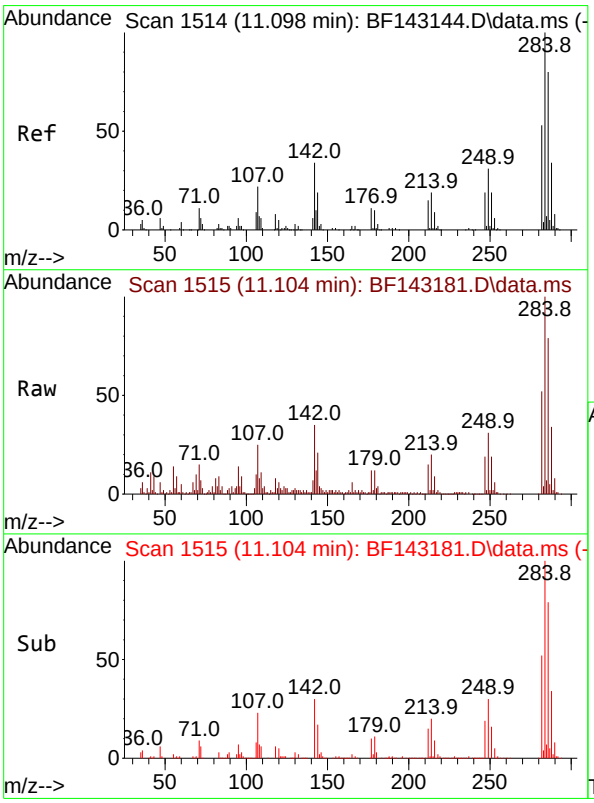
Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.3	117.5
141	74.7	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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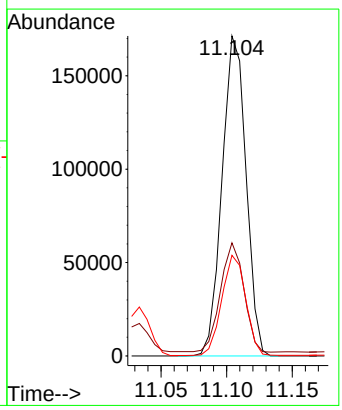
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

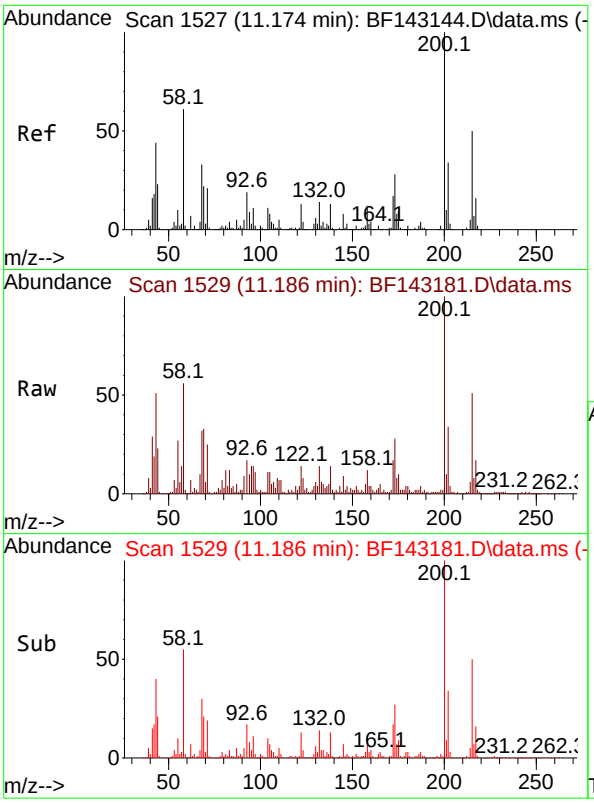


#68
Hexachlorobenzene
Concen: 42.143 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:284 Resp: 217668

Ion	Ratio	Lower	Upper
284	100		
142	35.4	27.0	40.6
249	31.5	25.0	37.6

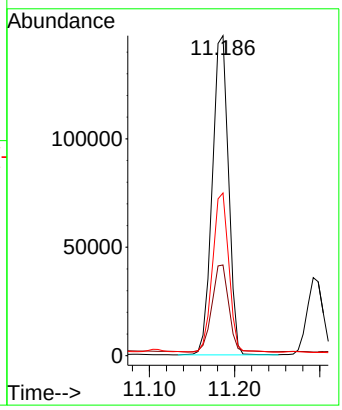




#69
Atrazine
Concen: 48.470 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:200 Resp: 19511

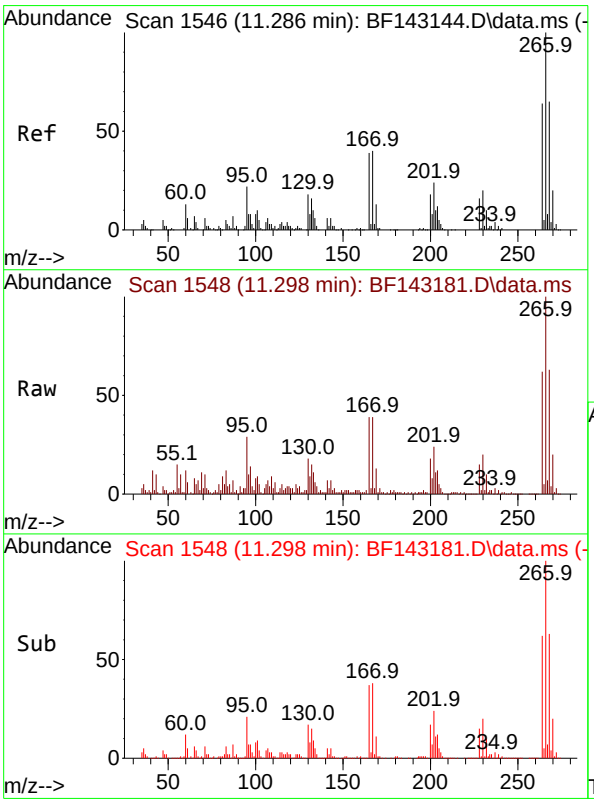
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	50.8	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

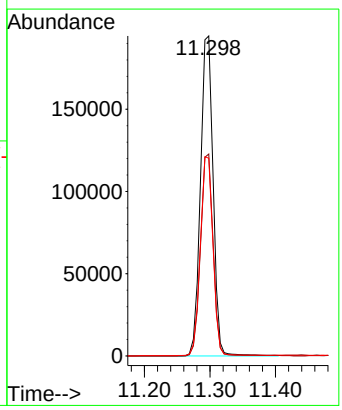
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

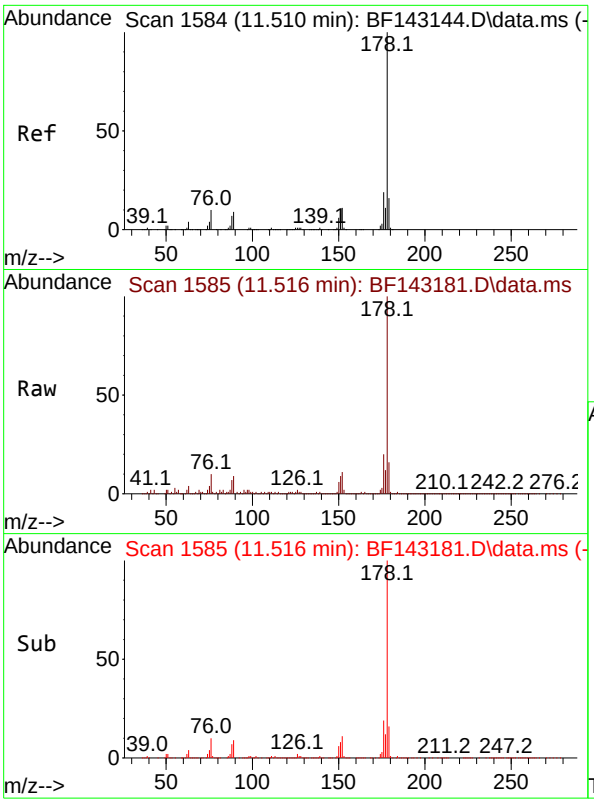


#70
Pentachlorophenol
Concen: 86.042 ng
RT: 11.298 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:266 Resp: 261343

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	61.8	51.0	76.6





#71
Phenanthrene
Concen: 55.224 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

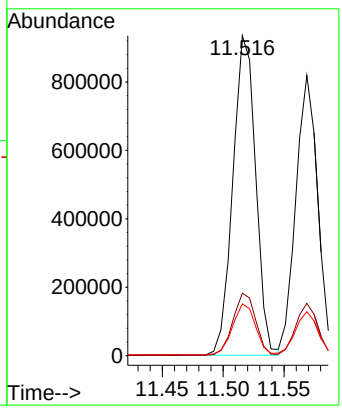
Tgt Ion:178 Resp: 121584

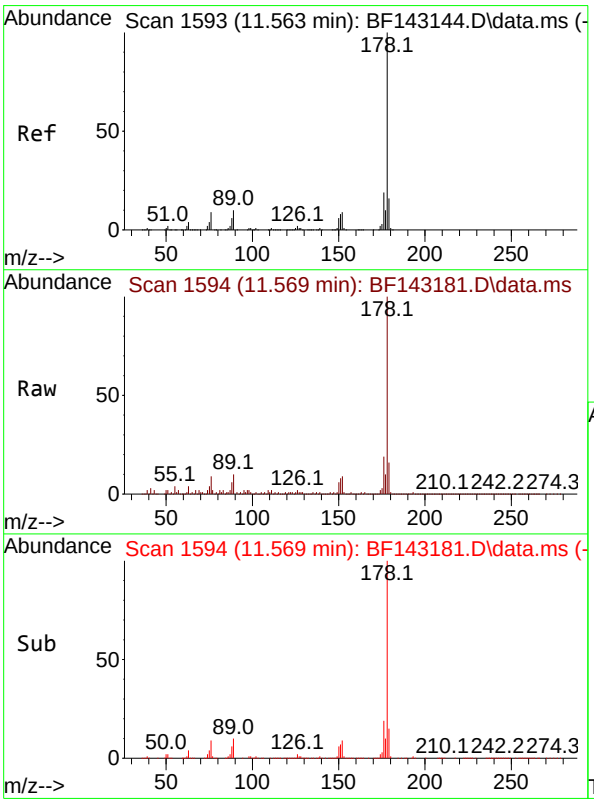
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	16.2	12.5	18.7

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

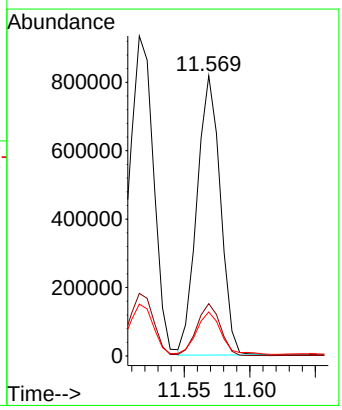


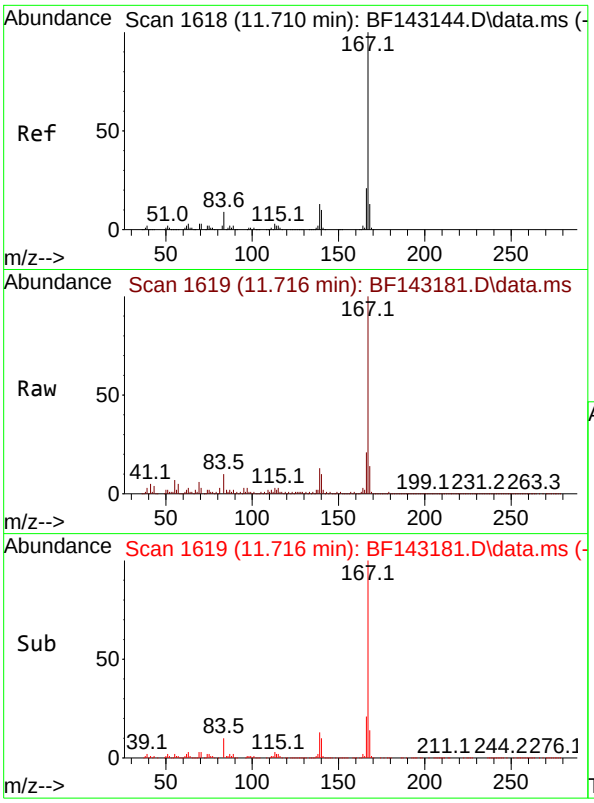


#72
Anthracene
Concen: 45.259 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:178 Resp: 1016264

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.5	18.7

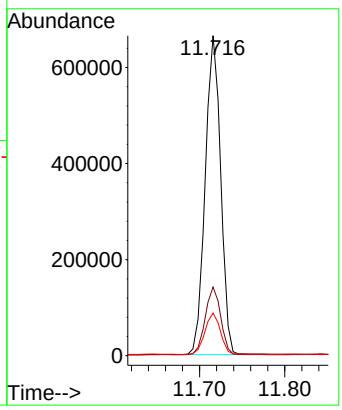




#73
Carbazole
Concen: 42.692 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:167 Resp: 83706

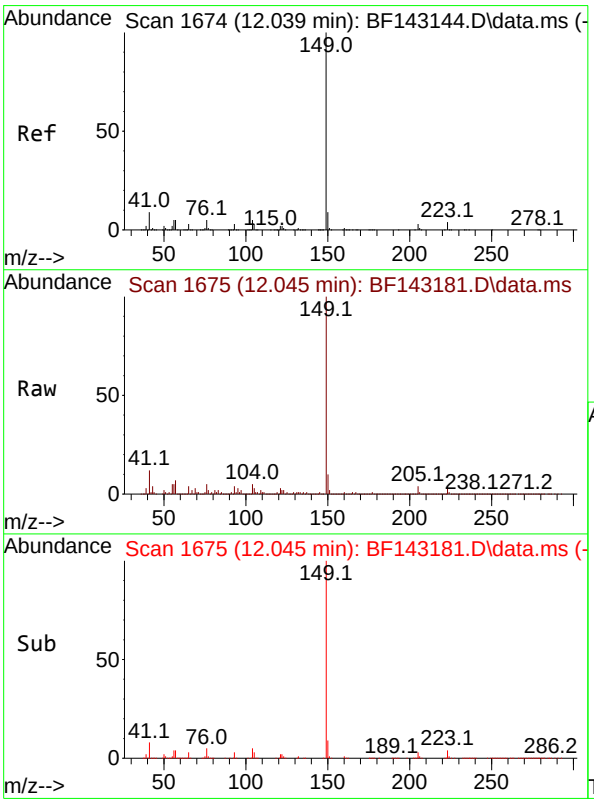
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.3	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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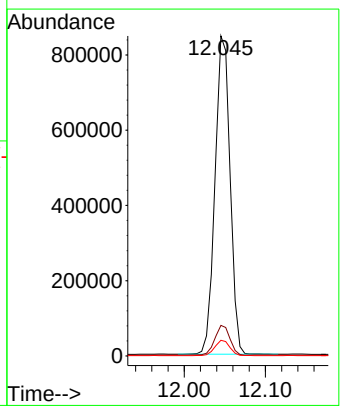
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

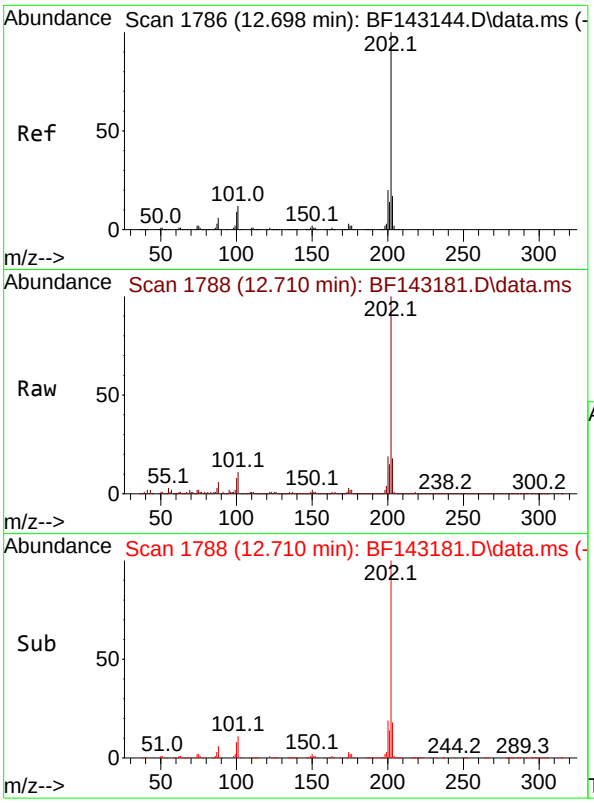


#74
Di-n-butylphthalate
Concen: 49.237 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 1092339

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.9	3.8	5.8





#75
Fluoranthene
Concen: 66.679 ng
RT: 12.710 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

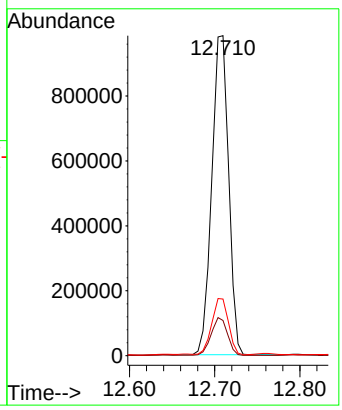
Tgt Ion:202 Resp: 134747

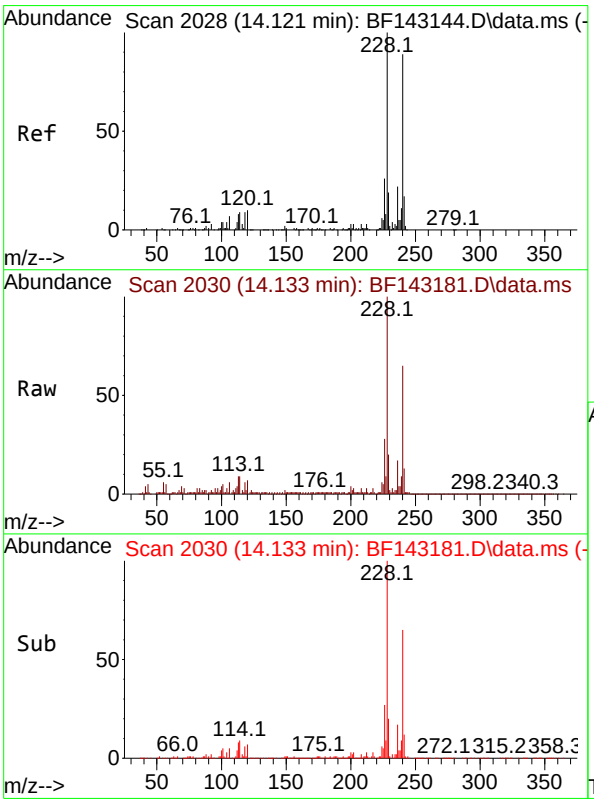
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.7
203	17.7	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

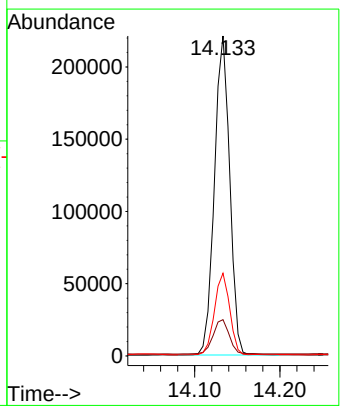


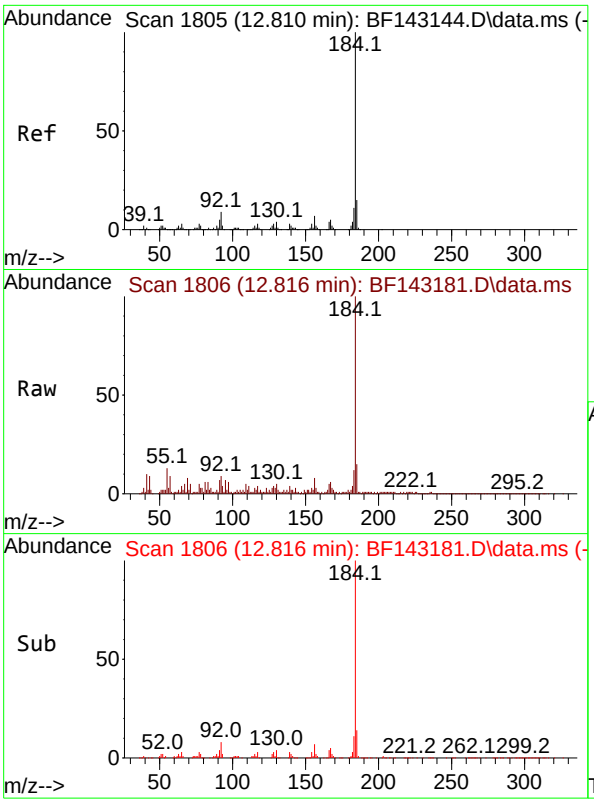


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:240 Resp: 276295

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	25.9	20.2	30.4

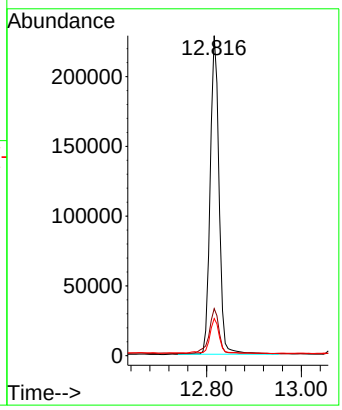




#77
Benzidine
Concen: 27.933 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:184 Resp: 29734

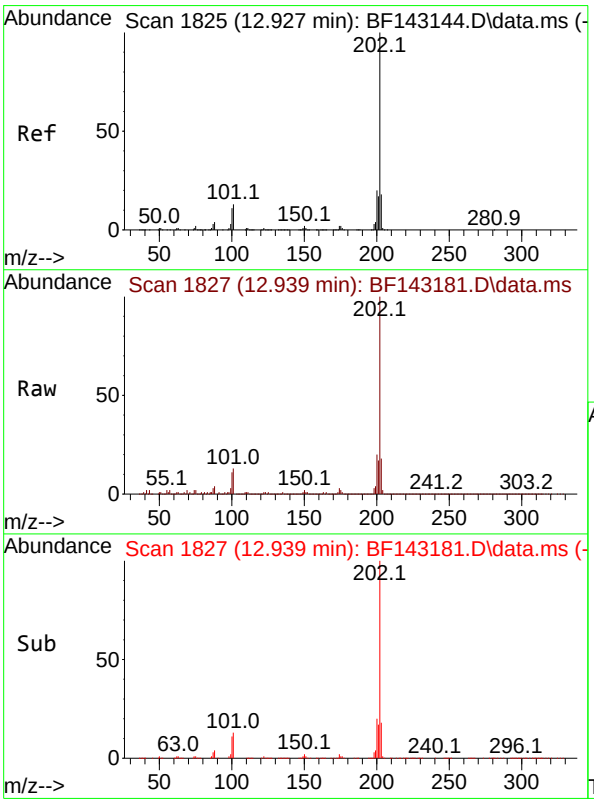
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.4
183	11.6	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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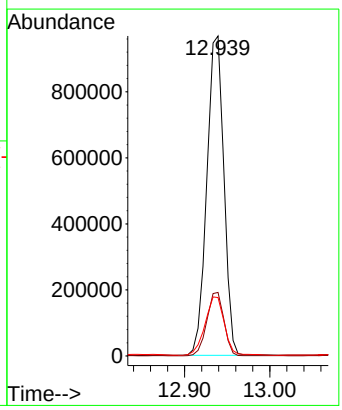
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

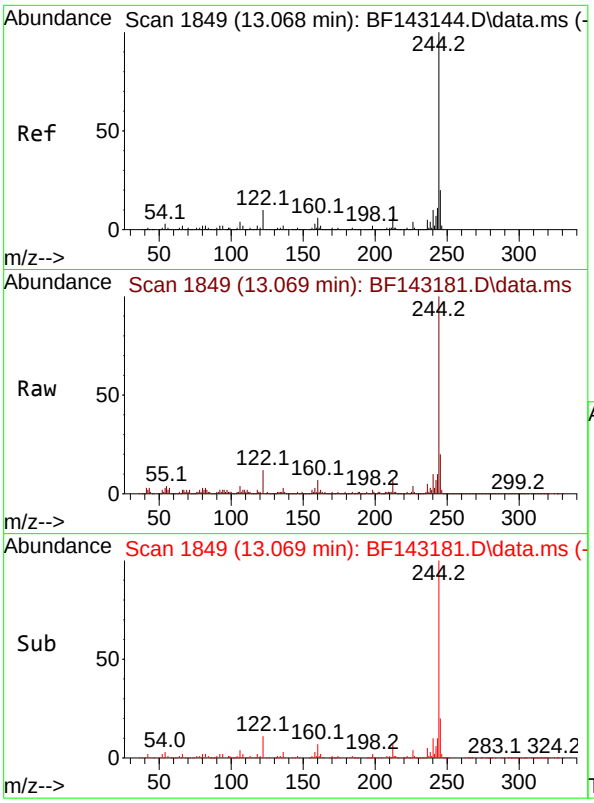


#78
Pyrene
Concen: 57.059 ng
RT: 12.939 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:202 Resp: 1345473

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	18.3	14.2	21.2

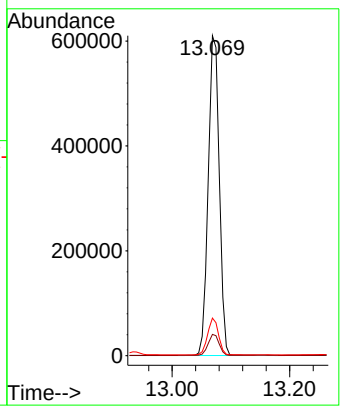




#79
Terphenyl-d14
Concen: 43.099 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:244 Resp: 80020

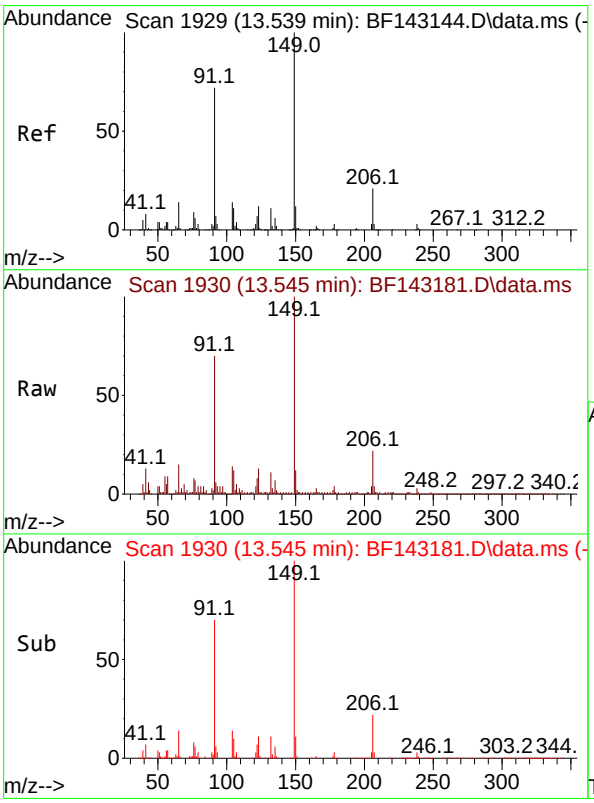
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.8	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

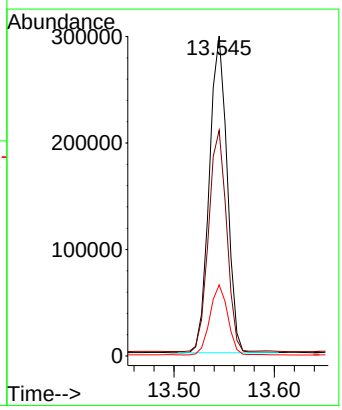
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

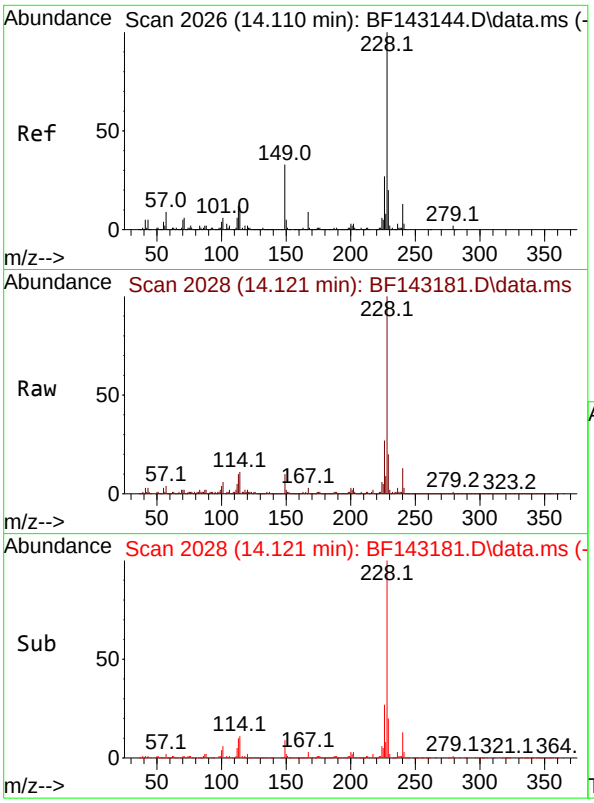


#80
Butylbenzylphthalate
Concen: 50.883 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 367405

Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.9	86.9
206	22.2	17.0	25.4





#81
Benzo(a)anthracene
Concen: 55.890 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

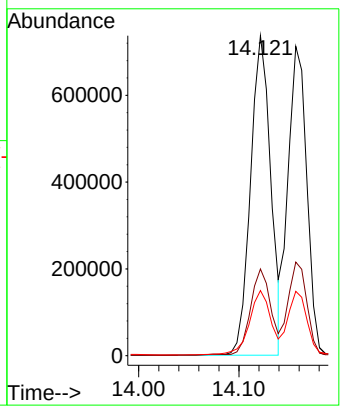
Instrument :
BNA_F
ClientSampleId :
RT2286MSD

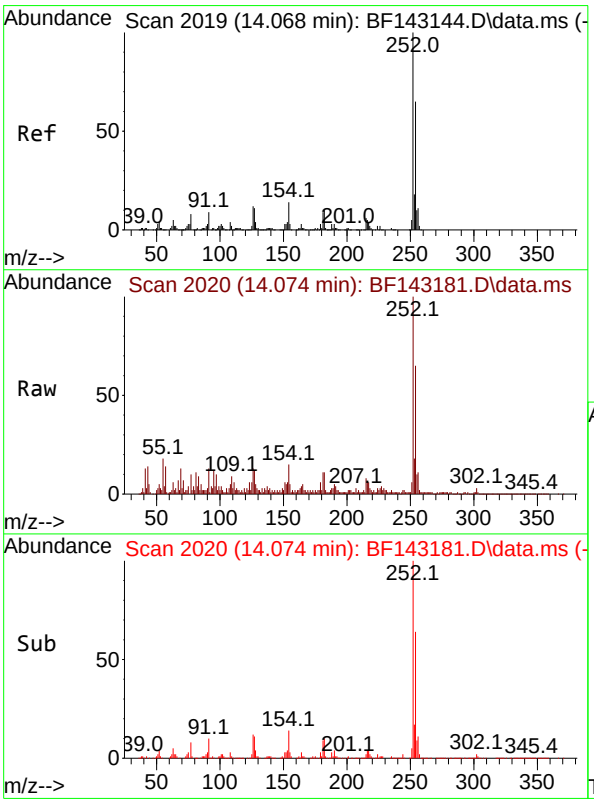
Tgt Ion:228 Resp: 103385

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	20.3	15.8	23.6

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

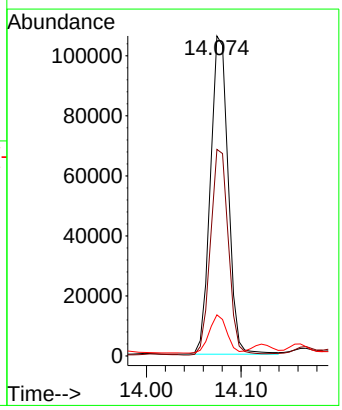


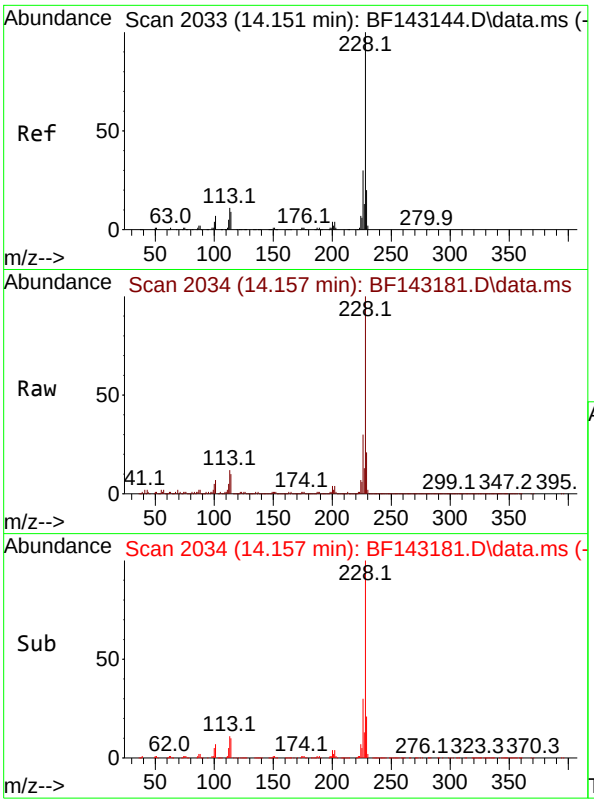


#82
3,3'-Dichlorobenzidine
Concen: 22.415 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 138194

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	12.9	9.4	14.0

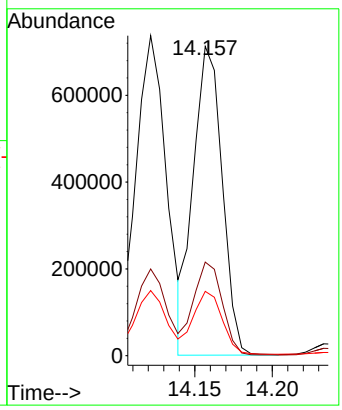




#83
Chrysene
Concen: 55.532 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:228 Resp: 92357

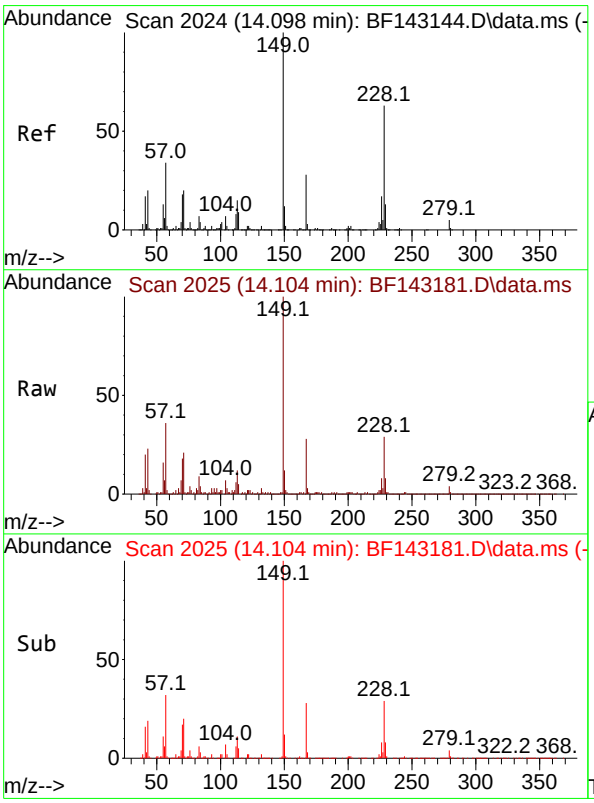
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	20.8	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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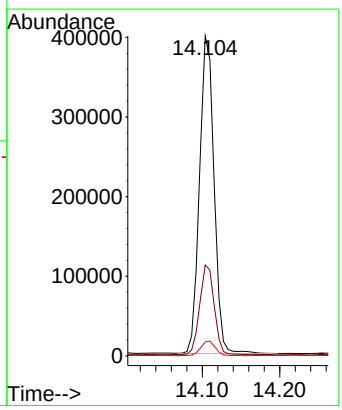
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

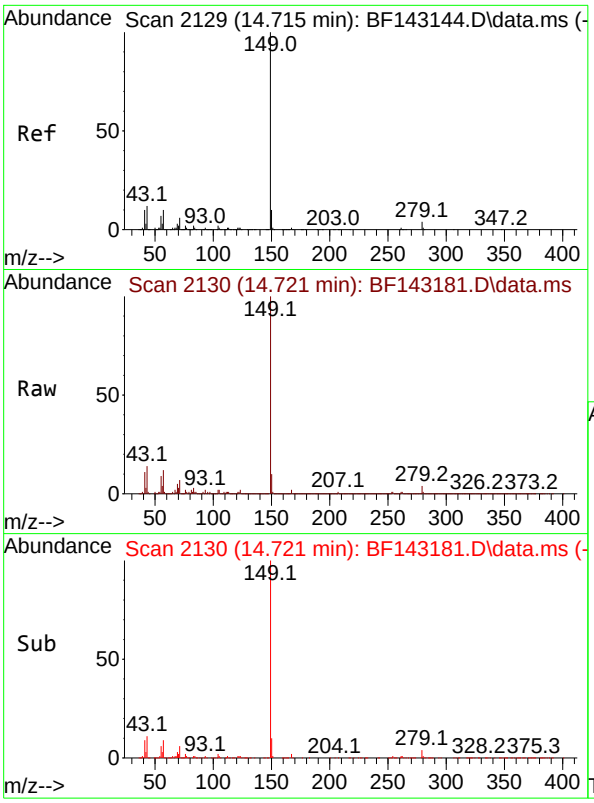


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.538 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 519551

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.3	33.5
279	4.4	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 48.608 ng m
RT: 14.721 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

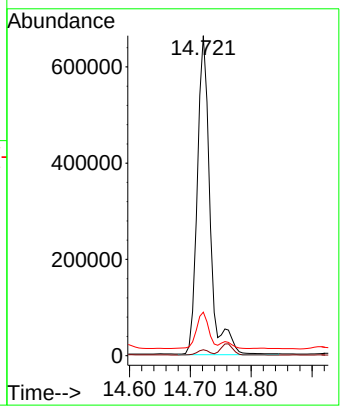
Tgt Ion:149 Resp: 96295

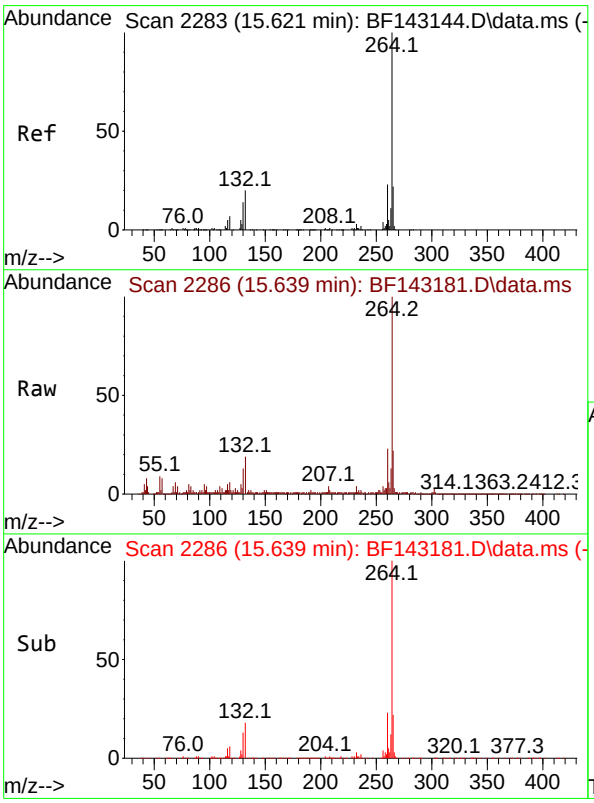
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.1	9.7	14.5

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

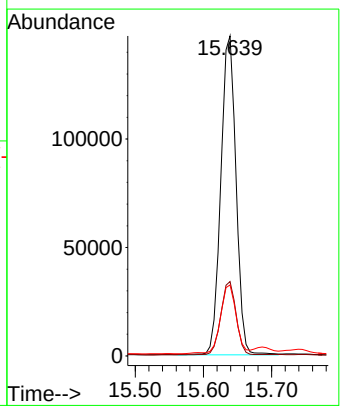


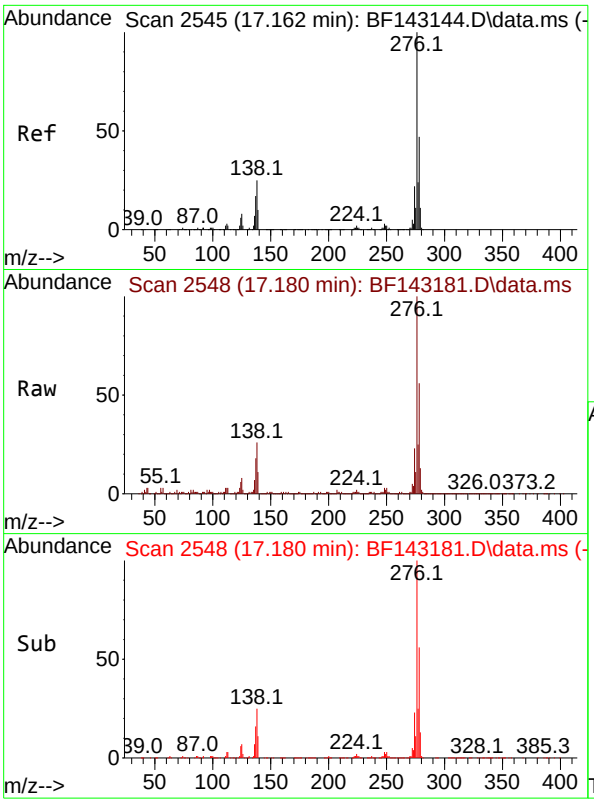


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:264 Resp: 228694

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.2	17.4	26.2

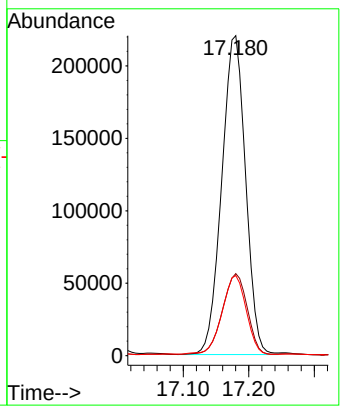




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.423 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:276 Resp: 55510

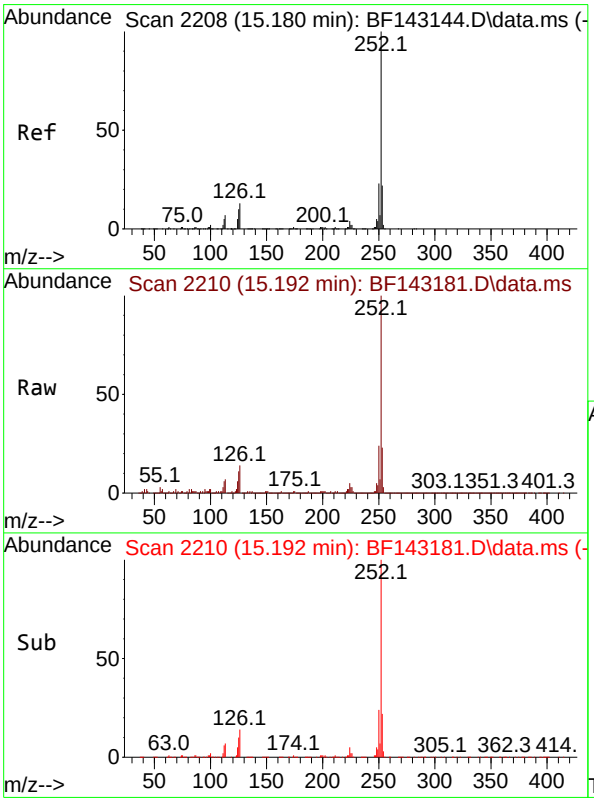
Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	25.1	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

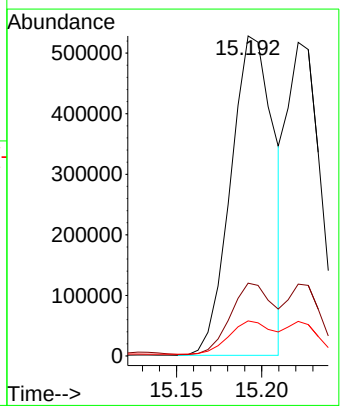
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

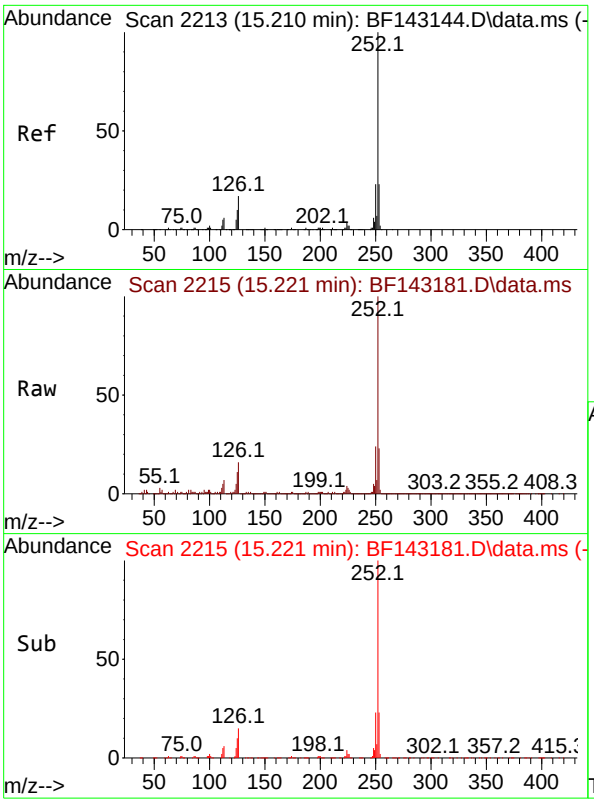


#88
Benzo(b)fluoranthene
Concen: 66.280 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 926002

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.9	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 55.257 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

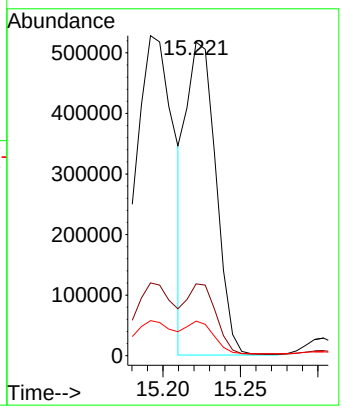
Tgt Ion:252 Resp: 68889

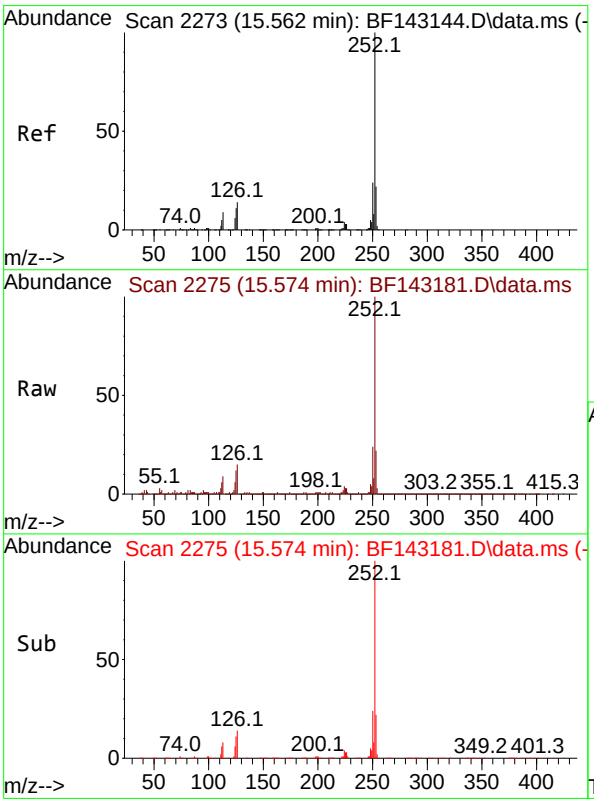
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.0	8.1	12.1

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

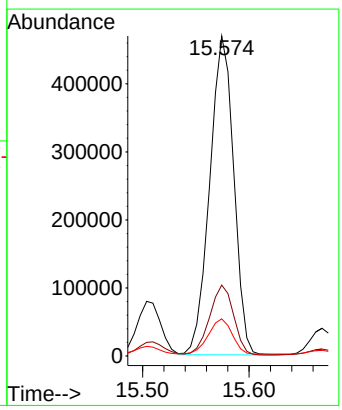


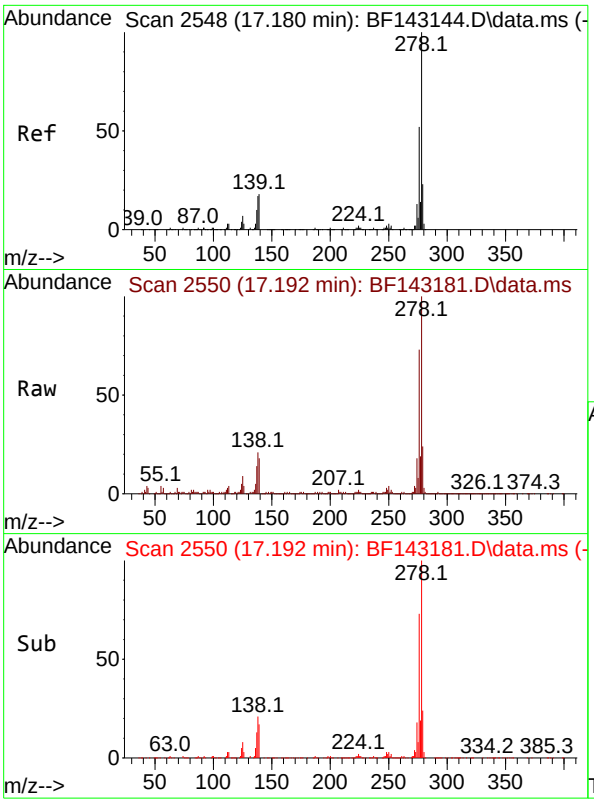


#90
Benzo(a)pyrene
Concen: 57.025 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 734037

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.6	8.6	13.0

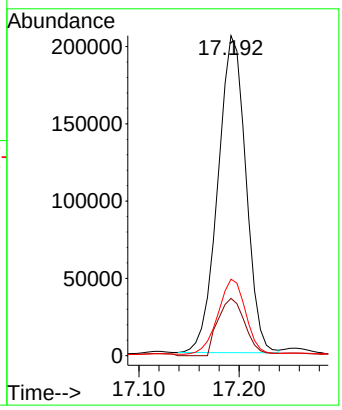




#91
Dibenzo(a,h)anthracene
Concen: 30.296 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:278 Resp: 39765

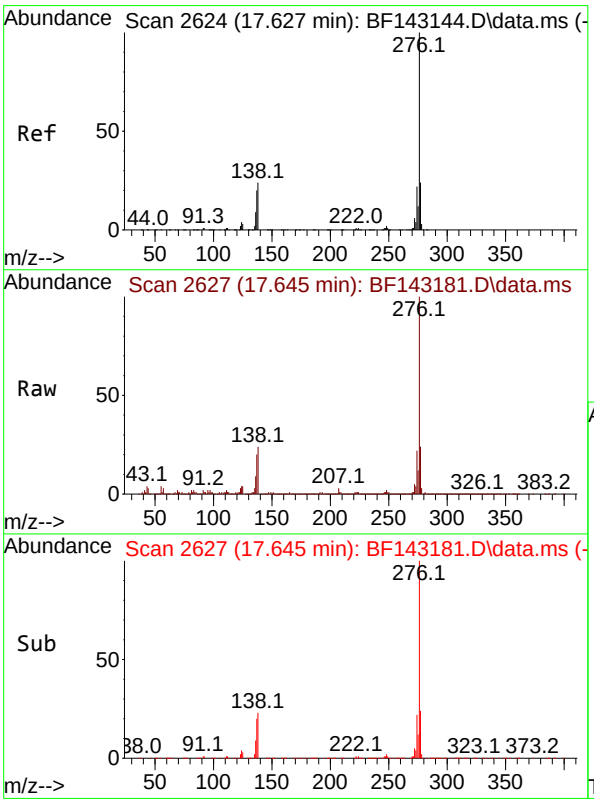
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.1	21.1
279	23.9	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Manual Integrations
APPROVED

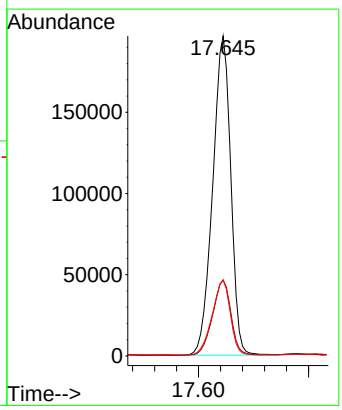
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#92
Benzo(g,h,i)perylene
Concen: 35.394 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:276 Resp: 449394

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	23.8	18.9	28.3



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Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDICC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf072225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2635-01MS	BF143180.D	Di-n-octyl phthalate	Rahul	7/23/2025 8:21:52 AM	Jagrut	7/23/2025 12:30:51 PM	Peak Integrated by Software
Q2635-01MSD	BF143181.D	Di-n-octyl phthalate	Rahul	7/23/2025 8:21:54 AM	Jagrut	7/23/2025 12:31:02 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF072325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168929BS	BF143212.D	Caprolactam	Rahul	7/24/2025 10:38:09 AM	Jagrut	7/24/2025 12:02:14 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP072125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025197.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:45 AM	Jagrut	7/22/2025 9:10:15 AM	Peak Integrated by Software
SSTDICC050	BP025201.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:47 AM	Jagrut	7/22/2025 9:10:18 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Caprolactam	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Chrysene	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICV040	BP025204.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:52 AM	Jagrut	7/22/2025 9:10:23 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP072225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2639-03	BP025209.D	Benzo(a)anthracene	Rahul	7/23/2025 10:35:03 AM	Jagrut	7/23/2025 12:27:01 PM	Peak Integrated by Software
Q2639-05	BP025210.D	Benzo(a)anthracene	Rahul	7/23/2025 10:35:05 AM	Jagrut	7/23/2025 12:27:04 PM	Peak Integrated by Software
Q2639-05	BP025210.D	Benzo(k)fluoranthene	Rahul	7/23/2025 10:35:05 AM	Jagrut	7/23/2025 12:27:04 PM	Peak Integrated by Software
Q2639-07	BP025211.D	Benzo(a)anthracene	Rahul	7/23/2025 10:35:08 AM	Jagrut	7/23/2025 12:27:06 PM	Peak Integrated by Software
Q2639-07	BP025211.D	Benzo(k)fluoranthene	Rahul	7/23/2025 10:35:08 AM	Jagrut	7/23/2025 12:27:06 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP072325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2639-01	BP025222.D	Benzo(a)anthracene	Rahul	7/24/2025 10:42:07 AM	Jagrut	7/24/2025 12:01:04 PM	Peak Integrated by Software
SSTDCCC040	BP025226.D	Indeno(1,2,3-cd)pyrene	Rahul	7/24/2025 10:42:20 AM	Jagrut	7/24/2025 12:01:09 PM	Peak Integrated by Software
SSTDCCC040	BP025228.D	Indeno(1,2,3-cd)pyrene	Rahul	7/24/2025 10:42:29 AM	Jagrut	7/24/2025 12:01:11 PM	Peak Integrated by Software
Q2639-01RE	BP025231.D	Benzo(a)anthracene	Rahul	7/24/2025 10:42:37 AM	Jagrut	7/24/2025 12:01:16 PM	Peak Integrated by Software
Q2639-01RE	BP025231.D	Benzo(k)fluoranthene	Rahul	7/24/2025 10:42:37 AM	Jagrut	7/24/2025 12:01:16 PM	Peak Integrated by Software
Q2639-01RE	BP025231.D	Chrysene	Rahul	7/24/2025 10:42:37 AM	Jagrut	7/24/2025 12:01:16 PM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM				
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM				
SubDirectory	BF071725	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM				
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM				
SubDirectory	BF072225	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143176.D	22 Jul 2025 07:48	RC/JU	Ok
2	SSTDCCC040	BF143177.D	22 Jul 2025 08:46	RC/JU	Ok
3	PB168929BL	BF143178.D	22 Jul 2025 09:15	RC/JU	Ok
4	PB168813BS	BF143179.D	22 Jul 2025 09:44	RC/JU	Ok,M
5	Q2635-01MS	BF143180.D	22 Jul 2025 10:26	RC/JU	Ok,M
6	Q2635-01MSD	BF143181.D	22 Jul 2025 10:55	RC/JU	Ok,M
7	Q2638-01	BF143182.D	22 Jul 2025 11:25	RC/JU	Ok,M
8	Q2638-03	BF143183.D	22 Jul 2025 11:54	RC/JU	Ok,M
9	Q2638-05	BF143184.D	22 Jul 2025 12:23	RC/JU	Ok,M
10	Q2638-07	BF143185.D	22 Jul 2025 12:52	RC/JU	ReRun
11	Q2638-09	BF143186.D	22 Jul 2025 13:21	RC/JU	Ok,M
12	SSTDCCC040	BF143187.D	22 Jul 2025 13:55	RC/JU	Ok
13	DFTPP	BF143188.D	22 Jul 2025 14:54	RC/JU	Ok
14	SSTDCCC040	BF143189.D	22 Jul 2025 15:23	RC/JU	Ok
15	PB168954BL	BF143190.D	22 Jul 2025 15:52	RC/JU	Ok
16	Q2641-02	BF143191.D	22 Jul 2025 16:26	RC/JU	Ok
17	Q2649-04	BF143192.D	22 Jul 2025 16:55	RC/JU	Ok,M
18	Q2649-08	BF143193.D	22 Jul 2025 17:25	RC/JU	Ok
19	Q2649-12	BF143194.D	22 Jul 2025 17:54	RC/JU	Ok
20	Q2649-16	BF143195.D	22 Jul 2025 18:23	RC/JU	Ok
21	Q2649-20	BF143196.D	22 Jul 2025 18:53	RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2649-24	BF143197.D	22 Jul 2025 19:22	RC/JU	Ok
23	Q2646-03	BF143198.D	22 Jul 2025 19:51	RC/JU	Ok
24	Q2646-03MS	BF143199.D	22 Jul 2025 20:20	RC/JU	Ok,M
25	Q2646-03MSD	BF143200.D	22 Jul 2025 20:49	RC/JU	Ok,M
26	Q2649-21	BF143201.D	22 Jul 2025 21:18	RC/JU	Ok
27	Q2649-13	BF143202.D	22 Jul 2025 21:48	RC/JU	Ok
28	Q2658-02	BF143203.D	22 Jul 2025 22:17	RC/JU	Ok
29	Q2658-01	BF143204.D	22 Jul 2025 22:46	RC/JU	Ok,M
30	Q2660-01	BF143205.D	22 Jul 2025 23:15	RC/JU	Ok
31	Q2649-17	BF143206.D	22 Jul 2025 23:43	RC/JU	Ok,M
32	Q2649-01	BF143207.D	23 Jul 2025 00:12	RC/JU	Ok,M
33	Q2660-03	BF143208.D	23 Jul 2025 00:41	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM				
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM				
SubDirectory	BF072325	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143209.D	23 Jul 2025 13:34	RC/JU	Ok
2	SSTDCCC040	BF143210.D	23 Jul 2025 14:33	RC/JU	Ok
3	PB168926TB	BF143211.D	23 Jul 2025 15:02	RC/JU	Ok
4	PB168929BS	BF143212.D	23 Jul 2025 15:31	RC/JU	Ok,M
5	PB168954BS	BF143213.D	23 Jul 2025 16:00	RC/JU	Ok,M
6	PB168948BL	BF143214.D	23 Jul 2025 16:30	RC/JU	Ok
7	PB168948BS	BF143215.D	23 Jul 2025 16:59	RC/JU	Ok,M
8	Q2645-02	BF143216.D	23 Jul 2025 17:28	RC/JU	Ok
9	Q2649-05	BF143217.D	23 Jul 2025 17:57	RC/JU	Ok
10	Q2649-09	BF143218.D	23 Jul 2025 18:26	RC/JU	Ok
11	Q2649-09MS	BF143219.D	23 Jul 2025 18:56	RC/JU	Ok,M
12	Q2649-09MSD	BF143220.D	23 Jul 2025 19:25	RC/JU	Ok,M
13	SSTDCCC040	BF143221.D	23 Jul 2025 19:54	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072125

Review By	Rahul	Review On	7/22/2025 8:59:18 AM		
Supervise By	Jagrut	Supervise On	7/22/2025 9:10:39 AM		
SubDirectory	BP072125	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025194.D	21 Jul 2025 13:02	CG/JU	Ok
2	SSTDCCC040	BP025195.D	21 Jul 2025 13:44	CG/JU	Not Ok
3	SSTDICC2.5	BP025196.D	21 Jul 2025 14:25	CG/JU	Ok
4	SSTDICC005	BP025197.D	21 Jul 2025 15:06	CG/JU	Ok,M
5	SSTDICC010	BP025198.D	21 Jul 2025 15:47	CG/JU	Ok
6	SSTDICC020	BP025199.D	21 Jul 2025 16:29	CG/JU	Ok
7	SSTDICCC040	BP025200.D	21 Jul 2025 17:10	CG/JU	Ok
8	SSTDICC050	BP025201.D	21 Jul 2025 17:51	CG/JU	Ok,M
9	SSTDICC060	BP025202.D	21 Jul 2025 18:32	CG/JU	Ok
10	SSTDICC080	BP025203.D	21 Jul 2025 19:14	CG/JU	Ok,M
11	SSTDICV040	BP025204.D	21 Jul 2025 19:55	CG/JU	Ok,M
12	PB168854BL	BP025205.D	21 Jul 2025 21:58	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072225

Review By	Rahul	Review On	7/23/2025 10:35:56 AM				
Supervise By	Jagrut	Supervise On	7/23/2025 12:27:41 PM				
SubDirectory	BP072225	HP Acquire Method	BNA_P		HP Processing Method	bp072125	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025206.D	22 Jul 2025 09:04	CG/JU	Ok
2	SSTDCCC040	BP025207.D	22 Jul 2025 09:45	CG/JU	Ok
3	PB168929BL	BP025208.D	22 Jul 2025 10:26	CG/JU	Ok
4	Q2639-03	BP025209.D	22 Jul 2025 11:10	CG/JU	Ok,M
5	Q2639-05	BP025210.D	22 Jul 2025 11:51	CG/JU	Ok,M
6	Q2639-07	BP025211.D	22 Jul 2025 12:32	CG/JU	Ok,M
7	Q2639-09	BP025212.D	22 Jul 2025 13:14	CG/JU	Ok
8	Q2639-11	BP025213.D	22 Jul 2025 13:55	CG/JU	Ok
9	Q2639-13	BP025214.D	22 Jul 2025 14:36	CG/JU	ReRun
10	Q2638-07RE	BP025215.D	22 Jul 2025 15:17	CG/JU	Not Ok
11	Q2638-11RE	BP025216.D	22 Jul 2025 15:59	CG/JU	Not Ok
12	SSTDCCC040	BP025217.D	22 Jul 2025 16:47	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072325

Review By	Rahul	Review On	7/23/2025 2:45:09 PM				
Supervise By	Jagrut	Supervise On	7/24/2025 12:01:29 PM				
SubDirectory	BP072325	HP Acquire Method	BNA_P		HP Processing Method	bp072125	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025218.D	23 Jul 2025 10:41	CG/JU	Ok
2	SSTDCCC040	BP025219.D	23 Jul 2025 11:22	CG/JU	Ok
3	PB168919TB	BP025220.D	23 Jul 2025 12:03	CG/JU	Ok
4	Q2638-13	BP025221.D	23 Jul 2025 12:47	CG/JU	ReRun
5	Q2639-01	BP025222.D	23 Jul 2025 13:28	CG/JU	ReRun
6	Q2639-13	BP025223.D	23 Jul 2025 14:09	CG/JU	Ok
7	Q2638-07RE	BP025224.D	23 Jul 2025 14:51	CG/JU	Confirms
8	Q2638-11	BP025225.D	23 Jul 2025 15:32	CG/JU	ReRun
9	SSTDCCC040	BP025226.D	23 Jul 2025 16:13	CG/JU	Ok,M
10	DFTPP	BP025227.D	23 Jul 2025 16:54	CG/JU	Ok
11	SSTDCCC040	BP025228.D	23 Jul 2025 18:16	CG/JU	Ok,M
12	PB168919TB	BP025229.D	23 Jul 2025 18:58	CG/JU	Not Ok
13	Q2638-13RE	BP025230.D	23 Jul 2025 19:39	CG/JU	Confirms
14	Q2639-01RE	BP025231.D	23 Jul 2025 20:20	CG/JU	Confirms
15	Q2638-11RE	BP025232.D	23 Jul 2025 21:01	CG/JU	Confirms
16	SSTDCCC040	BP025233.D	23 Jul 2025 21:42	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/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	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/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	BF143176.D	22 Jul 2025 07:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143177.D	22 Jul 2025 08:46		RC/JU	Ok
3	PB168929BL	PB168929BL	BF143178.D	22 Jul 2025 09:15		RC/JU	Ok
4	PB168813BS	PB168813BS	BF143179.D	22 Jul 2025 09:44		RC/JU	Ok,M
5	Q2635-01MS	RT2286MS	BF143180.D	22 Jul 2025 10:26		RC/JU	Ok,M
6	Q2635-01MSD	RT2286MSD	BF143181.D	22 Jul 2025 10:55		RC/JU	Ok,M
7	Q2638-01	OU4-TS-31-071725	BF143182.D	22 Jul 2025 11:25		RC/JU	Ok,M
8	Q2638-03	OU4-TS-32-071725	BF143183.D	22 Jul 2025 11:54		RC/JU	Ok,M
9	Q2638-05	OU4-TS-33-071725	BF143184.D	22 Jul 2025 12:23		RC/JU	Ok,M
10	Q2638-07	OU4-TS-34-071725	BF143185.D	22 Jul 2025 12:52	Surrogate Fail	RC/JU	ReRun
11	Q2638-09	OU4-TS-35-071725	BF143186.D	22 Jul 2025 13:21		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF143187.D	22 Jul 2025 13:55		RC/JU	Ok
13	DFTPP	DFTPP	BF143188.D	22 Jul 2025 14:54		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF143189.D	22 Jul 2025 15:23		RC/JU	Ok
15	PB168954BL	PB168954BL	BF143190.D	22 Jul 2025 15:52		RC/JU	Ok
16	Q2641-02	P001-CONCRETE001-	BF143191.D	22 Jul 2025 16:26		RC/JU	Ok
17	Q2649-04	WC-1	BF143192.D	22 Jul 2025 16:55		RC/JU	Ok,M
18	Q2649-08	WC-2	BF143193.D	22 Jul 2025 17:25		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

Review By	Rahul	Review On	7/23/2025 8:23:11 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 1:06:52 PM		
SubDirectory	BF072225	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2649-12	WC-3	BF143194.D	22 Jul 2025 17:54		RC/JU	Ok
20	Q2649-16	WC-4	BF143195.D	22 Jul 2025 18:23		RC/JU	Ok
21	Q2649-20	WC-5	BF143196.D	22 Jul 2025 18:53		RC/JU	Ok
22	Q2649-24	WC-6	BF143197.D	22 Jul 2025 19:22		RC/JU	Ok
23	Q2646-03	FRAC TANK	BF143198.D	22 Jul 2025 19:51	Internal standard fail.	RC/JU	Ok
24	Q2646-03MS	FRAC TANKMS	BF143199.D	22 Jul 2025 20:20		RC/JU	Ok,M
25	Q2646-03MSD	FRAC TANKMSD	BF143200.D	22 Jul 2025 20:49		RC/JU	Ok,M
26	Q2649-21	WC-6	BF143201.D	22 Jul 2025 21:18		RC/JU	Ok
27	Q2649-13	WC-4	BF143202.D	22 Jul 2025 21:48		RC/JU	Ok
28	Q2658-02	PAD-072125-2	BF143203.D	22 Jul 2025 22:17		RC/JU	Ok
29	Q2658-01	PAD-072125-1	BF143204.D	22 Jul 2025 22:46	Internal standard fail.	RC/JU	Ok,M
30	Q2660-01	MOO-25-0205	BF143205.D	22 Jul 2025 23:15	Internal standard fail.	RC/JU	Ok
31	Q2649-17	WC-5	BF143206.D	22 Jul 2025 23:43		RC/JU	Ok,M
32	Q2649-01	WC-1	BF143207.D	23 Jul 2025 00:12		RC/JU	Ok,M
33	Q2660-03	MOO-25-0218	BF143208.D	23 Jul 2025 00:41	Internal standard fail	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM		
SubDirectory	BF072325	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/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	BF143209.D	23 Jul 2025 13:34		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143210.D	23 Jul 2025 14:33		RC/JU	Ok
3	PB168926TB	PB168926TB	BF143211.D	23 Jul 2025 15:02		RC/JU	Ok
4	PB168929BS	PB168929BS	BF143212.D	23 Jul 2025 15:31		RC/JU	Ok,M
5	PB168954BS	PB168954BS	BF143213.D	23 Jul 2025 16:00		RC/JU	Ok,M
6	PB168948BL	PB168948BL	BF143214.D	23 Jul 2025 16:30		RC/JU	Ok
7	PB168948BS	PB168948BS	BF143215.D	23 Jul 2025 16:59		RC/JU	Ok,M
8	Q2645-02	RW5B-CARBON-2025(	BF143216.D	23 Jul 2025 17:28	Surrogate Fail	RC/JU	Ok
9	Q2649-05	WC-2	BF143217.D	23 Jul 2025 17:57		RC/JU	Ok
10	Q2649-09	WC-3	BF143218.D	23 Jul 2025 18:26		RC/JU	Ok
11	Q2649-09MS	WC-3MS	BF143219.D	23 Jul 2025 18:56		RC/JU	Ok,M
12	Q2649-09MSD	WC-3MSD	BF143220.D	23 Jul 2025 19:25		RC/JU	Ok,M
13	SSTDCCC040	SSTDCCC040EC	BF143221.D	23 Jul 2025 19:54		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072125

Review By	Rahul	Review On	7/22/2025 8:59:18 AM		
Supervise By	Jagrut	Supervise On	7/22/2025 9:10:39 AM		
SubDirectory	BP072125	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/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	BP025194.D	21 Jul 2025 13:02		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025195.D	21 Jul 2025 13:44	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025196.D	21 Jul 2025 14:25		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025197.D	21 Jul 2025 15:06		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025198.D	21 Jul 2025 15:47		CG/JU	Ok
6	SSTDICC020	SSTDICC020	BP025199.D	21 Jul 2025 16:29		CG/JU	Ok
7	SSTDICCC040	SSTDICCC040	BP025200.D	21 Jul 2025 17:10		CG/JU	Ok
8	SSTDICC050	SSTDICC050	BP025201.D	21 Jul 2025 17:51		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025202.D	21 Jul 2025 18:32		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025203.D	21 Jul 2025 19:14	Compound#79 removed from 80 PPM.	CG/JU	Ok,M
11	SSTDICV040	ICVBP072125	BP025204.D	21 Jul 2025 19:55		CG/JU	Ok,M
12	PB168854BL	PB168854BL	BP025205.D	21 Jul 2025 21:58		CG/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072225

Review By	Rahul	Review On	7/23/2025 10:35:56 AM		
Supervise By	Jagrut	Supervise On	7/23/2025 12:27:41 PM		
SubDirectory	BP072225	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/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	BP025206.D	22 Jul 2025 09:04		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025207.D	22 Jul 2025 09:45		CG/JU	Ok
3	PB168929BL	PB168929BL	BP025208.D	22 Jul 2025 10:26	Use for DOD Projects only	CG/JU	Ok
4	Q2639-03	OU4-TS-39-071725	BP025209.D	22 Jul 2025 11:10		CG/JU	Ok,M
5	Q2639-05	OU4-TS-40-071725	BP025210.D	22 Jul 2025 11:51		CG/JU	Ok,M
6	Q2639-07	OU4-TS-41-071725	BP025211.D	22 Jul 2025 12:32		CG/JU	Ok,M
7	Q2639-09	OU4-TS-42-071725	BP025212.D	22 Jul 2025 13:14		CG/JU	Ok
8	Q2639-11	OU4-TS-43-071725	BP025213.D	22 Jul 2025 13:55		CG/JU	Ok
9	Q2639-13	OU4-TS-44-071725	BP025214.D	22 Jul 2025 14:36	Surrogate Fail	CG/JU	ReRun
10	Q2638-07RE	OU4-TS-34-071725RE	BP025215.D	22 Jul 2025 15:17	surrogate & Internal Standard Fail	CG/JU	Not Ok
11	Q2638-11RE	OU4-TS-36-071725RE	BP025216.D	22 Jul 2025 15:59	Surrogate and Internal standard fail	CG/JU	Not Ok
12	SSTDCCC040	SSTDCCC040EC	BP025217.D	22 Jul 2025 16:47		CG/JU	Ok

M : Manual Integration

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 # BP072325

Review By	Rahul	Review On	7/23/2025 2:45:09 PM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:01:29 PM		
SubDirectory	BP072325	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/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	BP025218.D	23 Jul 2025 10:41		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025219.D	23 Jul 2025 11:22		CG/JU	Ok
3	PB168919TB	PB168919TB	BP025220.D	23 Jul 2025 12:03		CG/JU	Ok
4	Q2638-13	OU4-TS-37-071725	BP025221.D	23 Jul 2025 12:47	Surrogate Fail	CG/JU	ReRun
5	Q2639-01	OU4-TS-38-071725	BP025222.D	23 Jul 2025 13:28	Surrogate fail	CG/JU	ReRun
6	Q2639-13	OU4-TS-44-071725	BP025223.D	23 Jul 2025 14:09		CG/JU	Ok
7	Q2638-07RE	OU4-TS-34-071725RE	BP025224.D	23 Jul 2025 14:51	Surrogate Fail	CG/JU	Confirms
8	Q2638-11	OU4-TS-36-071725	BP025225.D	23 Jul 2025 15:32	Surrogate Fail	CG/JU	ReRun
9	SSTDCCC040	SSTDCCC040EC	BP025226.D	23 Jul 2025 16:13		CG/JU	Ok,M
10	DFTPP	DFTPP	BP025227.D	23 Jul 2025 16:54		CG/JU	Ok
11	SSTDCCC040	SSTDCCC040	BP025228.D	23 Jul 2025 18:16		CG/JU	Ok,M
12	PB168919TB	PB168919TB	BP025229.D	23 Jul 2025 18:58	Analyzed for contamination check	CG/JU	Not Ok
13	Q2638-13RE	OU4-TS-37-071725RE	BP025230.D	23 Jul 2025 19:39	Surrogate fail	CG/JU	Confirms
14	Q2639-01RE	OU4-TS-38-071725RE	BP025231.D	23 Jul 2025 20:20	Surrogate fail	CG/JU	Confirms
15	Q2638-11RE	OU4-TS-36-071725RE	BP025232.D	23 Jul 2025 21:01	Surrogate fail	CG/JU	Confirms
16	SSTDCCC040	SSTDCCC040EC	BP025233.D	23 Jul 2025 21:42		CG/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136542

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
Q2637-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2637-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2637-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2637-10	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2637-11	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2637-12	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2638-01	OU4-TS-31-071725	7	1.15	10.44	11.59	8.29	68.4	
Q2638-03	OU4-TS-32-071725	8	1.14	10.41	11.55	7.92	65.1	
Q2638-05	OU4-TS-33-071725	9	1.12	10.69	11.81	8.04	64.7	
Q2638-07	OU4-TS-34-071725	10	1.18	10.81	11.99	8.58	68.5	
Q2638-09	OU4-TS-35-071725	11	1.18	10.24	11.42	9.62	82.4	
Q2638-11	OU4-TS-36-071725	12	1.16	10.22	11.38	9.53	81.9	
Q2638-13	OU4-TS-37-071725	13	1.14	10.27	11.41	9.48	81.2	
Q2639-01	OU4-TS-38-071725	14	1.16	10.58	11.74	9.69	80.6	
Q2639-03	OU4-TS-39-071725	15	1.12	10.64	11.76	9.74	81.0	
Q2639-05	OU4-TS-40-071725	16	1.16	10.23	11.39	9.42	80.7	
Q2639-07	OU4-TS-41-071725	17	1.18	10.20	11.38	9.54	82.0	
Q2639-09	OU4-TS-42-071725	18	1.19	10.34	11.53	7.42	60.3	
Q2639-11	OU4-TS-43-071725	19	1.19	10.67	11.86	7.38	58.0	
Q2639-13	OU4-TS-44-071725	20	1.12	10.87	11.99	8.18	64.9	
Q2641-01	P001-CONCRETE001-01	21	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2645-02	RW5B-CARBON-20250716	22	1.17	10.52	11.69	8.39	68.6	
Q2648-01	A3	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-02	A4	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-03	B2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-04	B3	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-05	B4	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2651-01	MH 2-1	28	1.18	10.67	11.85	11.26	94.5	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136542

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
Q2651-02	MH 6-5	29	1.15	10.40	11.55	10.9	93.8	
Q2651-03	MH 7-6	30	1.12	10.20	11.32	10.7	93.9	
Q2651-04	MH 8-7	31	1.13	10.44	11.57	11.01	94.6	
Q2651-05	MH 9-8	32	1.13	10.27	11.4	10.67	92.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WR 136542

WorkList Name : %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2637-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2638-01	OU4-TS-31-071725	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2638-03	OU4-TS-32-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-05	OU4-TS-33-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-07	OU4-TS-34-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-09	OU4-TS-35-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-11	OU4-TS-36-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-13	OU4-TS-37-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2639-01	OU4-TS-38-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2639-03	OU4-TS-39-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-05	OU4-TS-40-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-07	OU4-TS-41-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-09	OU4-TS-42-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-11	OU4-TS-43-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-13	OU4-TS-44-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2641-01	P001-CONCRETE001-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	O22	07/16/2025	Chemtech -SO

Date/Time 07/18/25 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 07/18/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB 136542

WorkList Name : %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2645-02	RW5B-CARBON-20250716	Solid	Percent Solids	Cool 4 deg C	TETR06	O41	07/16/2025	Chemtech -SO
Q2648-01	A3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-02	A4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-03	B2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-04	B3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-05	B4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2651-01	MH 2-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-02	MH 6-5	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-03	MH 7-6	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-04	MH 8-7	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-05	MH 9-8	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO

Date/Time 07/18/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 07/18/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168929

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/21/2025
Matrix :	Solid			**Extraction Start Time :**	09:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/21/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:45
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	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
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	EP2626
Baked Na2SO4	N/A	EP2625
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
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 Vail 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
7/21/25	RS (Ext-lab)	Rc/SVOC
12:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168929

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 07/21/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168929BL	SBLK929	SVOCMS Group3	30.02	N/A	ritesh	Evelyn	1			U2-1
PB168929BS	SLCS929	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1			2
Q2635-01	RT2286	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		3
Q2635-01MS	RT2286MS	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		4
Q2635-01MSD	RT2286MSD	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5
Q2638-01	OU4-TS-31-071725	SVOCMS Group3	30.05	N/A	ritesh	Evelyn	1	D		6
Q2638-03	OU4-TS-32-071725	SVOCMS Group3	30.01	N/A	ritesh	Evelyn	1	D		U3-1
Q2638-05	OU4-TS-33-071725	SVOCMS Group3	30.02	N/A	ritesh	Evelyn	1	D		2
Q2638-07	OU4-TS-34-071725	SVOCMS Group3	30.06	N/A	ritesh	Evelyn	1	D		3
Q2638-09	OU4-TS-35-071725	SVOCMS Group3	30.05	N/A	ritesh	Evelyn	1	D		4
Q2638-11	OU4-TS-36-071725	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	D		5
Q2638-13	OU4-TS-37-071725	SVOCMS Group3	30.08	N/A	ritesh	Evelyn	1	D		6
Q2639-01	OU4-TS-38-071725	SVOCMS Group3	30.02	N/A	ritesh	Evelyn	1	D		U6-1
Q2639-03	OU4-TS-39-071725	SVOCMS Group3	30.05	N/A	ritesh	Evelyn	1	D		2
Q2639-05	OU4-TS-40-071725	SVOCMS Group3	30.04	N/A	ritesh	Evelyn	1	D		3
Q2639-07	OU4-TS-41-071725	SVOCMS Group3	30.01	N/A	ritesh	Evelyn	1	D		4
Q2639-09	OU4-TS-42-071725	SVOCMS Group3	30.06	N/A	ritesh	Evelyn	1	D		5
Q2639-11	OU4-TS-43-071725	SVOCMS Group3	30.07	N/A	ritesh	Evelyn	1	D		6
Q2639-13	OU4-TS-44-071725	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	D		U1-1
Q2651-01	MH 2-1	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	B		2
Q2651-02	MH 6-5	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	B		3
Q2651-03	MH 7-6	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	B		4
Q2651-04	MH 8-7	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	B		5
Q2651-05	MH 9-8	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	B		6

7/21

* **Extracts relinquished on the same date as received.**

168929 9:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2651 **WorkList ID :** 190840 **Department :** Extraction **Date :** 07-21-2025 08:46:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2635-01	RT2286	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	07/17/2025	8270E
Q2638-01	OU4-TS-31-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O21	07/17/2025	8270E
Q2638-03	OU4-TS-32-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O21	07/17/2025	8270E
Q2638-05	OU4-TS-33-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O21	07/17/2025	8270E
Q2638-07	OU4-TS-34-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O21	07/17/2025	8270E
Q2638-09	OU4-TS-35-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O21	07/17/2025	8270E
Q2638-11	OU4-TS-36-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O21	07/17/2025	8270E
Q2638-13	OU4-TS-37-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O21	07/17/2025	8270E
Q2639-01	OU4-TS-38-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O13	07/17/2025	8270E
Q2639-03	OU4-TS-39-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O13	07/17/2025	8270E
Q2639-05	OU4-TS-40-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O13	07/17/2025	8270E
Q2639-07	OU4-TS-41-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O13	07/17/2025	8270E
Q2639-09	OU4-TS-42-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O13	07/17/2025	8270E
Q2639-11	OU4-TS-43-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O13	07/17/2025	8270E
Q2639-13	OU4-TS-44-071725	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O13	07/17/2025	8270E
Q2651-01	MH 2-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03	O22	07/17/2025	8270E
Q2651-02	MH 6-5	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03	O22	07/17/2025	8270E
Q2651-03	MH 7-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03	O22	07/17/2025	8270E
Q2651-04	MH 8-7	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03	O22	07/17/2025	8270E
Q2651-05	MH 9-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03	O22	07/17/2025	8270E

Date/Time 07/21/25 9:25
Raw Sample Received by: RJ (EFT-Cell)
Raw Sample Relinquished by:

Date/Time 07/21/25 9:55
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EFT-Cell)

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Prep Standard - Chemical Standard Summary

Order ID : Q2639

Test : SVOCMS Group3

Prepbatch ID : PB168929,

Sequence ID/Qc Batch ID: BF072225,BF072325,BP072225,BP072325,

Standard ID :
EP2625,EP2626,SP6757,SP6769,SP6770,SP6832,SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840,SP6849,SP6852,

Chemical ID :
10ul/1000ul sample,E3551,E3904,E3926,E3932,E3942,E3946,E3949,E3951,E3954,S10105,S11484,S11496,S11651,S11788,S11801,S11802,S11805,S11806,S11807,S12115,S12195,S12196,S12197,S12198,S12216,S12217,S12218,S12219,S12220,S12272,S12277,S12278,S12486,S12499,S12500,S12501,S12502,S12503,S12504,S12505,S12506,S12507,S12534,S12545,S12546,S12547,S12548,S12549,S12550,S12551,S12552,S12577,S12658,S12670,S12974,S12987,S12988,S12989,S12990,S12991,S12992,S13057,S13078,S13088,S13089,S13148,S13158,S13159,S13168,S13206,S13208,S13209,S13210,S13211,

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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	EP2625	07/15/2025	12/04/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 07/15/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2626	07/15/2025	01/15/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 07/15/2025

FROM 8000.00000ml of E3949 + 8000.00000ml of E3954 = Final Quantity: 16000.000 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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4178	8270/625.1 Stock Solution-2 100 ng	SP6832	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.20000ml of S13211 + 0.26700ml of S10105 + 0.40000ml of S11496 + 0.40000ml of S12278 + 0.50000ml of S12115 + 0.50000ml of S13209 + 0.50000ml of S13210 + 0.60000ml of S12277 + 1.00000ml of S12272 + 1.00000ml of S13057 + 1.00000ml of S13078 + 1.00000ml of S13208 + 2.63300ml of E3942 = 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
4179	80 ng BNA ICC	SP6833	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.20000ml of E3942 + 0.80000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4180	60 ng BNA ICC	SP6834	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.40000ml of E3942 + 0.60000ml of SP6832 = 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
4181	50 ng BNA ICC	SP6835	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4182	40 ng BNA ICC	SP6836	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.60000ml of E3942 + 0.40000ml of SP6832 = 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
4183	20 ng BNA ICC	SP6837	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.80000ml of E3942 + 0.20000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4184	10 ng BNA ICC	SP6838	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.90000ml of E3942 + 0.10000ml of SP6832 = 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
4185	5 ng BNA ICC	SP6839	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.95000ml of E3942 + 0.05000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4186	2.5 ng BNA ICC	SP6840	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6839 = 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	SP6849	07/01/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 07/01/2025

FROM 0.10000ml of S12507 + 0.10000ml of S13159 + 0.30000ml of S13158 + 0.40000ml of S11484 + 0.40000ml of S11651 + 0.40000ml of S11806 + 0.40000ml of S11807 + 0.40000ml of S13148 + 0.40000ml of S13206 + 0.60000ml of S13089 + 0.80000ml of S12499 + 0.90000ml of S12552 + 1.20000ml of S12504 + 1.20000ml of S12506 + 1.20000ml of S12546 + 1.30000ml of S11802 + 1.30000ml of S12501 + 1.30000ml of S12503 + 1.30000ml of S12505 + 1.30000ml of S12545 + 1.30000ml of S12547 + 1.30000ml of S12549 + 1.30000ml of S12550 + 1.30000ml of S12551 + 1.30000ml of S12988 + 1.30000ml of S12989 + 1.30000ml of S12990 + 1.30000ml of S12992 + 1.40000ml of S11805 + 1.40000ml of S12500 + 1.40000ml of S12502 + 1.40000ml of S12548 + 1.40000ml of S12987 + 1.40000ml of S12991 + 1.40000ml of S13088 + 1.50000ml of S11801 + 163.00000ml of E3932 = 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	SP6852	07/02/2025	09/18/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/02/2025

FROM 1.50000ml of S12220 + 2.00000ml of S12195 + 2.00000ml of S12197 + 2.00000ml of S12216 + 5.50000ml of S12196 + 5.50000ml of S12198 + 5.50000ml of S12217 + 5.50000ml of S12218 + 5.50000ml of S12219 + 965.00000ml of E3946 = Final Quantity: 1000.000 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	12/04/2025	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 #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 /	12/27/2024 / RUPESH	E3904

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 #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

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)	25A2862010	12/13/2025	06/13/2025 / Rajesh	02/28/2025 / Rajesh	E3942

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)	24H1462005	05/24/2027	07/01/2025 / RUPESH	06/19/2025 / RUPESH	E3946

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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	04/18/2027	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

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)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

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	12/19/2025	06/19/2025 / Jagrut	12/09/2021 / Christian	S10105

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	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

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	10/28/2025	04/28/2025 / Jagrut	08/11/2023 / Yogesh	S11496

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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	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/01/2026	07/01/2025 / Rahul	11/09/2023 / Yogesh	S11651

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 #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11801

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	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11802

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	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11805

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	A0200655	12/04/2025	06/04/2025 / Jagrut	11/21/2023 / rahul	S11806

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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	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

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	10/28/2025	04/28/2025 / Jagrut	03/08/2024 / Rahul	S12115

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	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12196

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	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

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	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12198

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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	S12216

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	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12217

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	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12218

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	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12219

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	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

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	12/03/2025	06/03/2025 / Jagrut	05/24/2024 / Rahul	S12272

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CHEMICAL RECEIPT LOG BOOK

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	11/05/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12277

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	12/19/2025	06/19/2025 / Jagrut	05/24/2024 / Rahul	S12278

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	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12499

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12500

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12501

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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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12502

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12503

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12504

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12505

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12506

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

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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	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	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12545

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12546

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12547

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12548

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12549

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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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12550

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12551

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	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

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	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

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	12/16/2025	06/16/2025 / anahy	09/20/2024 / anahy	S12670

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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	S12974

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	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12987

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	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12988

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	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12989

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	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12990

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	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12991

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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	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12992

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)	531243	12/19/2025	06/19/2025 / Jagrut	01/16/2025 / anahy	S13057

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)	525551	11/05/2025	05/05/2025 / Jagrut	03/10/2025 / anahy	S13078

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]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13088

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]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

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]	A0201702	12/03/2025	06/03/2025 / Jagrut	11/13/2023 / Rahul	S13148

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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	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	12/04/2025	06/04/2025 / Jagrut	06/04/2025 / Rahul	S13158

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]	A0226283	01/01/2026	07/01/2025 / Rahul	06/04/2025 / Rahul	S13159

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	A0224359	01/22/2026	07/22/2025 / Rahul	06/02/2025 / anahy	S13168

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]	A0226493	01/01/2026	07/01/2025 / Rahul	06/11/2025 / anahy	S13206

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	70434 / Acetophenone, Single compound solution, 1000 PPM	121622	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13208

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91126 / Benzoic acid 2000 ug/mL	060625	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13209

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90495 / 1,1-Biphenyl 2000 ug/mL	042325	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13210

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	34571 / 1,2,4,5-Tetrachlorobenzene 5000 ug/mL	092324	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13211

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.

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 RB on 7/24/23 E3551

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 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 %	0.2 %
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 RS

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A2862010
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
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	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 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

E3942

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 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 %	0.2 %
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 RS 6/19/25

E3946

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

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

Read on 7/2/25

E3949

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

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
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	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 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

RS 7/14/25

E3954

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

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
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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.

S11484 ↓ S11493 Y.P. 08/10/23

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

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.

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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:

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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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Certificate of Analysis

chromatographic plus

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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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.)

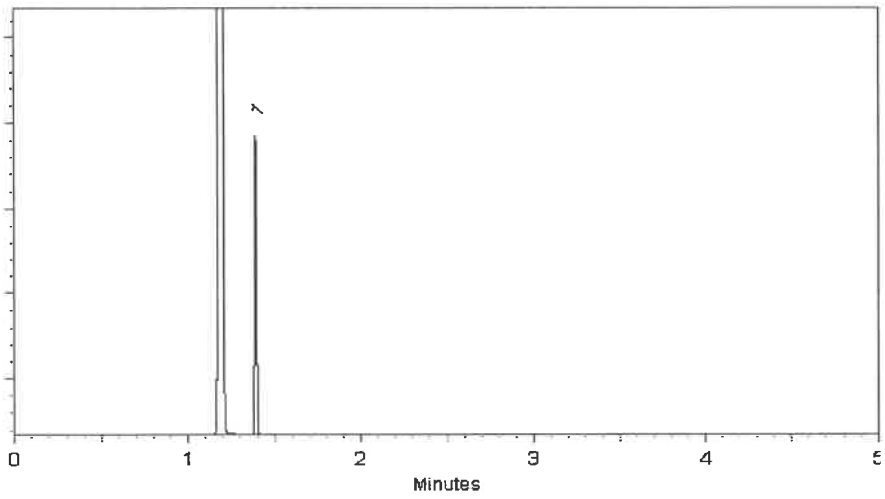
Inj. Temp:
250°C

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:

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Certified Uncertainty Value Notes:

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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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Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 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	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* 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.)

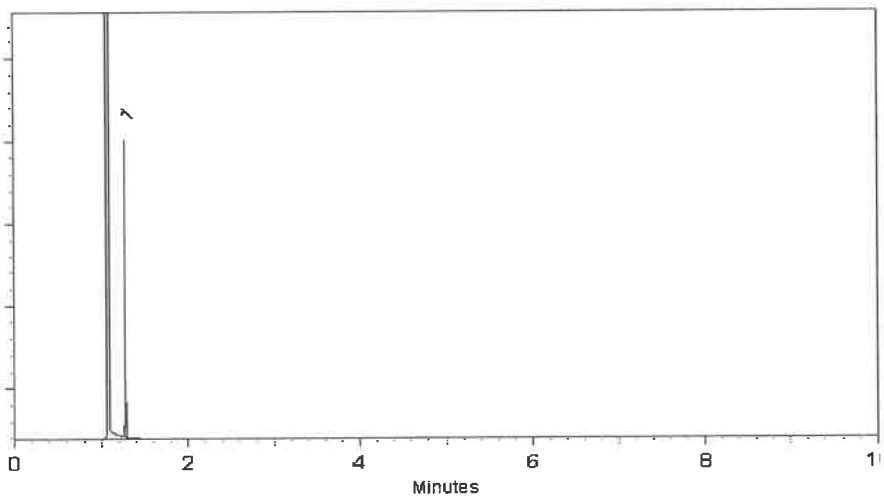
Inj. Temp:
250°C

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.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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- 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:

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Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Handling Notes:

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Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 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	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* 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.)

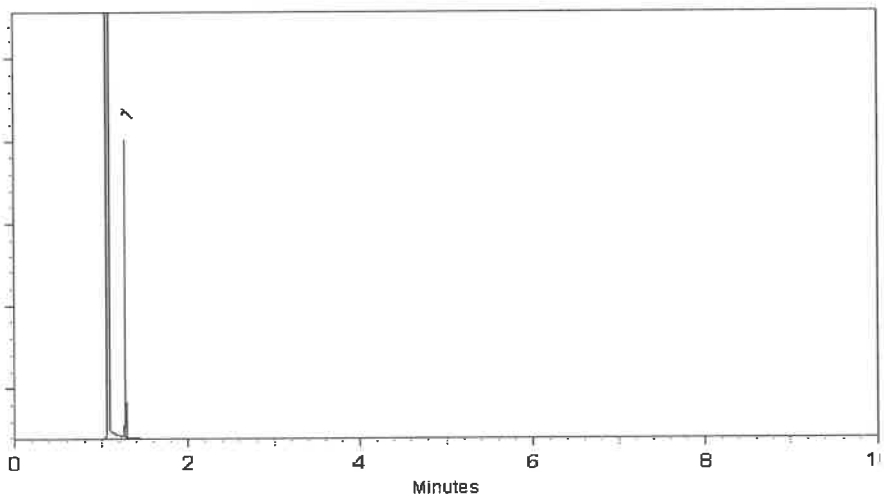
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

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:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
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Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 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	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* 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.)

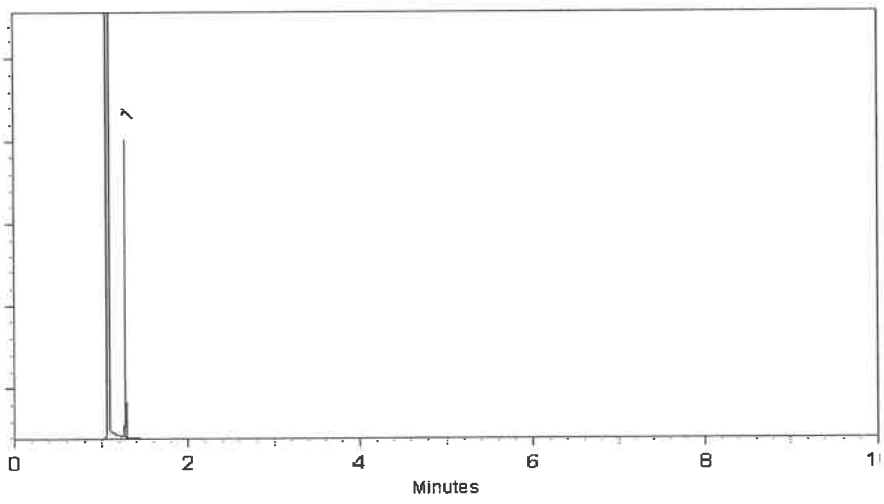
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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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.

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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Fax: 1-814-353-1309

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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. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 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	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* 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.)

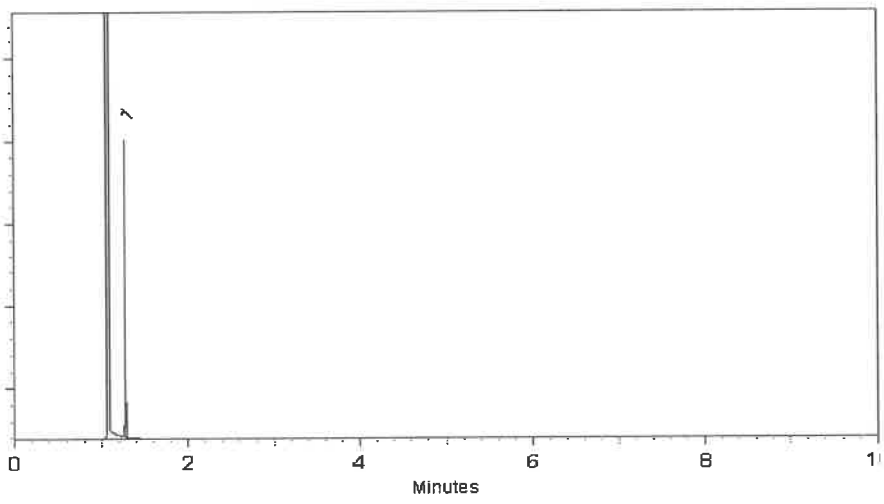
Inj. Temp:
250°C

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.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-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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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.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 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	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* 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.)

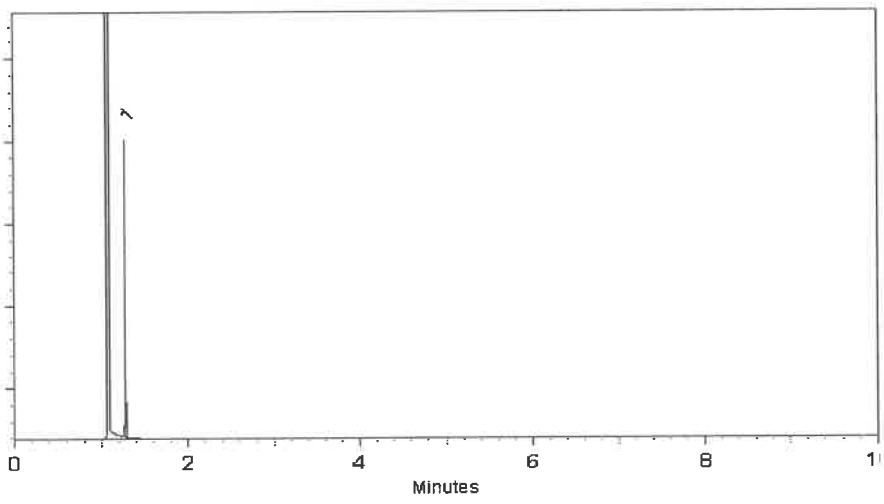
Inj. Temp:
250°C

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.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-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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(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

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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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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.)

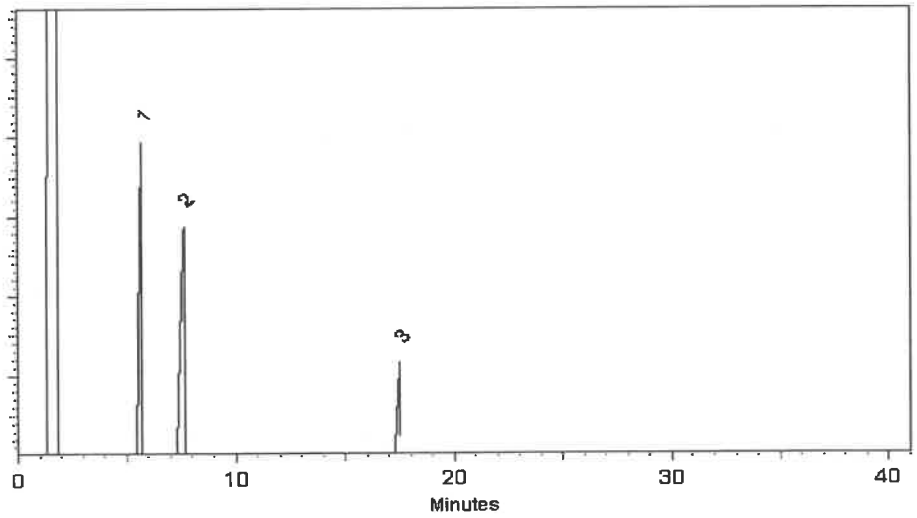
Inj. Temp:
250°C

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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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.)

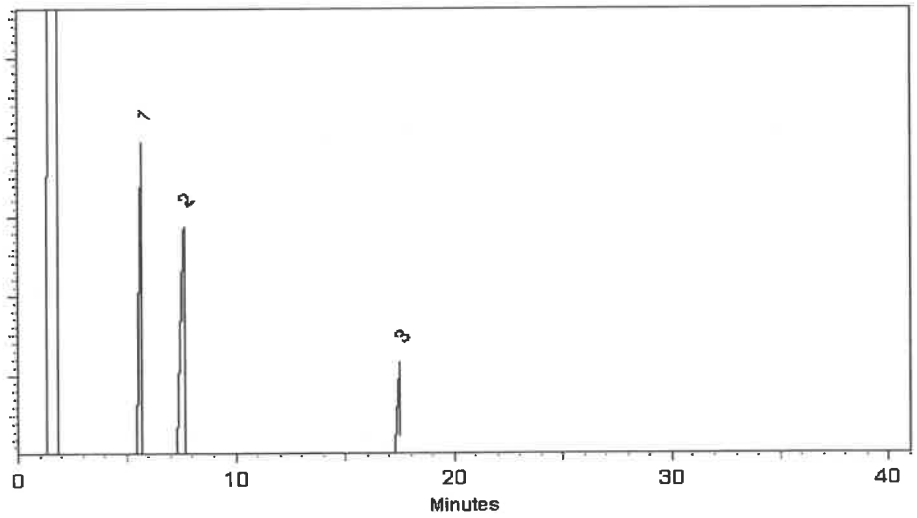
Inj. Temp:
250°C

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

S12187 ↓ S12206 } RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°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	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.)

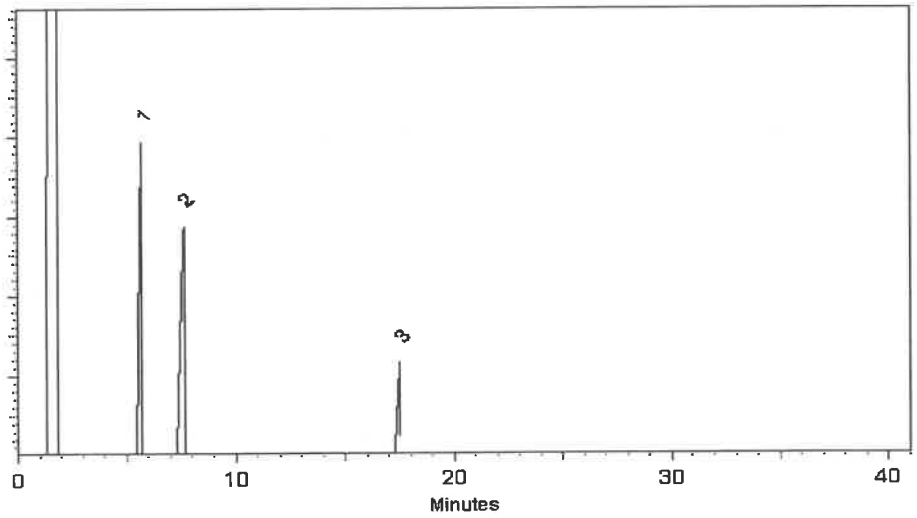
Inj. Temp:
250°C

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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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

S12187 ↓ S12206 } RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°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	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.)

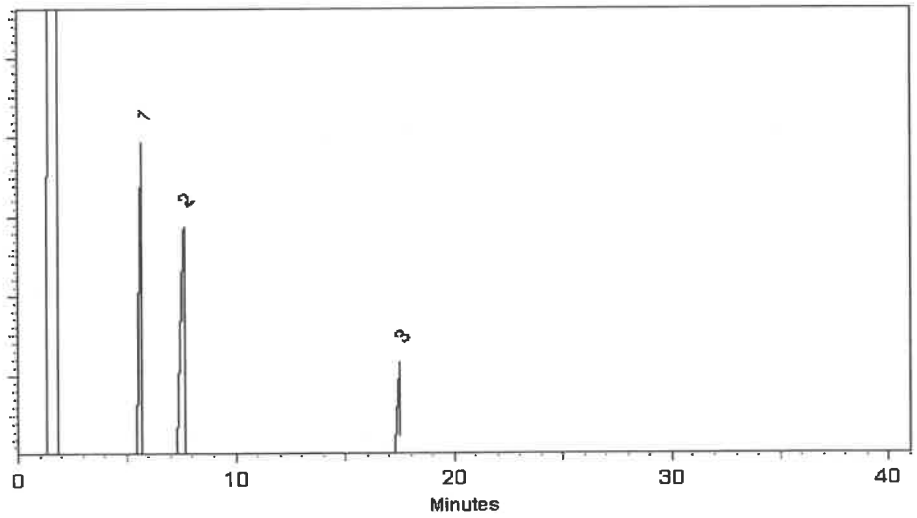
Inj. Temp:
250°C

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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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. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

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

S12207 ↓ S12221 RC/ 03/18/24

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.)

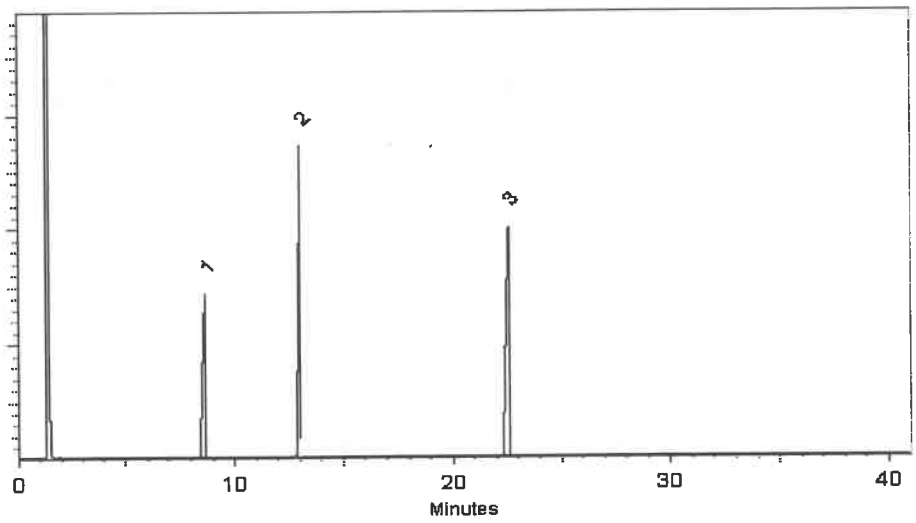
Inj. Temp:
250°C

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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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. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

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

S12207 ↓ S12221 RC/ 03/18/24

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.)

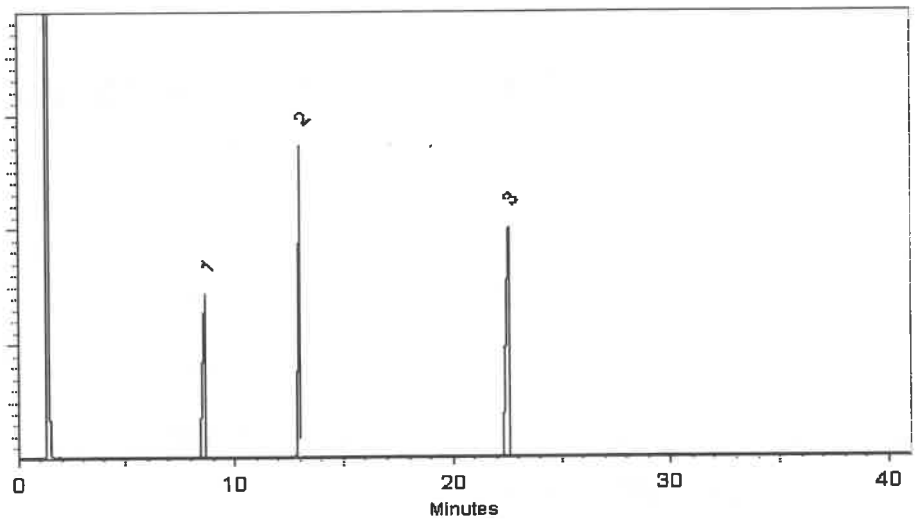
Inj. Temp:
250°C

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

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

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

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S12207 ↓ S12221 RC/ 03/18/24

CERTIFIED VALUES

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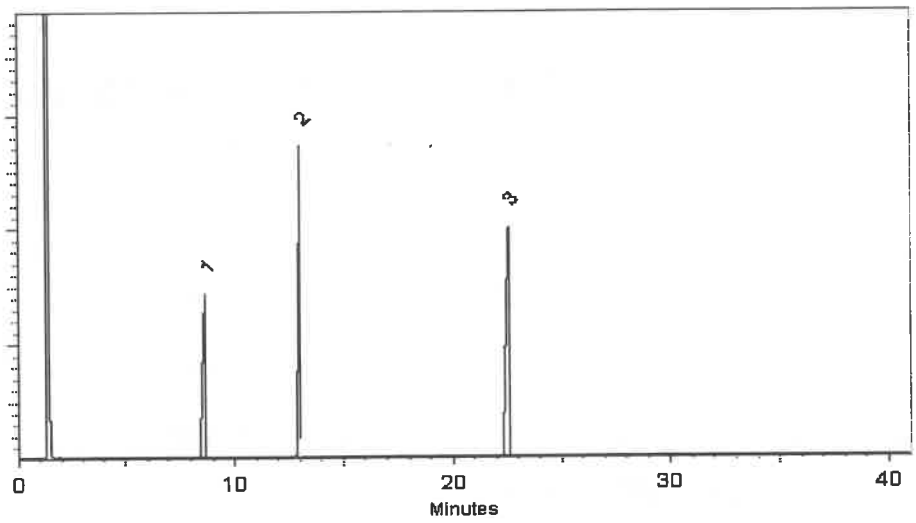
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Inj. Vol
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Jess Hoy - Operations Tech I

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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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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

S12207 ↓ S12221 RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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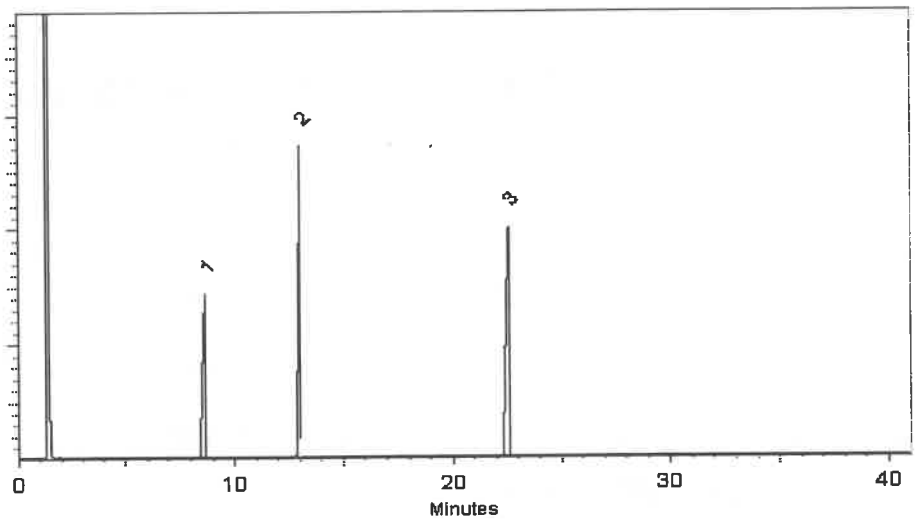
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Jess Hoy - Operations Tech I

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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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

S12207 ↓ S12221 RC/ 03/18/24

CERTIFIED VALUES

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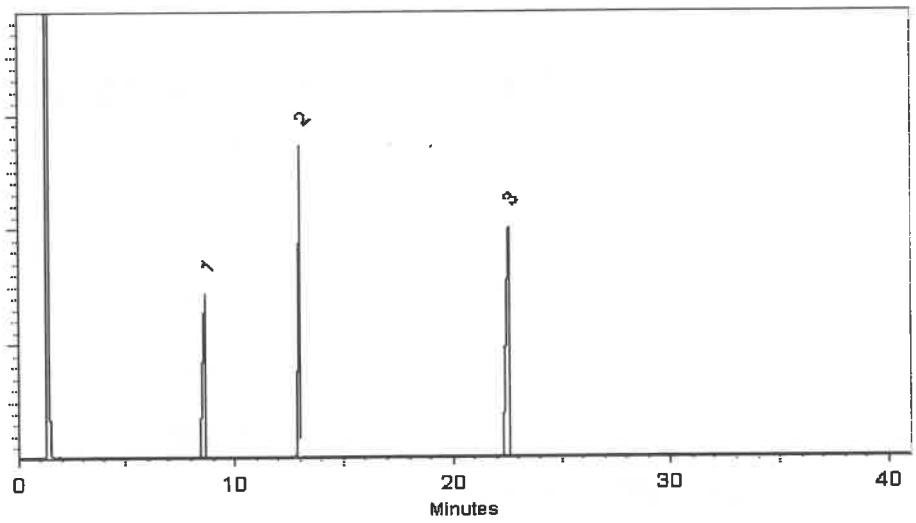
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Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

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

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-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

Kerry E Kane

Certified By: _____

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

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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

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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

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CPI INTERNATIONAL

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Manufacturer's Quality System
Audited & Registered
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Date Received: _____

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

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Rev 0

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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

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Certified By: S. Hunter

Scott Hunter
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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

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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%.

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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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RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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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

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Solvent: Methylene chloride
CAS # 75-09-2
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S12449 ↓ S12508 } RC 7/24/24

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- 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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110 Benner Circle
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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

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Description : Custom 8270 Plus Standard #1

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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)
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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

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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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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
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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

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

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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)
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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

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Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

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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

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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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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.
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- 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:

- 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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Purity Notes:

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- 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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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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- 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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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 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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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. : 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.)

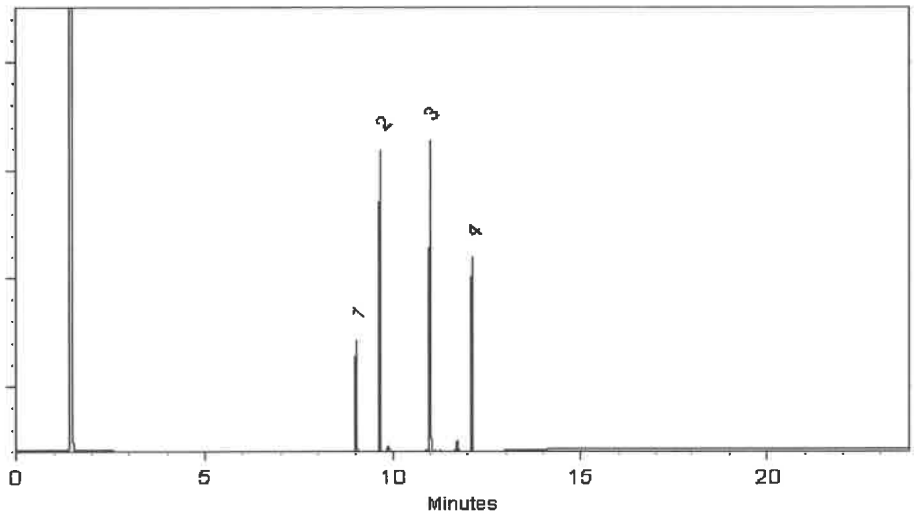
Inj. Temp:
250°C

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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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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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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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 #3222.01

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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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

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Certificate #3222.01

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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)
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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
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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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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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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 #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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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.

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-110816-01	531243	≤ -10 °C	Methylene Chloride	1/2/2030	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	337.7.4P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	993.8 ± 5.78
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

513057
↓
513061
AC
1/16/25

*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: 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.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

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Date Received:_____

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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	525551	-18°C +/- 4°C	Methylene Chloride	9/3/2029	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	97.9	74.421.2P	994.7 ± 30.56

This RM is intended for use as a calibration standard or a quality control standard for chromatography equipment such as GC, GC/MS, HPLC, and HPLC/MS. It may also be used for various USEPA, NIOSH and ASTM methods.

Recommended storage container for ampuled products after opening is a 12 mm x 32 mm amber vial with screw cap Teflon lined silicon septum. The modeled % change per day can be calculated using the following:

$$\% \text{ Change} = 116192x^{-2.578} + 40.383e^{-0.03y}$$

where x = boiling point of the most volatile analyte in the mix (in degrees K)
y = boiling point of the solvent (in degrees K)

This model assumes the container is stored at -10 °C and is unopened during storage. The user should determine what the acceptable error for their process is and calculate the maximum number of days the opened ampule should be stored. The minimum sample size recommended for use is 1µL.

S13078 ↓ S13087 } AC 3/10/25

Manufactured by

Raevyn Steele
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.

*Not a certified valu

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

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chromatographic plus

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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.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 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	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
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	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* 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.

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.)

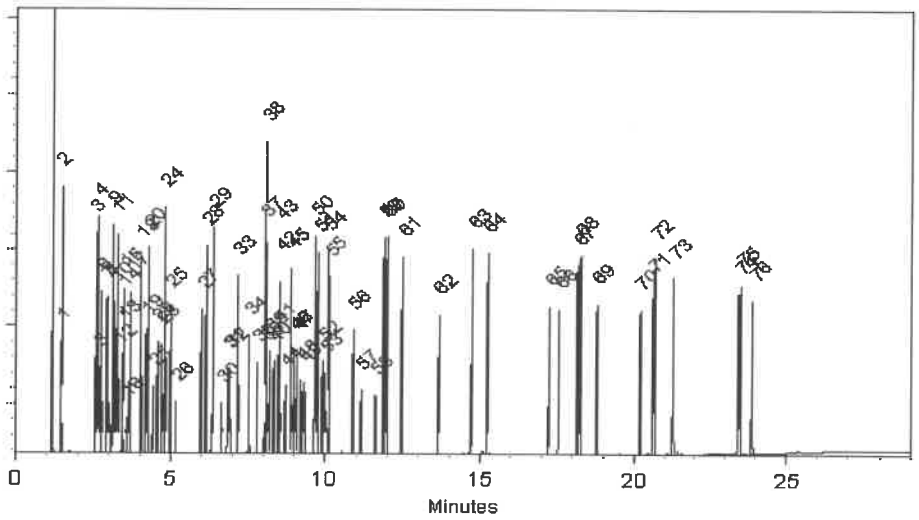
Inj. Temp:
250°C

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.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 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	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
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	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* 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.

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.)

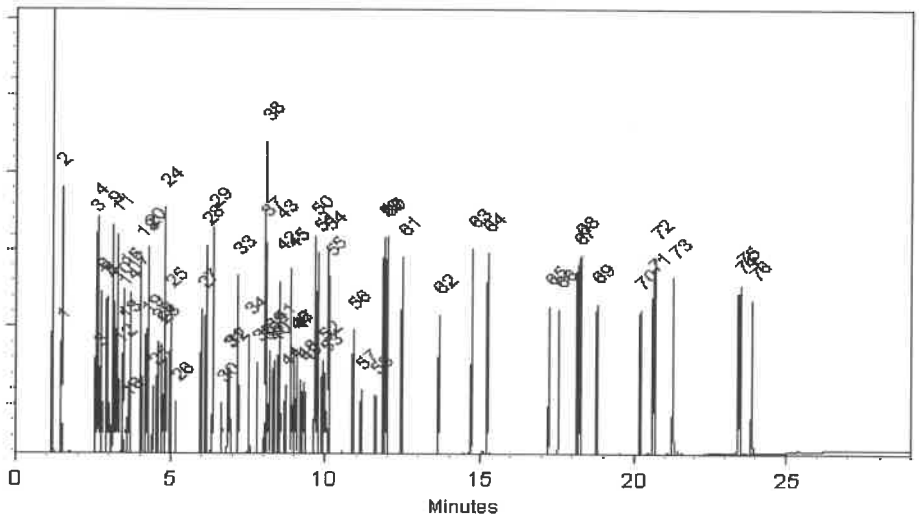
Inj. Temp:
250°C

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.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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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. : 555871 **Lot No.:** A0226283

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 : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 ↓ S13167 } RC/ 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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. : 555871 **Lot No.:** A0226283

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 : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 ↓ S13167 } RC/ 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 } AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **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%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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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.

S13198 → S13207 } AC 6/11/25

Catalog No. : 555868 **Lot No.:** A0226493

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, 2028 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Laith Clemente - Operations Technician I **Date Mixed:** 09-Jun-2025 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT

Part Number: 70434
Lot Number: 121622
Description: Acetophenone

Expiration Date: 121627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

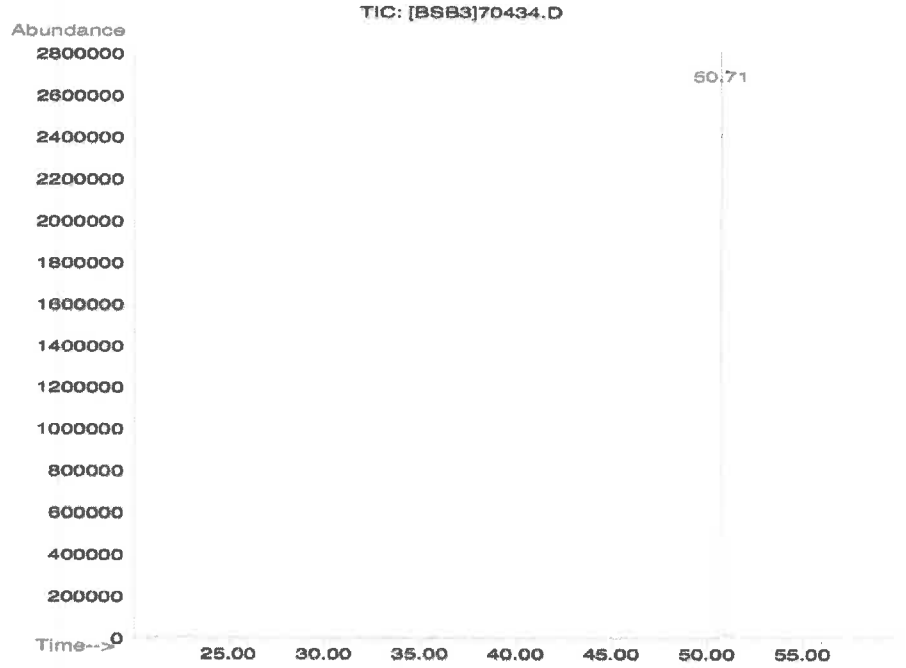
Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

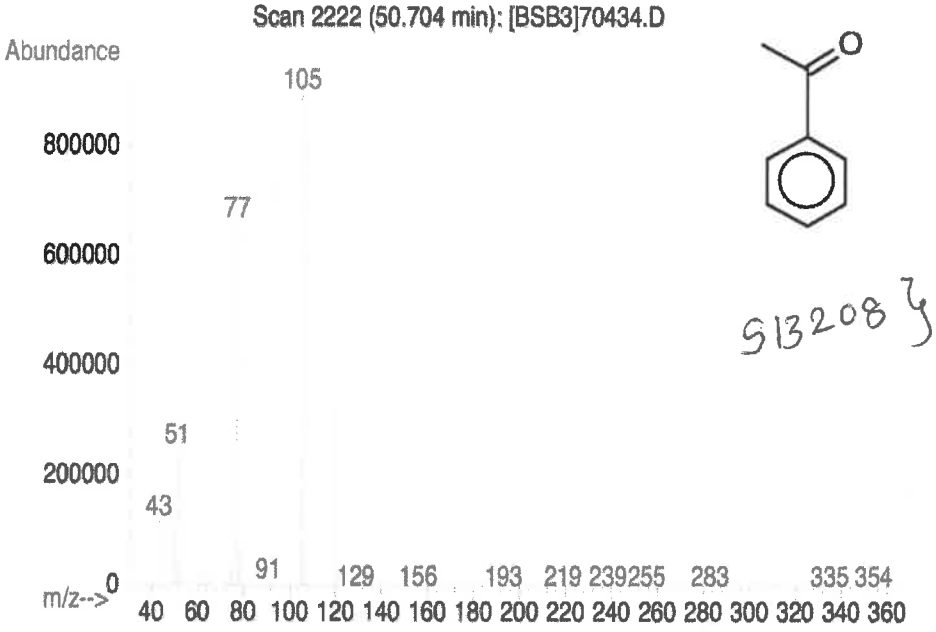
		121622
Formulated By:	Benson Chan	DATE
		121622
Reviewed By:	Pedro L. Rentas	DATE

Weight(s) shown below were combined and diluted to (mL): 50.0 5E-05 Balance Uncertainty 0.001 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetophenone	434	04511JX	1000	99	0.2	0.05055	0.05075	1004.0	4.5	98-86-2	N/A	orl-rat 815mg/kg

Method: GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren. Solvent delay = 25 minutes.

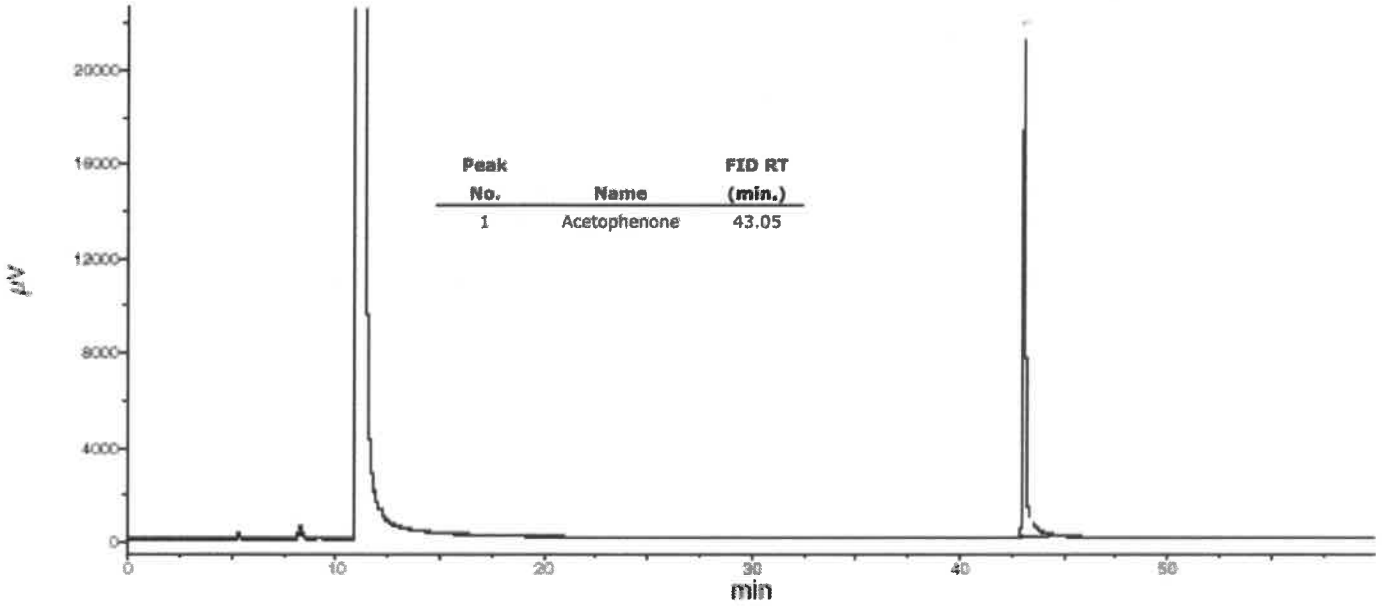




S13208 Y RC/ 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC13-M1 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak No.	Name	FID RT (min.)
1	Acetophenone	43.05

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CERTIFIED WEIGHT REPORT

Part Number: 91126
Lot Number: 060625
Description: Benzoic acid

Expiration Date: 060630
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

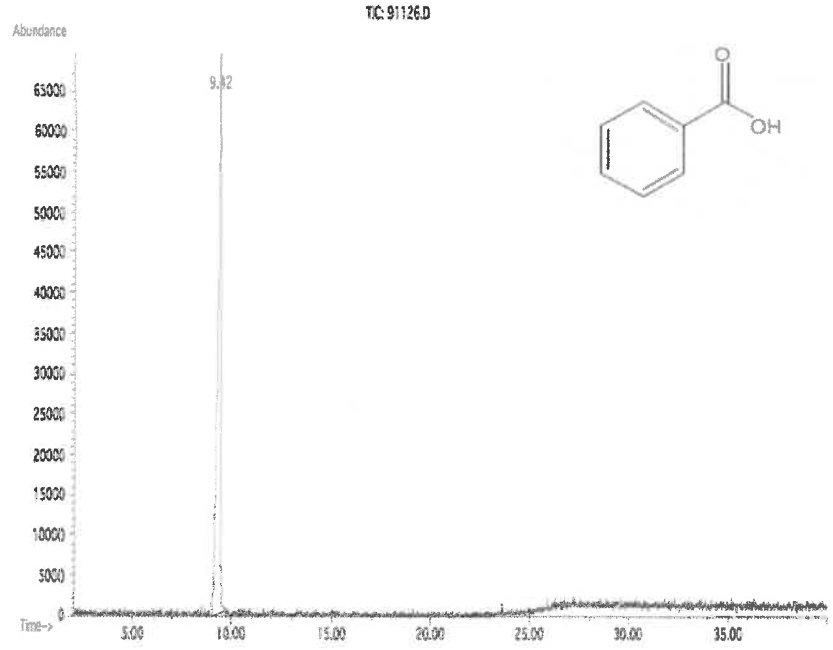
Solvent(s): Methylene chloride **Lot#** 23343

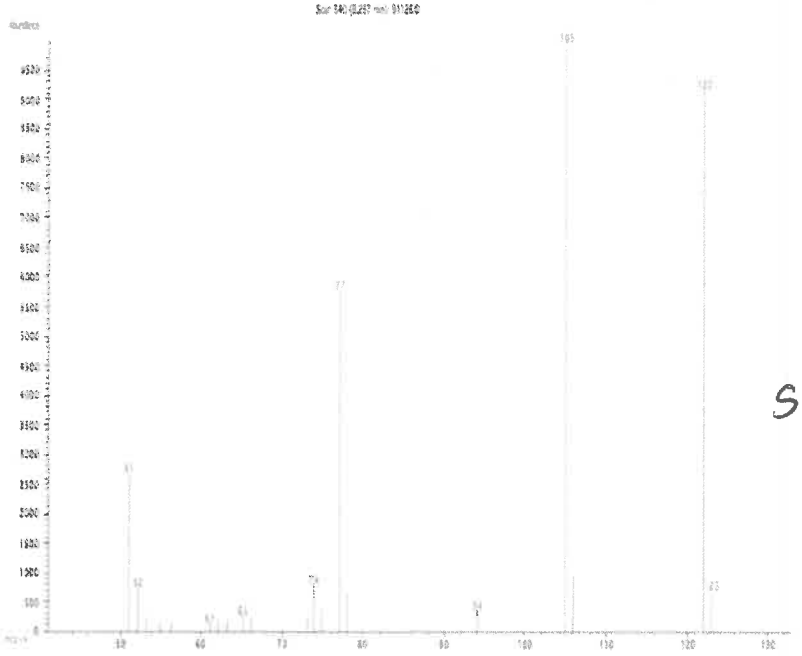
Formulated By:	Anthony Mahoney	060625 DATE
Reviewed By:	Pedro L. Rentas	060625 DATE

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Benzoic acid	34	11930AW	2000.0	99	0.2	0.20211	0.20227	2001.6	8.2	65-85-0	N/A	orl-rat 1700mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C. Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Melissa Stonier.





S132097 RC 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

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Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT

Part Number: 34571
Lot Number: 092324
Description: 1,2,4,5-Tetrachlorobenzene

Solvent(s): Methanol **Lot#** EI863-US

Expiration Date: 092334
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

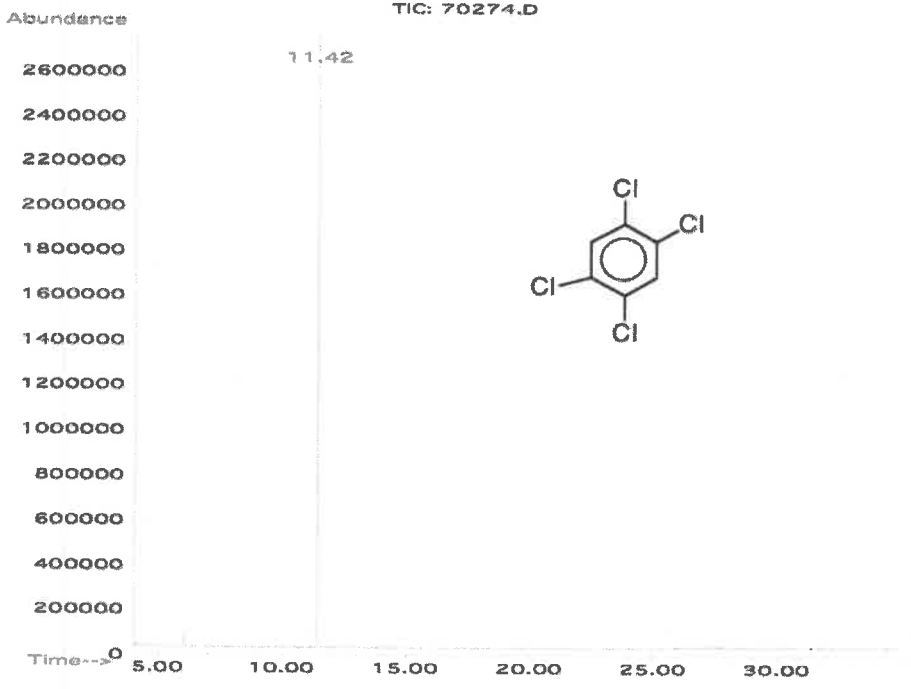
Weight(s) shown below were combined and diluted to (mL): 25.0 5E-05 Balance Uncertainty 0.004 Flask Uncertainty

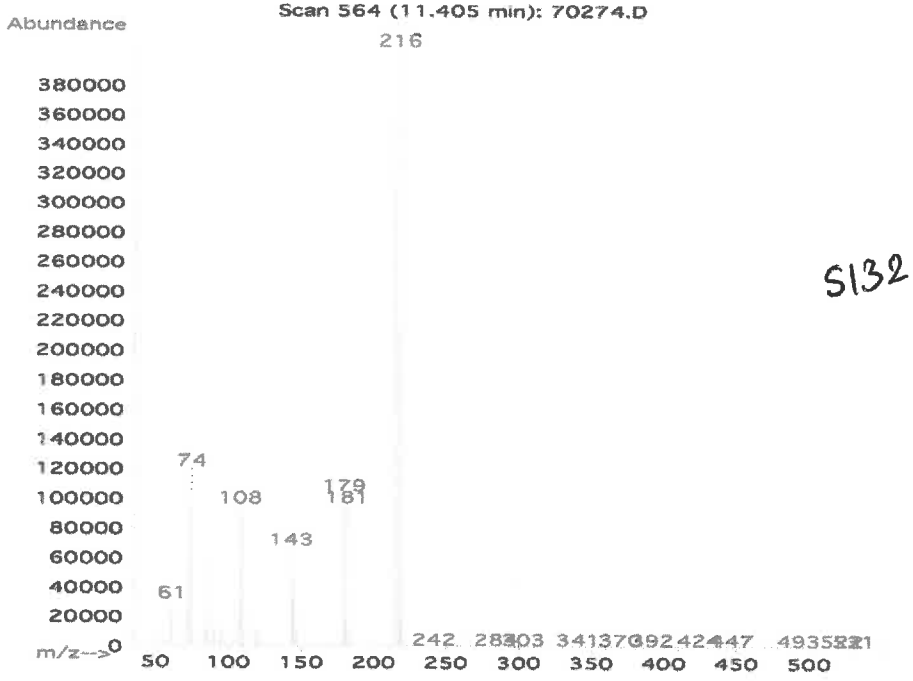
CAUTION: Sonicate Before Use

Formulated By: Lawrence Barry	092324 DATE
Reviewed By: Pedro L. Rentas	092324 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,2,4,5-Tetrachlorobenzene	274	10408AS	5000	98	0.20	0.12761	0.12765	5001.4	20.8	95-94-3	N/A	orl-rat 1500mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.





S132113 RC 6/19/25.

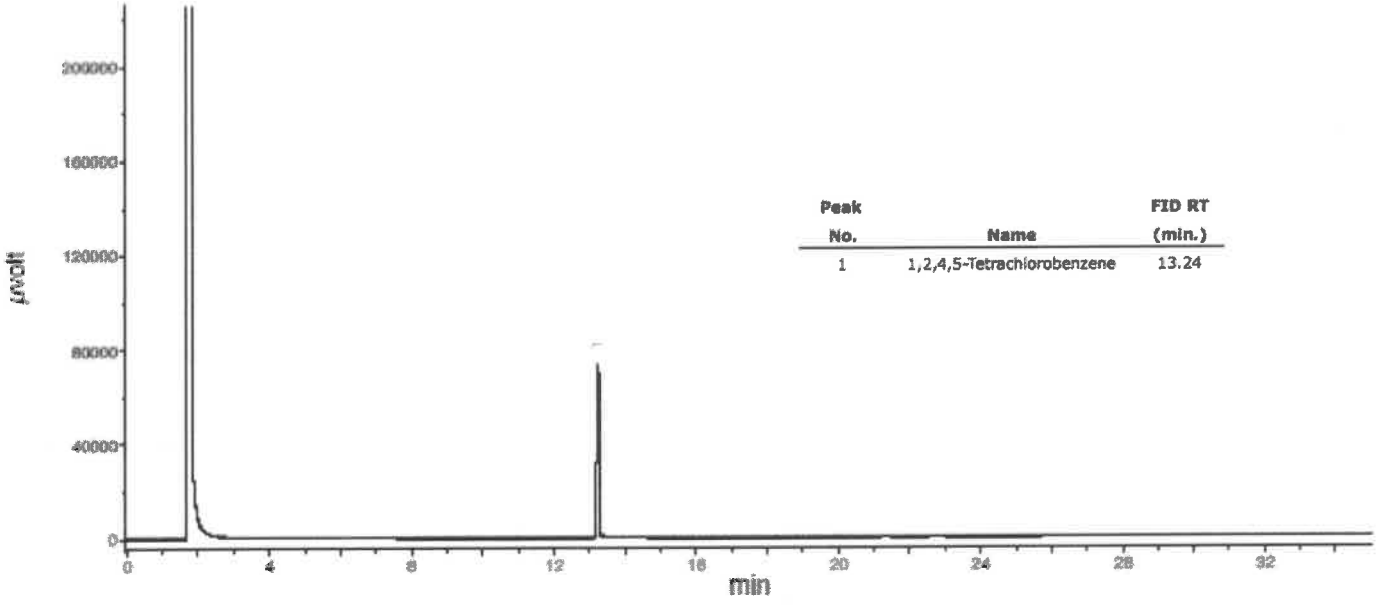
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 31, "P34571 L092324 [5000µg/mL in MeOH]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Fri, Jan 3, 2025 at 11:24:40 AM.
Sampled: Sequence "010225-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 7



Peak No.	Name	FID RT (min.)
1	1,2,4,5-Tetrachlorobenzene	13.24

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

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. : 555869 **Lot No.:** A0201702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene 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

513148 ↓ 513157 RC 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023 **Balance:** B707717271

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397



SHIPPING DOCUMENTS

Q 2639

Chemtech

Phone: (908) 789-8900
Fax: (908) 789-8922
284 Sheffield Street, Mountainside, NJ 07092

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 4_01/08/2020

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name:	Nobis Group
Address:	55 Technology Dr Suite 101, Lowell, MA 01851
Phone:	978-703-6014
Project Name:	Raymark
Project Location:	Stratford, CT
Project Number:	95700
Project Manager:	Adam Roy
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	A. Brittingham

Requested Turnaround Time
5-Day ☐ 10-Day ☑
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐ No
Email To: aroy@nobis-group.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☑
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	M/O	RCP VOCs	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals ICP + Hg - 6010	Cyanide	SPLP RCP Metals - 6020
	OU4-TS-38-071725	7/17/25	11:40	G	SO		3	2					X	X	X	X	X	X	X	X	X
	OU4-TS-39-071725	7/17/25	11:50	G	SO		3	2					X	X	X	X	X	X	X	X	X
	OU4-TS-40-071725	7/17/25	12:00	G	SO		3	2					X	X	X	X	X	X	X	X	X
	OU4-TS-41-071725	7/17/25	12:10	G	SO		3	2					X	X	X	X	X	X	X	X	X
	OU4-TS-42-071725	7/17/25	12:20	G	SO		3	2					X	X	X	X	X	X	X	X	X
	OU4-TS-43-071725	7/17/25	12:30	G	SO		3	2					X	X	X	X	X	X	X	X	X
	OU4-TS-44-071725	7/17/25	12:40	G	SO		3	2					X	X	X	X	X	X	X	X	X

[2] Preservation Code

Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time: 7/17/25 1500
Received by: (signature)	Date/Time: 7/18/25 0855
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments:
5.1°C - 4.7°C

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2639 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 7/18/2025 10:22:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 7/18/2025 9:55:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
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
Q2639-01	OU4-TS-38-071725	Solid	07/17/2025	11:40					
					VOCMS Group3		8260D		10 Bus. Days
Q2639-03	OU4-TS-39-071725	Solid	07/17/2025	11:50					
					VOCMS Group3		8260D		10 Bus. Days
Q2639-05	OU4-TS-40-071725	Solid	07/17/2025	12:00					
					VOCMS Group3		8260D		10 Bus. Days
Q2639-07	OU4-TS-41-071725	Solid	07/17/2025	12:10					
					VOCMS Group3		8260D		10 Bus. Days
Q2639-09	OU4-TS-42-071725	Solid	07/17/2025	12:20					
					VOCMS Group3		8260D		10 Bus. Days
Q2639-11	OU4-TS-43-071725	Solid	07/17/2025	12:30					
					VOCMS Group3		8260D		10 Bus. Days
Q2639-13	OU4-TS-44-071725	Solid	07/17/2025	12:40					
					VOCMS Group3		8260D		10 Bus. Days

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2639 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
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Order Date : 7/18/2025 10:22:00 AM
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Project Mgr :
Report Type : Level 4
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

Relinguished By : AV
Date / Time : 7/18/25 1100

Received By : Sam
Date / Time : 07/18/25 11:00

Rq #6 of 22

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129942	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	504796	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	263409	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	432329	20.000	ng		0.00
76) Chrysene-d12	14.116	240	253004	20.000	ng		0.00
86) Perylene-d12	15.615	264	255898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	89958	10.955	ng		0.00
7) Phenol-d6	6.569	99	112575	10.892	ng		-0.02
23) Nitrobenzene-d5	7.510	82	106670	10.533	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	26288	9.661	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	231962	12.043	ng		-0.01
79) Terphenyl-d14	13.063	244	198167	11.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	20208	5.201	ng		97
3) Pyridine	3.587	79	52981	5.254	ng		99
4) n-Nitrosodimethylamine	3.504	42	26949	5.176	ng	#	99
6) Aniline	6.616	93	75811	5.263	ng		99
8) 2-Chlorophenol	6.740	128	45203	5.252	ng		98
9) Benzaldehyde	6.504	77	41029	5.294	ng		97
10) Phenol	6.581	94	61148	5.431	ng		99
11) bis(2-Chloroethyl)ether	6.687	93	46083	5.345	ng		98
12) 1,3-Dichlorobenzene	6.904	146	51056	5.460	ng		98
13) 1,4-Dichlorobenzene	6.981	146	52031	5.526	ng		100
14) 1,2-Dichlorobenzene	7.134	146	49028	5.474	ng		98
15) Benzyl Alcohol	7.087	79	40295	5.106	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86727	5.423	ng		100
17) 2-Methylphenol	7.192	107	38278	5.289	ng		97
18) Hexachloroethane	7.481	117	16944	5.198	ng		97
19) n-Nitroso-di-n-propyla...	7.357	70	36103	5.445	ng		98
20) 3+4-Methylphenols	7.345	107	50606	5.763	ng		95
22) Acetophenone	7.357	105	66559	5.569	ng	#	98
24) Nitrobenzene	7.528	77	47902	5.074	ng		96
25) Isophorone	7.769	82	94372	5.279	ng		99
26) 2-Nitrophenol	7.851	139	16827	4.107	ng		98
27) 2,4-Dimethylphenol	7.881	122	44954	5.382	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	58465	5.455	ng		99
29) 2,4-Dichlorophenol	8.087	162	36884	5.236	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	41552	5.460	ng		99
31) Naphthalene	8.263	128	141099	5.676	ng		99
32) Benzoic acid	7.881	122	44954	13.661	ng	#	13
33) 4-Chloroaniline	8.304	127	55130	5.431	ng		98
34) Hexachlorobutadiene	8.386	225	24322	5.232	ng		100
35) Caprolactam	8.622	113	9647	4.532	ng		98
36) 4-Chloro-3-methylphenol	8.769	107	40203	5.251	ng		98
37) 2-Methylnaphthalene	8.951	142	84234	5.568	ng		98
38) 1-Methylnaphthalene	9.051	142	86130	5.529	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	41999	5.523	ng		100
41) Hexachlorocyclopentadiene	9.110	237	20668	4.177	ng		99
43) 2,4,6-Trichlorophenol	9.222	196	25730	4.889	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	26626	5.057	ng		98
46) 1,1'-Biphenyl	9.416	154	115130	5.602	ng		100
47) 2-Chloronaphthalene	9.439	162	83495	5.491	ng		98
48) 2-Nitroaniline	9.522	65	20076	4.210	ng		95
49) Acenaphthylene	9.857	152	140525	5.514	ng		98
50) Dimethylphthalate	9.704	163	93611	5.452	ng		99
51) 2,6-Dinitrotoluene	9.763	165	14787	4.234	ng		90
52) Acenaphthene	10.028	154	84160	5.588	ng		99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng		94
54) 2,4-Dinitrophenol	10.033	184	2389	8.047	ng	#	1
55) Dibenzofuran	10.198	168	127035	5.681	ng		97
56) 4-Nitrophenol	10.075	139	11894	3.899	ng		99
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng		92
58) Fluorene	10.539	166	97477	5.808	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	21108	4.840	ng	#	97
60) Diethylphthalate	10.404	149	90651	5.342	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	46747	5.594	ng		98
62) 4-Nitroaniline	10.533	138	15568	4.446	ng		96
63) Azobenzene	10.692	77	95602	5.405	ng		99
65) 4,6-Dinitro-2-methylph...	10.569	198	4692	7.249	ng		90
66) n-Nitrosodiphenylamine	10.645	169	82281	5.405	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	27259	5.291	ng		97
68) Hexachlorobenzene	11.092	284	29052	5.395	ng		98
69) Atrazine	11.169	200	19865	4.733	ng		99
70) Pentachlorophenol	11.280	266	11294	3.566	ng		98
71) Phenanthrene	11.504	178	128762	5.609	ng		100
72) Anthracene	11.557	178	127938	5.465	ng		98
73) Carbazole	11.704	167	112588	5.507	ng		99
74) Di-n-butylphthalate	12.039	149	116291	5.027	ng		99
75) Fluoranthene	12.692	202	117249	5.565	ng		99
77) Benzidine	12.804	184	47236	4.846	ng		98
78) Pyrene	12.922	202	120767	5.593	ng		98
80) Butylbenzylphthalate	13.533	149	27699	4.189	ng		97
81) Benzo(a)anthracene	14.104	228	86920	5.131	ng		98
82) 3,3'-Dichlorobenzidine	14.063	252	26392	4.675	ng		99
83) Chrysene	14.139	228	81091	5.325	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43732	4.370	ng		99
85) Di-n-octyl phthalate	14.710	149	75225	4.147	ng		98
87) Indeno(1,2,3-cd)pyrene	17.139	276	91076	5.047	ng		100
88) Benzo(b)fluoranthene	15.174	252	78749	5.037	ng		99
89) Benzo(k)fluoranthene	15.204	252	74738	5.358	ng		98
90) Benzo(a)pyrene	15.551	252	72196	5.012	ng		98
91) Dibenzo(a,h)anthracene	17.162	278	74120	5.047	ng		100
92) Benzo(g,h,i)perylene	17.604	276	70403	4.955	ng		99

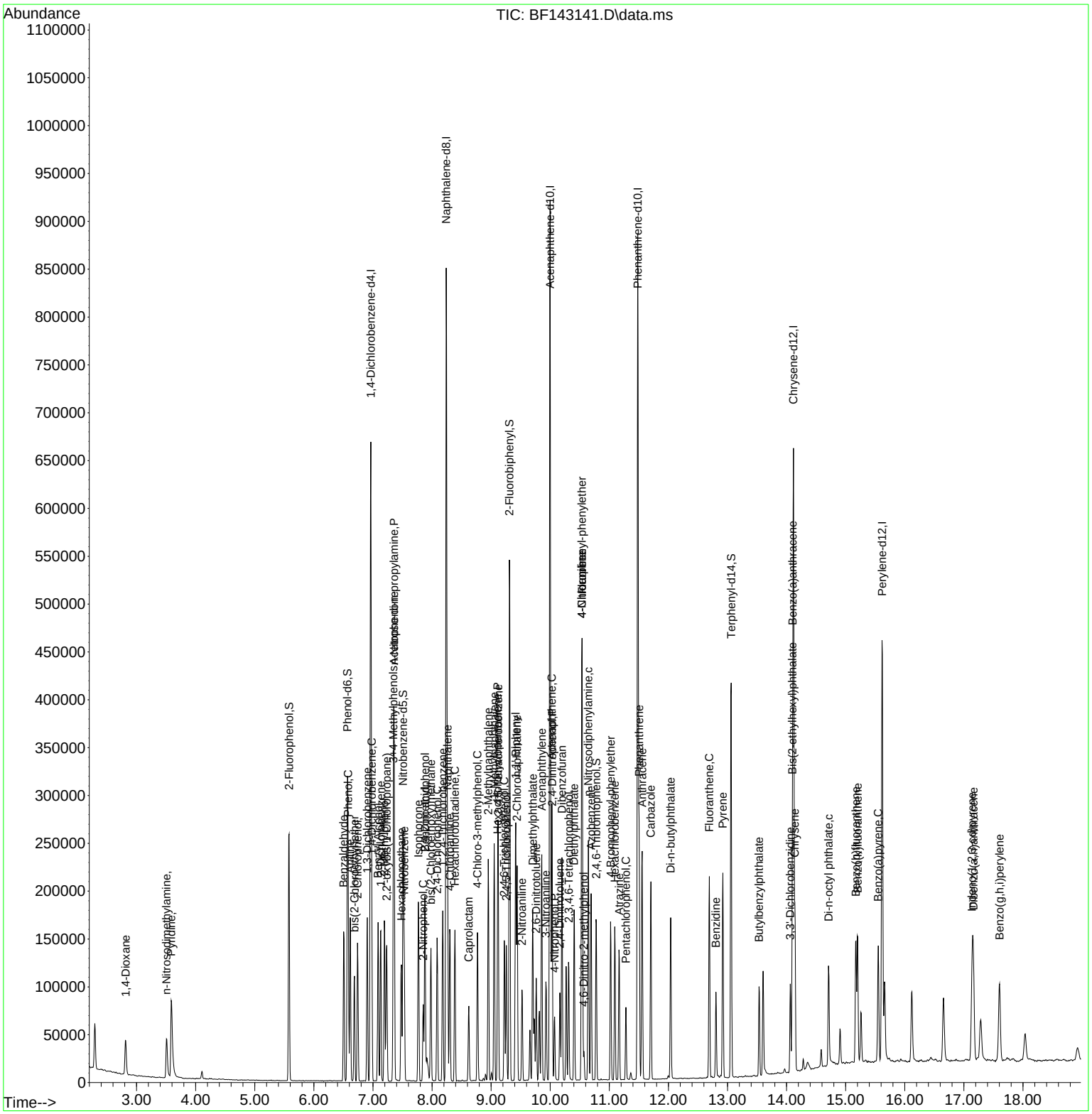
(#) = qualifier out of range (m) = manual integration (+) = signals summed

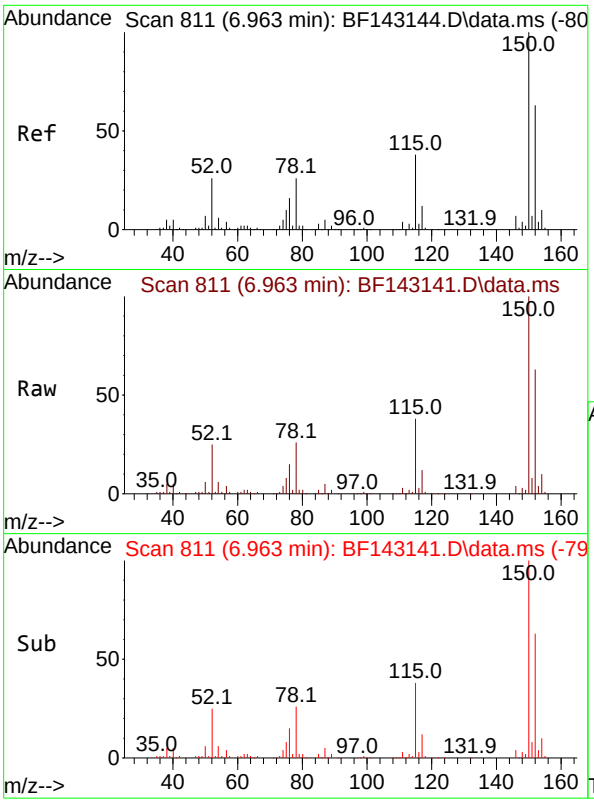
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



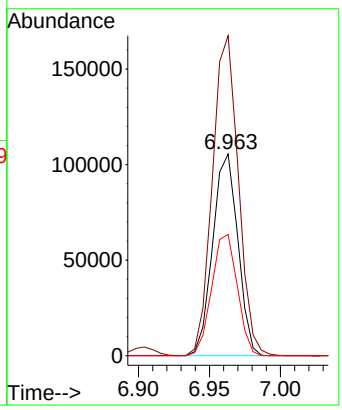


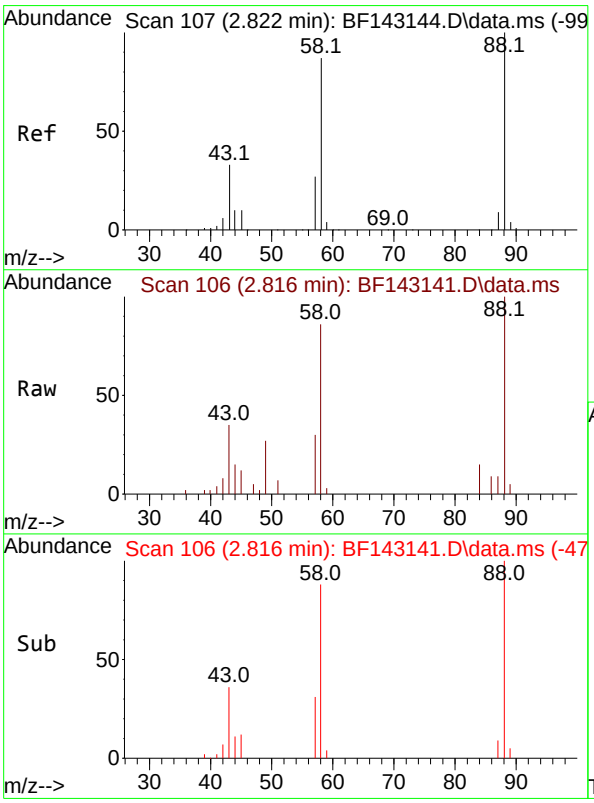
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 129942

Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.2	192.4
115	60.2	47.9	71.9

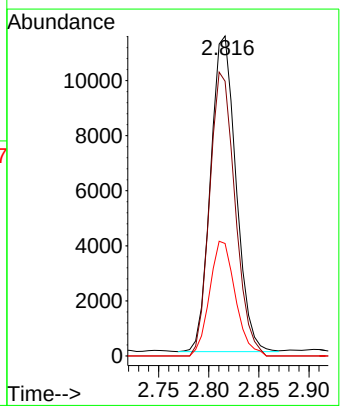


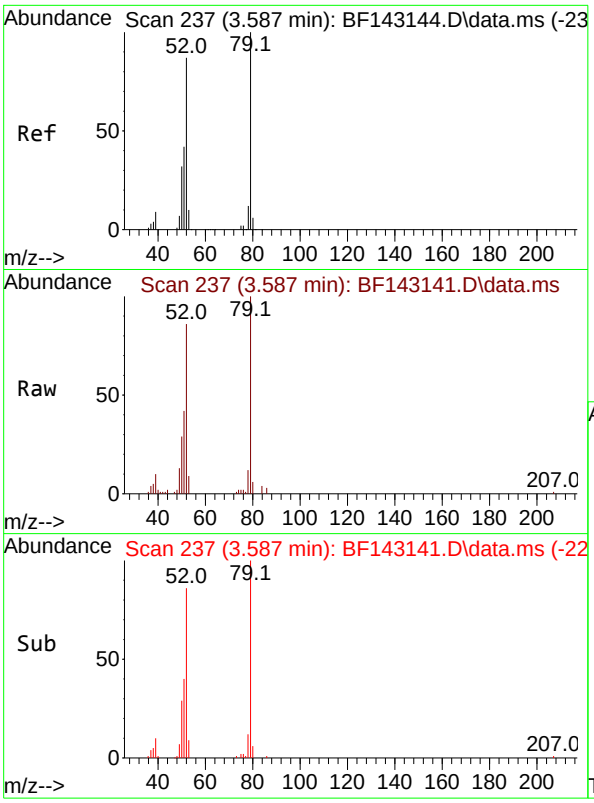


#2
1,4-Dioxane
Concen: 5.201 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 88 Resp: 20208

Ion	Ratio	Lower	Upper
88	100		
58	89.6	70.2	105.2
43	36.7	27.1	40.7



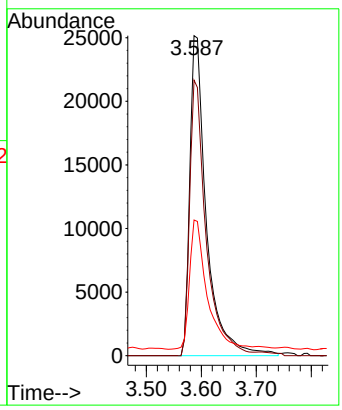


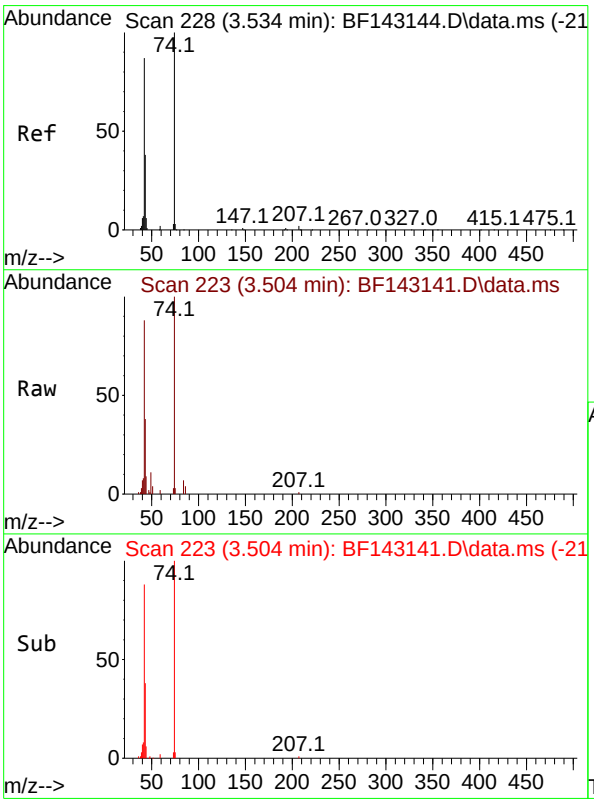
#3
Pyridine
Concen: 5.254 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 52981

Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.4	104.2
51	42.4	33.5	50.3

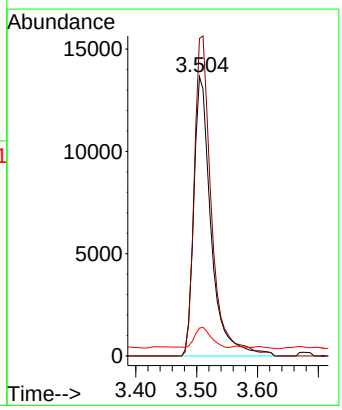


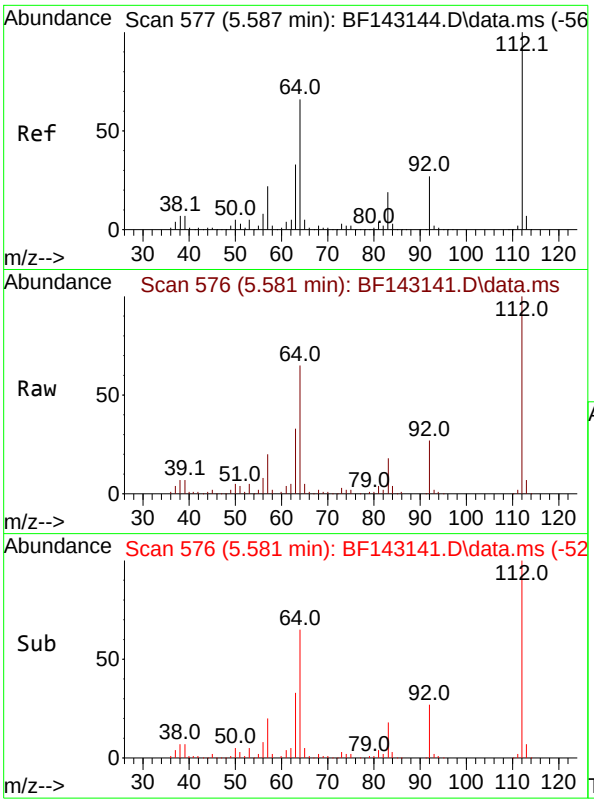


#4
n-Nitrosodimethylamine
Concen: 5.176 ng
RT: 3.504 min Scan# 223
Delta R.T. -0.029 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 42 Resp: 26949

Ion	Ratio	Lower	Upper
42	100		
74	113.7	91.7	137.5
44	10.0	5.6	8.4#



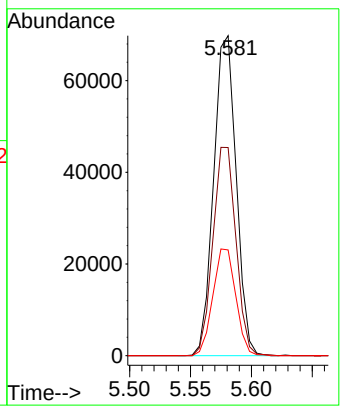


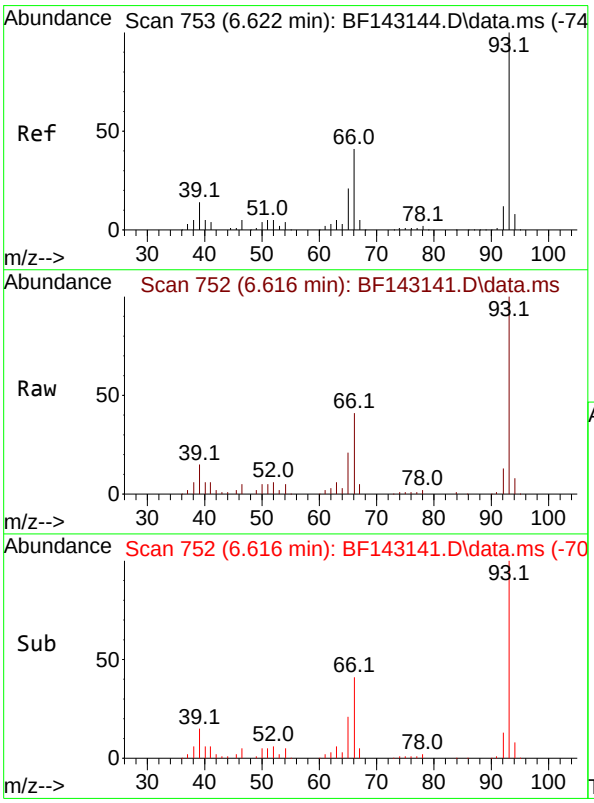
#5
2-Fluorophenol
Concen: 10.955 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 89958

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	33.1	26.6	40.0

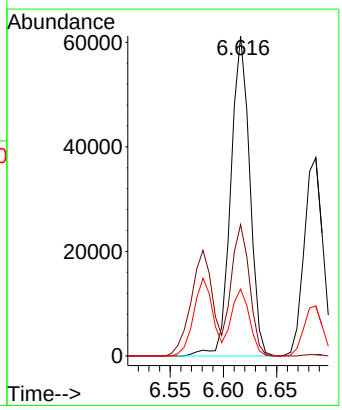


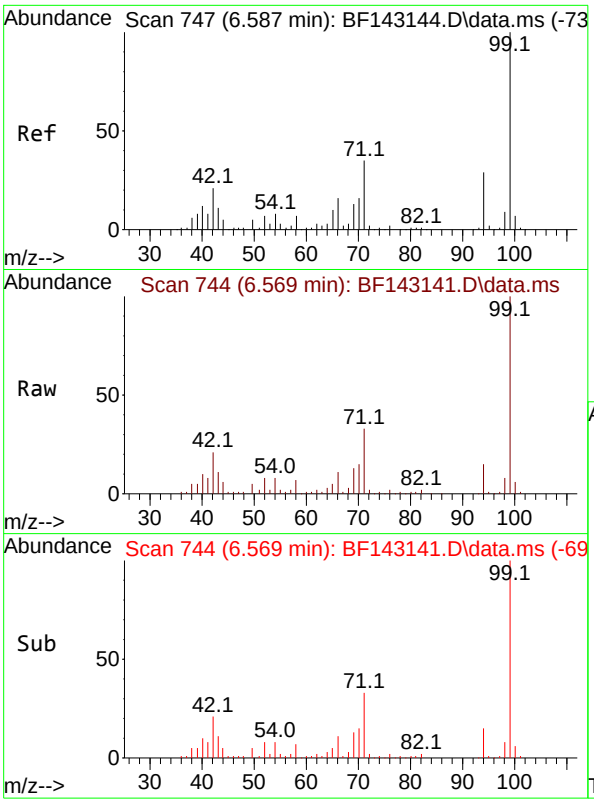


#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 75811

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.9	16.9	25.3



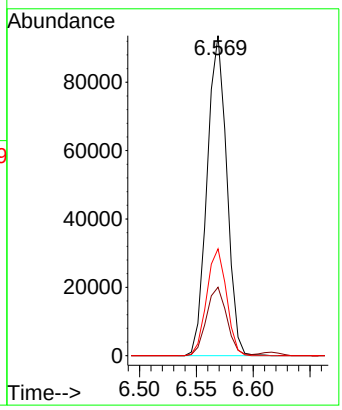


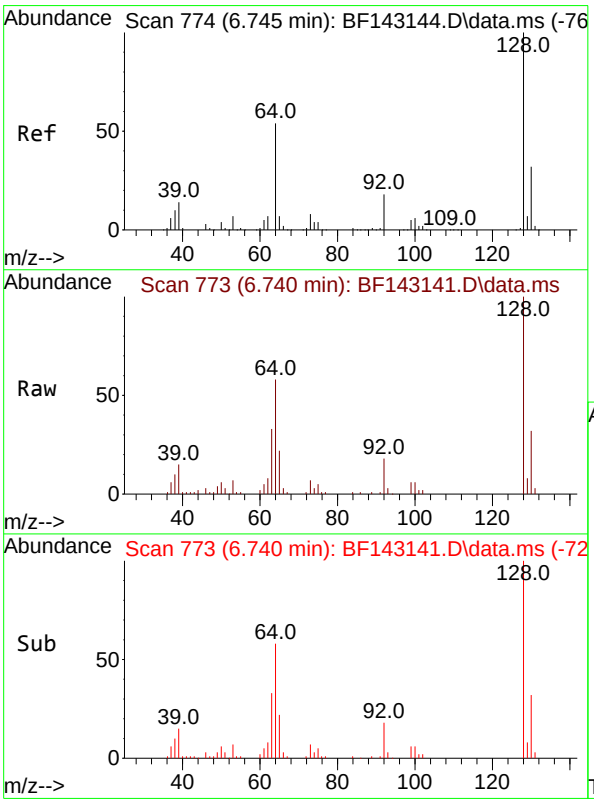
#7
Phenol-d6
Concen: 10.892 ng
RT: 6.569 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 112575

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.4	27.7	41.5

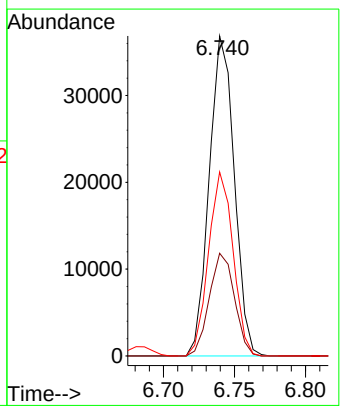


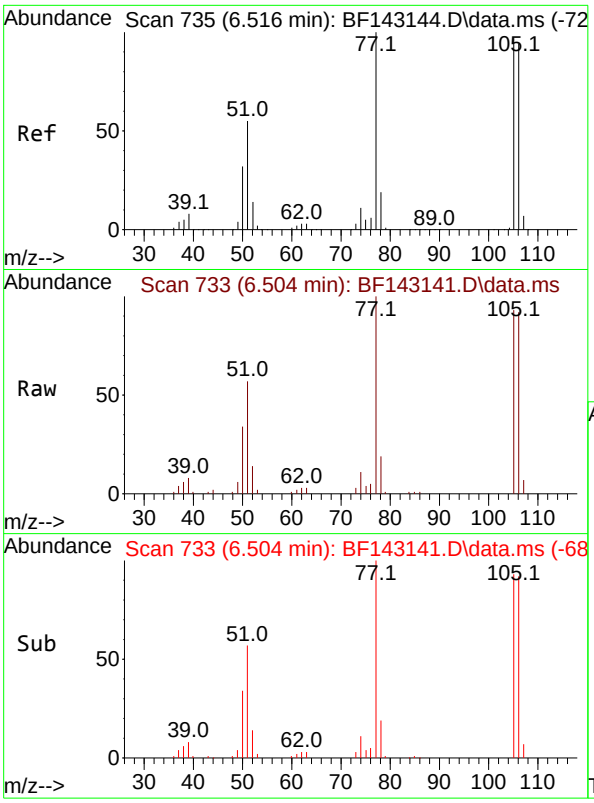


#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 45203

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	57.5	35.9	75.9



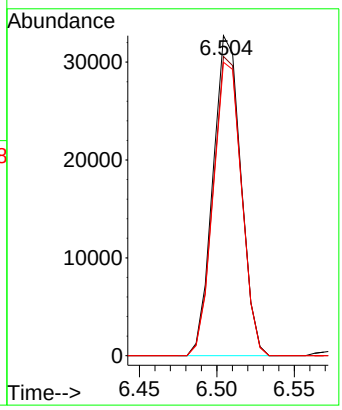


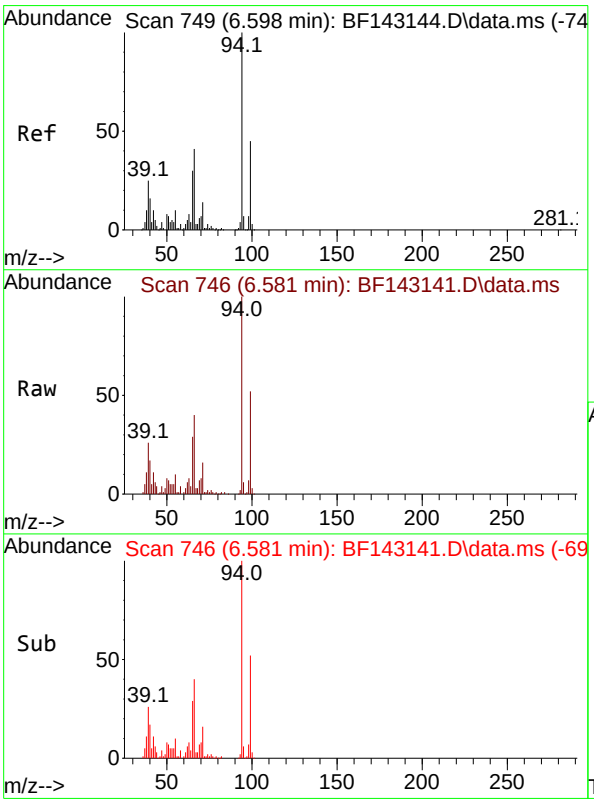
#9
Benzaldehyde
Concen: 5.294 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 41029

Ion	Ratio	Lower	Upper
77	100		
105	93.5	76.8	116.8
106	91.7	74.4	114.4

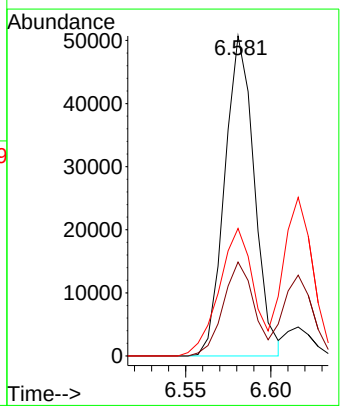


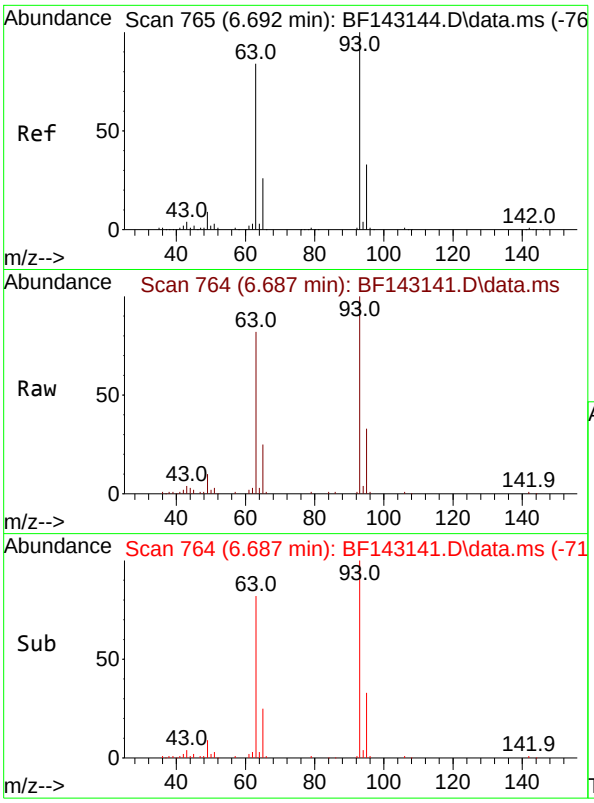


#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 94 Resp: 61148

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	39.8	20.8	60.8



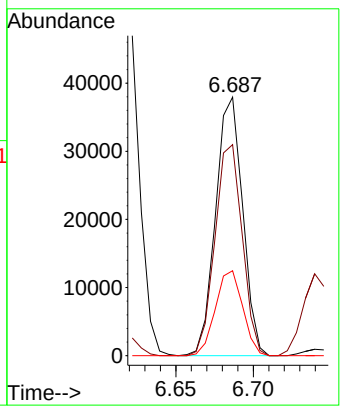


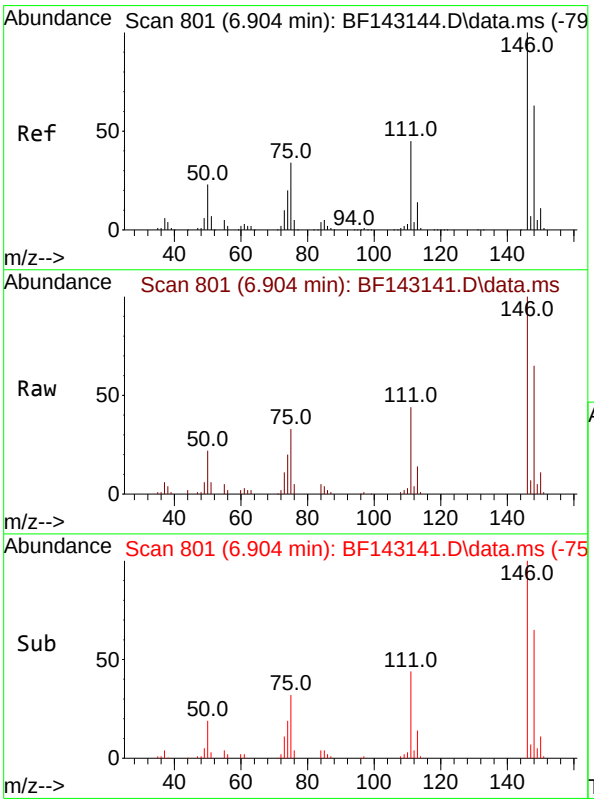
#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 46083

Ion	Ratio	Lower	Upper
93	100		
63	81.6	63.4	103.4
95	32.9	12.4	52.4

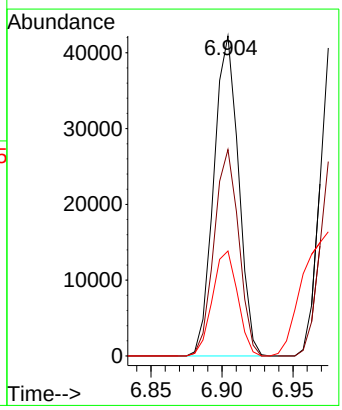


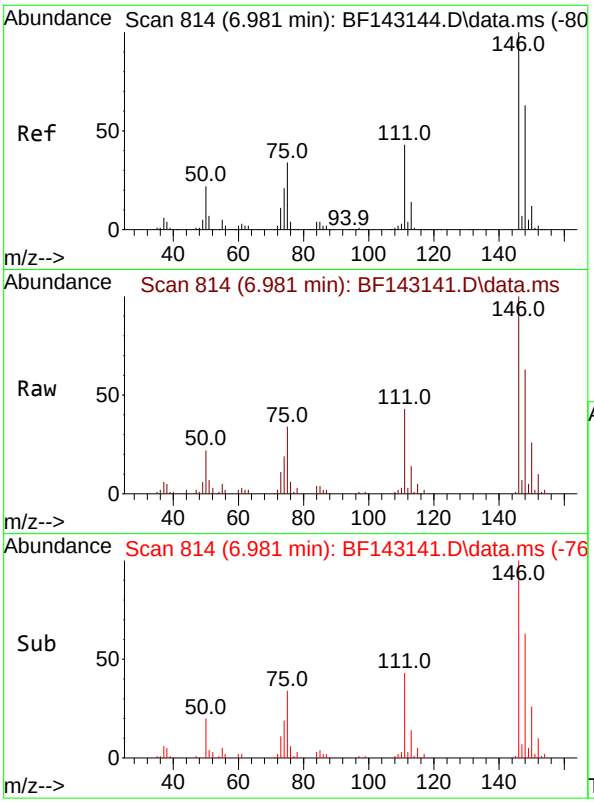


#12
1,3-Dichlorobenzene
Concen: 5.460 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 51056

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.8	27.4	41.2



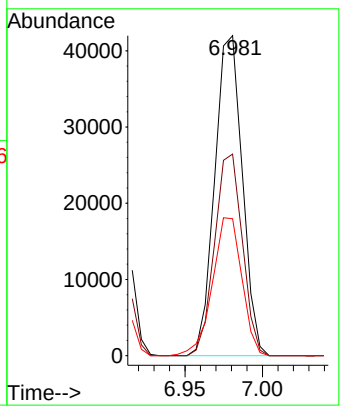


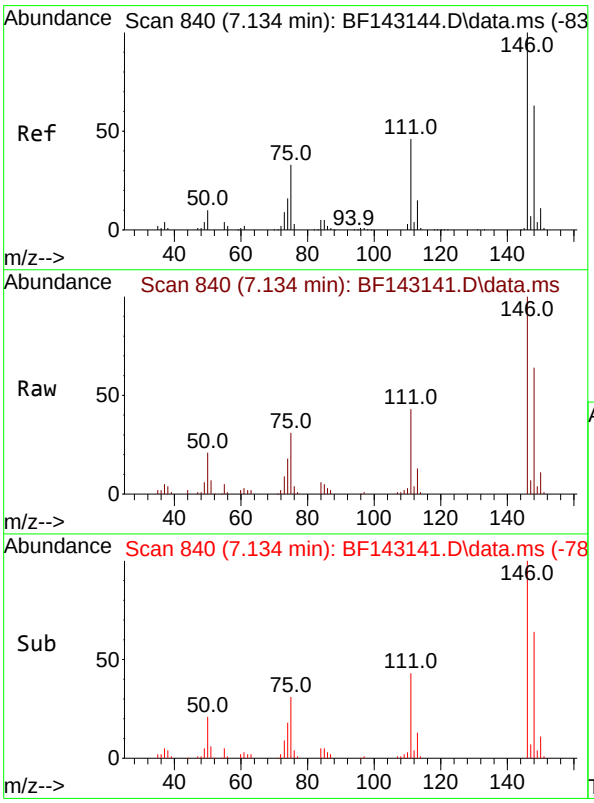
#13
1,4-Dichlorobenzene
Concen: 5.526 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 52031

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	42.8	34.4	51.6

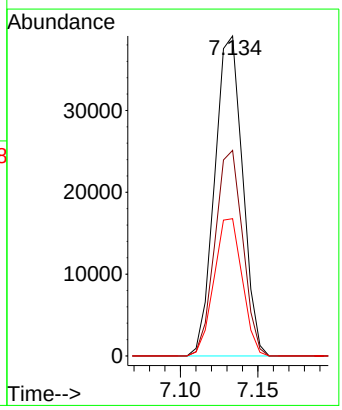


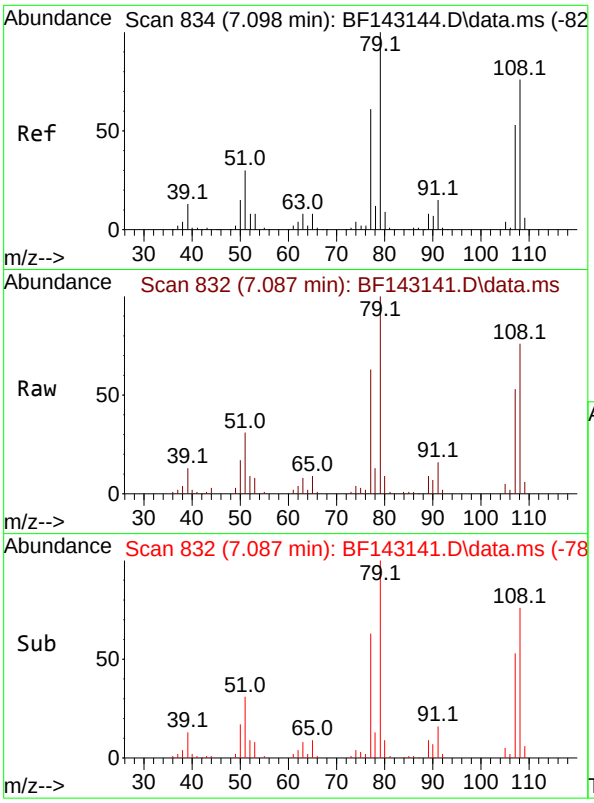


#14
1,2-Dichlorobenzene
Concen: 5.474 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 49028

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	42.9	36.6	54.8



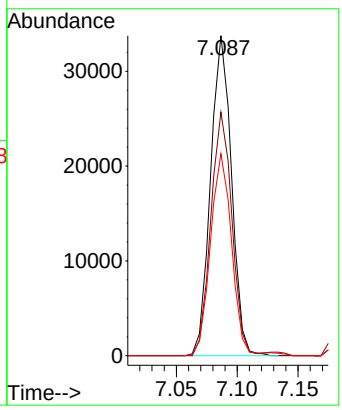


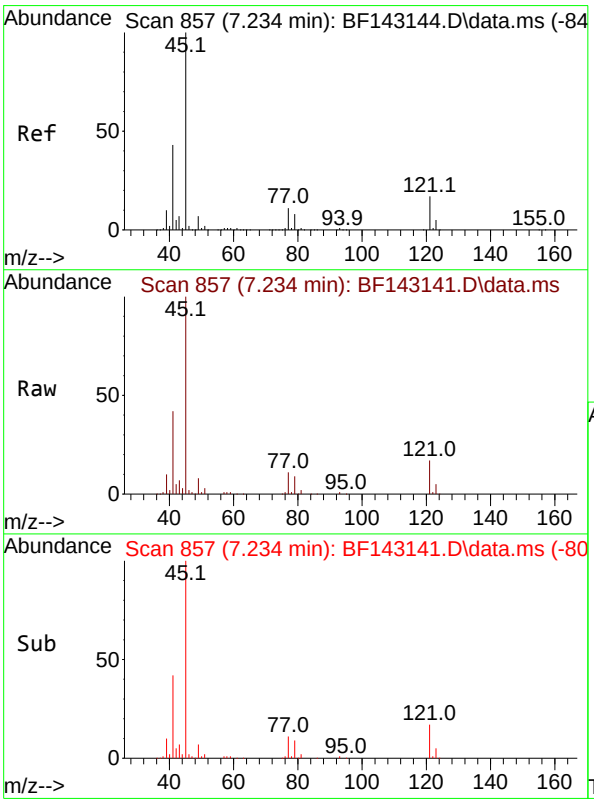
#15
Benzyl Alcohol
Concen: 5.106 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 40295

Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.1	91.7
77	63.1	48.9	73.3

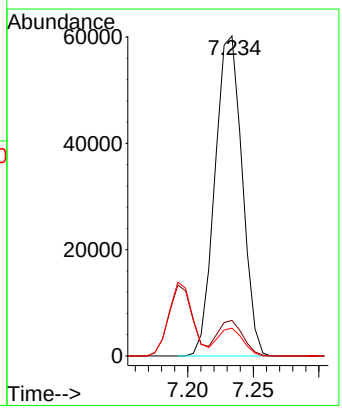


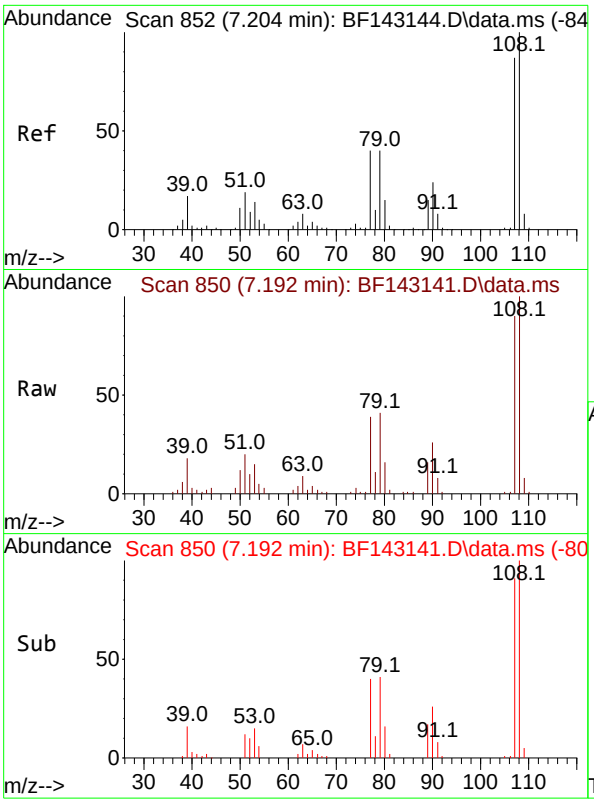


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 45 Resp: 86727

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.7	0.0	28.5



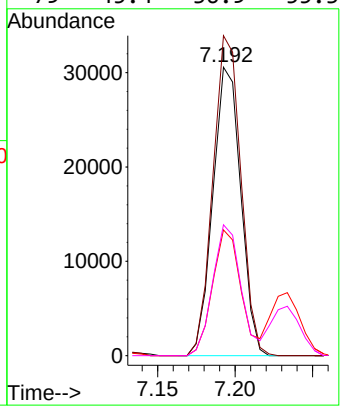


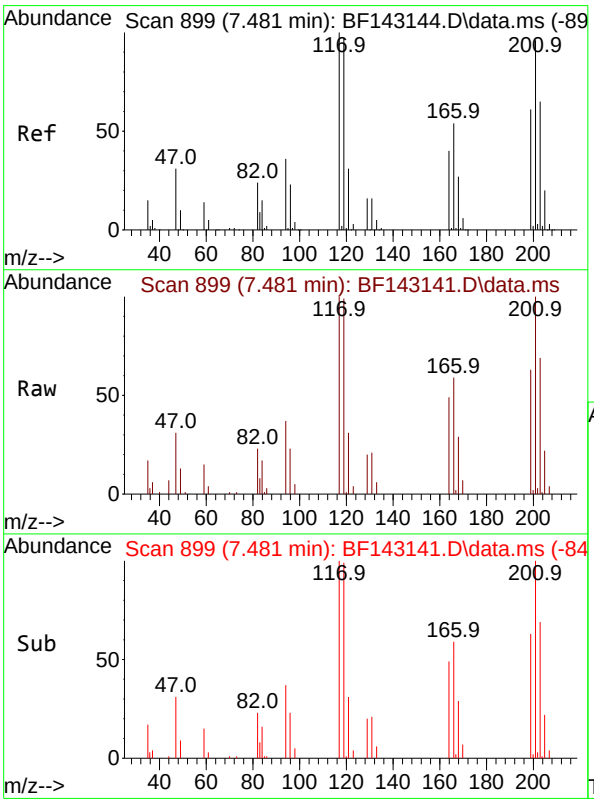
#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 38278

Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.8	137.6
77	43.6	37.0	55.6
79	45.4	36.9	55.3

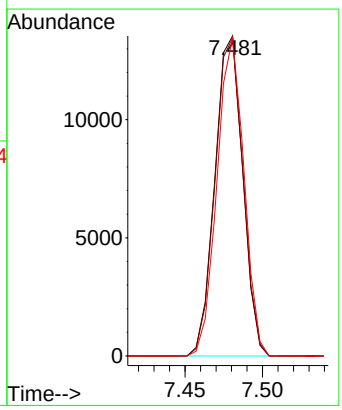


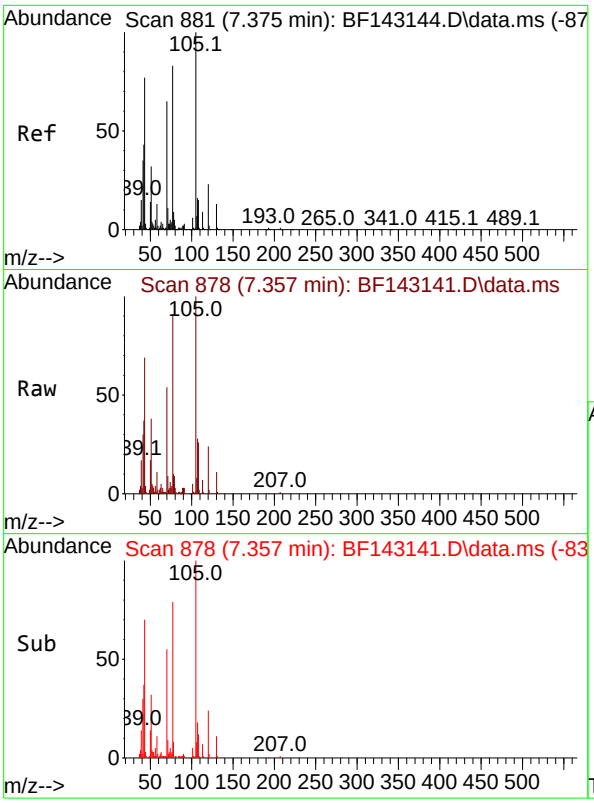


#18
Hexachloroethane
Concen: 5.198 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:117 Resp: 16944

Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.8	116.8
201	99.6	77.0	115.4



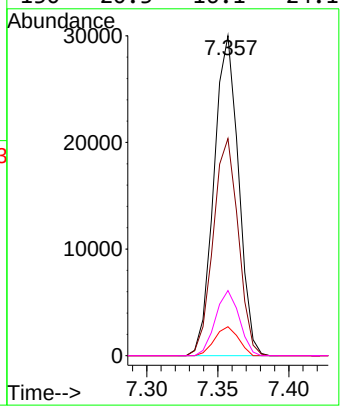


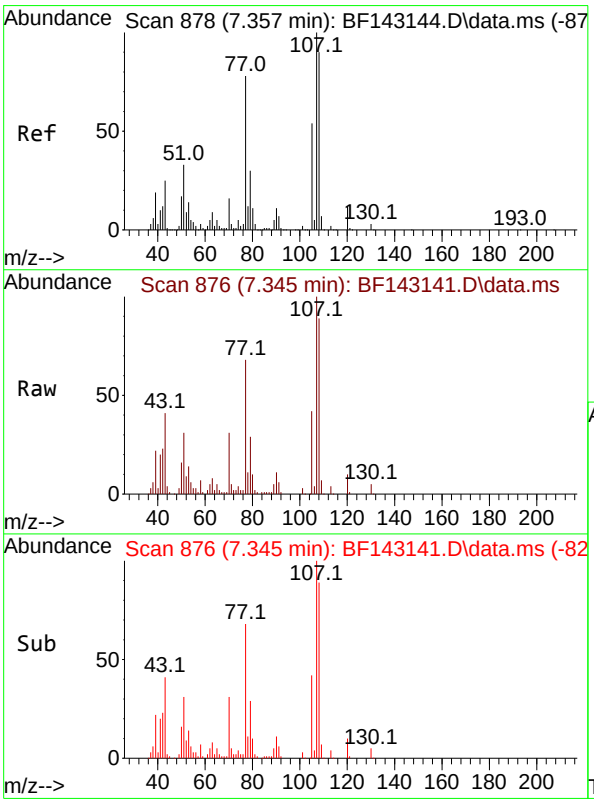
#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 36103

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.0	7.6	11.4
130	20.3	16.1	24.1

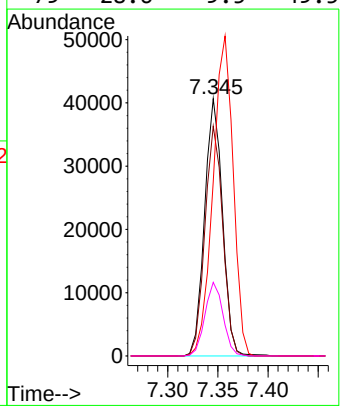


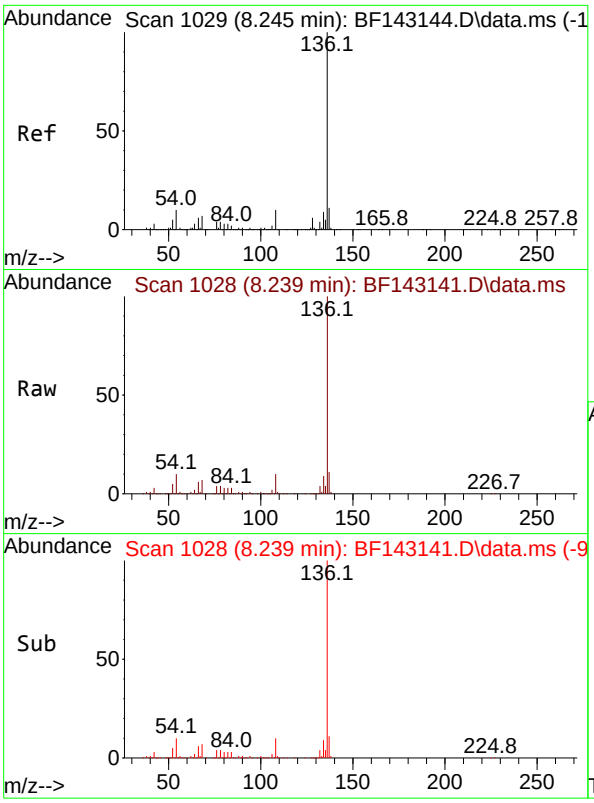


#20
3+4-Methylphenols
Concen: 5.763 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 50606

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	67.7	57.8	97.8
79	28.6	9.5	49.5



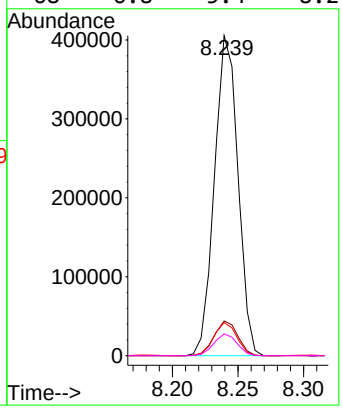


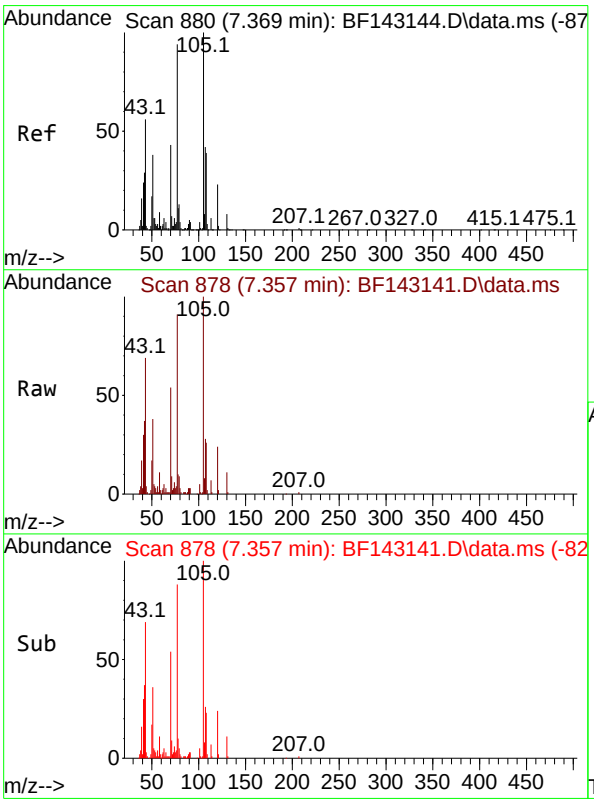
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 504796

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.2	12.2
68	6.8	5.4	8.2

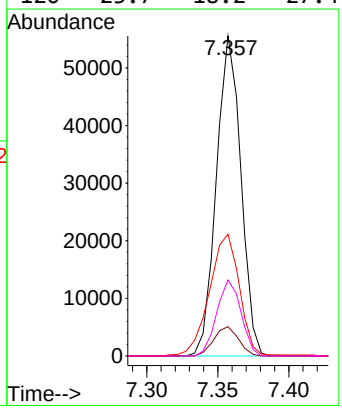


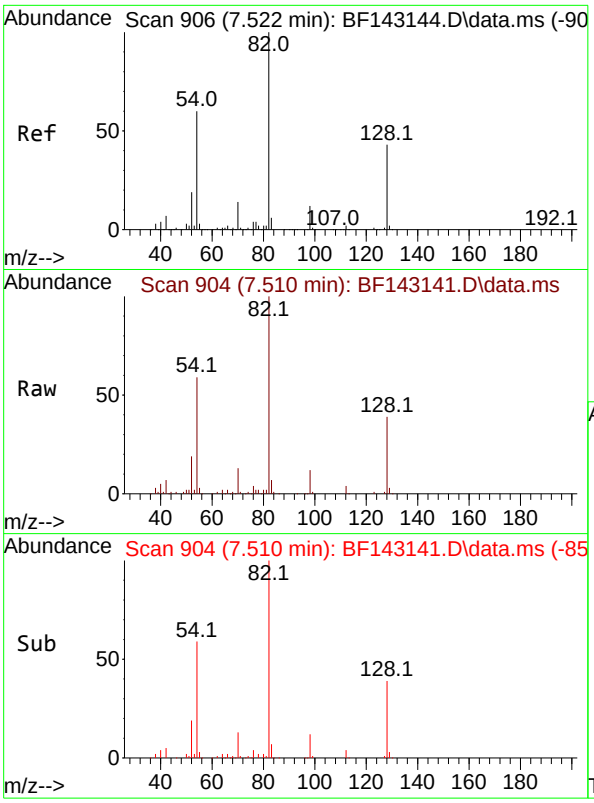


#22
Acetophenone
Concen: 5.569 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:105 Resp: 66559

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	38.1	30.2	45.2
120	23.7	18.2	27.4



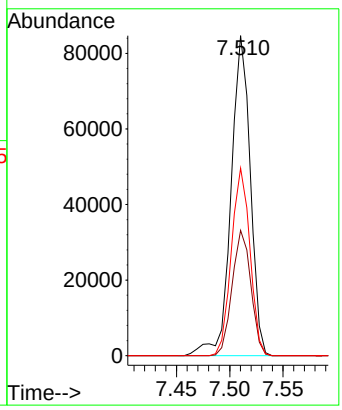


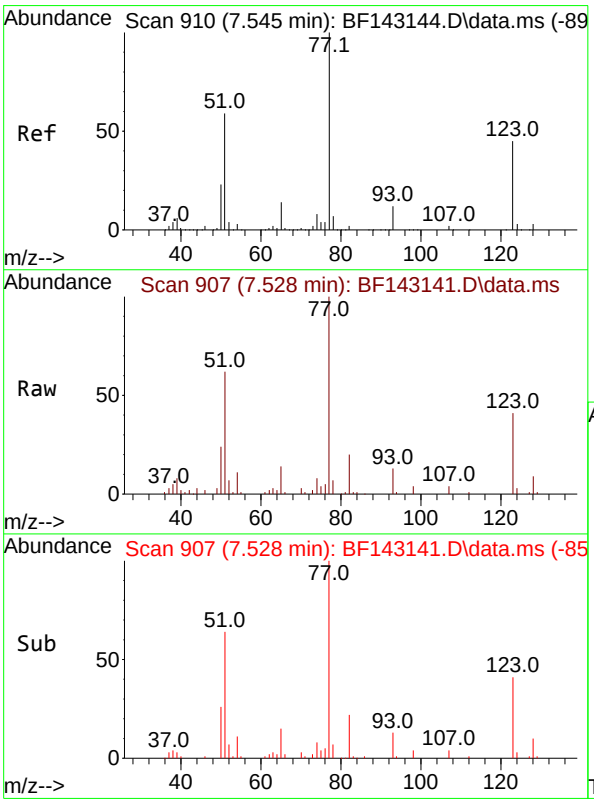
#23
Nitrobenzene-d5
Concen: 10.533 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 106670

Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.6	50.4
54	58.6	47.1	70.7

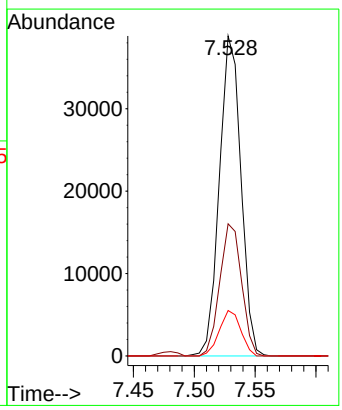


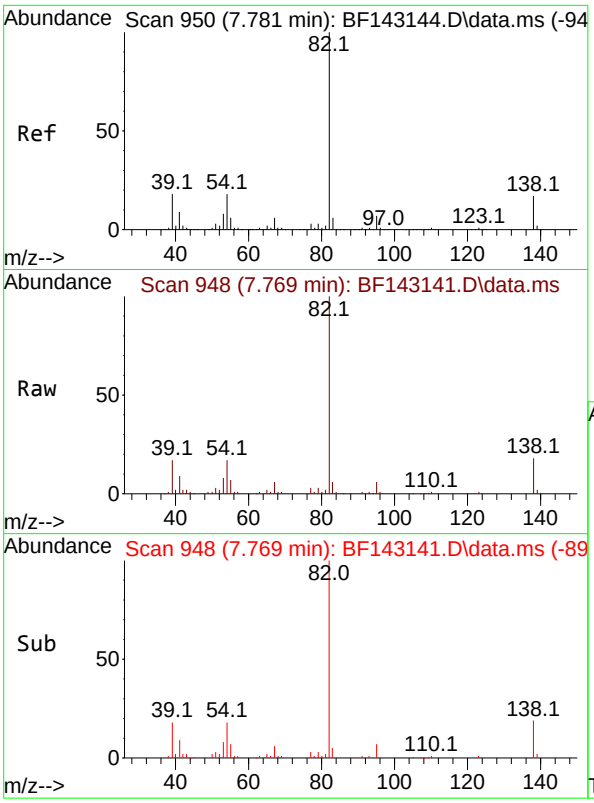


#24
Nitrobenzene
Concen: 5.074 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 47902

Ion	Ratio	Lower	Upper
77	100		
123	41.3	36.1	54.1
65	14.2	11.4	17.2



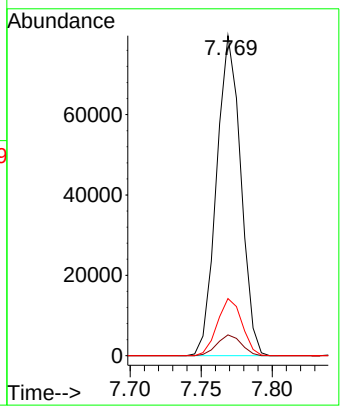


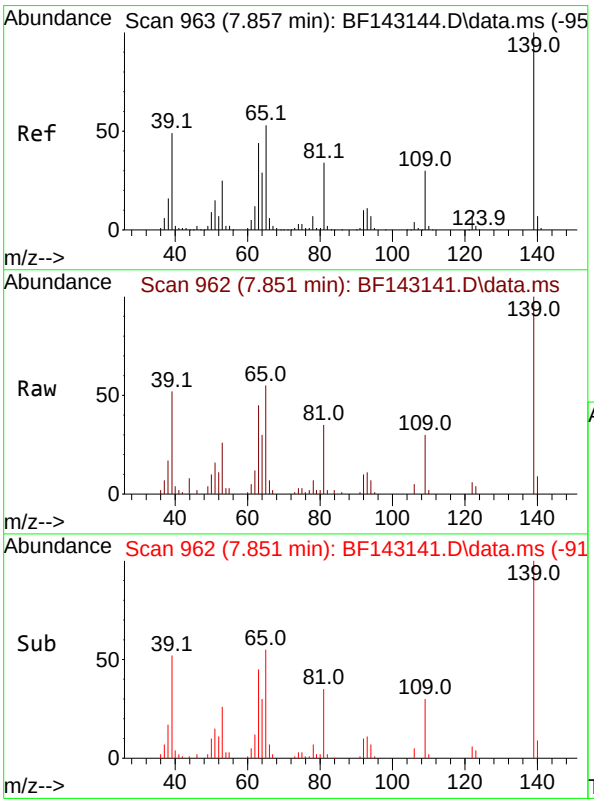
#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 94372

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.5	8.3
138	17.8	13.8	20.8

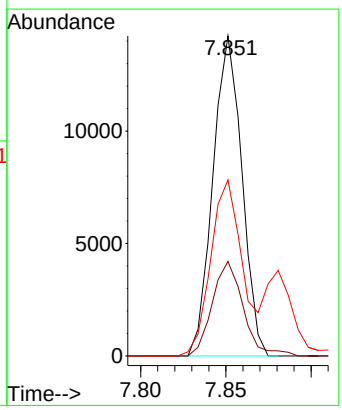


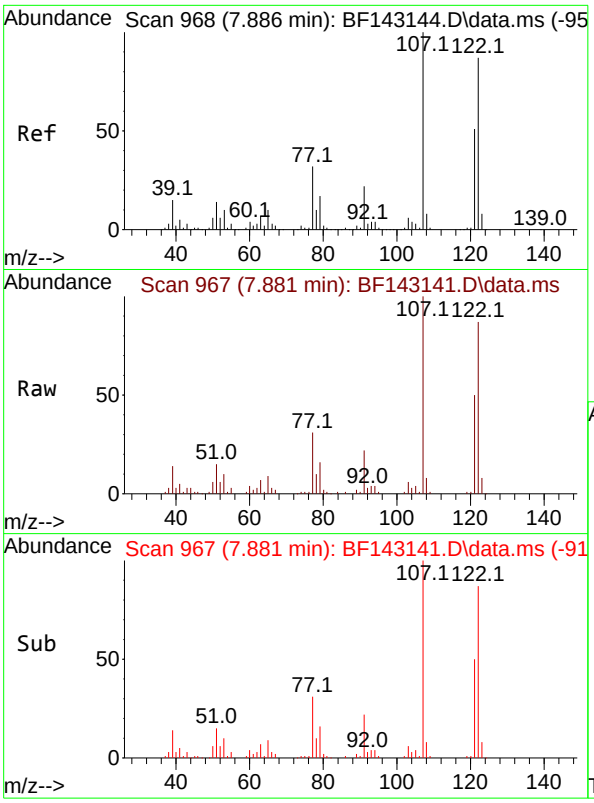


#26
2-Nitrophenol
Concen: 4.107 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 16827

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	55.0	42.6	64.0



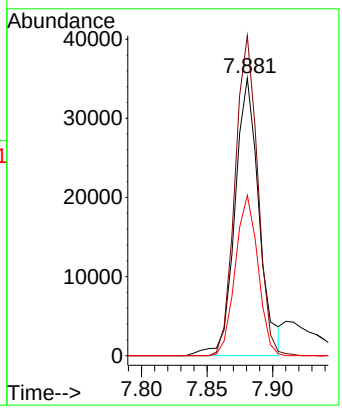


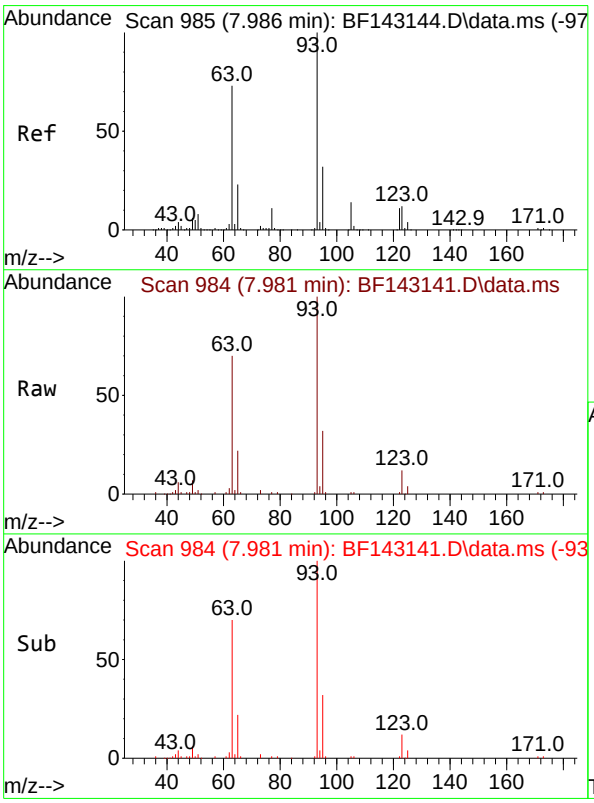
#27
2,4-Dimethylphenol
Concen: 5.382 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 44954

Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	57.8	46.3	69.5

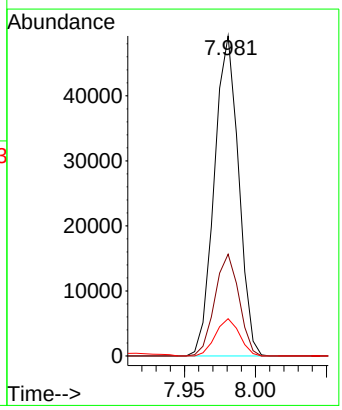


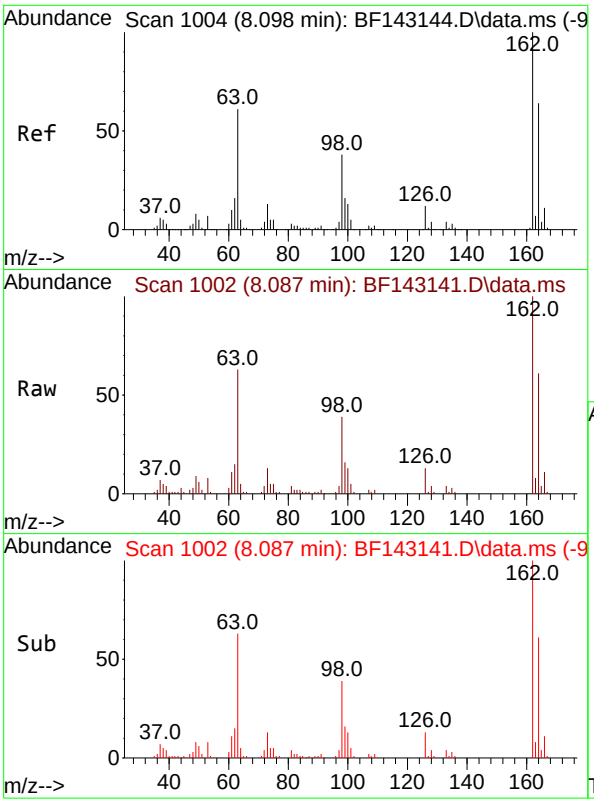


#28
bis(2-Chloroethoxy)methane
Concen: 5.455 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 58465

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.7	9.7	14.5



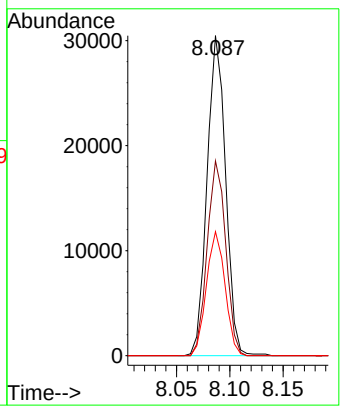


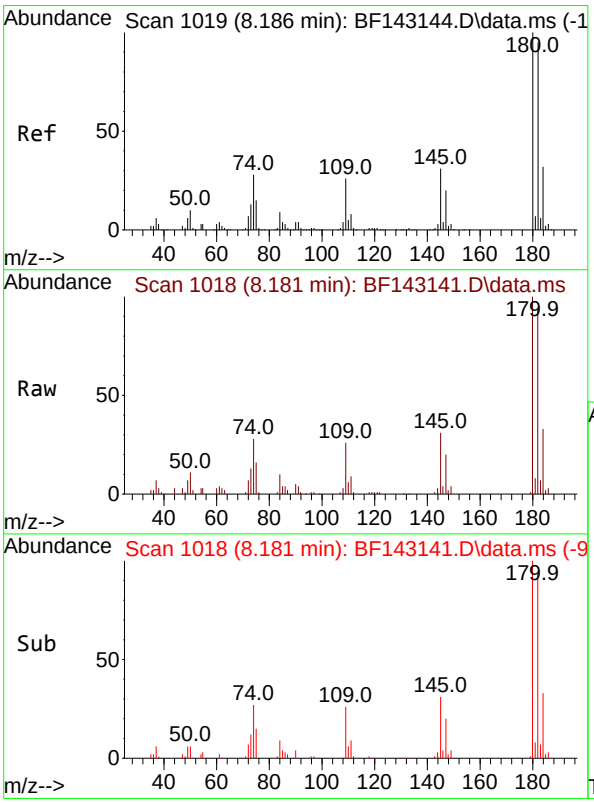
#29
2,4-Dichlorophenol
Concen: 5.236 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 36884

Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.2	84.2
98	38.7	17.9	57.9

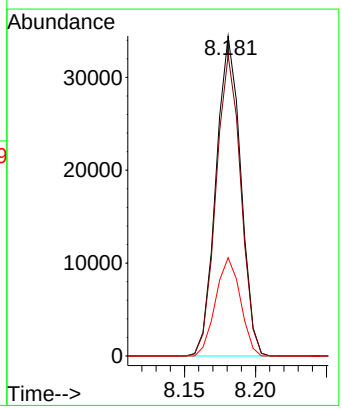


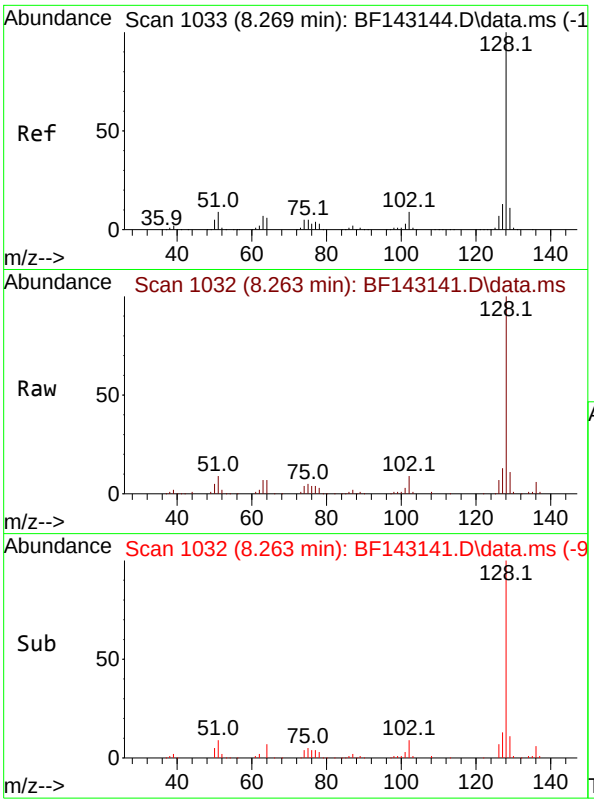


#30
1,2,4-Trichlorobenzene
Concen: 5.460 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:180 Resp: 41552

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	30.7	25.0	37.6



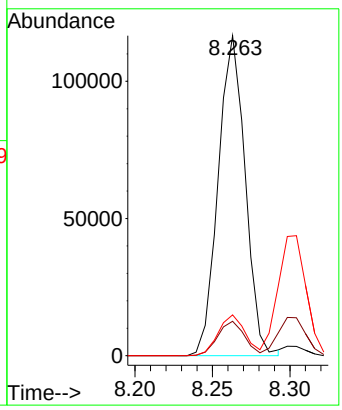


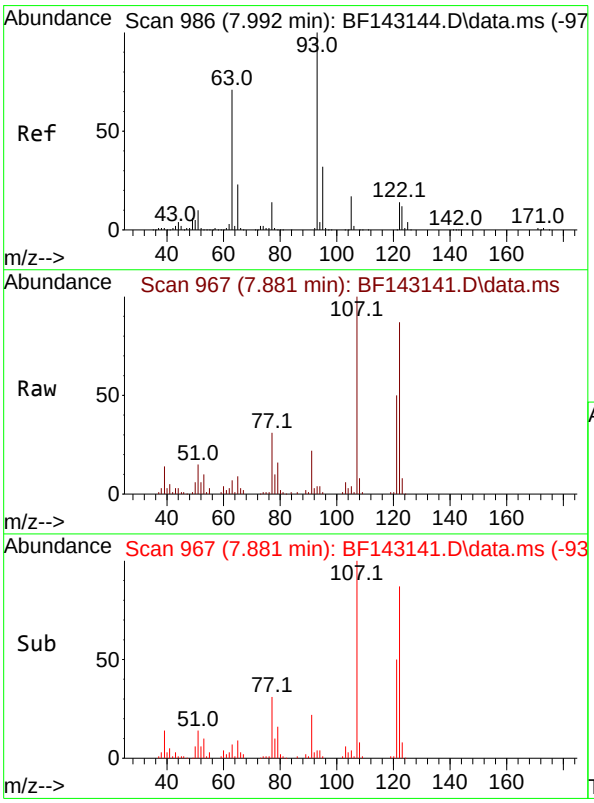
#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 141099

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.7	10.6	16.0

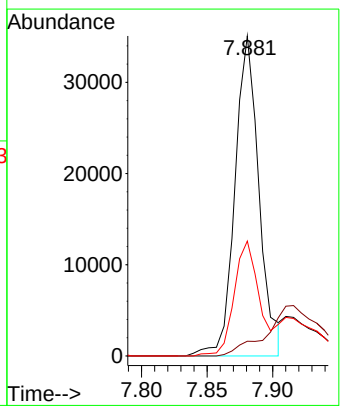


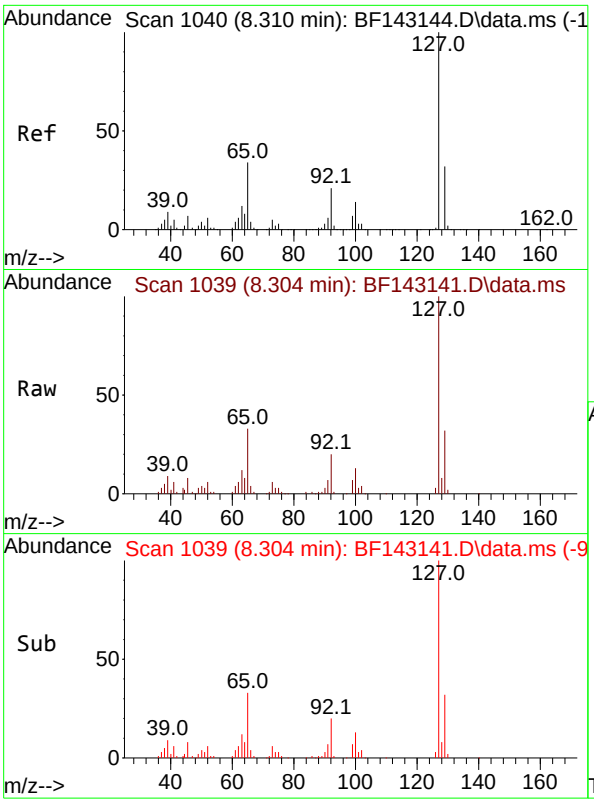


#32
Benzoic acid
Concen: 13.661 ng
RT: 7.881 min Scan# 967
Delta R.T. -0.111 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:122 Resp: 44954

Ion	Ratio	Lower	Upper
122	100		
105	4.6	104.8	144.8#
77	35.9	77.6	117.6#



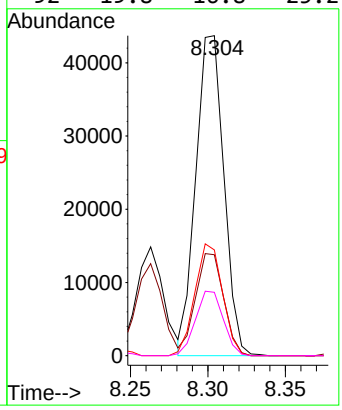


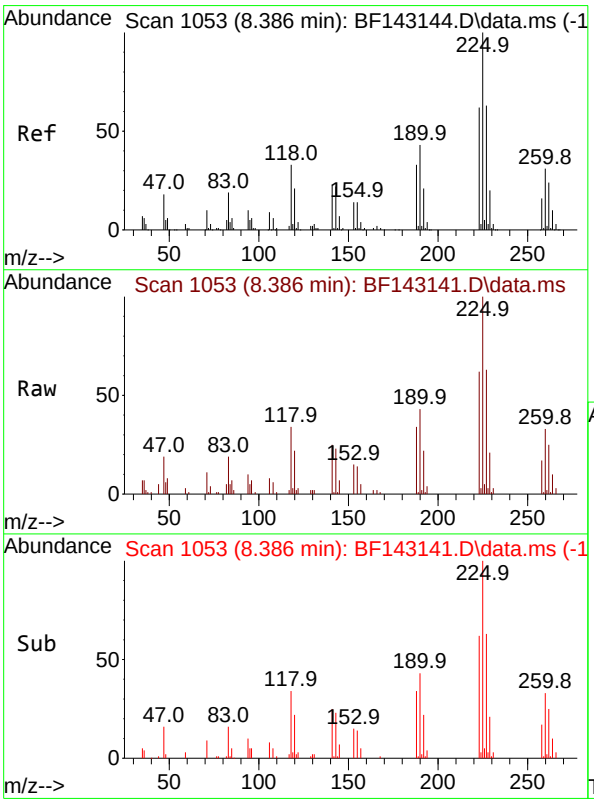
#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 55130

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.0	39.0
65	33.0	27.4	41.2
92	19.8	16.8	25.2

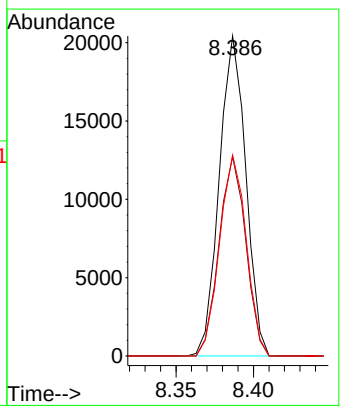


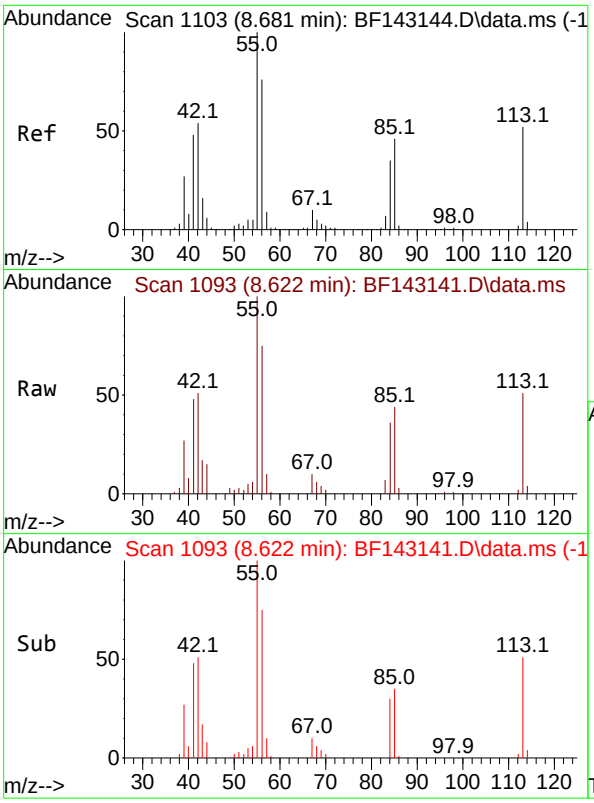


#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:225 Resp: 24322

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	62.8	50.2	75.4



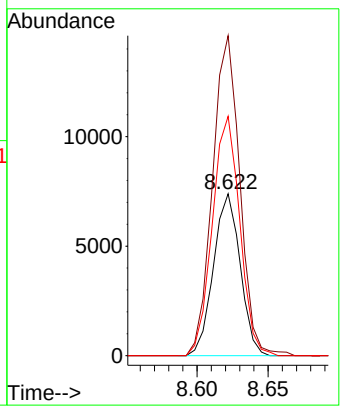


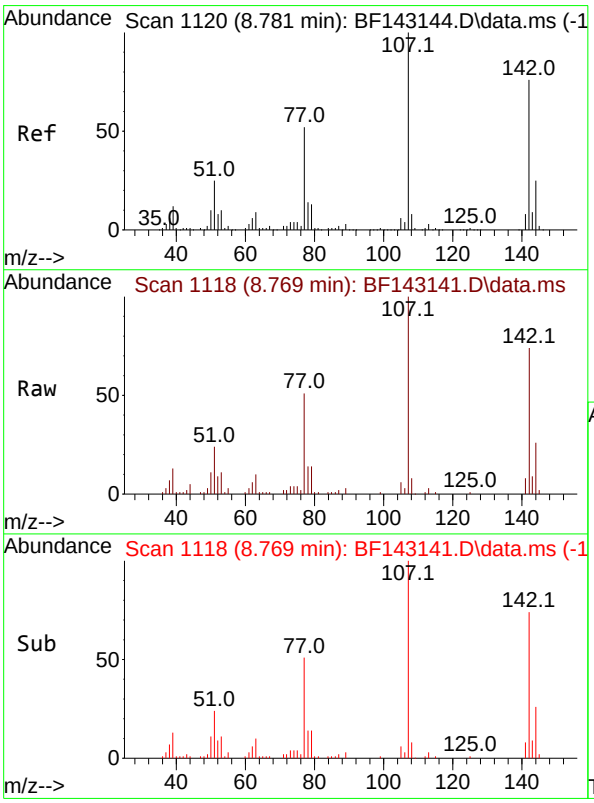
#35
Caprolactam
Concen: 4.532 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 9647

Ion	Ratio	Lower	Upper
113	100		
55	197.6	174.0	214.0
56	147.8	126.6	166.6

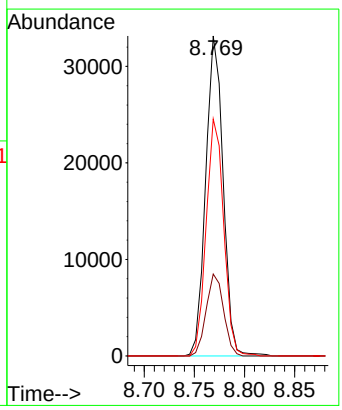


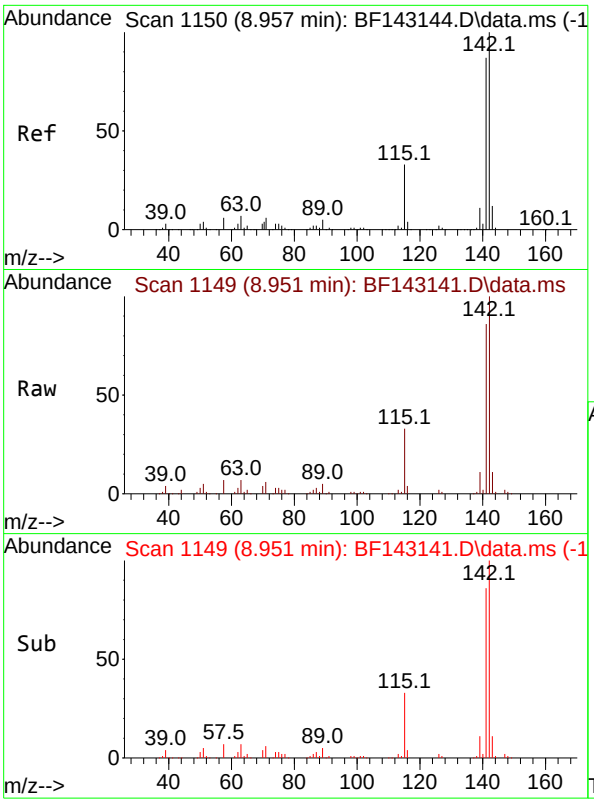


#36
4-Chloro-3-methylphenol
Concen: 5.251 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 40203

Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.6
142	74.1	60.6	90.8



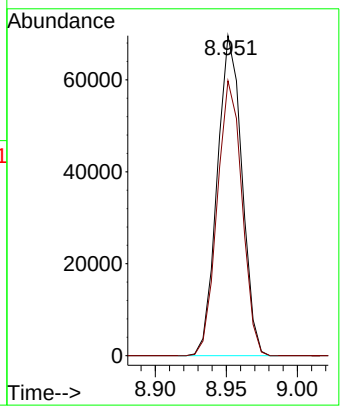


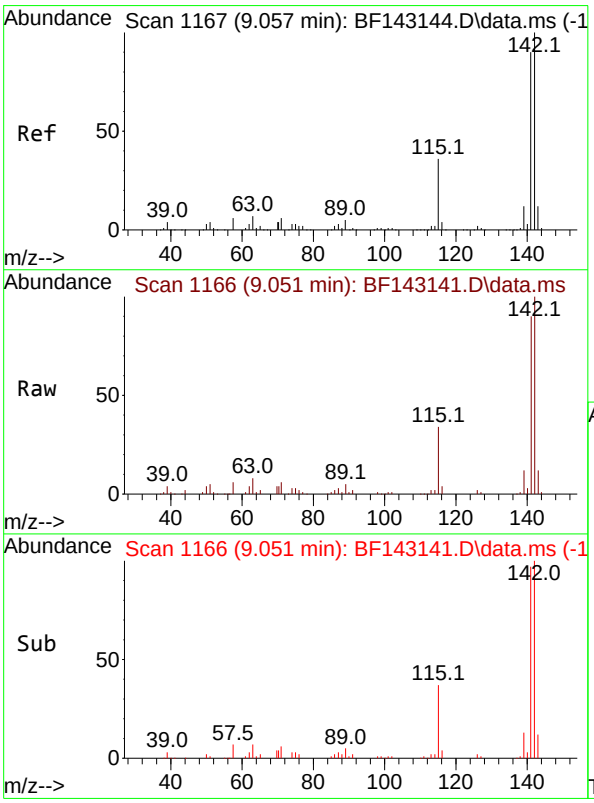
#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 84234

Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.9	104.9

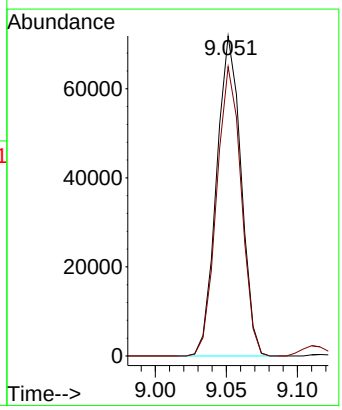


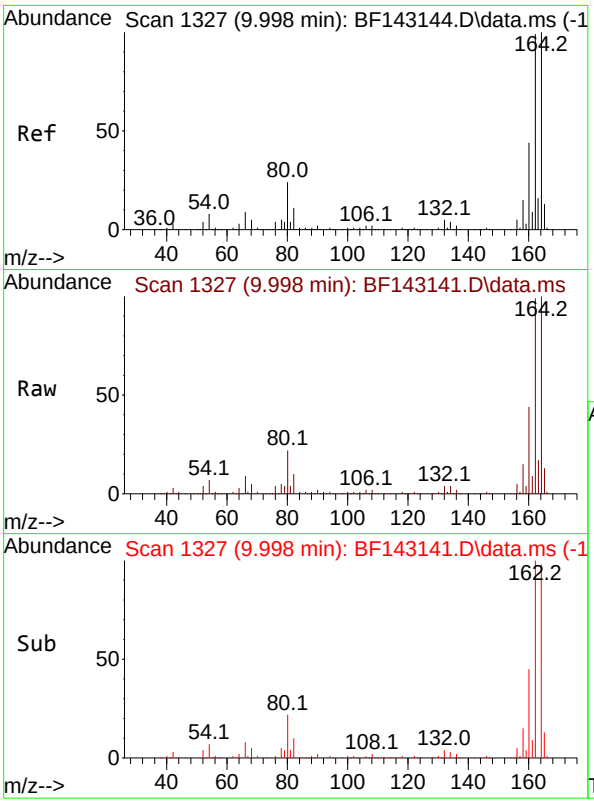


#38
1-Methylnaphthalene
Concen: 5.529 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 86130

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5



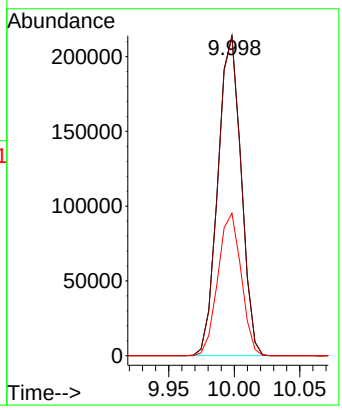


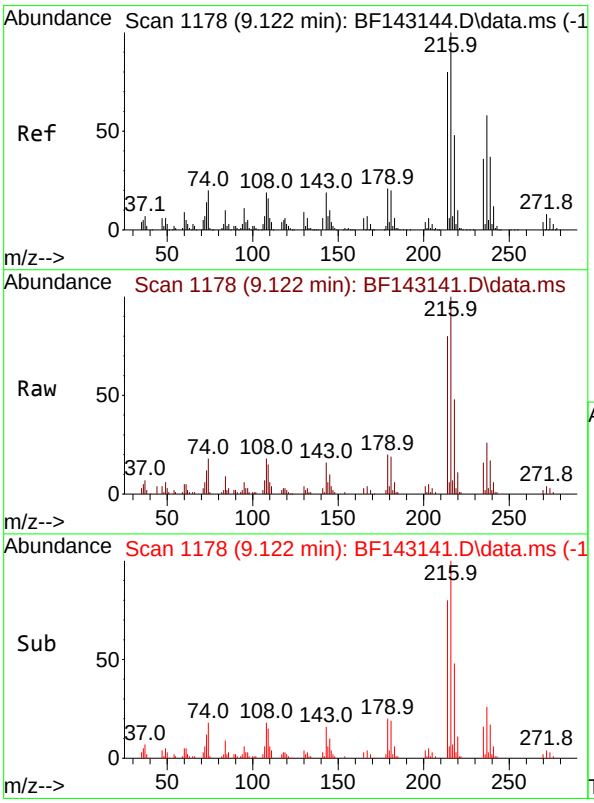
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 263409

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.0	118.6
160	44.5	35.1	52.7

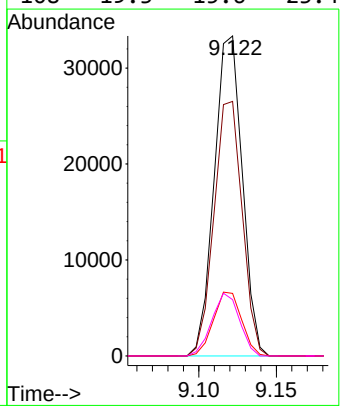


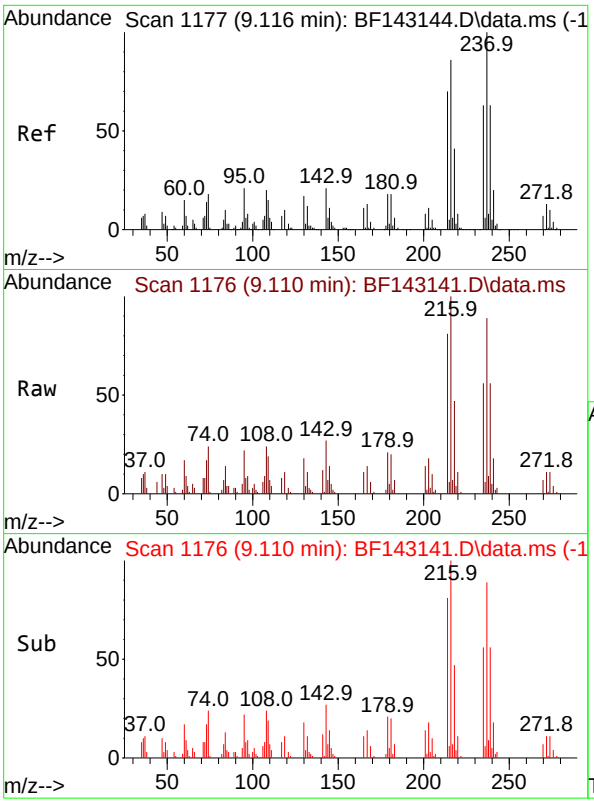


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.523 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.1	16.4	24.6
108	19.3	15.6	23.4



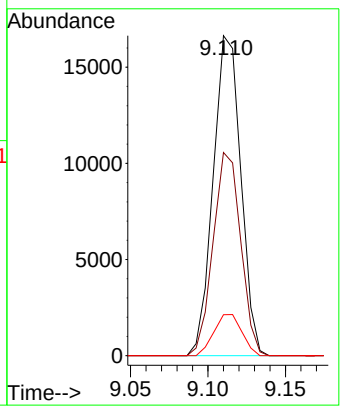


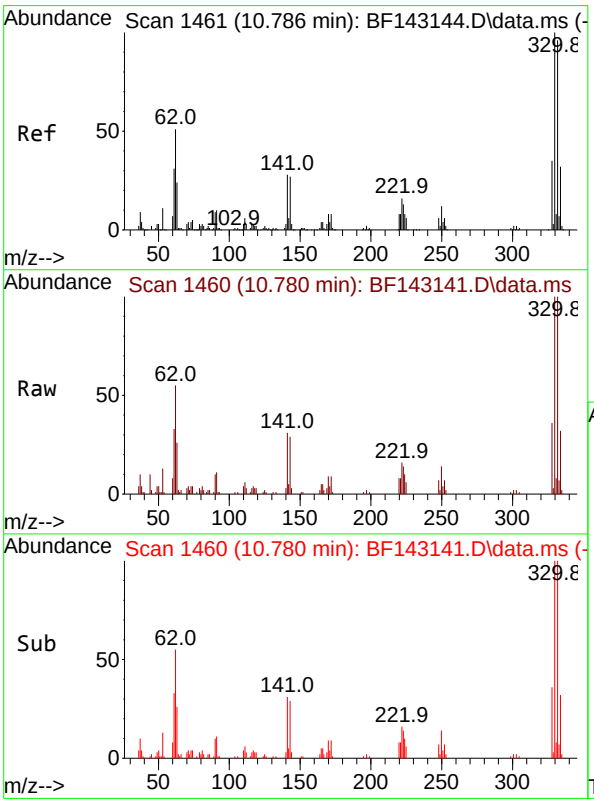
#41
Hexachlorocyclopentadiene
Concen: 4.177 ng
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 20668

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.0	83.0
272	12.8	0.0	33.3

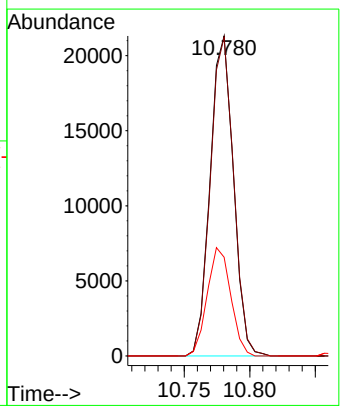


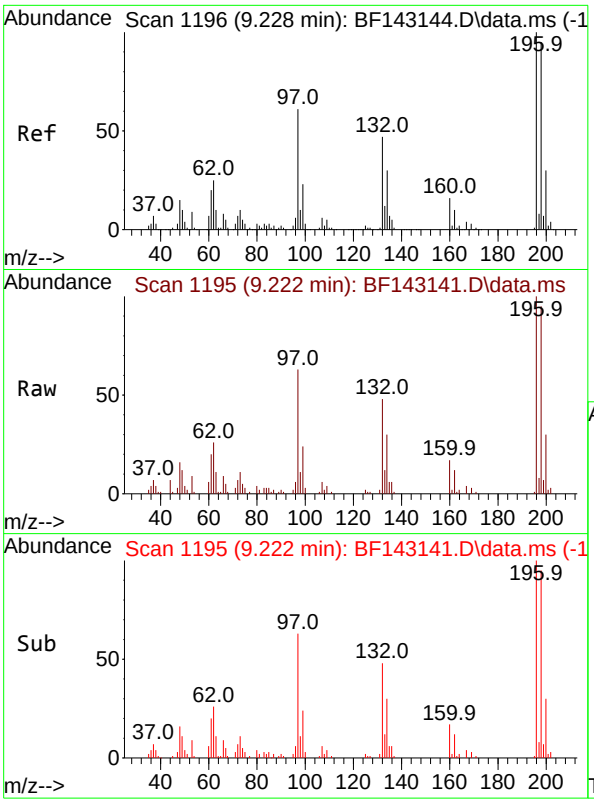


#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:330 Resp: 26288

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.7	115.1
141	34.3	23.3	34.9



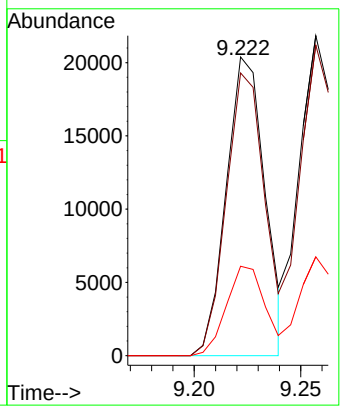


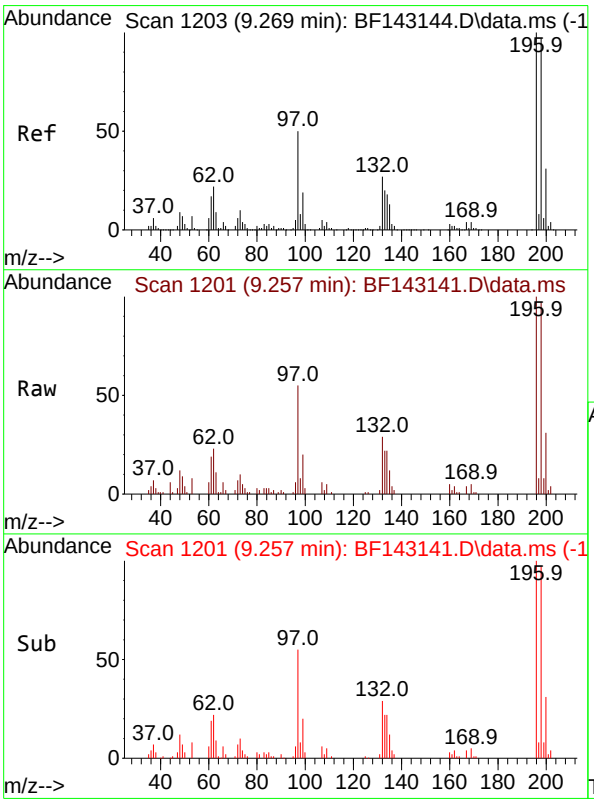
#43
2,4,6-Trichlorophenol
Concen: 4.889 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 25730

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
200	30.0	23.9	35.9

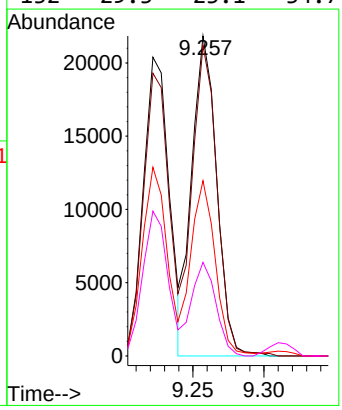


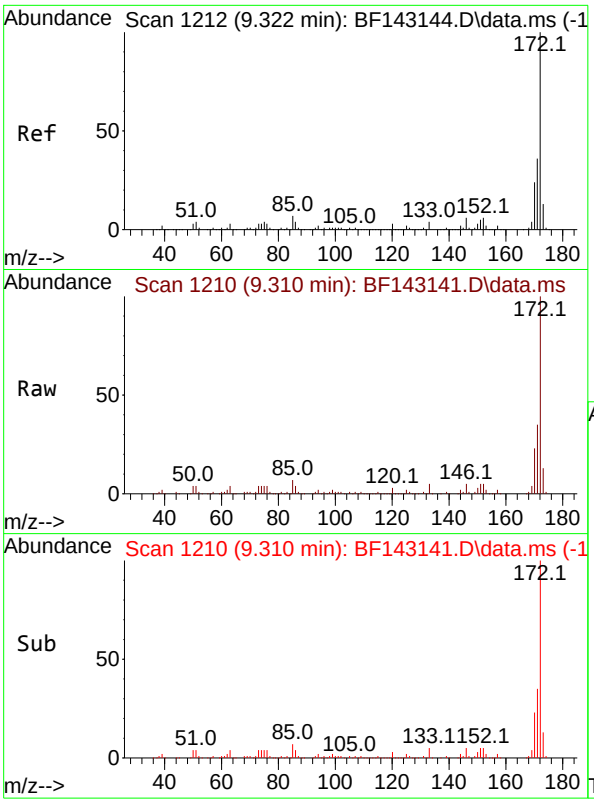


#44
2,4,5-Trichlorophenol
Concen: 5.057 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 26626

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.3	115.9
97	54.7	40.3	60.5
132	29.3	23.1	34.7



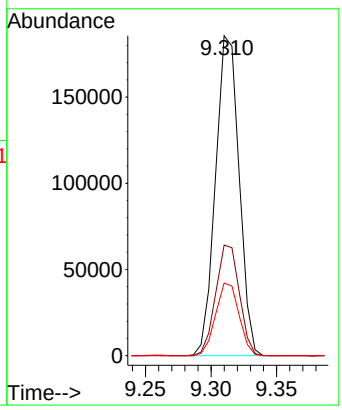


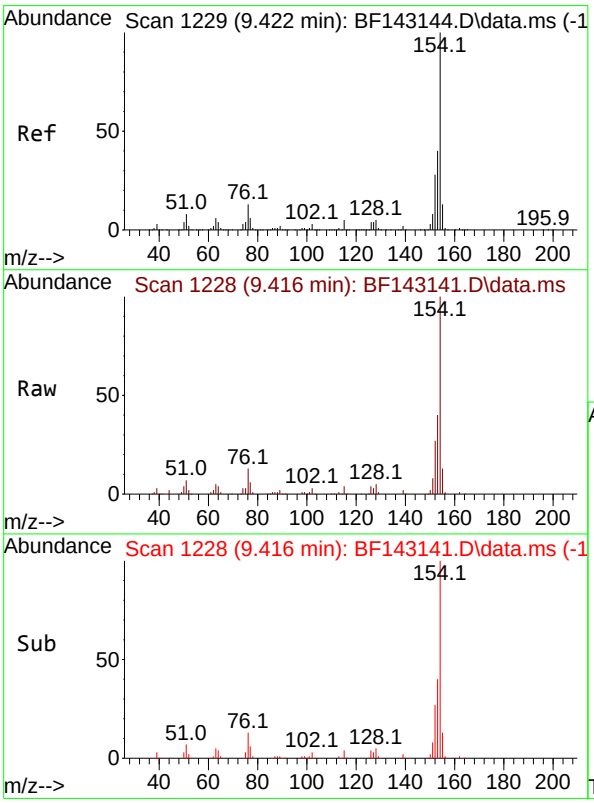
#45
2-Fluorobiphenyl
Concen: 12.043 ng
RT: 9.310 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 231962

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.7	18.8	28.2

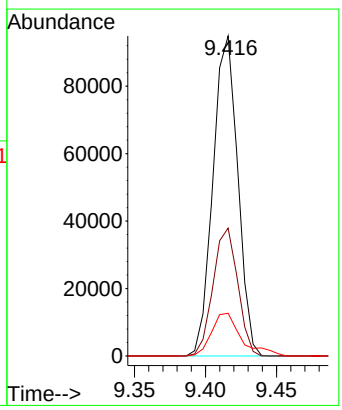


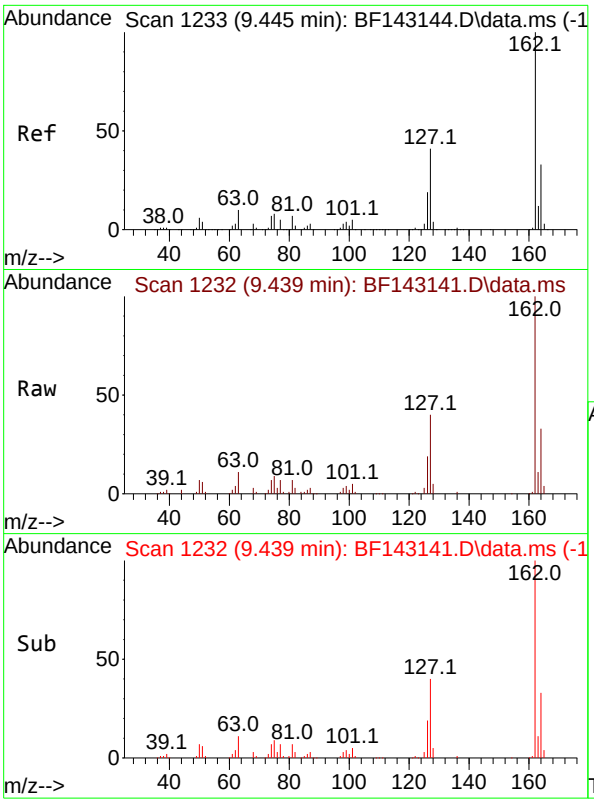


#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 115130

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	13.4	0.0	33.3



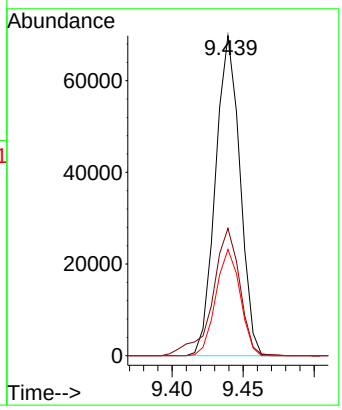


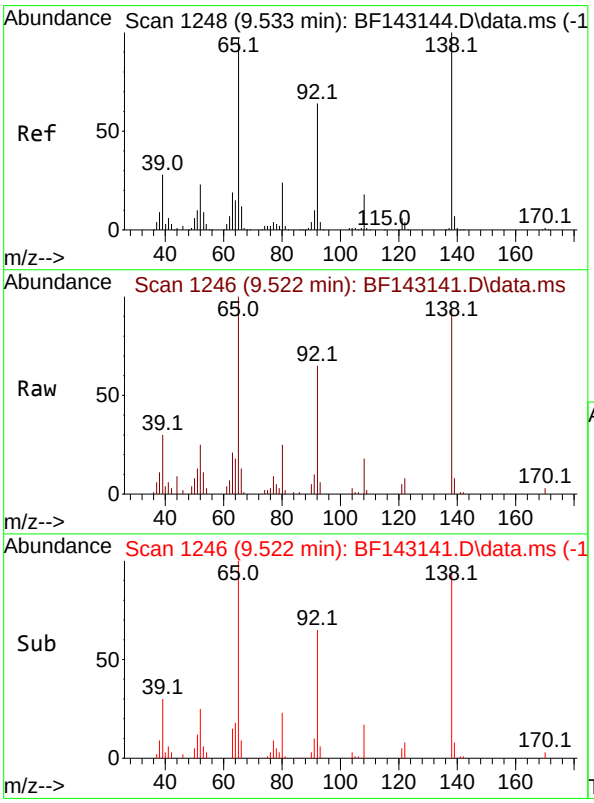
#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 83495

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.4	50.2
164	33.2	26.2	39.2

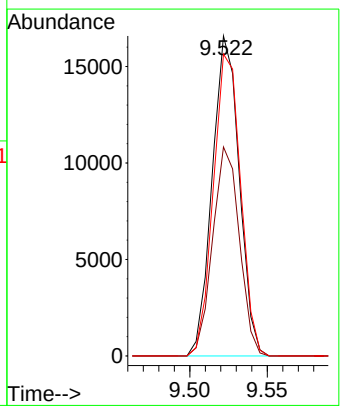


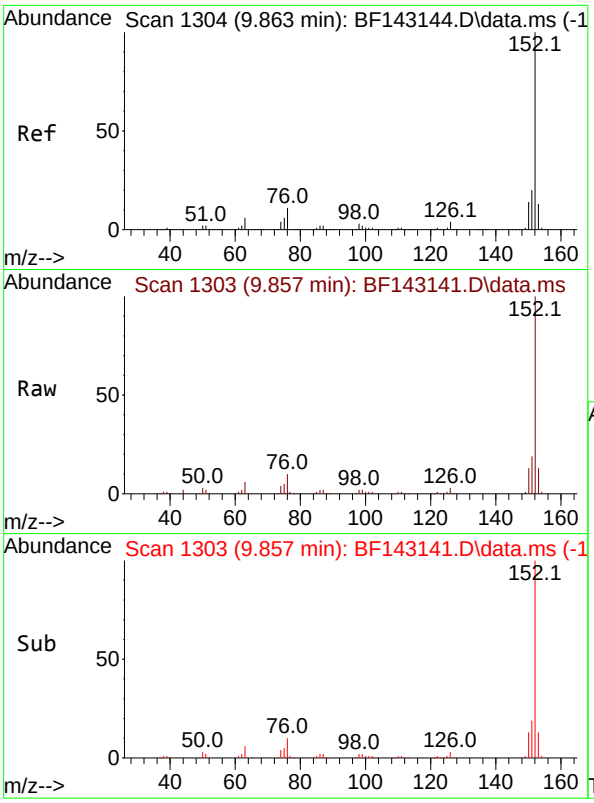


#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.522 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 65 Resp: 20076

Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.4	78.6
138	94.3	82.3	123.5



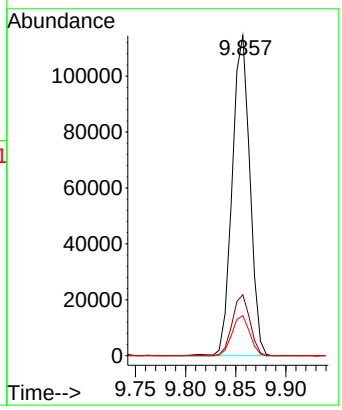


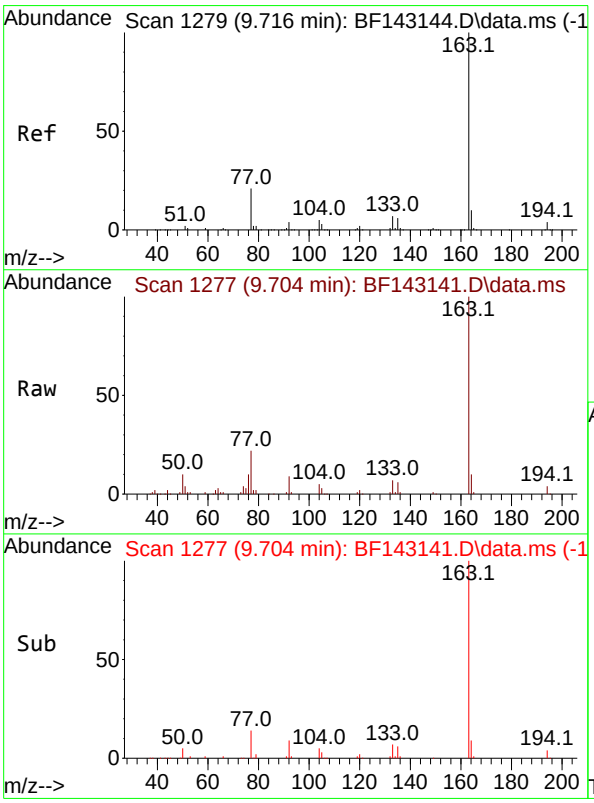
#49
Acenaphthylene
Concen: 5.514 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 140525

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	12.5	10.6	16.0

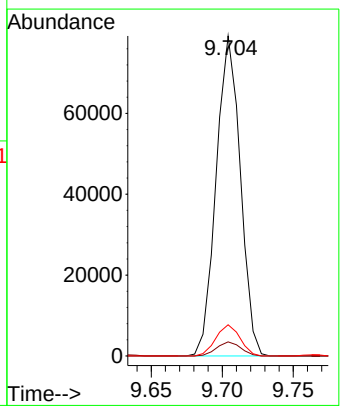


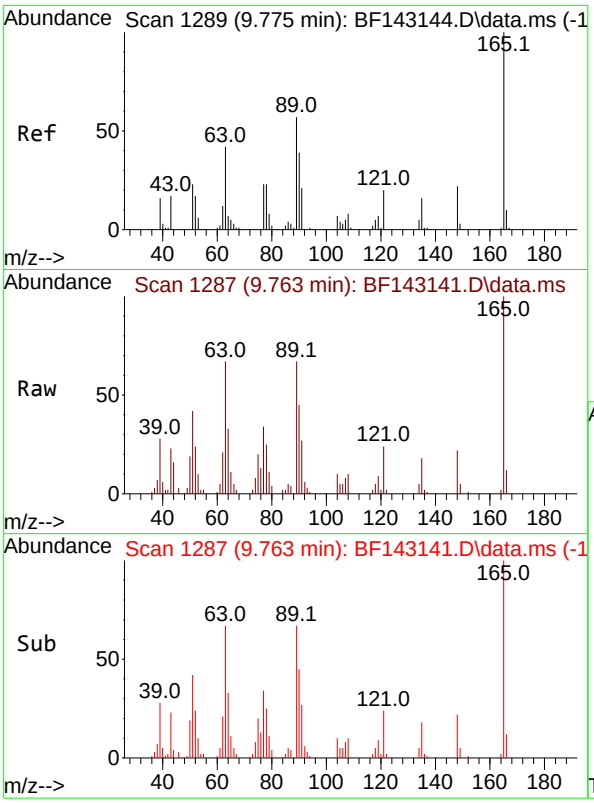


#50
Dimethylphthalate
Concen: 5.452 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:163 Resp: 93611

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	8.3	12.5



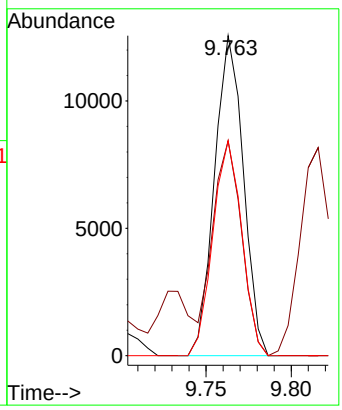


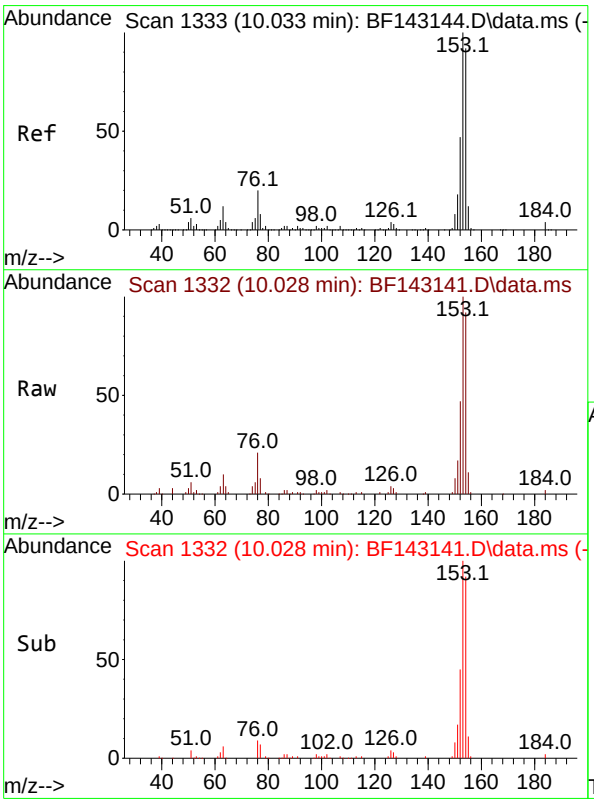
#51
2,6-Dinitrotoluene
Concen: 4.234 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 14787

Ion	Ratio	Lower	Upper
165	100		
63	67.1	49.4	74.2
89	67.2	46.2	69.2

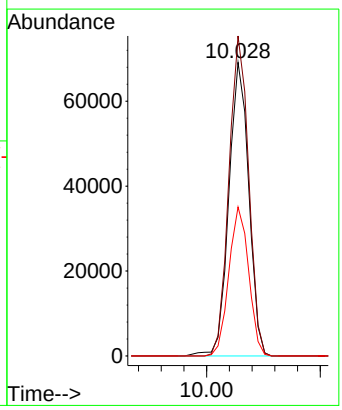


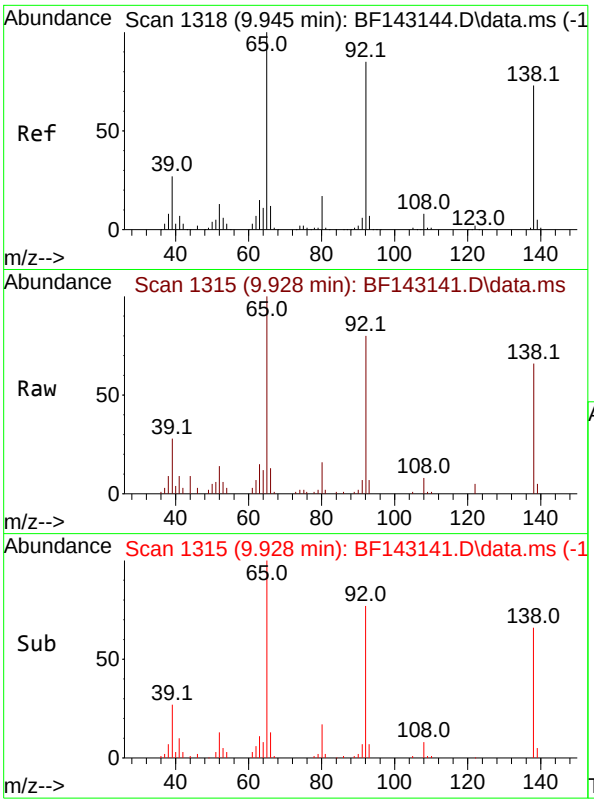


#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 84160

Ion	Ratio	Lower	Upper
154	100		
153	109.0	86.6	129.8
152	50.7	40.4	60.6



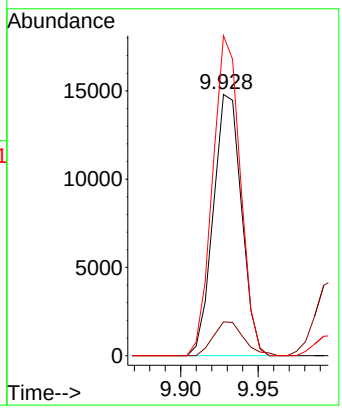


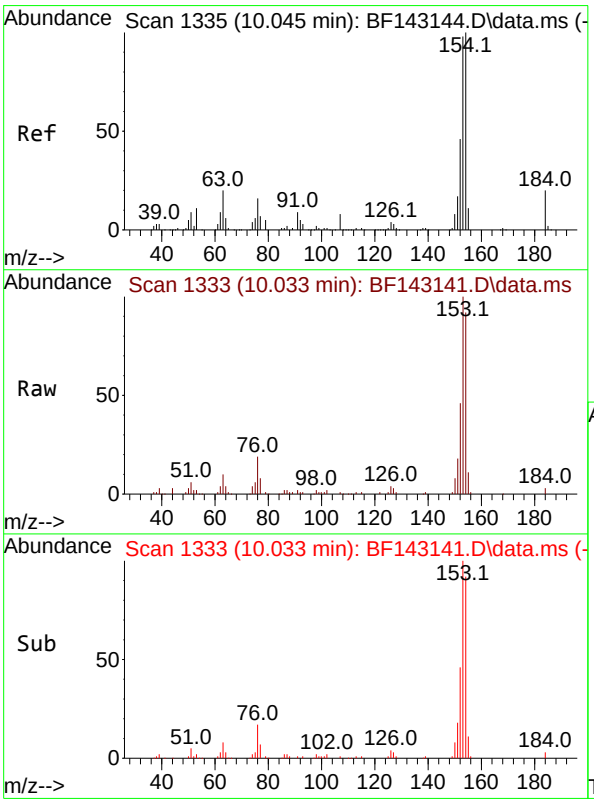
#53
3-Nitroaniline
Concen: 4.587 ng
RT: 9.928 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 18738

Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.0	13.6
92	122.5	93.0	139.4

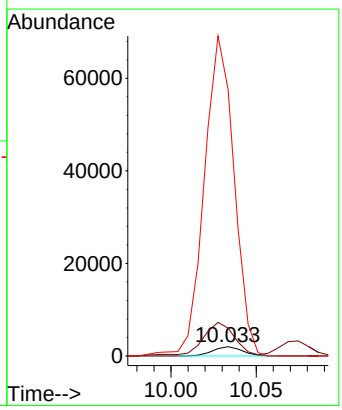


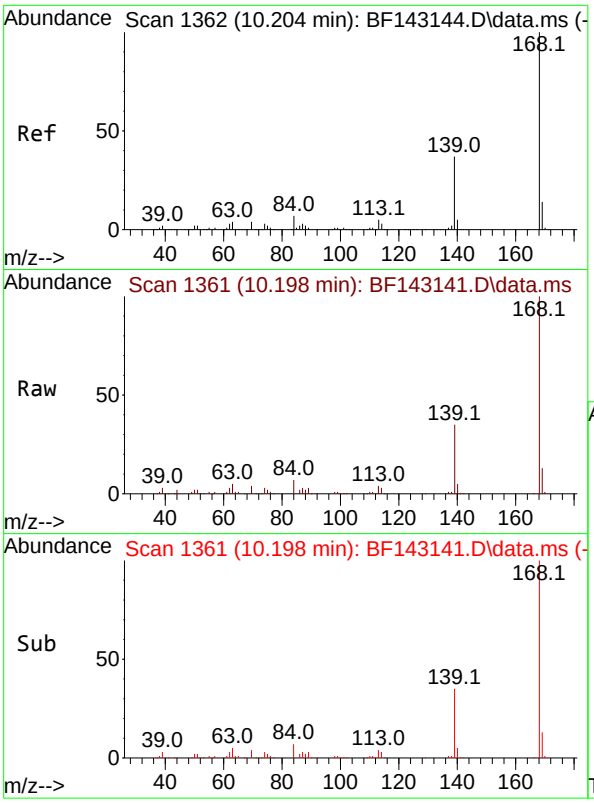


#54
2,4-Dinitrophenol
Concen: 8.047 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:184 Resp: 2389

Ion	Ratio	Lower	Upper
184	100		
63	298.3	81.8	122.6#
154	2856.8	412.2	618.4#



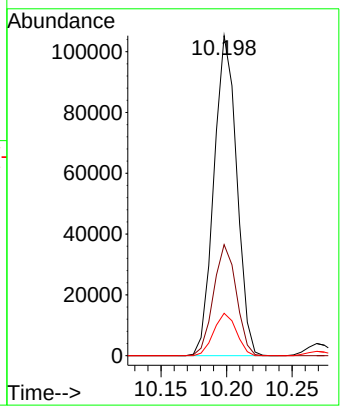


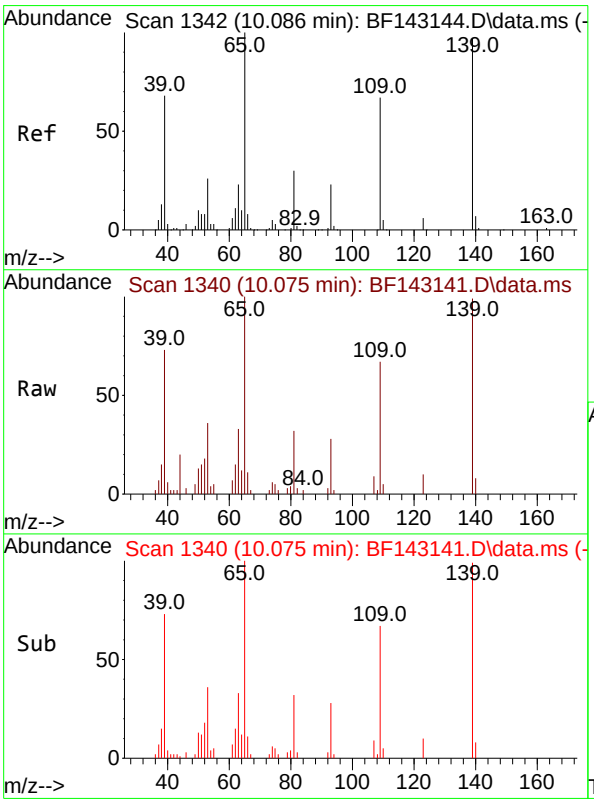
#55
Dibenzofuran
Concen: 5.681 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 127035

Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.5	44.3
169	13.3	10.9	16.3

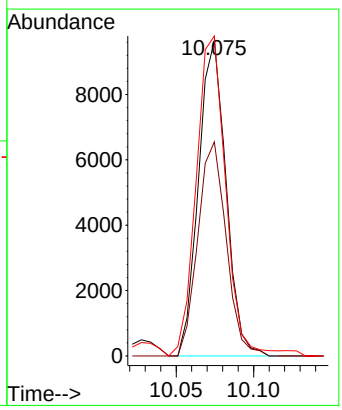


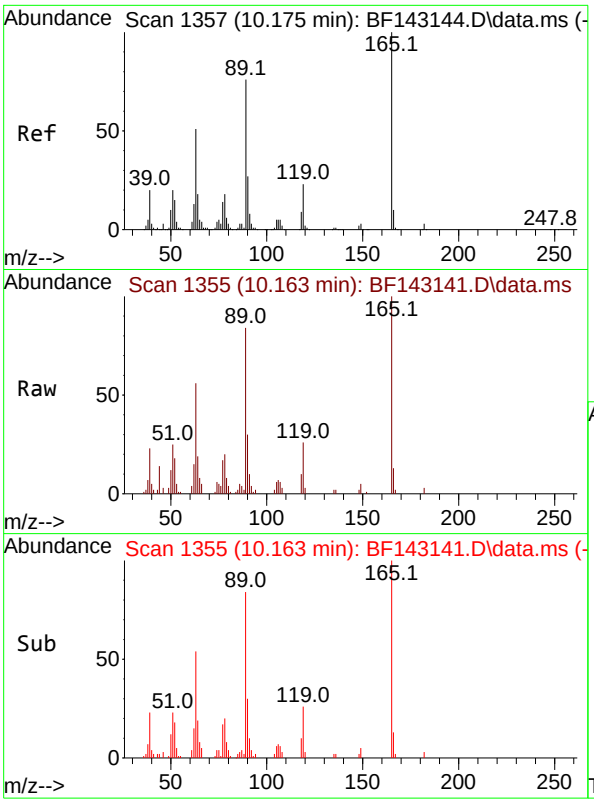


#56
4-Nitrophenol
Concen: 3.899 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 11894

Ion	Ratio	Lower	Upper
139	100		
109	67.9	48.5	88.5
65	101.5	83.4	123.4



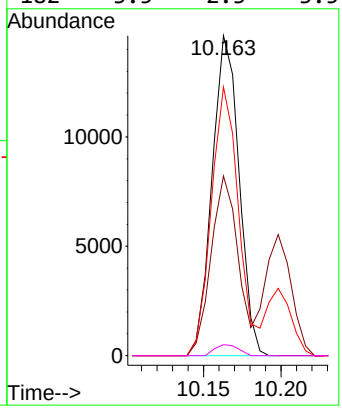


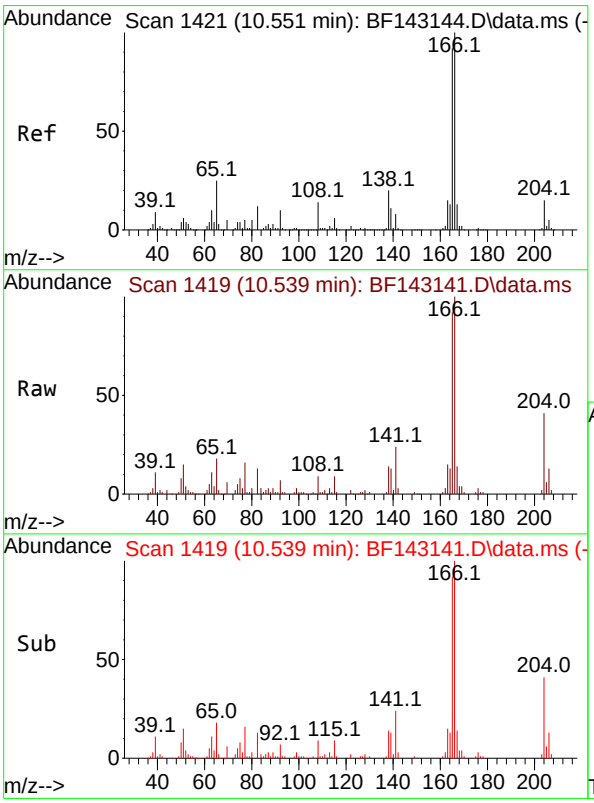
#57
2,4-Dinitrotoluene
Concen: 4.041 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 17709

Ion	Ratio	Lower	Upper
165	100		
63	56.1	41.0	61.4
89	83.9	61.1	91.7
182	3.5	2.3	3.5

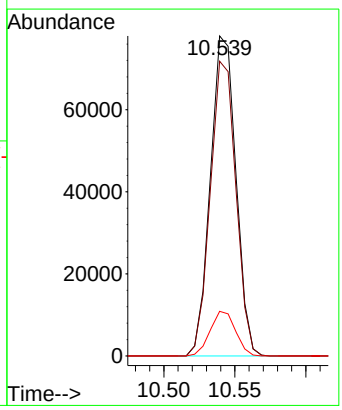


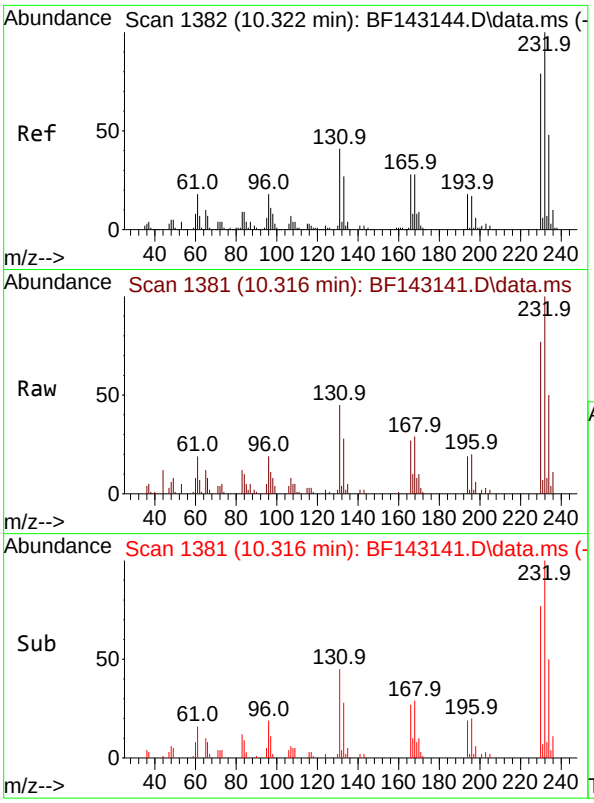


#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:166 Resp: 97477

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	14.0	10.6	16.0



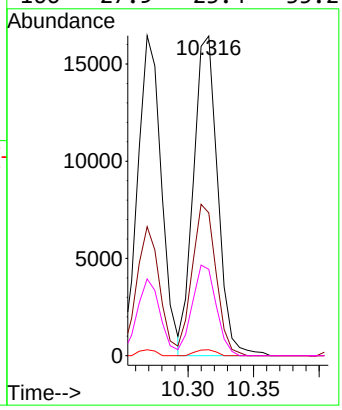


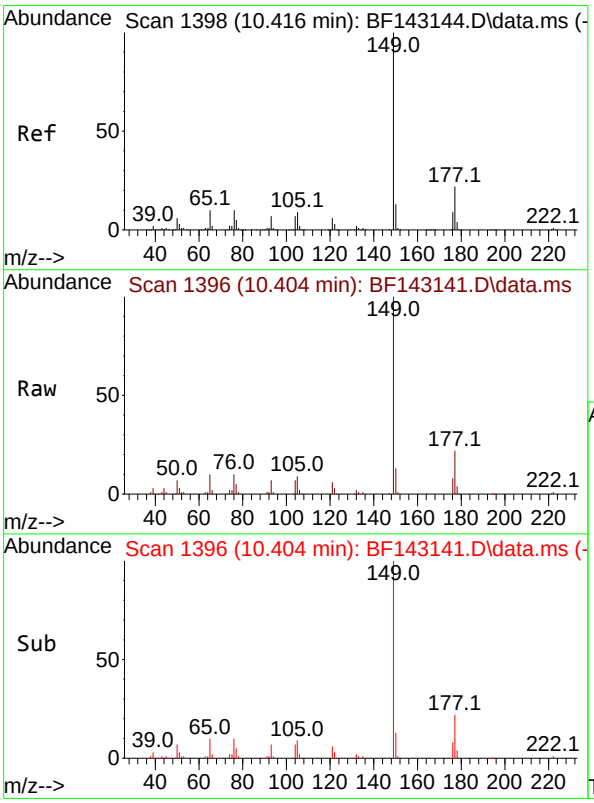
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.840 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 21108

Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.3	52.9
130	1.6	1.7	2.5#
166	27.9	23.4	35.2

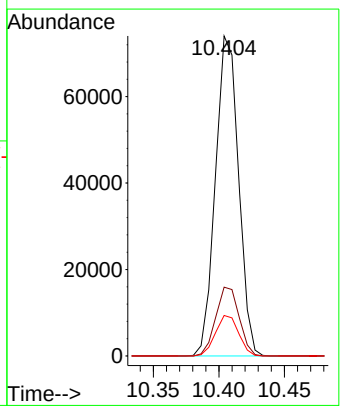


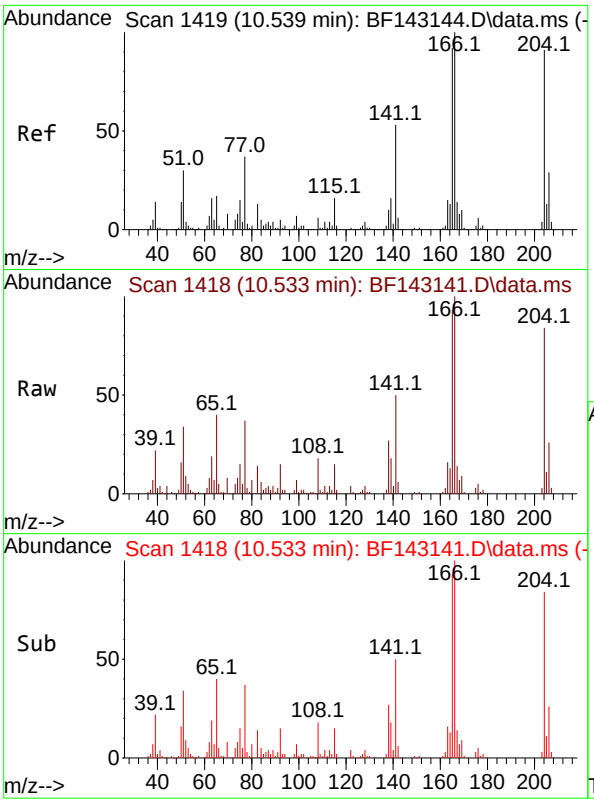


#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 90651

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.7	10.2	15.2



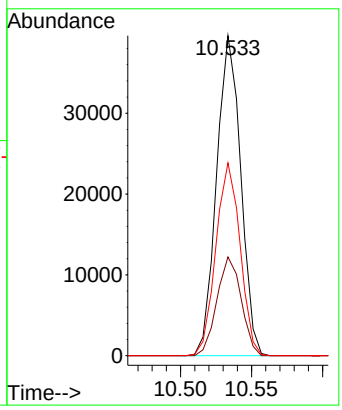


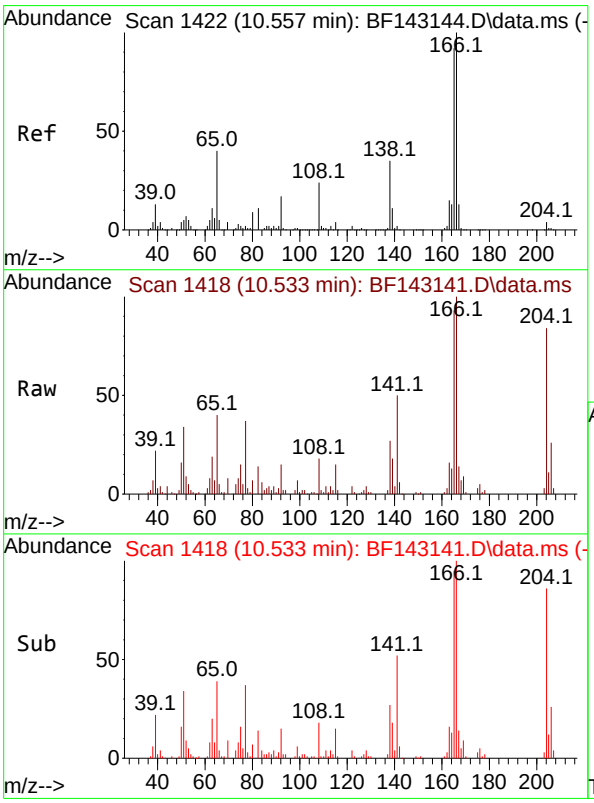
#61
4-Chlorophenyl-phenylether
Concen: 5.594 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 46747

Ion	Ratio	Lower	Upper
204	100		
206	30.8	25.8	38.8
141	60.2	47.0	70.4

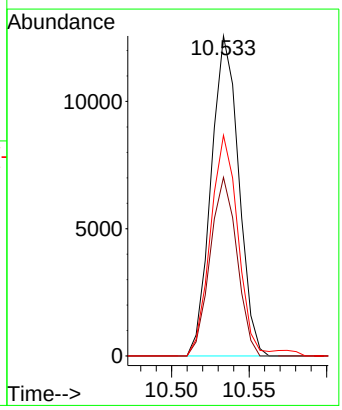


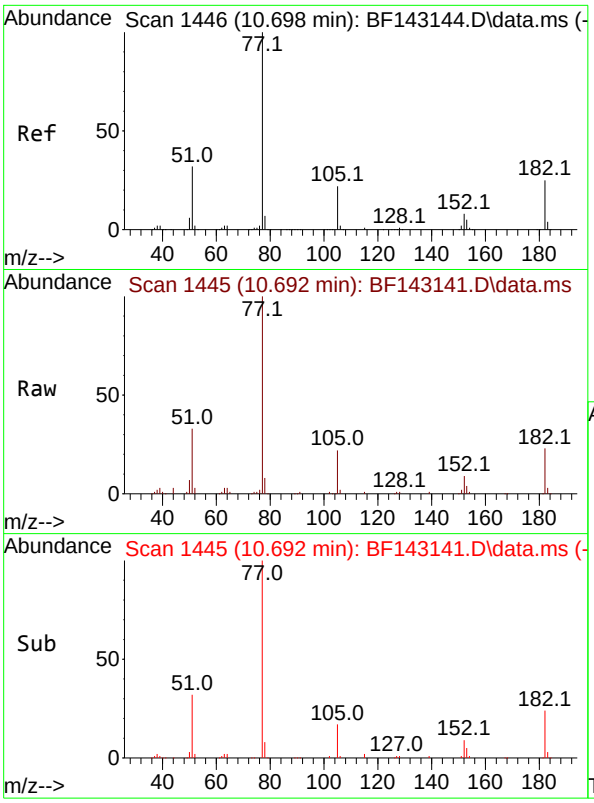


#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 15568

Ion	Ratio	Lower	Upper
138	100		
92	55.8	29.3	69.3
108	68.9	48.3	88.3



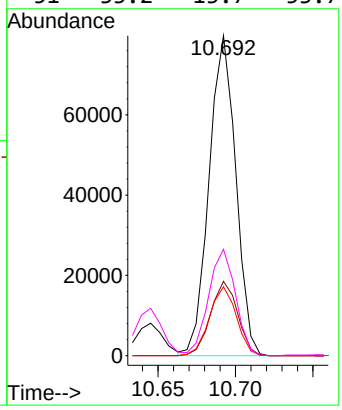


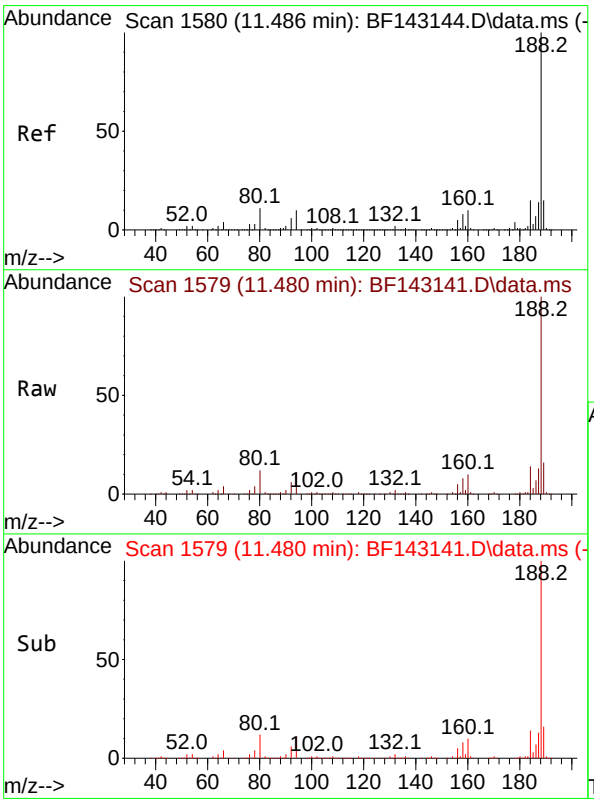
#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 95602

Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.6	44.6
105	21.5	1.4	41.4
51	33.2	13.7	53.7

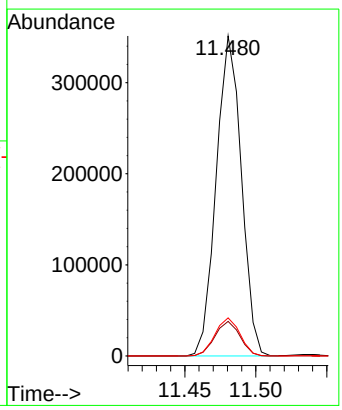


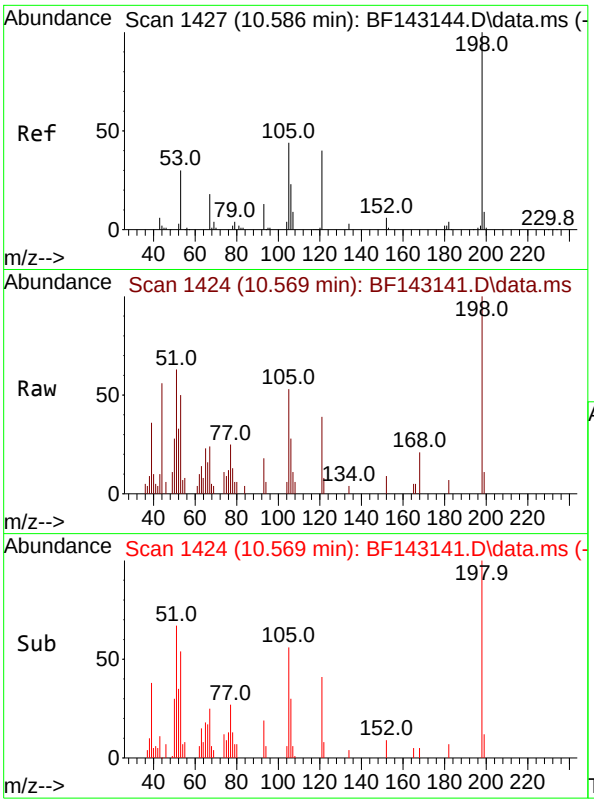


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:188 Resp: 432329

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	11.9	9.0	13.6



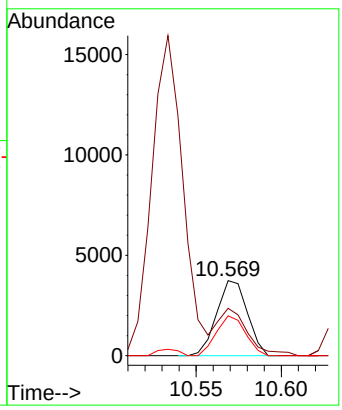


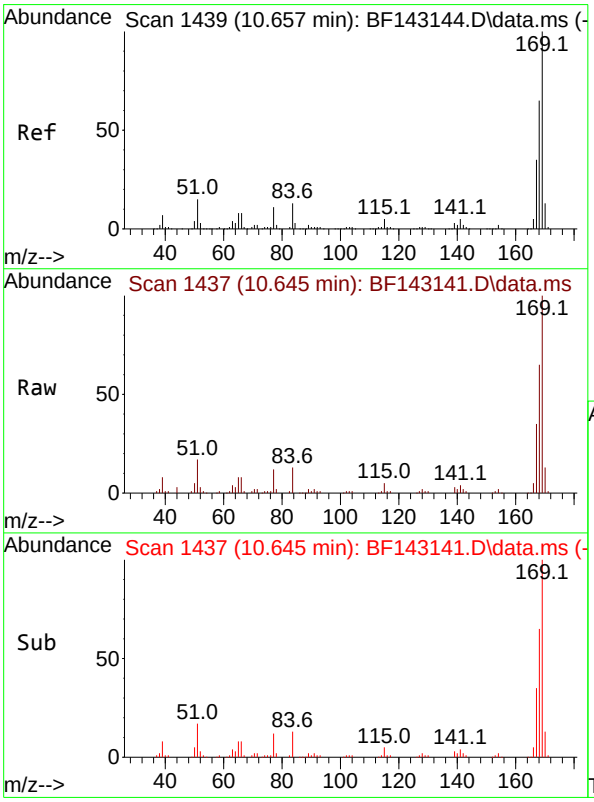
#65
4,6-Dinitro-2-methylphenol
Concen: 7.249 ng
RT: 10.569 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 4692

Ion	Ratio	Lower	Upper
198	100		
51	63.1	37.2	77.2
105	53.0	24.8	64.8

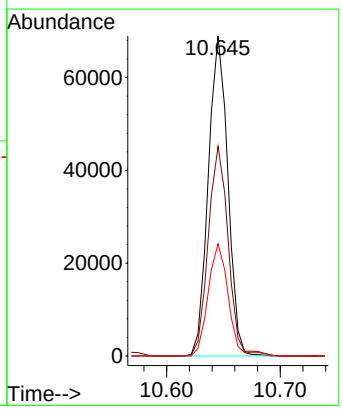


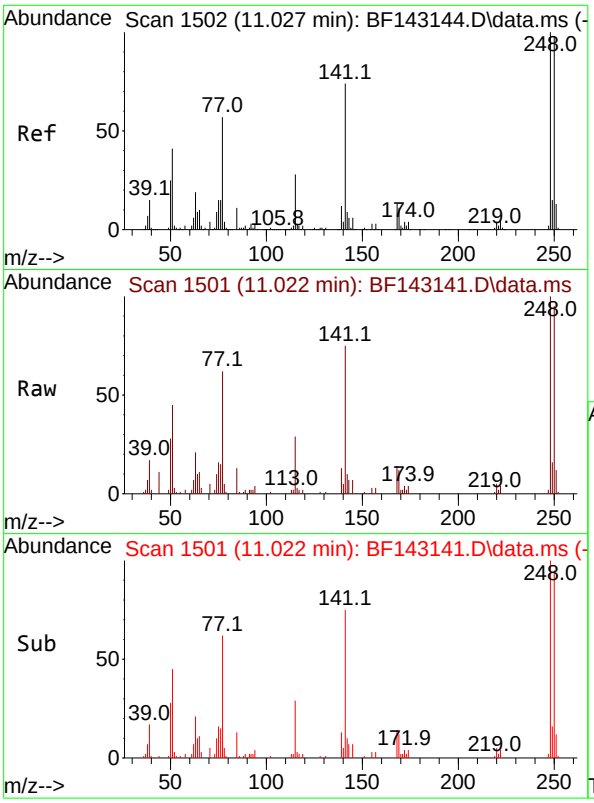


#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:169 Resp: 82281

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.1	78.1
167	35.1	28.2	42.2



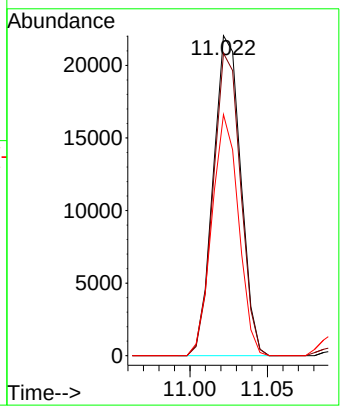


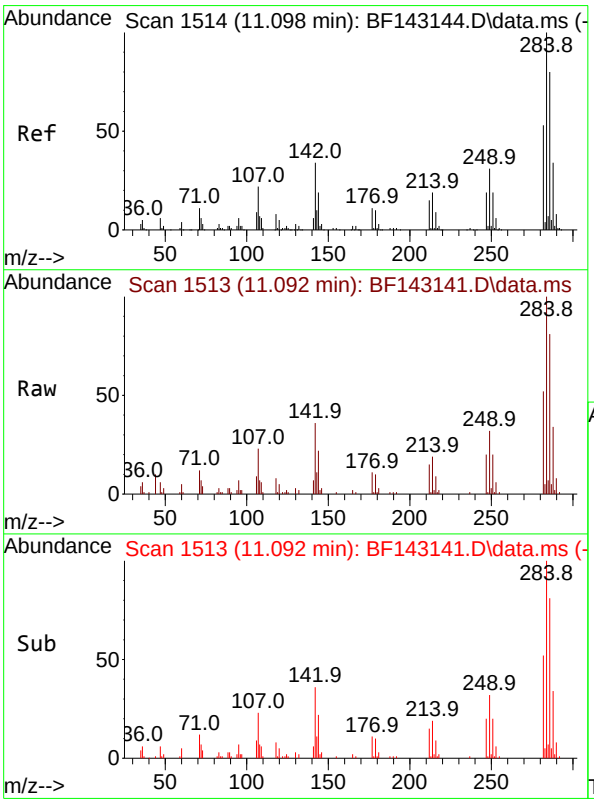
#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 27259

Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.3	117.5
141	75.4	59.2	88.8

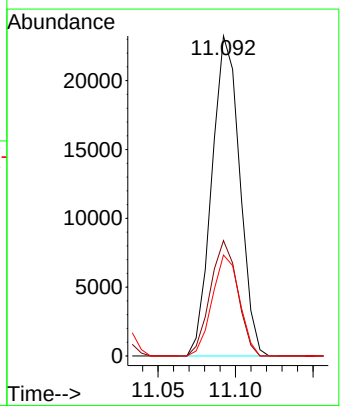


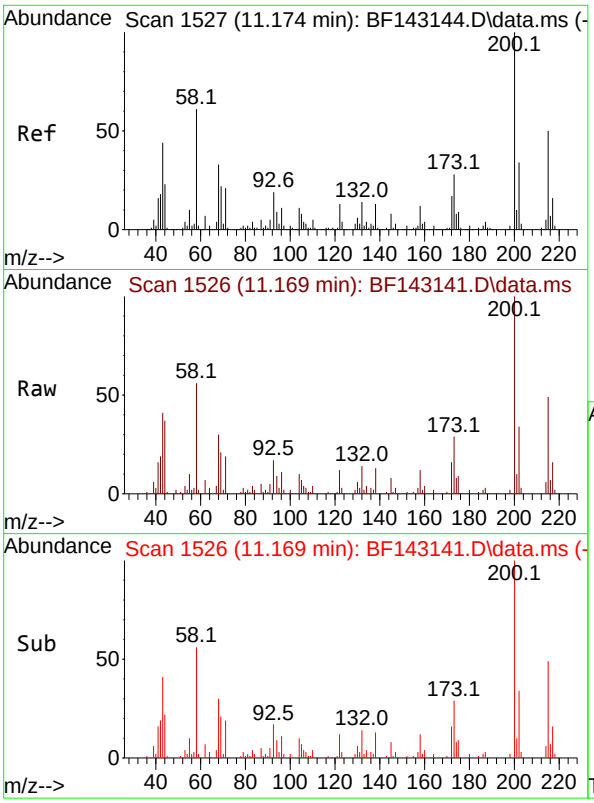


#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:284 Resp: 29052

Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.0	40.6
249	31.5	25.0	37.6



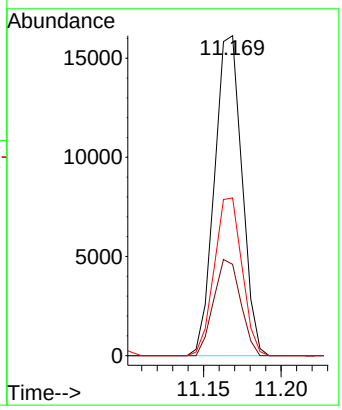


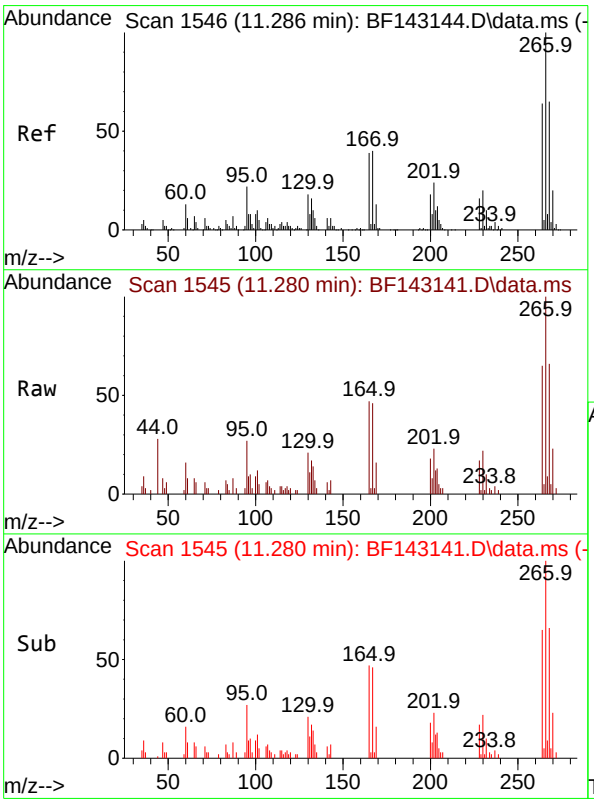
#69
Atrazine
Concen: 4.733 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 19865

Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	49.3	30.1	70.1

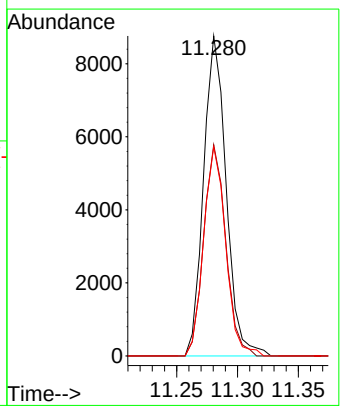


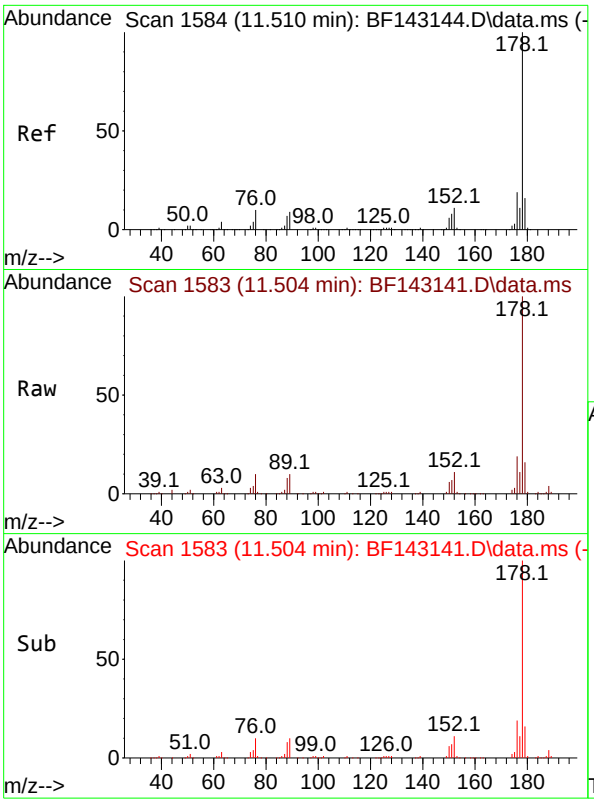


#70
Pentachlorophenol
Concen: 3.566 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:266 Resp: 11294

Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.9	77.9
264	65.4	51.0	76.6



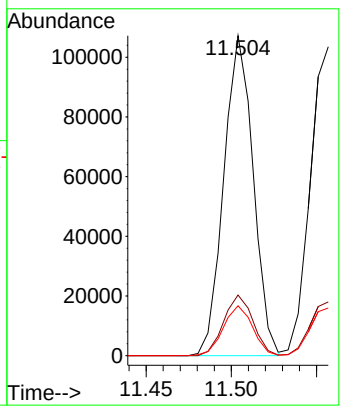


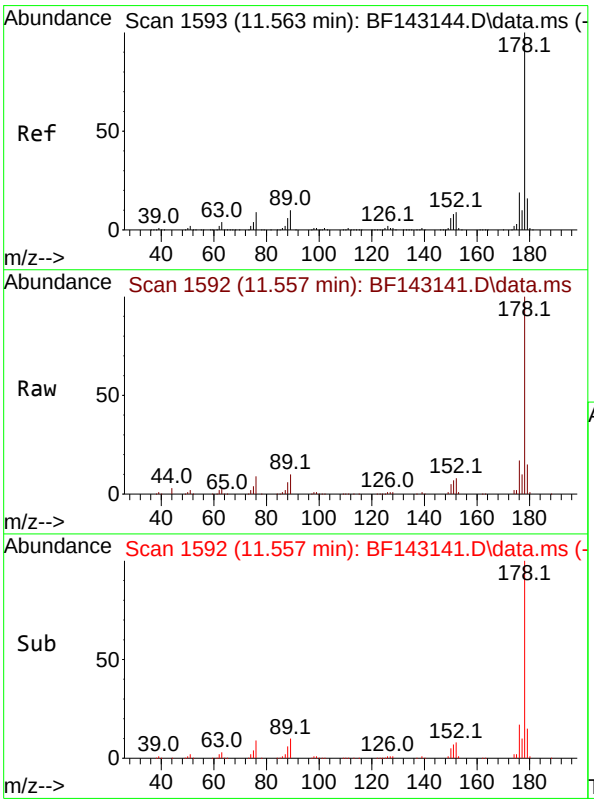
#71
Phenanthrene
Concen: 5.609 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 128762

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.6	12.5	18.7

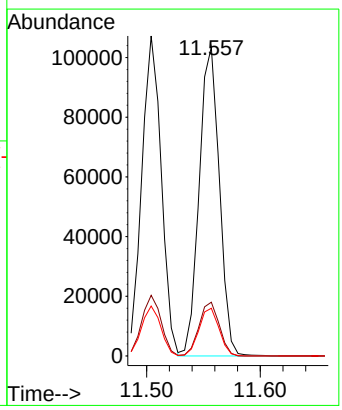


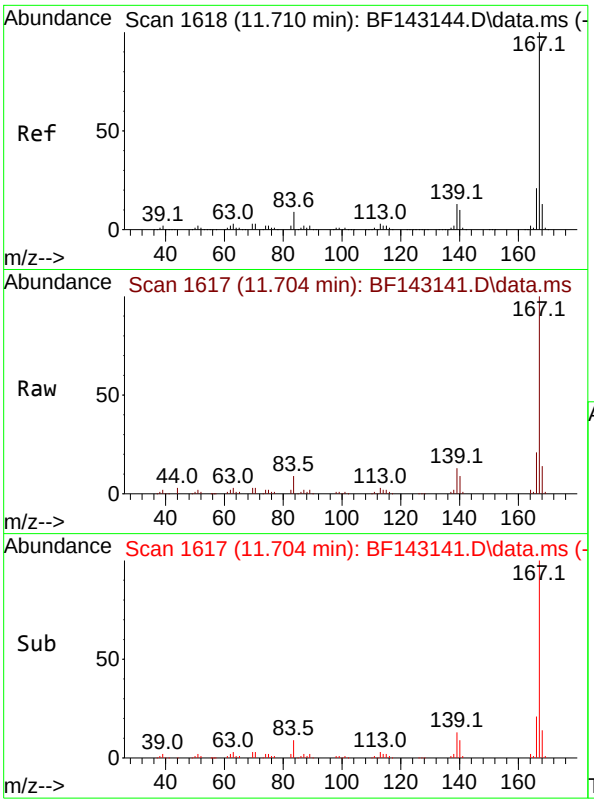


#72
Anthracene
Concen: 5.465 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 127938

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	15.4	12.5	18.7



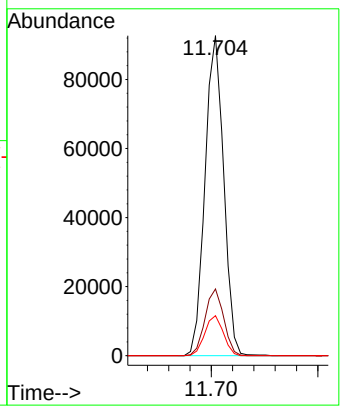


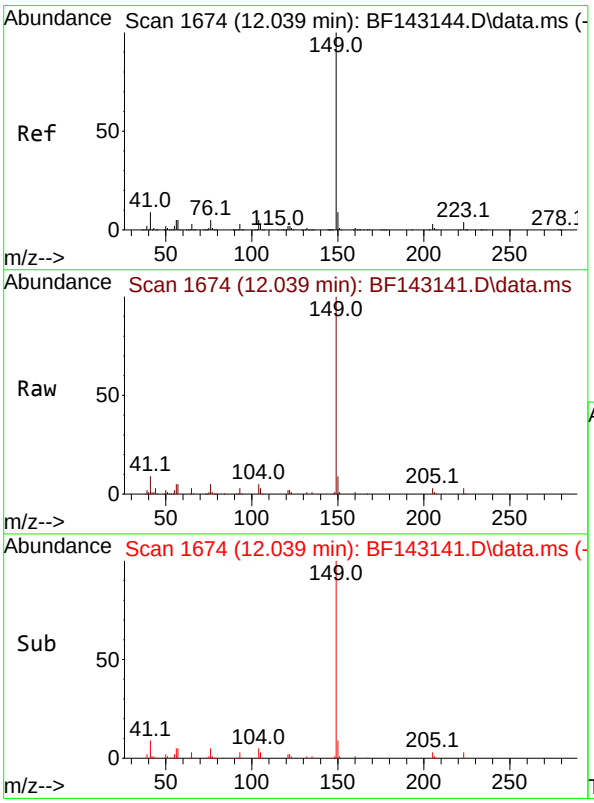
#73
Carbazole
Concen: 5.507 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 112588

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.5	10.0	15.0

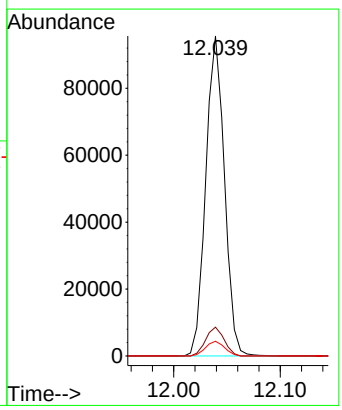


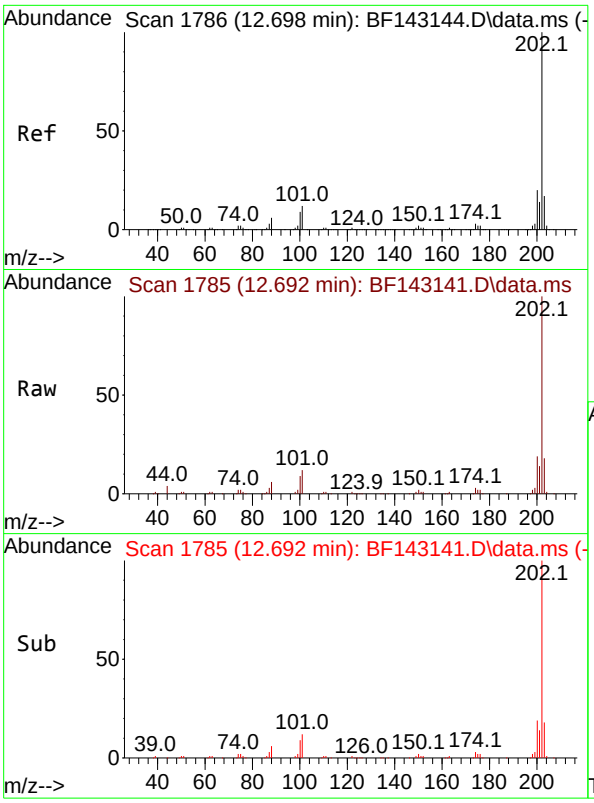


#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 116291

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.6	3.8	5.8



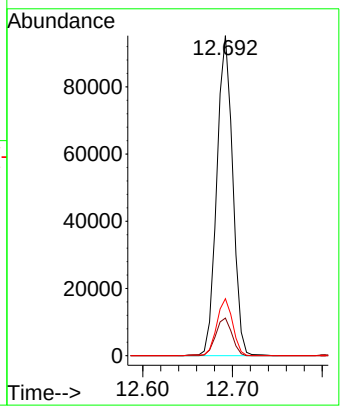


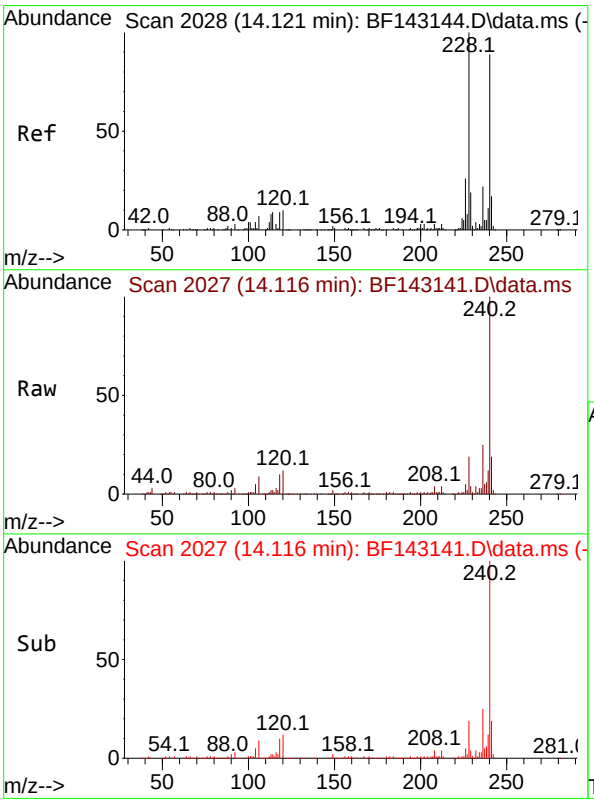
#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 117249

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.8	0.0	37.4

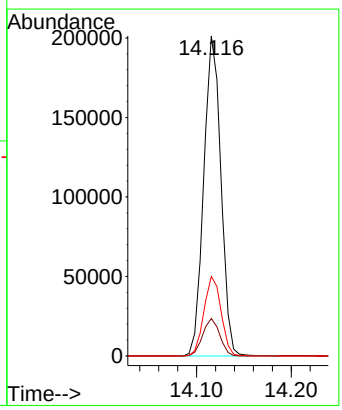


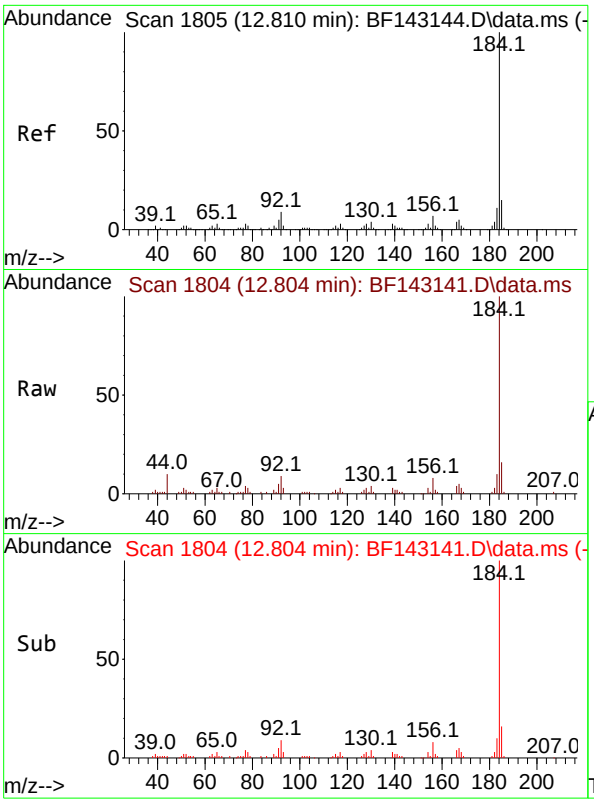


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:240 Resp: 253004

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	24.9	20.2	30.4



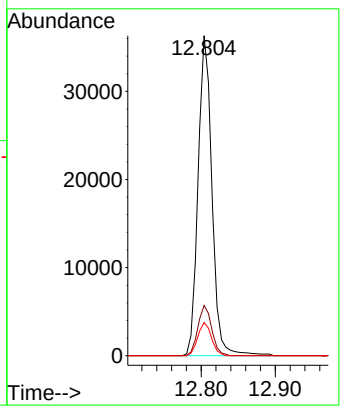


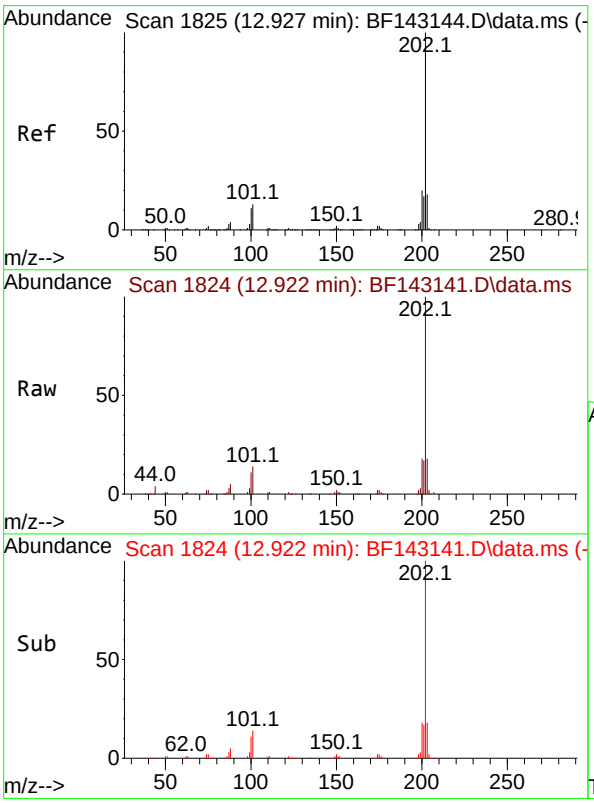
#77
Benzidine
Concen: 4.846 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 47236

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.4
183	10.4	9.0	13.4

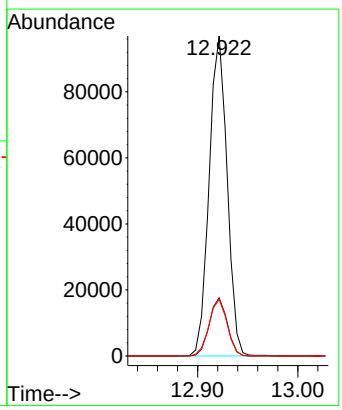


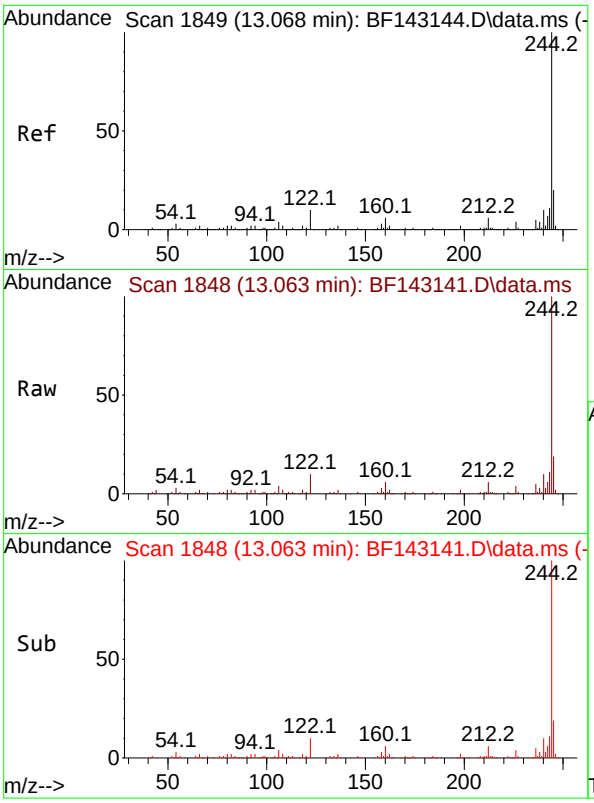


#78
Pyrene
Concen: 5.593 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 120767

Ion	Ratio	Lower	Upper
202	100		
200	18.2	15.7	23.5
203	17.6	14.2	21.2



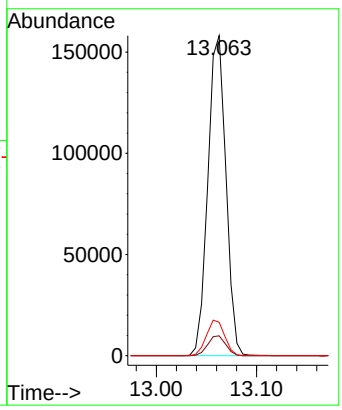


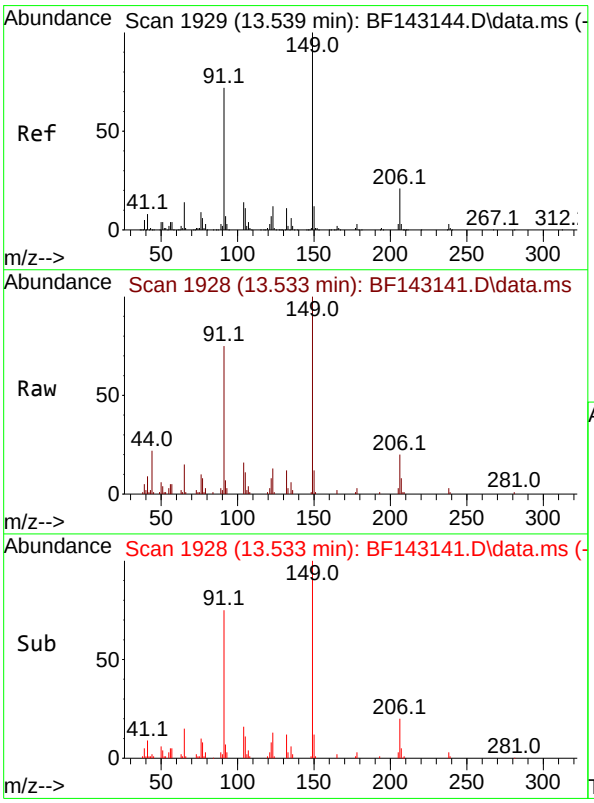
#79
Terphenyl-d14
Concen: 11.656 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 198167

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	10.5	8.2	12.2

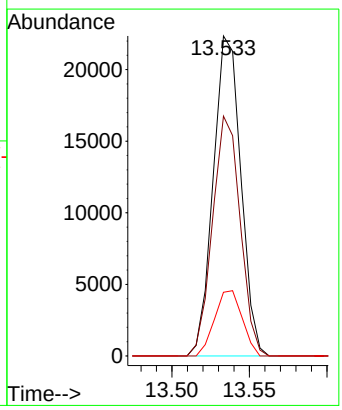


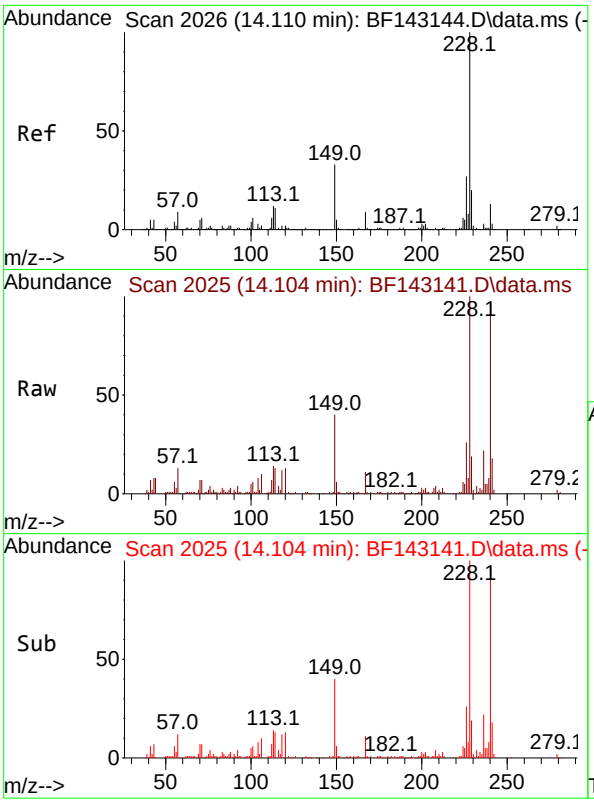


#80
Butylbenzylphthalate
Concen: 4.189 ng
RT: 13.533 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 27699

Ion	Ratio	Lower	Upper
149	100		
91	74.9	57.9	86.9
206	19.9	17.0	25.4



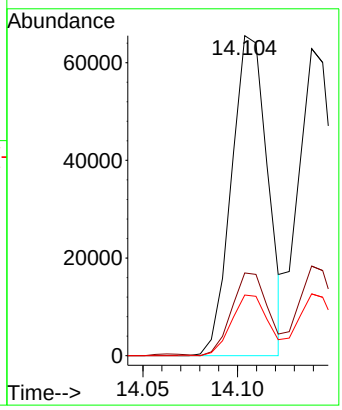


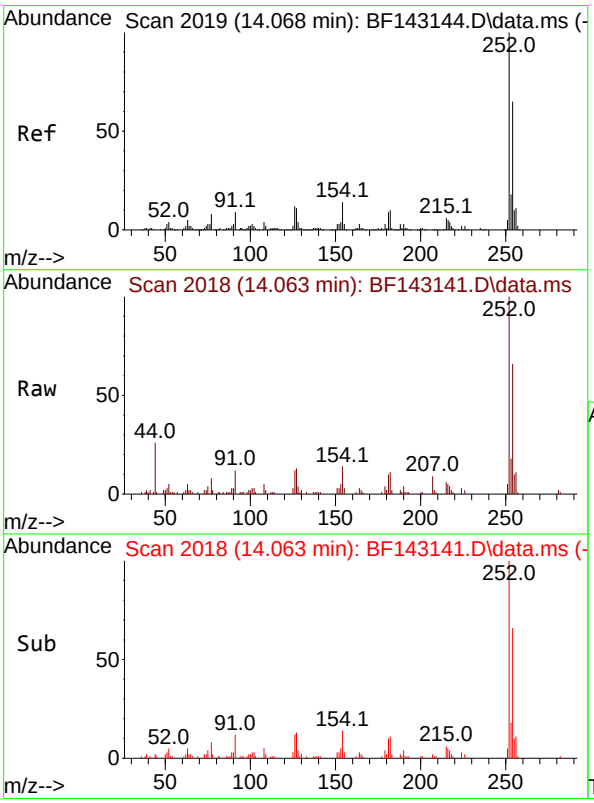
#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 86920

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.7	32.5
229	19.0	15.8	23.6

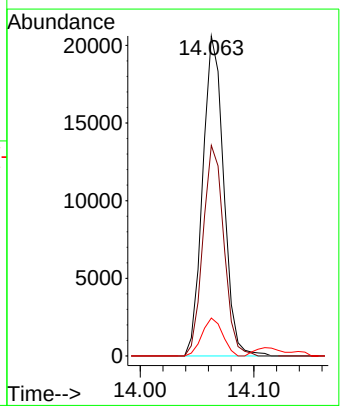


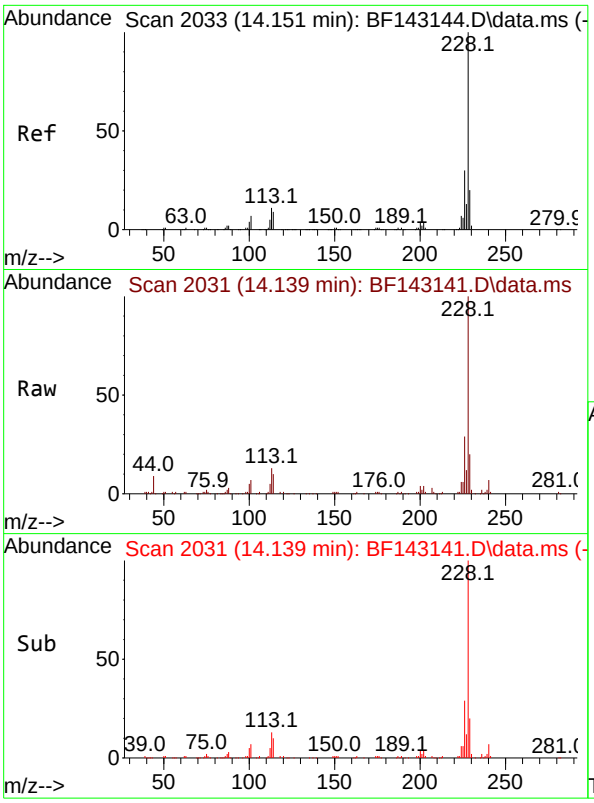


#82
3,3'-Dichlorobenzidine
Concen: 4.675 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 26392

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.7	77.5
126	11.9	9.4	14.0



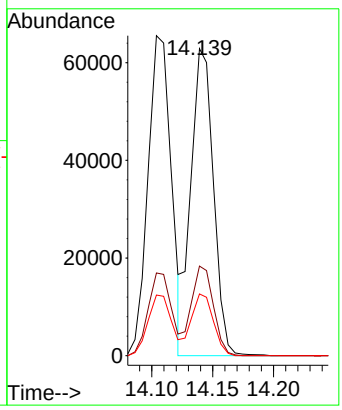


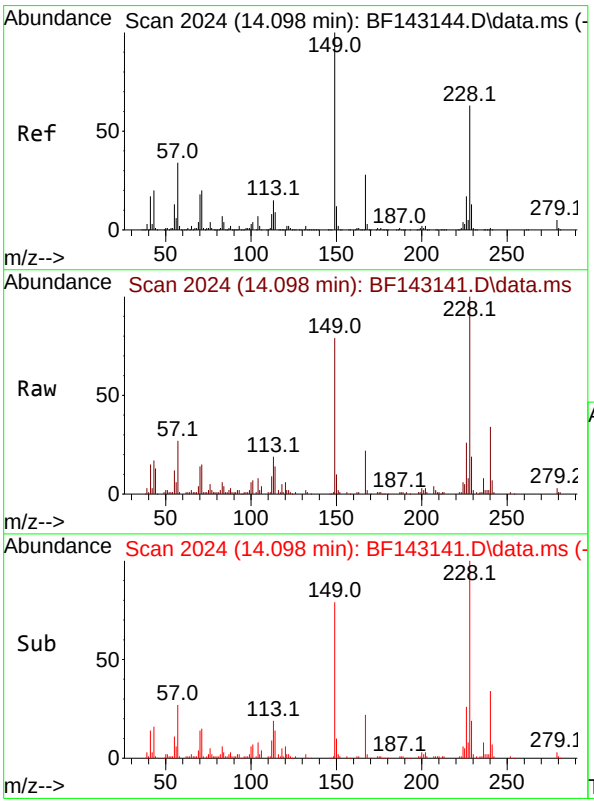
#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 81091

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	20.1	15.6	23.4

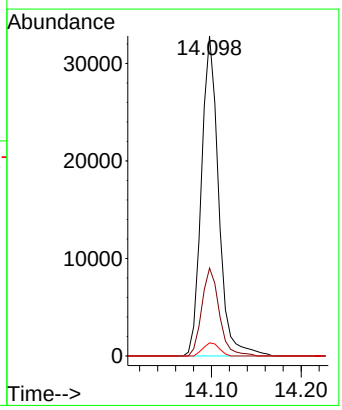


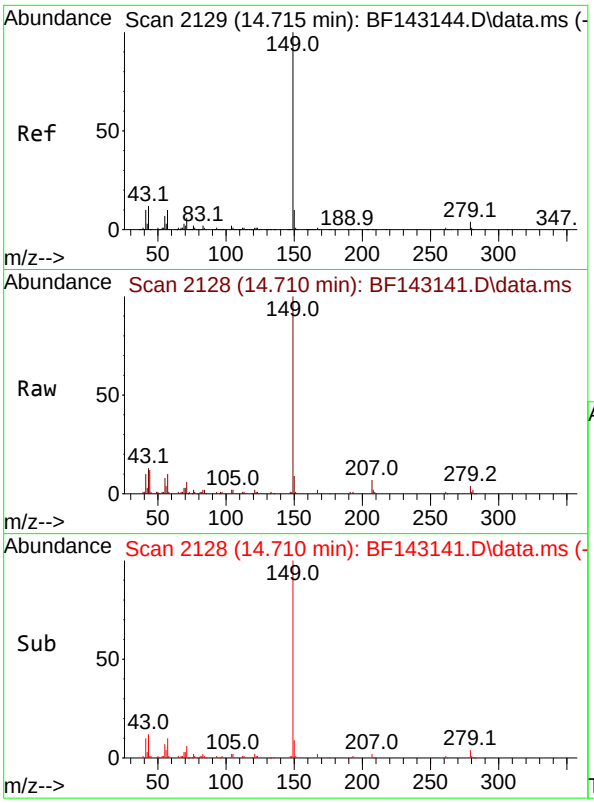


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 43732

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.3	33.5
279	4.1	3.6	5.4



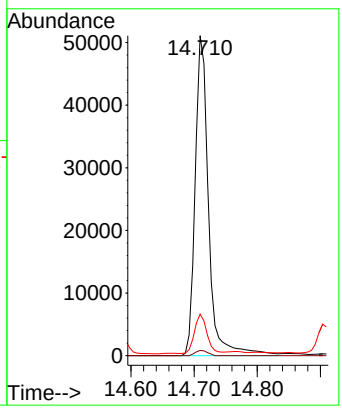


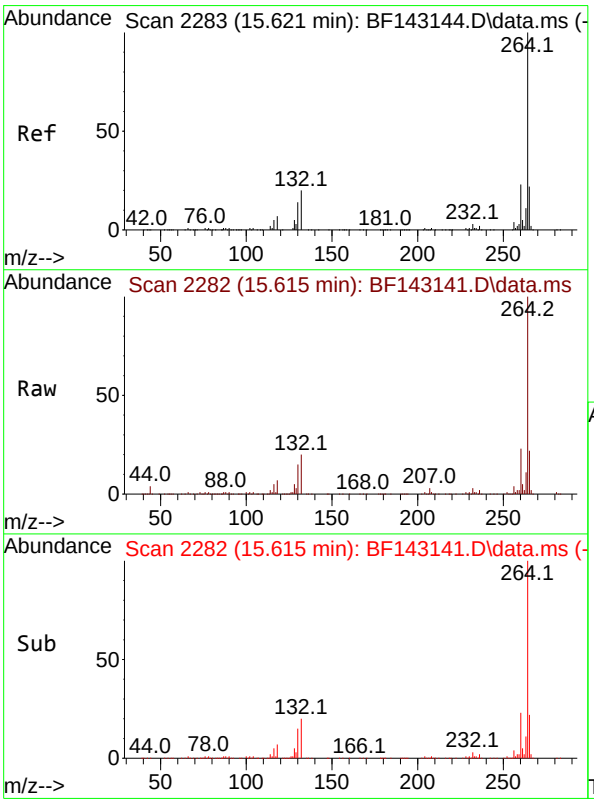
#85
Di-n-octyl phthalate
Concen: 4.147 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 75225

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.7	14.5

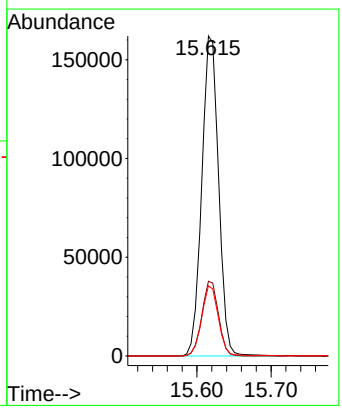


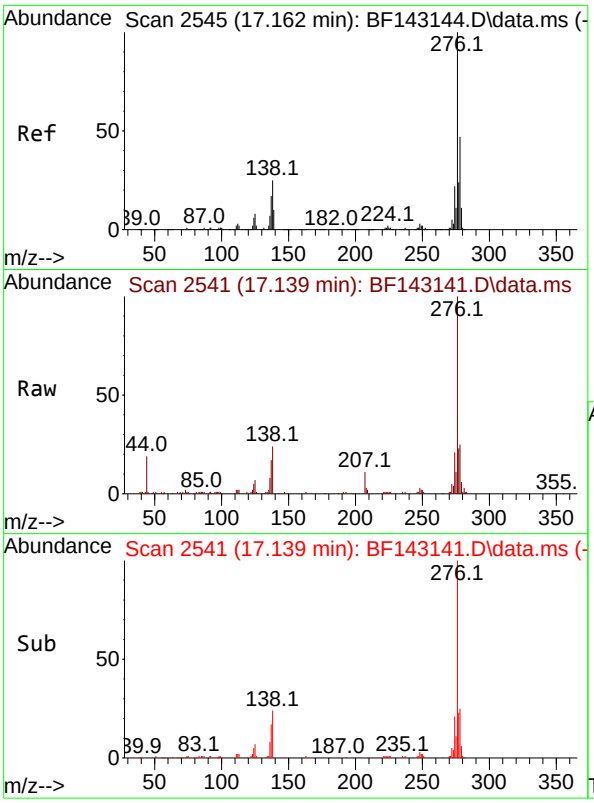


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:264 Resp: 255898

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.9	17.4	26.2



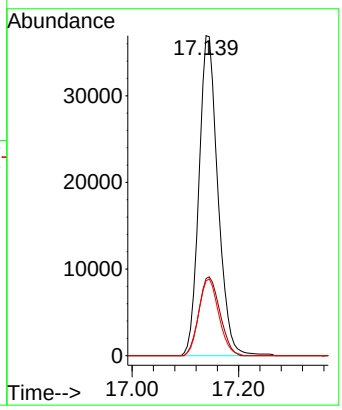


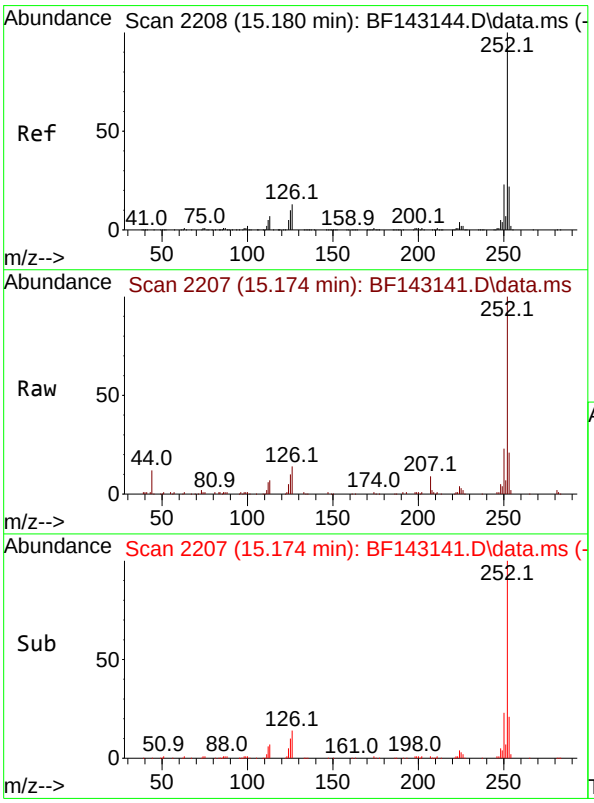
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 91076

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.2	20.0	30.0

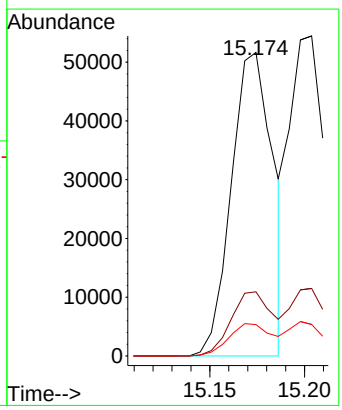


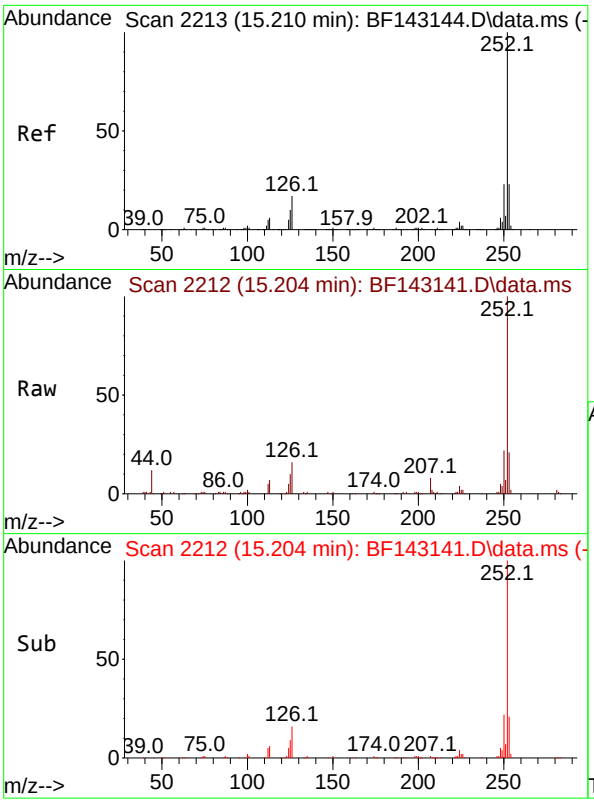


#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 78749

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	10.3	8.0	12.0



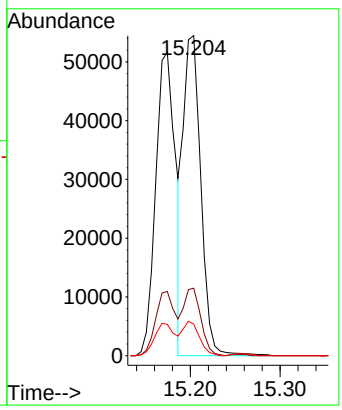


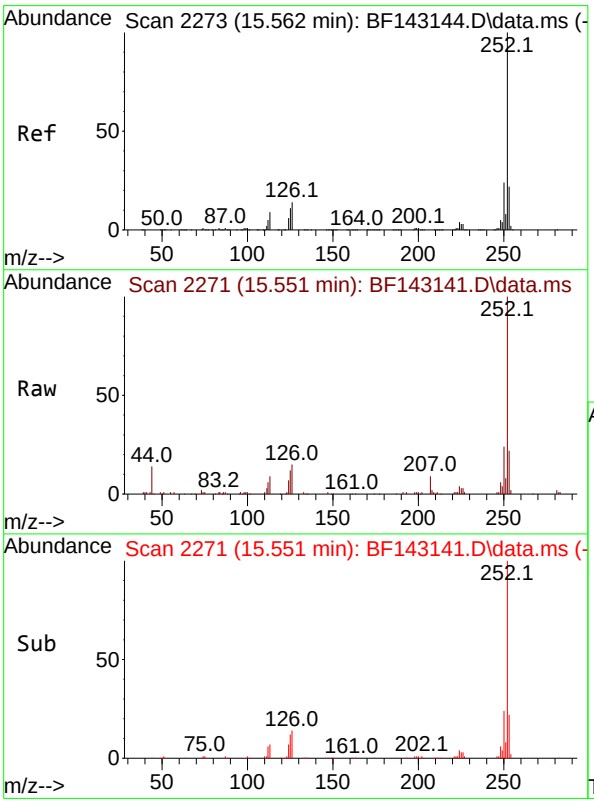
#89
Benzo(k)fluoranthene
Concen: 5.358 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 74738

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	9.9	8.1	12.1

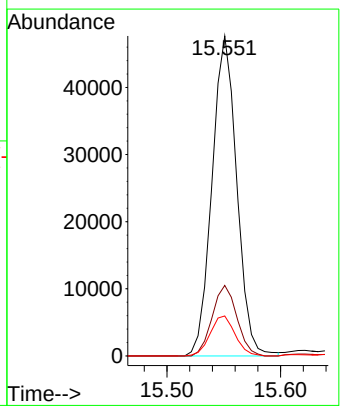


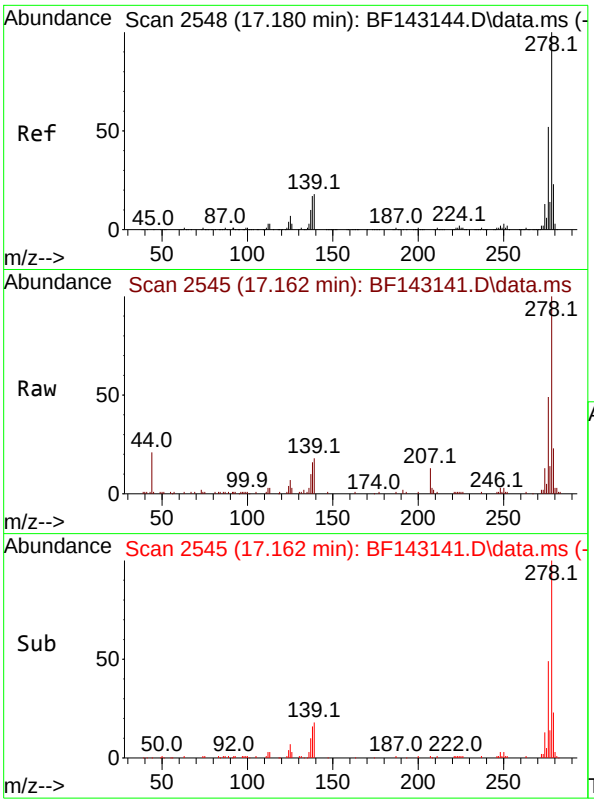


#90
Benzo(a)pyrene
Concen: 5.012 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 72196

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.5	8.6	13.0



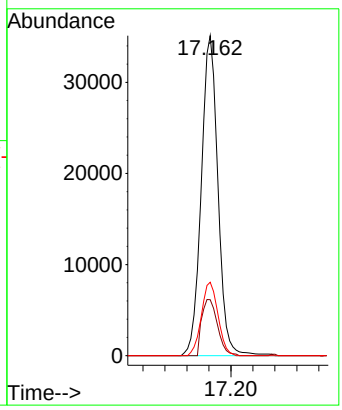


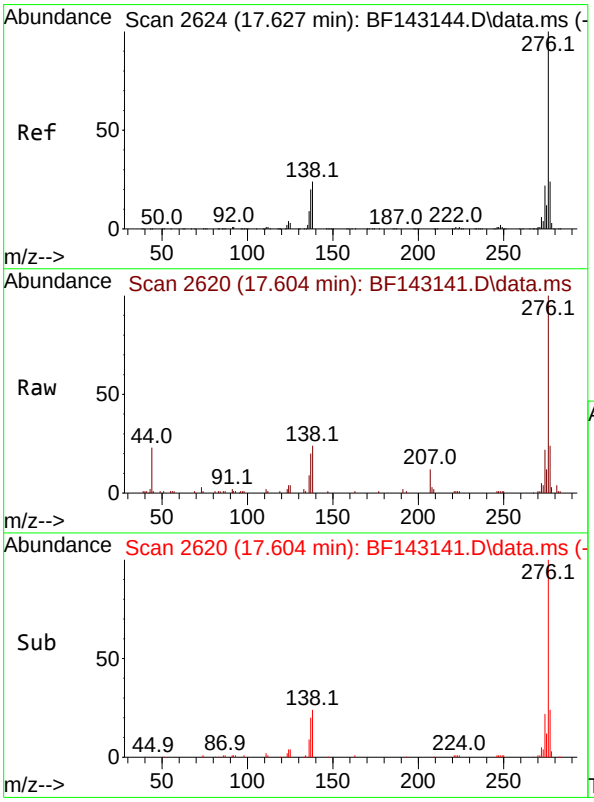
#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 74120

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	22.9	18.6	28.0

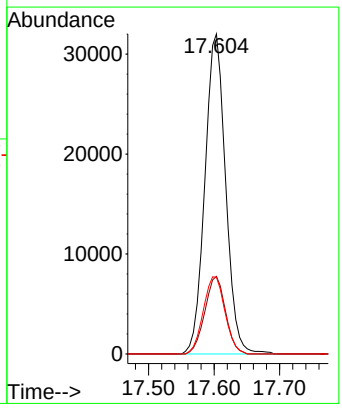




#92
Benzo(g,h,i)perylene
Concen: 4.955 ng
RT: 17.604 min Scan# 2620
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 70403

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	24.0	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	140410	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	545730	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	282580	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	461255	20.000	ng		0.00
76) Chrysene-d12	14.116	240	254650	20.000	ng		0.00
86) Perylene-d12	15.621	264	273706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	184363	20.778	ng		0.00
7) Phenol-d6	6.569	99	230206	20.613	ng		-0.02
23) Nitrobenzene-d5	7.510	82	223300	20.396	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	56961	19.512	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	464669	22.489	ng		0.00
79) Terphenyl-d14	13.063	244	370808	21.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	40860	9.732	ng		98
3) Pyridine	3.587	79	109317	10.032	ng		100
4) n-Nitrosodimethylamine	3.510	42	54487	9.684	ng		98
6) Aniline	6.616	93	158580	10.188	ng		99
8) 2-Chlorophenol	6.740	128	94265	10.135	ng		98
9) Benzaldehyde	6.510	77	81897	9.779	ng		100
10) Phenol	6.587	94	126291	10.380	ng		96
11) bis(2-Chloroethyl)ether	6.687	93	94260	10.119	ng		99
12) 1,3-Dichlorobenzene	6.904	146	106226	10.514	ng		97
13) 1,4-Dichlorobenzene	6.981	146	106581	10.475	ng		99
14) 1,2-Dichlorobenzene	7.134	146	99226	10.253	ng		99
15) Benzyl Alcohol	7.087	79	85240	9.996	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	179226	10.371	ng		99
17) 2-Methylphenol	7.198	107	78001	9.974	ng		99
18) Hexachloroethane	7.481	117	34985	9.932	ng		99
19) n-Nitroso-di-n-propyla...	7.357	70	73815	10.302	ng		97
20) 3+4-Methylphenols	7.345	107	103018	10.858	ng		91
22) Acetophenone	7.357	105	137532	10.645	ng	#	98
24) Nitrobenzene	7.534	77	100837	9.879	ng		98
25) Isophorone	7.769	82	192895	9.981	ng		100
26) 2-Nitrophenol	7.851	139	38451	8.680	ng		96
27) 2,4-Dimethylphenol	7.881	122	92724	10.269	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	119320	10.297	ng		98
29) 2,4-Dichlorophenol	8.087	162	76847	10.091	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	83842	10.191	ng		100
31) Naphthalene	8.263	128	283107	10.534	ng		99
32) Benzoic acid	7.928	122	25309	9.564	ng		98
33) 4-Chloroaniline	8.304	127	113797	10.369	ng		100
34) Hexachlorobutadiene	8.386	225	51715	10.290	ng		99
35) Caprolactam	8.634	113	21157	9.194	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	84647	10.227	ng		98
37) 2-Methylnaphthalene	8.951	142	172865	10.570	ng		100
38) 1-Methylnaphthalene	9.051	142	177917	10.564	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	84494	10.357	ng		99
41) Hexachlorocyclopentadiene	9.116	237	47577	8.963	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	57396	10.165	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	54716	9.688	ng		97
46) 1,1'-Biphenyl	9.416	154	235467	10.680	ng		100
47) 2-Chloronaphthalene	9.439	162	172831	10.595	ng		98
48) 2-Nitroaniline	9.528	65	47055	9.198	ng		99
49) Acenaphthylene	9.857	152	289989	10.607	ng		98
50) Dimethylphthalate	9.704	163	189399	10.283	ng		99
51) 2,6-Dinitrotoluene	9.763	165	35364	9.438	ng		93
52) Acenaphthene	10.028	154	168698	10.440	ng		99
53) 3-Nitroaniline	9.933	138	42367	9.667	ng		97
54) 2,4-Dinitrophenol	10.033	184	7147	10.522	ng	#	1
55) Dibenzofuran	10.198	168	255272	10.641	ng		99
56) 4-Nitrophenol	10.075	139	28233	8.627	ng		98
57) 2,4-Dinitrotoluene	10.169	165	41815	8.895	ng		98
58) Fluorene	10.545	166	198041	10.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	46720	9.986	ng		99
60) Diethylphthalate	10.410	149	186802	10.261	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	94685	10.561	ng		97
62) 4-Nitroaniline	10.539	138	35962	9.574	ng		98
63) Azobenzene	10.692	77	197998	10.435	ng		99
65) 4,6-Dinitro-2-methylph...	10.575	198	12541	10.014	ng		94
66) n-Nitrosodiphenylamine	10.645	169	167901	10.337	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	54849	9.978	ng		97
68) Hexachlorobenzene	11.092	284	57305	9.974	ng		97
69) Atrazine	11.169	200	43045	9.613	ng		98
70) Pentachlorophenol	11.280	266	27529	8.148	ng		99
71) Phenanthrene	11.504	178	253750	10.361	ng		99
72) Anthracene	11.557	178	261960	10.487	ng		99
73) Carbazole	11.704	167	223376	10.241	ng		100
74) Di-n-butylphthalate	12.039	149	243142	9.852	ng		100
75) Fluoranthene	12.692	202	227701	10.129	ng		99
77) Benzidine	12.804	184	96484	9.834	ng		99
78) Pyrene	12.922	202	227008	10.445	ng		100
80) Butylbenzylphthalate	13.539	149	60055	9.024	ng		98
81) Benzo(a)anthracene	14.110	228	174020	10.207	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	55694	9.802	ng		97
83) Chrysene	14.145	228	149446	9.750	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	96191	9.549	ng		97
85) Di-n-octyl phthalate	14.710	149	162156	8.881	ng		99
87) Indeno(1,2,3-cd)pyrene	17.145	276	182869	9.475	ng		99
88) Benzo(b)fluoranthene	15.174	252	155430	9.296	ng		99
89) Benzo(k)fluoranthene	15.204	252	157663	10.567	ng		100
90) Benzo(a)pyrene	15.551	252	150853	9.792	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	150977	9.611	ng		100
92) Benzo(g,h,i)perylene	17.609	276	143342	9.433	ng		99

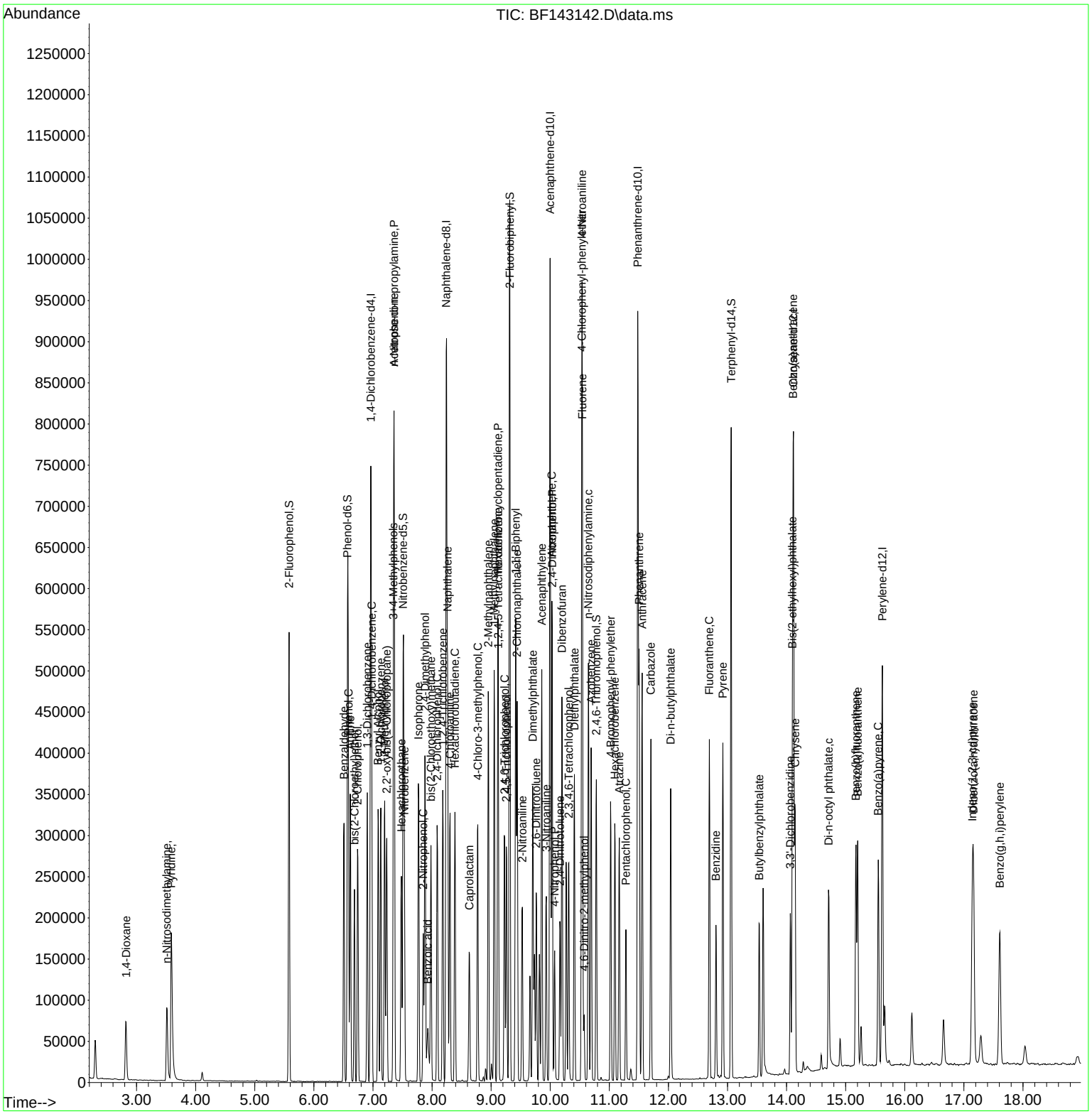
(#) = qualifier out of range (m) = manual integration (+) = signals summed

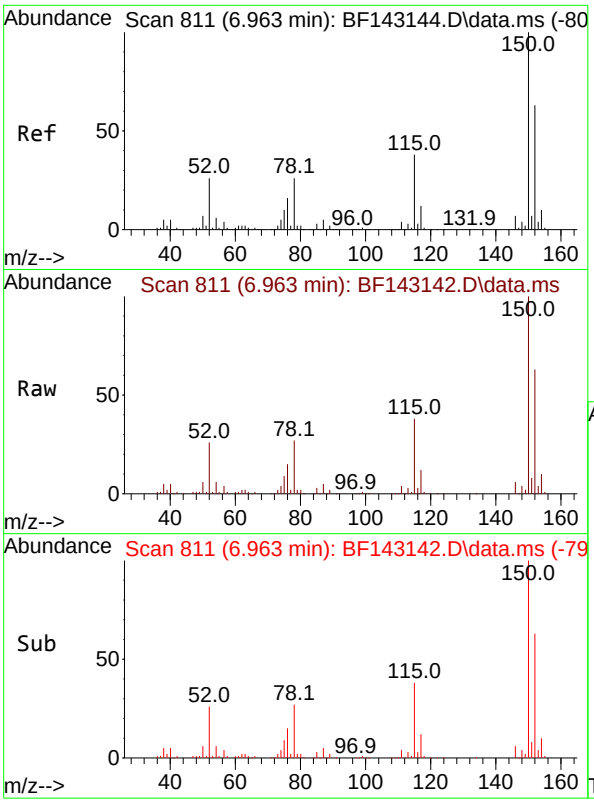
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



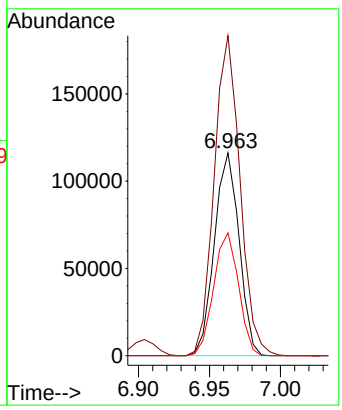


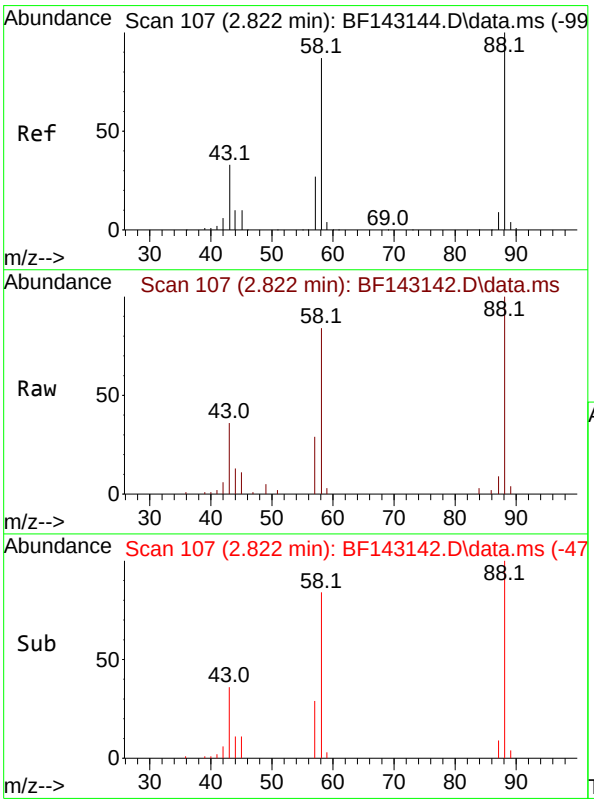
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 140410

Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.2	192.4
115	60.6	47.9	71.9

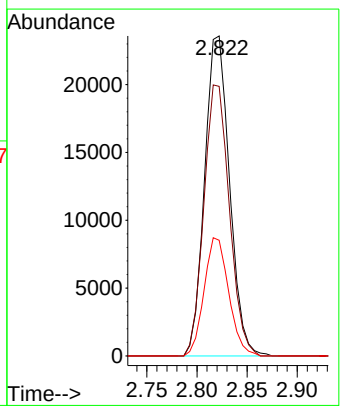


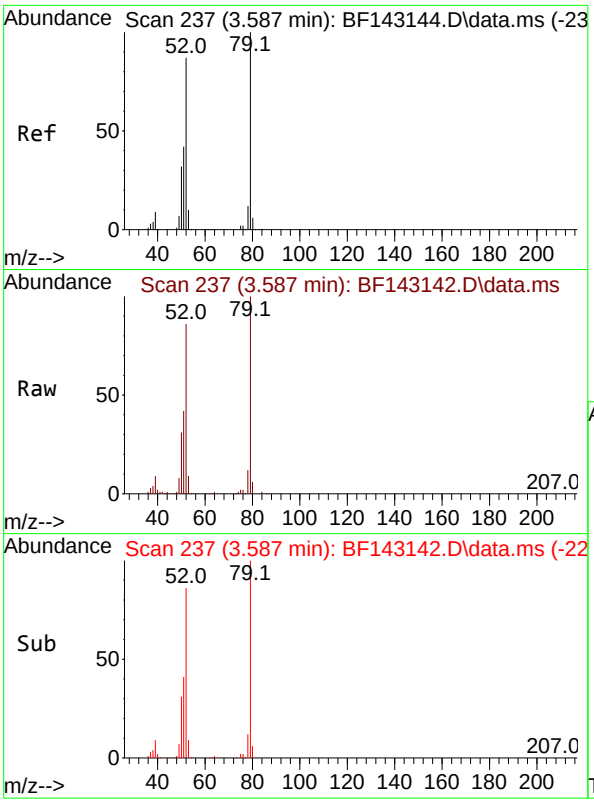


#2
1,4-Dioxane
Concen: 9.732 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 88 Resp: 40860

Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.2	105.2
43	36.5	27.1	40.7



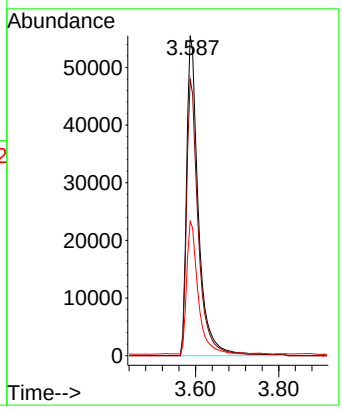


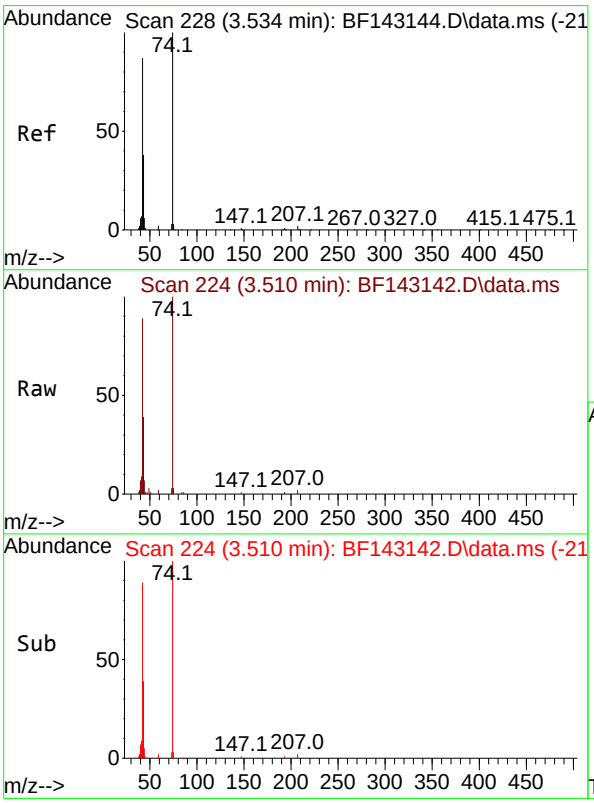
#3
Pyridine
Concen: 10.032 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 109317

Ion	Ratio	Lower	Upper
79	100		
52	86.3	69.4	104.2
51	42.0	33.5	50.3

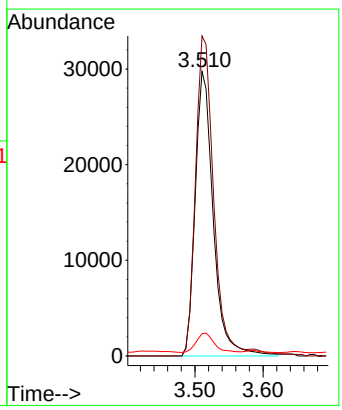


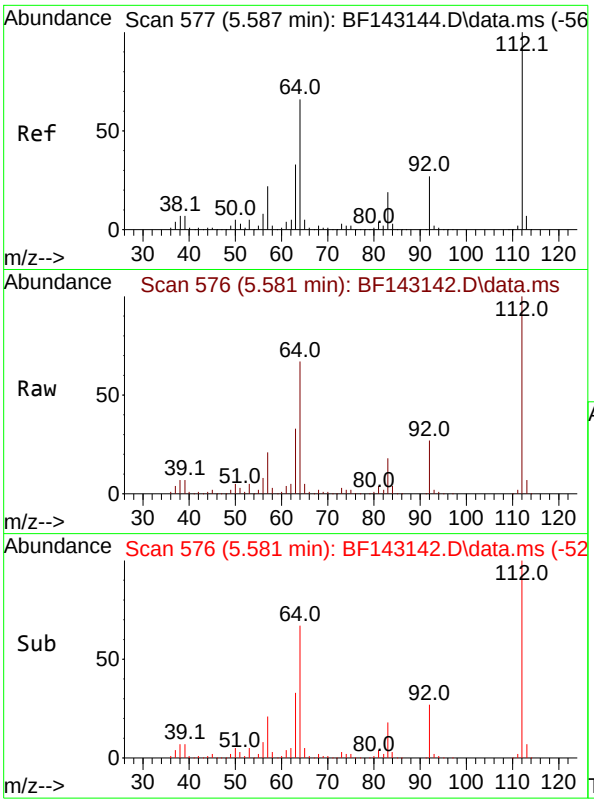


#4
n-Nitrosodimethylamine
Concen: 9.684 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 42 Resp: 54487

Ion	Ratio	Lower	Upper
42	100		
74	112.5	91.7	137.5
44	7.8	5.6	8.4



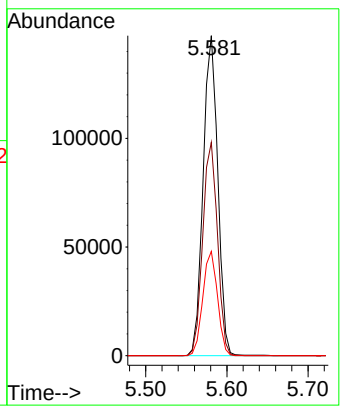


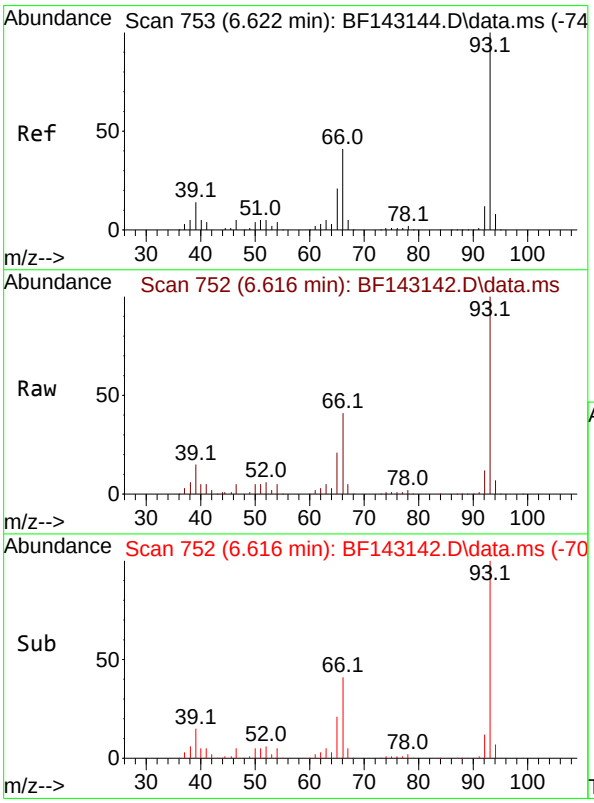
#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 184363

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	32.6	26.6	40.0

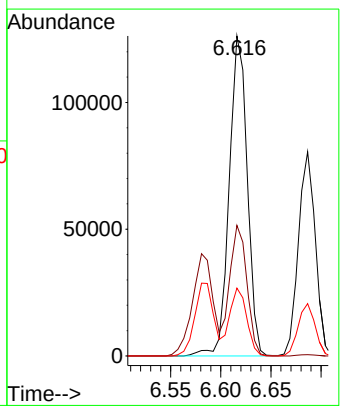


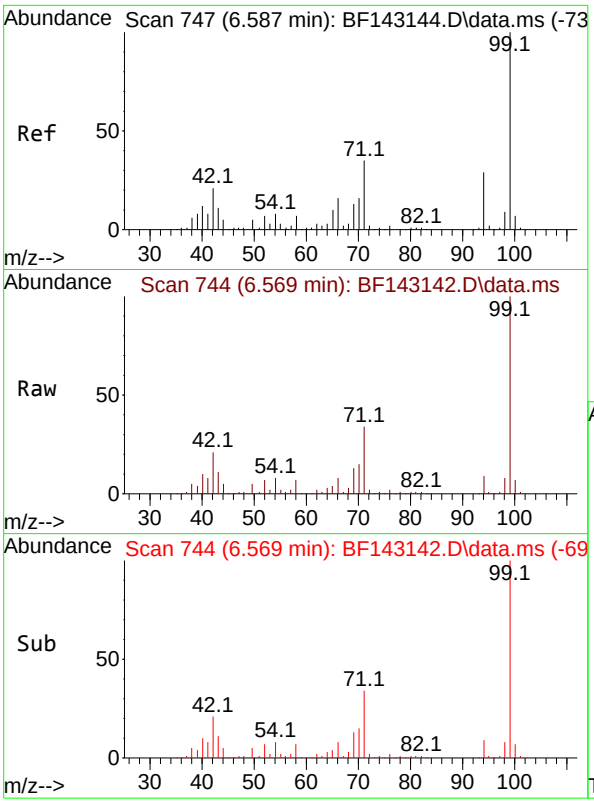


#6
Aniline
Concen: 10.188 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 158580

Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.2	49.8
65	21.2	16.9	25.3



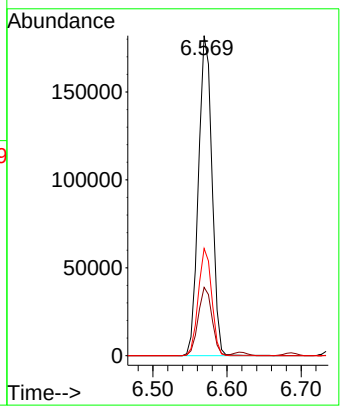


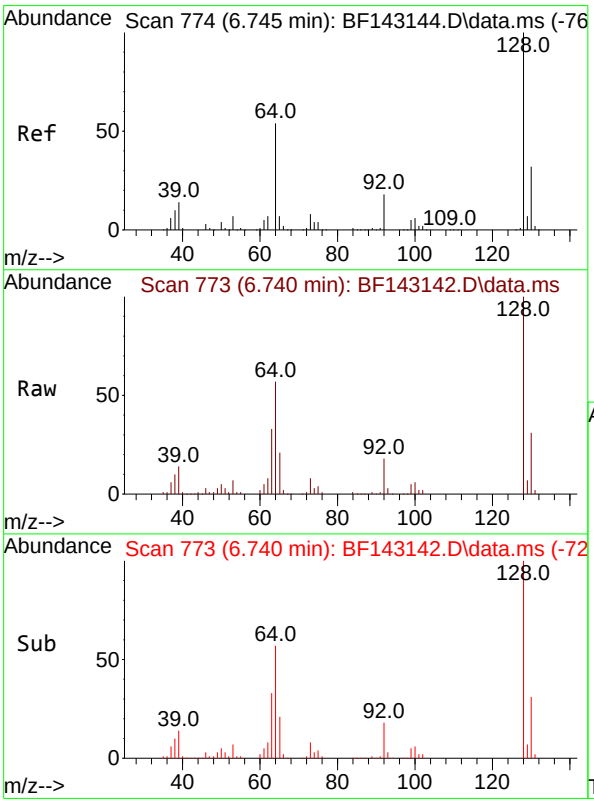
#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 230206

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.5	27.7	41.5

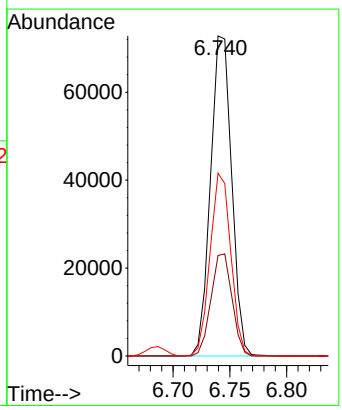


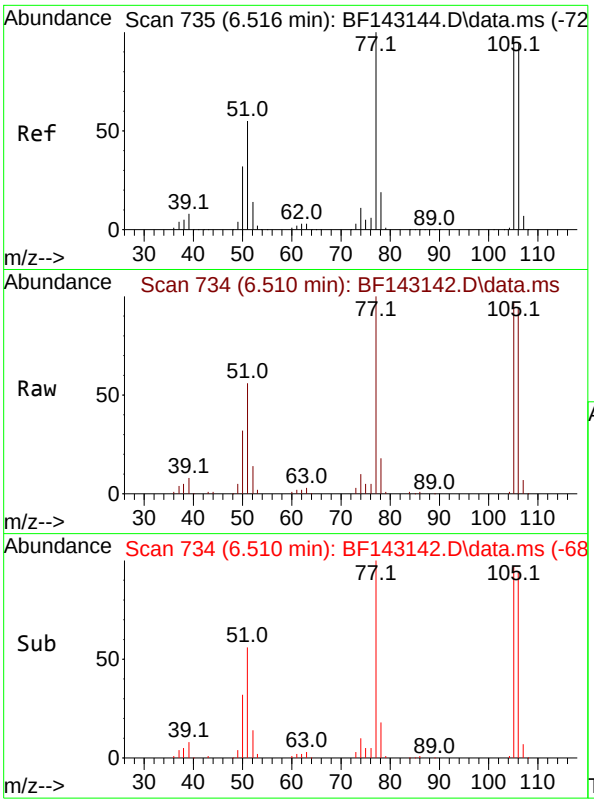


#8
2-Chlorophenol
Concen: 10.135 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 94265

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.3	52.3
64	57.1	35.9	75.9



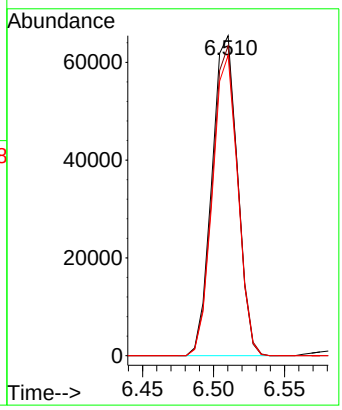


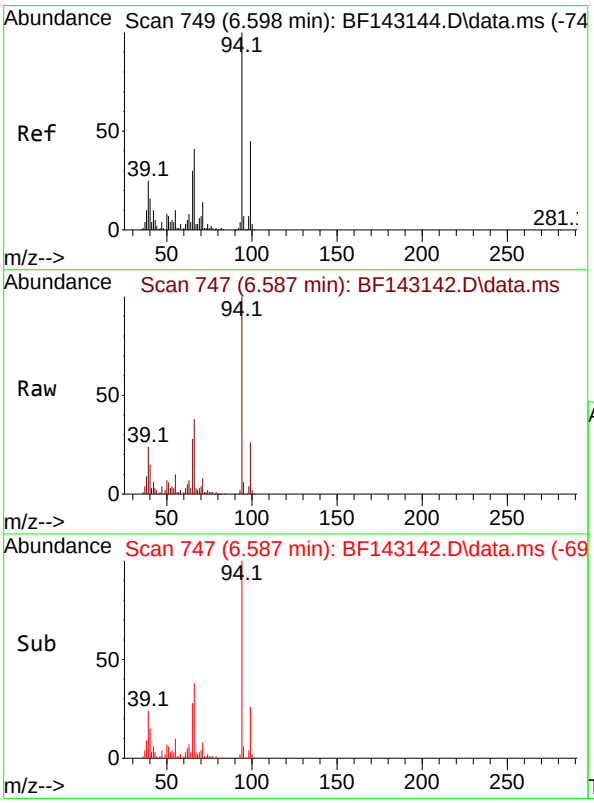
#9
Benzaldehyde
Concen: 9.779 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 81897

Ion	Ratio	Lower	Upper
77	100		
105	96.9	76.8	116.8
106	93.9	74.4	114.4

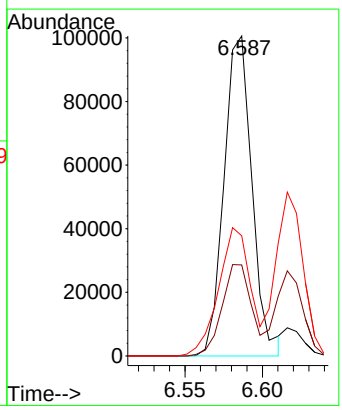


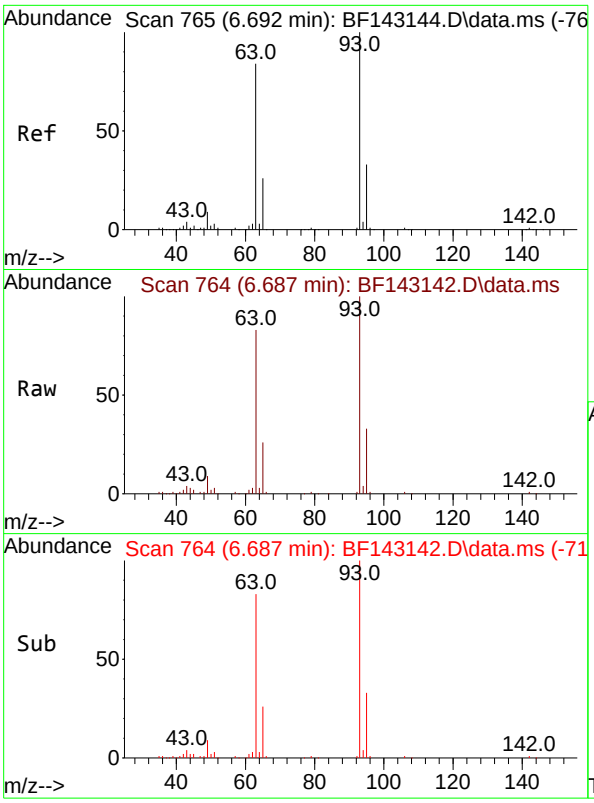


#10
Phenol
Concen: 10.380 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 94 Resp: 126291

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.0	50.0
66	37.5	20.8	60.8



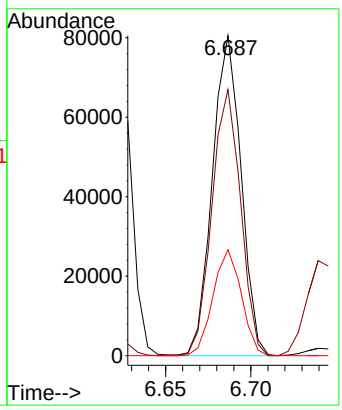


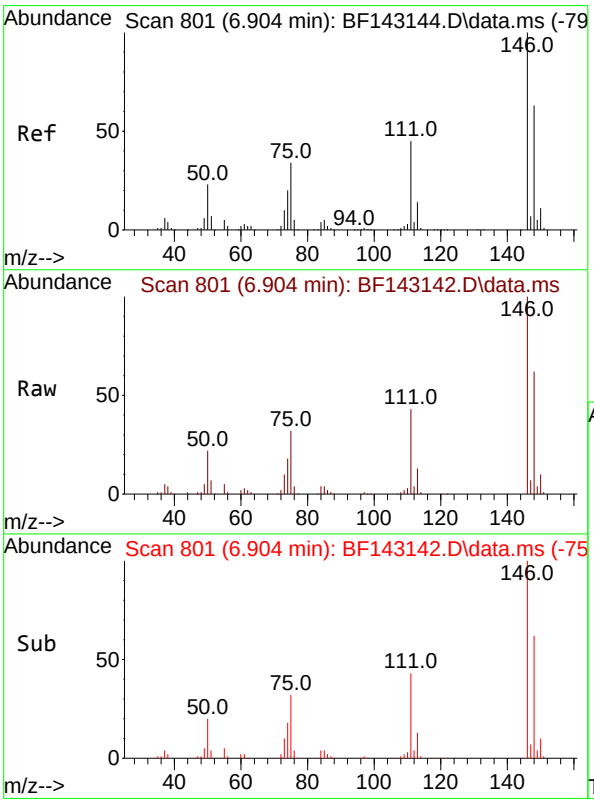
#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 94260

Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.4	103.4
95	33.1	12.4	52.4

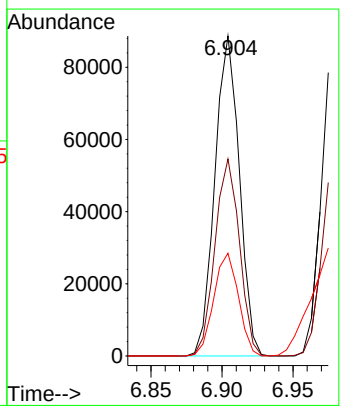


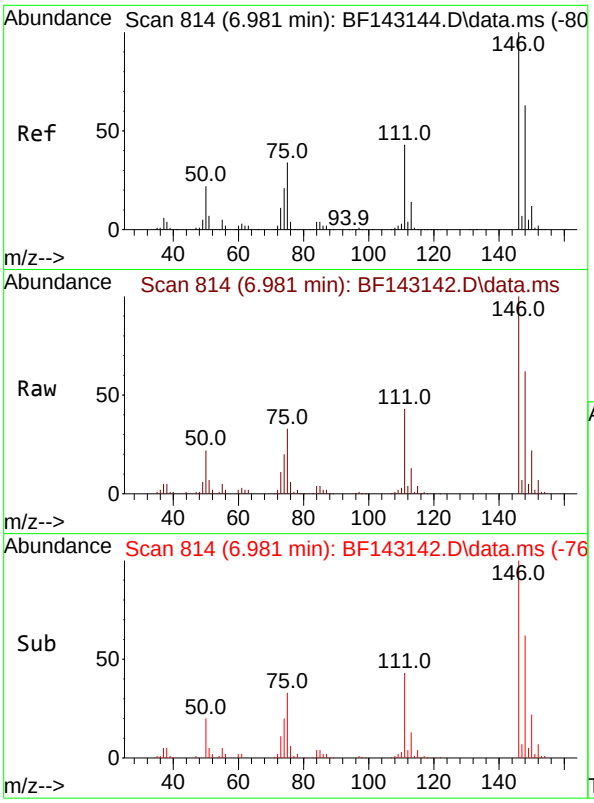


#12
1,3-Dichlorobenzene
Concen: 10.514 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 106226

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	76.0
75	32.1	27.4	41.2



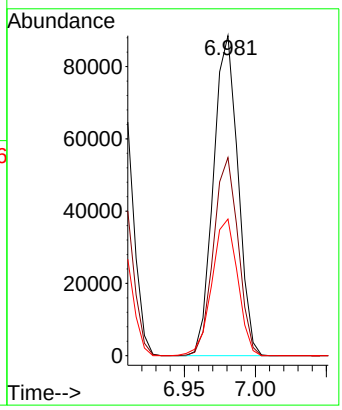


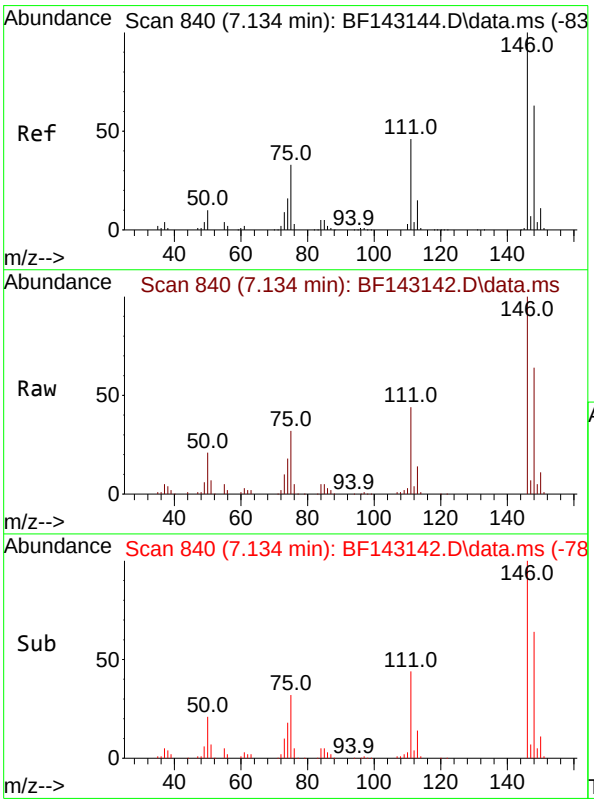
#13
1,4-Dichlorobenzene
Concen: 10.475 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 106581

Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.3	75.5
111	42.7	34.4	51.6

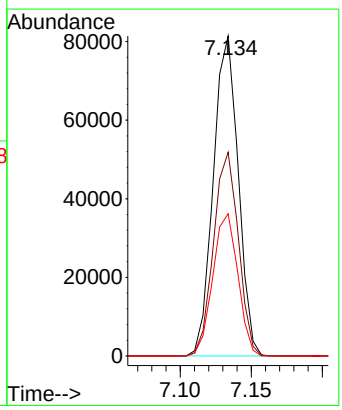


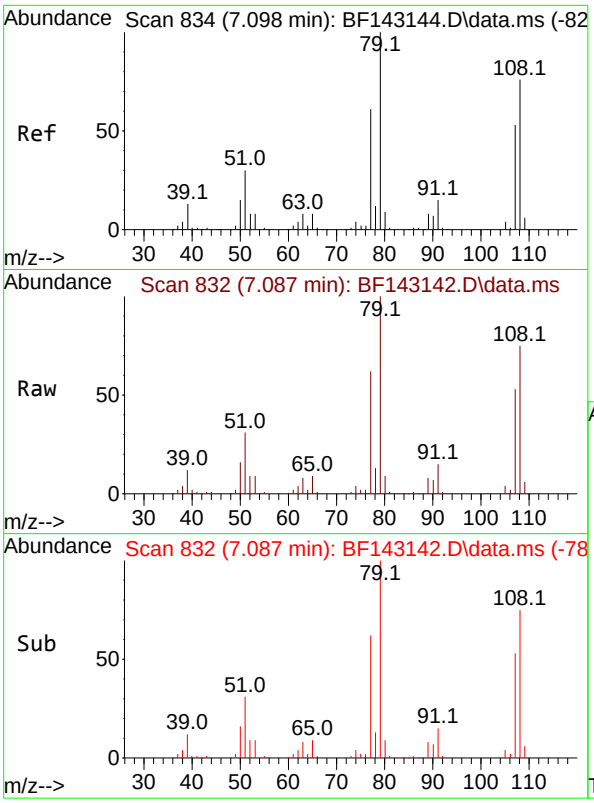


#14
1,2-Dichlorobenzene
Concen: 10.253 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 99226

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.5	36.6	54.8



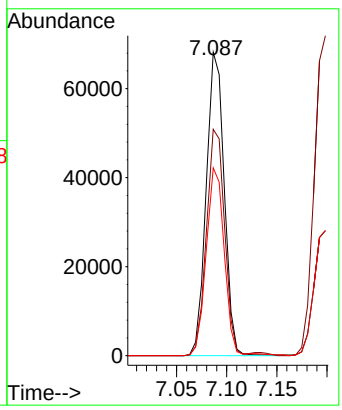


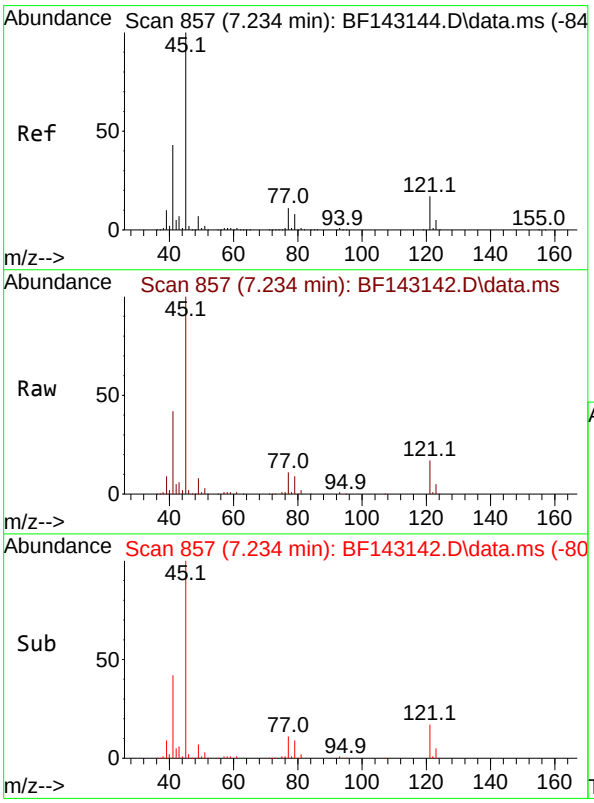
#15
Benzyl Alcohol
Concen: 9.996 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 85240

Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.1	91.7
77	61.9	48.9	73.3

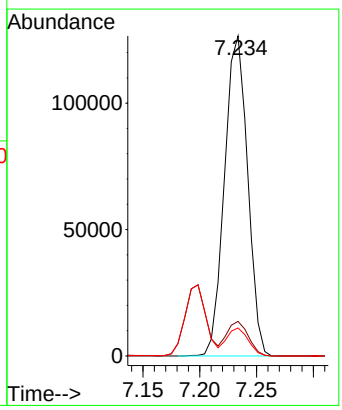


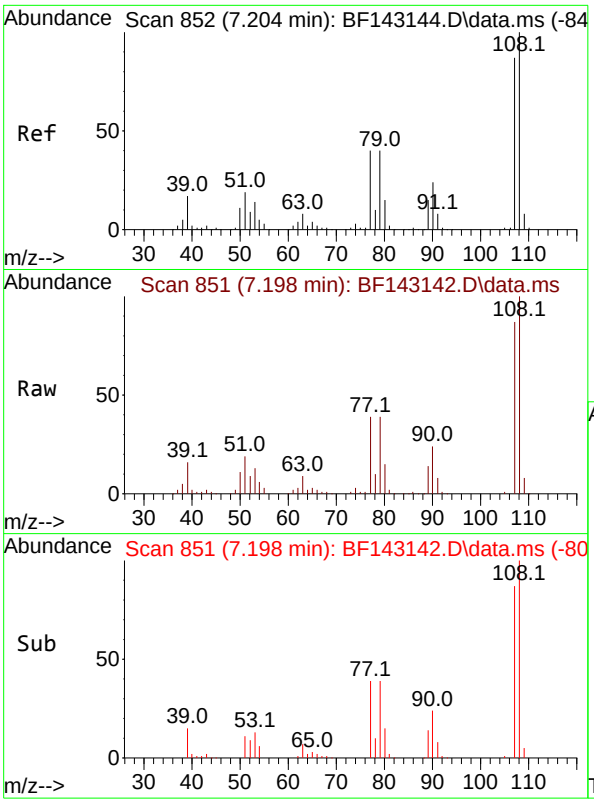


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.371 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 45 Resp: 179226

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.2
79	8.7	0.0	28.5



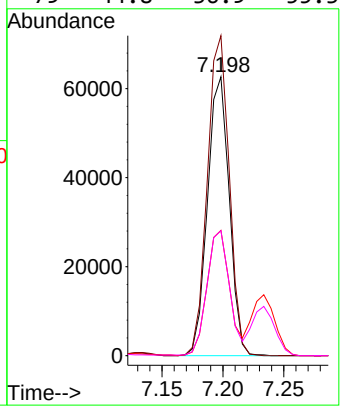


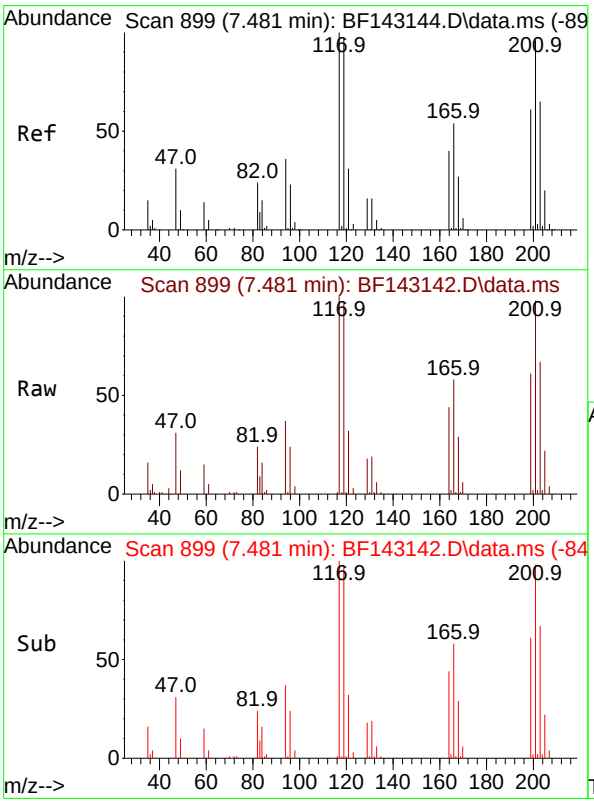
#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 78001

Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.8	137.6
77	45.0	37.0	55.6
79	44.8	36.9	55.3

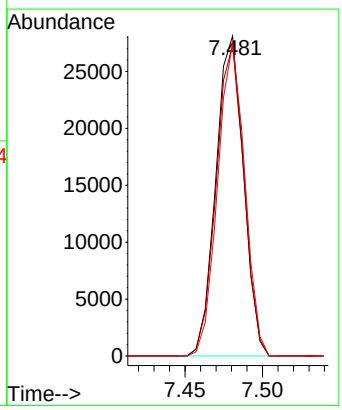


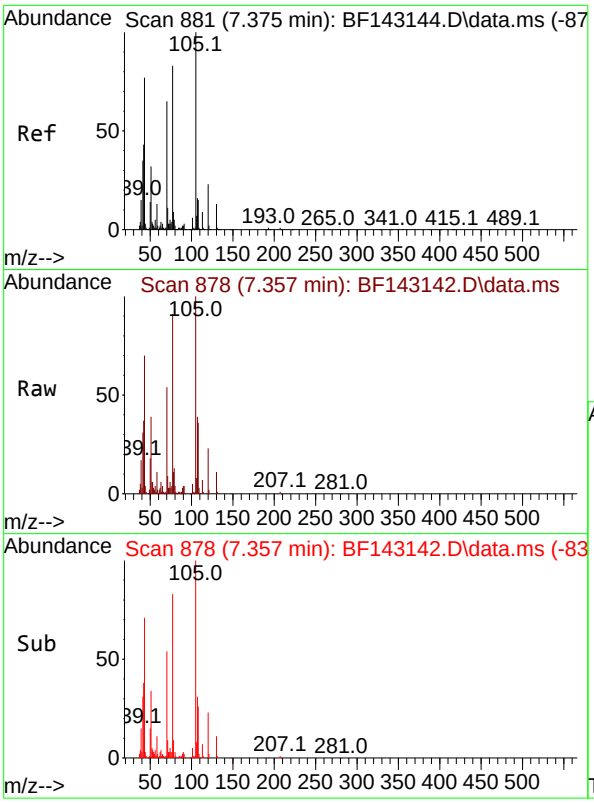


#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:117 Resp: 34985

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.8
201	97.7	77.0	115.4



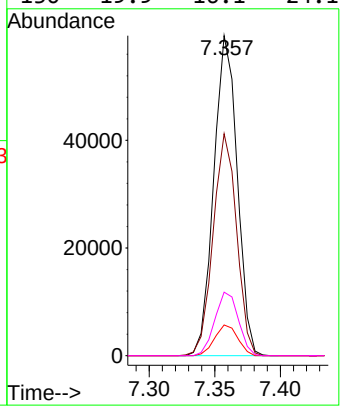


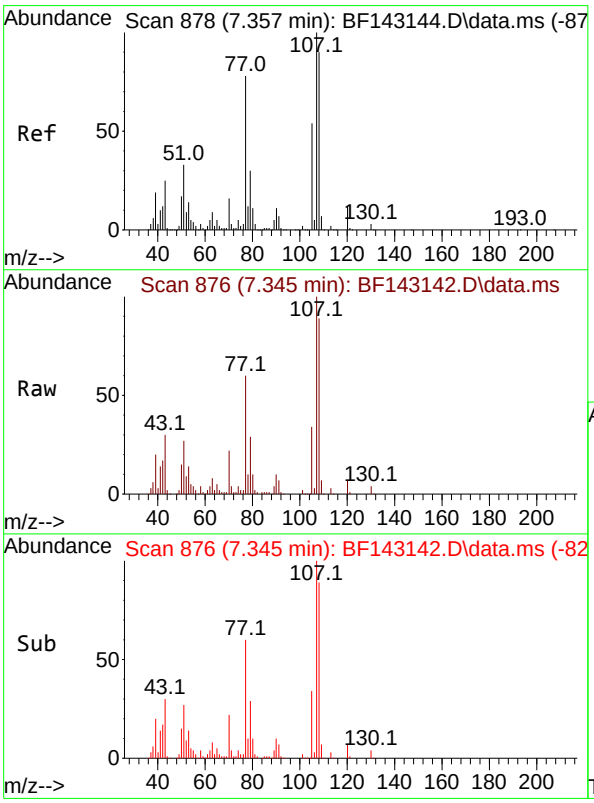
#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 73815

Ion	Ratio	Lower	Upper
70	100		
42	69.4	52.5	78.7
101	9.6	7.6	11.4
130	19.9	16.1	24.1

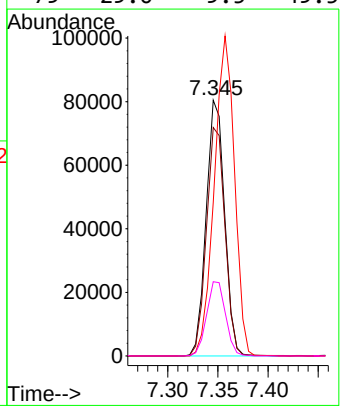


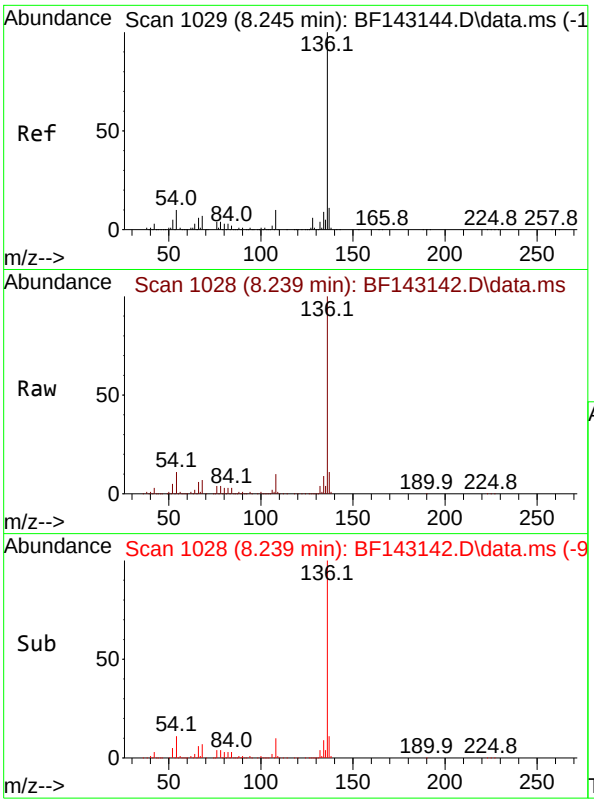


#20
3+4-Methylphenols
Concen: 10.858 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	60.0	57.8	97.8
79	29.0	9.5	49.5



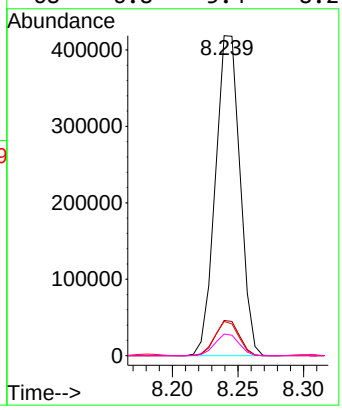


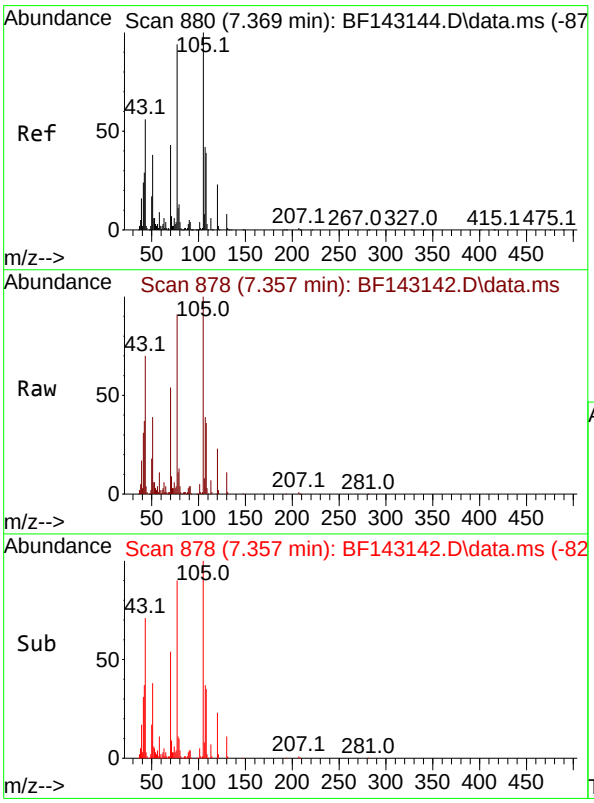
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 545730

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.7	8.2	12.2
68	6.8	5.4	8.2

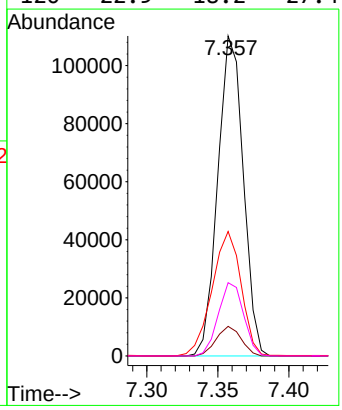


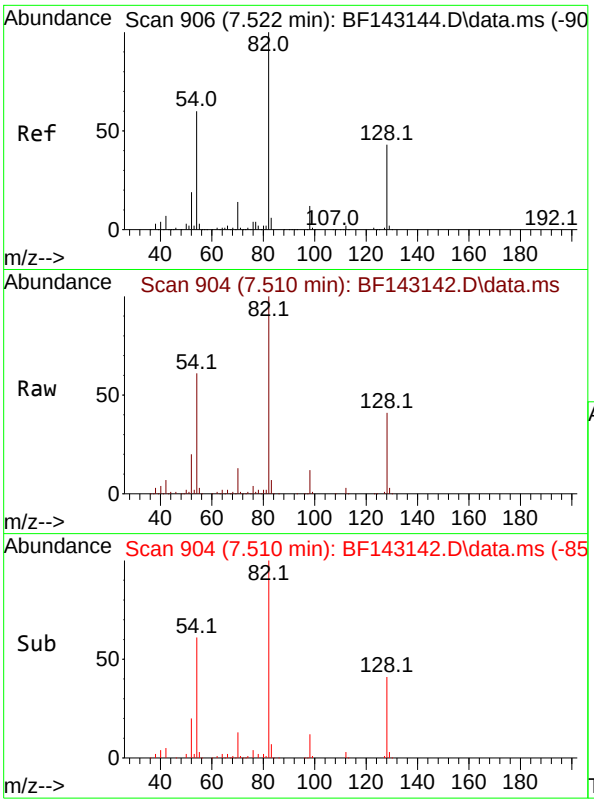


#22
Acetophenone
Concen: 10.645 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:105 Resp: 137532

Ion	Ratio	Lower	Upper
105	100		
71	9.3	5.8	8.6#
51	38.9	30.2	45.2
120	22.9	18.2	27.4



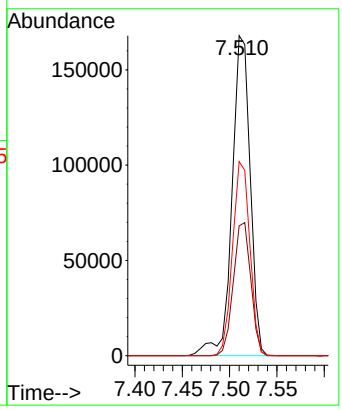


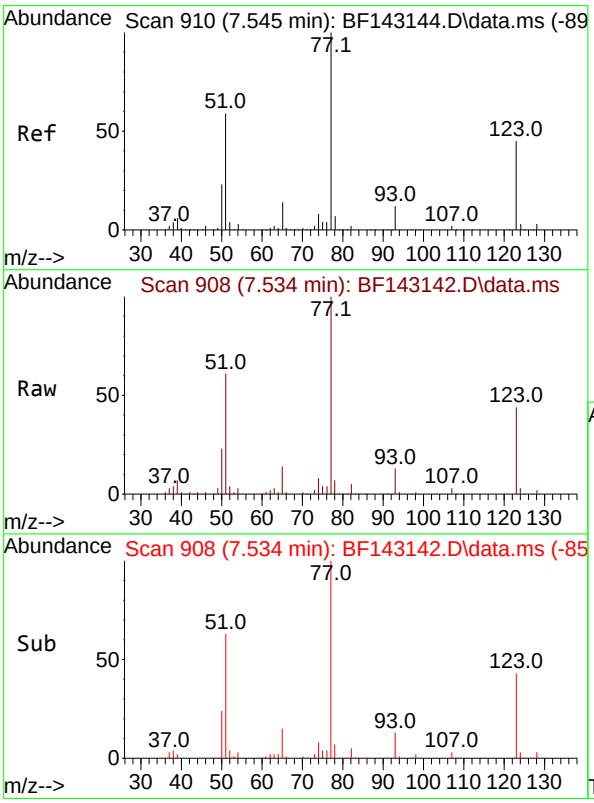
#23
Nitrobenzene-d5
Concen: 20.396 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 223300

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.6	50.4
54	60.7	47.1	70.7

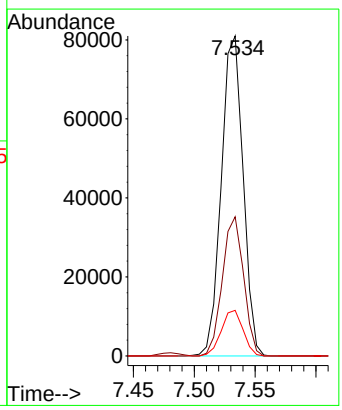


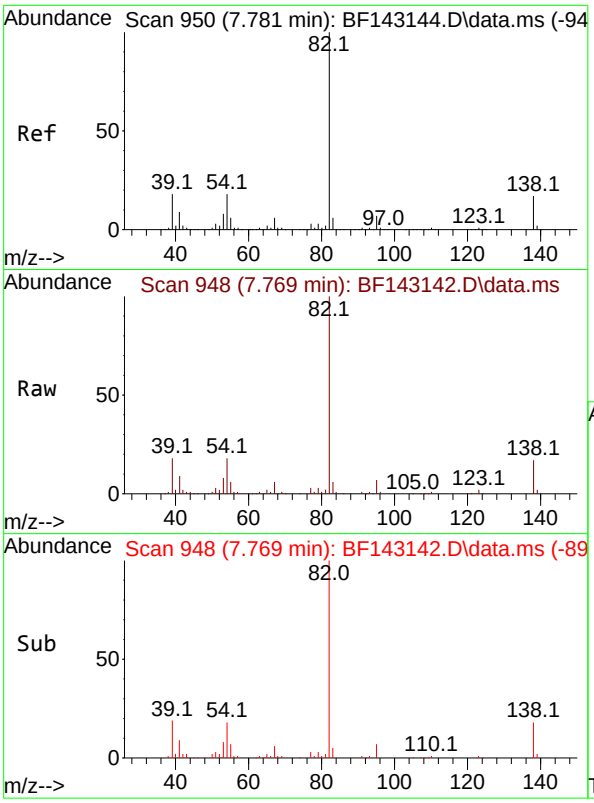


#24
Nitrobenzene
Concen: 9.879 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 100837

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.2	11.4	17.2



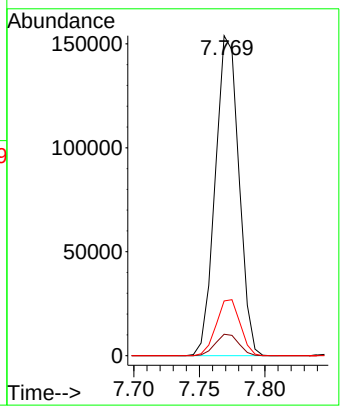


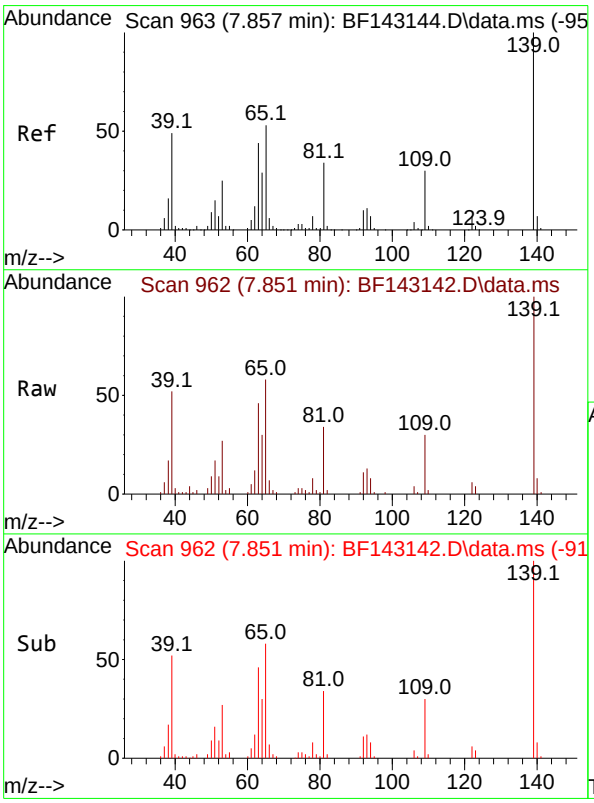
#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 192895

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.1	13.8	20.8

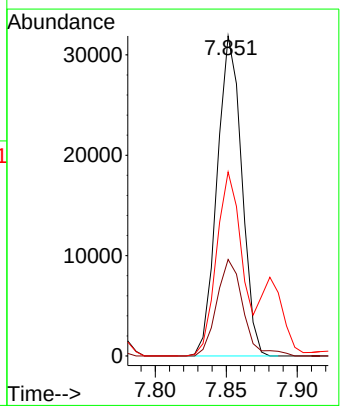


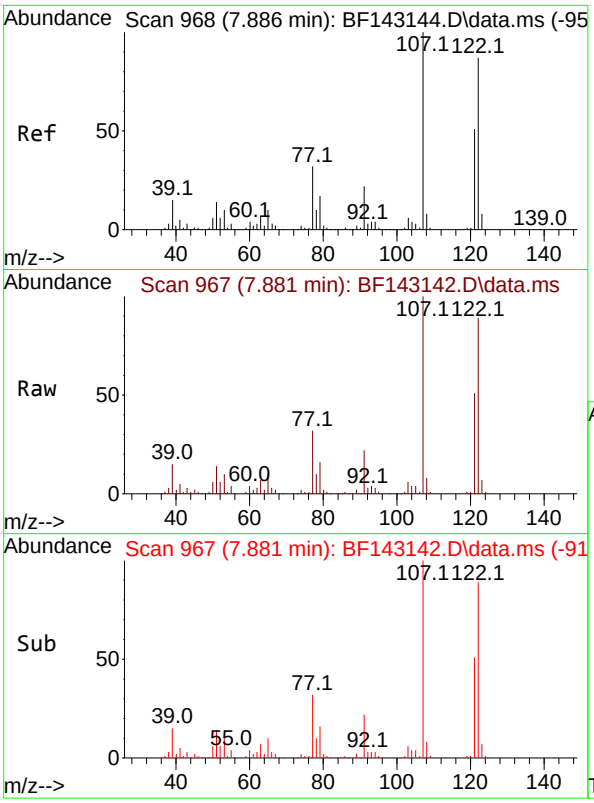


#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 38451

Ion	Ratio	Lower	Upper
139	100		
109	30.2	23.6	35.4
65	57.5	42.6	64.0



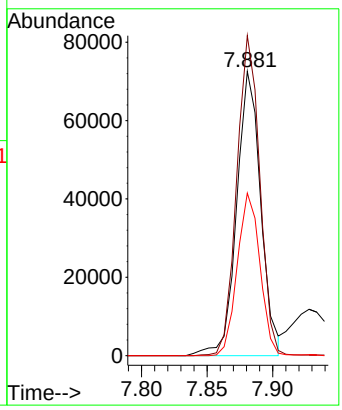


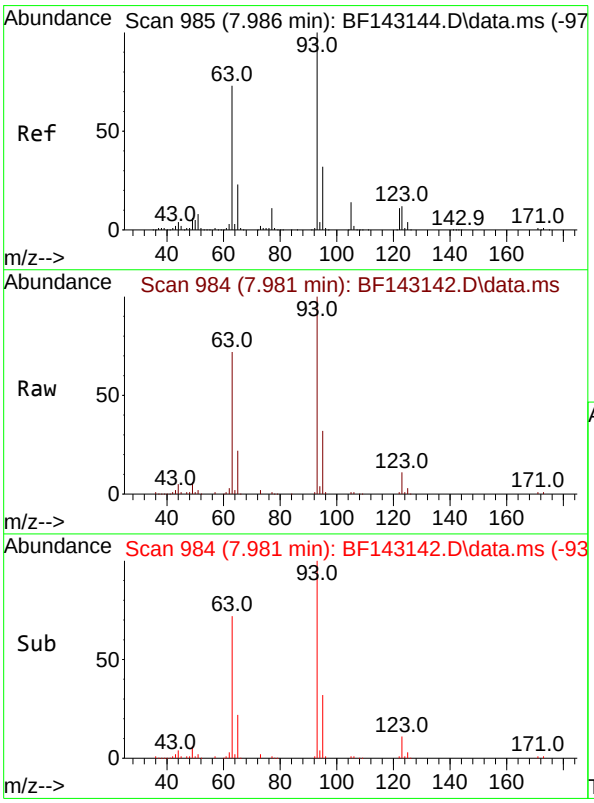
#27
2,4-Dimethylphenol
Concen: 10.269 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 92724

Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.8	137.6
121	57.2	46.3	69.5

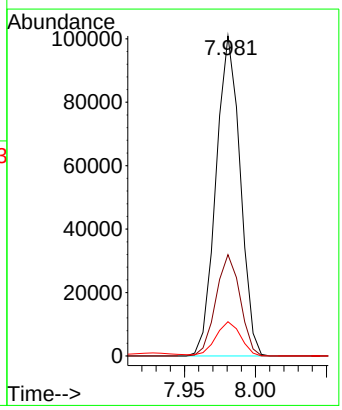


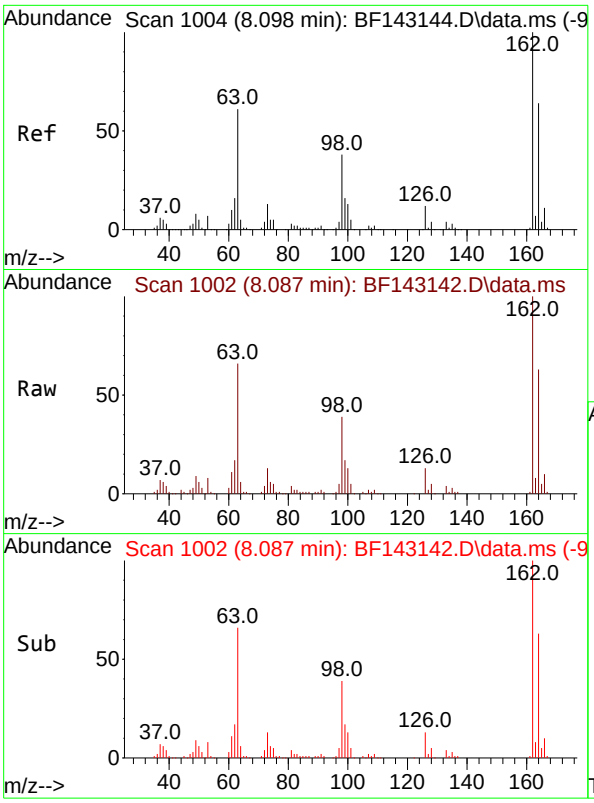


#28
bis(2-Chloroethoxy)methane
Concen: 10.297 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 119320

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.6
123	10.7	9.7	14.5



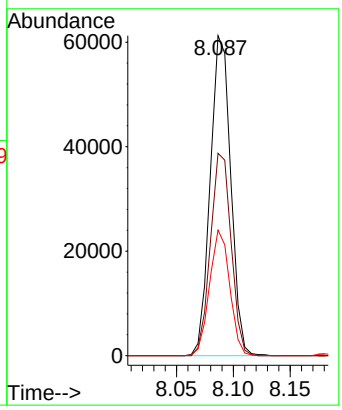


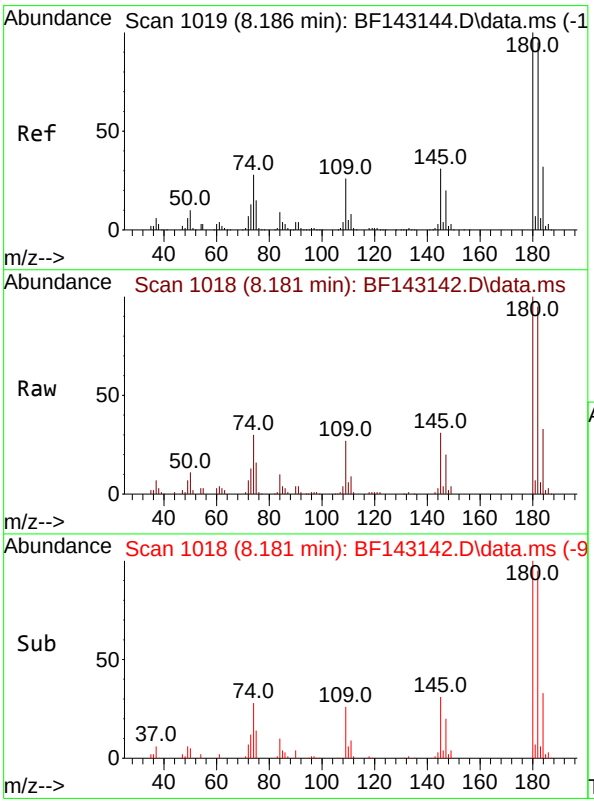
#29
2,4-Dichlorophenol
Concen: 10.091 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 76847

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.2	84.2
98	39.2	17.9	57.9

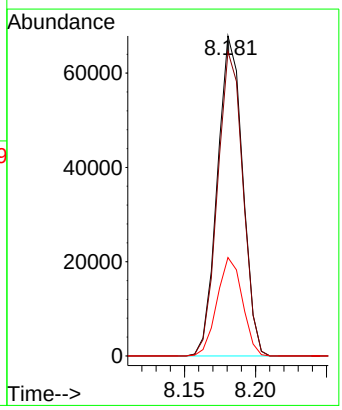


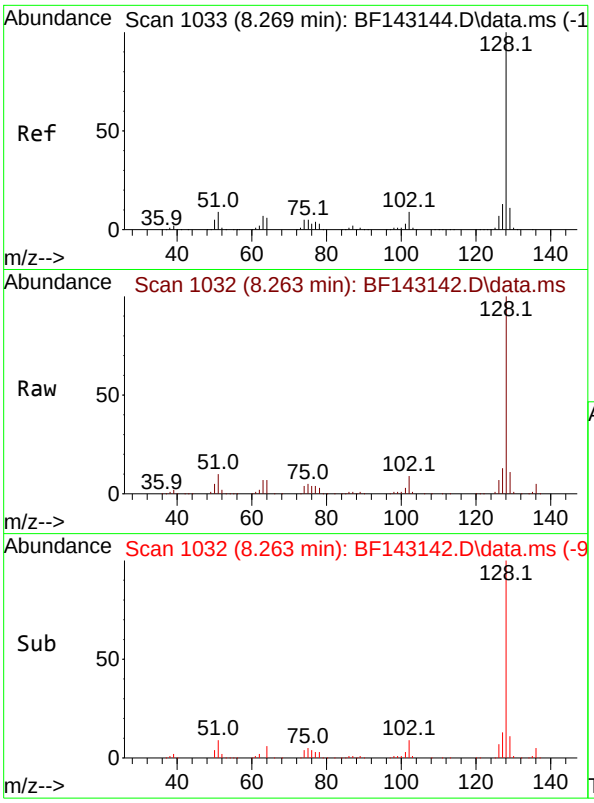


#30
1,2,4-Trichlorobenzene
Concen: 10.191 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:180 Resp: 83842

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	30.7	25.0	37.6



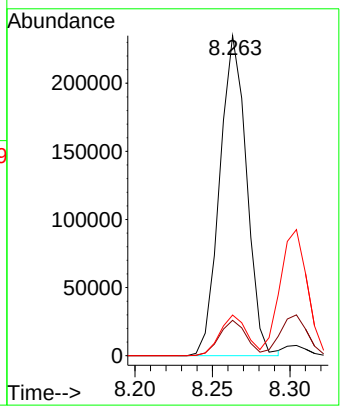


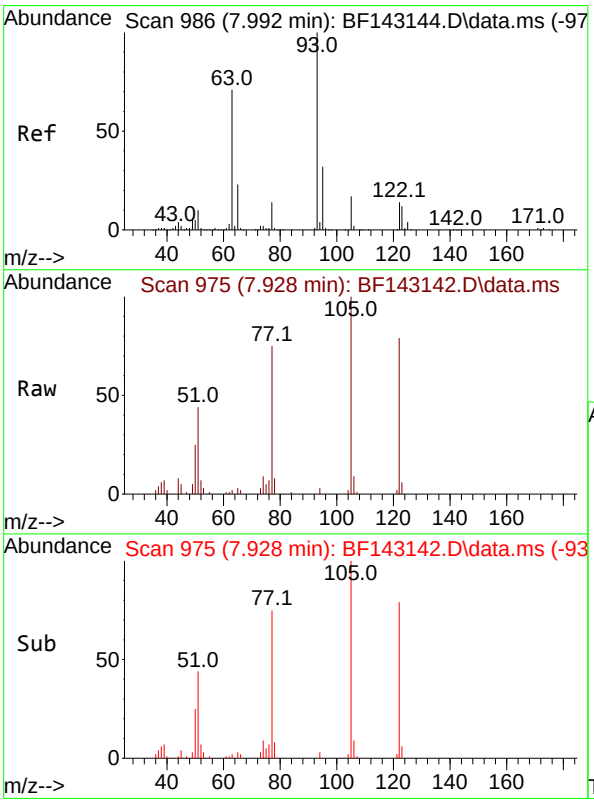
#31
Naphthalene
Concen: 10.534 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 283107

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.7	10.6	16.0

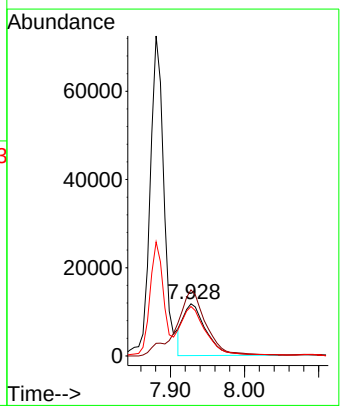


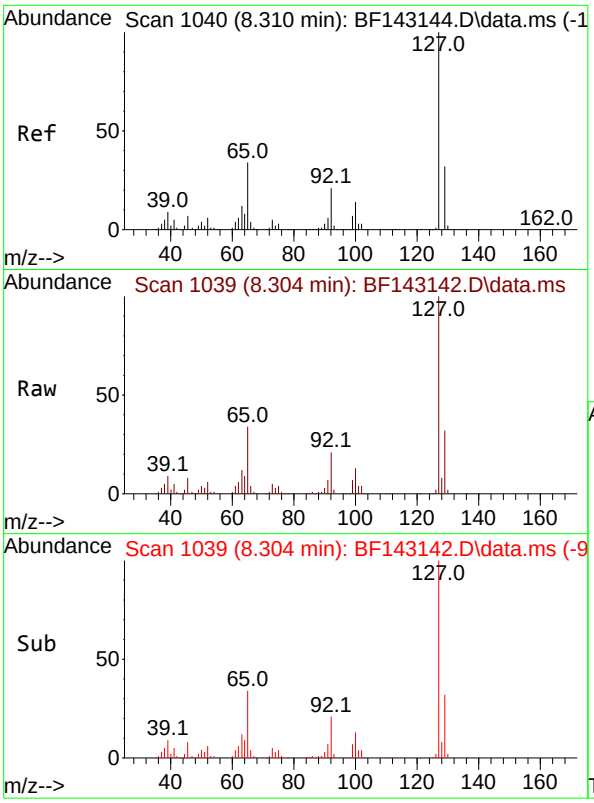


#32
Benzoic acid
Concen: 9.564 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 25309

Ion	Ratio	Lower	Upper
122	100		
105	126.6	104.8	144.8
77	94.6	77.6	117.6



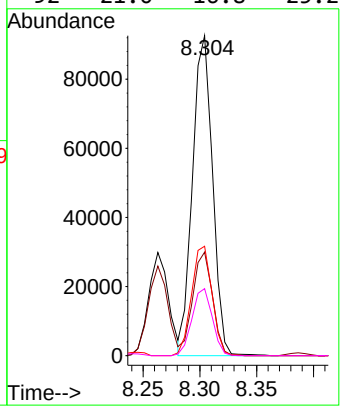


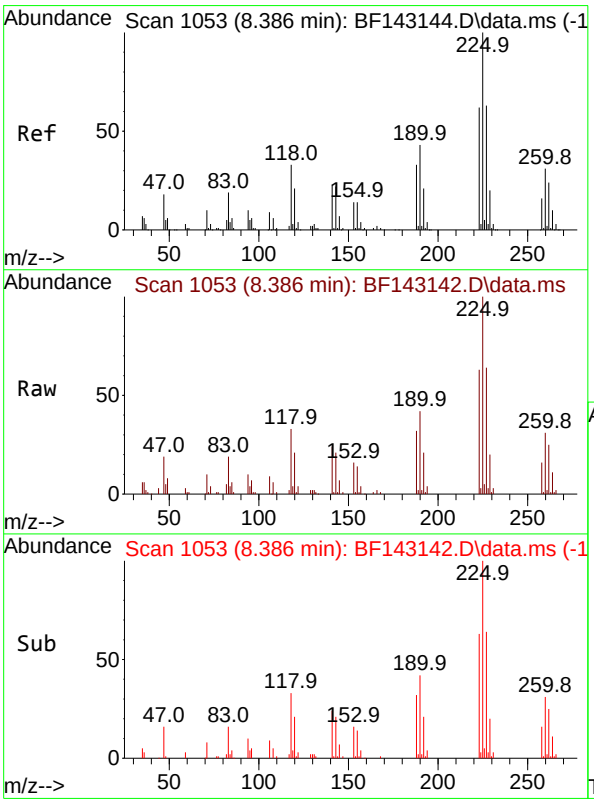
#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 113797

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.2	27.4	41.2
92	21.0	16.8	25.2

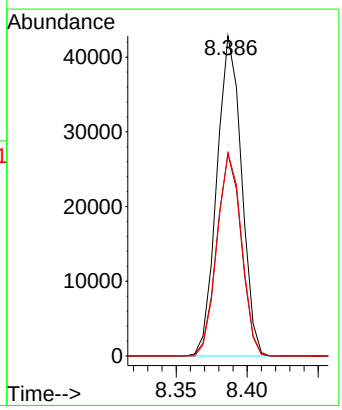


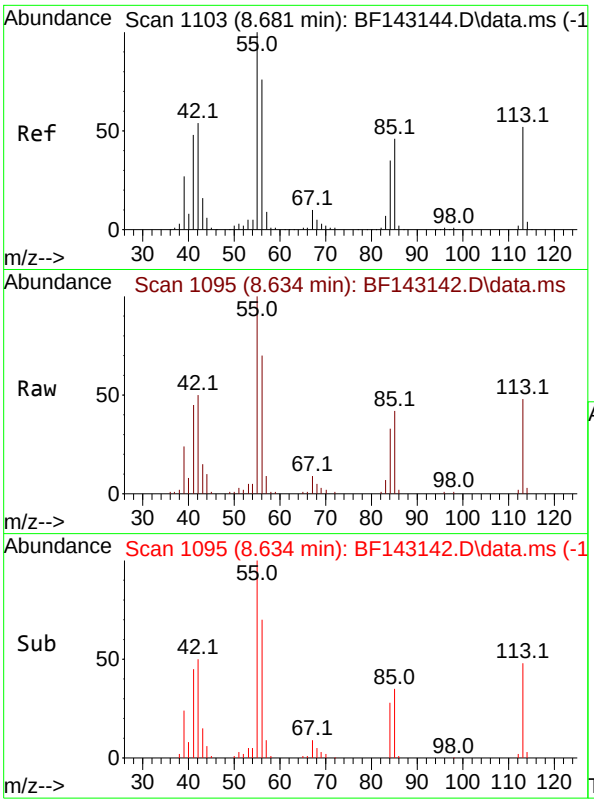


#34
Hexachlorobutadiene
Concen: 10.290 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:225 Resp: 51715

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.5	50.2	75.4



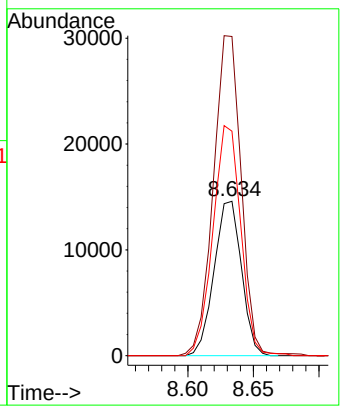


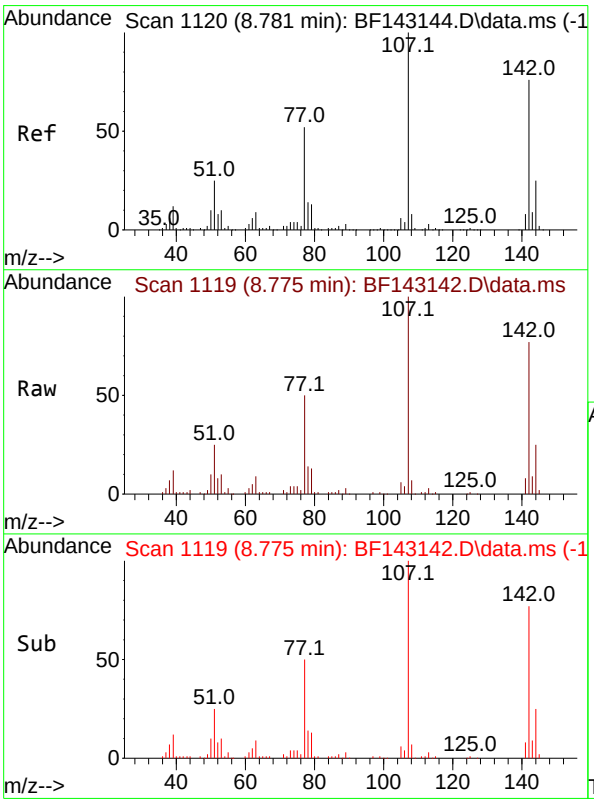
#35
Caprolactam
Concen: 9.194 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 21157

Ion	Ratio	Lower	Upper
113	100		
55	206.8	174.0	214.0
56	145.4	126.6	166.6

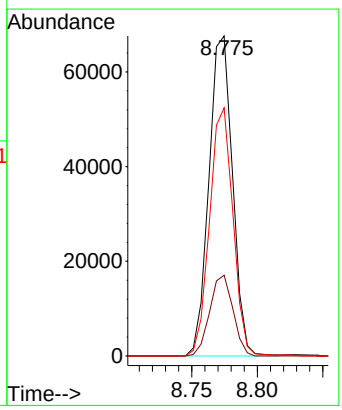


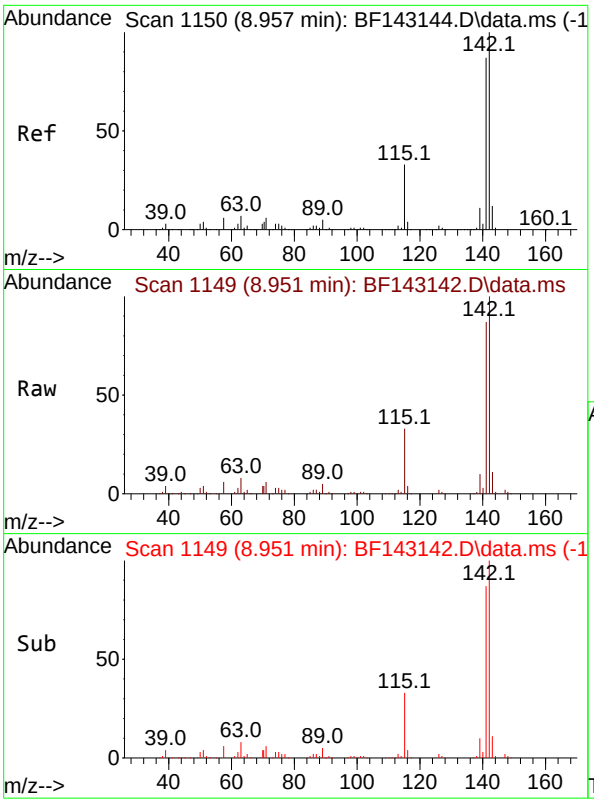


#36
4-Chloro-3-methylphenol
Concen: 10.227 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 84647

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	77.5	60.6	90.8



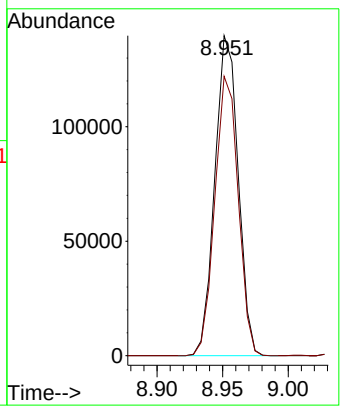


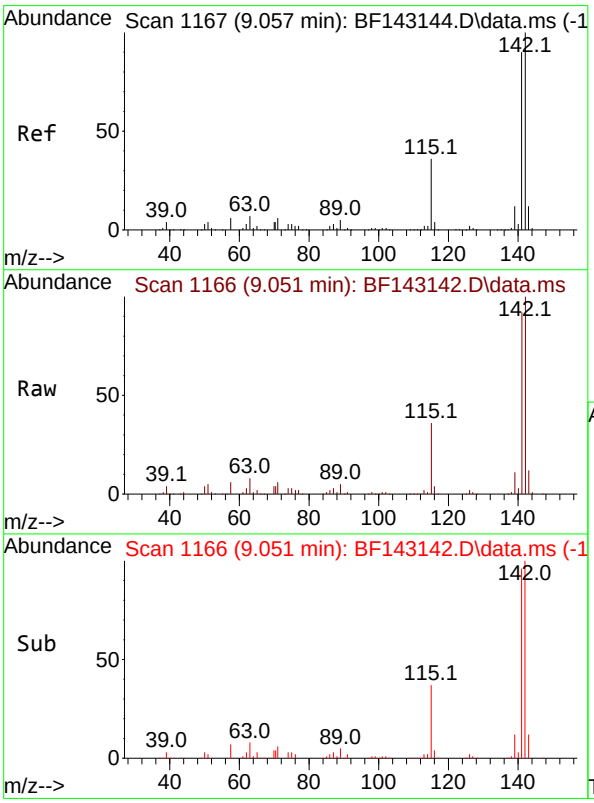
#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 172865

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9

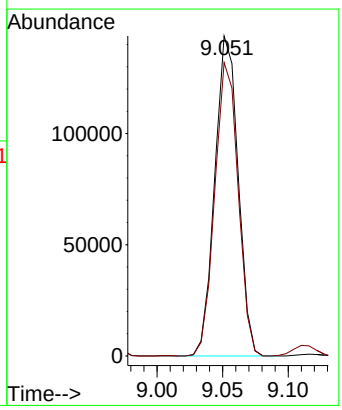


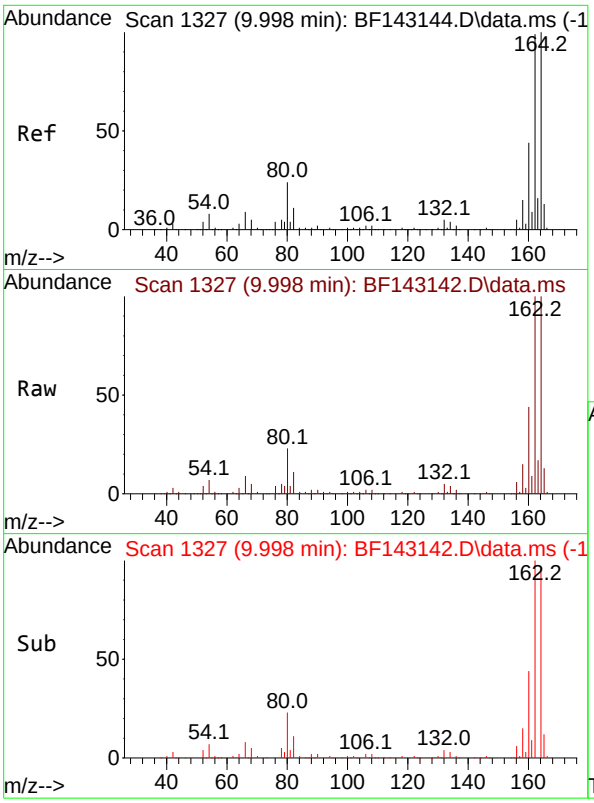


#38
1-Methylnaphthalene
Concen: 10.564 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 177917

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5



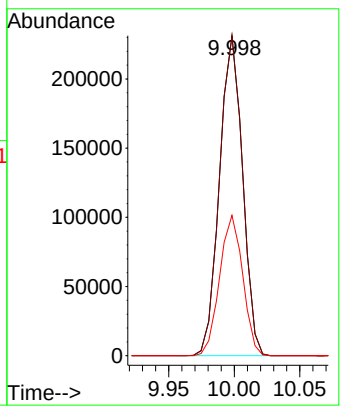


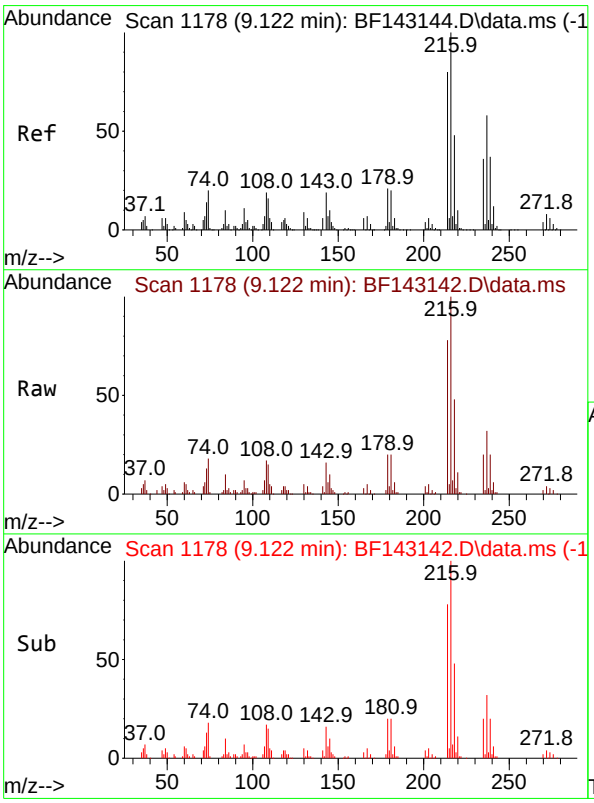
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 282580

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.0	118.6
160	43.9	35.1	52.7

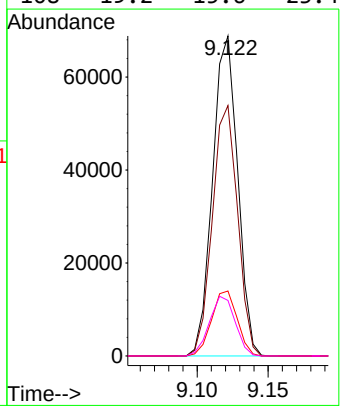


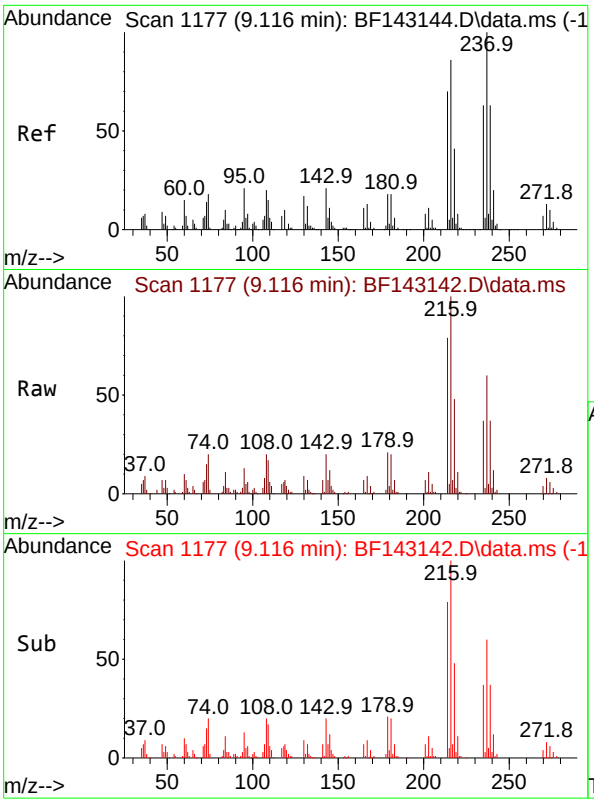


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.357 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:216 Resp: 84494

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	20.8	16.4	24.6
108	19.2	15.6	23.4



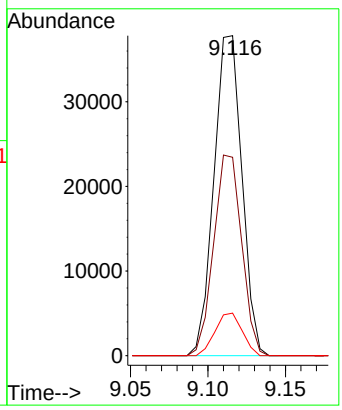


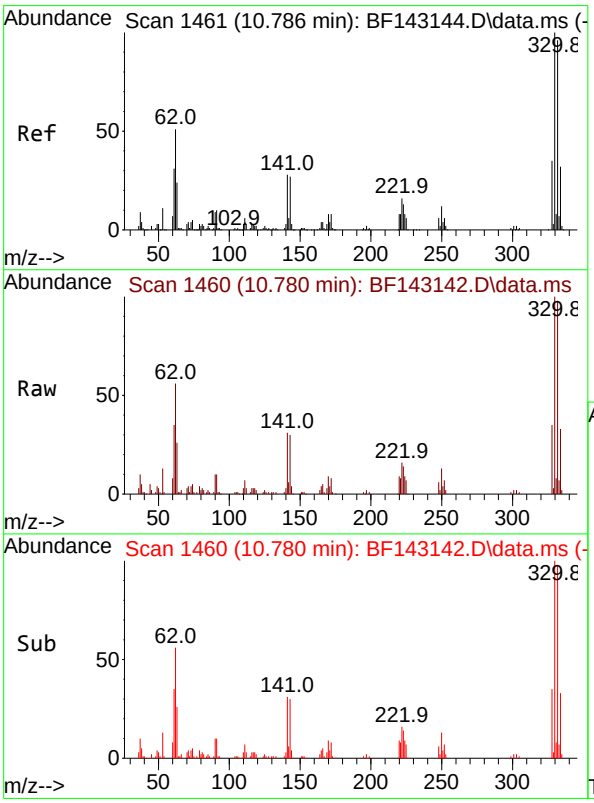
#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 47577

Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.0	83.0
272	13.3	0.0	33.3

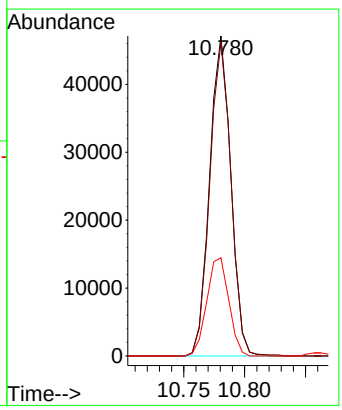


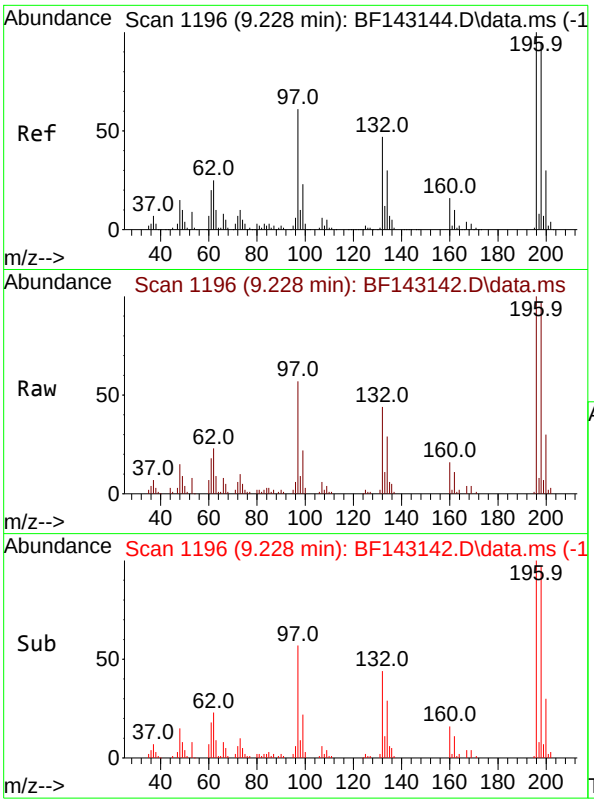


#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:330 Resp: 56961

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.7	115.1
141	32.0	23.3	34.9



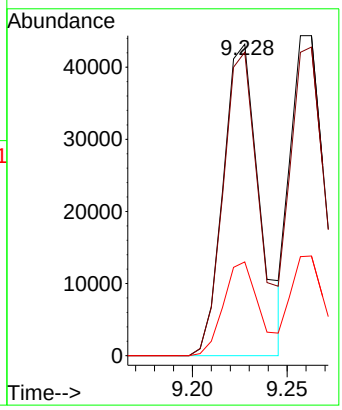


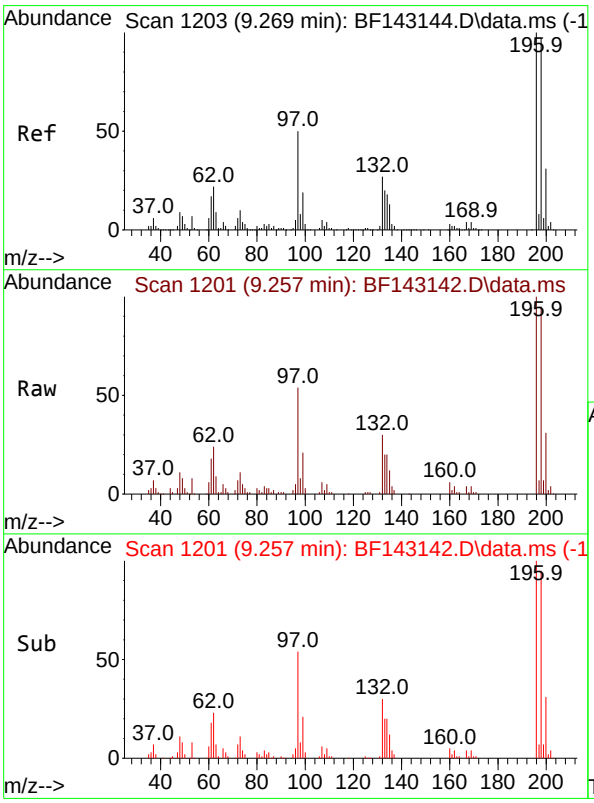
#43
2,4,6-Trichlorophenol
Concen: 10.165 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 57396

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.2
200	30.1	23.9	35.9

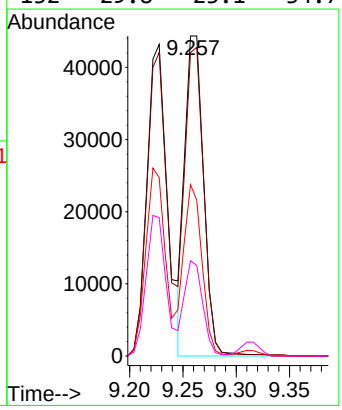


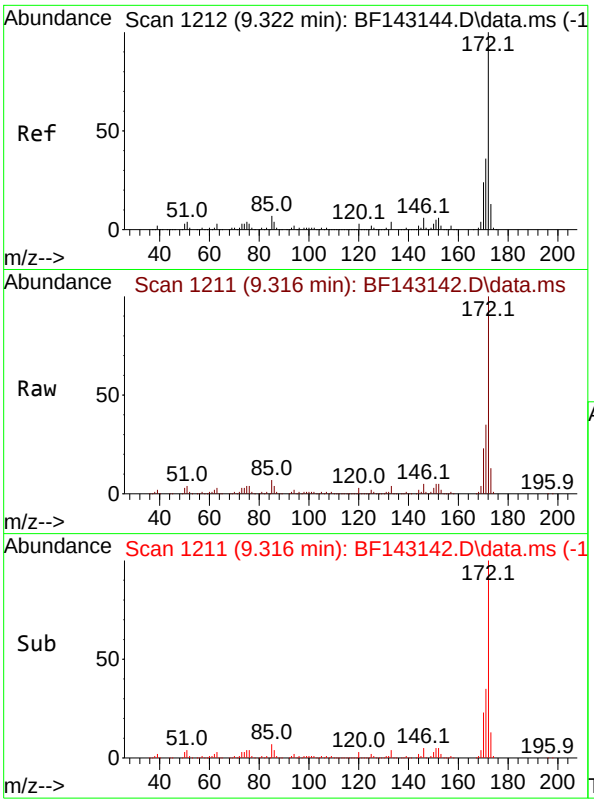


#44
2,4,5-Trichlorophenol
Concen: 9.688 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 54716

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.5	40.3	60.5
132	29.8	23.1	34.7



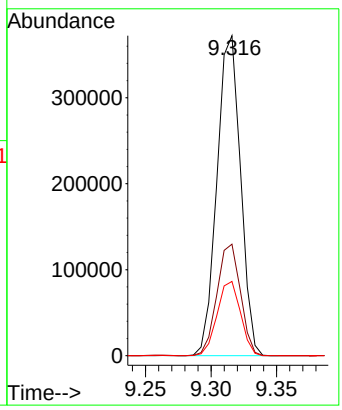


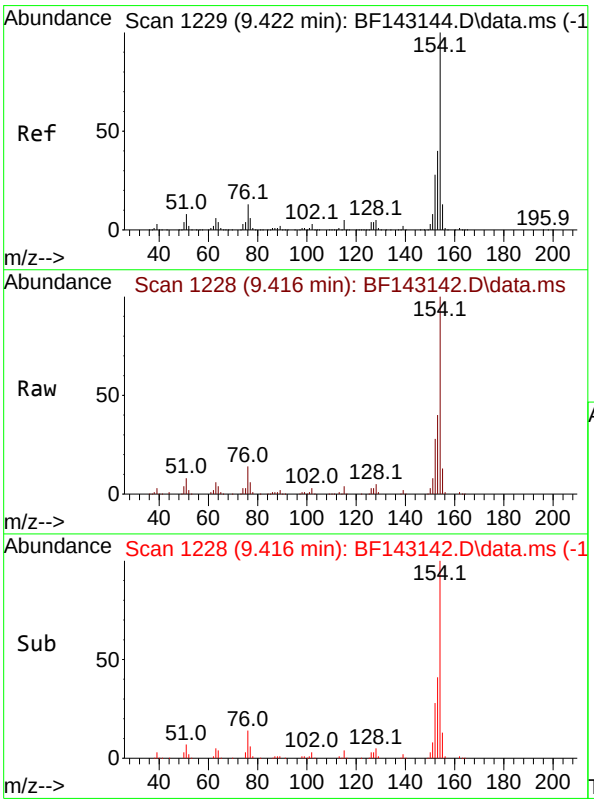
#45
2-Fluorobiphenyl
Concen: 22.489 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 464669

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.8	28.2

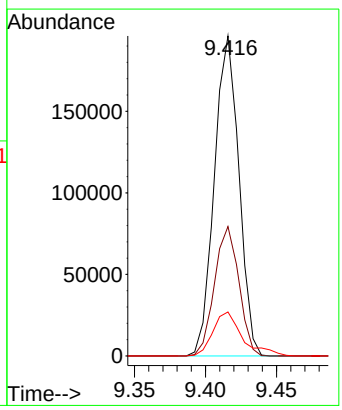


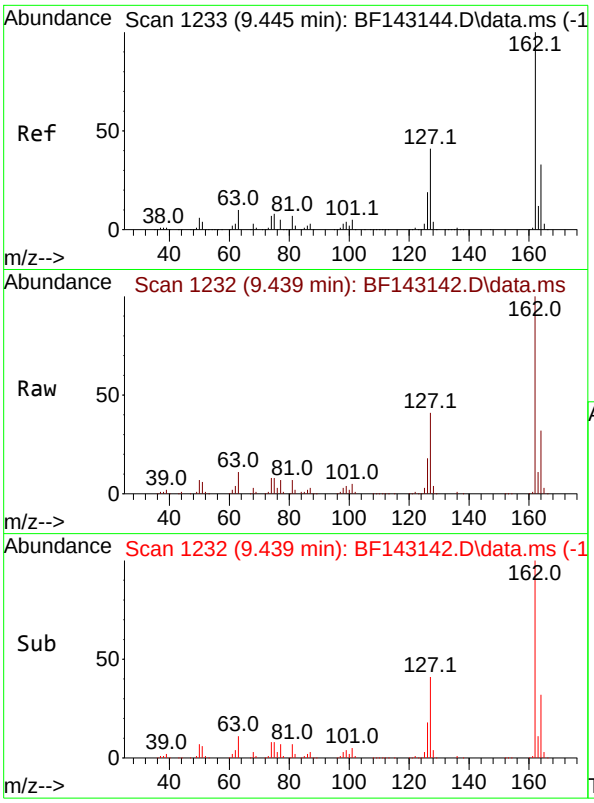


#46
1,1'-Biphenyl
Concen: 10.680 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 235467

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3



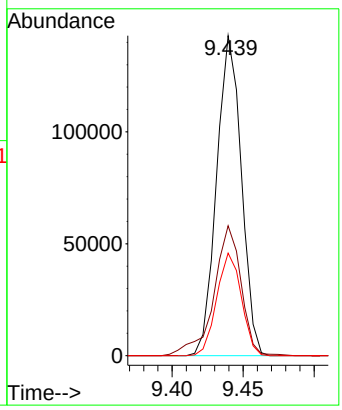


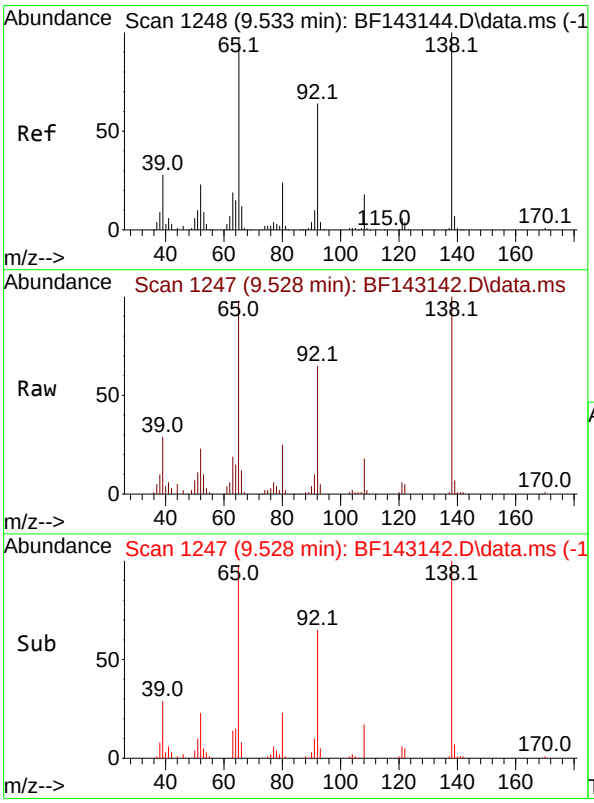
#47
2-Chloronaphthalene
Concen: 10.595 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 172831

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.0	26.2	39.2

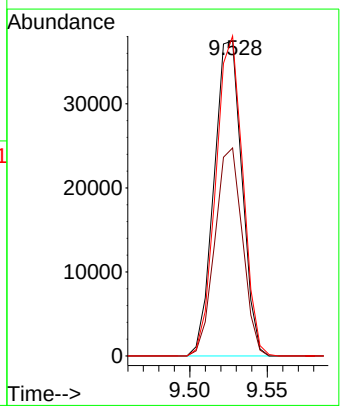


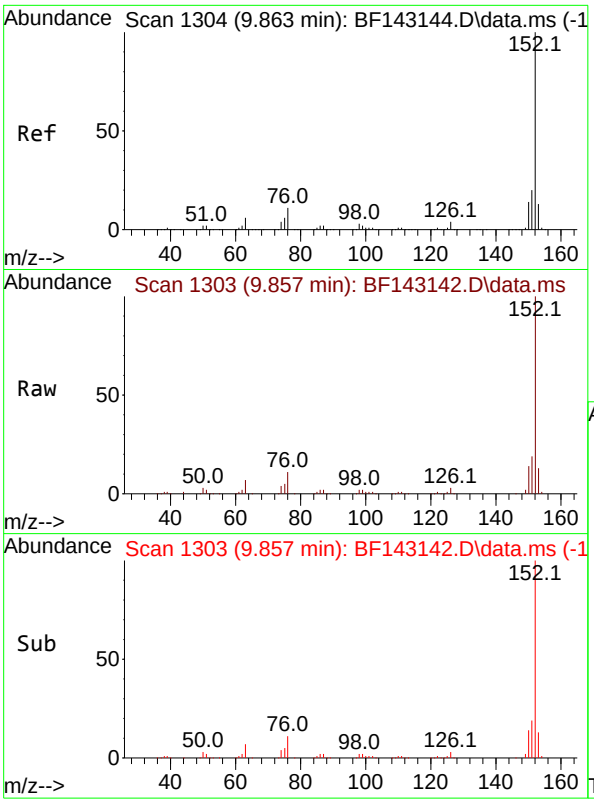


#48
2-Nitroaniline
Concen: 9.198 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 65 Resp: 47055

Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.4	78.6
138	101.6	82.3	123.5



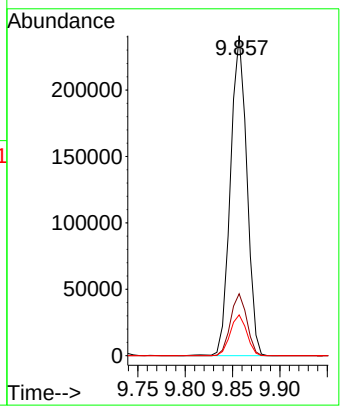


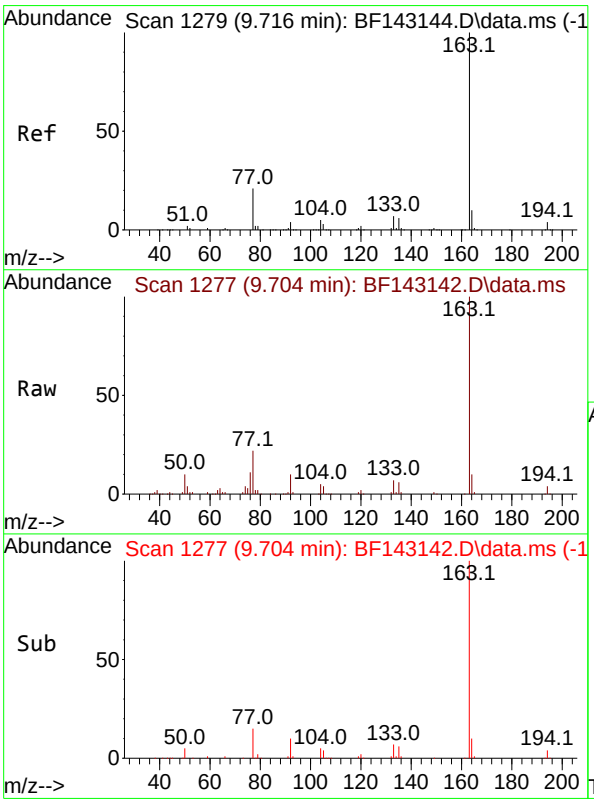
#49
Acenaphthylene
Concen: 10.607 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 289989

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	12.8	10.6	16.0

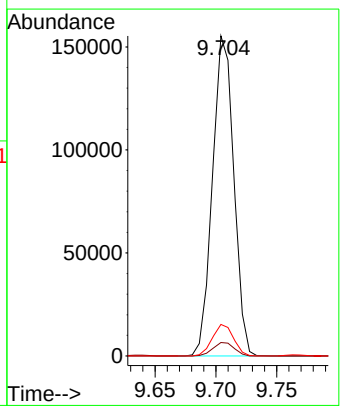


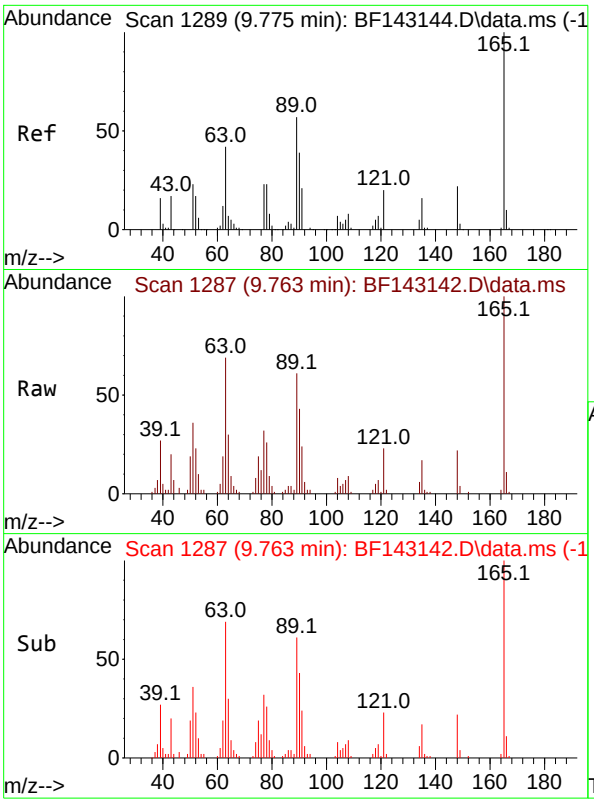


#50
Dimethylphthalate
Concen: 10.283 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:163 Resp: 189399

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.3	12.5



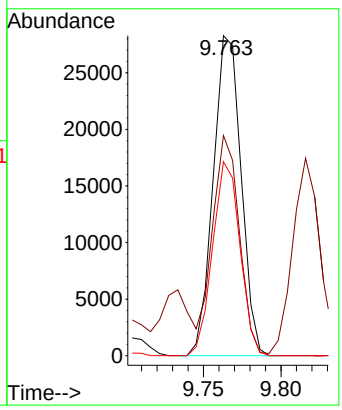


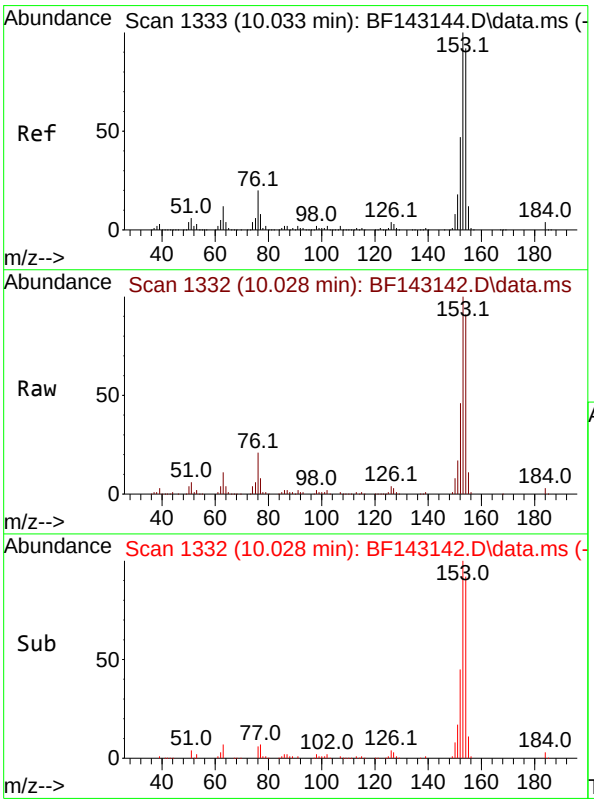
#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 35364

Ion	Ratio	Lower	Upper
165	100		
63	68.8	49.4	74.2
89	60.6	46.2	69.2

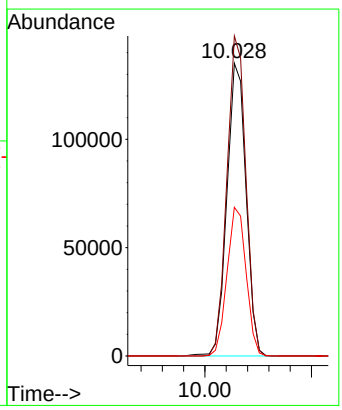


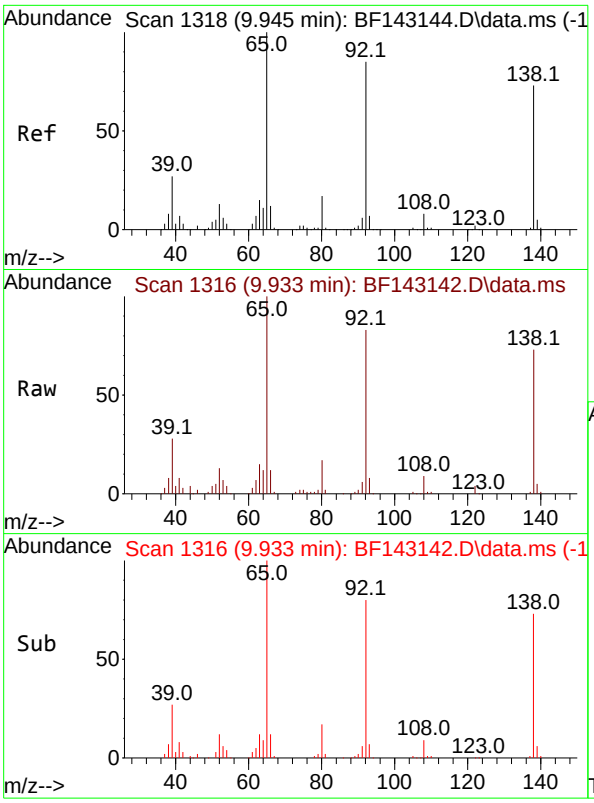


#52
Acenaphthene
Concen: 10.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 168698

Ion	Ratio	Lower	Upper
154	100		
153	109.3	86.6	129.8
152	50.8	40.4	60.6



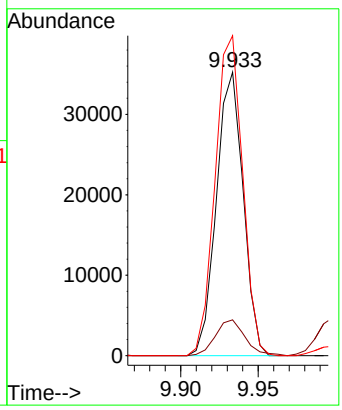


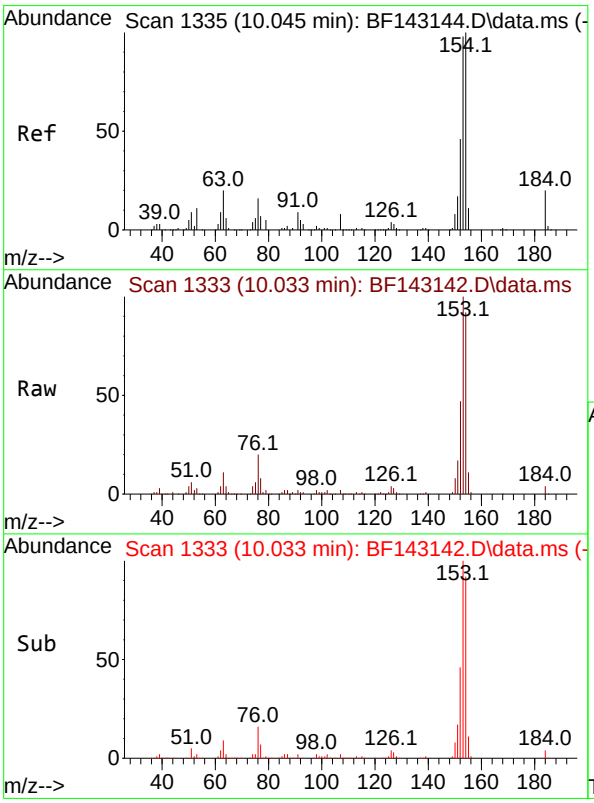
#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 42367

Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.0	13.6
92	112.9	93.0	139.4

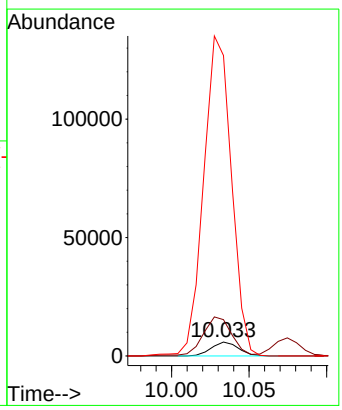


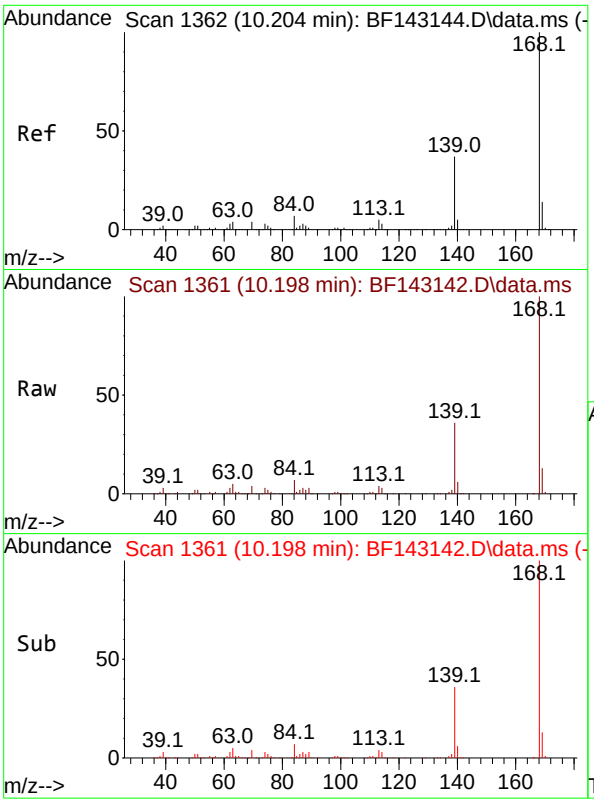


#54
2,4-Dinitrophenol
Concen: 10.522 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 7147

Ion	Ratio	Lower	Upper
184	100		
63	261.5	81.8	122.6#
154	2164.9	412.2	618.4#



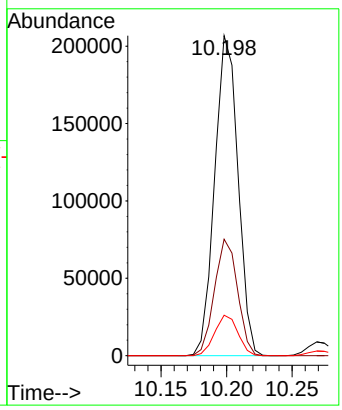


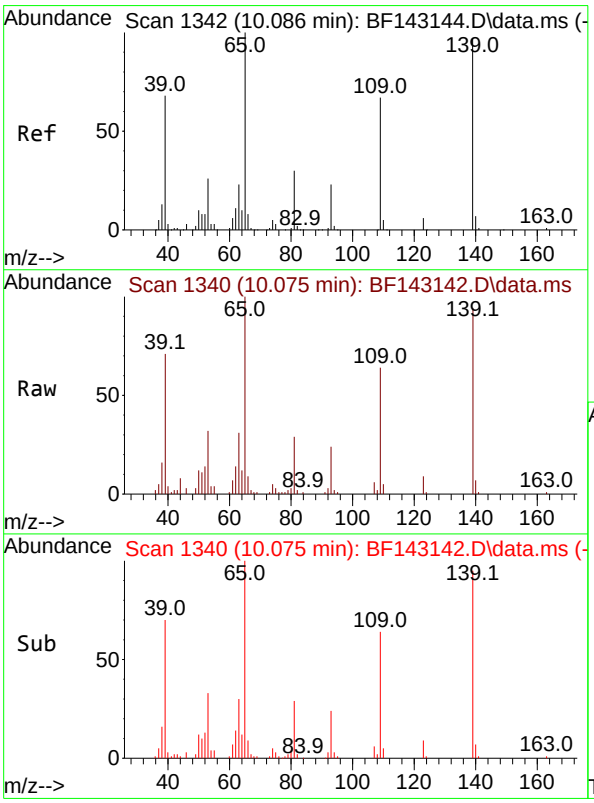
#55
Dibenzofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 255272

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.5	44.3
169	12.7	10.9	16.3

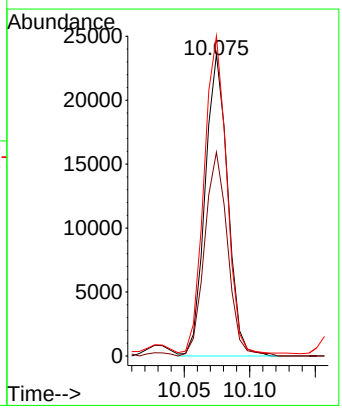


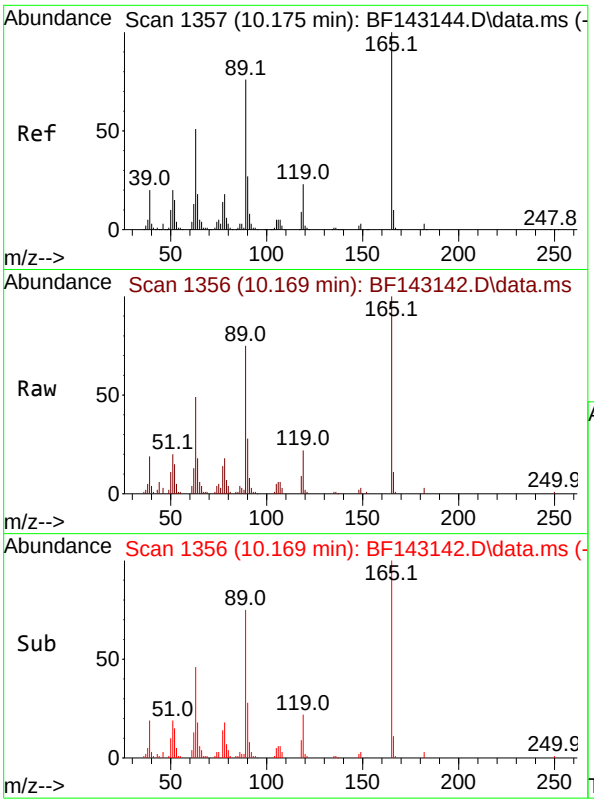


#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 28233

Ion	Ratio	Lower	Upper
139	100		
109	67.5	48.5	88.5
65	106.0	83.4	123.4



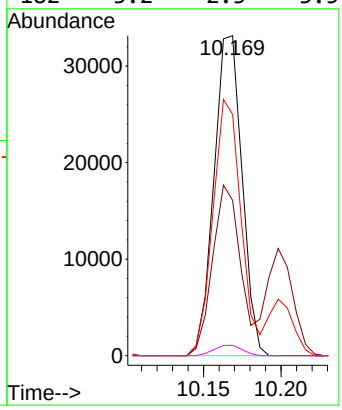


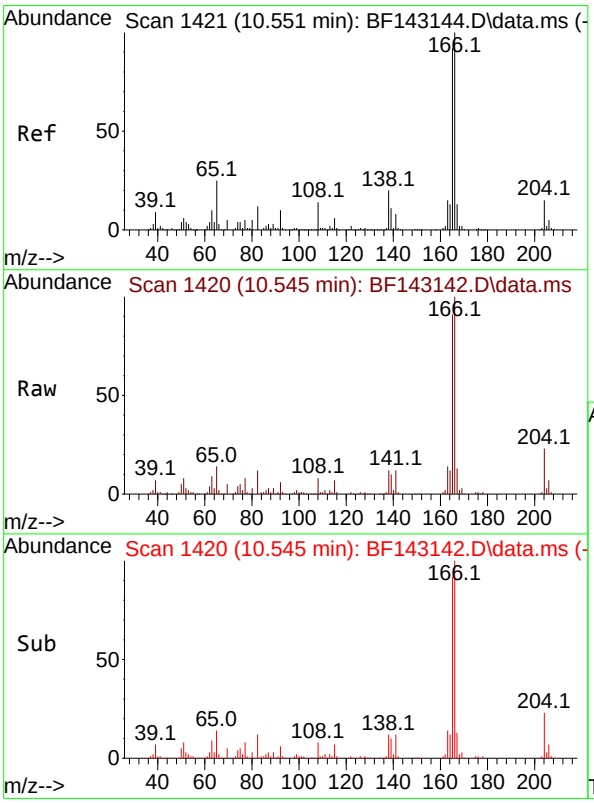
#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 41815

Ion	Ratio	Lower	Upper
165	100		
63	48.5	41.0	61.4
89	75.4	61.1	91.7
182	3.2	2.3	3.5

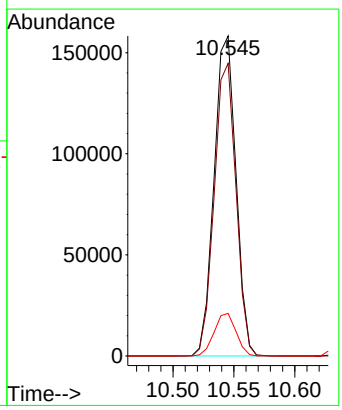


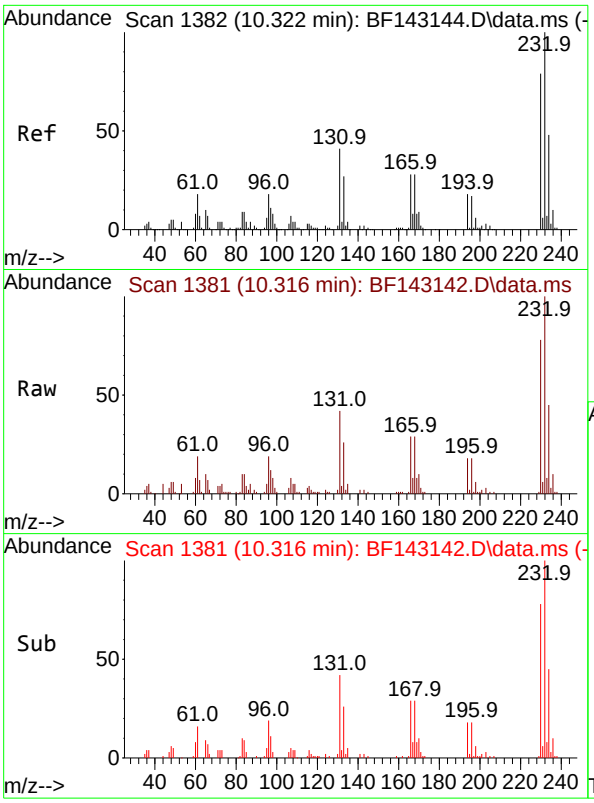


#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:166 Resp: 198041

Ion	Ratio	Lower	Upper
166	100		
165	91.4	73.7	110.5
167	13.3	10.6	16.0



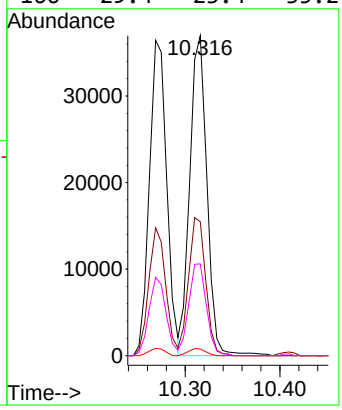


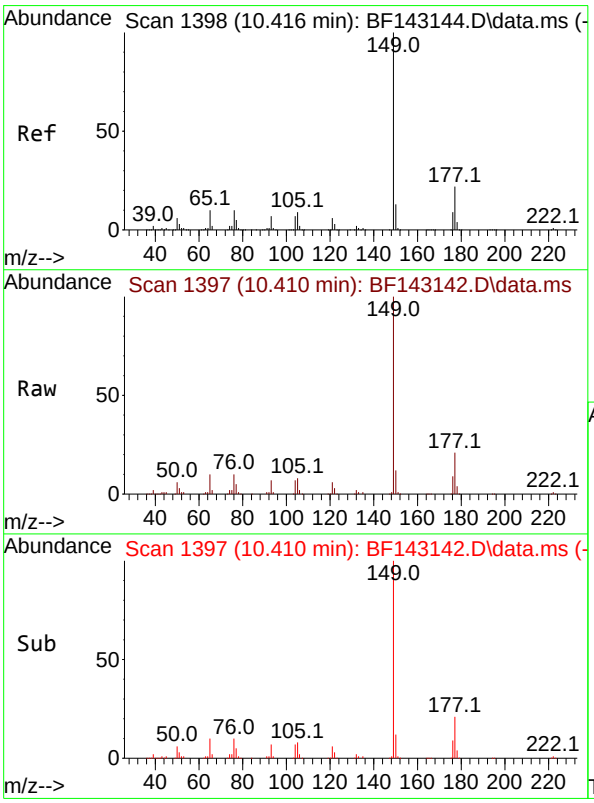
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 46720

Ion	Ratio	Lower	Upper
232	100		
131	43.0	35.3	52.9
130	2.2	1.7	2.5
166	29.4	23.4	35.2

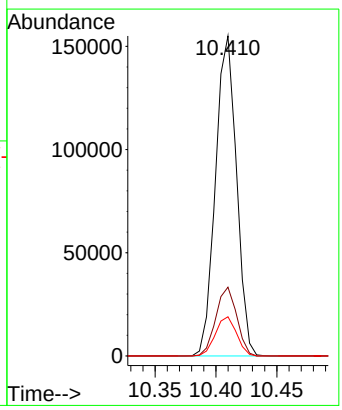


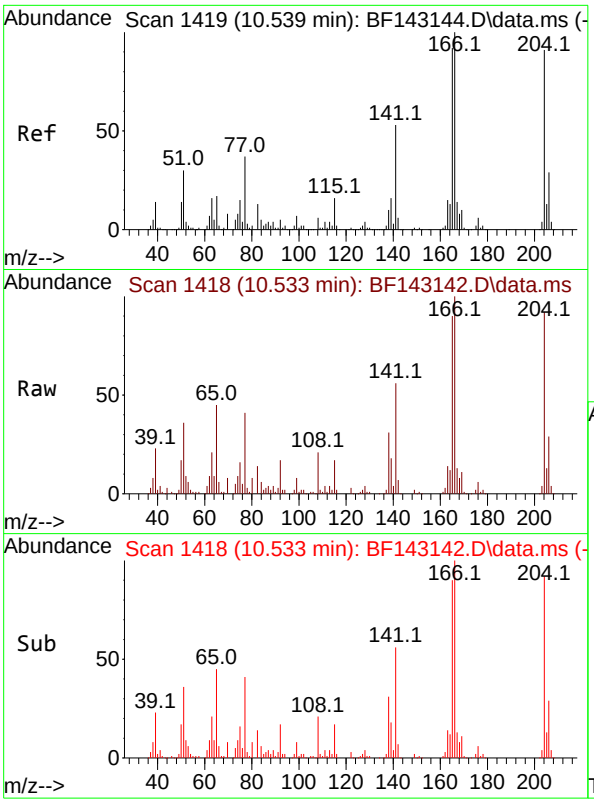


#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 186802

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.3	10.2	15.2



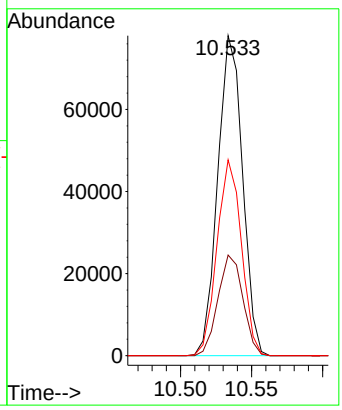


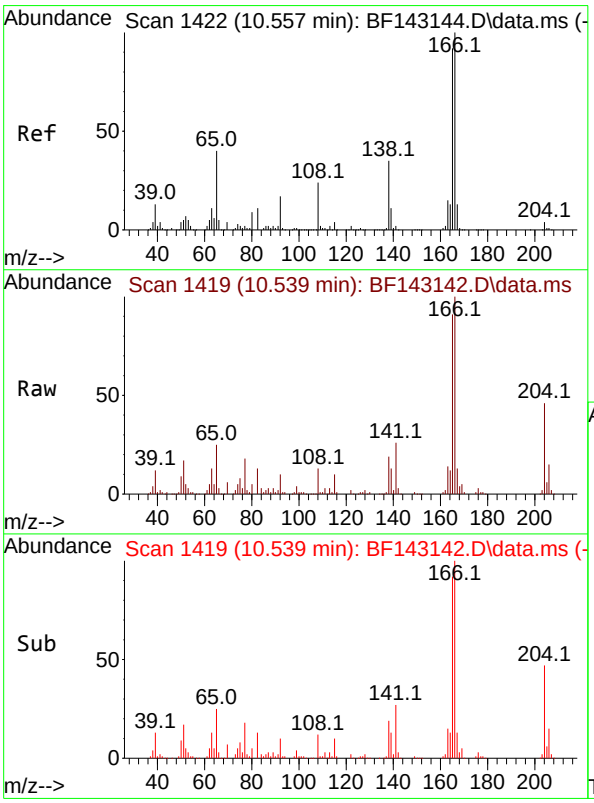
#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 94685

Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.8	38.8
141	61.2	47.0	70.4

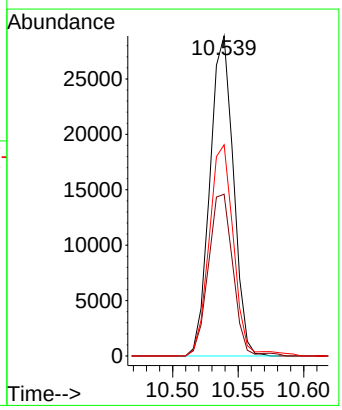


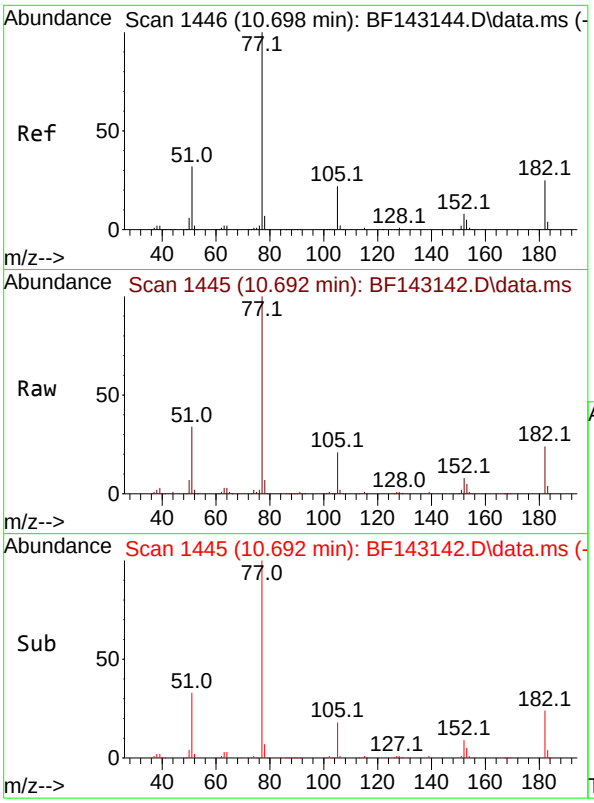


#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 35962

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.3	69.3
108	66.0	48.3	88.3



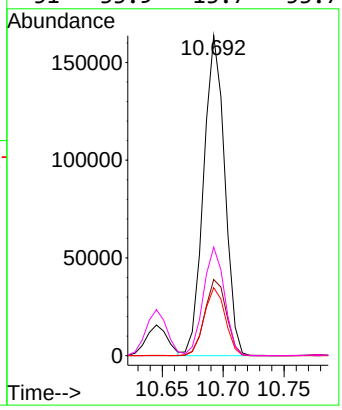


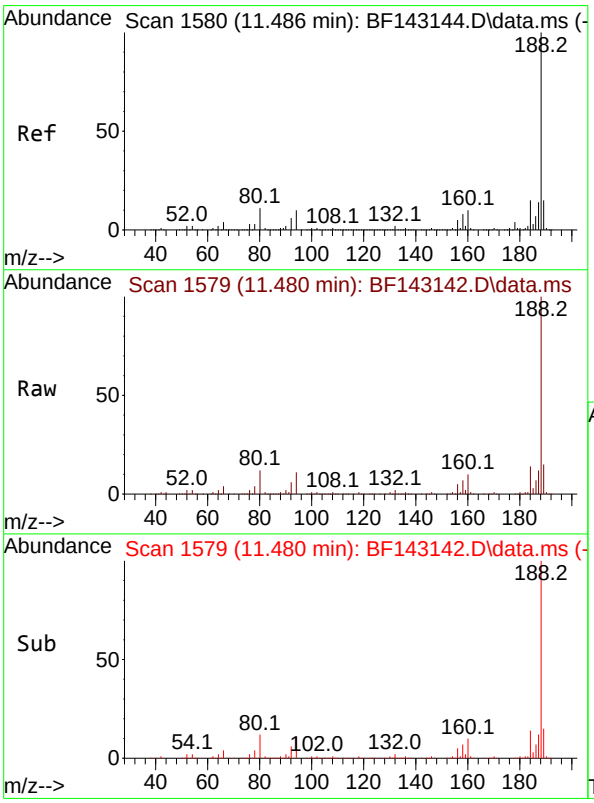
#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 197998

Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.6	44.6
105	21.2	1.4	41.4
51	33.9	13.7	53.7

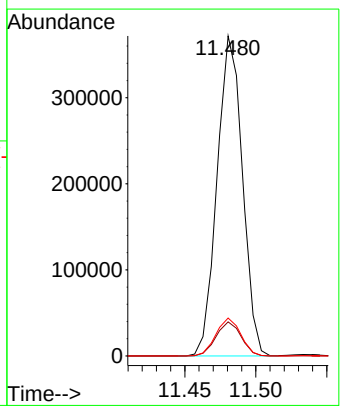


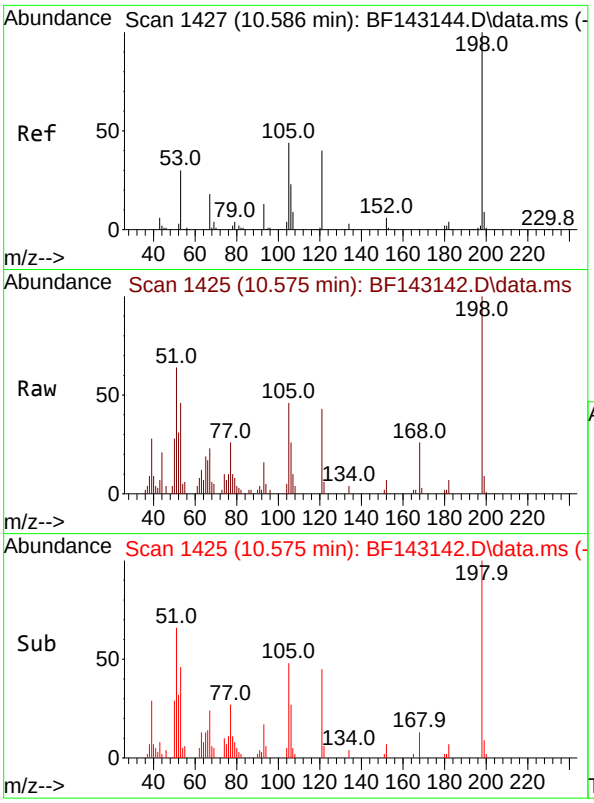


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:188 Resp: 461255

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.8	9.0	13.6



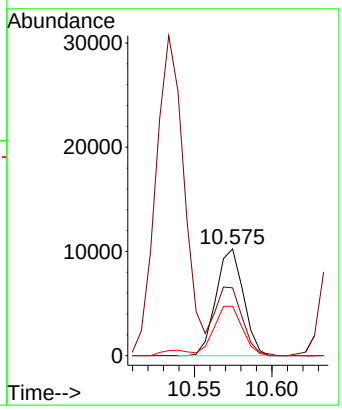


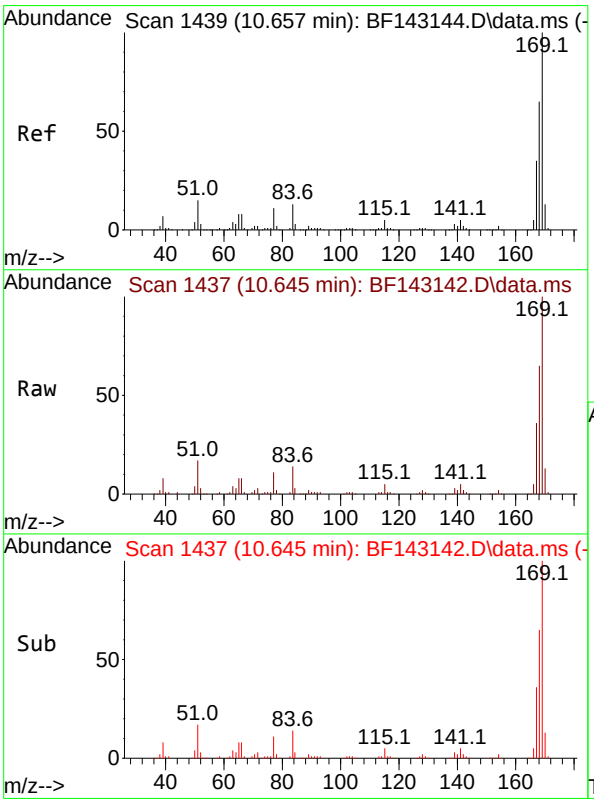
#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 12541

Ion	Ratio	Lower	Upper
198	100		
51	63.6	37.2	77.2
105	46.4	24.8	64.8

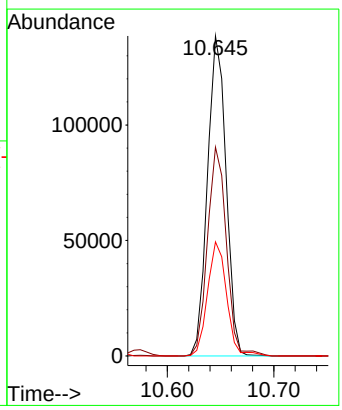


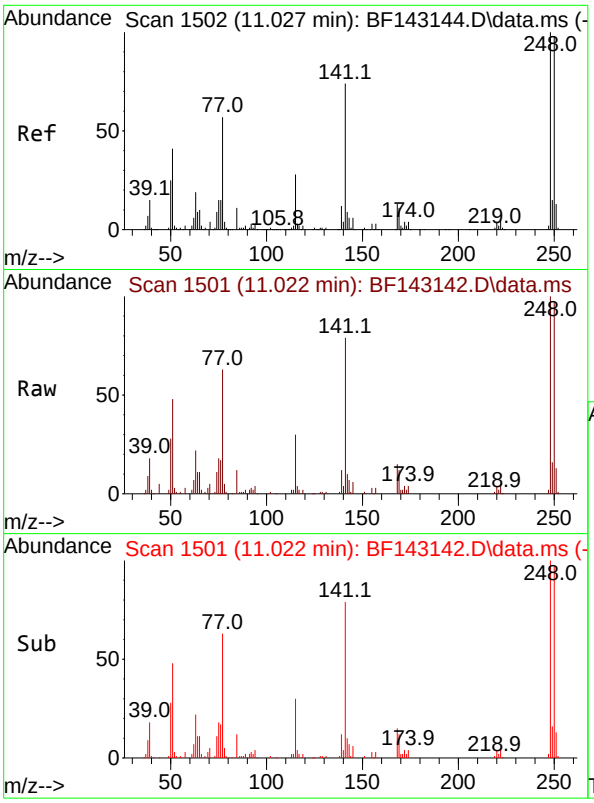


#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:169 Resp: 167901

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.6	28.2	42.2



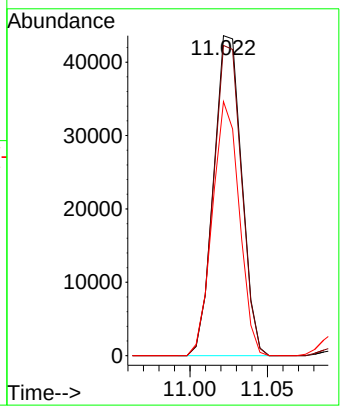


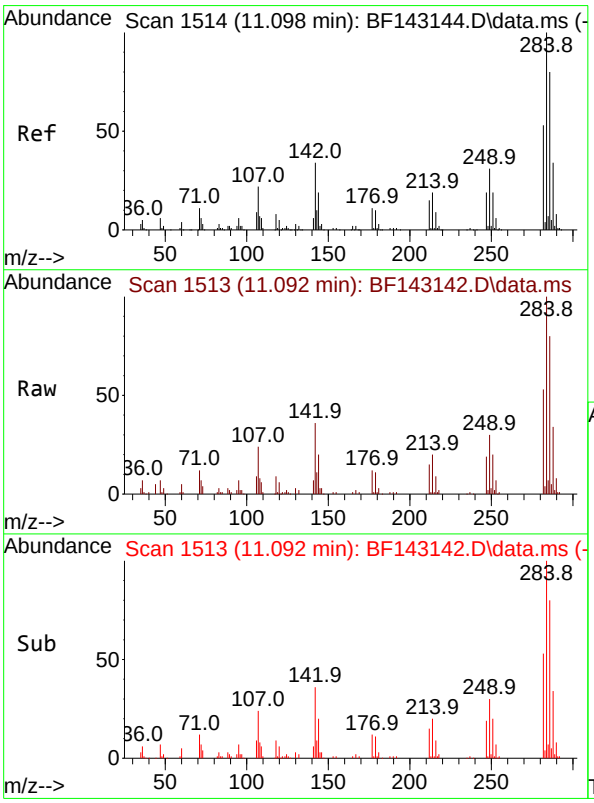
#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 54849

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.3	117.5
141	79.4	59.2	88.8

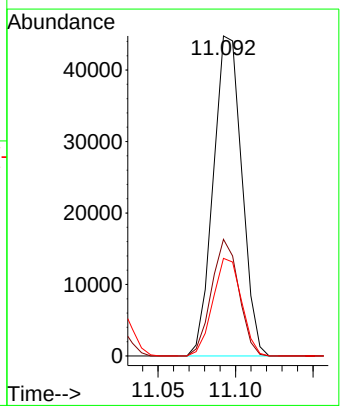


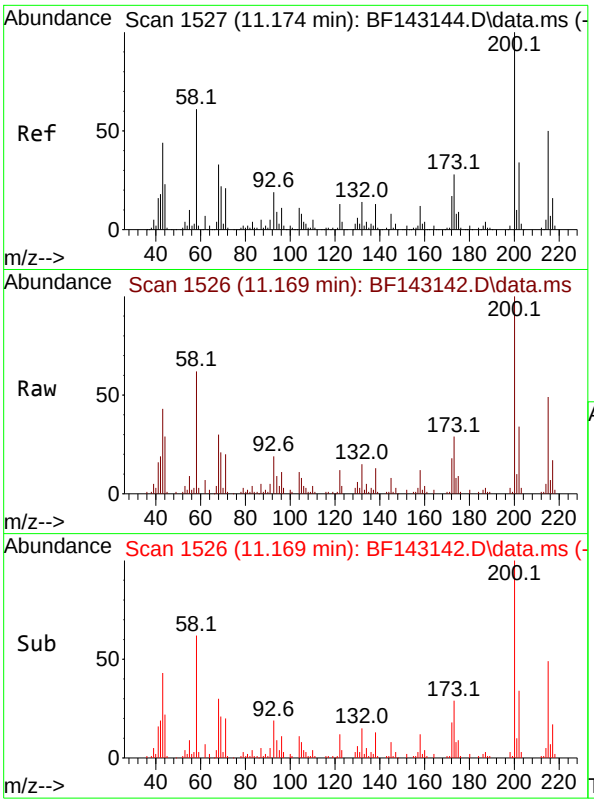


#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:284 Resp: 57305

Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.0	40.6
249	30.5	25.0	37.6



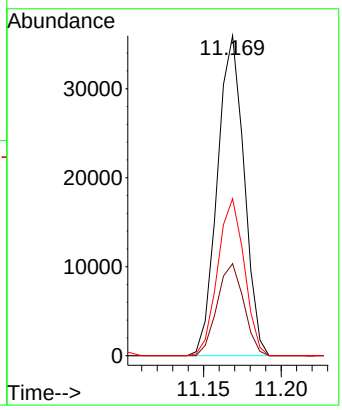


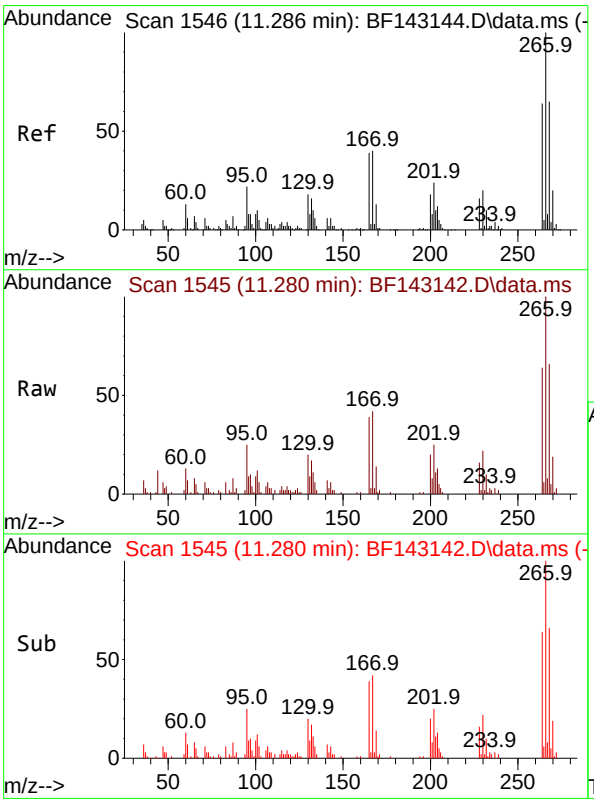
#69
Atrazine
Concen: 9.613 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 43045

Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.9	47.9
215	49.1	30.1	70.1

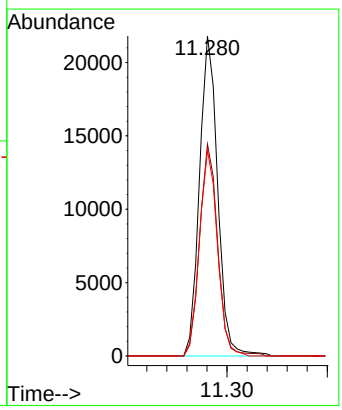


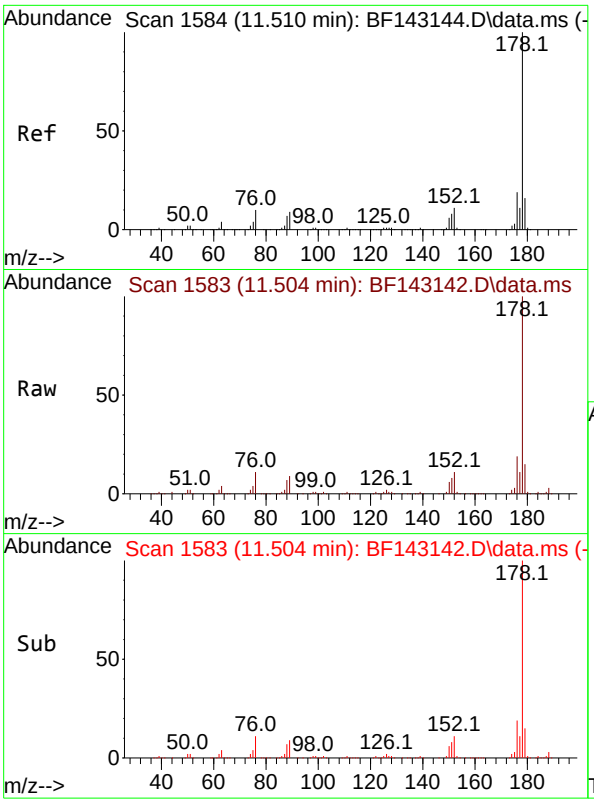


#70
Pentachlorophenol
Concen: 8.148 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:266 Resp: 27529

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	64.3	51.0	76.6



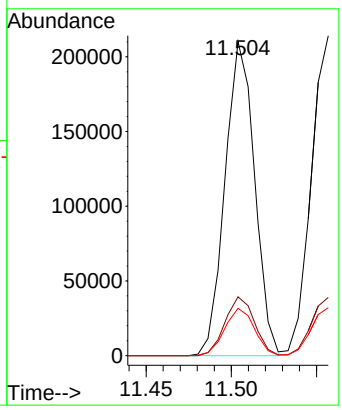


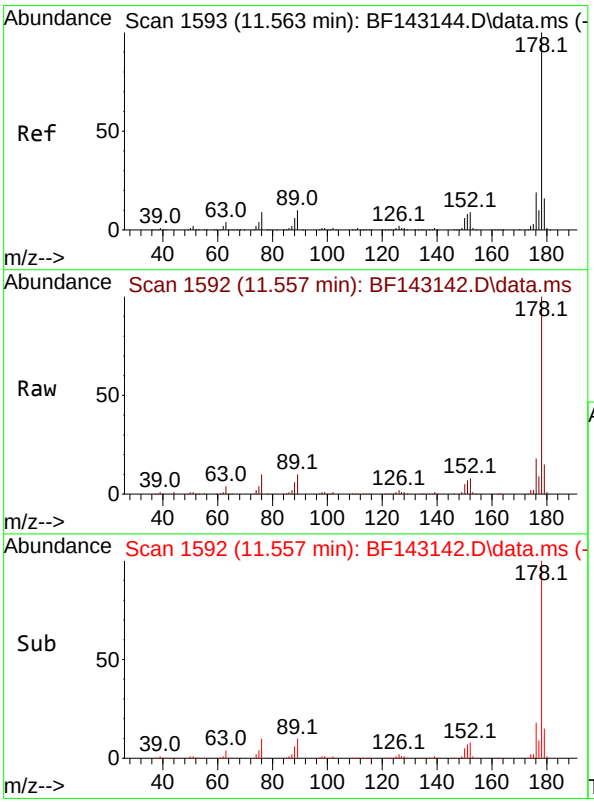
#71
Phenanthrene
Concen: 10.361 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 253750

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.1	12.5	18.7

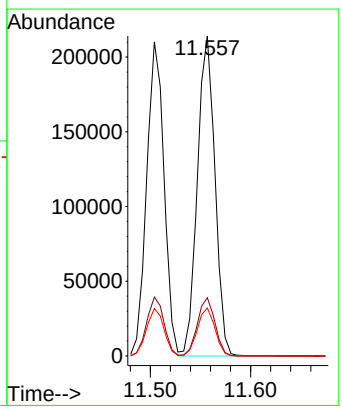


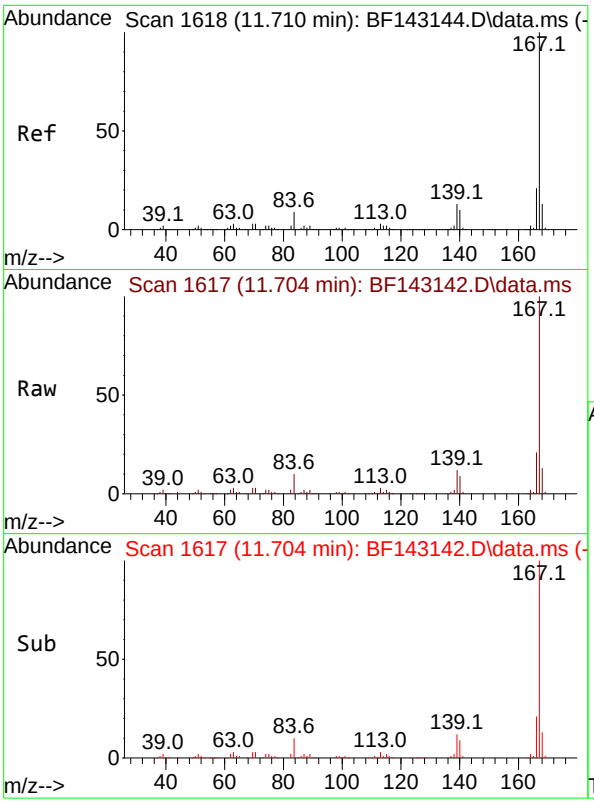


#72
Anthracene
Concen: 10.487 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 261960

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.0	12.5	18.7



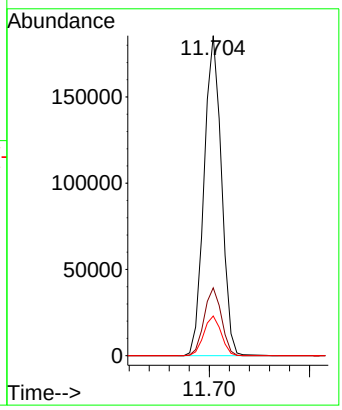


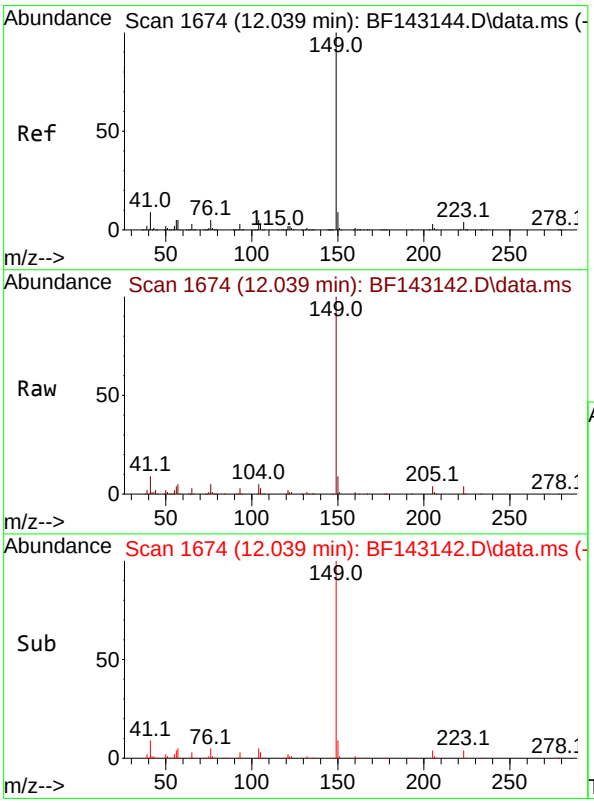
#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 223376

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.4	10.0	15.0

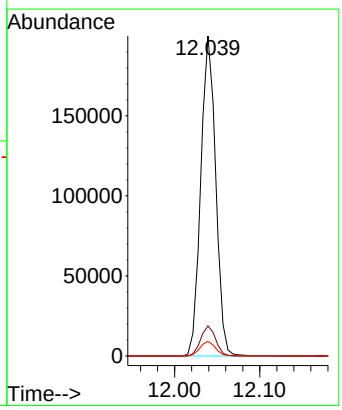


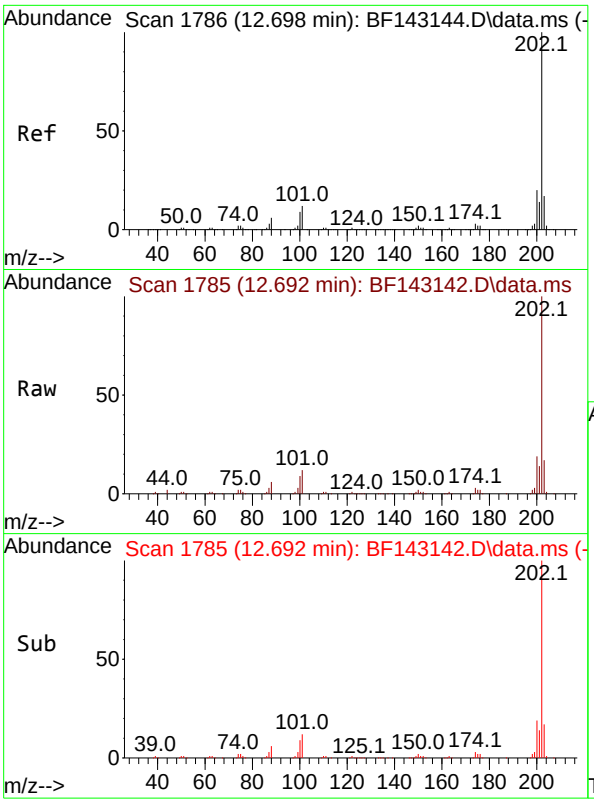


#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 243142

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.6	3.8	5.8



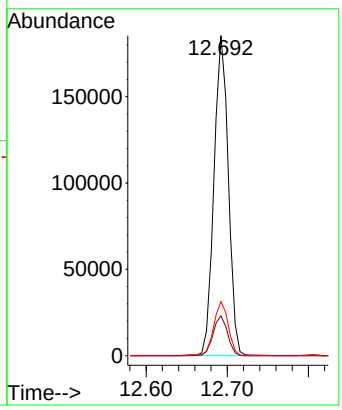


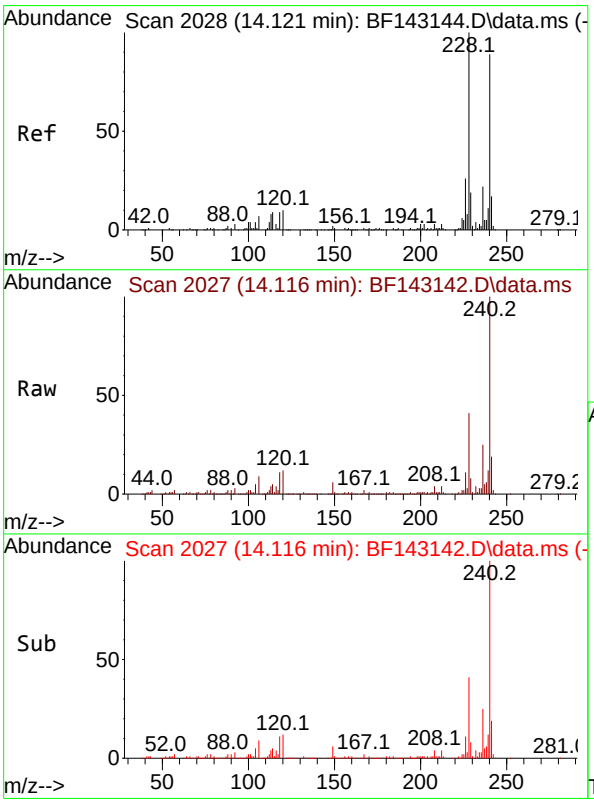
#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 227701

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.7
203	16.9	0.0	37.4

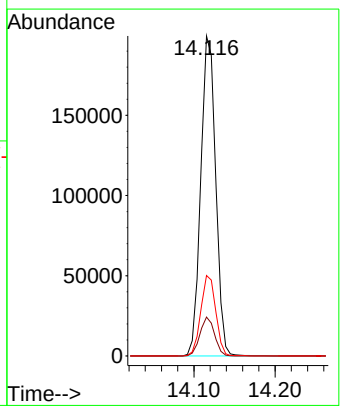


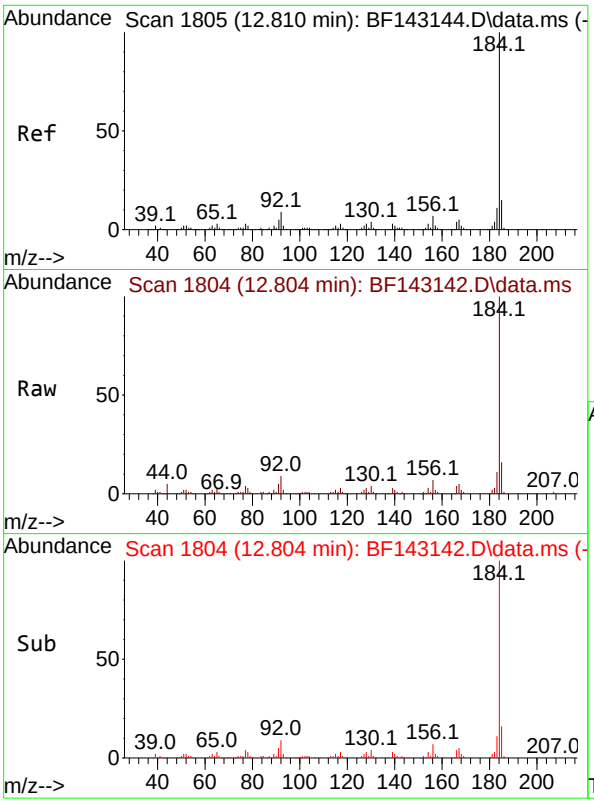


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:240 Resp: 254650

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	25.1	20.2	30.4



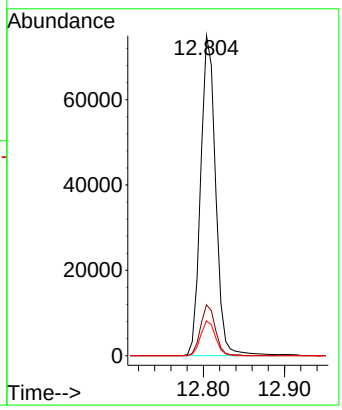


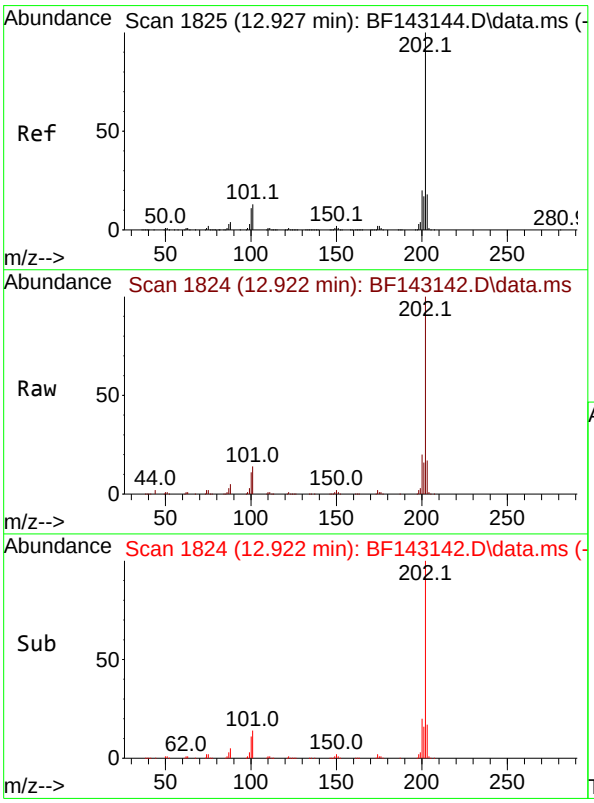
#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 96484

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.4
183	10.9	9.0	13.4

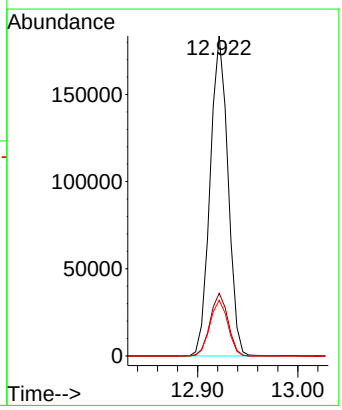


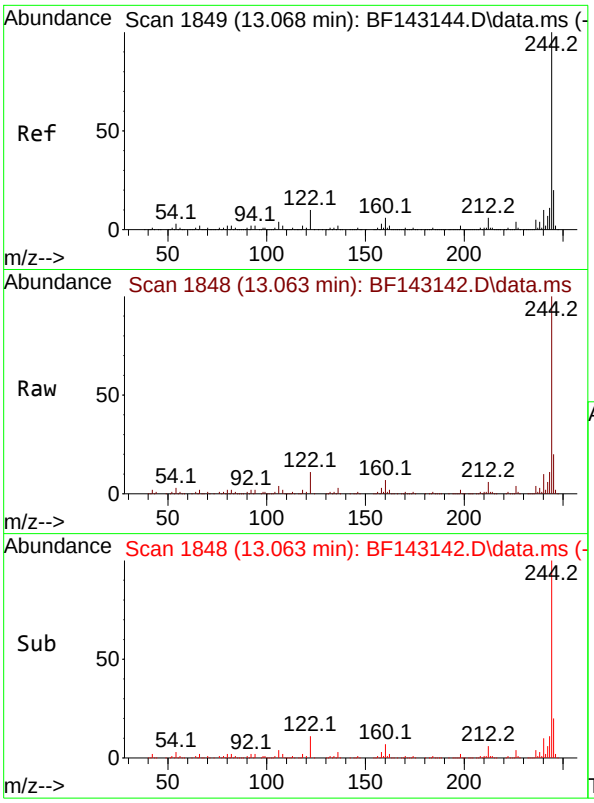


#78
Pyrene
Concen: 10.445 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 227008

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.4	14.2	21.2



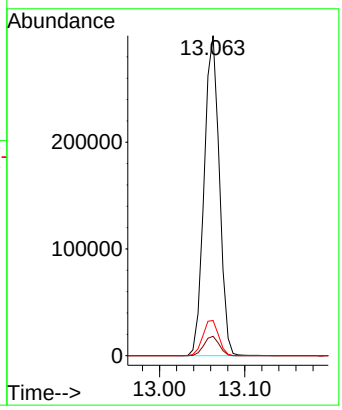


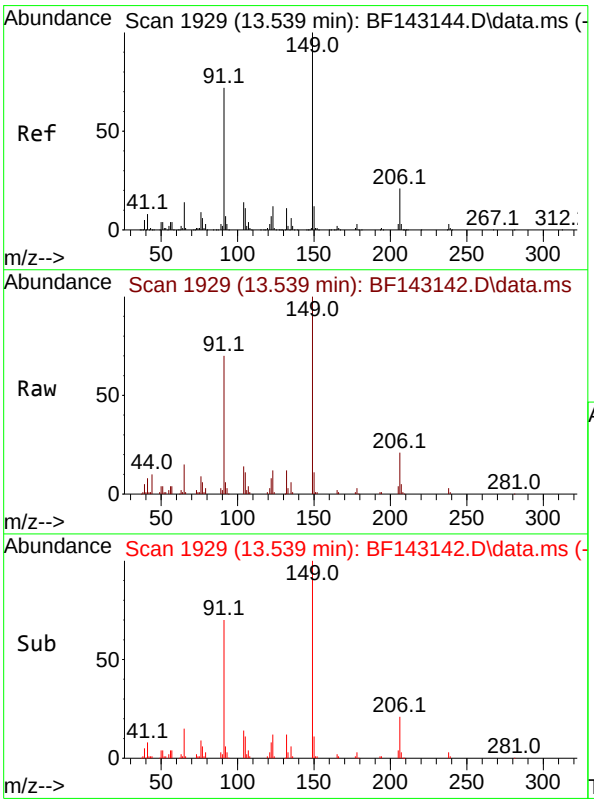
#79
Terphenyl-d14
Concen: 21.669 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 370808

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	11.0	8.2	12.2

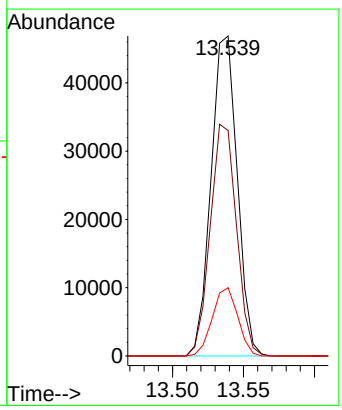


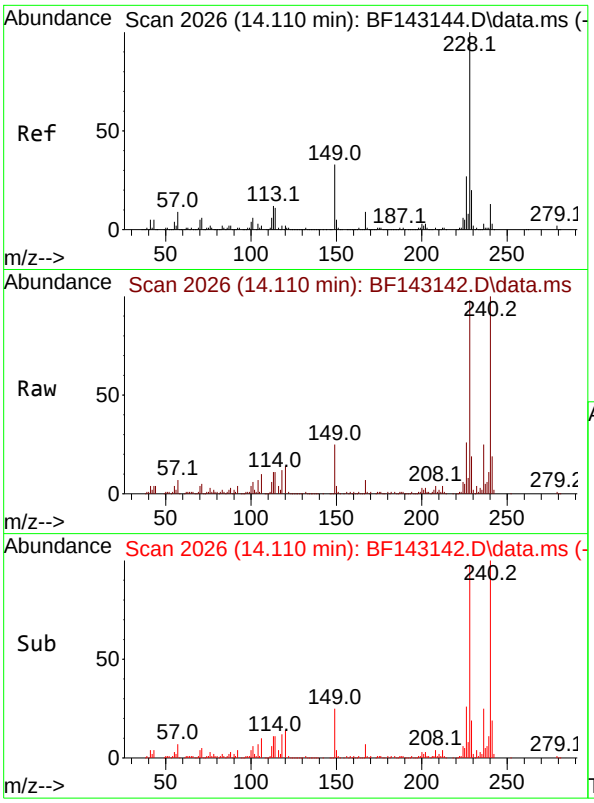


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 60055

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.9	86.9
206	21.3	17.0	25.4



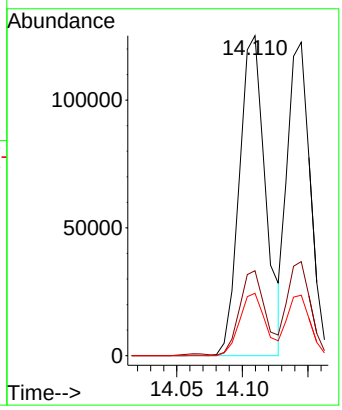


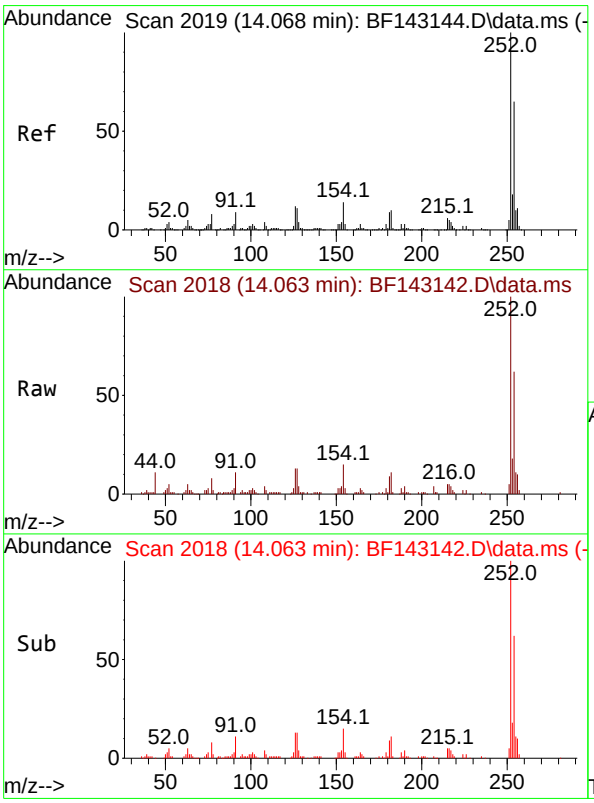
#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 174020

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.8	23.6

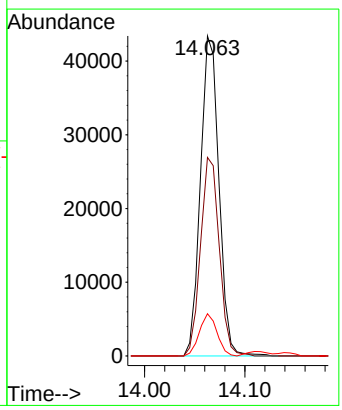


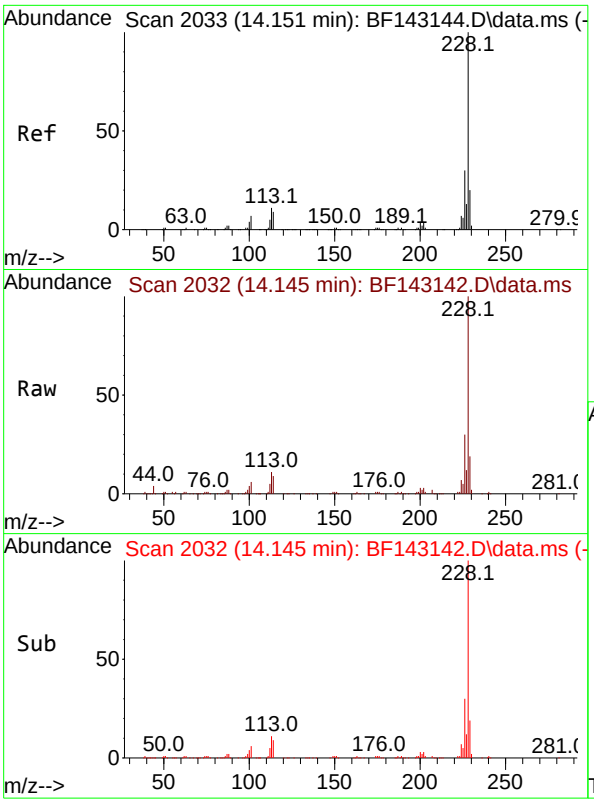


#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 55694

Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.7	77.5
126	13.2	9.4	14.0



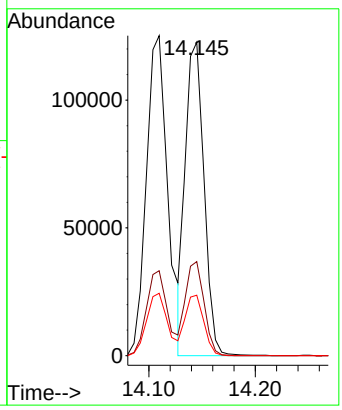


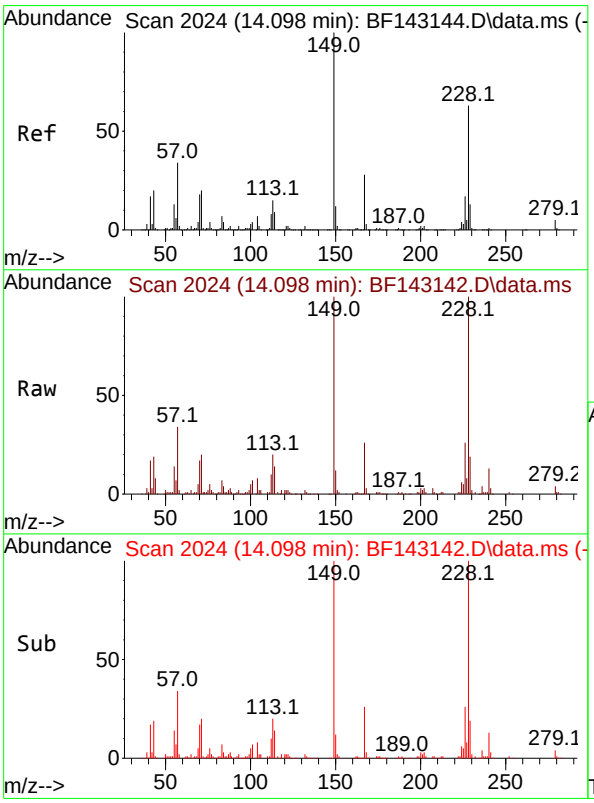
#83
Chrysene
Concen: 9.750 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 149446

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.3	15.6	23.4

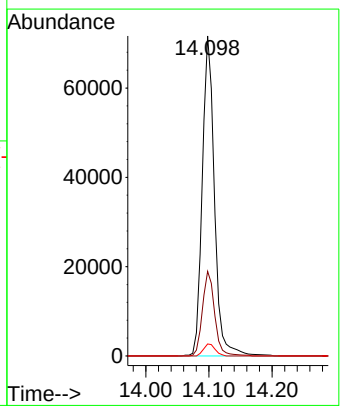


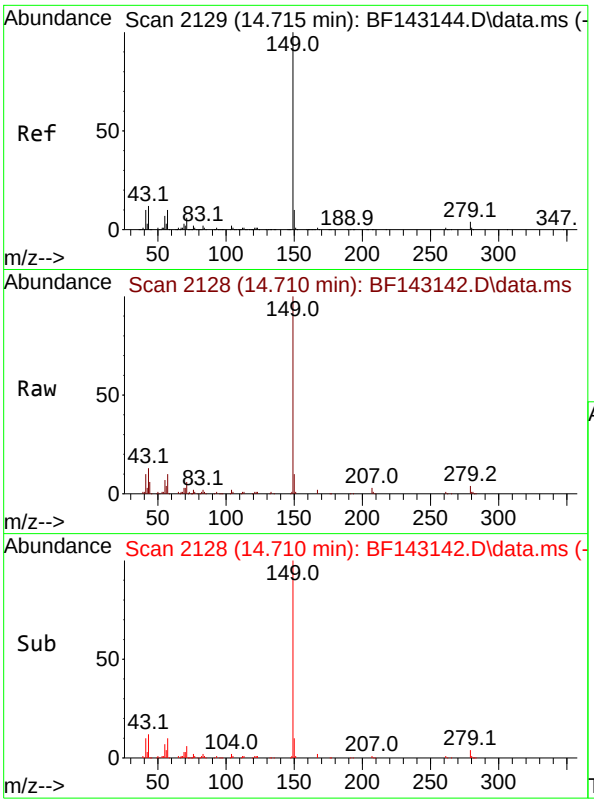


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.549 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 96191

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.3	33.5
279	3.7	3.6	5.4



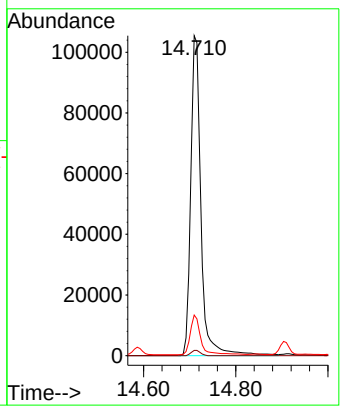


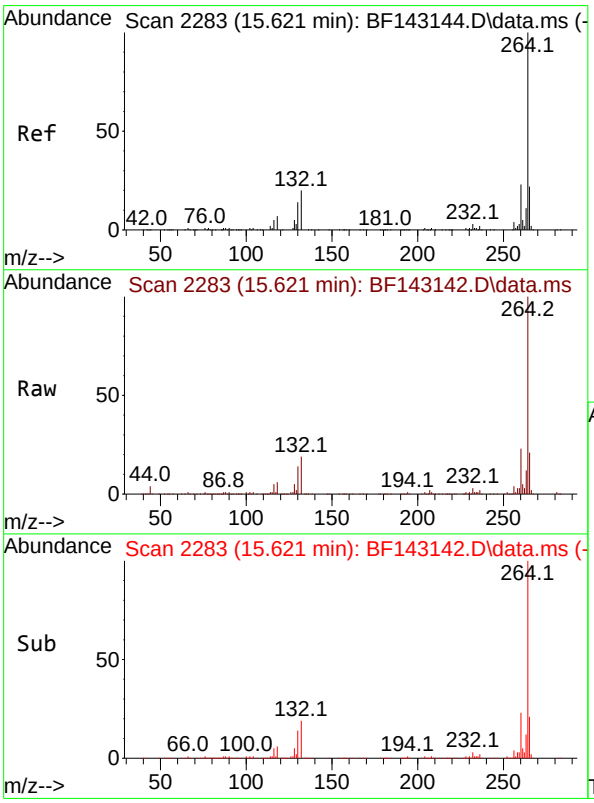
#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 162156

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.7	9.7	14.5

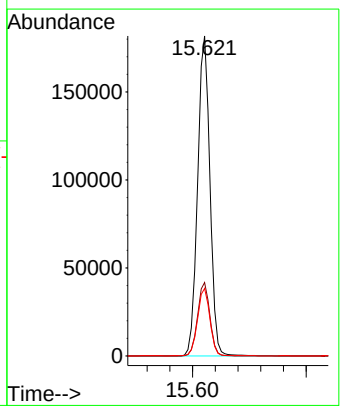


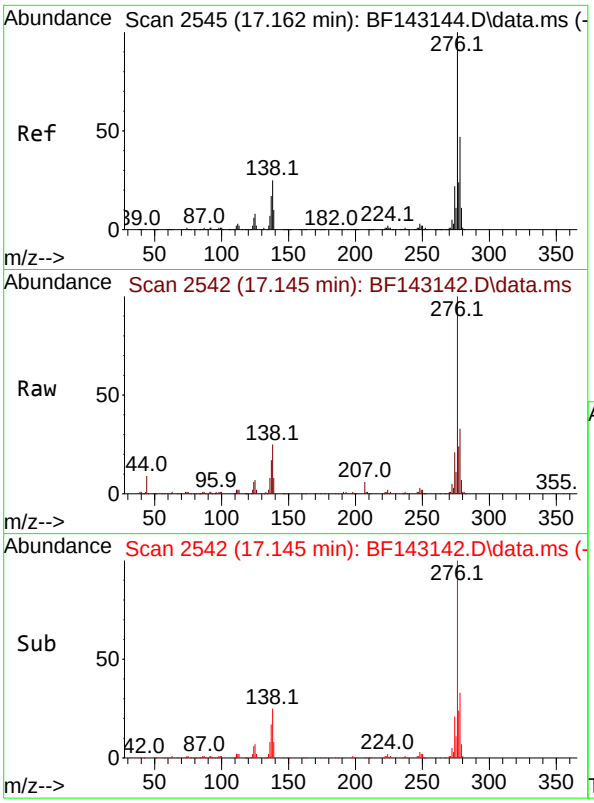


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:264 Resp: 273706

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.1	17.4	26.2



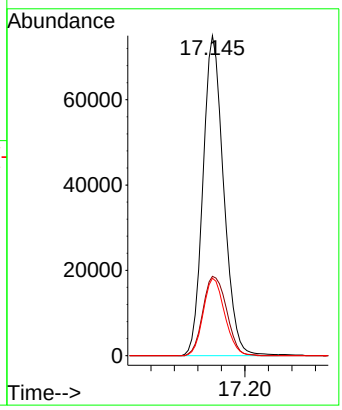


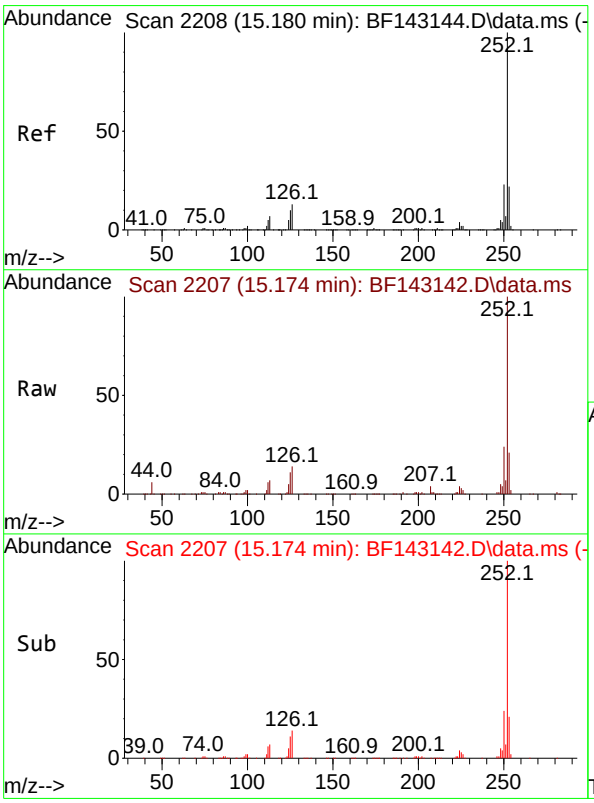
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 182869

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.6
277	25.1	20.0	30.0

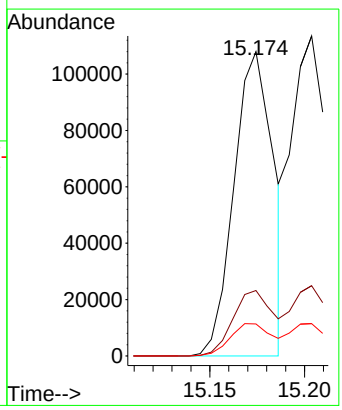


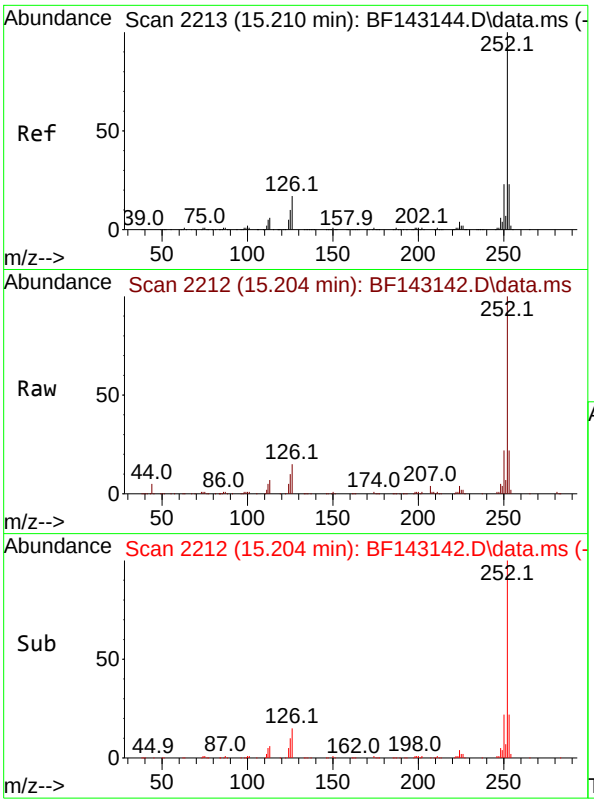


#88
Benzo(b)fluoranthene
Concen: 9.296 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 155430

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.5	8.0	12.0



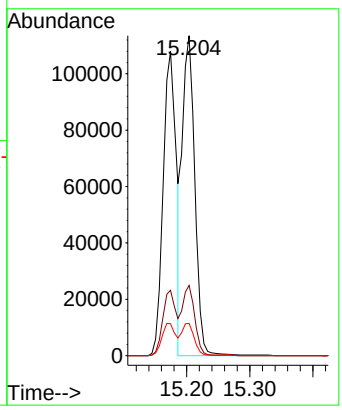


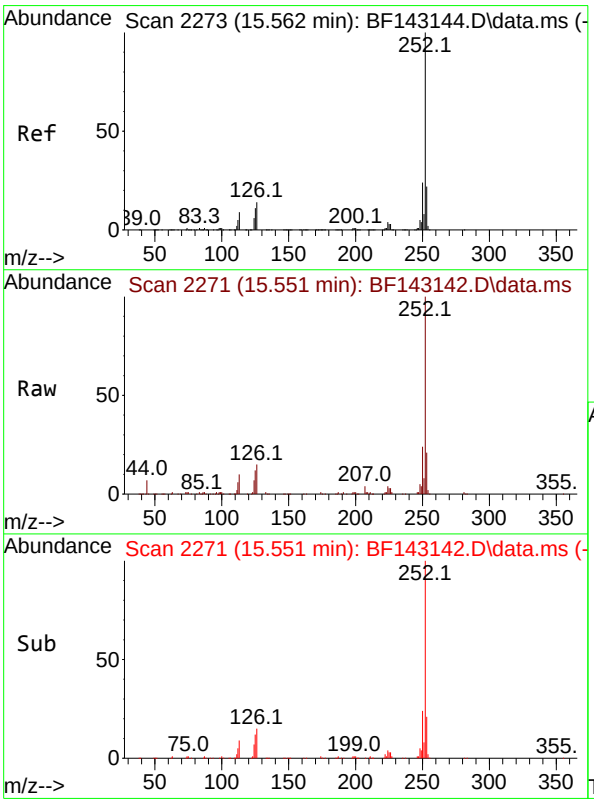
#89
Benzo(k)fluoranthene
Concen: 10.567 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 157663

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.1	8.1	12.1

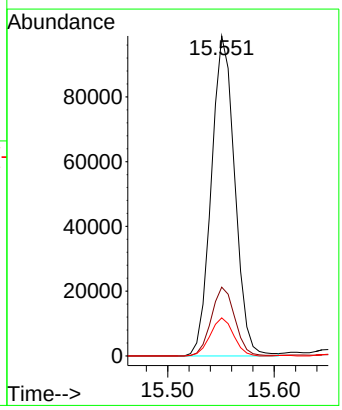


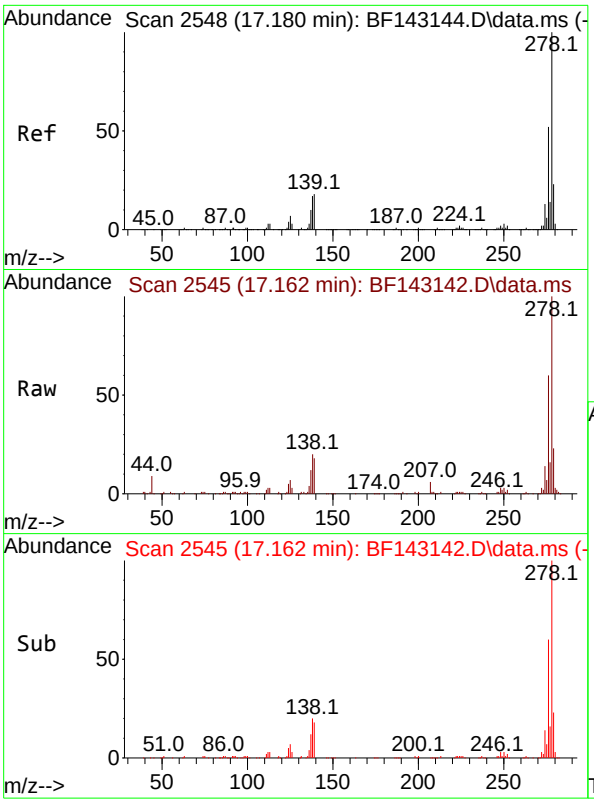


#90
Benzo(a)pyrene
Concen: 9.792 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 150853

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.9	8.6	13.0



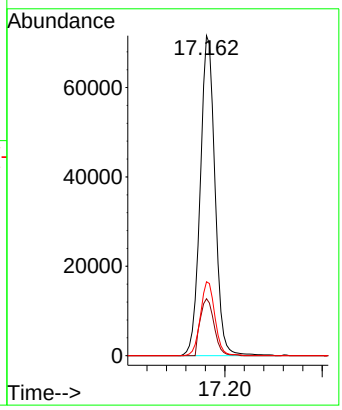


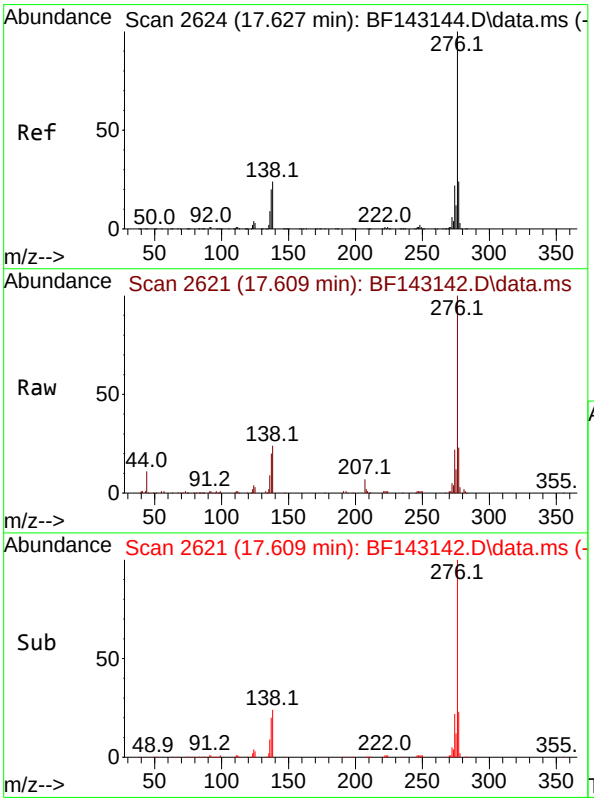
#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 150977

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.1	18.6	28.0

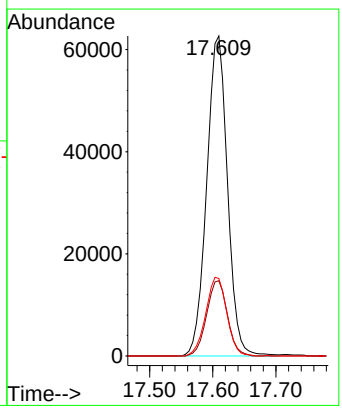




#92
Benzo(g,h,i)perylene
Concen: 9.433 ng
RT: 17.609 min Scan# 2621
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 143342

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	24.2	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	168491	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	642580	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	329670	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	532921	20.000	ng		0.00
76) Chrysene-d12	14.121	240	305398	20.000	ng		0.00
86) Perylene-d12	15.621	264	338518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	444546	41.752	ng		0.00
7) Phenol-d6	6.575	99	558427	41.668	ng		-0.01
23) Nitrobenzene-d5	7.516	82	554482	43.013	ng		0.00
42) 2,4,6-Tribromophenol	10.780	330	139748	41.034	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1019688	42.301	ng		0.00
79) Terphenyl-d14	13.063	244	866830	42.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	103481	20.540	ng		99
3) Pyridine	3.581	79	261405	19.990	ng		99
4) n-Nitrosodimethylamine	3.510	42	134638	19.942	ng		99
6) Aniline	6.622	93	382991	20.505	ng		99
8) 2-Chlorophenol	6.745	128	231044	20.702	ng		98
9) Benzaldehyde	6.510	77	196003	19.504	ng		98
10) Phenol	6.593	94	322193	22.068	ng		97
11) bis(2-Chloroethyl)ether	6.692	93	232425	20.792	ng		98
12) 1,3-Dichlorobenzene	6.904	146	251734	20.763	ng		99
13) 1,4-Dichlorobenzene	6.981	146	253137	20.733	ng		100
14) 1,2-Dichlorobenzene	7.134	146	243437	20.963	ng		99
15) Benzyl Alcohol	7.092	79	210016	20.524	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	428827	20.680	ng		100
17) 2-Methylphenol	7.198	107	192172	20.479	ng		99
18) Hexachloroethane	7.481	117	88036	20.828	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	173142	20.137	ng		97
20) 3+4-Methylphenols	7.351	107	247578	21.745	ng		96
22) Acetophenone	7.363	105	321774	21.151	ng	#	99
24) Nitrobenzene	7.534	77	249251	20.739	ng		98
25) Isophorone	7.775	82	457146	20.088	ng		99
26) 2-Nitrophenol	7.851	139	105681	20.261	ng		98
27) 2,4-Dimethylphenol	7.887	122	218960	20.594	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	283946	20.811	ng		100
29) 2,4-Dichlorophenol	8.092	162	184432	20.569	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	204103	21.070	ng		98
31) Naphthalene	8.263	128	662968	20.949	ng		100
32) Benzoic acid	7.957	122	90732	18.667	ng		98
33) 4-Chloroaniline	8.304	127	269101	20.825	ng		99
34) Hexachlorobutadiene	8.386	225	122624	20.722	ng		98
35) Caprolactam	8.651	113	53950	19.911	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	197317	20.246	ng		99
37) 2-Methylnaphthalene	8.957	142	403298	20.943	ng		100
38) 1-Methylnaphthalene	9.057	142	417629	21.060	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	198009	20.804	ng		99
41) Hexachlorocyclopentadiene	9.116	237	122922	19.848	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	135703	20.601	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng		99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng		100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng		99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng		99
49) Acenaphthylene	9.857	152	663048	20.789	ng		100
50) Dimethylphthalate	9.710	163	441768	20.558	ng		100
51) 2,6-Dinitrotoluene	9.769	165	89742	20.529	ng		97
52) Acenaphthene	10.033	154	390249	20.702	ng		99
53) 3-Nitroaniline	9.933	138	103870	20.314	ng		94
54) 2,4-Dinitrophenol	10.039	184	26820	19.073	ng	#	1
55) Dibenzofuran	10.204	168	582320	20.806	ng		98
56) 4-Nitrophenol	10.081	139	75275	19.715	ng		99
57) 2,4-Dinitrotoluene	10.169	165	112851	20.577	ng		99
58) Fluorene	10.545	166	435866	20.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	113851	20.859	ng		100
60) Diethylphthalate	10.410	149	440058	20.719	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	216496	20.699	ng		99
62) 4-Nitroaniline	10.545	138	87666	20.005	ng		99
63) Azobenzene	10.698	77	458013	20.690	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	46122	20.060	ng		95
66) n-Nitrosodiphenylamine	10.651	169	384467	20.488	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	128663	20.259	ng		99
68) Hexachlorobenzene	11.098	284	134031	20.191	ng		99
69) Atrazine	11.169	200	105386	20.370	ng		99
70) Pentachlorophenol	11.280	266	77906	19.957	ng		99
71) Phenanthrene	11.510	178	595411	21.042	ng		99
72) Anthracene	11.557	178	604416	20.944	ng		99
73) Carbazole	11.704	167	523365	20.769	ng		100
74) Di-n-butylphthalate	12.039	149	601867	21.108	ng		100
75) Fluoranthene	12.692	202	542662	20.894	ng		99
77) Benzidine	12.810	184	257904	21.919	ng		99
78) Pyrene	12.922	202	544650	20.897	ng		99
80) Butylbenzylphthalate	13.539	149	163546	20.491	ng		99
81) Benzo(a)anthracene	14.110	228	421791	20.629	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	151153	22.181	ng		100
83) Chrysene	14.145	228	380799	20.714	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	251739	20.839	ng		99
85) Di-n-octyl phthalate	14.716	149	436102	19.916	ng		99
87) Indeno(1,2,3-cd)pyrene	17.151	276	484240	20.286	ng		99
88) Benzo(b)fluoranthene	15.174	252	435747	21.071	ng		99
89) Benzo(k)fluoranthene	15.204	252	369899	20.044	ng		100
90) Benzo(a)pyrene	15.557	252	388136	20.371	ng		99
91) Dibenzo(a,h)anthracene	17.168	278	398949	20.534	ng		99
92) Benzo(g,h,i)perylene	17.615	276	385915	20.534	ng		99

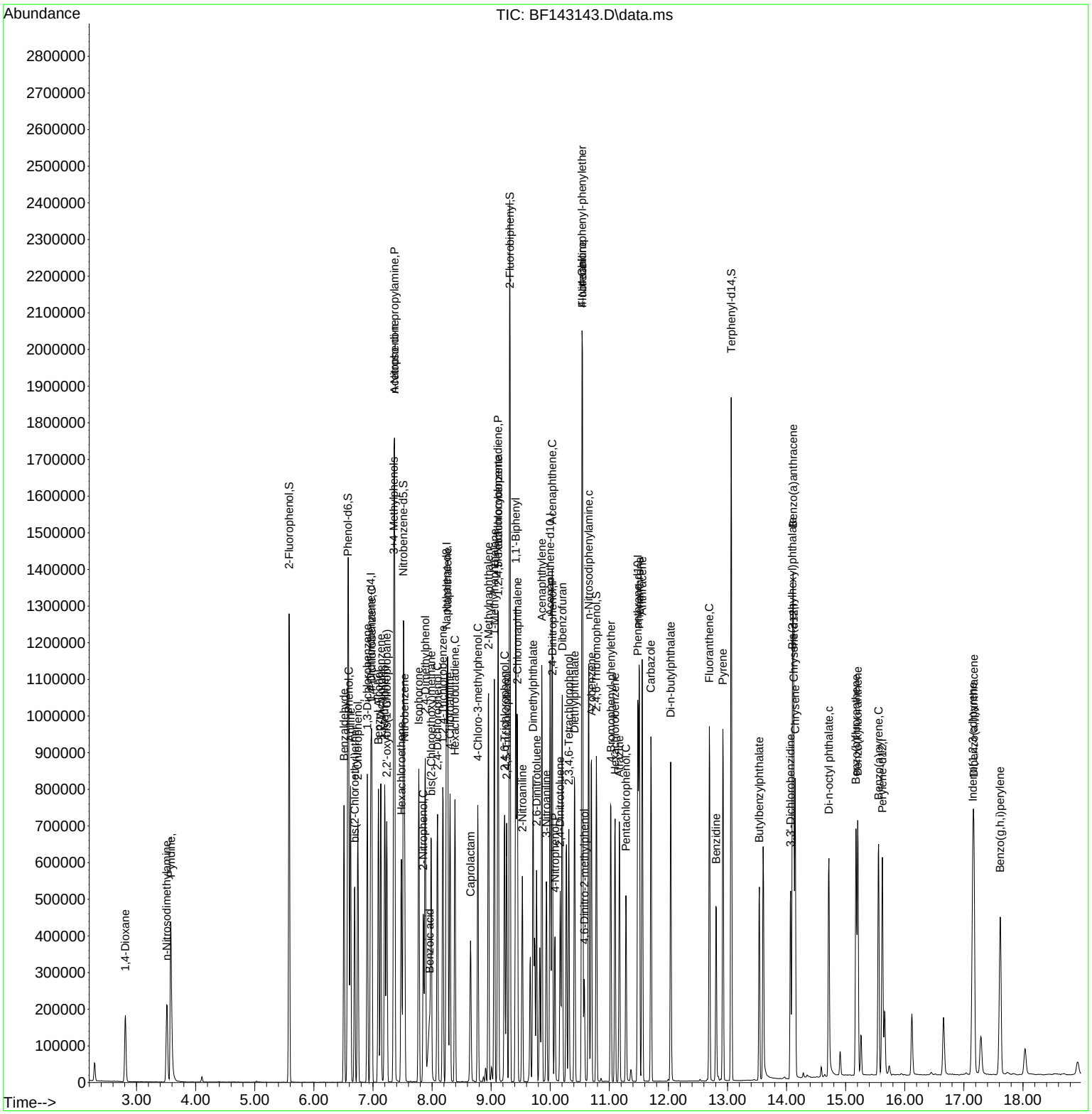
(#) = qualifier out of range (m) = manual integration (+) = signals summed

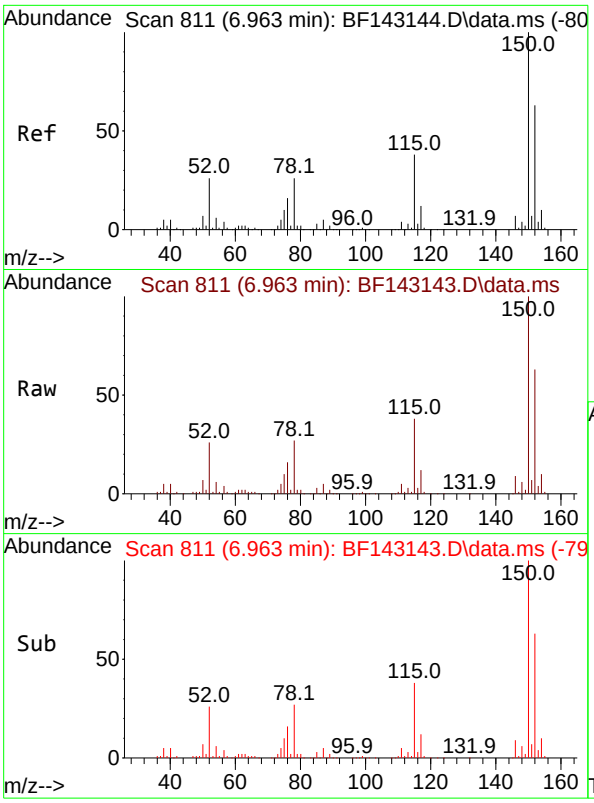
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



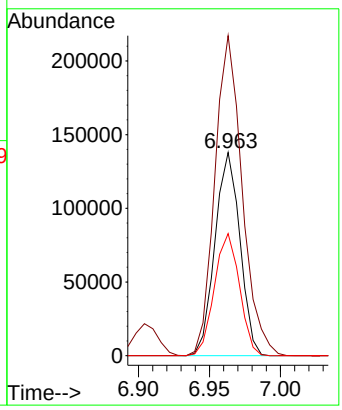


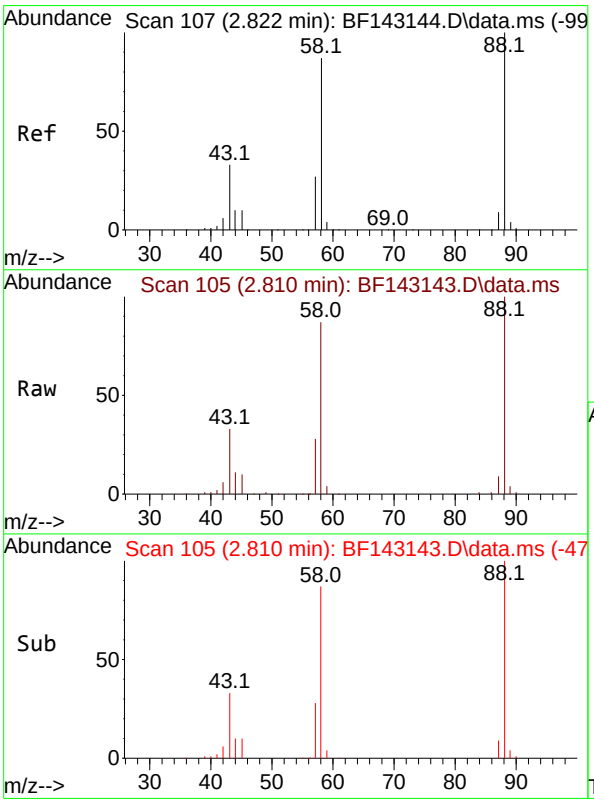
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 168491

Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.2	192.4
115	60.1	47.9	71.9

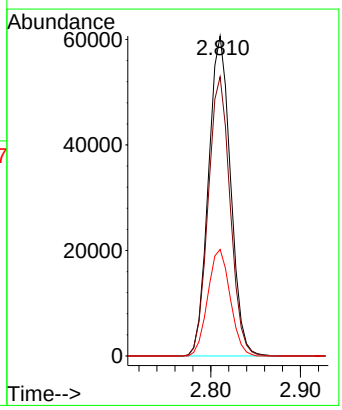


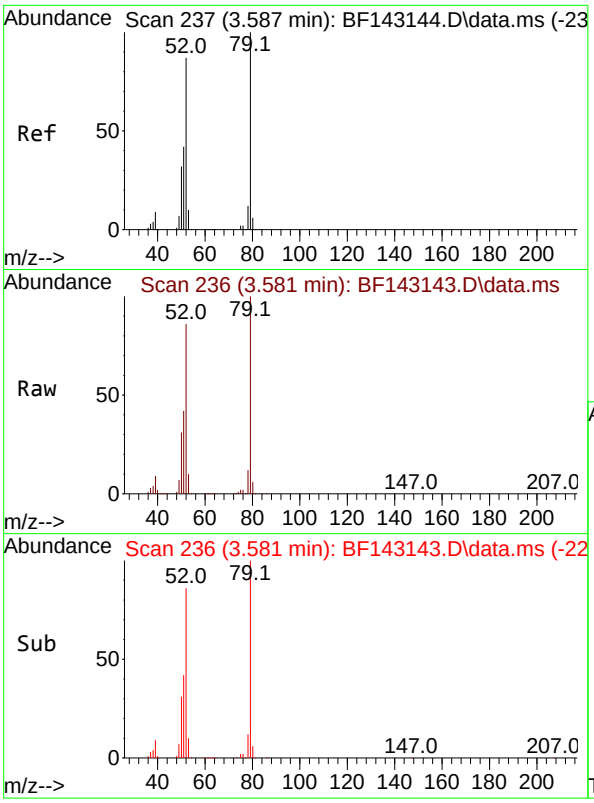


#2
1,4-Dioxane
Concen: 20.540 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 88 Resp: 103481

Ion	Ratio	Lower	Upper
88	100		
58	86.7	70.2	105.2
43	33.8	27.1	40.7



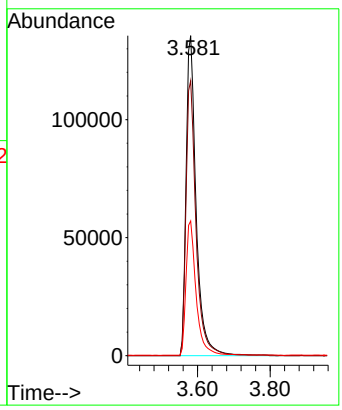


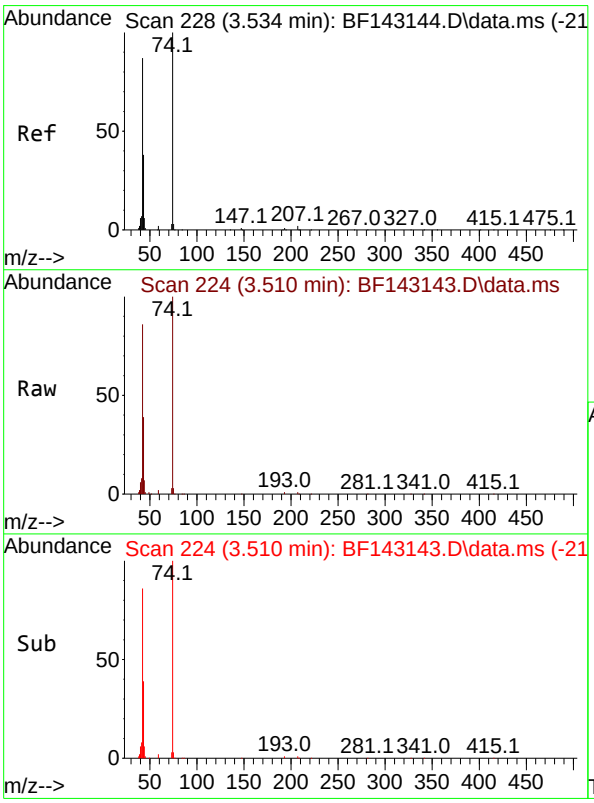
#3
Pyridine
Concen: 19.990 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 261405

Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.4	104.2
51	42.1	33.5	50.3

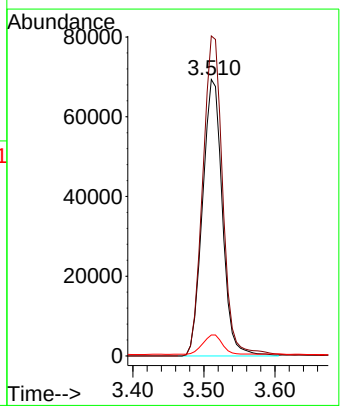


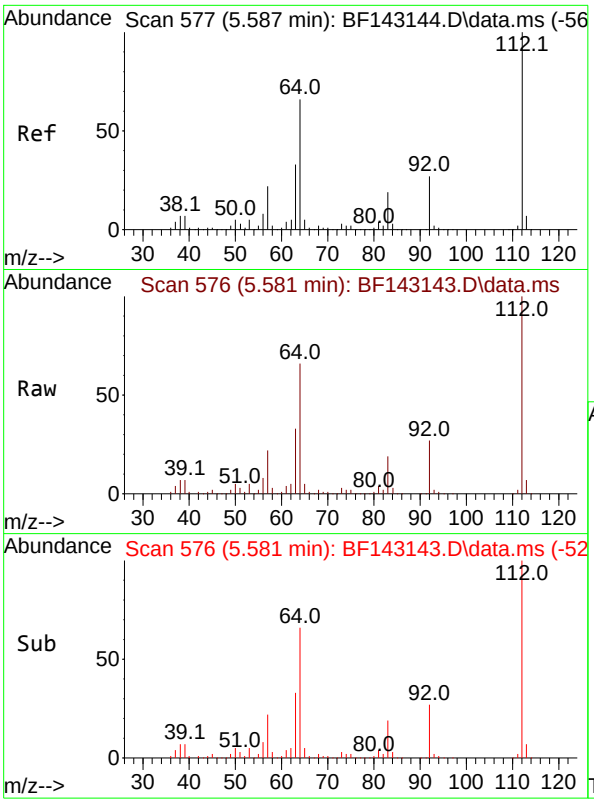


#4
n-Nitrosodimethylamine
Concen: 19.942 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 42 Resp: 134638

Ion	Ratio	Lower	Upper
42	100		
74	115.7	91.7	137.5
44	7.6	5.6	8.4



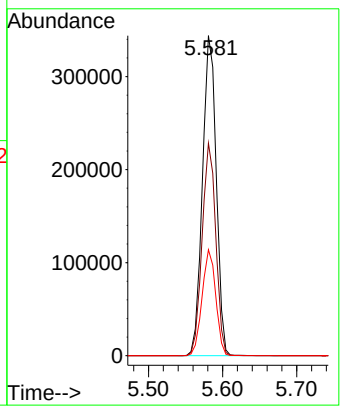


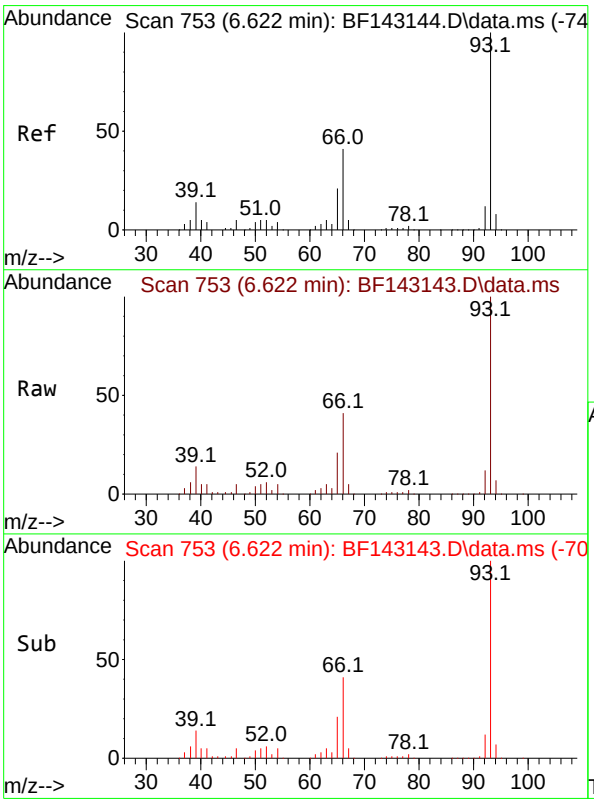
#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 444546

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.1	26.6	40.0

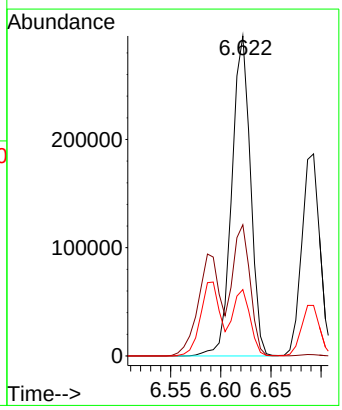


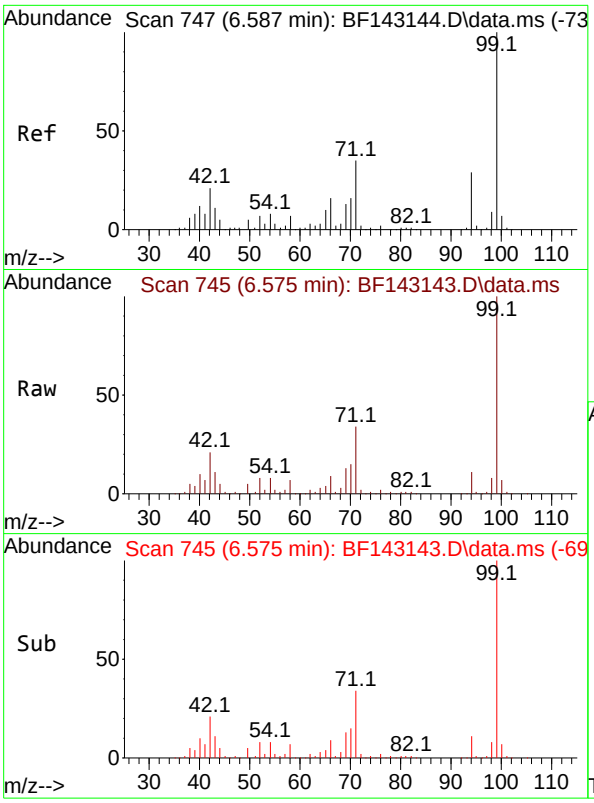


#6
Aniline
Concen: 20.505 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 382991

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.7	16.9	25.3



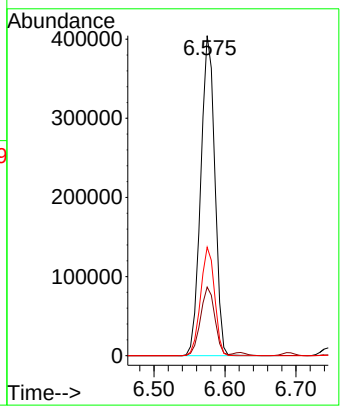


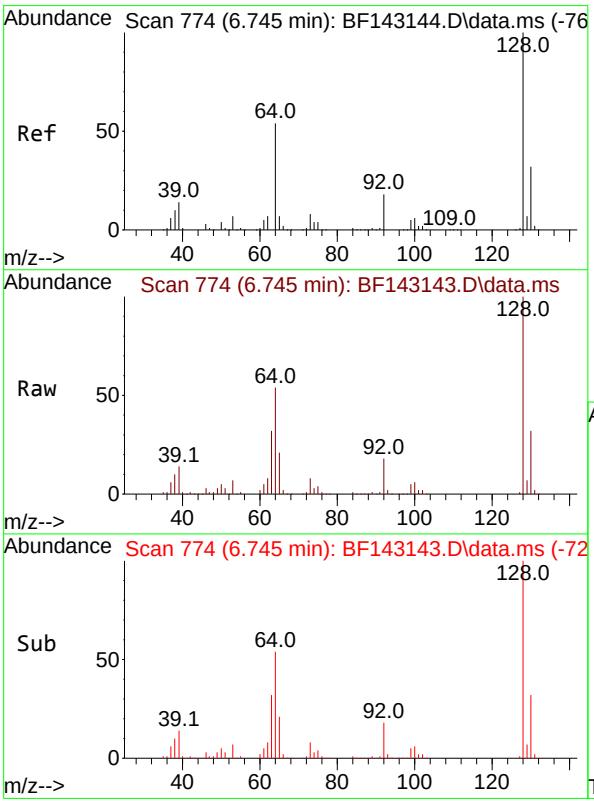
#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 558427

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	33.9	27.7	41.5

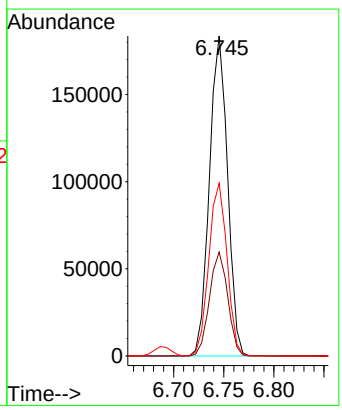


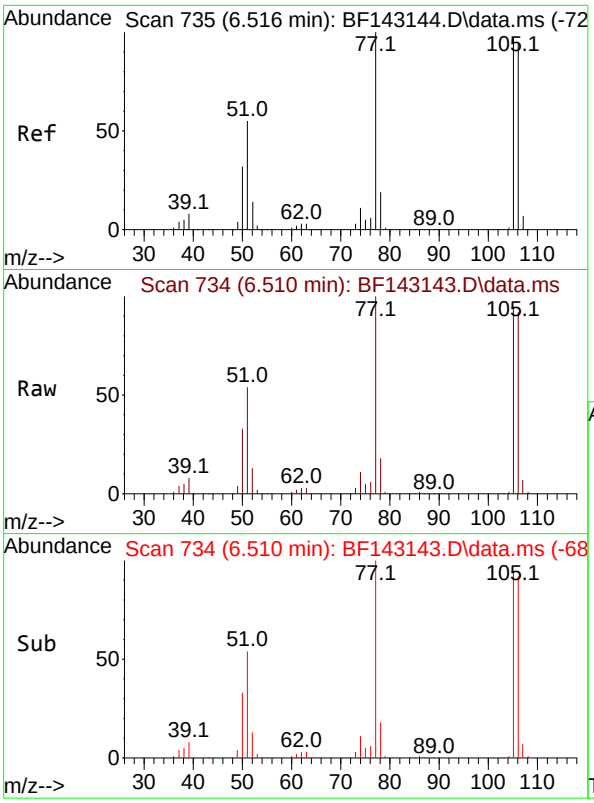


#8
2-Chlorophenol
Concen: 20.702 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 231044

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	54.0	35.9	75.9



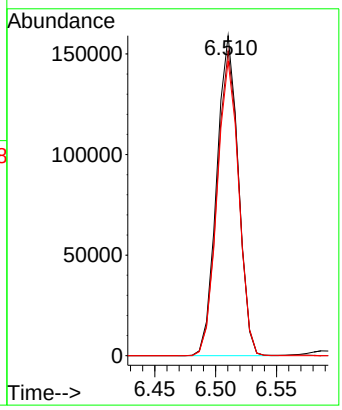


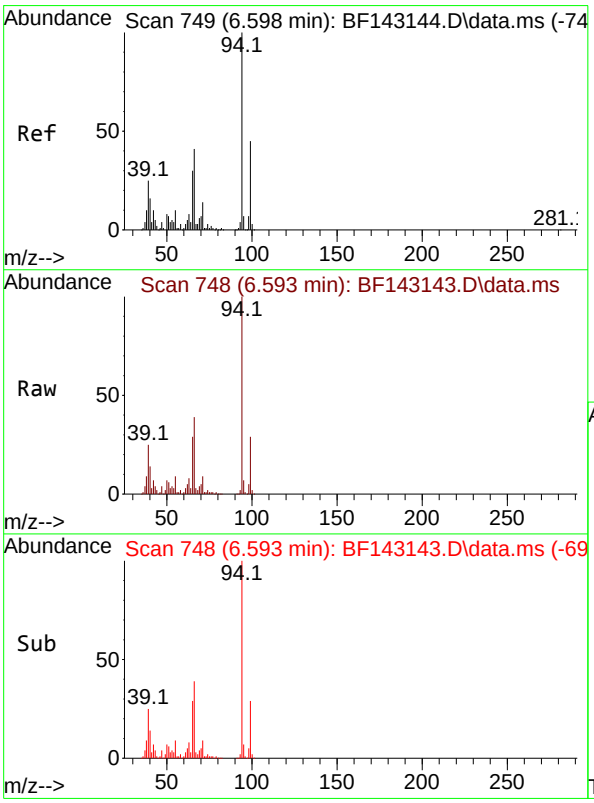
#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 196003

Ion	Ratio	Lower	Upper
77	100		
105	95.3	76.8	116.8
106	92.0	74.4	114.4

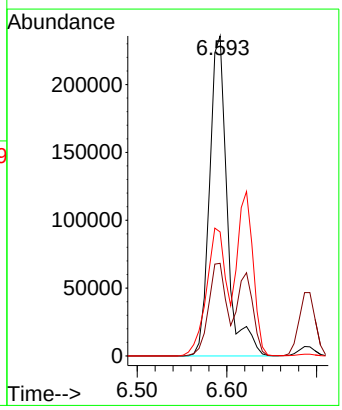


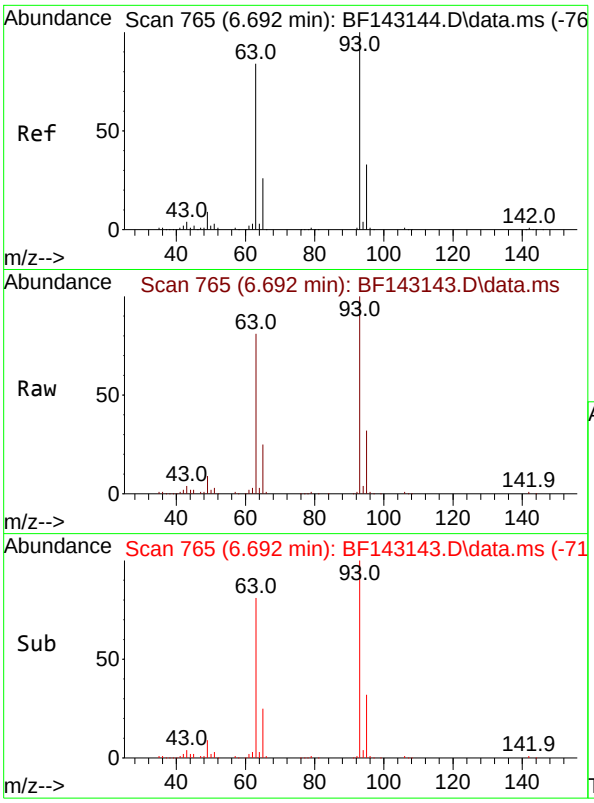


#10
Phenol
Concen: 22.068 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 94 Resp: 322193

Ion	Ratio	Lower	Upper
94	100		
65	29.0	10.0	50.0
66	38.8	20.8	60.8



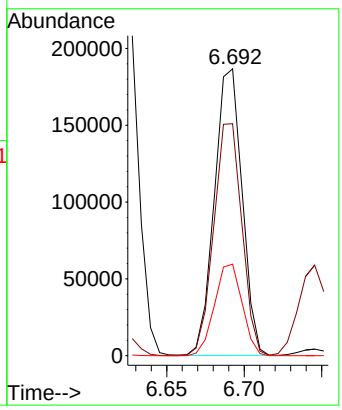


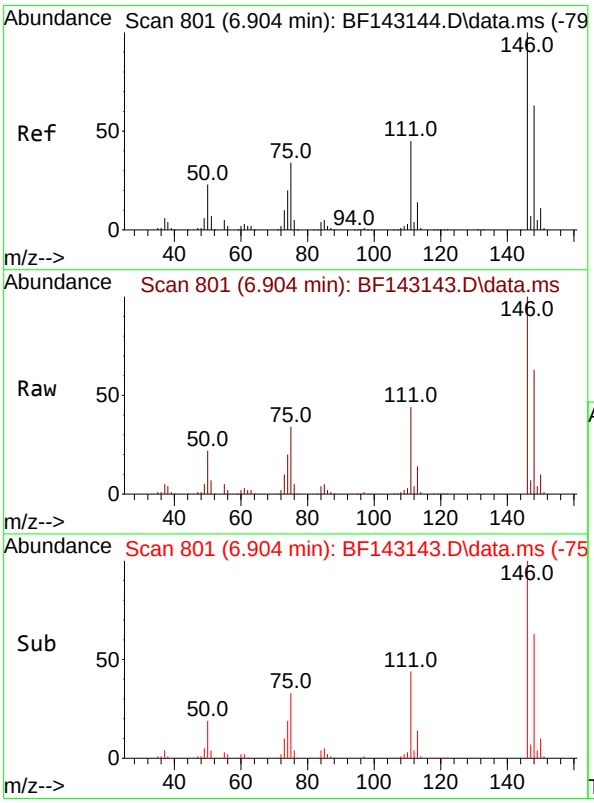
#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 232425

Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.4	103.4
95	31.9	12.4	52.4

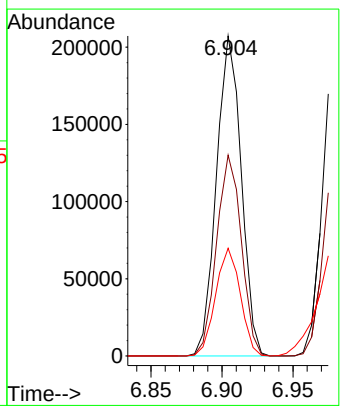


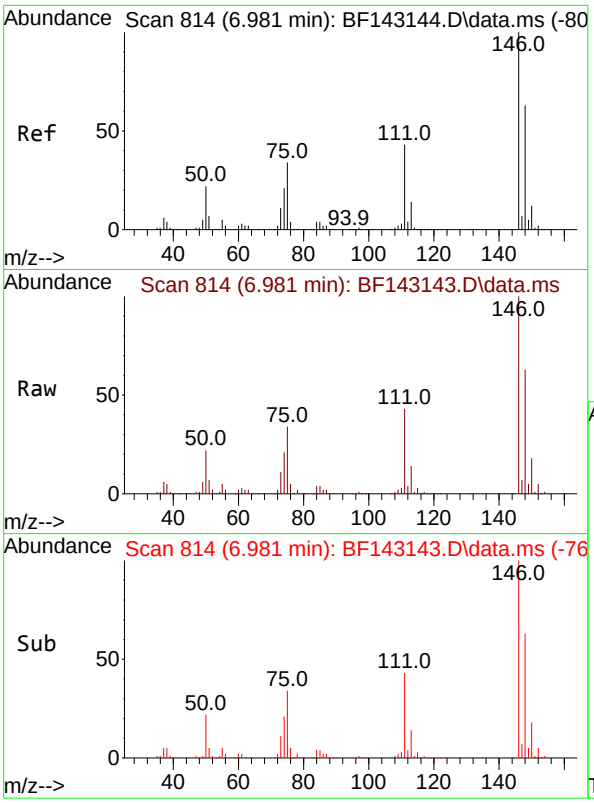


#12
1,3-Dichlorobenzene
Concen: 20.763 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 251734

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
75	33.7	27.4	41.2



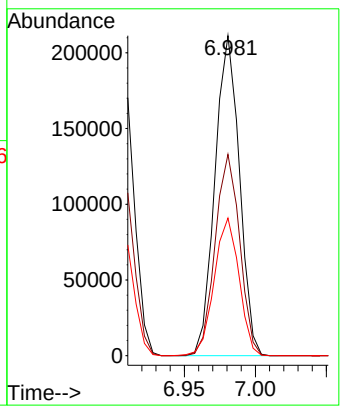


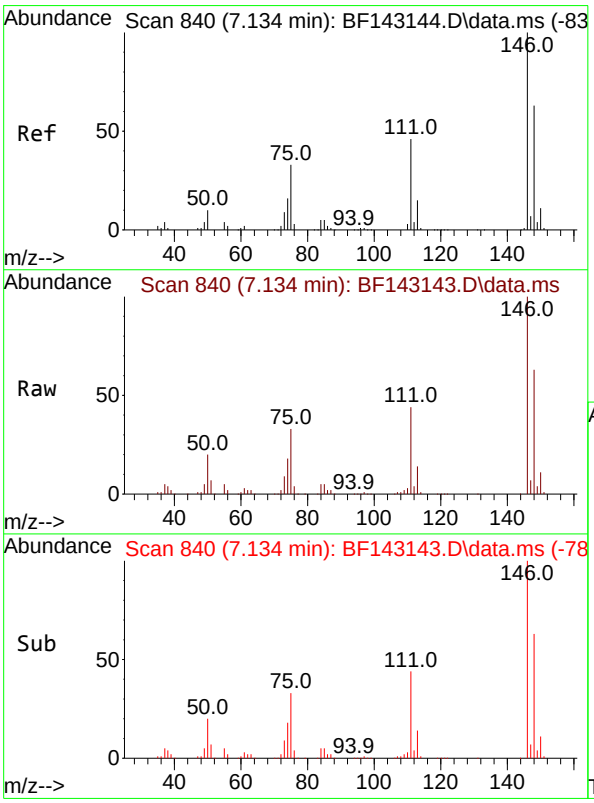
#13
1,4-Dichlorobenzene
Concen: 20.733 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 253137

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6

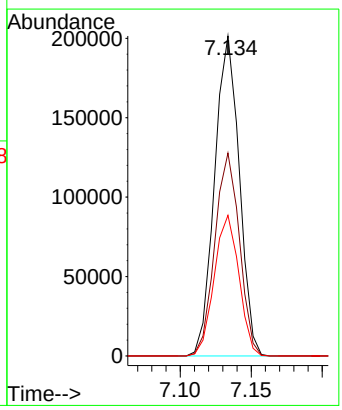


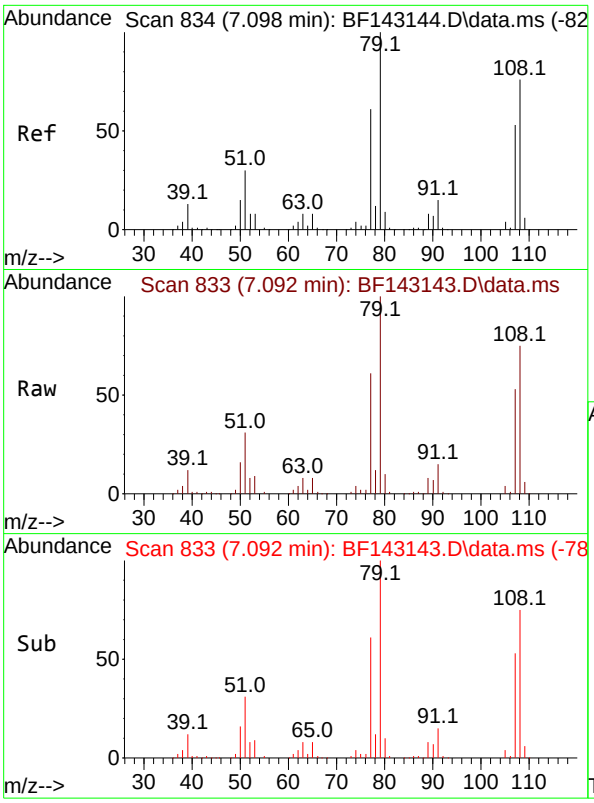


#14
1,2-Dichlorobenzene
Concen: 20.963 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 243437

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	44.0	36.6	54.8



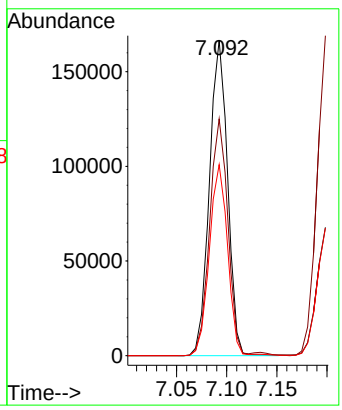


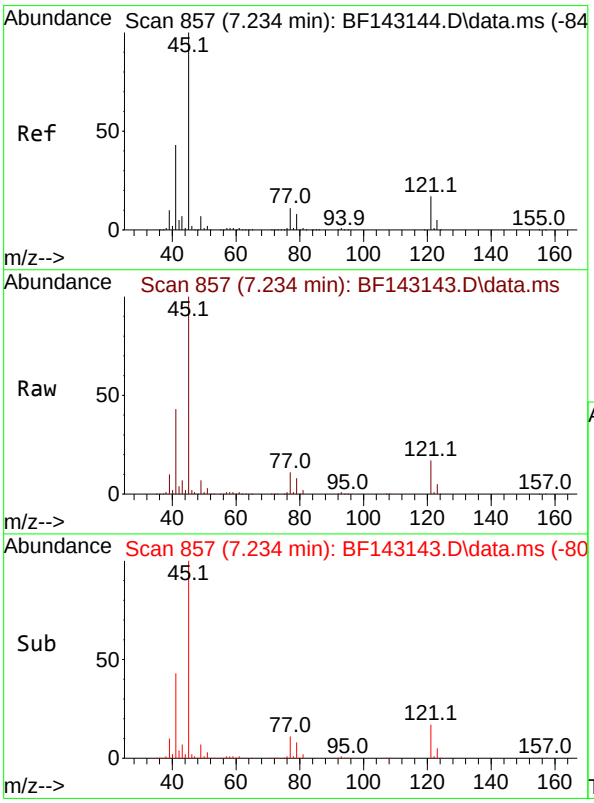
#15
Benzyl Alcohol
Concen: 20.524 ng
RT: 7.092 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 210016

Ion	Ratio	Lower	Upper
79	100		
108	75.0	61.1	91.7
77	60.5	48.9	73.3

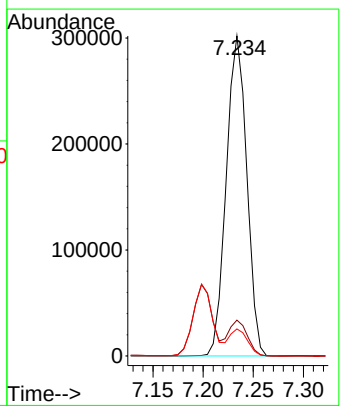


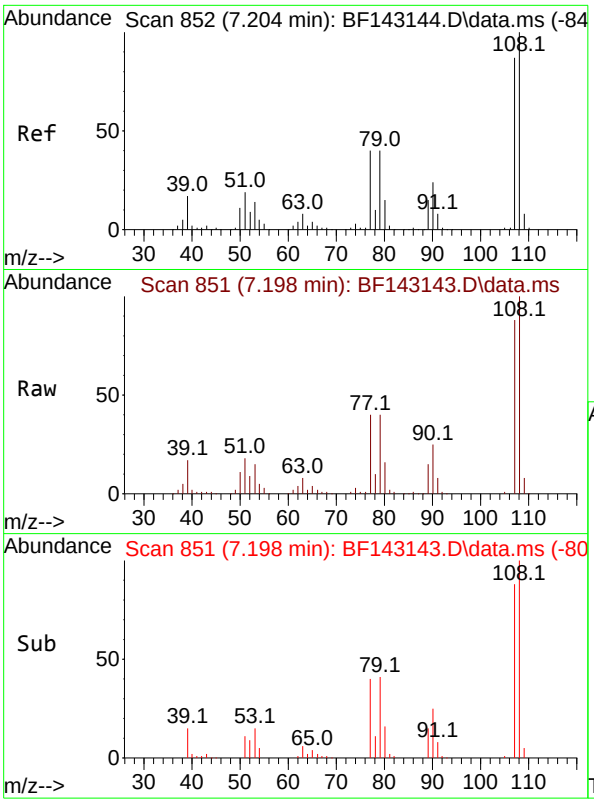


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.680 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 45 Resp: 428827

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.4	0.0	28.5



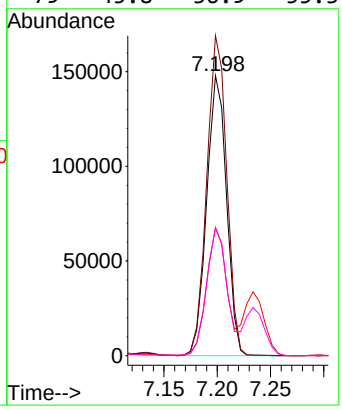


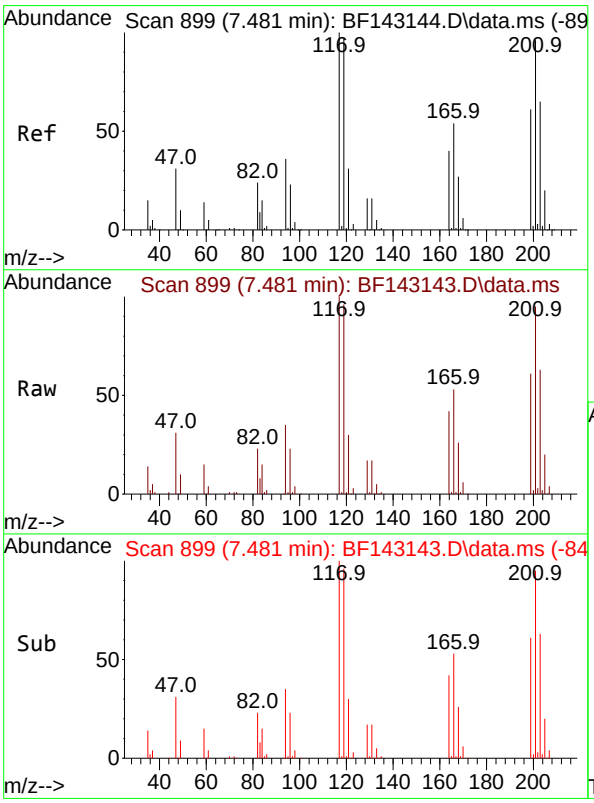
#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 192172

Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.8	137.6
77	45.6	37.0	55.6
79	45.8	36.9	55.3

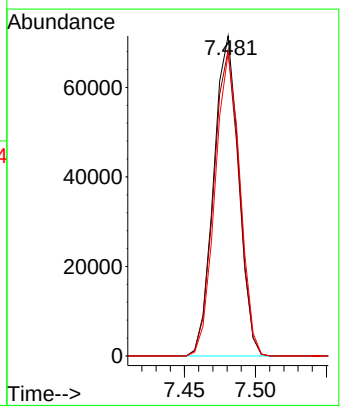


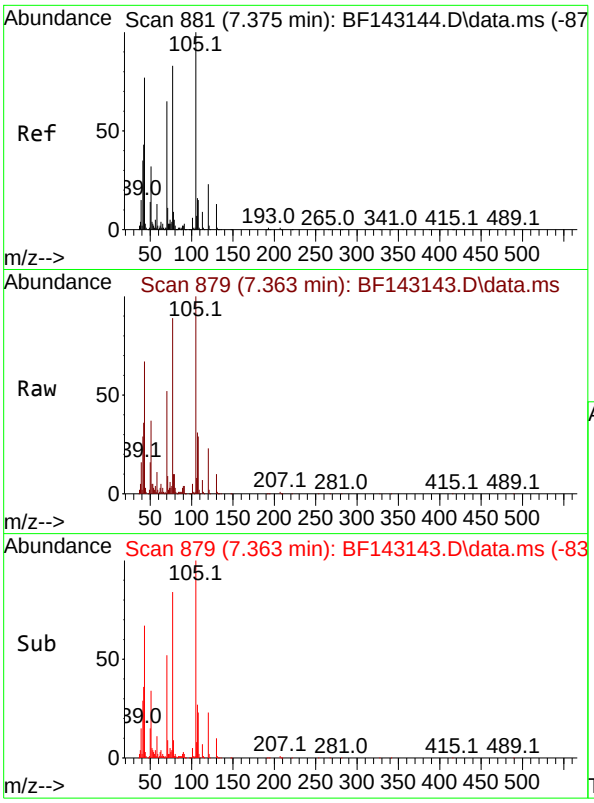


#18
Hexachloroethane
Concen: 20.828 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:117 Resp: 88036

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	94.8	77.0	115.4



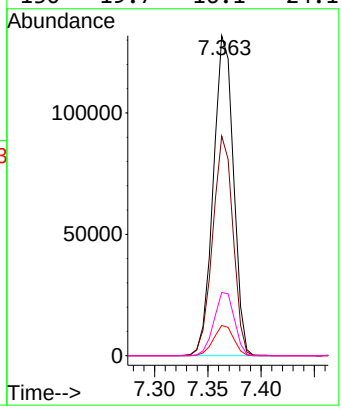


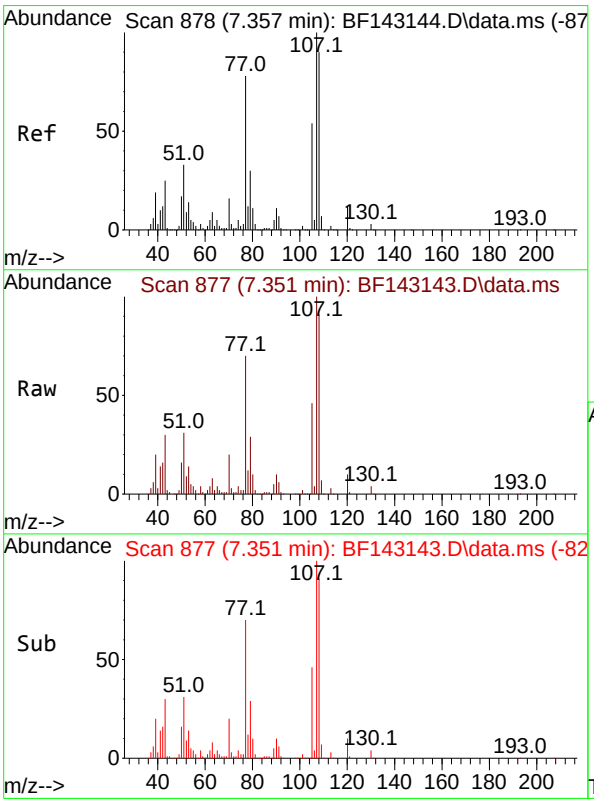
#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 173142

Ion	Ratio	Lower	Upper
70	100		
42	68.6	52.5	78.7
101	9.4	7.6	11.4
130	19.7	16.1	24.1

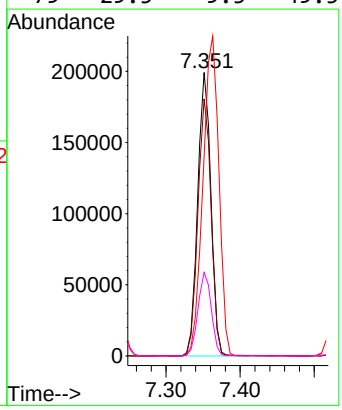


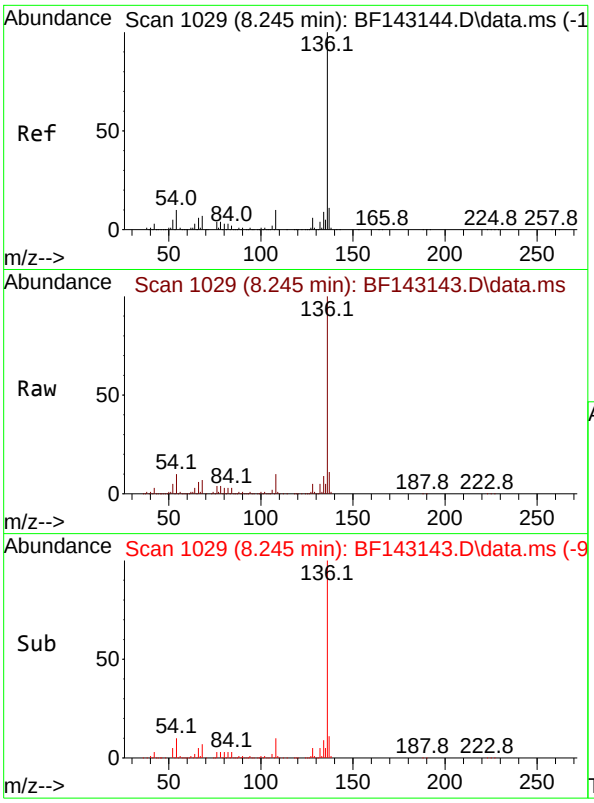


#20
3+4-Methylphenols
Concen: 21.745 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	70.4	57.8	97.8
79	29.5	9.5	49.5



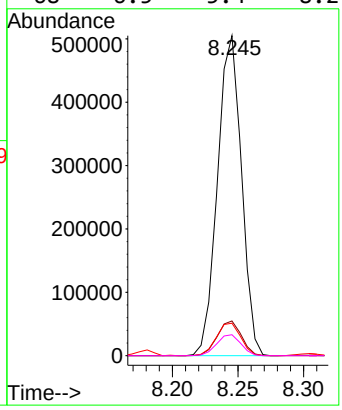


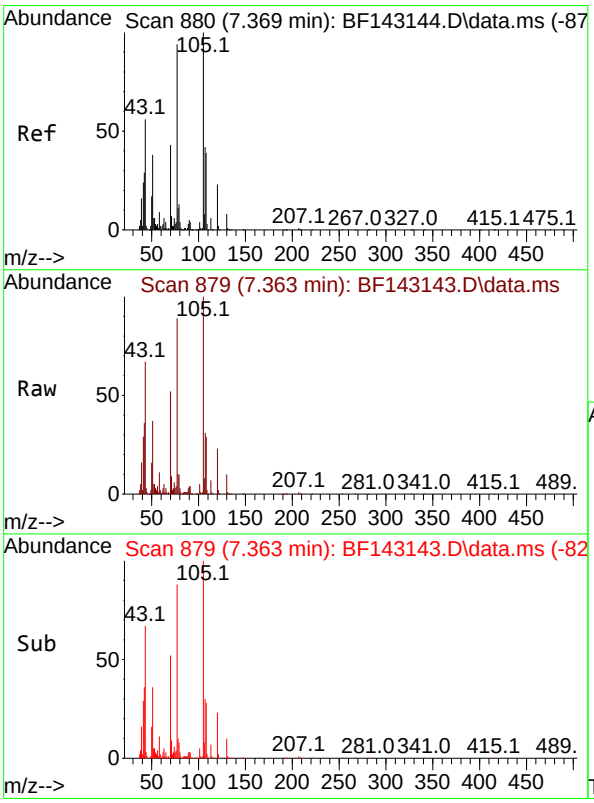
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 642580

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.2	8.2	12.2
68	6.5	5.4	8.2

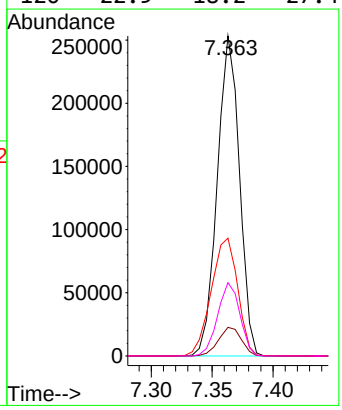


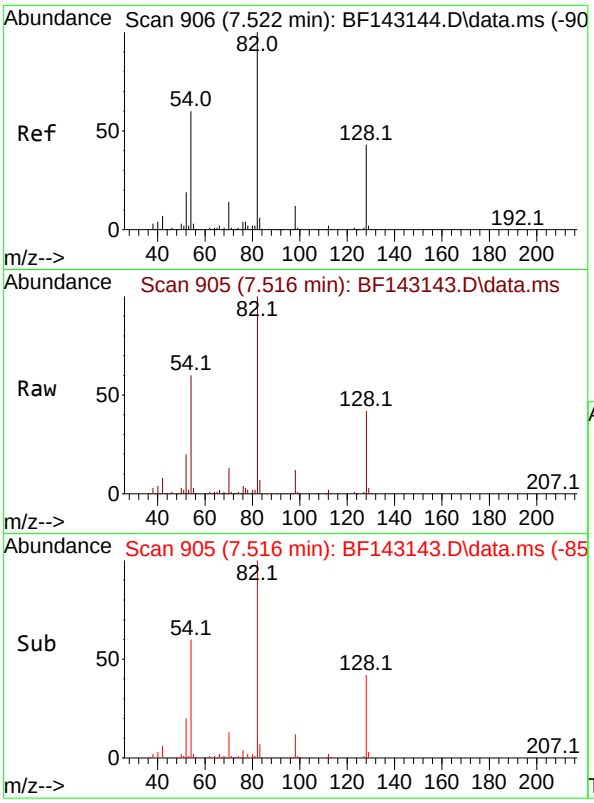


#22
Acetophenone
Concen: 21.151 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:105 Resp: 321774

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6#
51	36.8	30.2	45.2
120	22.9	18.2	27.4



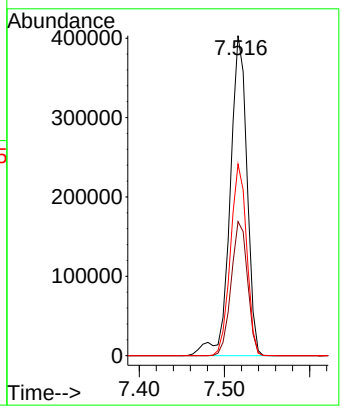


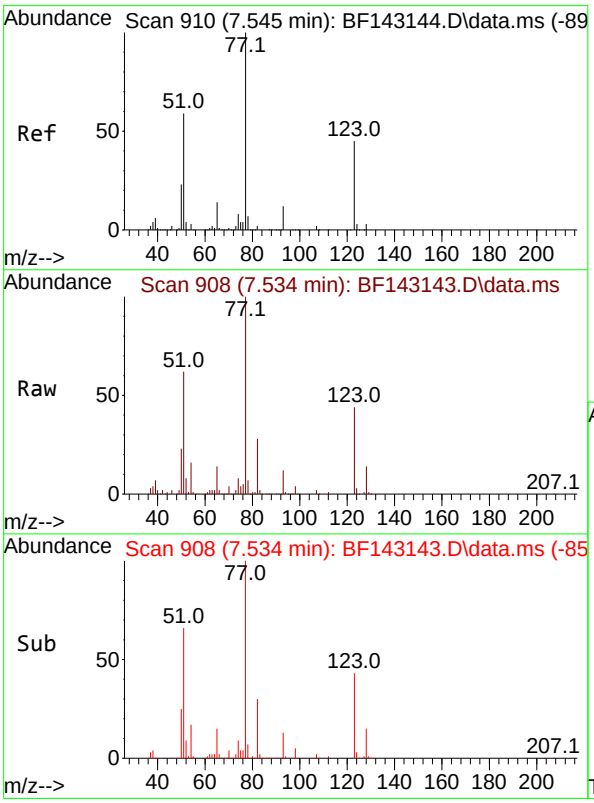
#23
Nitrobenzene-d5
Concen: 43.013 ng
RT: 7.516 min Scan# 9(
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 554482

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.6	50.4
54	59.8	47.1	70.7

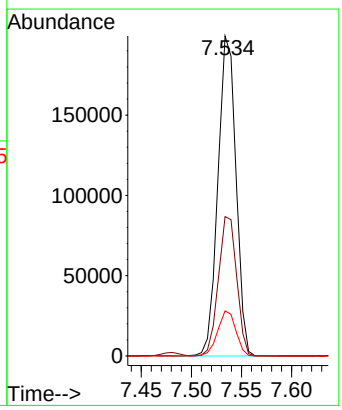


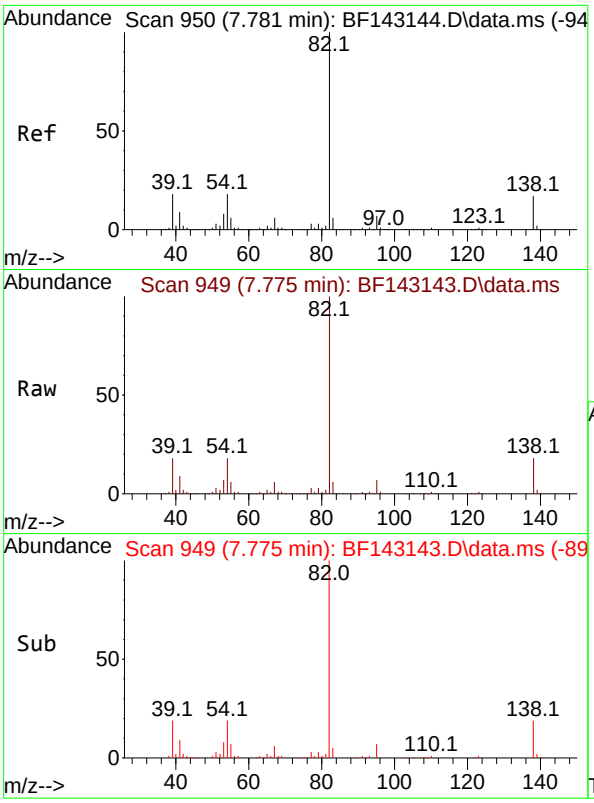


#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 249251

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.1	11.4	17.2



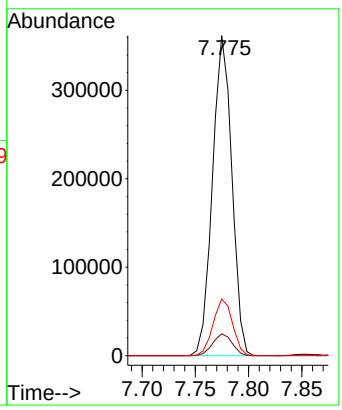


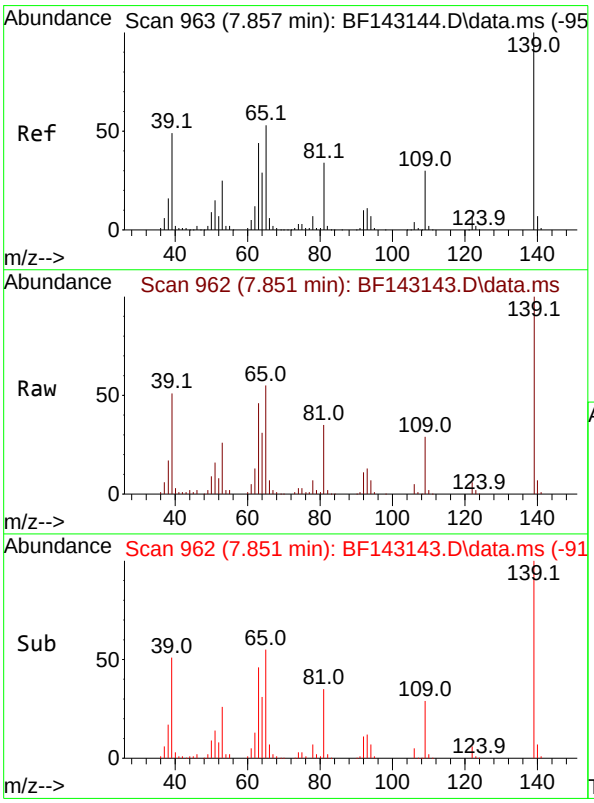
#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 457146

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.7	13.8	20.8

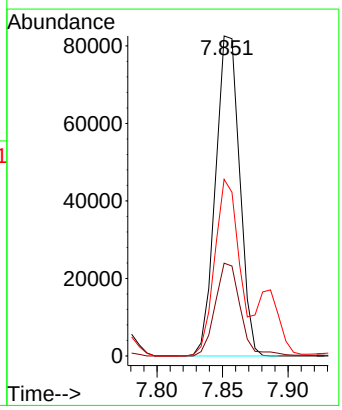


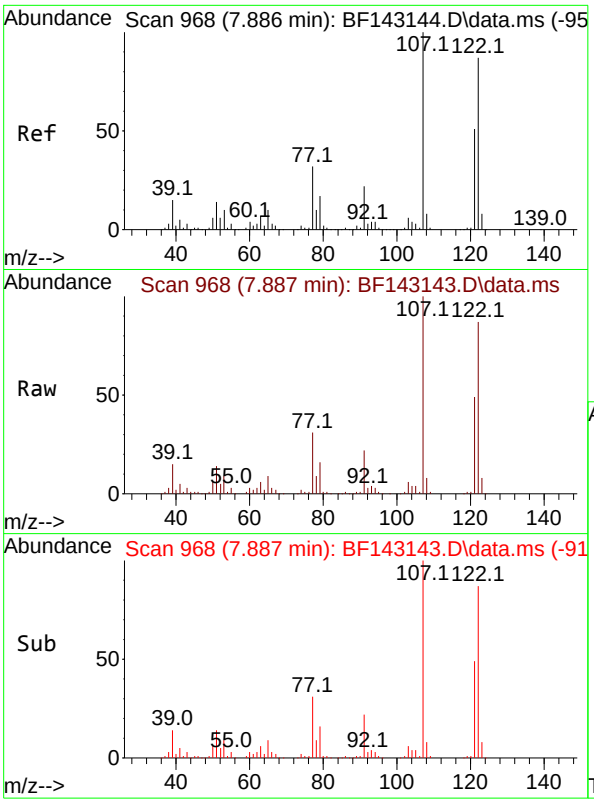


#26
2-Nitrophenol
Concen: 20.261 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 105681

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.2	42.6	64.0



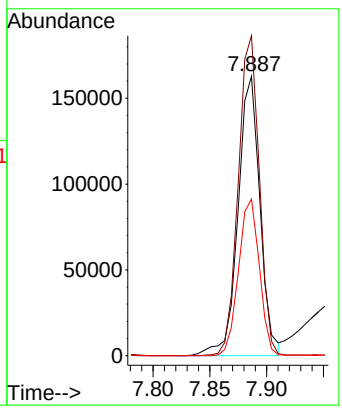


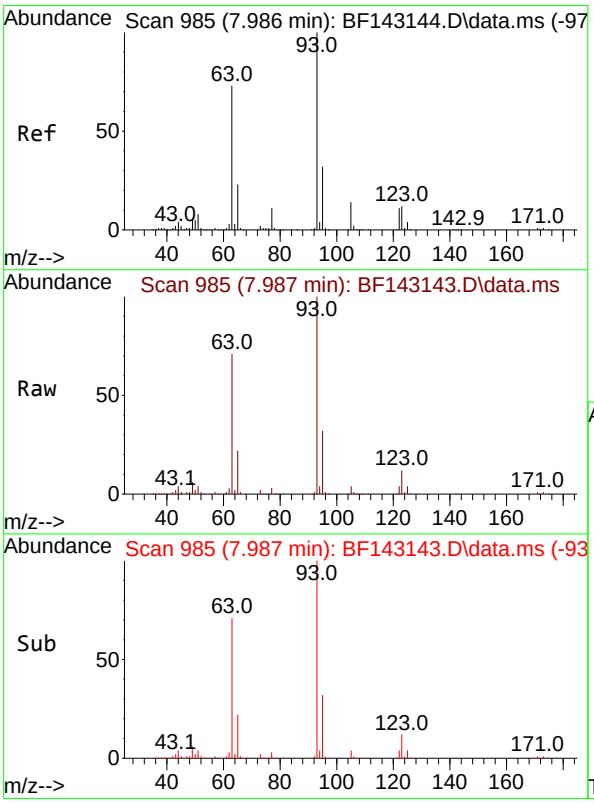
#27
2,4-Dimethylphenol
Concen: 20.594 ng
RT: 7.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 218960

Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.8	137.6
121	56.1	46.3	69.5

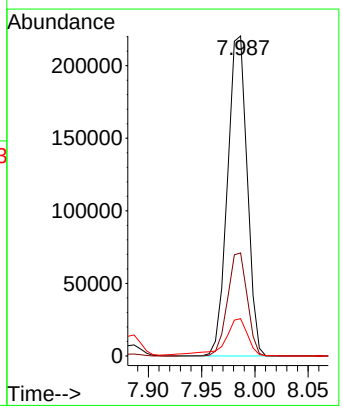


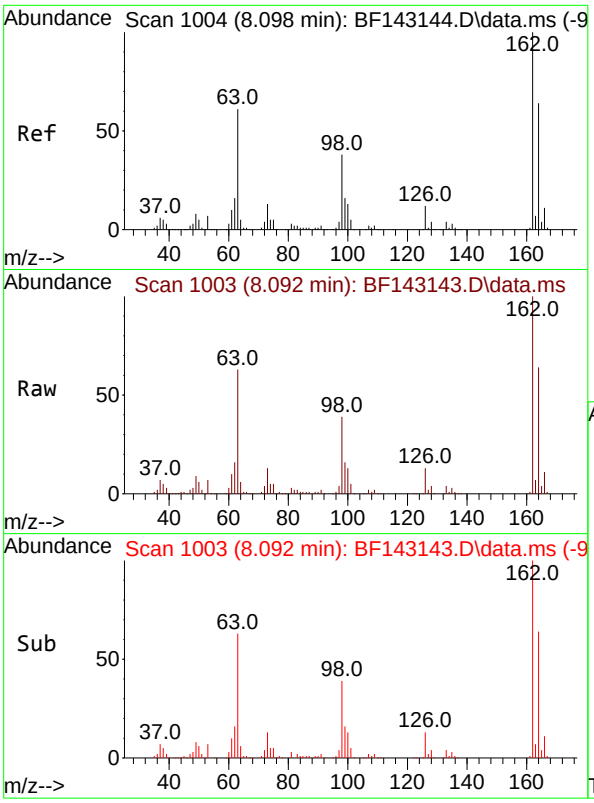


#28
bis(2-Chloroethoxy)methane
Concen: 20.811 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 283946

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.6	9.7	14.5



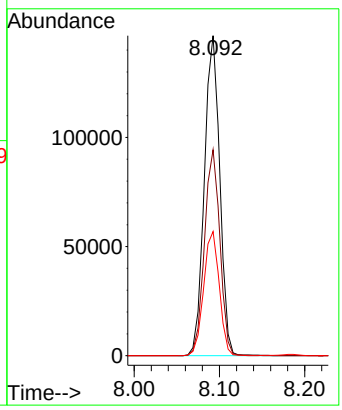


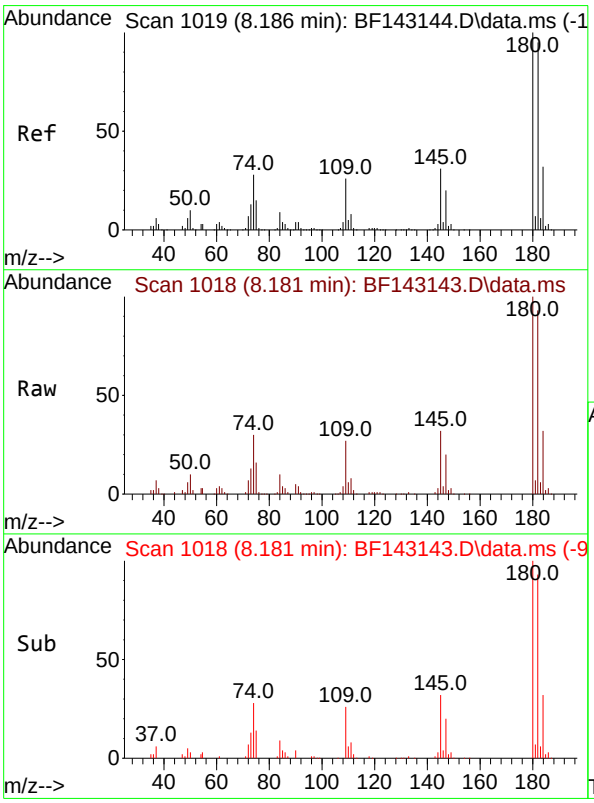
#29
2,4-Dichlorophenol
Concen: 20.569 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 184432

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	38.8	17.9	57.9

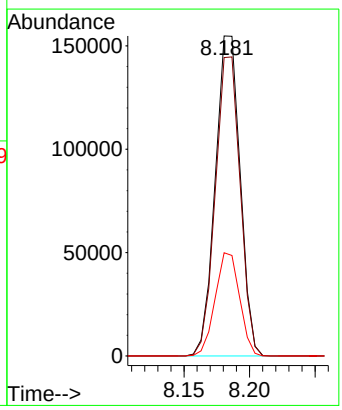


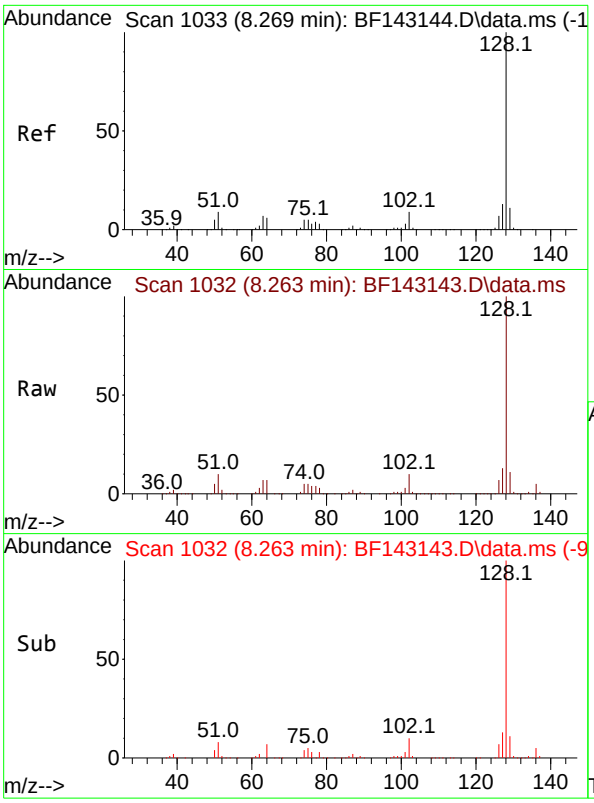


#30
1,2,4-Trichlorobenzene
Concen: 21.070 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:180 Resp: 204103

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.2	114.2
145	32.2	25.0	37.6



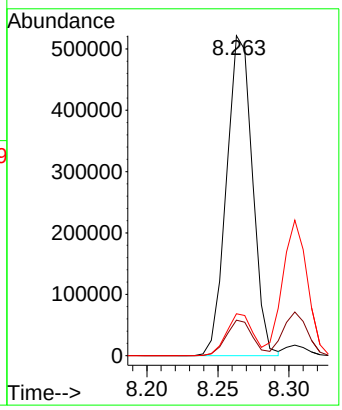


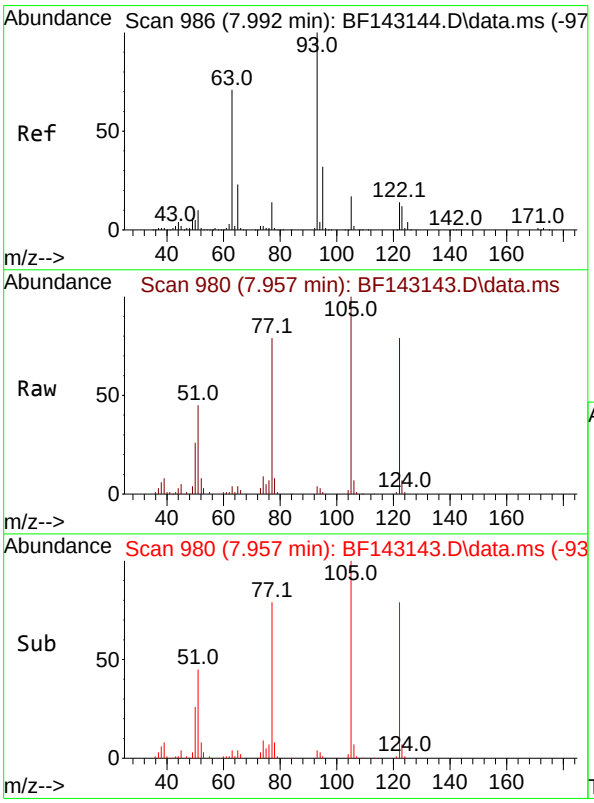
#31
Naphthalene
Concen: 20.949 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 662968

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.6	16.0

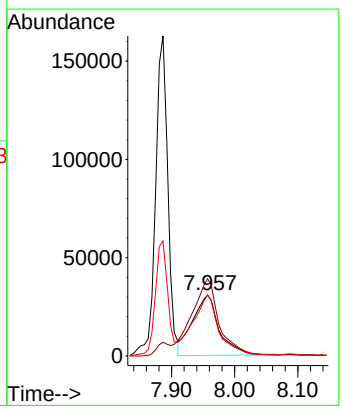


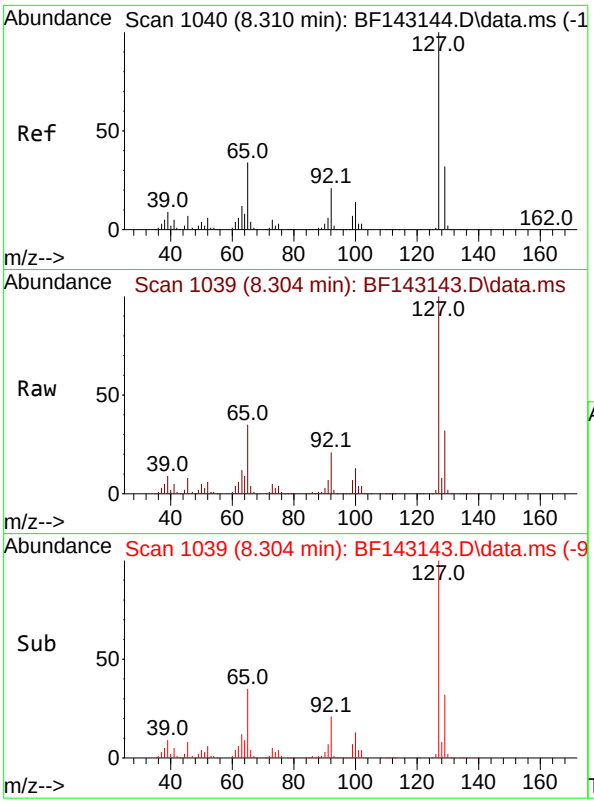


#32
Benzoic acid
Concen: 18.667 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 90732

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	99.7	77.6	117.6



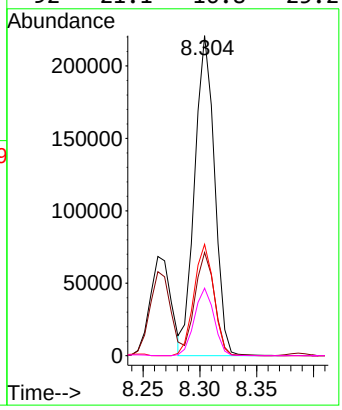


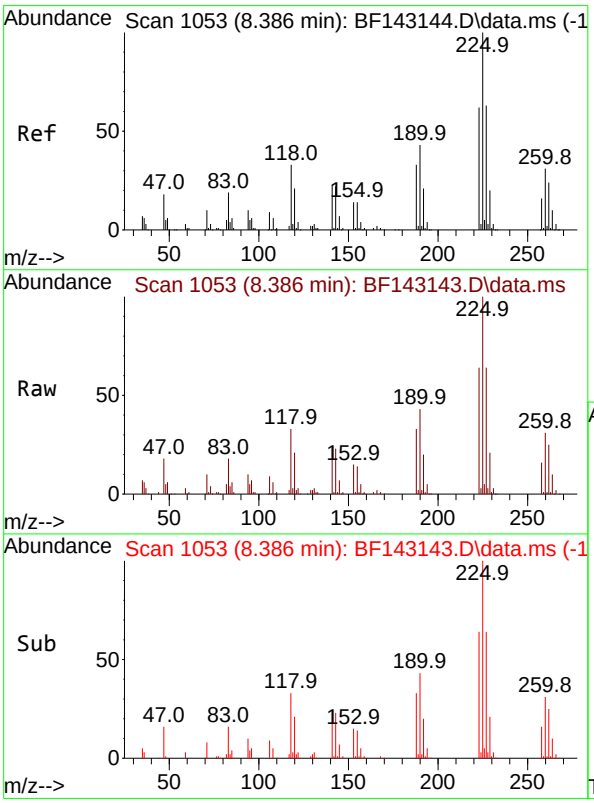
#33
4-Chloroaniline
Concen: 20.825 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 269101

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	34.8	27.4	41.2
92	21.1	16.8	25.2

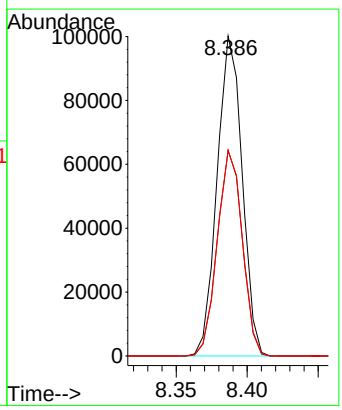


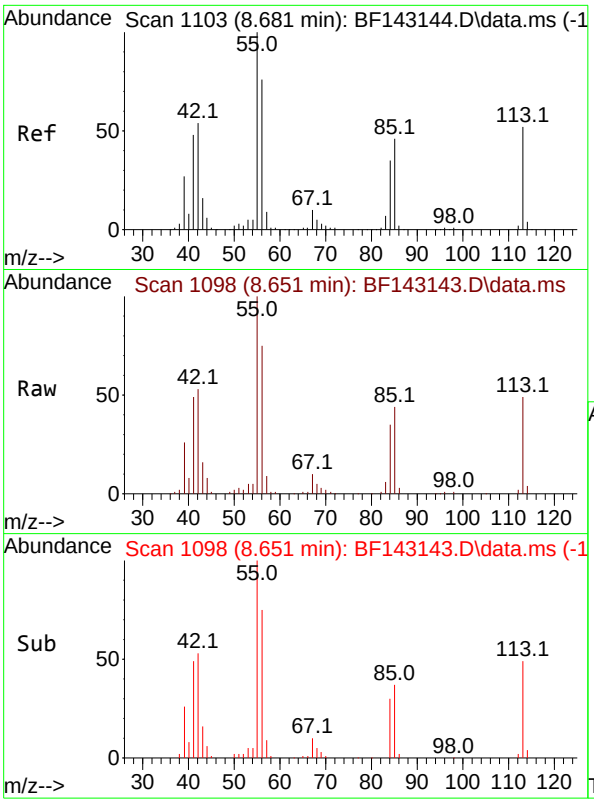


#34
Hexachlorobutadiene
Concen: 20.722 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:225 Resp: 122624

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	64.1	50.2	75.4



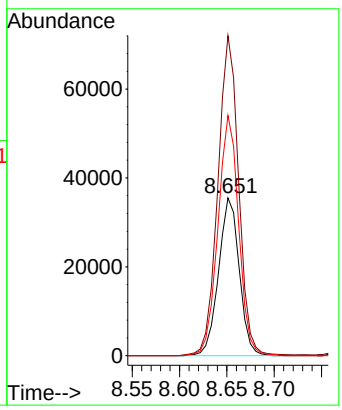


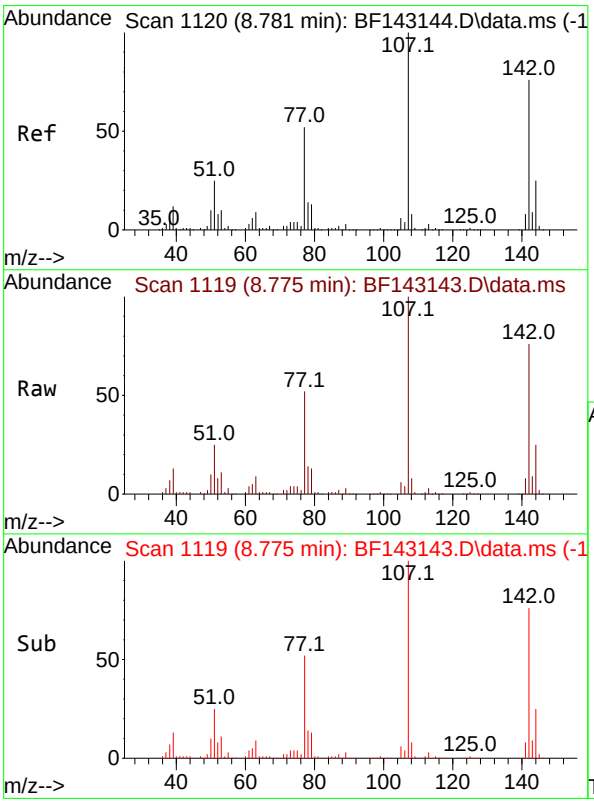
#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 53950

Ion	Ratio	Lower	Upper
113	100		
55	202.9	174.0	214.0
56	152.2	126.6	166.6

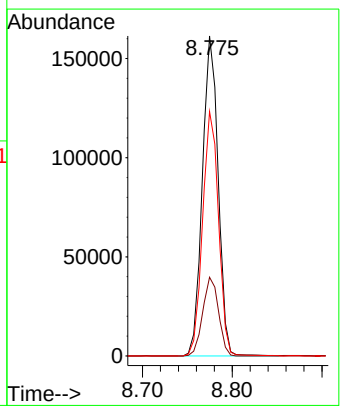


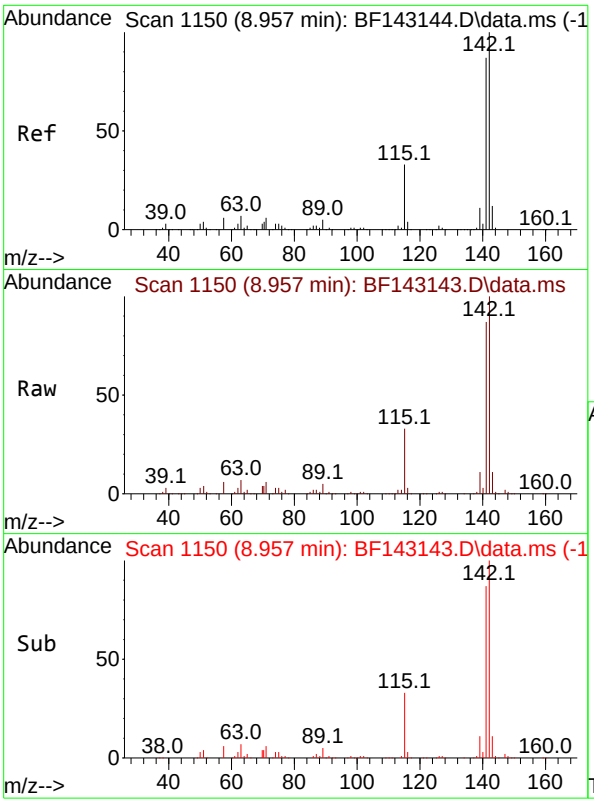


#36
4-Chloro-3-methylphenol
Concen: 20.246 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 197317

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	76.4	60.6	90.8



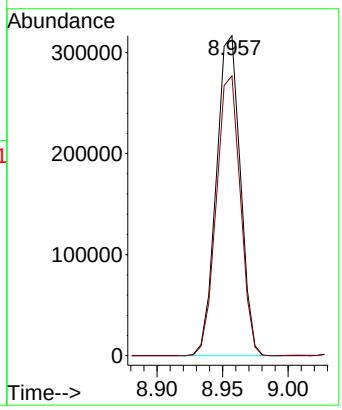


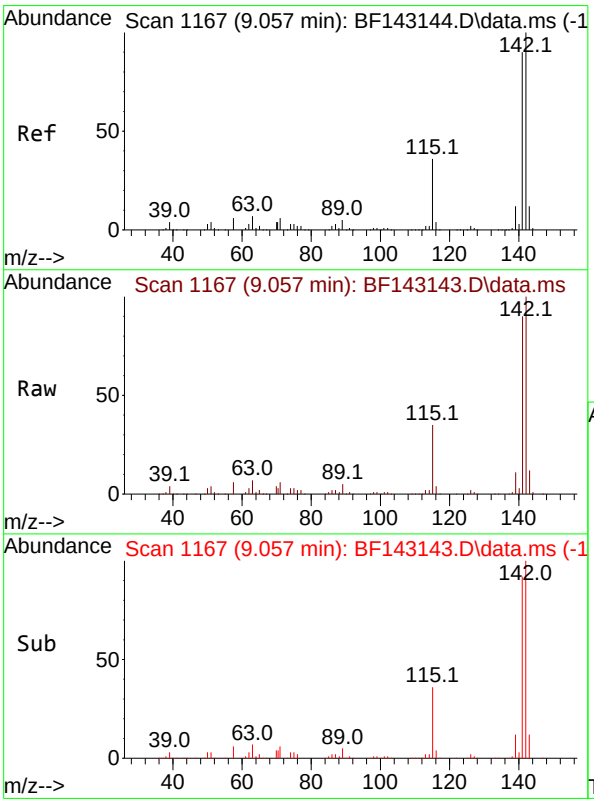
#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 403298

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9

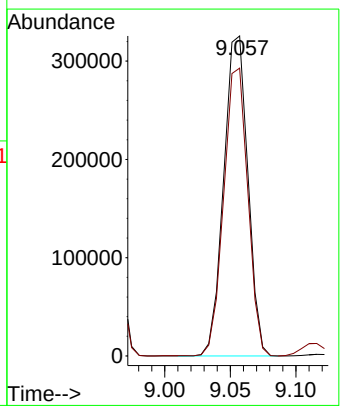


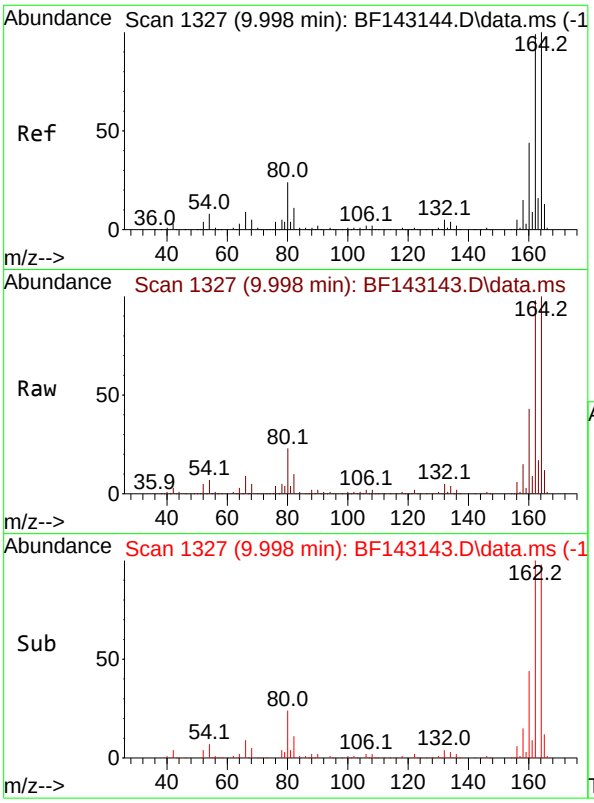


#38
1-Methylnaphthalene
Concen: 21.060 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 417629

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5



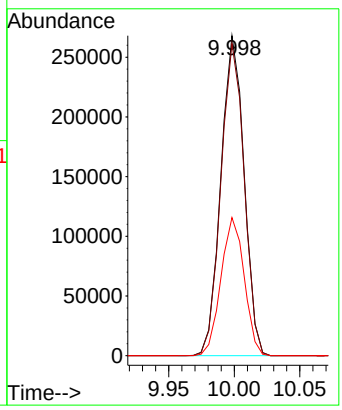


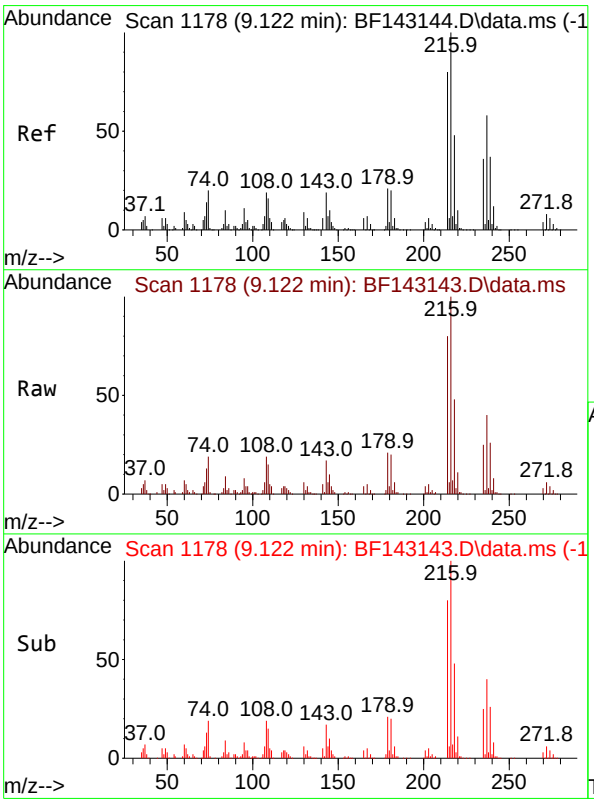
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 329670

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.2	35.1	52.7

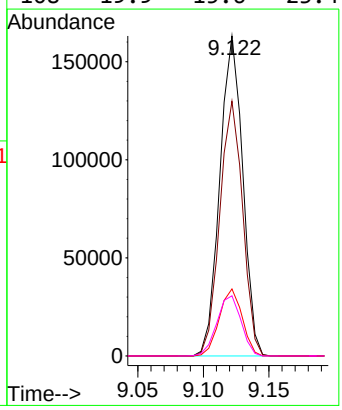


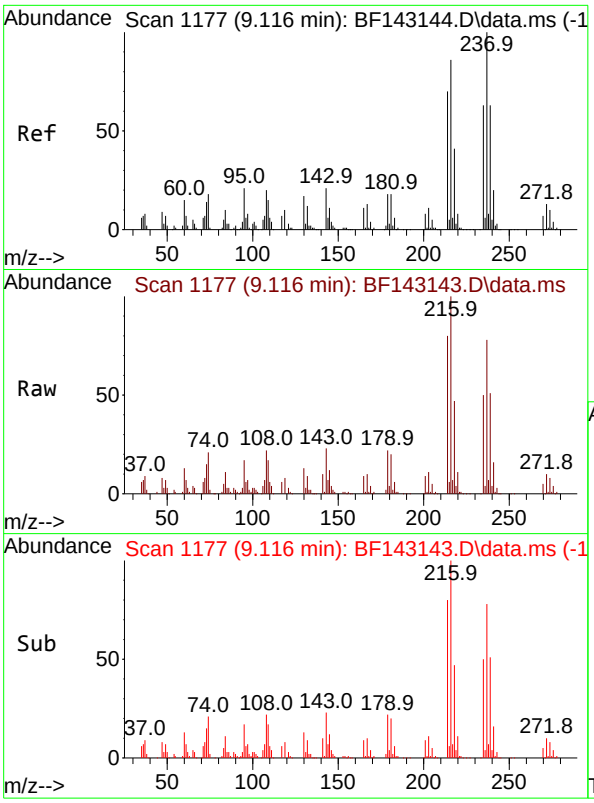


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.804 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:216 Resp: 198009

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	21.0	16.4	24.6
108	19.9	15.6	23.4



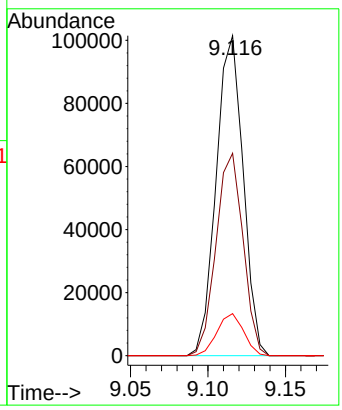


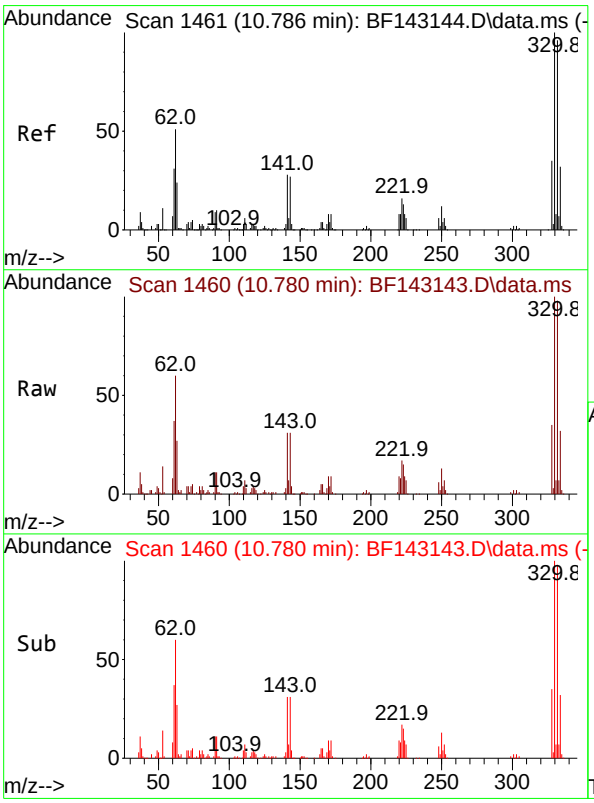
#41
Hexachlorocyclopentadiene
Concen: 19.848 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 122922

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.2	0.0	33.3

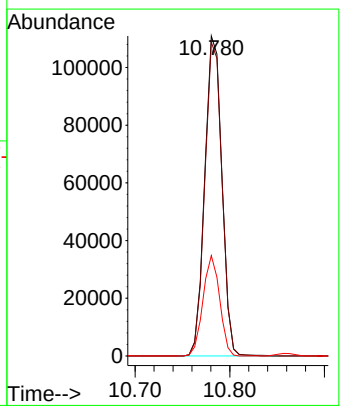


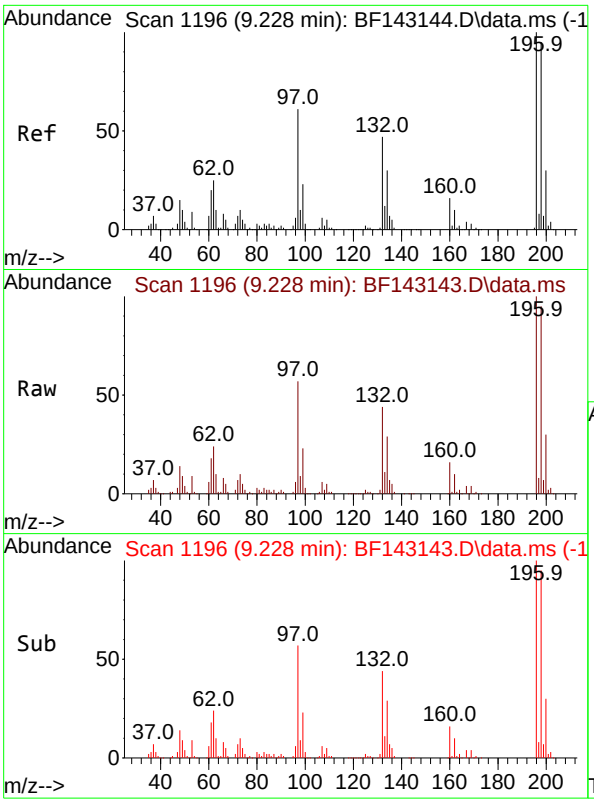


#42
2,4,6-Tribromophenol
Concen: 41.034 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:330 Resp: 139748

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	30.4	23.3	34.9



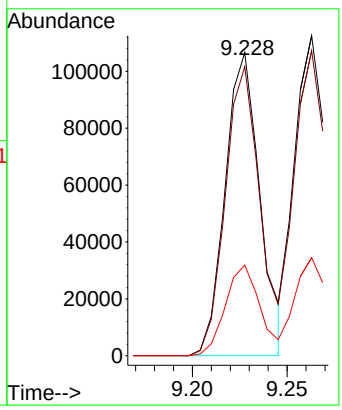


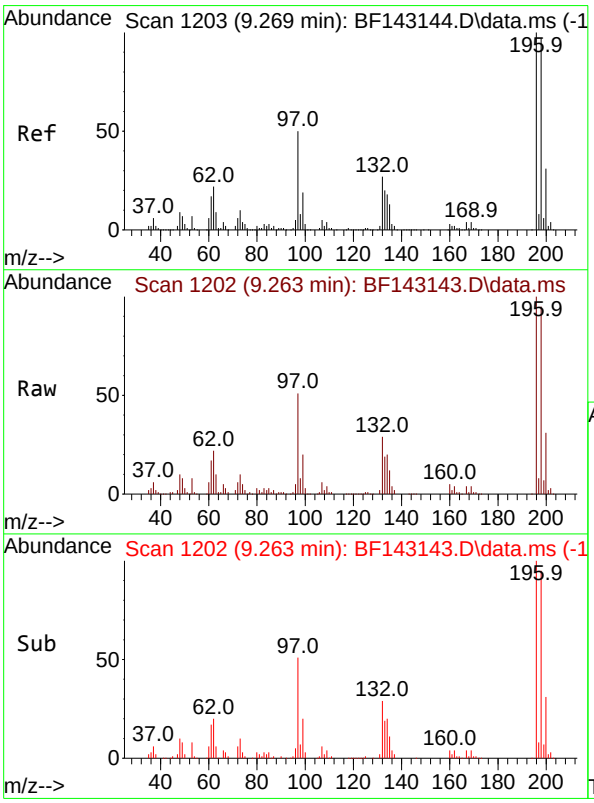
#43
2,4,6-Trichlorophenol
Concen: 20.601 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 135703

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.2
200	29.9	23.9	35.9

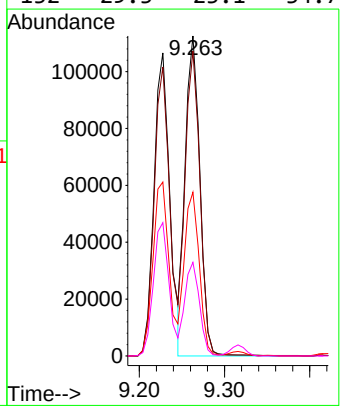


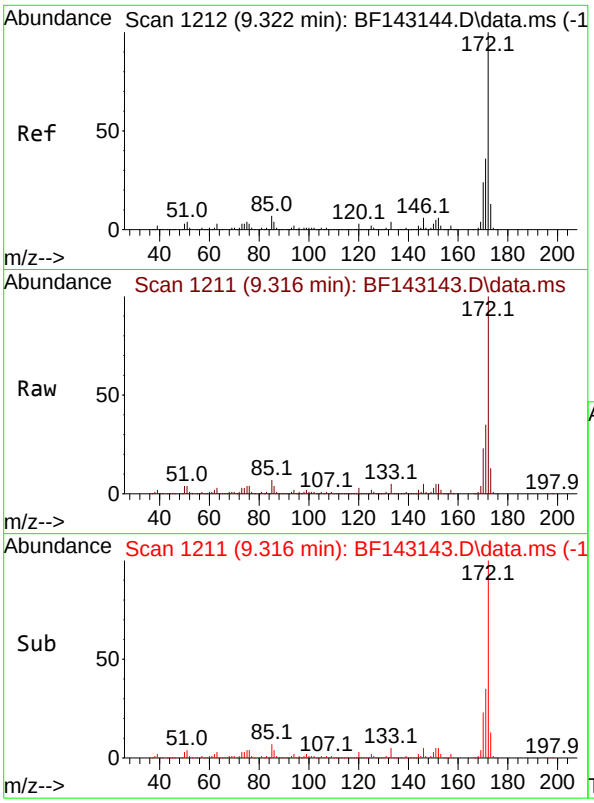


#44
2,4,5-Trichlorophenol
Concen: 20.584 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 135634

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.3	115.9
97	51.2	40.3	60.5
132	29.3	23.1	34.7



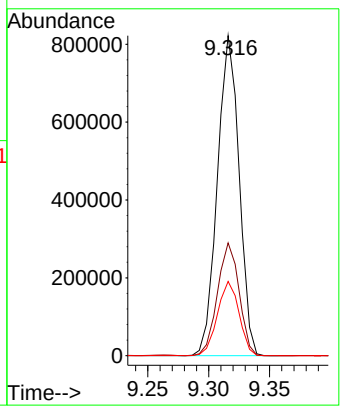


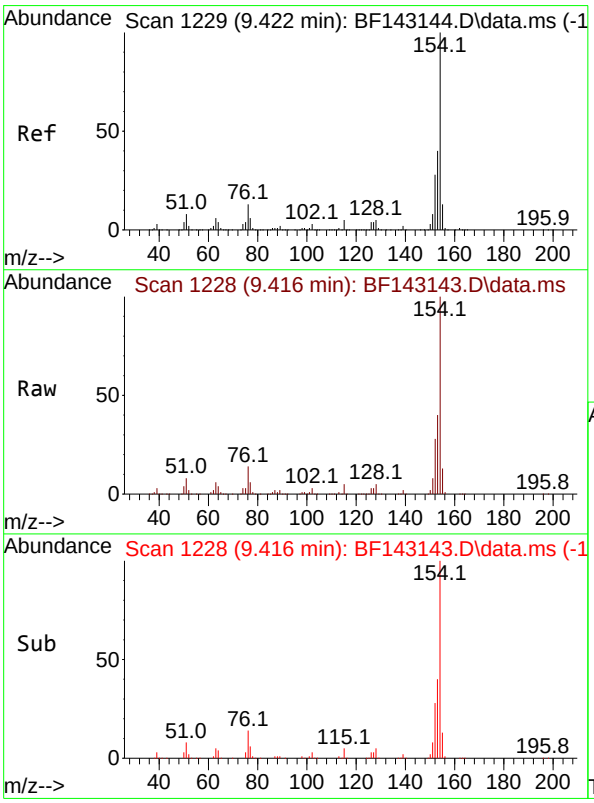
#45
2-Fluorobiphenyl
Concen: 42.301 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 1019688

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	18.8	28.2

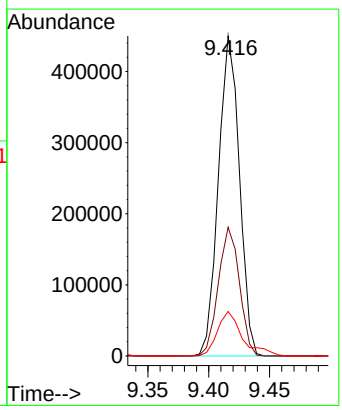


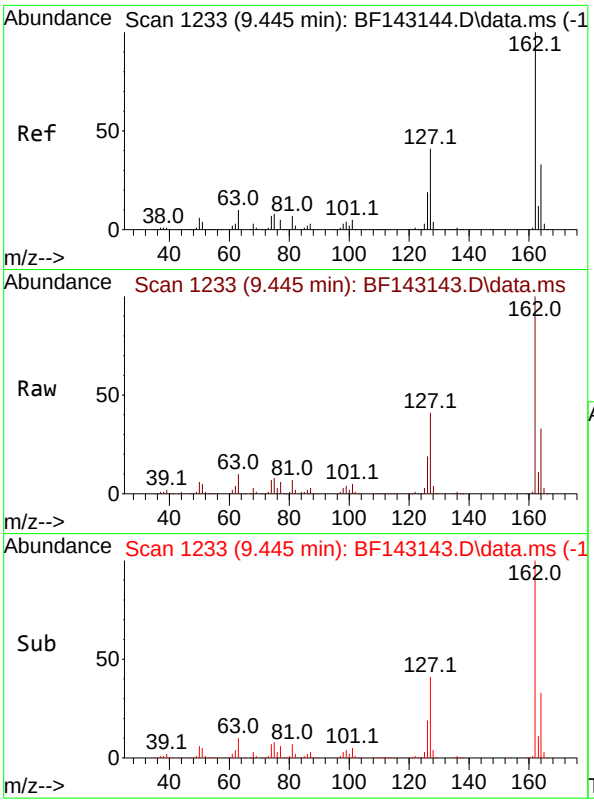


#46
1,1'-Biphenyl
Concen: 21.019 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 540637

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.9	0.0	33.3



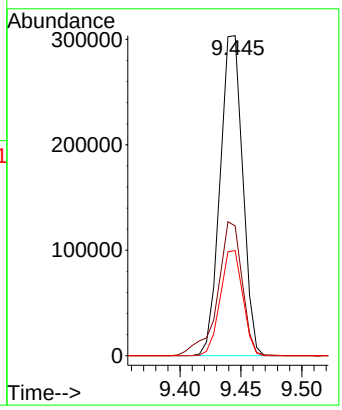


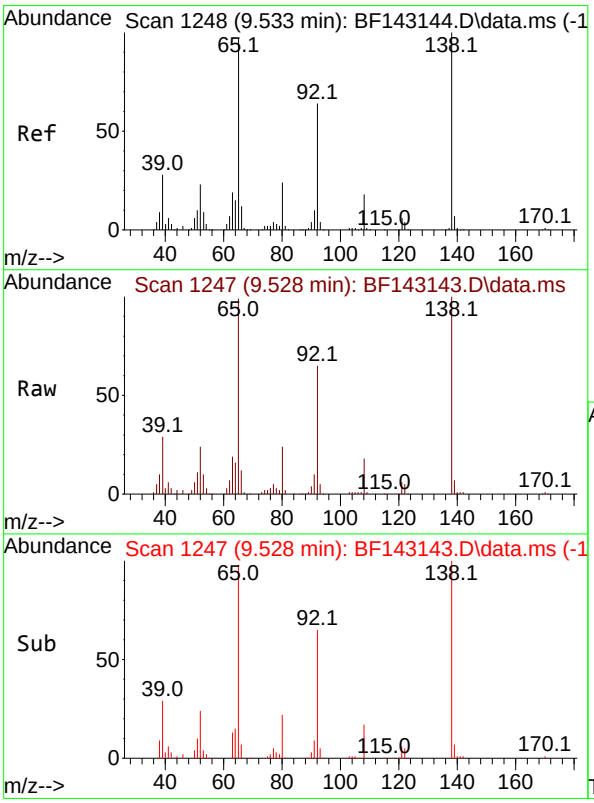
#47
2-Chloronaphthalene
Concen: 20.650 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 393002

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.9	26.2	39.2

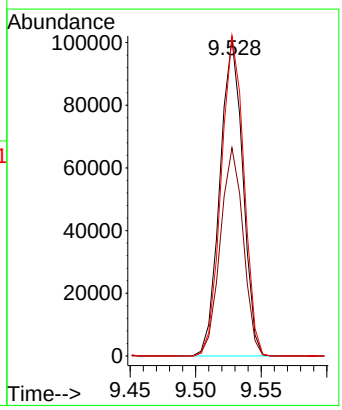


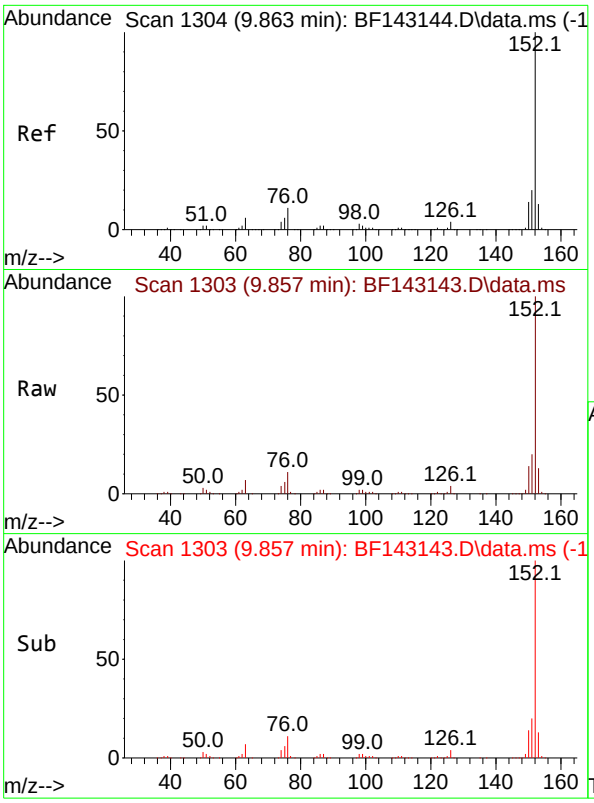


#48
2-Nitroaniline
Concen: 20.528 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 65 Resp: 122517

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.4	78.6
138	100.8	82.3	123.5



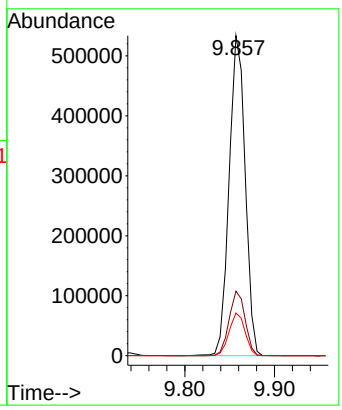


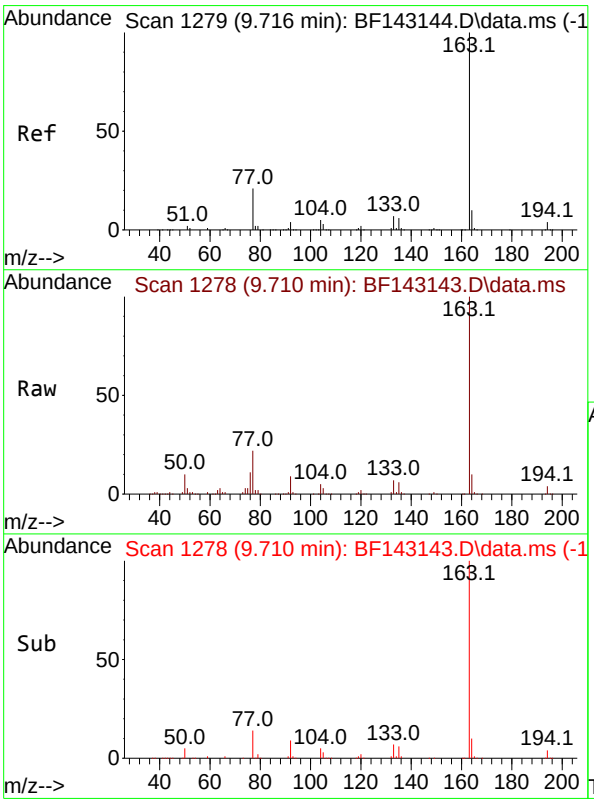
#49
Acenaphthylene
Concen: 20.789 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 663048

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0

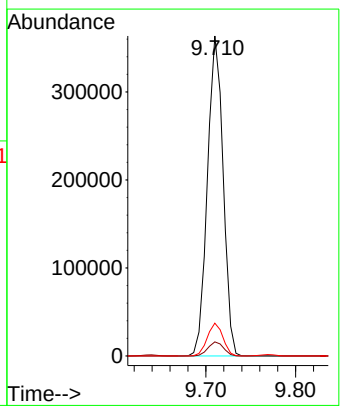


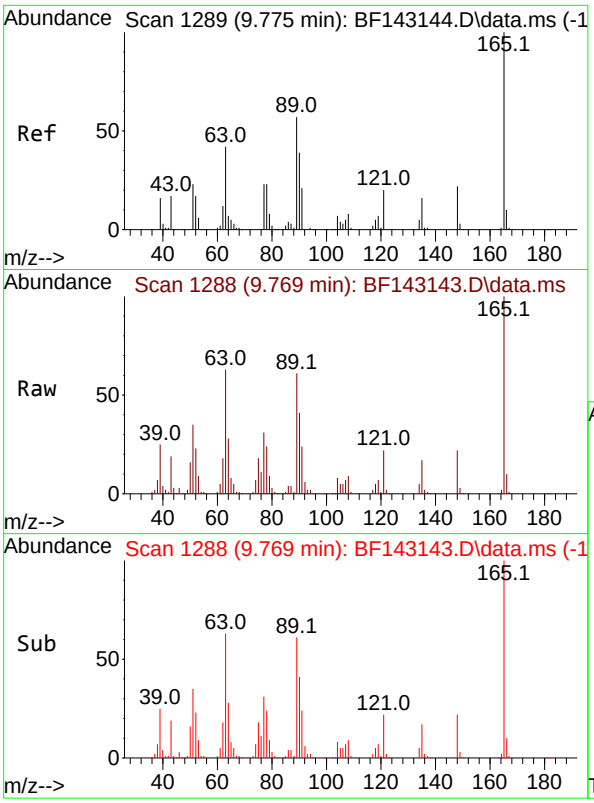


#50
Dimethylphthalate
Concen: 20.558 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:163 Resp: 441768

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5



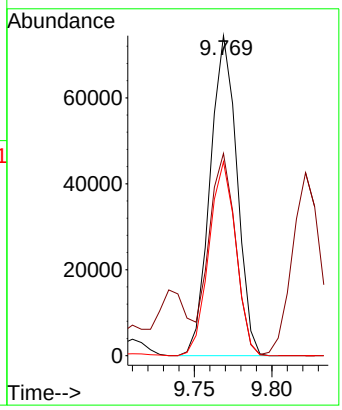


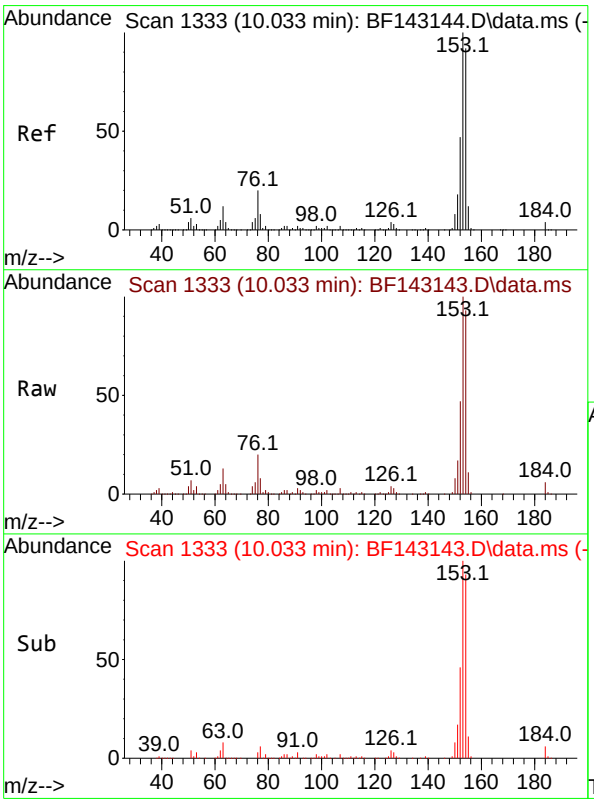
#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 89742

Ion	Ratio	Lower	Upper
165	100		
63	63.2	49.4	74.2
89	60.6	46.2	69.2

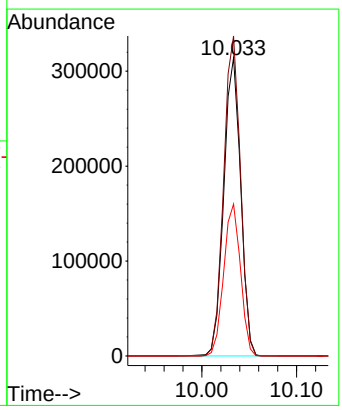


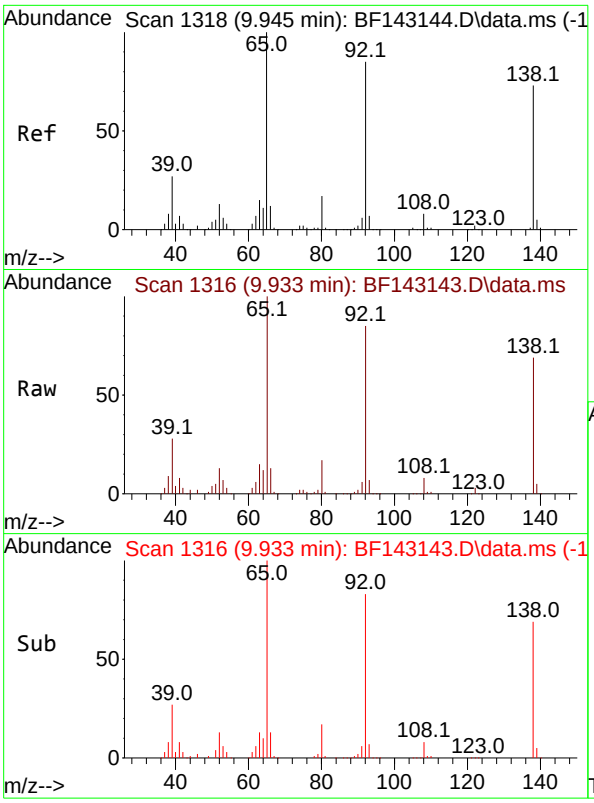


#52
Acenaphthene
Concen: 20.702 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 390249

Ion	Ratio	Lower	Upper
154	100		
153	107.3	86.6	129.8
152	50.9	40.4	60.6



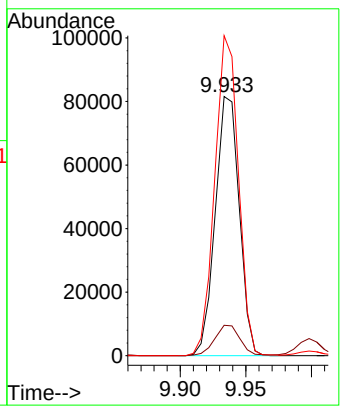


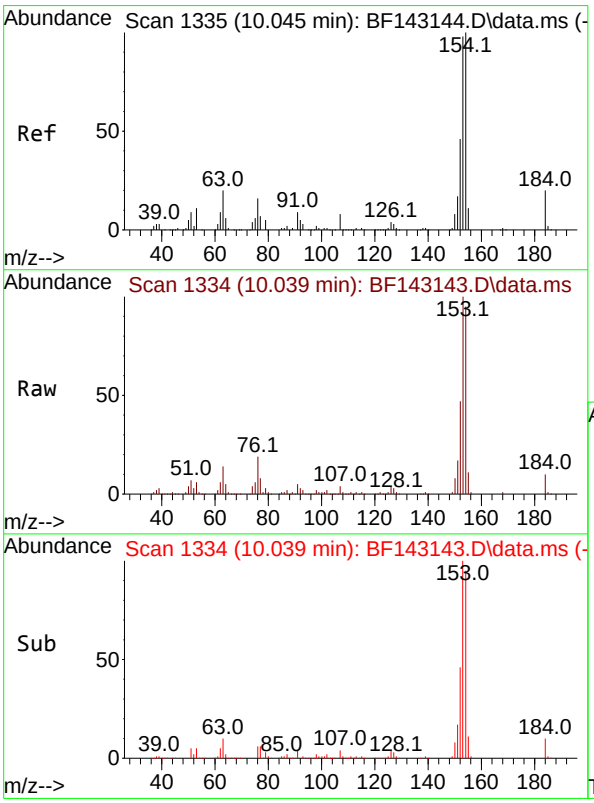
#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 103870

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.6
92	123.4	93.0	139.4

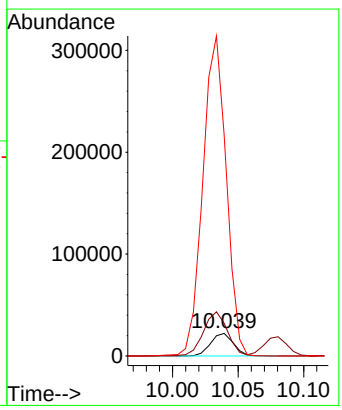


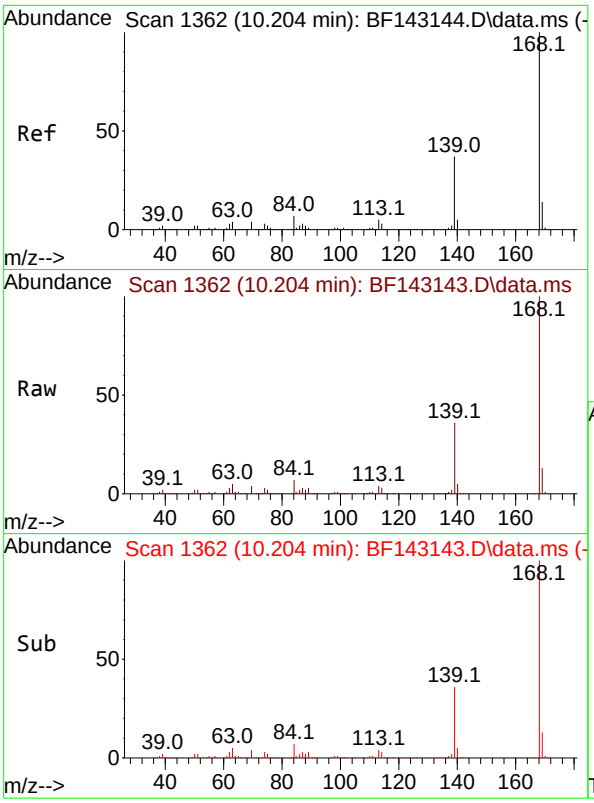


#54
2,4-Dinitrophenol
Concen: 19.073 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 26820

Ion	Ratio	Lower	Upper
184	100		
63	145.3	81.8	122.6#
154	980.0	412.2	618.4#



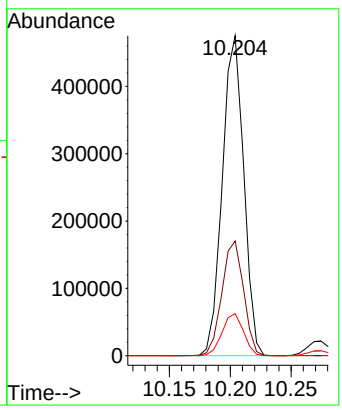


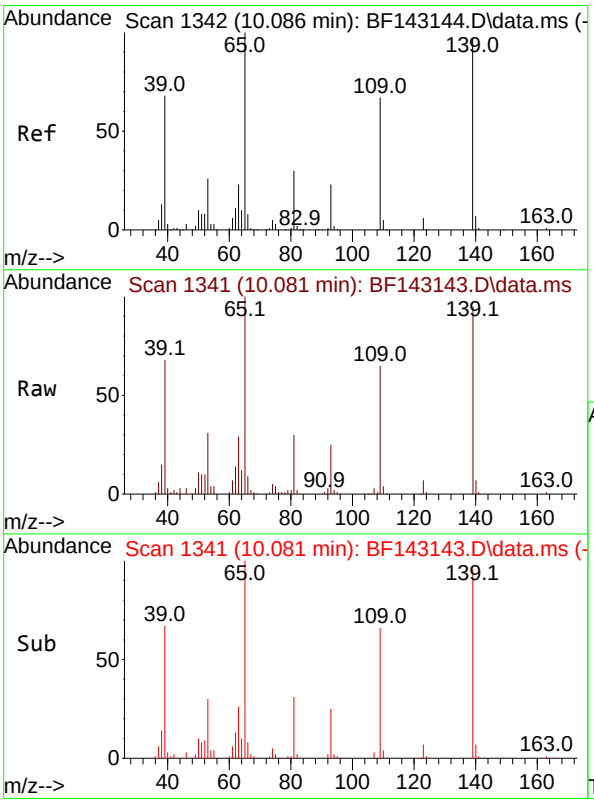
#55
Dibenzofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 582320

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.5	44.3
169	13.1	10.9	16.3

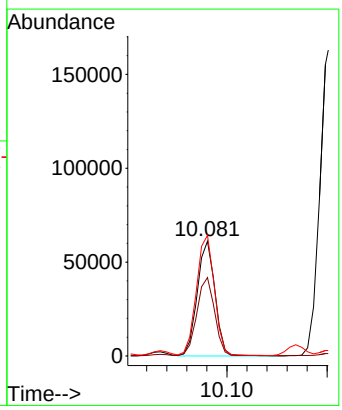


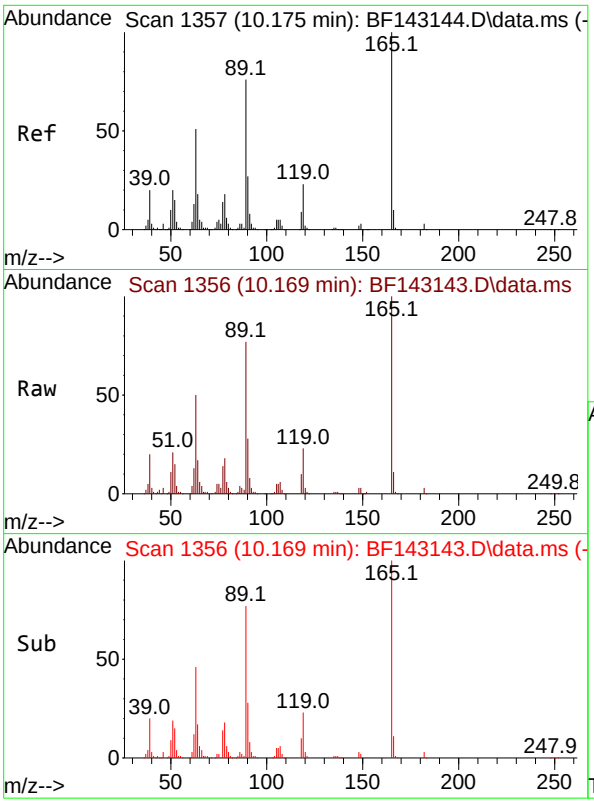


#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 75275

Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.5	88.5
65	105.1	83.4	123.4



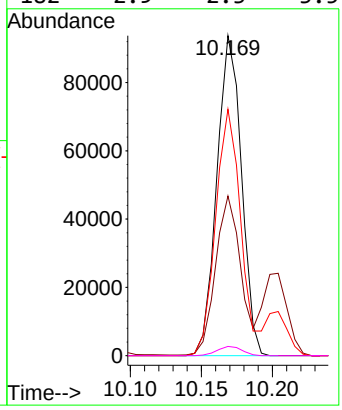


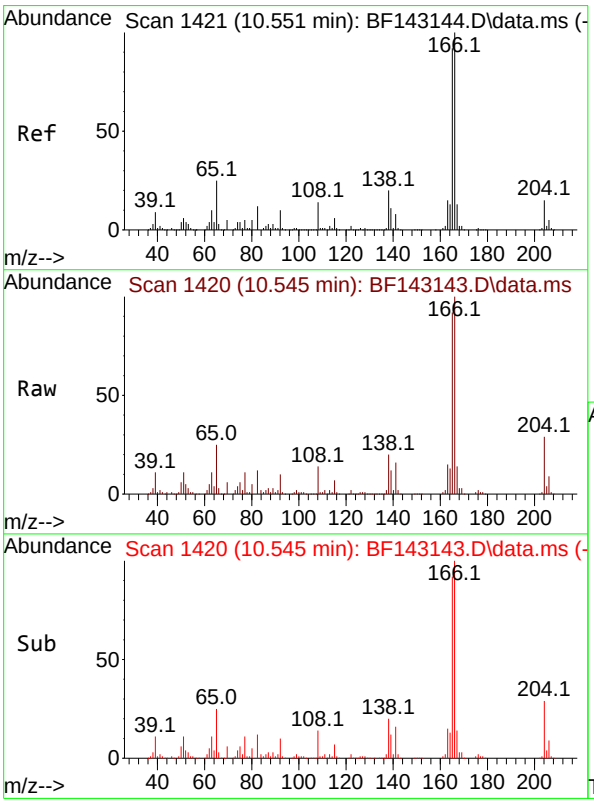
#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 112851

Ion	Ratio	Lower	Upper
165	100		
63	49.9	41.0	61.4
89	77.0	61.1	91.7
182	2.9	2.3	3.5

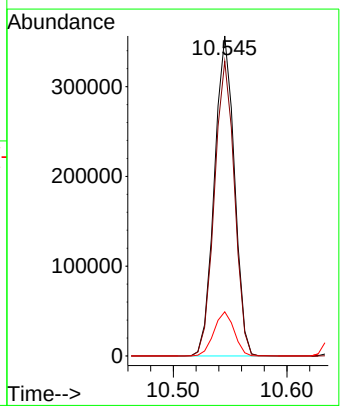


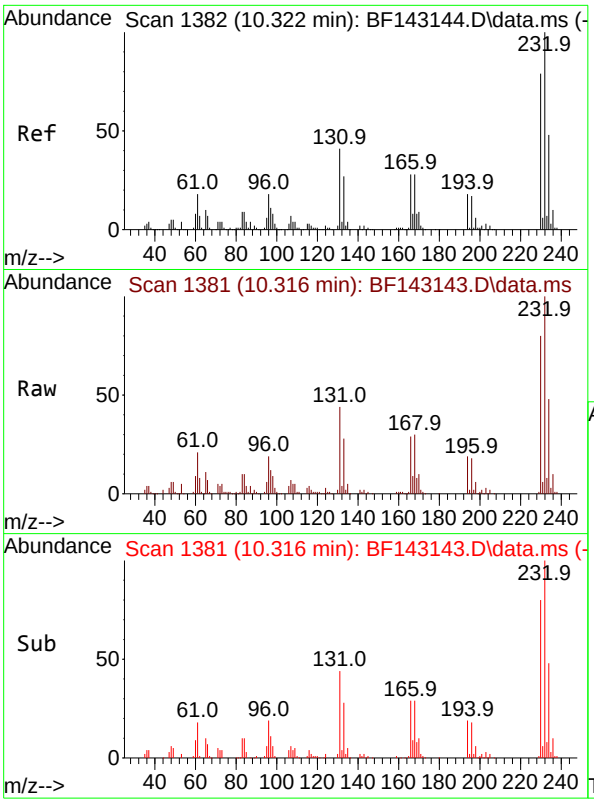


#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:166 Resp: 435866

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.8	10.6	16.0



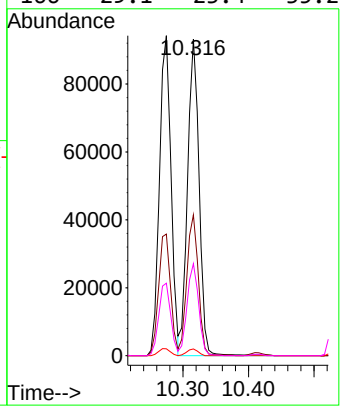


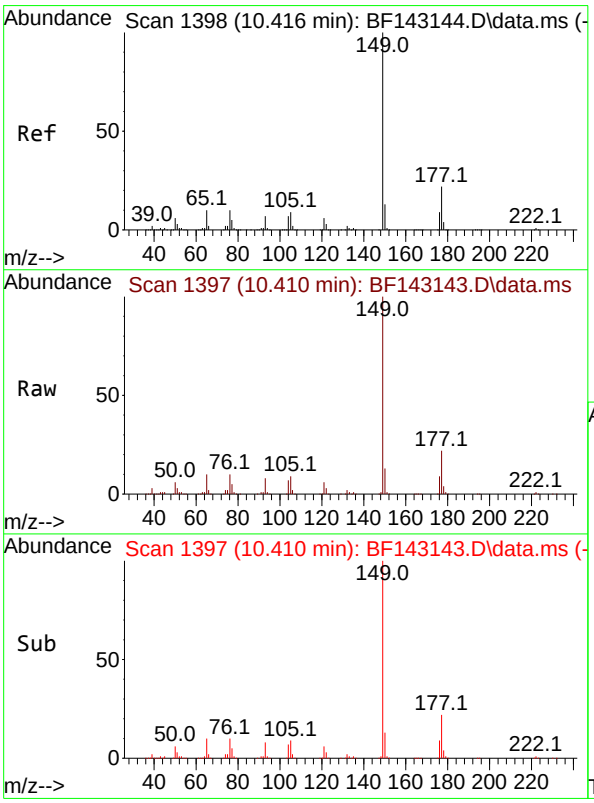
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 113851

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	29.1	23.4	35.2

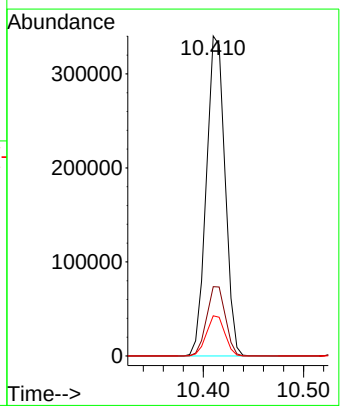


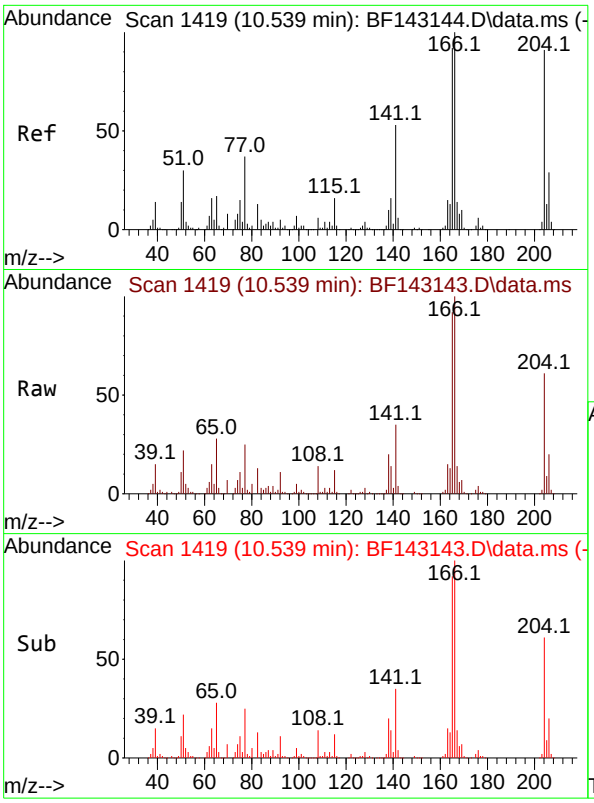


#60
Diethylphthalate
Concen: 20.719 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 440058

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.5	10.2	15.2



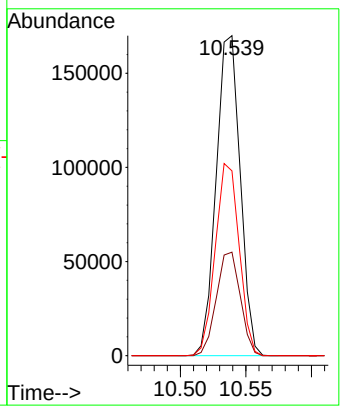


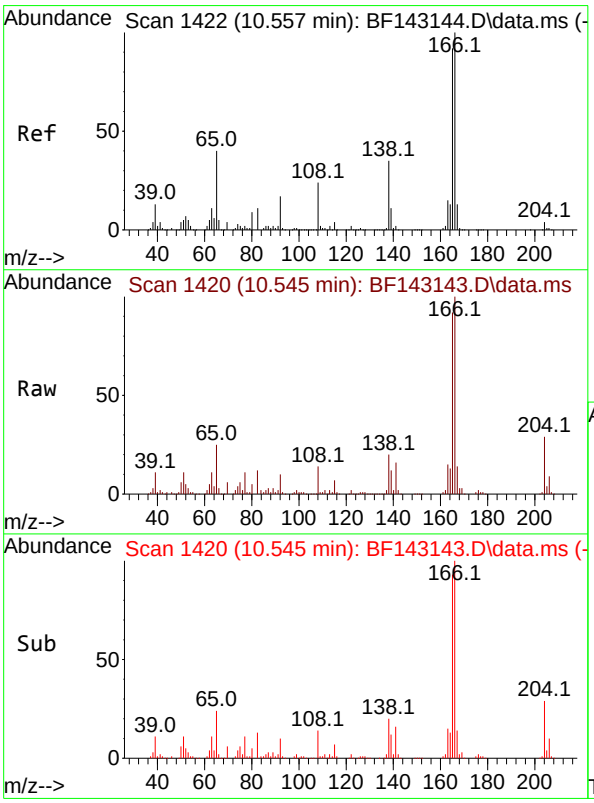
#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 216496

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	57.8	47.0	70.4

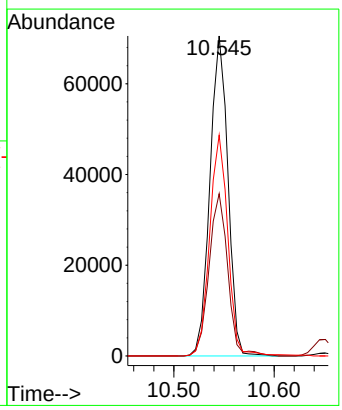


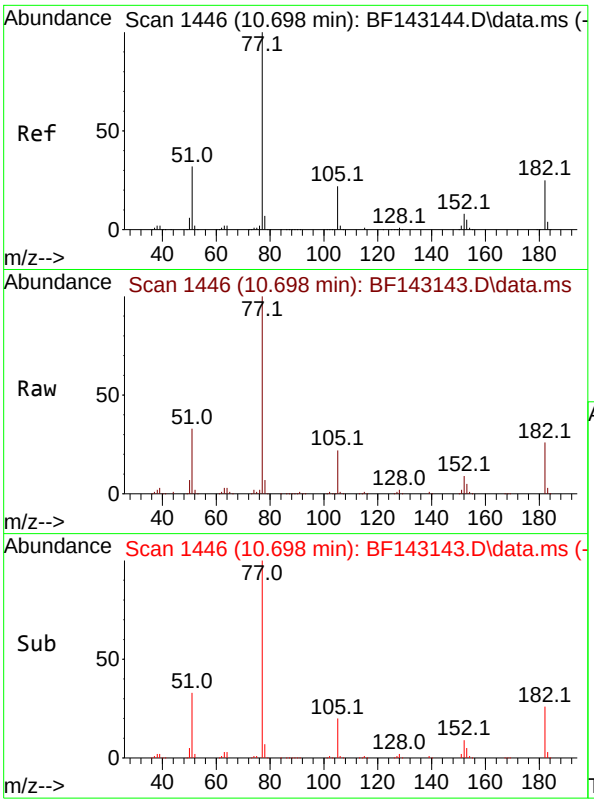


#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 87666

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.0	48.3	88.3



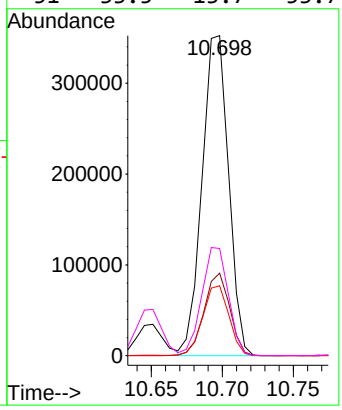


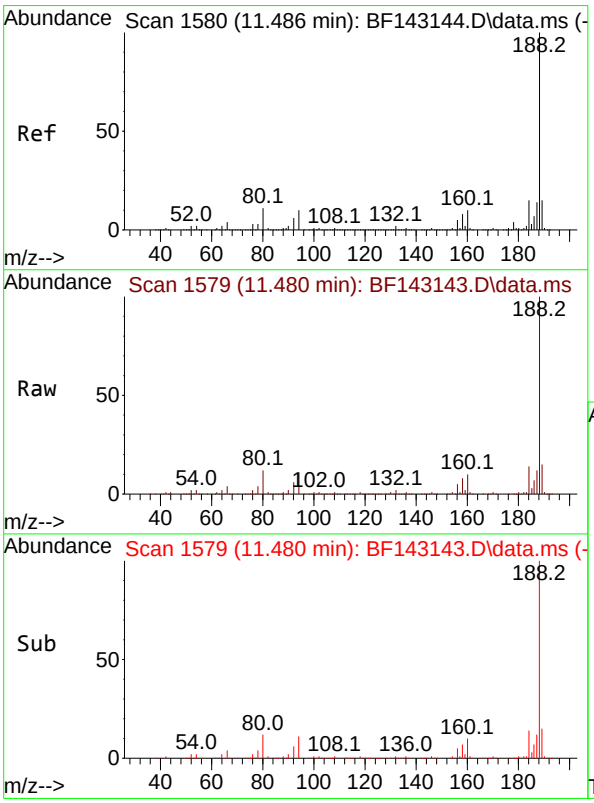
#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 458013

Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.6	44.6
105	21.8	1.4	41.4
51	33.5	13.7	53.7

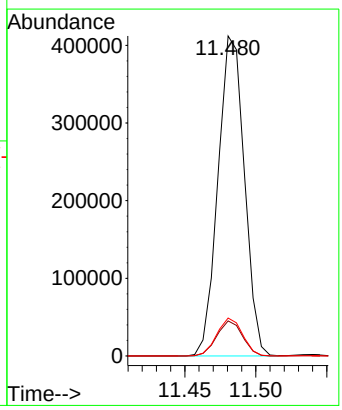


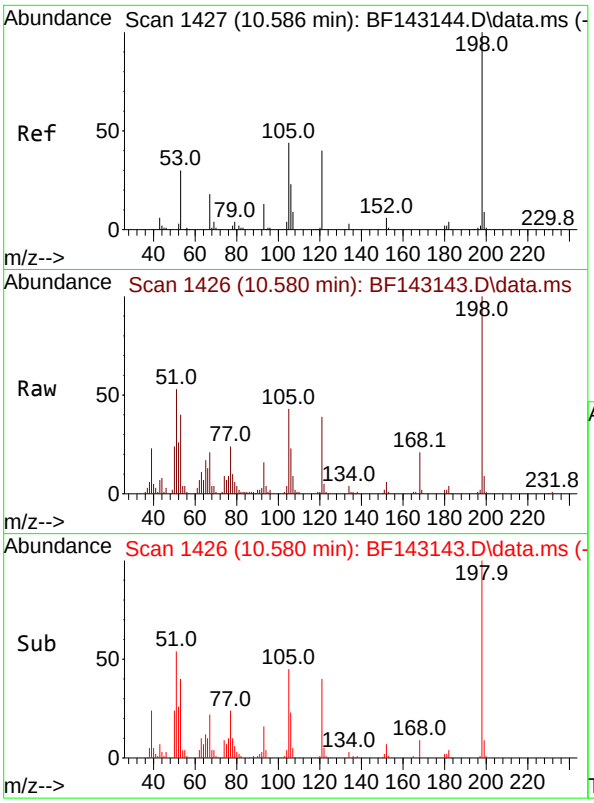


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:188 Resp: 532921

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.3	12.5
80	11.9	9.0	13.6



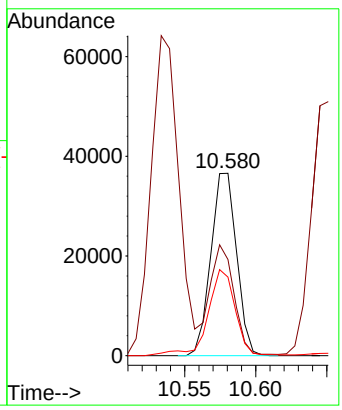


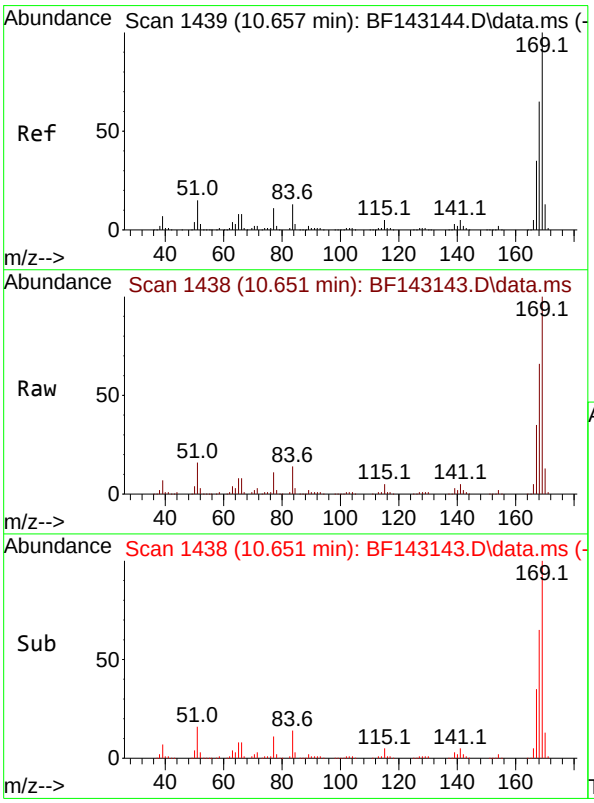
#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 46122

Ion	Ratio	Lower	Upper
198	100		
51	52.7	37.2	77.2
105	43.1	24.8	64.8

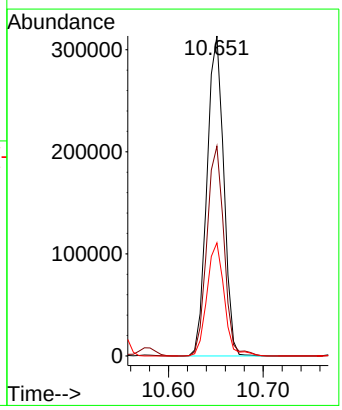


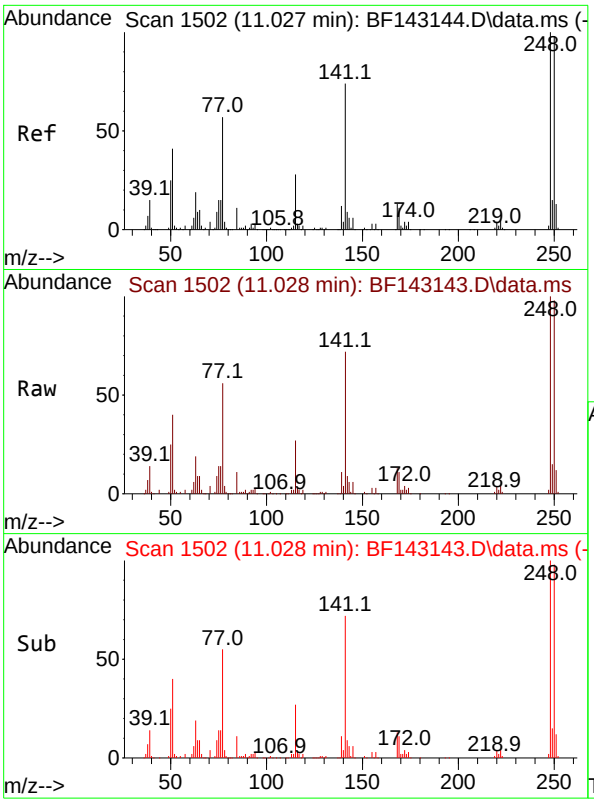


#66
n-Nitrosodiphenylamine
Concen: 20.488 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:169 Resp: 384467

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.4	28.2	42.2



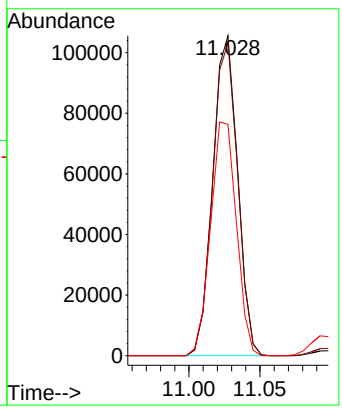


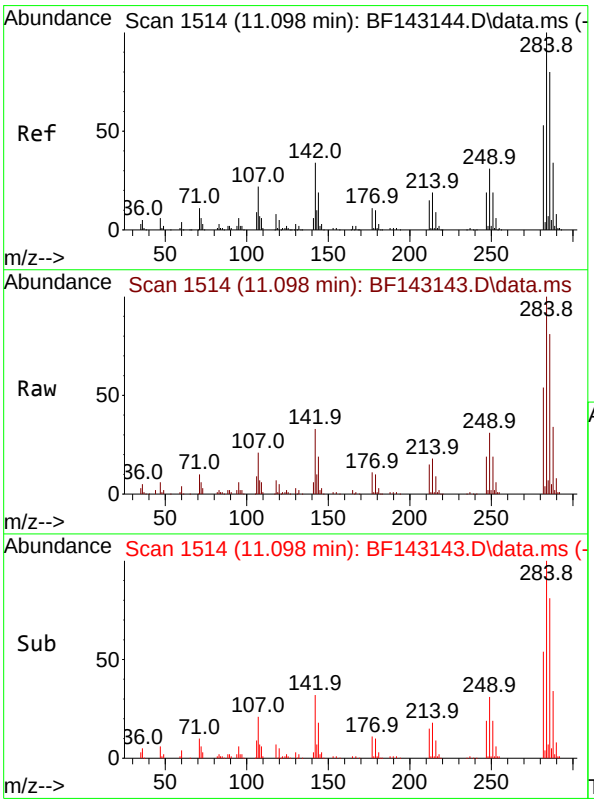
#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 128663

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	72.3	59.2	88.8

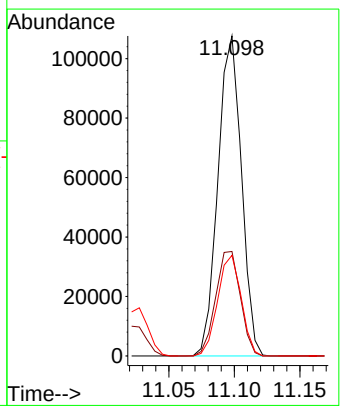


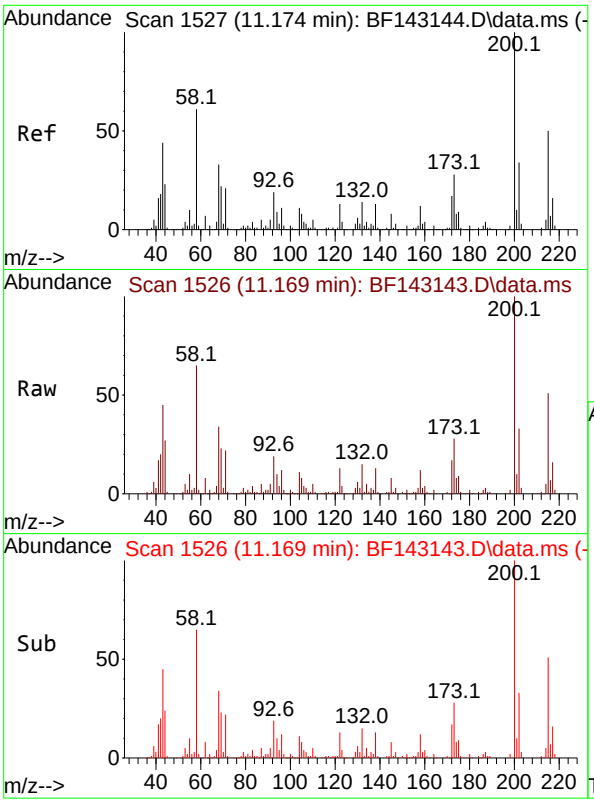


#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:284 Resp: 134031

Ion	Ratio	Lower	Upper
284	100		
142	32.7	27.0	40.6
249	31.5	25.0	37.6



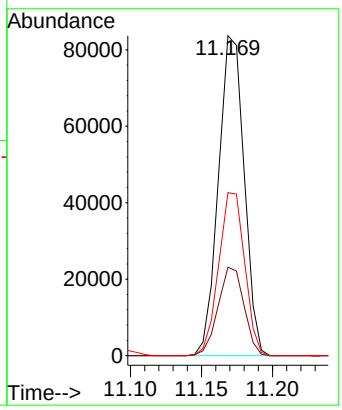


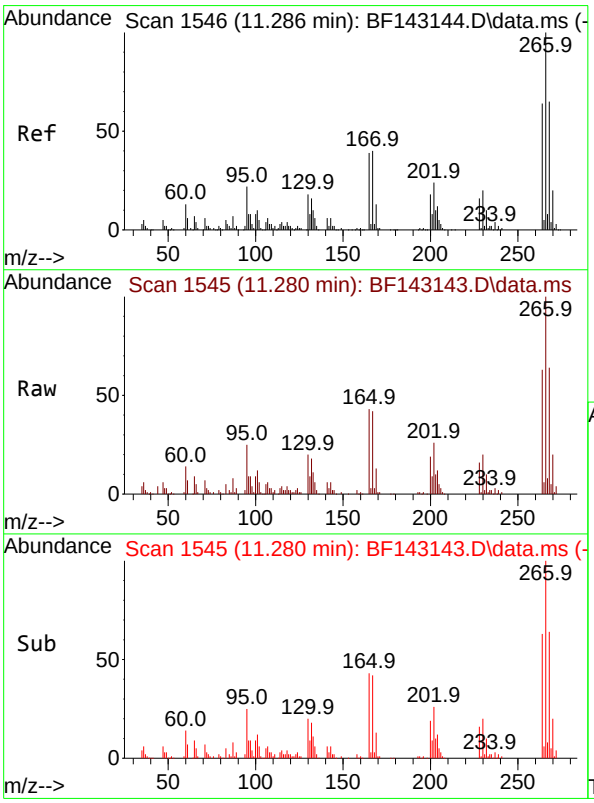
#69
Atrazine
Concen: 20.370 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 105386

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.9	47.9
215	51.0	30.1	70.1

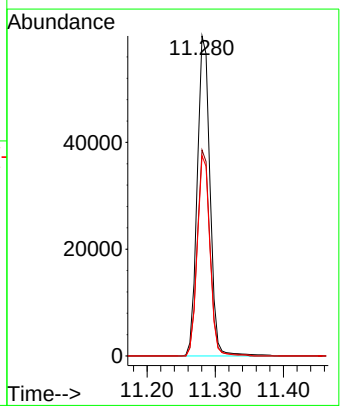


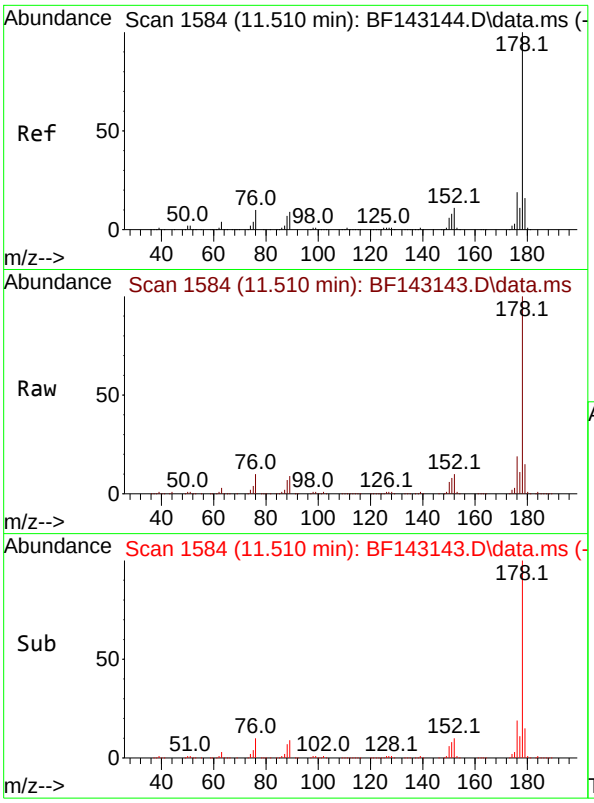


#70
Pentachlorophenol
Concen: 19.957 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:266 Resp: 77906

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.9	77.9
264	62.6	51.0	76.6



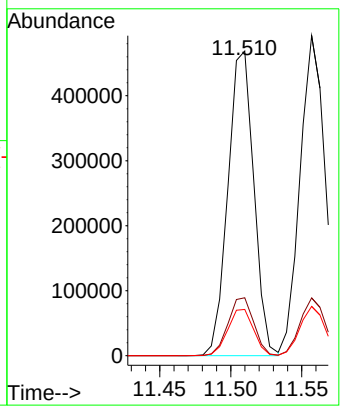


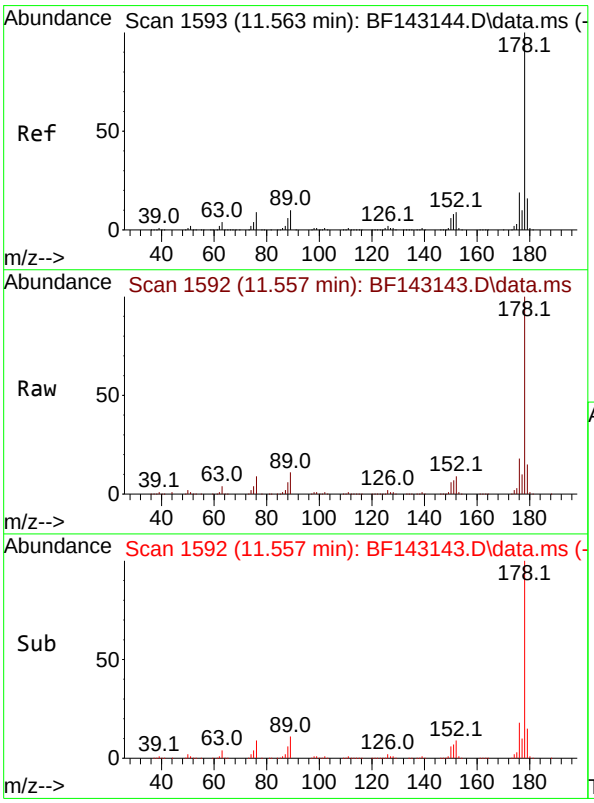
#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 595411

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.5	18.7

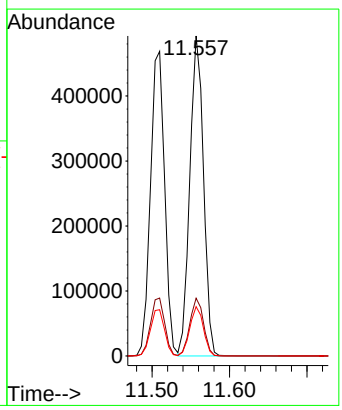


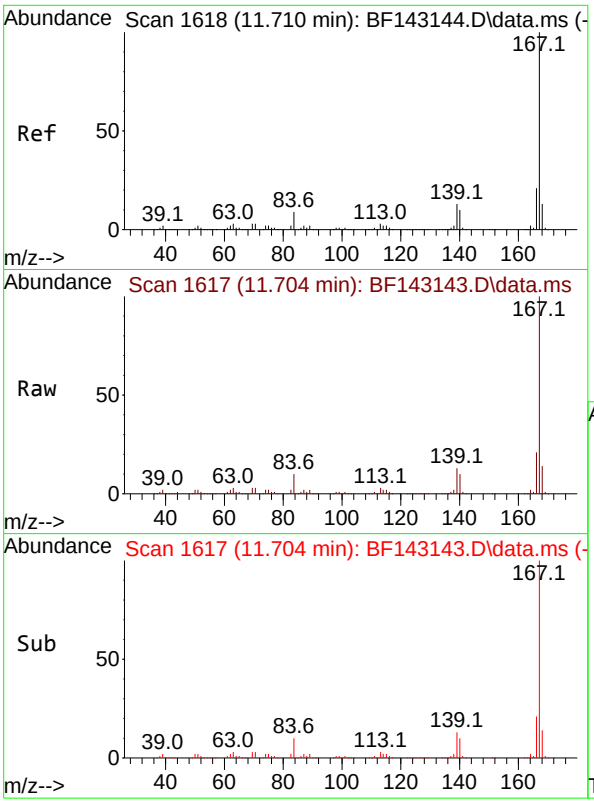


#72
Anthracene
Concen: 20.944 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 604416

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.4	12.5	18.7



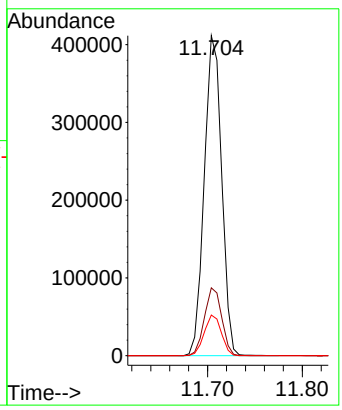


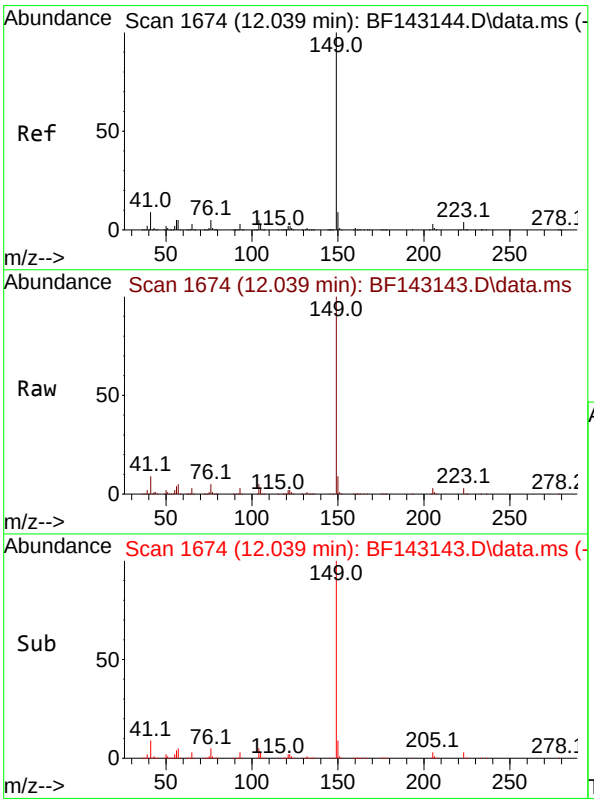
#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 523365

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.7	10.0	15.0

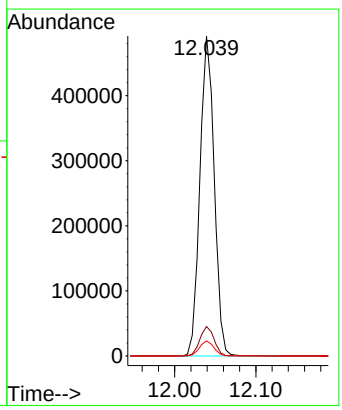


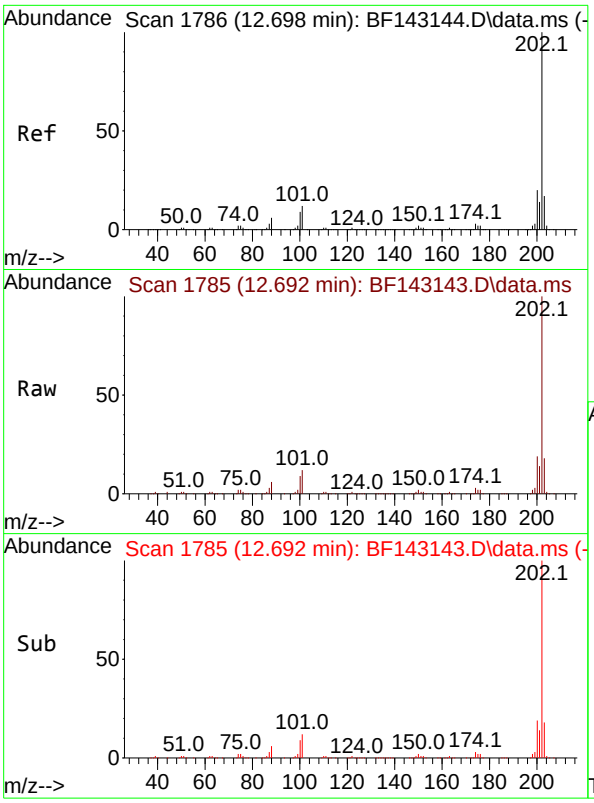


#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 601867

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8



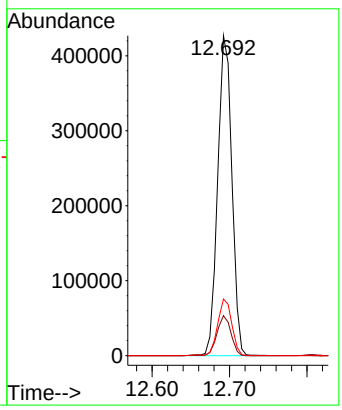


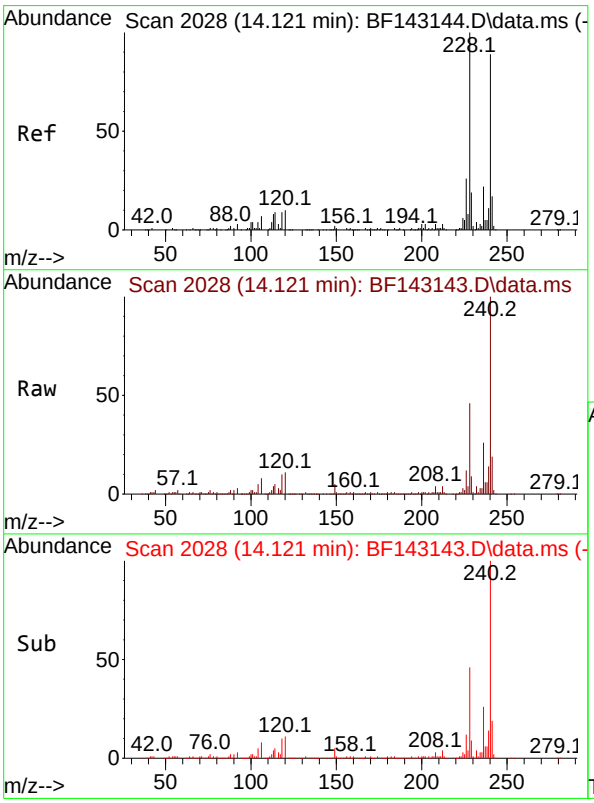
#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 542662

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.7
203	17.7	0.0	37.4

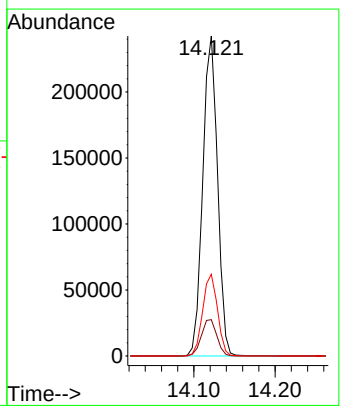


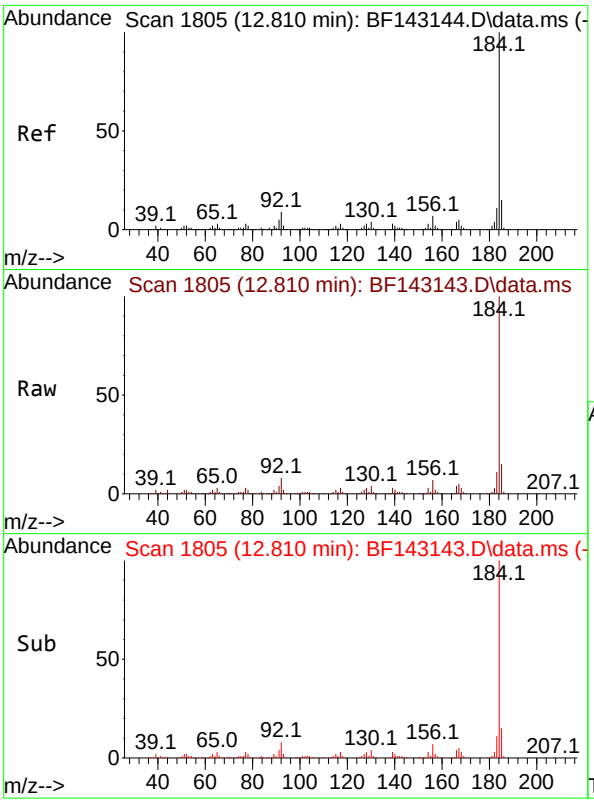


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:240 Resp: 305398

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	25.5	20.2	30.4



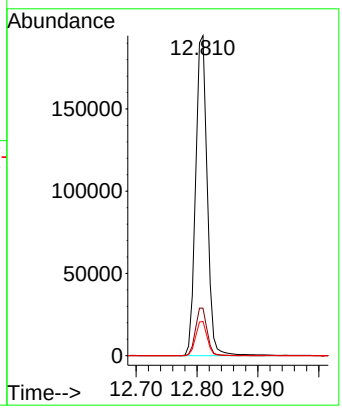


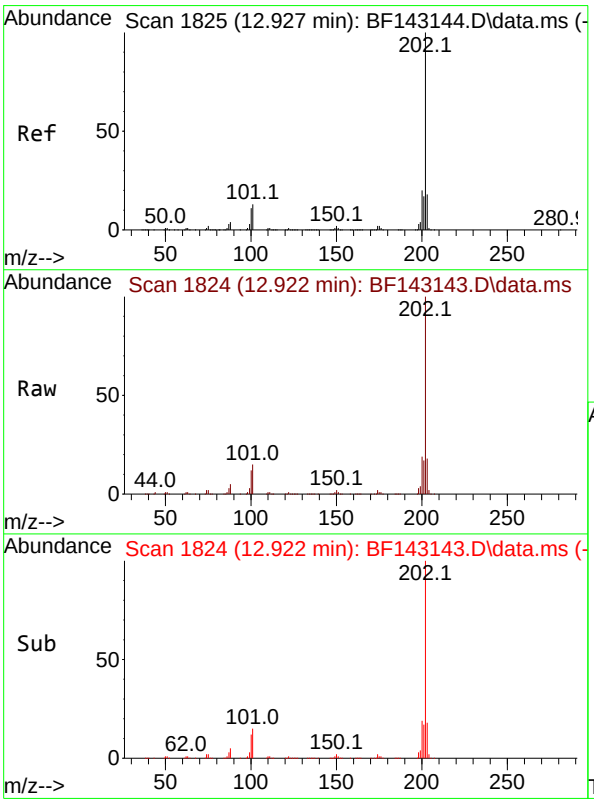
#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 257904

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.4
183	10.7	9.0	13.4

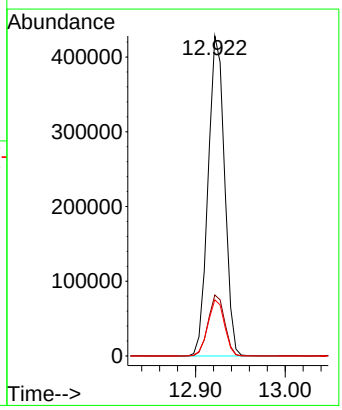


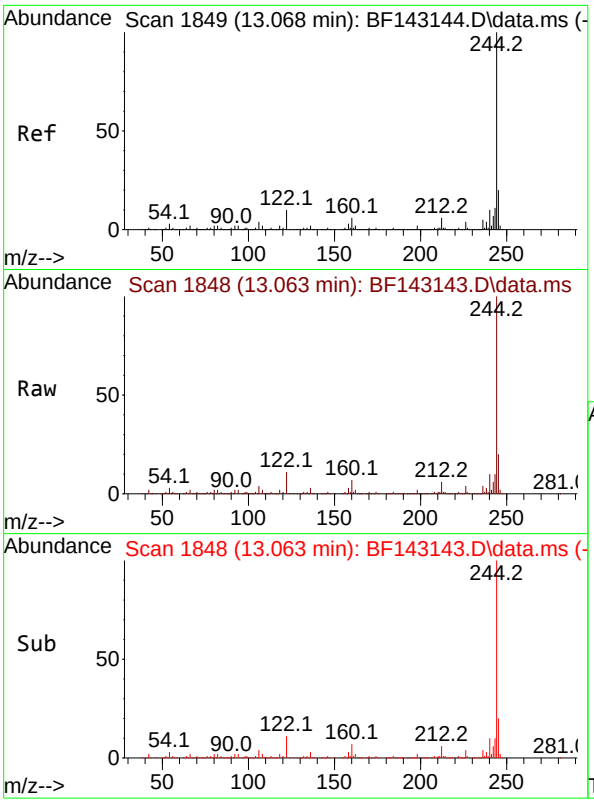


#78
Pyrene
Concen: 20.897 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 544650

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.7	23.5
203	17.6	14.2	21.2



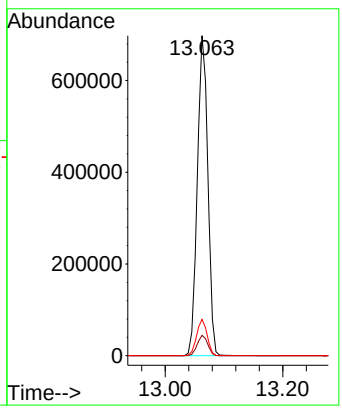


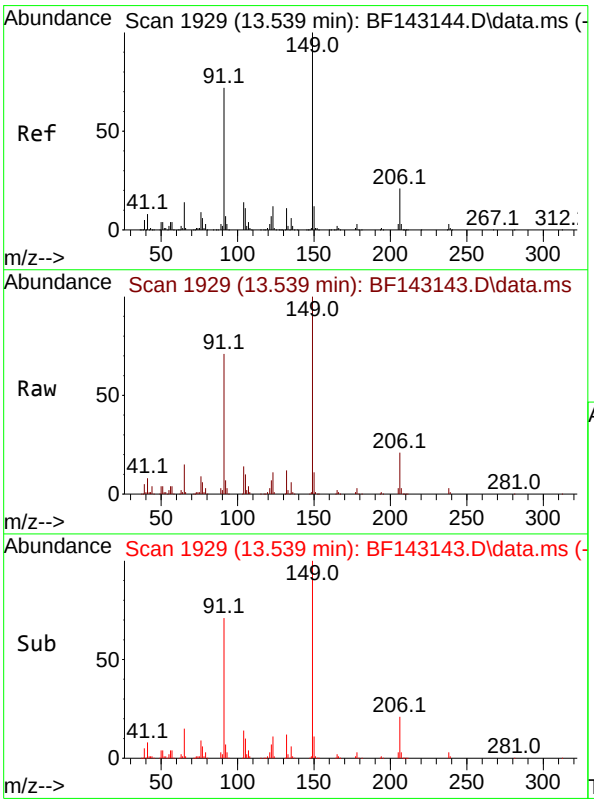
#79
Terphenyl-d14
Concen: 42.238 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 866830

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.3	8.2	12.2

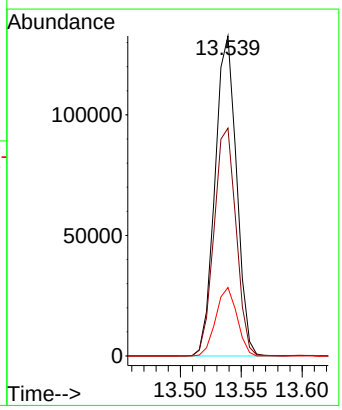


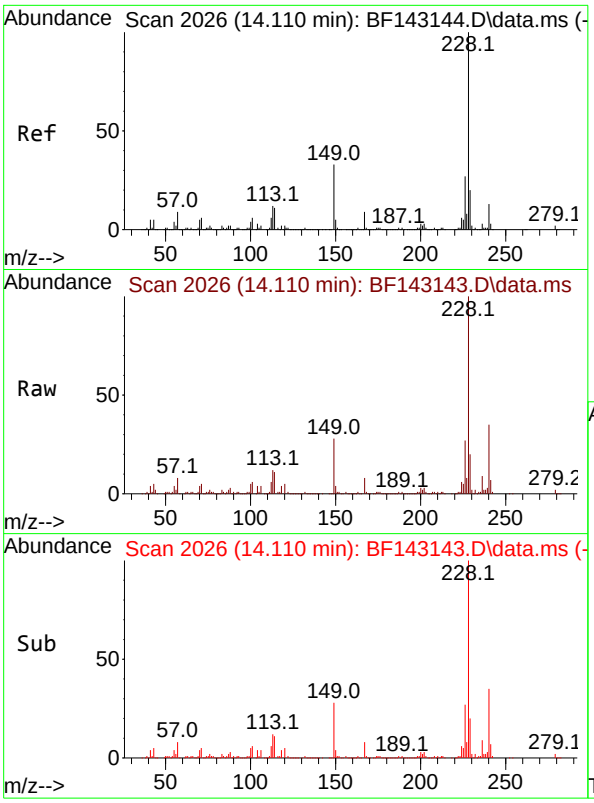


#80
Butylbenzylphthalate
Concen: 20.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 163546

Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.9	86.9
206	21.4	17.0	25.4



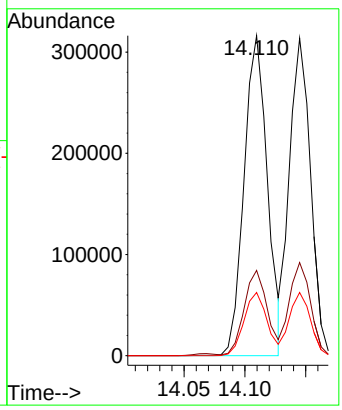


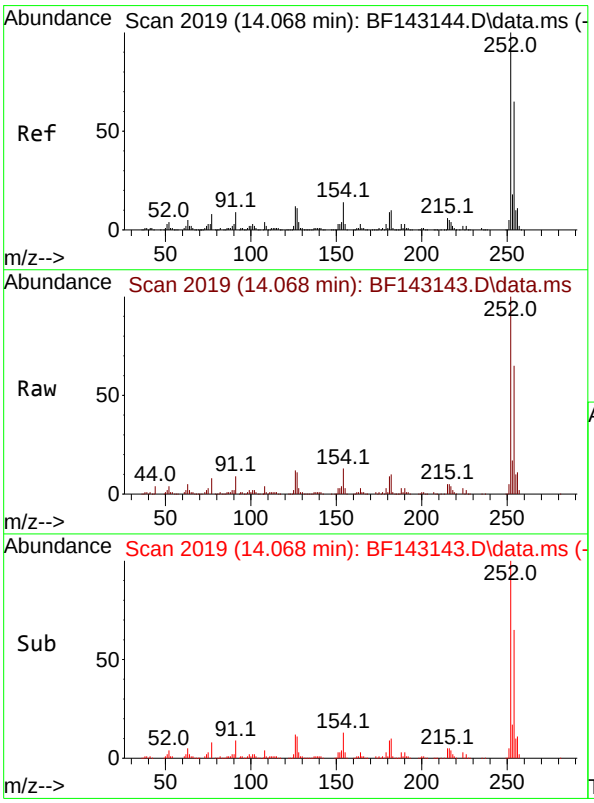
#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 421791

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.8	23.6

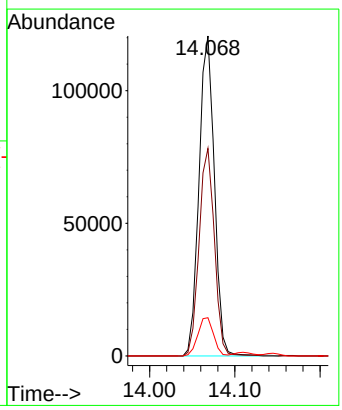


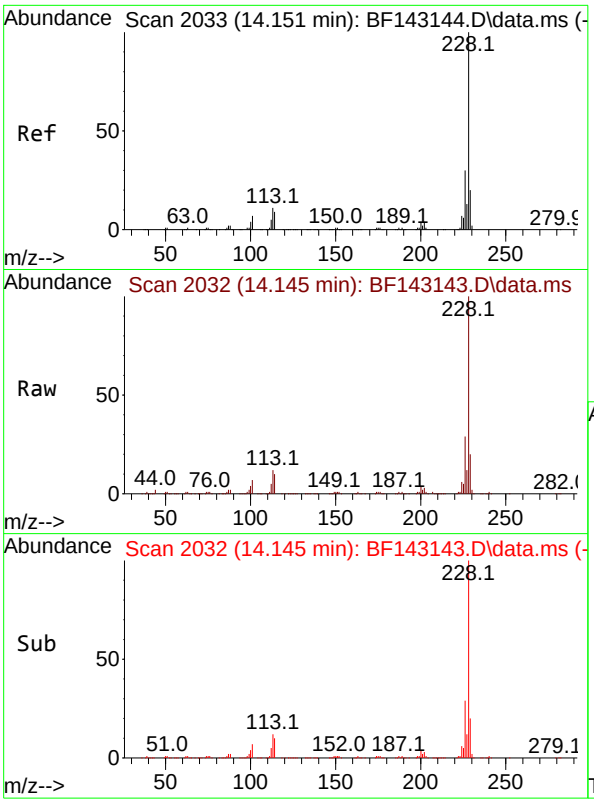


#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 151153

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.7	77.5
126	12.0	9.4	14.0



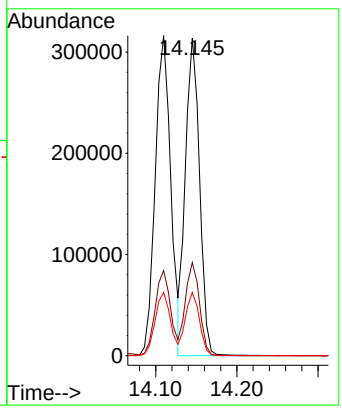


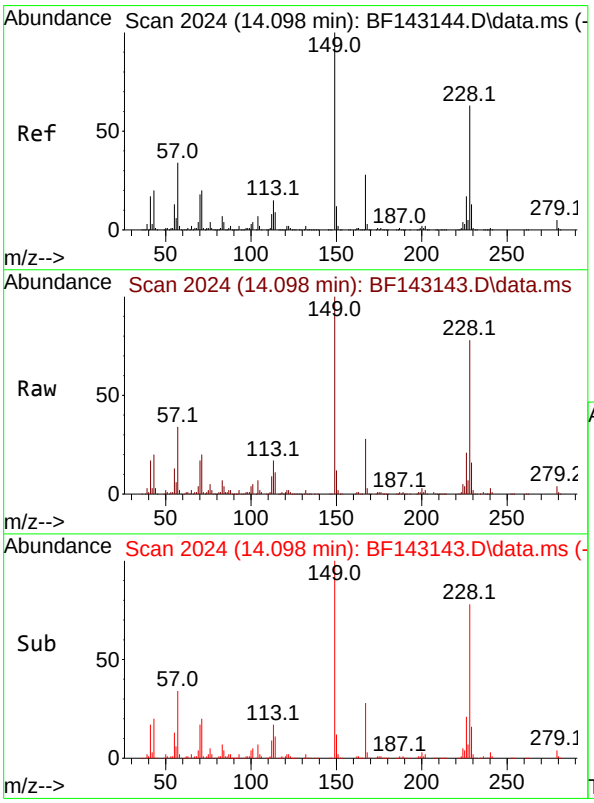
#83
Chrysene
Concen: 20.714 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 380799

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	19.9	15.6	23.4

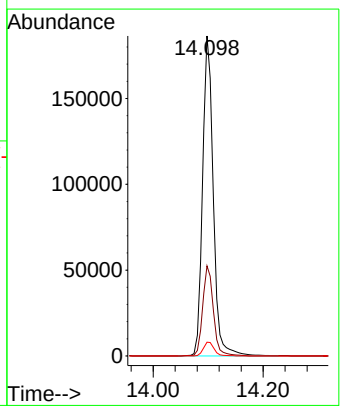


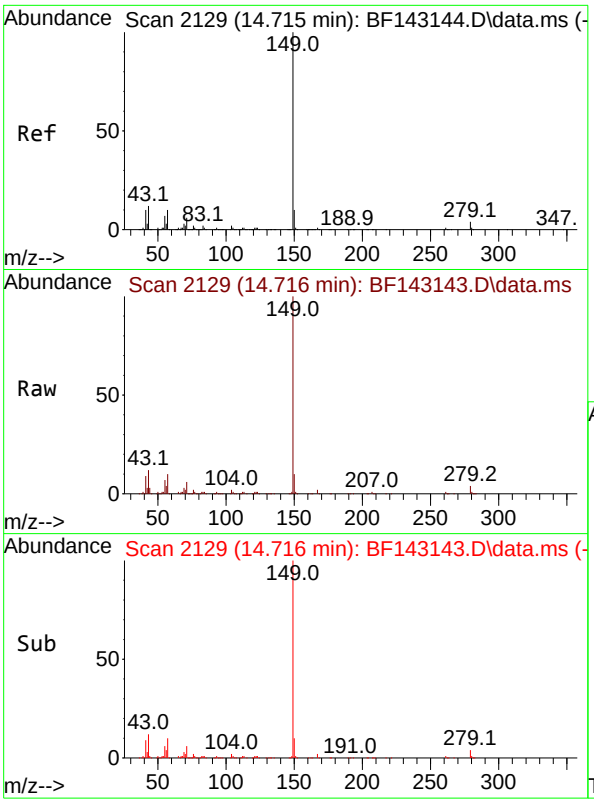


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.839 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 251739

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.3	3.6	5.4



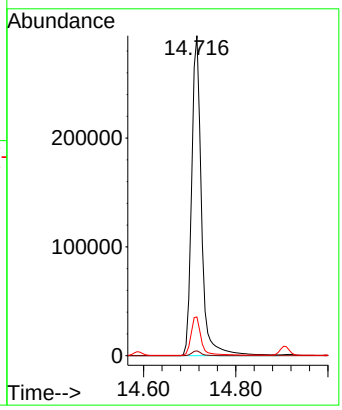


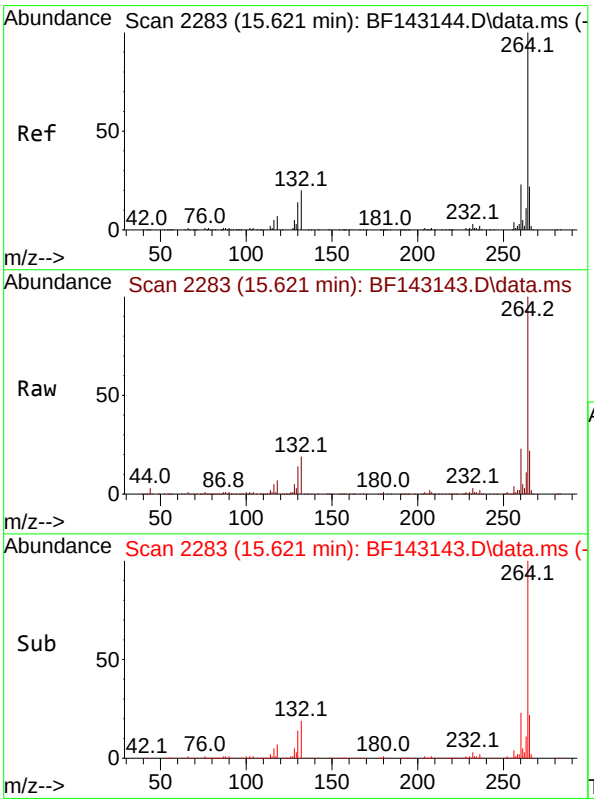
#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 436102

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.4	9.7	14.5

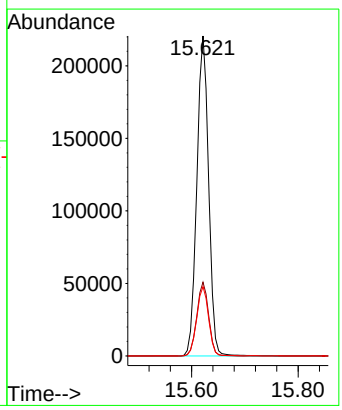


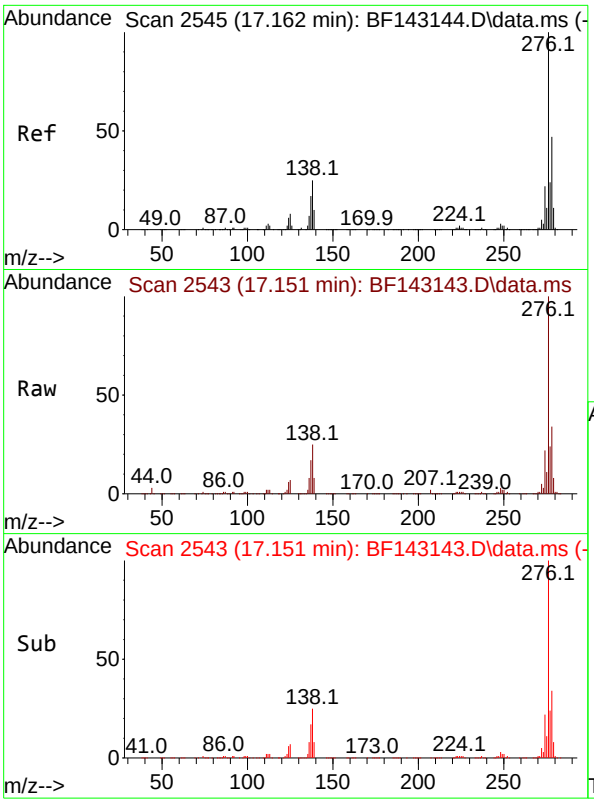


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:264 Resp: 338518

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.7	17.4	26.2



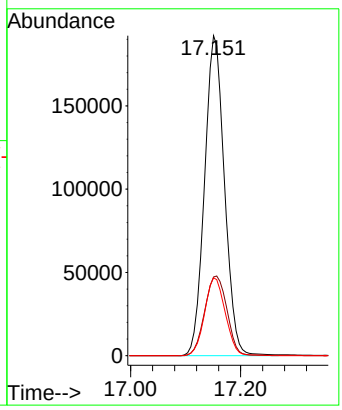


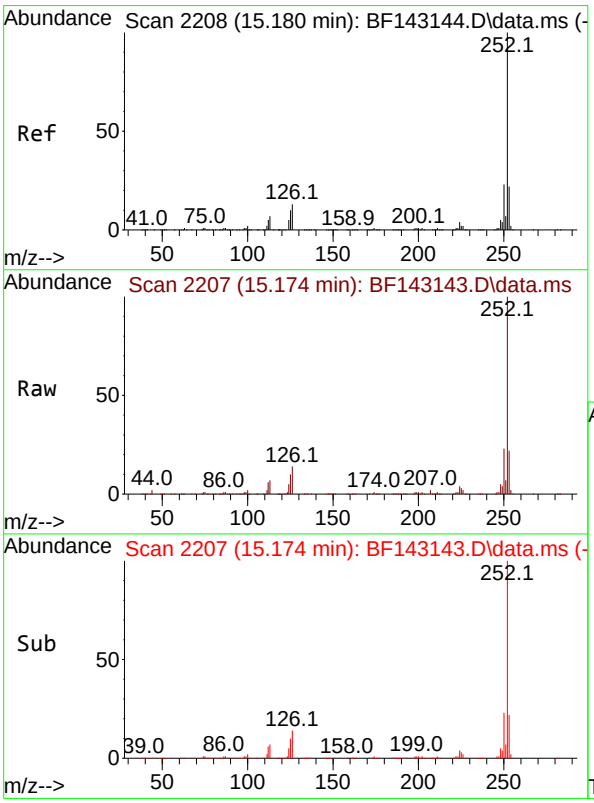
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 484240

Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.6
277	25.3	20.0	30.0

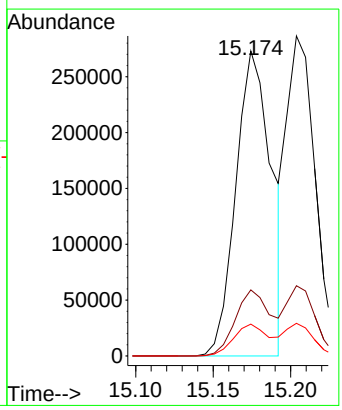


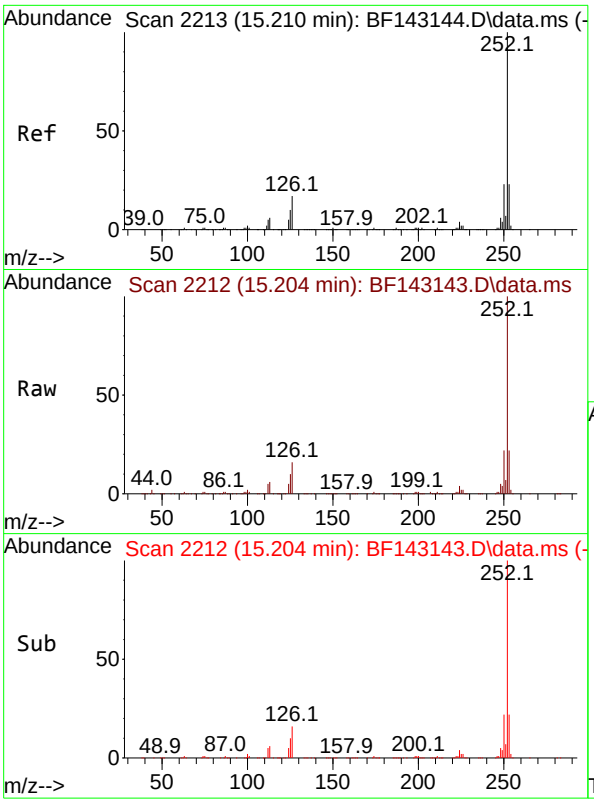


#88
Benzo(b)fluoranthene
Concen: 21.071 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 435747

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.4	8.0	12.0



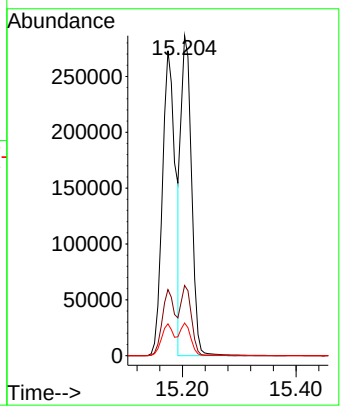


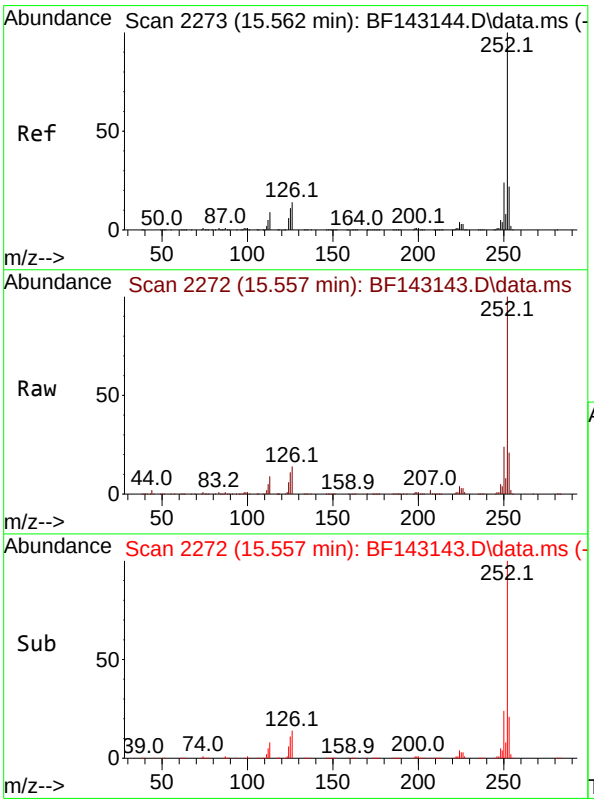
#89
Benzo(k)fluoranthene
Concen: 20.044 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 369899

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	8.1	12.1

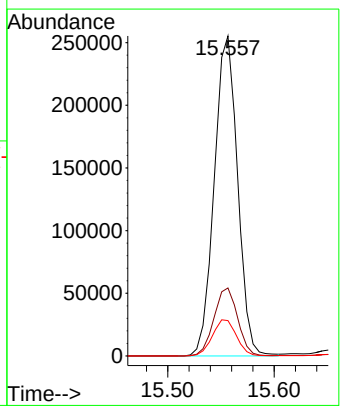


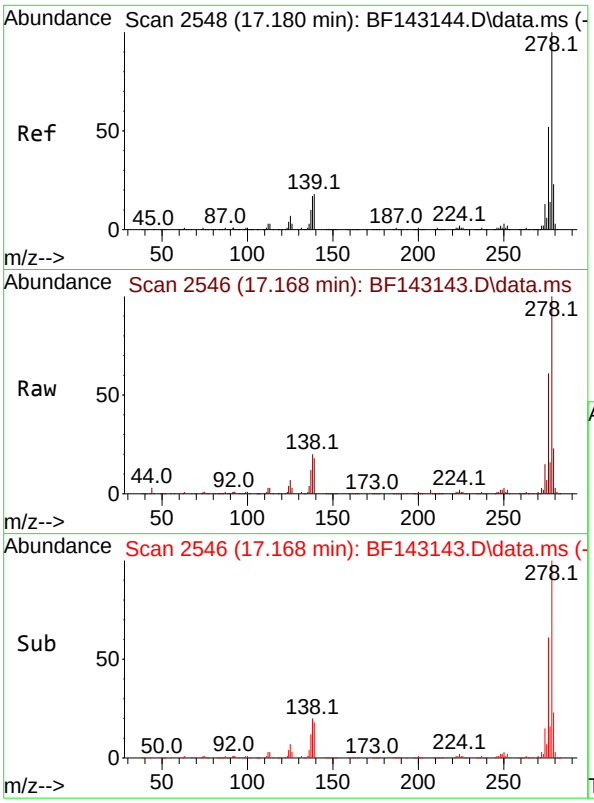


#90
Benzo(a)pyrene
Concen: 20.371 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 388136

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	11.0	8.6	13.0



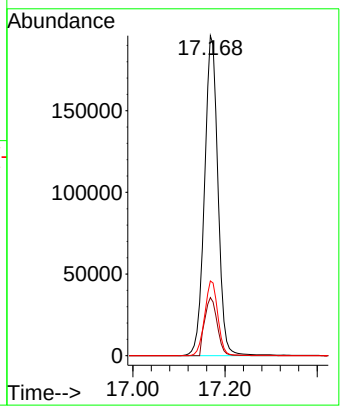


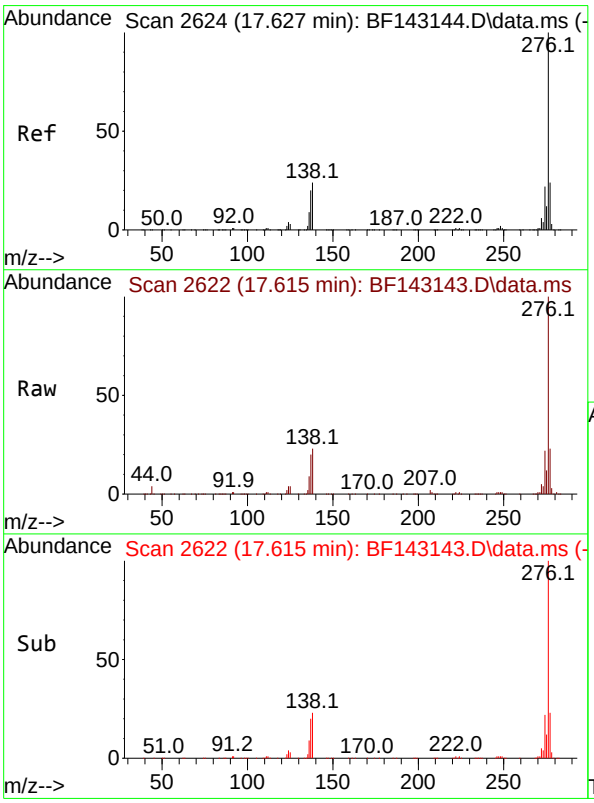
#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 398949

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.1	21.1
279	23.4	18.6	28.0

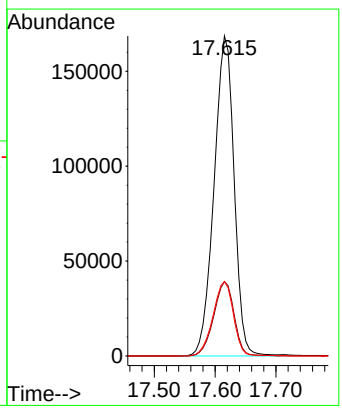




#92
Benzo(g,h,i)perylene
Concen: 20.534 ng
RT: 17.615 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 385915

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	23.3	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	167098	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	641413	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	331881	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	542726	20.000	ng	0.00
76) Chrysene-d12	14.121	240	296414	20.000	ng	0.00
86) Perylene-d12	15.621	264	323574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	823062	77.946	ng	0.00
7) Phenol-d6	6.587	99	1038821	78.160	ng	0.00
23) Nitrobenzene-d5	7.522	82	1023138	79.512	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	279373	81.485	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1802398	74.274	ng	0.00
79) Terphenyl-d14	13.068	244	1554923	78.063	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	200396	40.108	ng	100
3) Pyridine	3.587	79	511417	39.435	ng	100
4) n-Nitrosodimethylamine	3.534	42	270676	40.426	ng	100
6) Aniline	6.622	93	736668	39.770	ng	100
8) 2-Chlorophenol	6.745	128	437914	39.565	ng	100
9) Benzaldehyde	6.516	77	482238	48.387	ng	100
10) Phenol	6.598	94	597136	41.241	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	435450	39.279	ng	100
12) 1,3-Dichlorobenzene	6.904	146	468194	38.939	ng	100
13) 1,4-Dichlorobenzene	6.981	146	474015	39.147	ng	100
14) 1,2-Dichlorobenzene	7.134	146	448808	38.970	ng	100
15) Benzyl Alcohol	7.098	79	406107	40.017	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	808980	39.337	ng	100
17) 2-Methylphenol	7.204	107	366495	39.381	ng	100
18) Hexachloroethane	7.481	117	165263	39.425	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	329619	38.656	ng	100
20) 3+4-Methylphenols	7.357	107	448100	39.685	ng	100
22) Acetophenone	7.369	105	583796	38.444	ng	100
24) Nitrobenzene	7.545	77	481500	40.136	ng	100
25) Isophorone	7.781	82	888017	39.093	ng	100
26) 2-Nitrophenol	7.857	139	220354	42.323	ng	100
27) 2,4-Dimethylphenol	7.886	122	416128	39.210	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	529258	38.860	ng	100
29) 2,4-Dichlorophenol	8.098	162	353866	39.537	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	376590	38.947	ng	100
31) Naphthalene	8.269	128	1224033	38.749	ng	100
32) Benzoic acid	7.992	122	221775	38.306	ng	100
33) 4-Chloroaniline	8.310	127	500402	38.796	ng	100
34) Hexachlorobutadiene	8.386	225	231609	39.211	ng	100
35) Caprolactam	8.681	113	111733	41.312	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	385507	39.628	ng	100
37) 2-Methylnaphthalene	8.957	142	744295	38.720	ng	100
38) 1-Methylnaphthalene	9.057	142	768508	38.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	365234	38.118	ng	100
41) Hexachlorocyclopentadiene	9.116	237	247480	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	255115	38.471	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	268615	40.494	ng	100
46) 1,1'-Biphenyl	9.422	154	988537	38.177	ng	100
47) 2-Chloronaphthalene	9.445	162	731879	38.200	ng	100
48) 2-Nitroaniline	9.533	65	249908	41.594	ng	100
49) Acenaphthylene	9.863	152	1234789	38.458	ng	100
50) Dimethylphthalate	9.716	163	848828	39.238	ng	100
51) 2,6-Dinitrotoluene	9.775	165	184242	41.866	ng	100
52) Acenaphthene	10.033	154	727386	38.330	ng	100
53) 3-Nitroaniline	9.945	138	210179	40.832	ng	100
54) 2,4-Dinitrophenol	10.045	184	69157	38.449	ng	100
55) Dibenzofuran	10.204	168	1083678	38.462	ng	100
56) 4-Nitrophenol	10.086	139	163009	42.408	ng	100
57) 2,4-Dinitrotoluene	10.175	165	235101	42.581	ng	100
58) Fluorene	10.551	166	804336	38.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	220872	40.196	ng	100
60) Diethylphthalate	10.416	149	842184	39.387	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	406477	38.604	ng	100
62) 4-Nitroaniline	10.557	138	185530	42.055	ng	100
63) Azobenzene	10.698	77	876387	39.326	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	105533	38.322	ng	100
66) n-Nitrosodiphenylamine	10.657	169	731532	38.278	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	247764	38.307	ng	100
68) Hexachlorobenzene	11.098	284	259758	38.424	ng	100
69) Atrazine	11.174	200	212970	40.421	ng	100
70) Pentachlorophenol	11.286	266	161013	40.500	ng	100
71) Phenanthrene	11.510	178	1107412	38.429	ng	100
72) Anthracene	11.563	178	1126710	38.336	ng	100
73) Carbazole	11.710	167	1008669	39.304	ng	100
74) Di-n-butylphthalate	12.039	149	1165443	40.135	ng	100
75) Fluoranthene	12.698	202	1034509	39.111	ng	100
77) Benzidine	12.810	184	564732	49.451	ng	100
78) Pyrene	12.927	202	1016822	40.195	ng	100
80) Butylbenzylphthalate	13.539	149	322273	41.603	ng	100
81) Benzo(a)anthracene	14.110	228	759726	38.283	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	254099	38.418	ng	100
83) Chrysene	14.151	228	715222	40.085	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	467892	39.906	ng	100
85) Di-n-octyl phthalate	14.715	149	820264	38.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	914626	40.086	ng	100
88) Benzo(b)fluoranthene	15.180	252	742346	37.554	ng	100
89) Benzo(k)fluoranthene	15.210	252	733635	41.591	ng	100
90) Benzo(a)pyrene	15.562	252	725344	39.826	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	742180	39.964	ng	100
92) Benzo(g,h,i)perylene	17.627	276	717648	39.949	ng	100

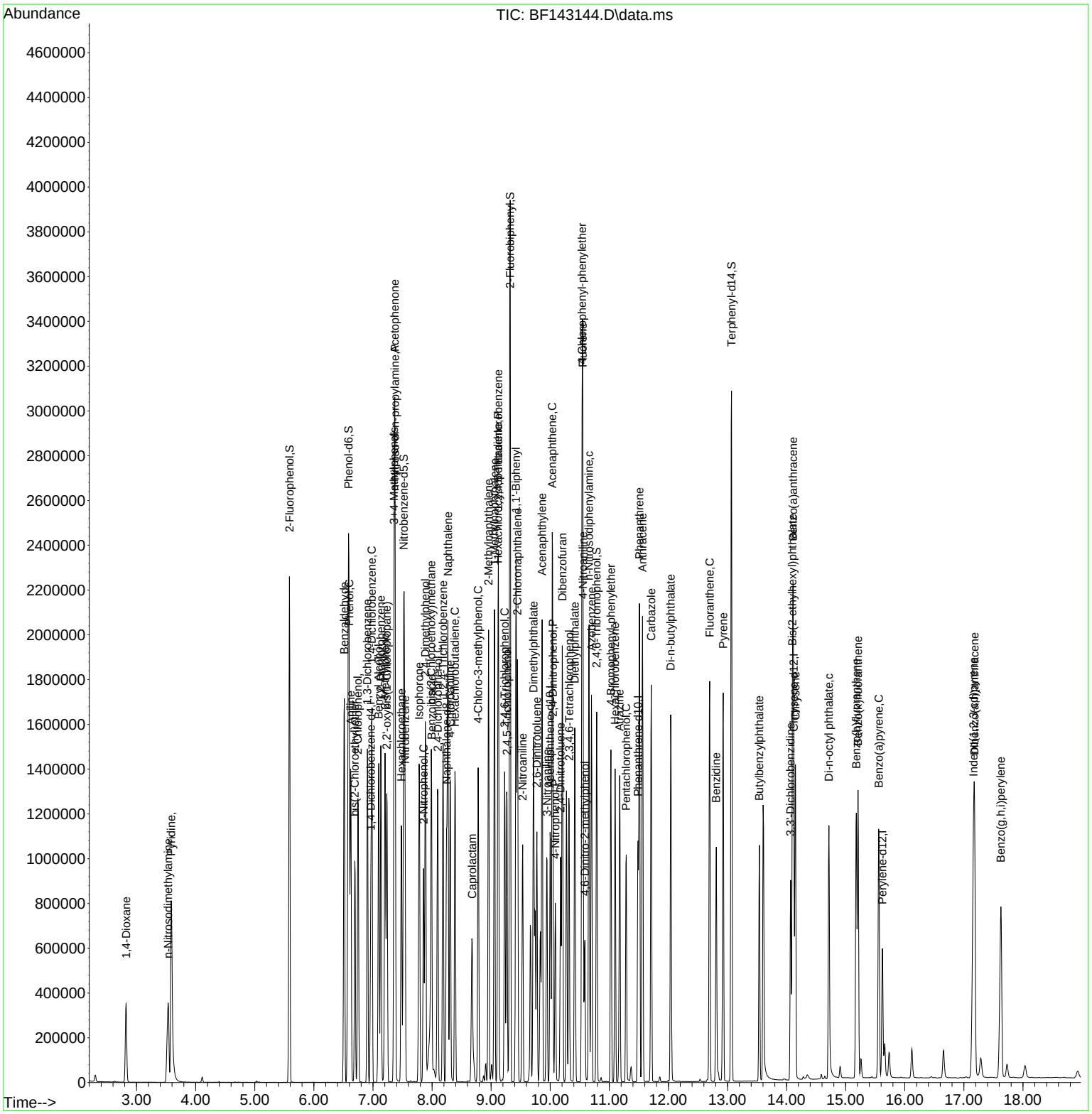
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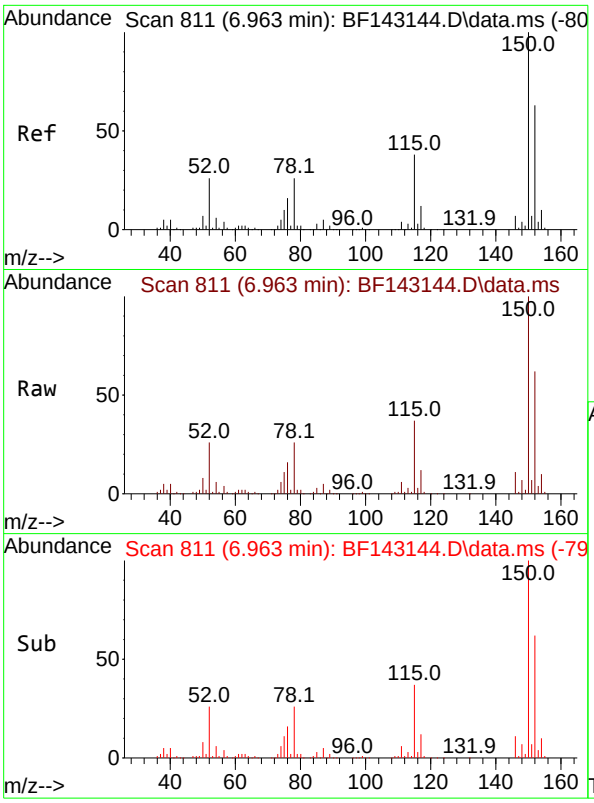
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



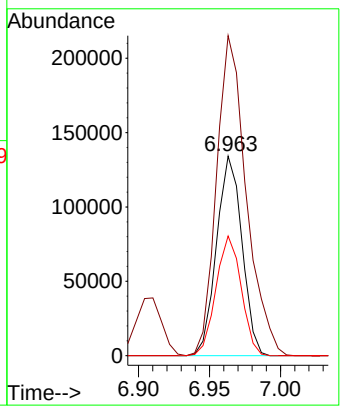


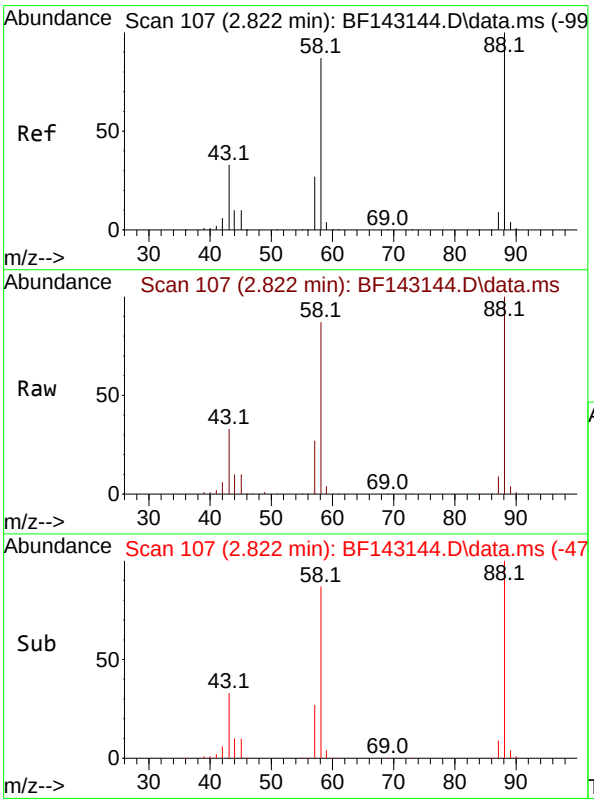
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 167098

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	59.9	47.9	71.9

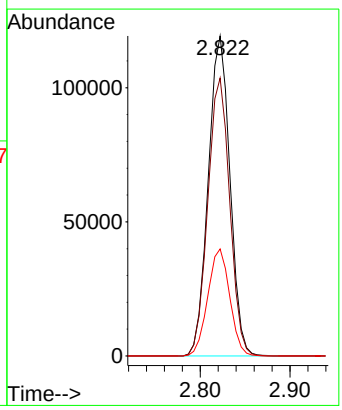


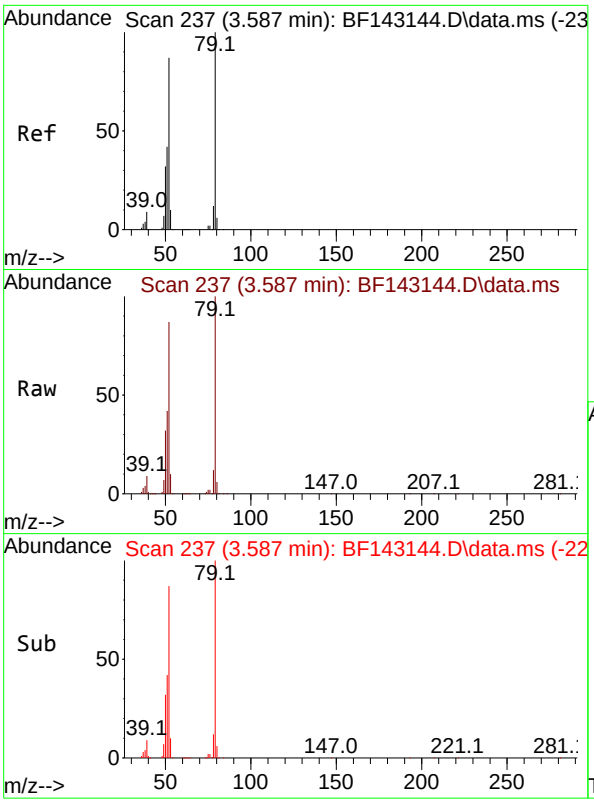


#2
1,4-Dioxane
Concen: 40.108 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 88 Resp: 200396

Ion	Ratio	Lower	Upper
88	100		
58	87.7	70.2	105.2
43	33.9	27.1	40.7



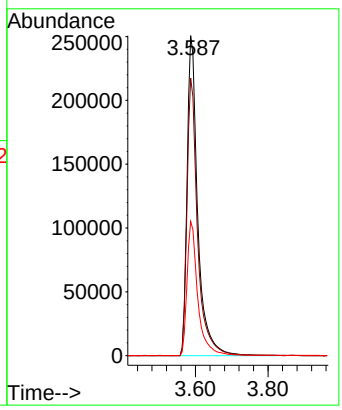


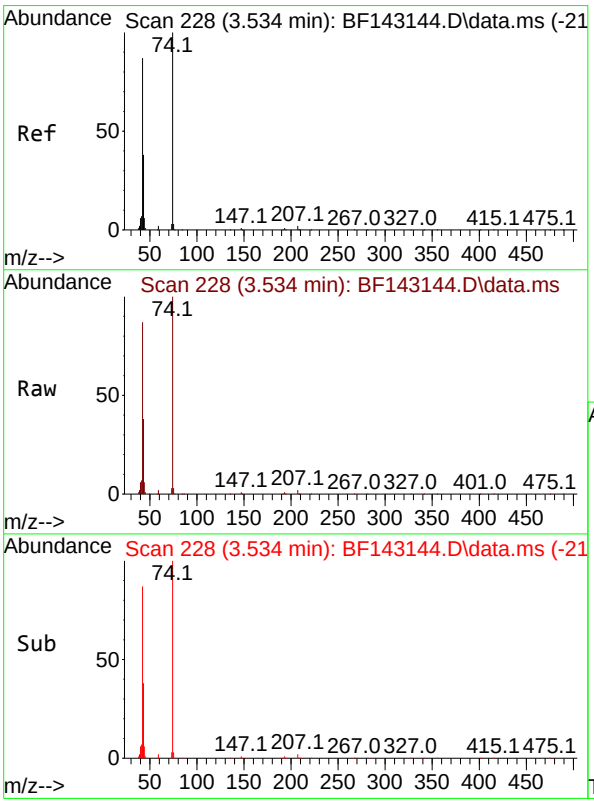
#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 511417

Ion	Ratio	Lower	Upper
79	100		
52	86.8	69.4	104.2
51	41.9	33.5	50.3

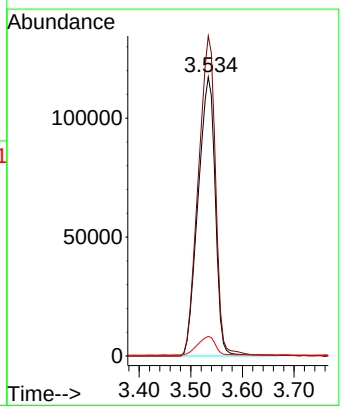


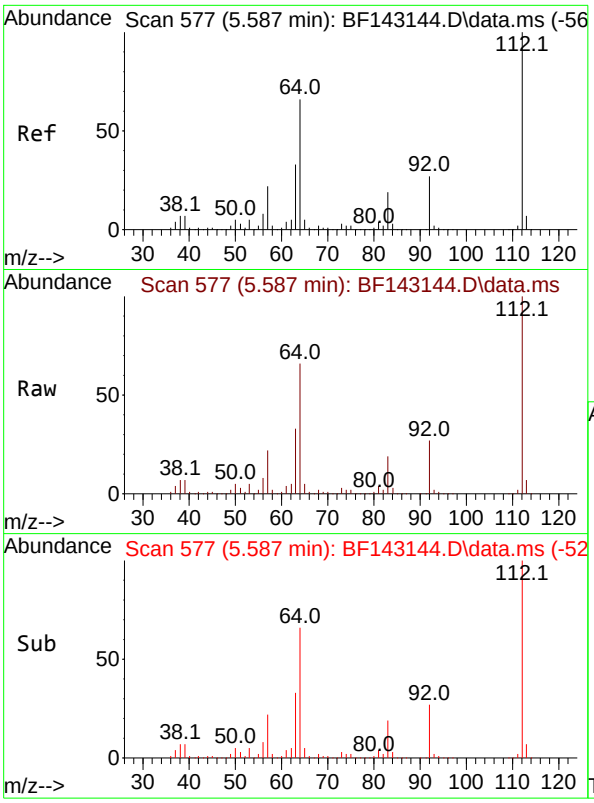


#4
n-Nitrosodimethylamine
Concen: 40.426 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 42 Resp: 270676

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	7.0	5.6	8.4



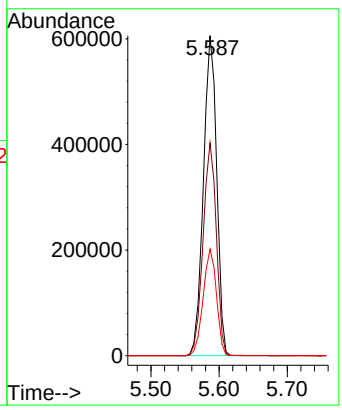


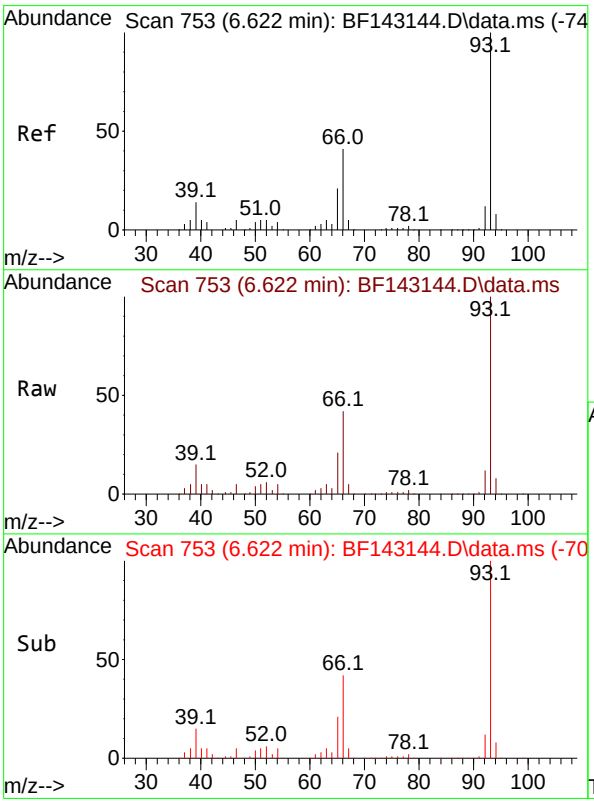
#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 823062

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.3	26.6	40.0

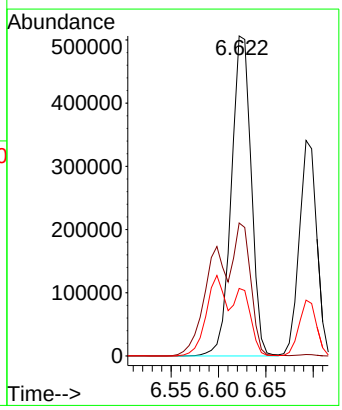


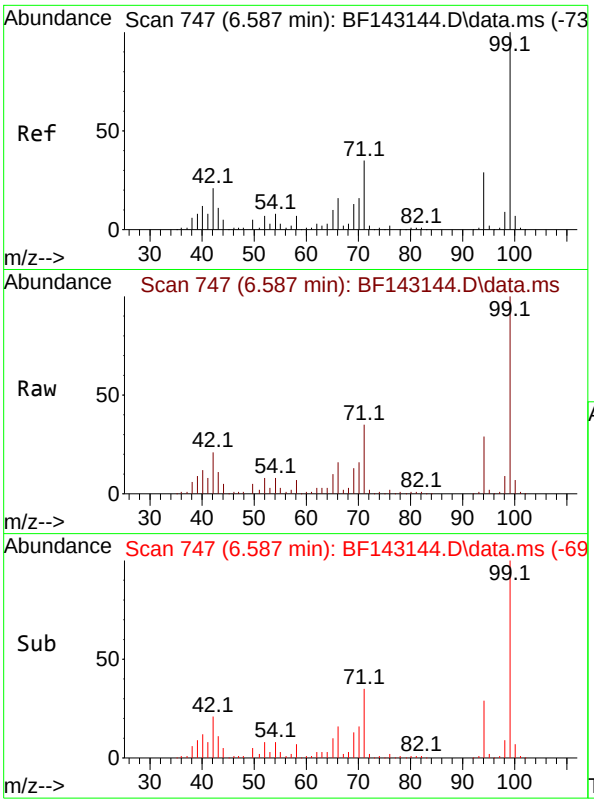


#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668

Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.2	49.8
65	21.1	16.9	25.3



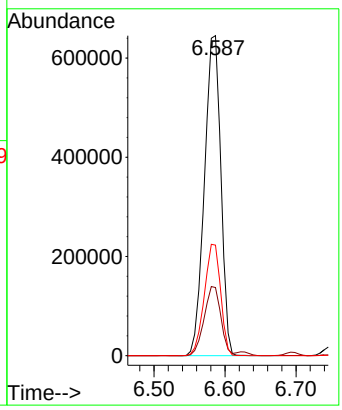


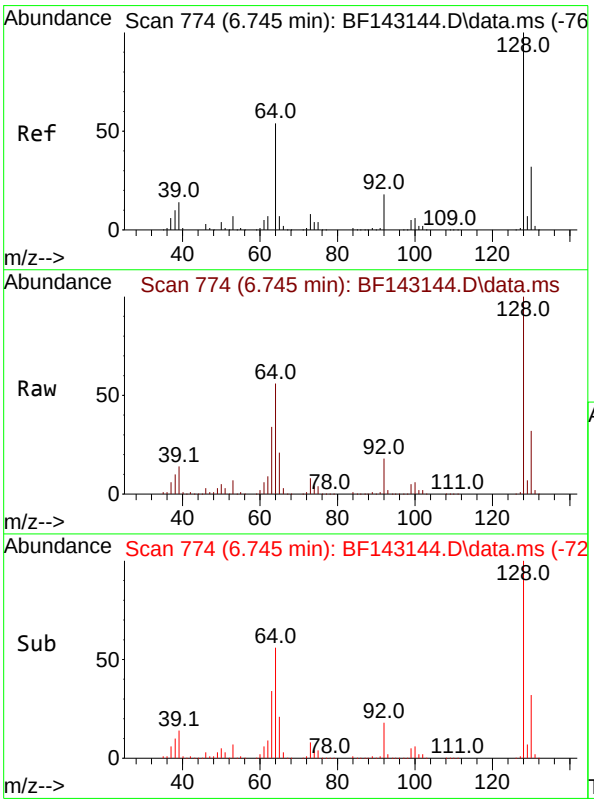
#7
Phenol-d6
Concen: 78.160 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1038821

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	34.6	27.7	41.5

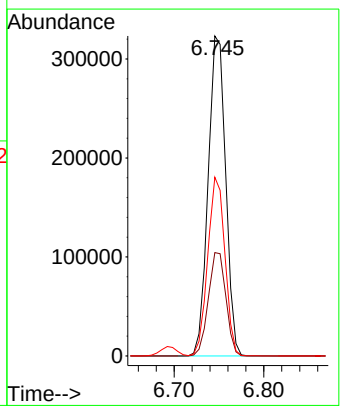


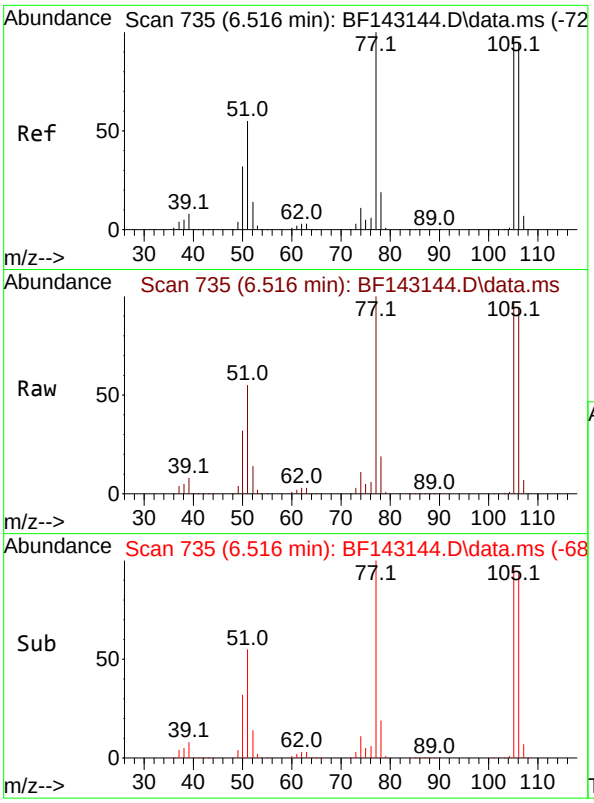


#8
2-Chlorophenol
Concen: 39.565 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 437914

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	55.9	35.9	75.9



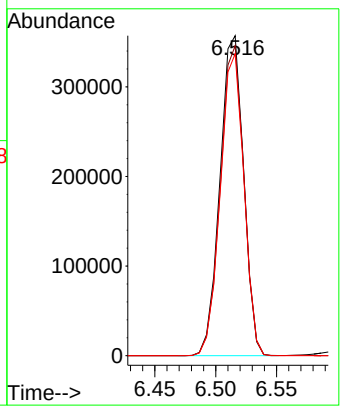


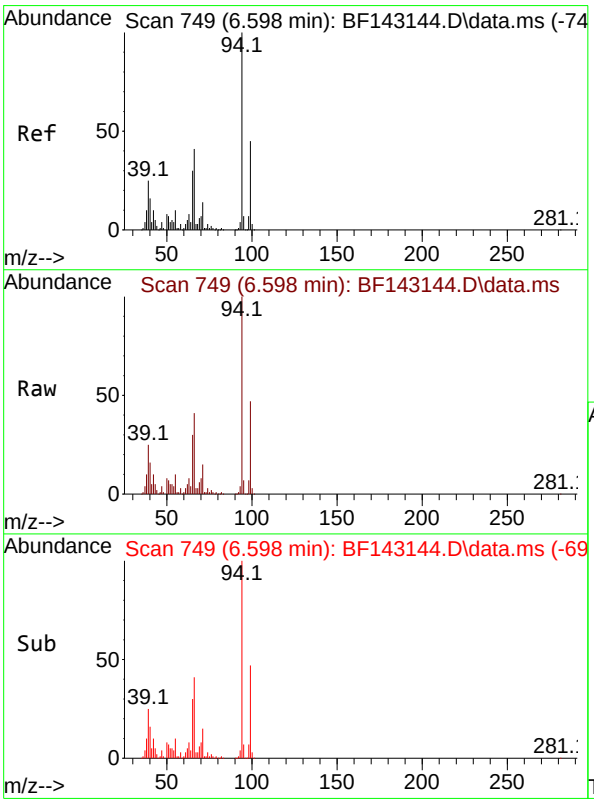
#9
Benzaldehyde
Concen: 48.387 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 482238

Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.8	116.8
106	94.4	74.4	114.4

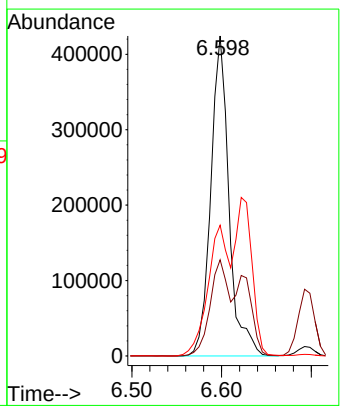


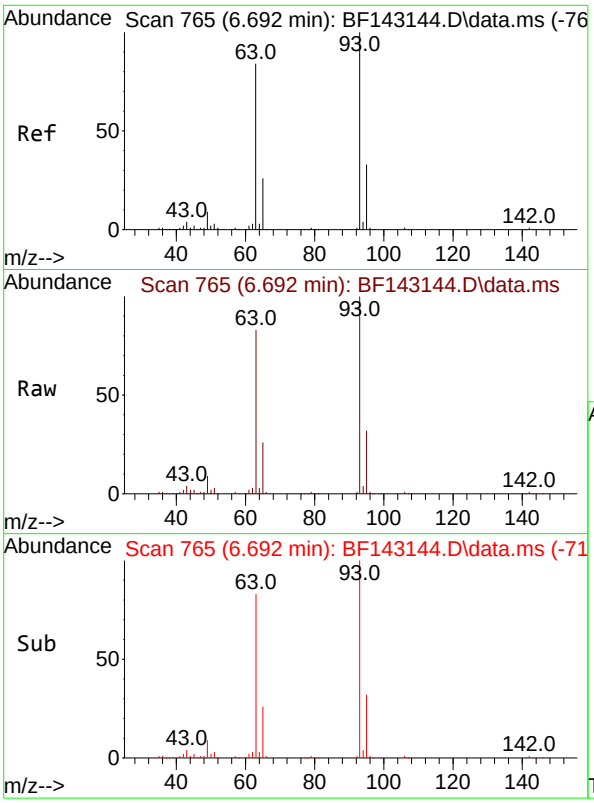


#10
Phenol
Concen: 41.241 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 94 Resp: 597136

Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.0	50.0
66	40.8	20.8	60.8



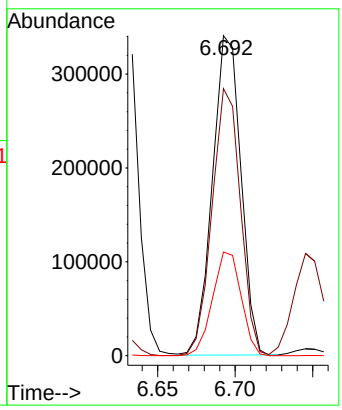


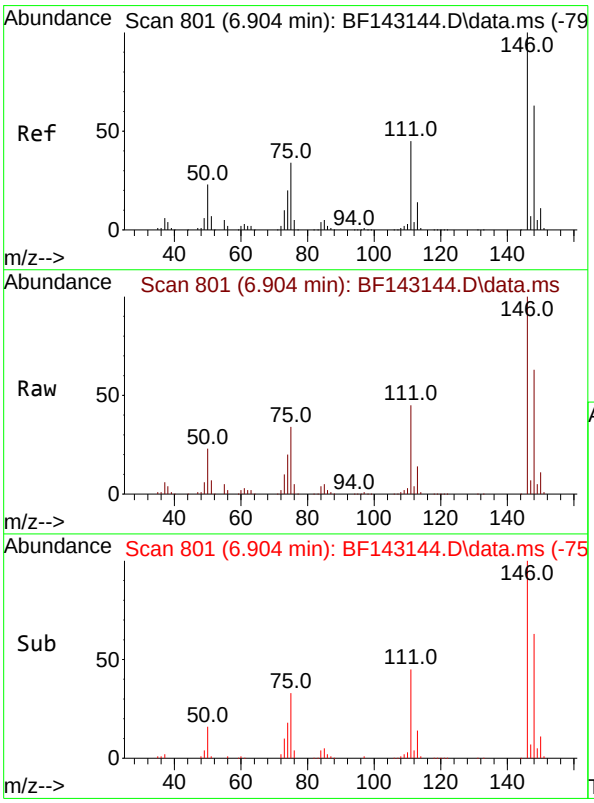
#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 435450

Ion	Ratio	Lower	Upper
93	100		
63	83.4	63.4	103.4
95	32.4	12.4	52.4

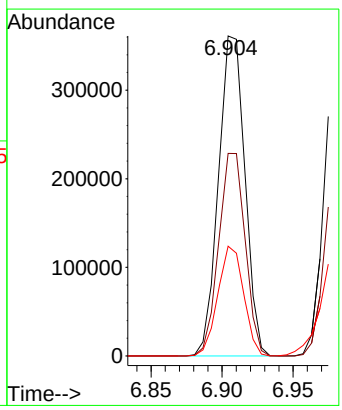


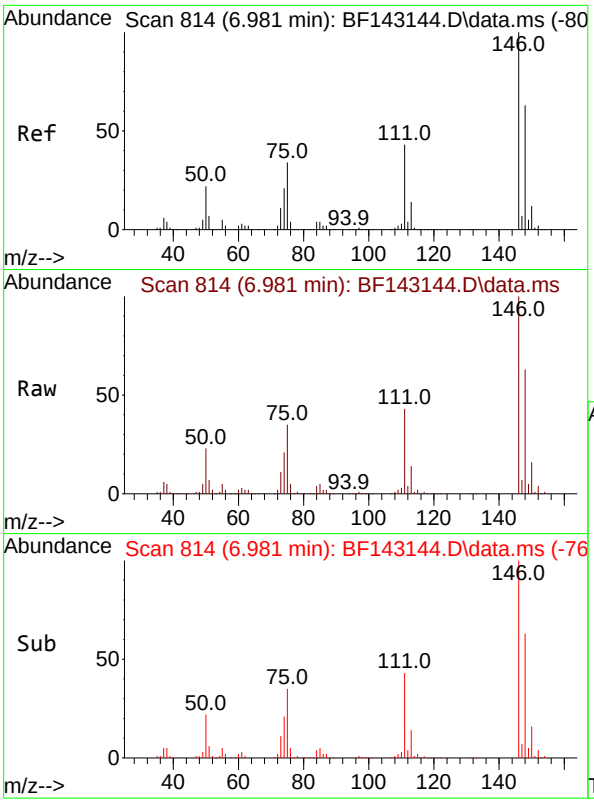


#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	34.3	27.4	41.2



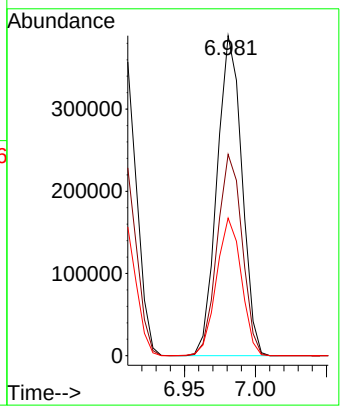


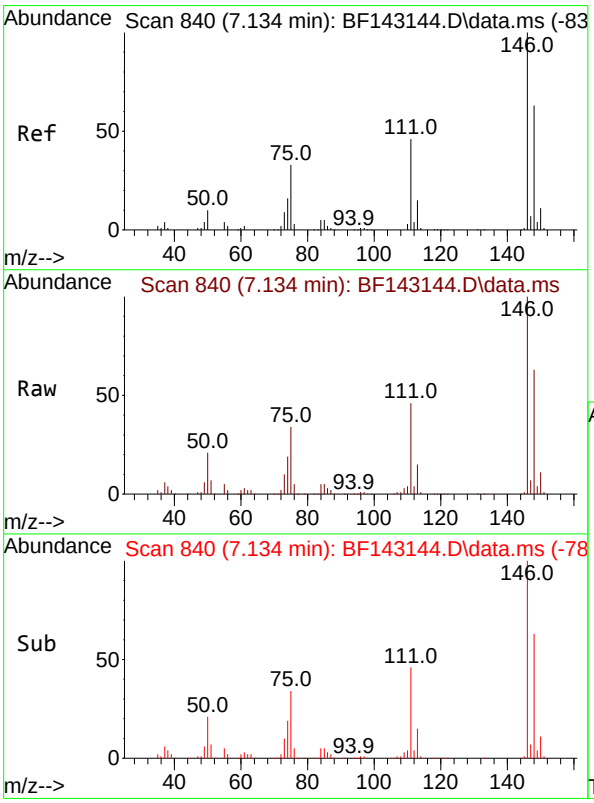
#13
1,4-Dichlorobenzene
Concen: 39.147 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 474015

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6

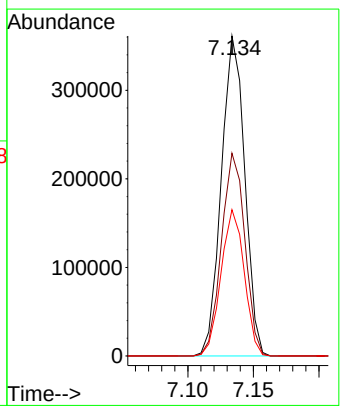


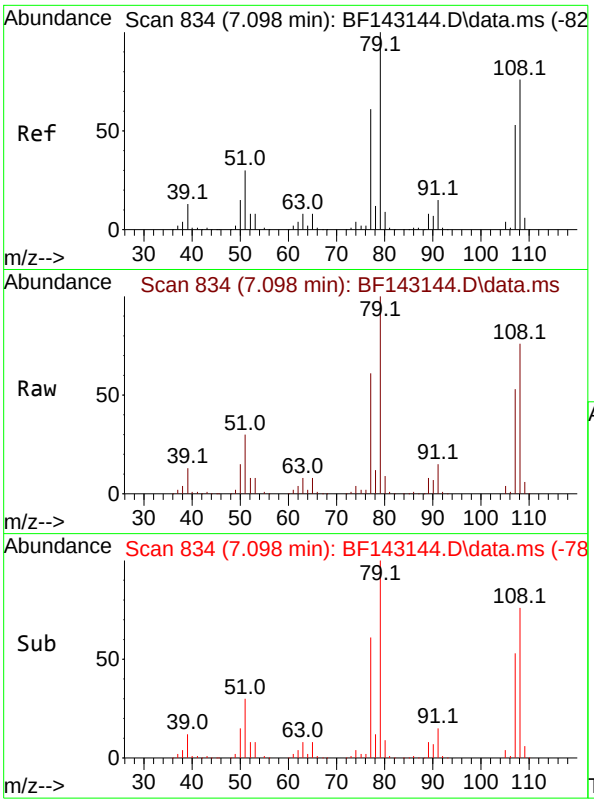


#14
1,2-Dichlorobenzene
Concen: 38.970 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 448808

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	45.7	36.6	54.8



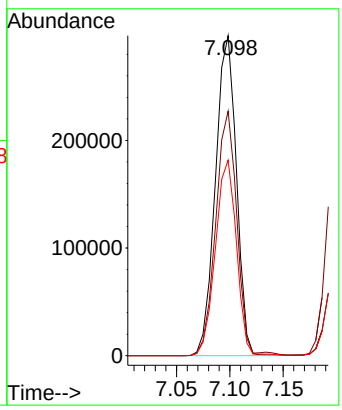


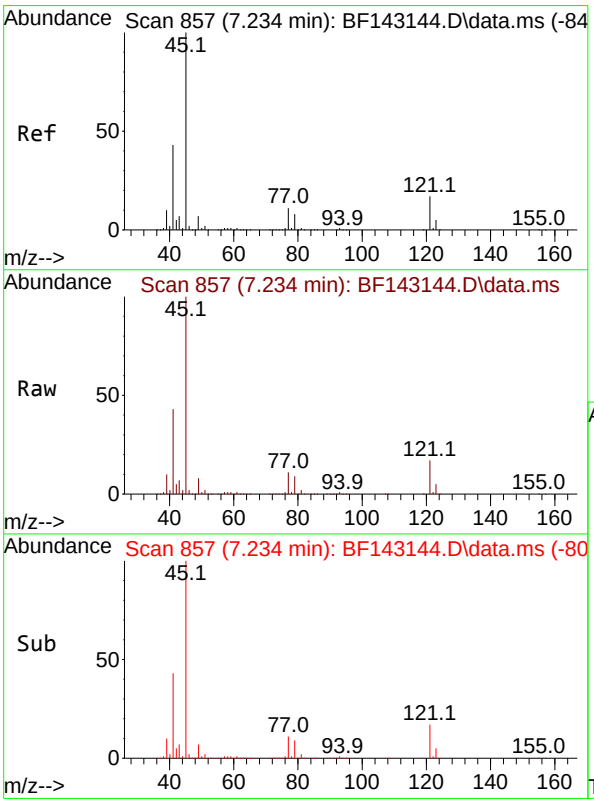
#15
Benzyl Alcohol
Concen: 40.017 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 406107

Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.1	91.7
77	61.1	48.9	73.3

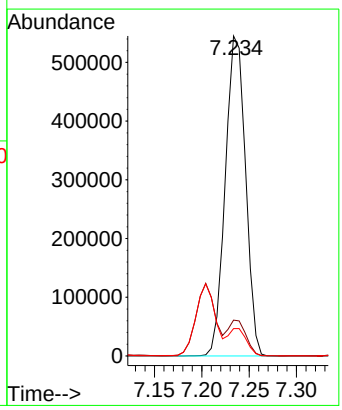


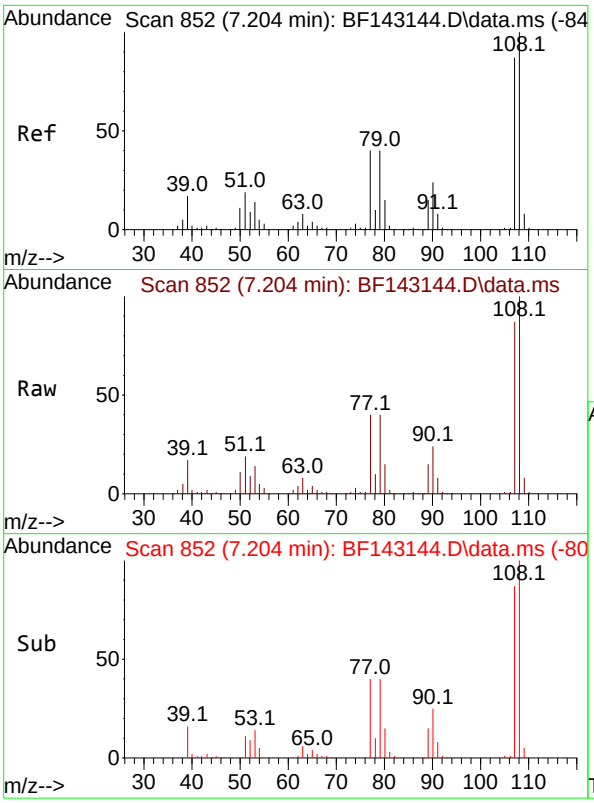


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 45 Resp: 808980

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.5	0.0	28.5



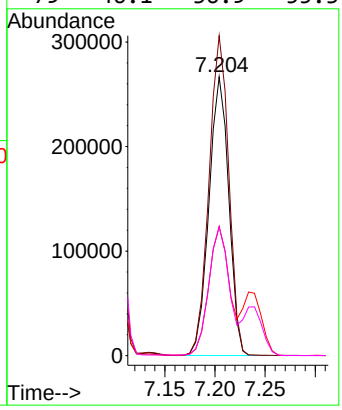


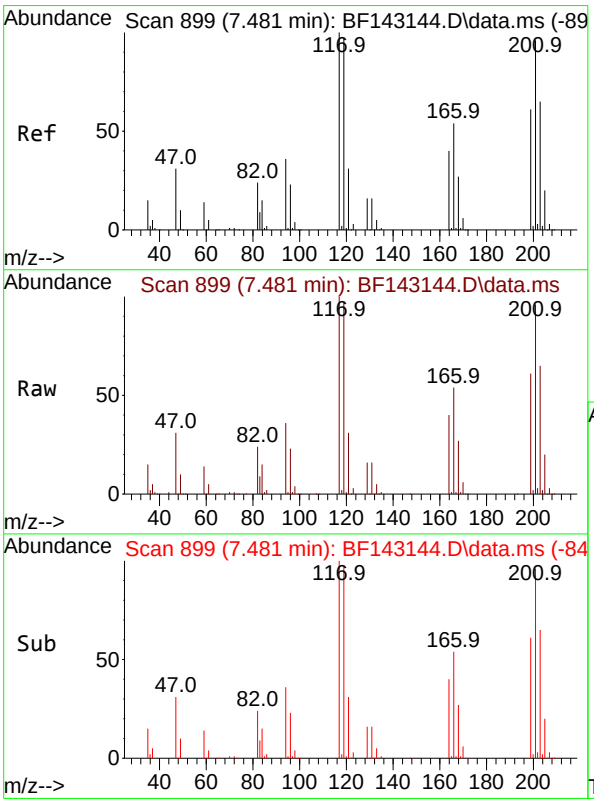
#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 366495

Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.8	137.6
77	46.3	37.0	55.6
79	46.1	36.9	55.3

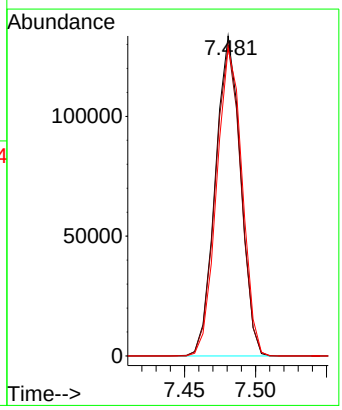


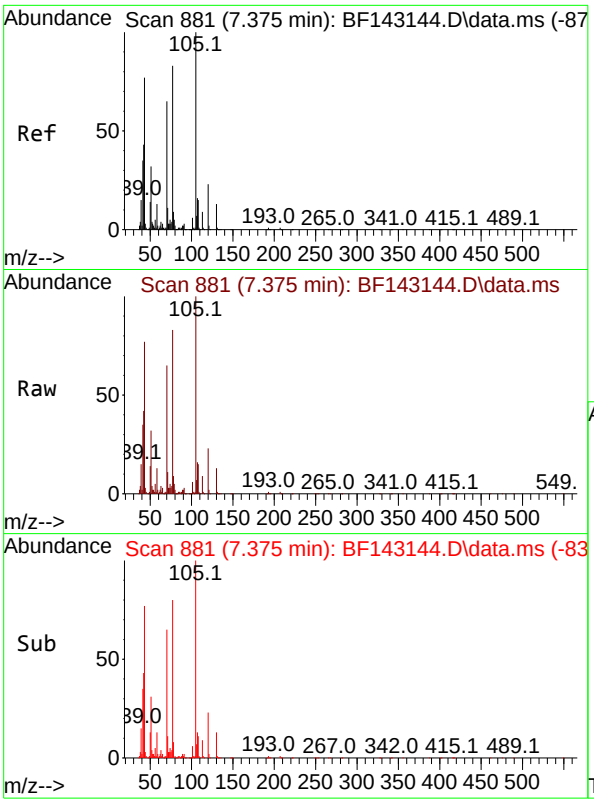


#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:117 Resp: 165263

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
201	96.2	77.0	115.4



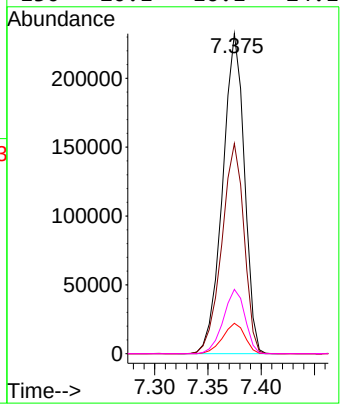


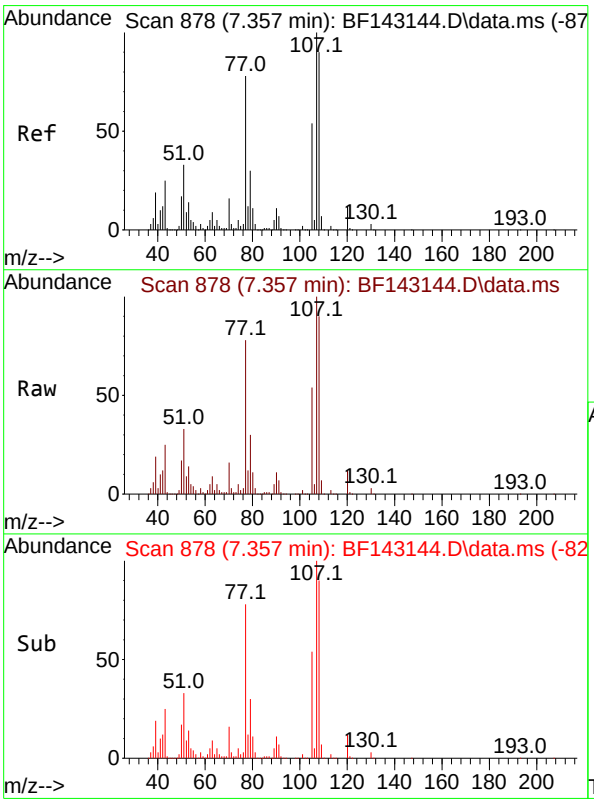
#19
n-Nitroso-di-n-propylamine
Concen: 38.656 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 329619

Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.5	7.6	11.4
130	20.1	16.1	24.1

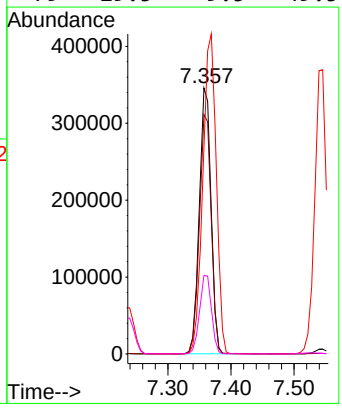


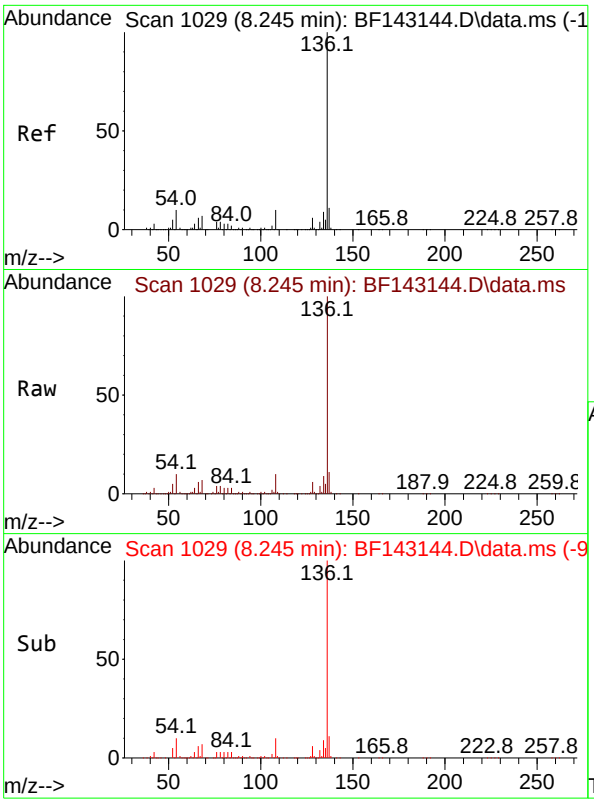


#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 448100

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	77.8	57.8	97.8
79	29.5	9.5	49.5



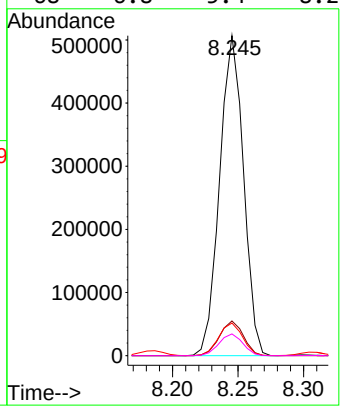


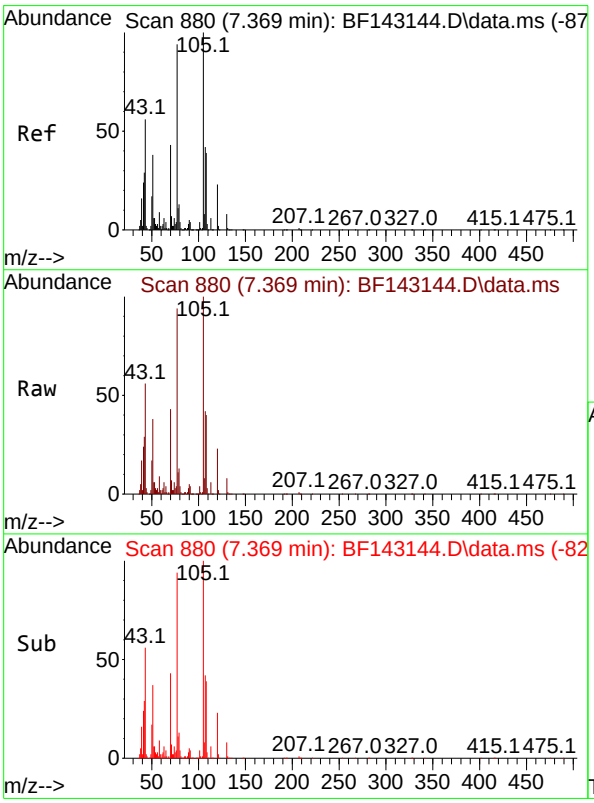
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 641413

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.2	8.2	12.2
68	6.8	5.4	8.2

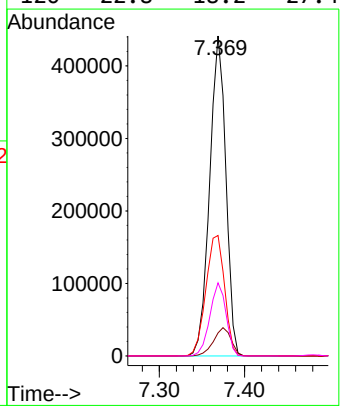


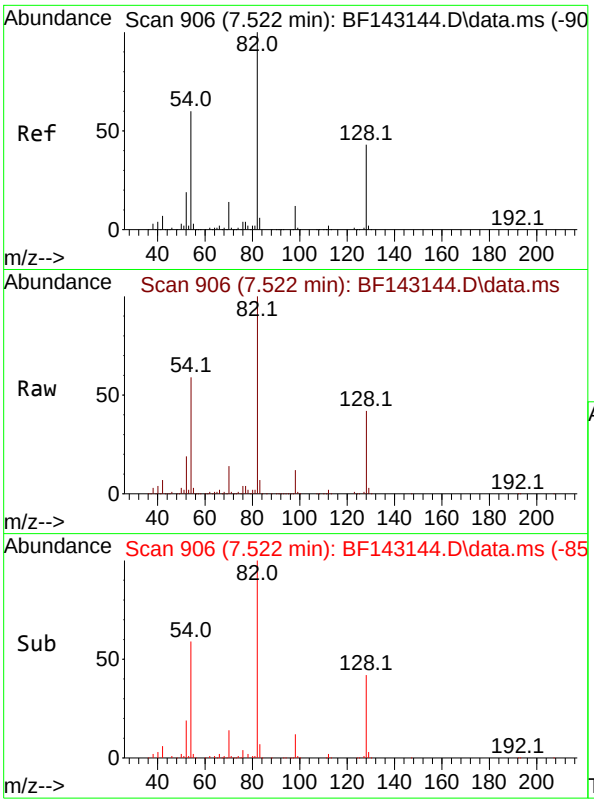


#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.6
51	37.7	30.2	45.2
120	22.8	18.2	27.4



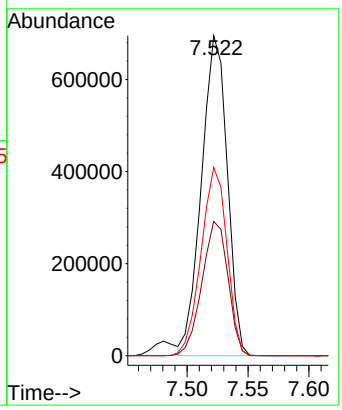


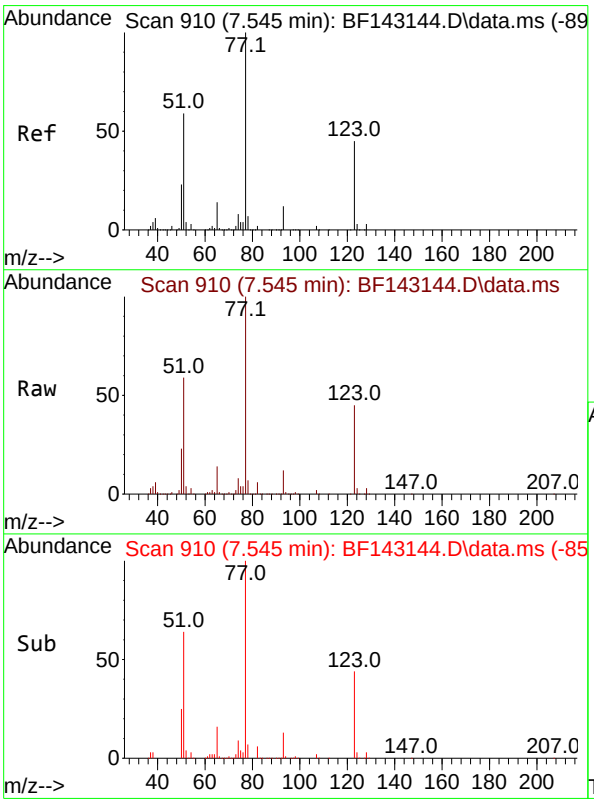
#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 7.522 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1023138

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	58.9	47.1	70.7

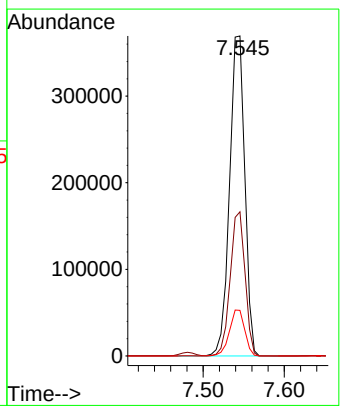


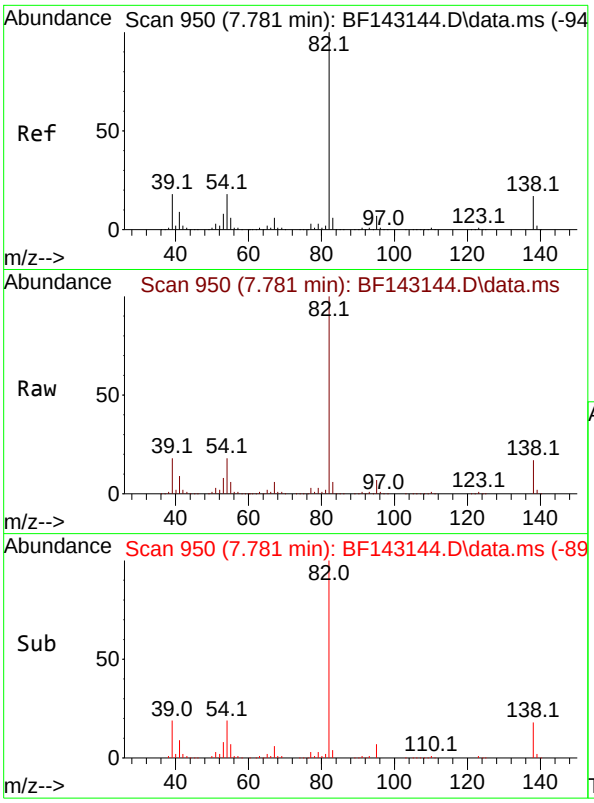


#24
Nitrobenzene
Concen: 40.136 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 481500

Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.1	54.1
65	14.3	11.4	17.2



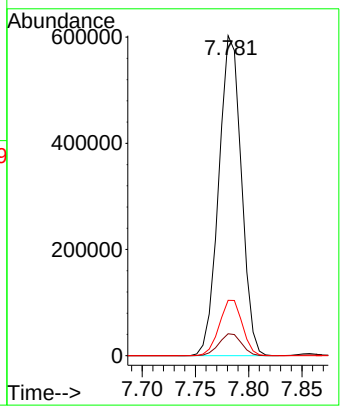


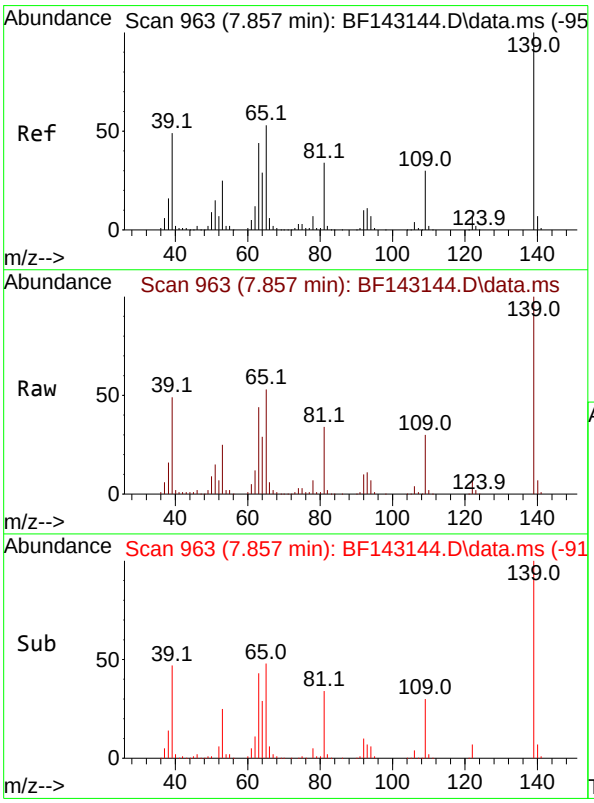
#25
Isophorone
Concen: 39.093 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 888017

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.3	13.8	20.8

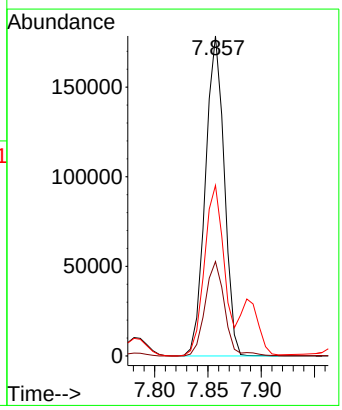


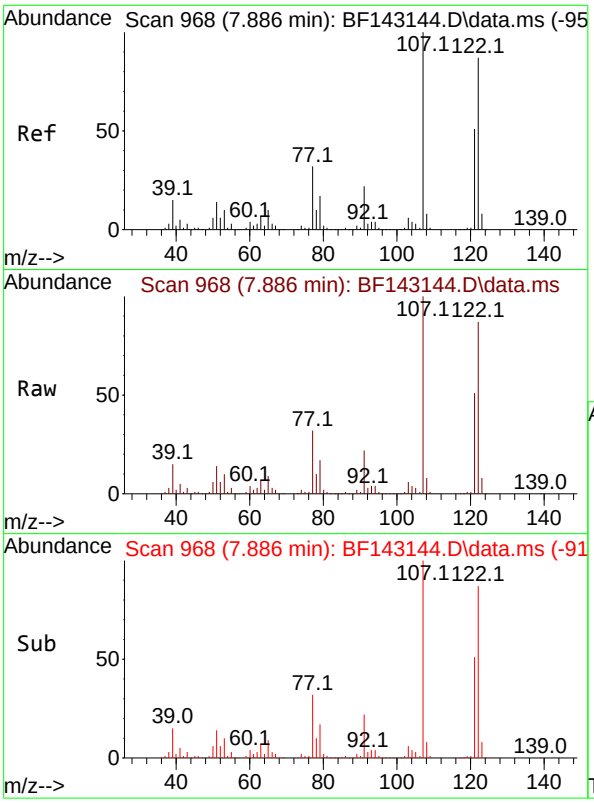


#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	53.3	42.6	64.0



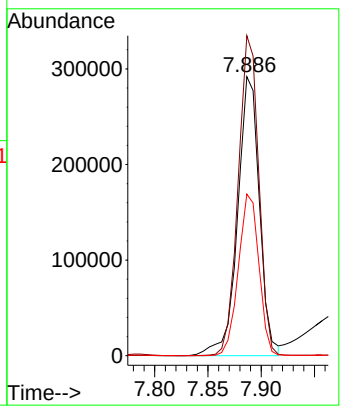


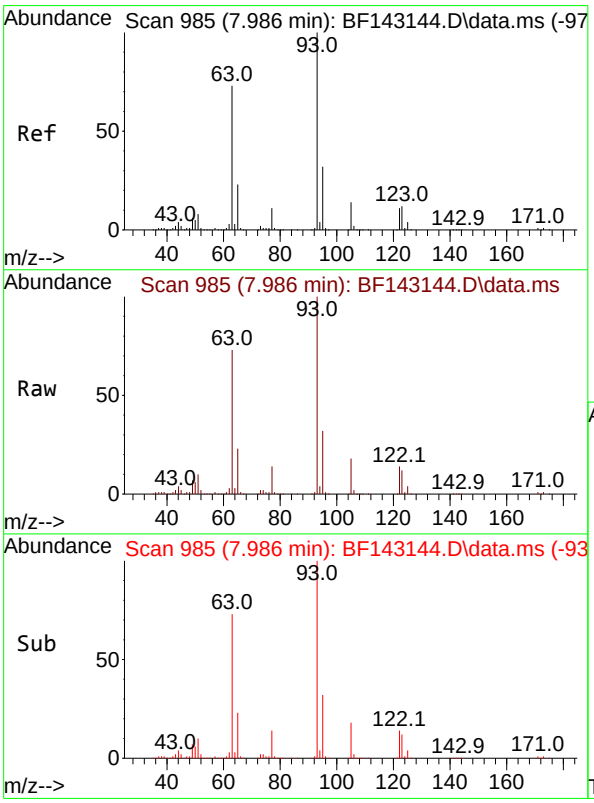
#27
2,4-Dimethylphenol
Concen: 39.210 ng
RT: 7.886 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 416128

Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.8	137.6
121	57.9	46.3	69.5

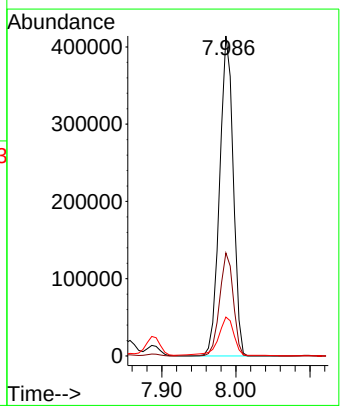


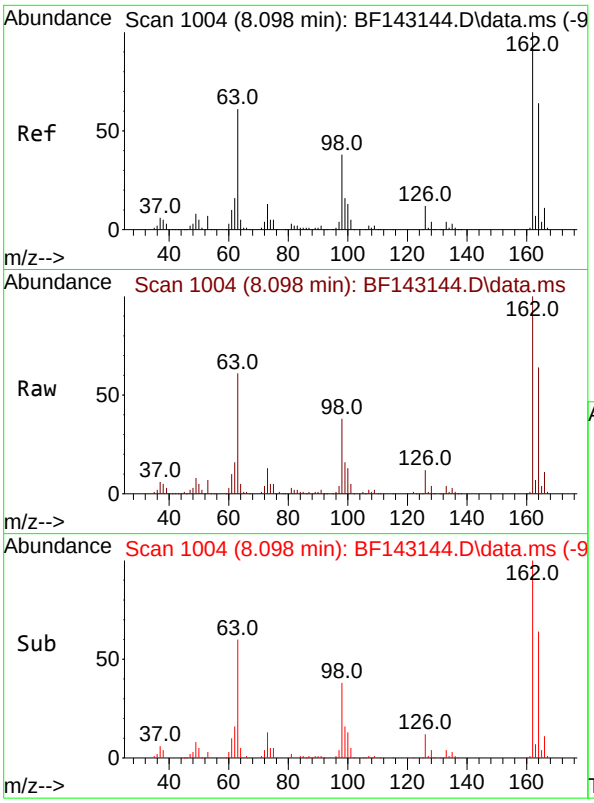


#28
bis(2-Chloroethoxy)methane
Concen: 38.860 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 529258

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.1	9.7	14.5



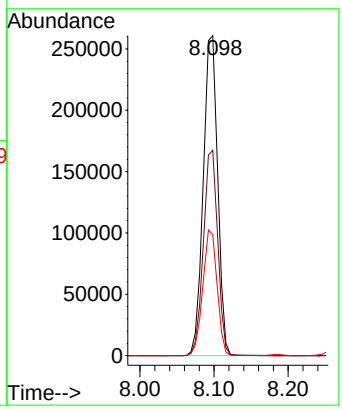


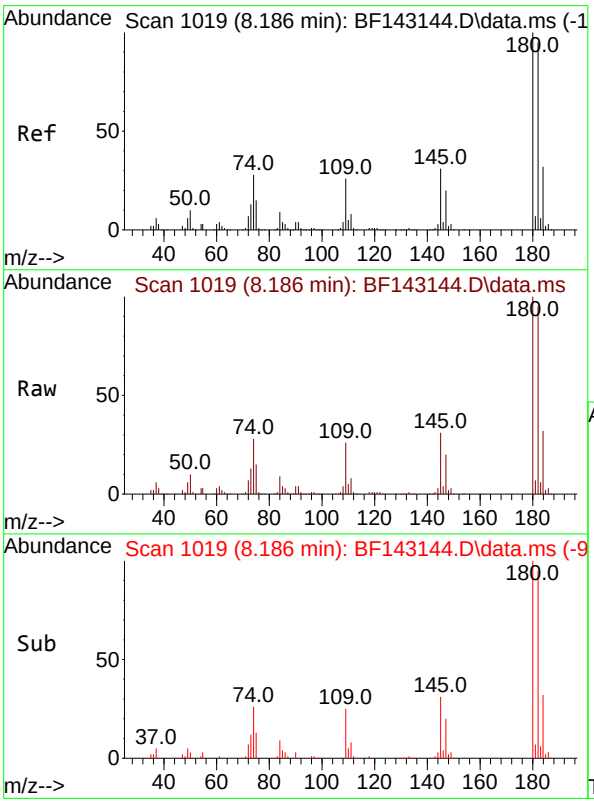
#29
2,4-Dichlorophenol
Concen: 39.537 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 353866

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	37.9	17.9	57.9

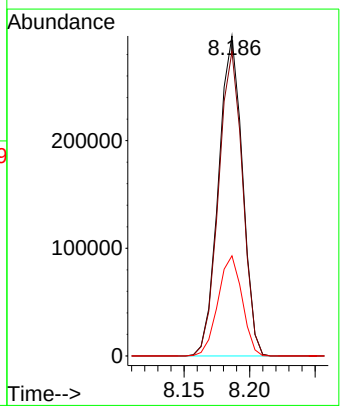


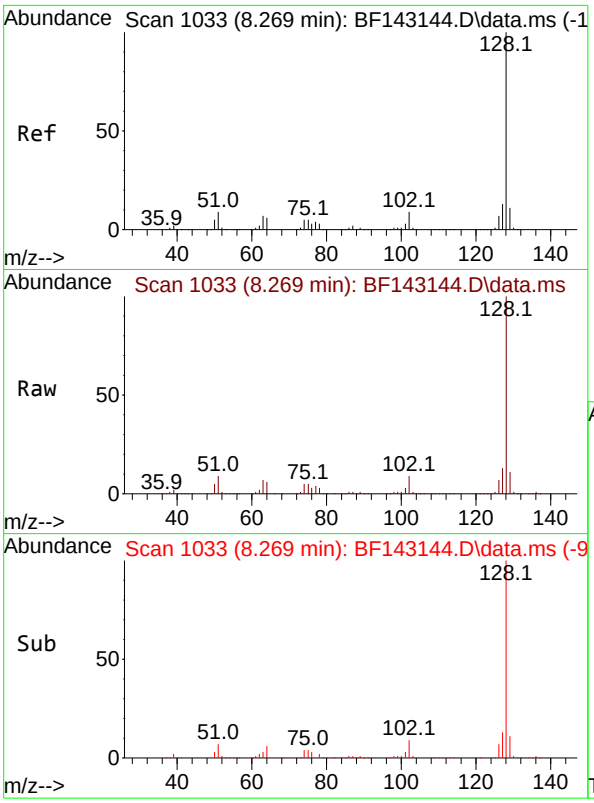


#30
1,2,4-Trichlorobenzene
Concen: 38.947 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:180 Resp: 376590

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	31.3	25.0	37.6



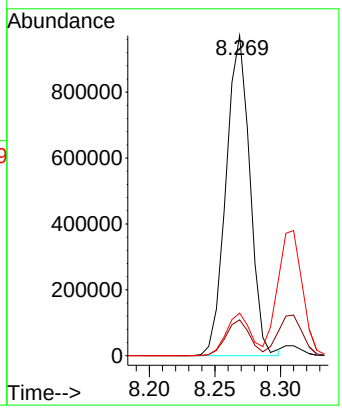


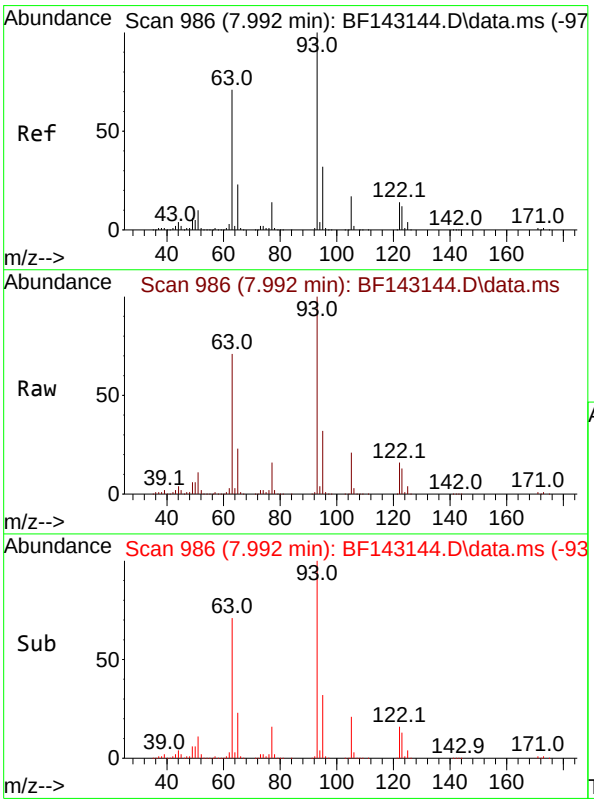
#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1224033

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	16.0

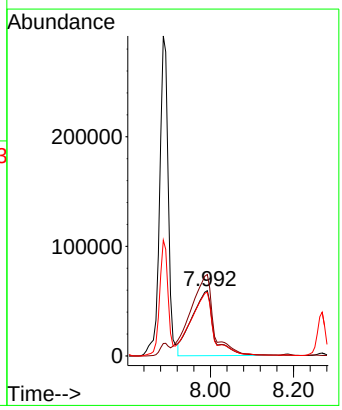


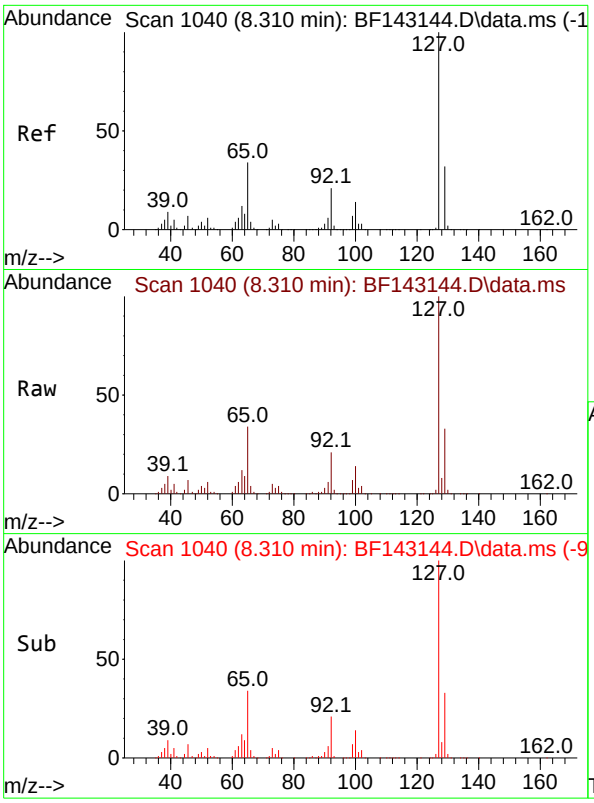


#32
Benzoic acid
Concen: 38.306 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 221775

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	97.6	77.6	117.6



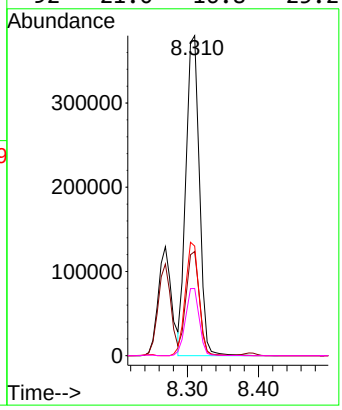


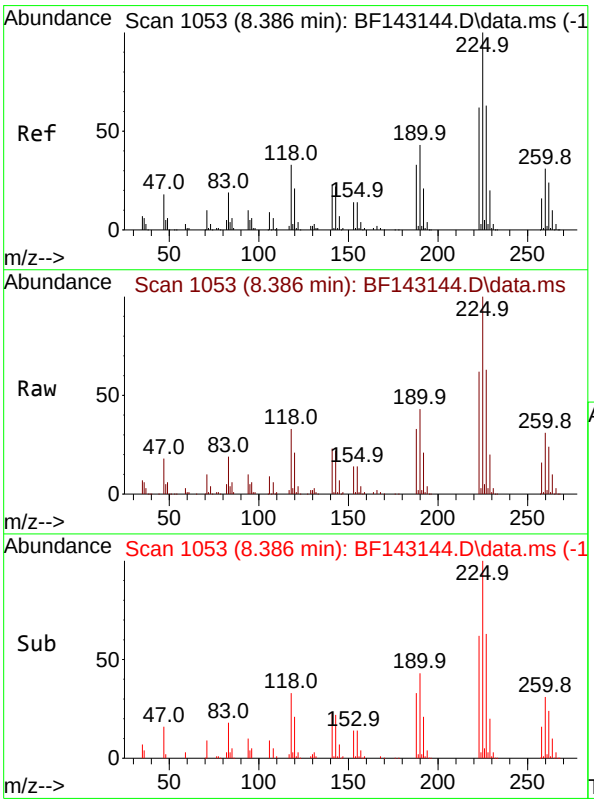
#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 500402

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	34.3	27.4	41.2
92	21.0	16.8	25.2

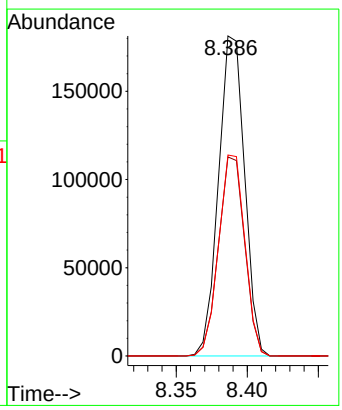


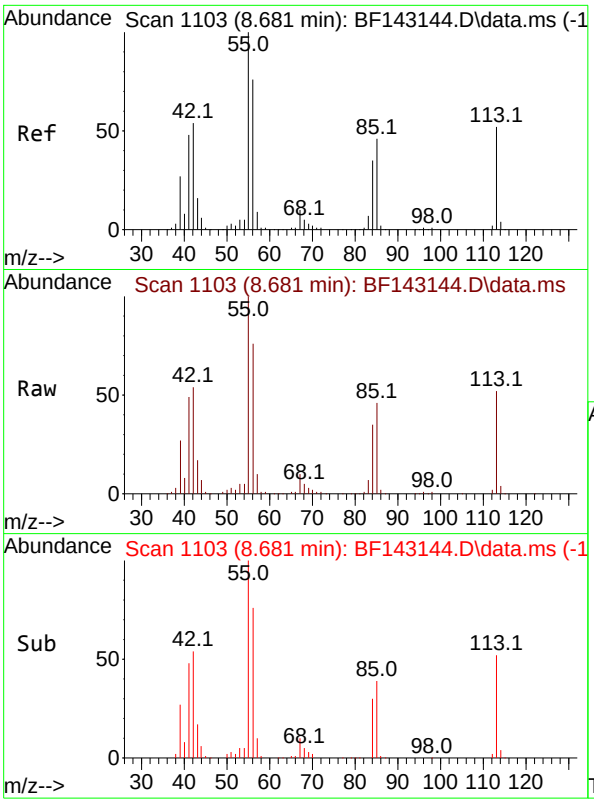


#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	62.8	50.2	75.4



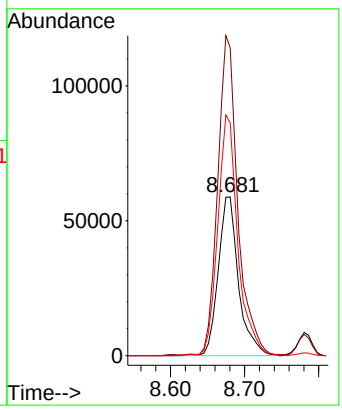


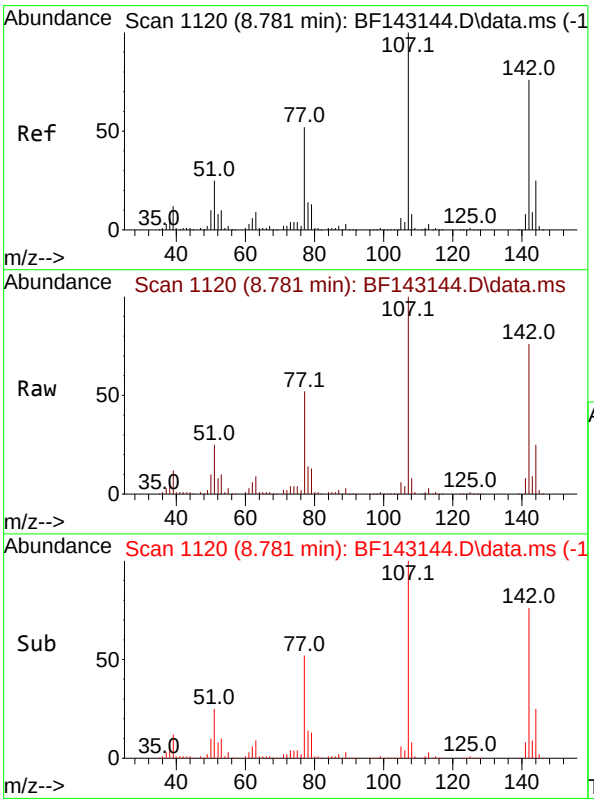
#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 111733

Ion	Ratio	Lower	Upper
113	100		
55	194.0	174.0	214.0
56	146.6	126.6	166.6

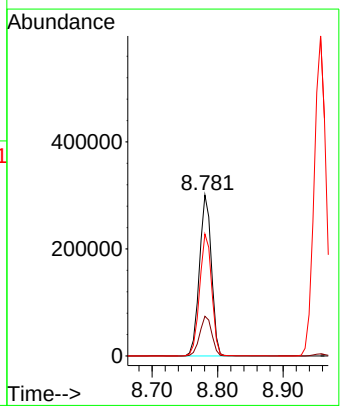


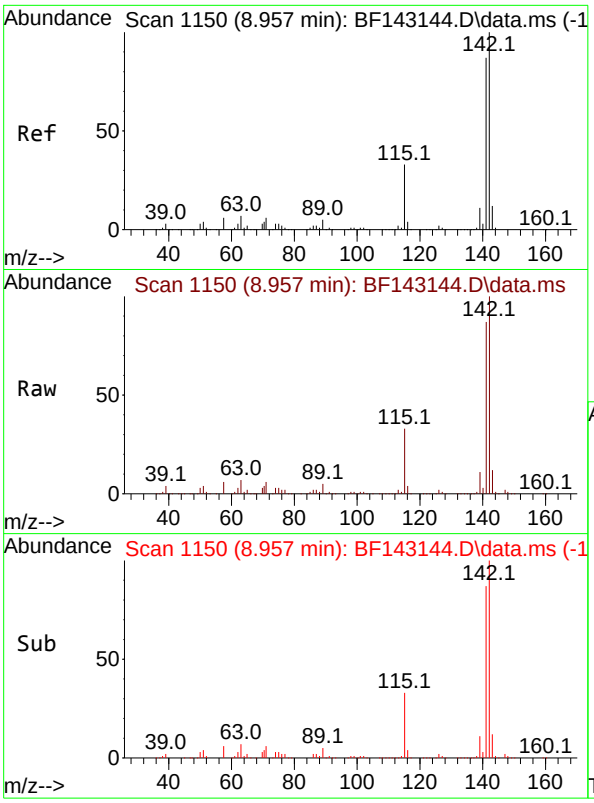


#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 385507

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	75.7	60.6	90.8



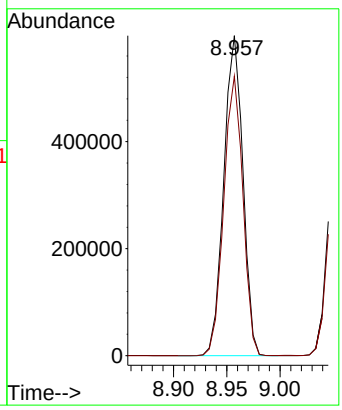


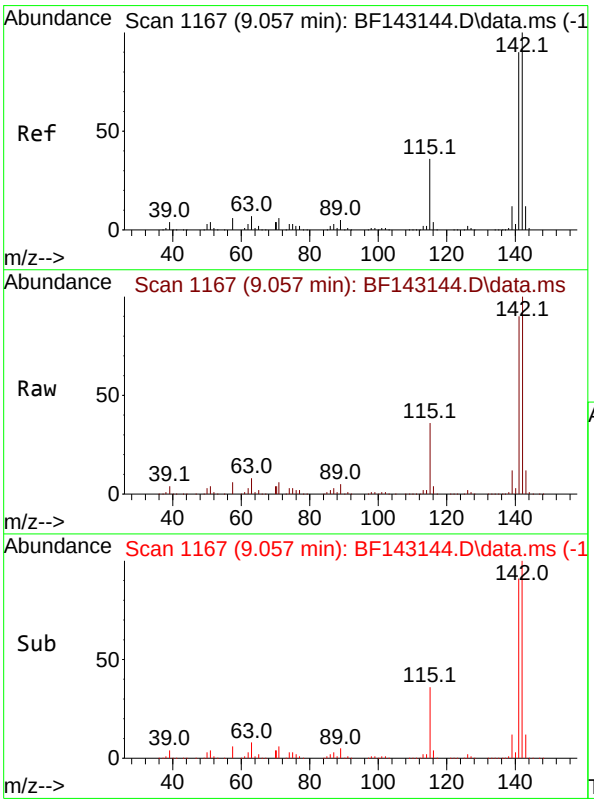
#37
2-Methylnaphthalene
Concen: 38.720 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 744295

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9

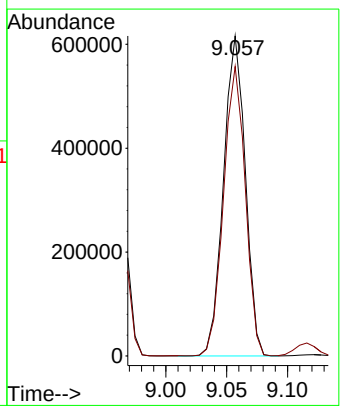


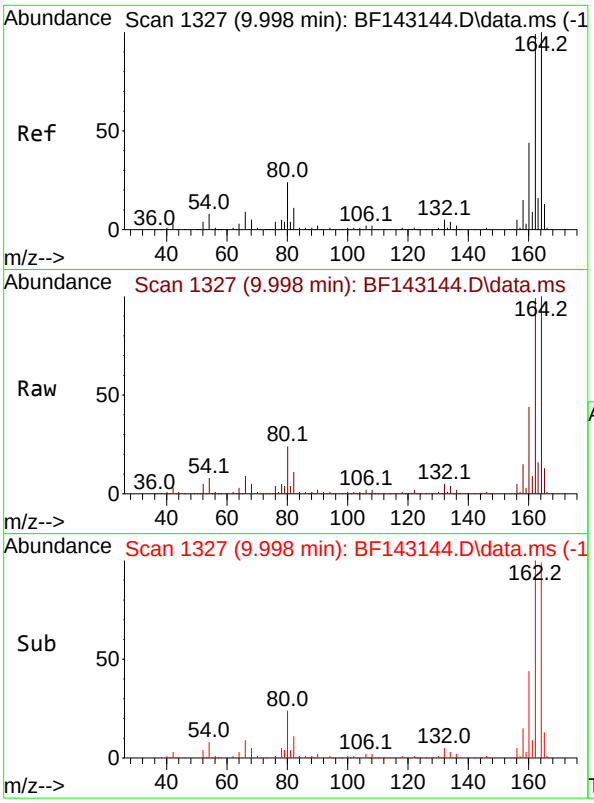


#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 768508

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5



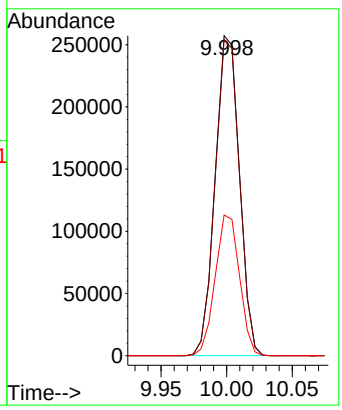


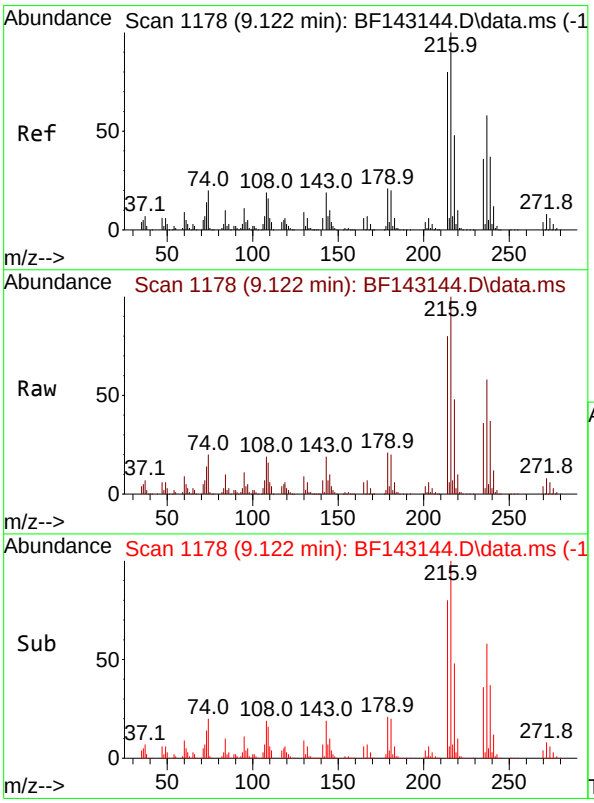
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 331881

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.0	118.6
160	43.9	35.1	52.7

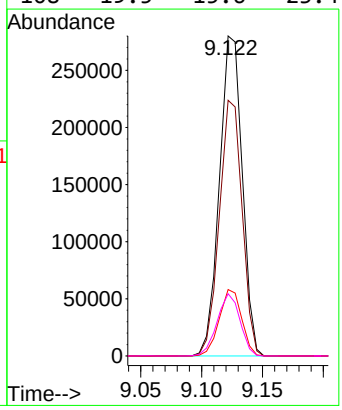


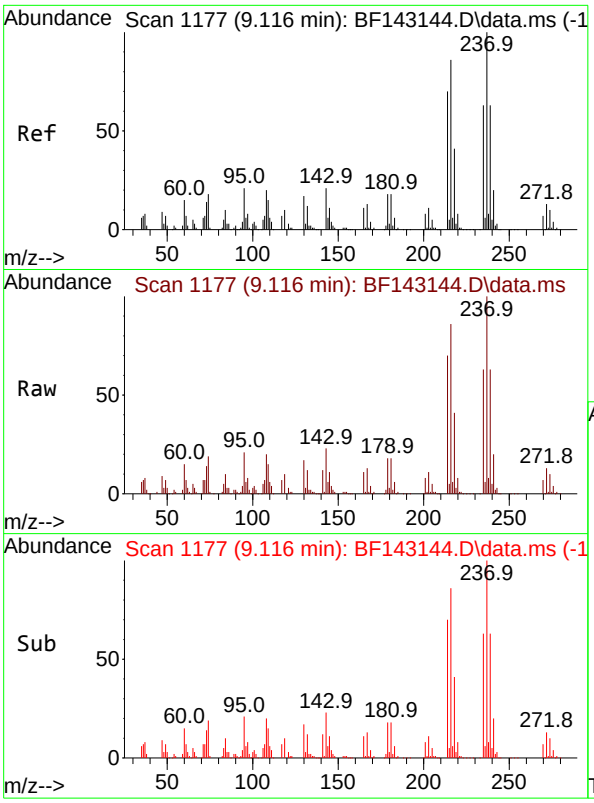


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.118 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	20.5	16.4	24.6
108	19.5	15.6	23.4



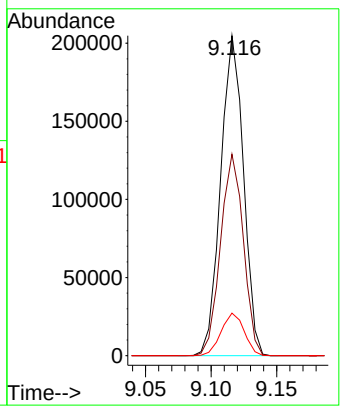


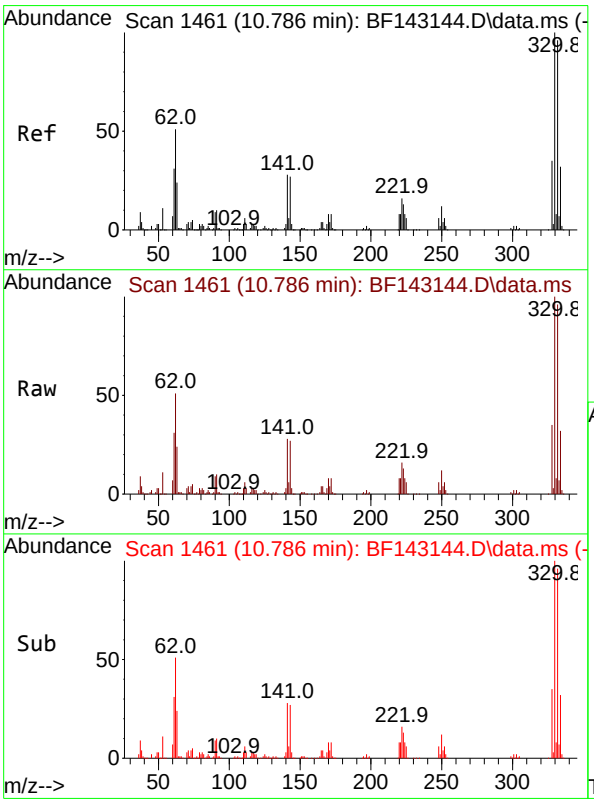
#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 247480

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.0	83.0
272	13.3	0.0	33.3

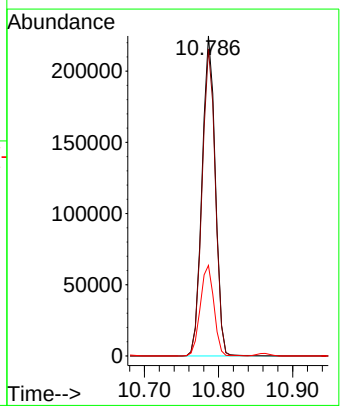


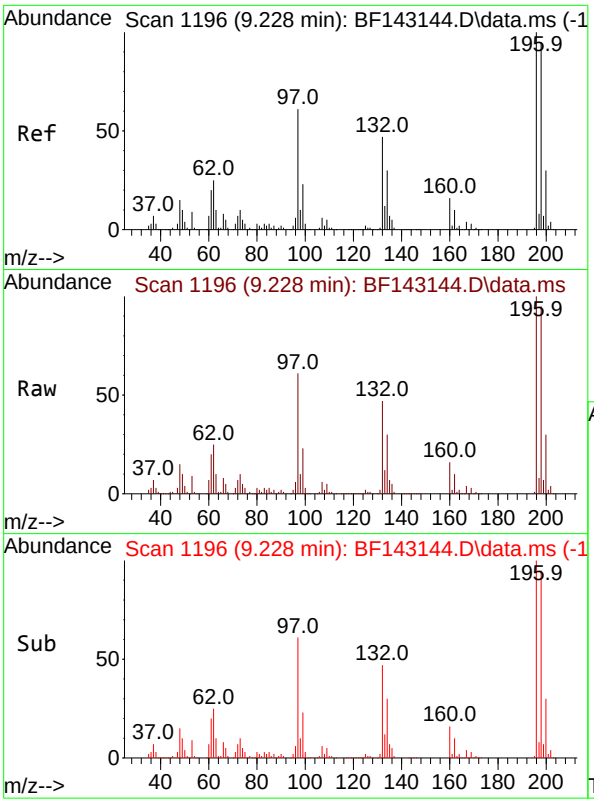


#42
2,4,6-Tribromophenol
Concen: 81.485 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:330 Resp: 279373

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	29.1	23.3	34.9



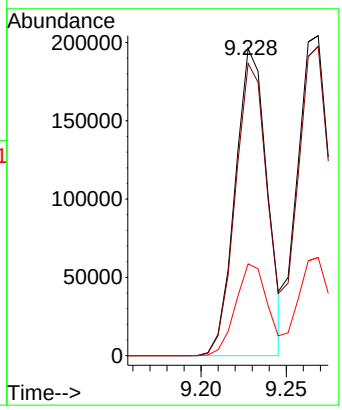


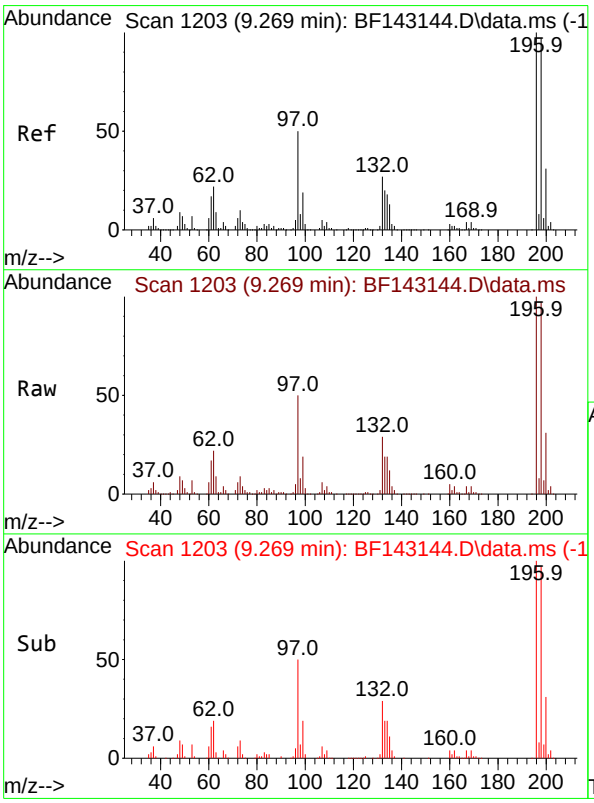
#43
2,4,6-Trichlorophenol
Concen: 38.471 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 255115

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	29.9	23.9	35.9

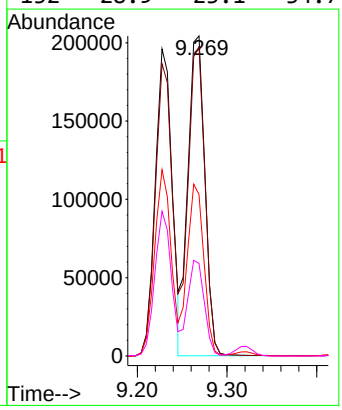


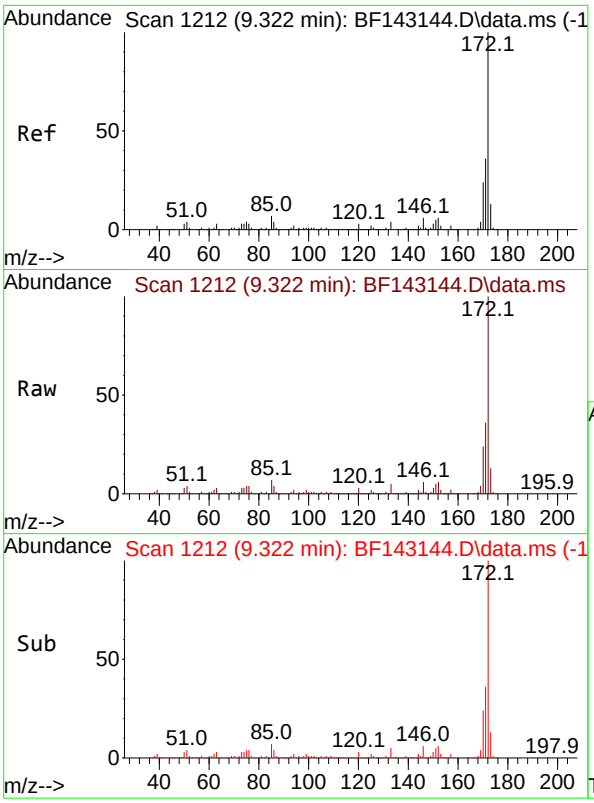


#44
2,4,5-Trichlorophenol
Concen: 40.494 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 268615

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.4	40.3	60.5
132	28.9	23.1	34.7



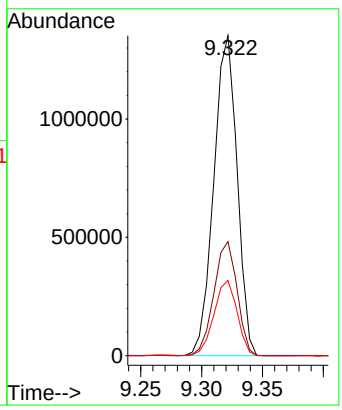


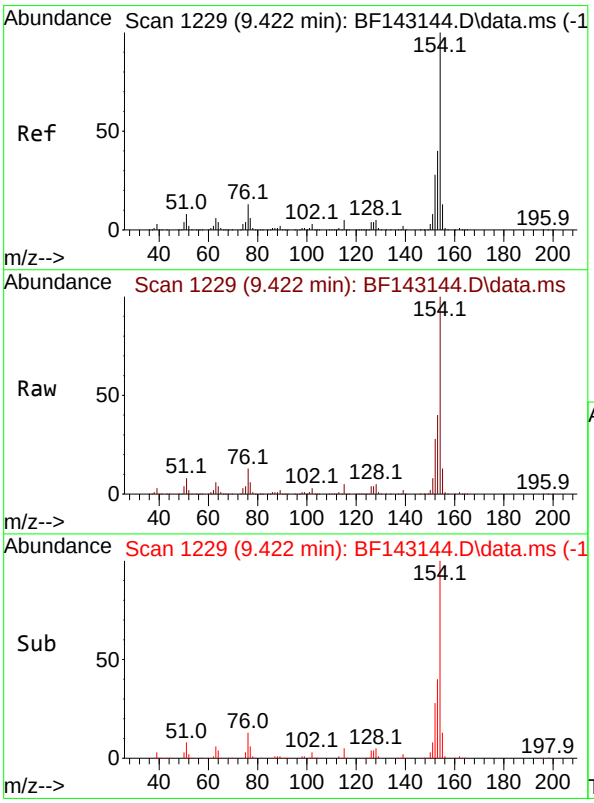
#45
2-Fluorobiphenyl
Concen: 74.274 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1802398

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.5	18.8	28.2

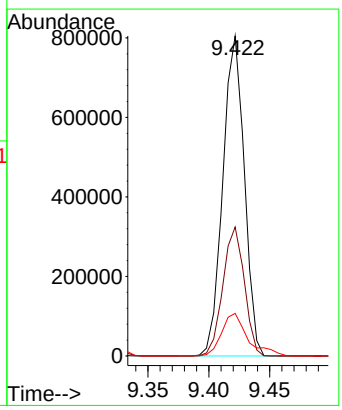


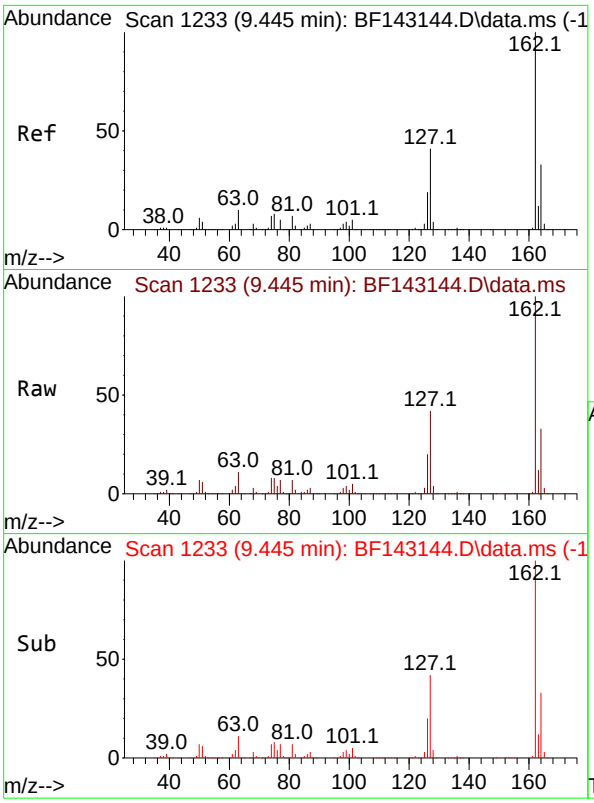


#46
1,1'-Biphenyl
Concen: 38.177 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 988537

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.3	0.0	33.3



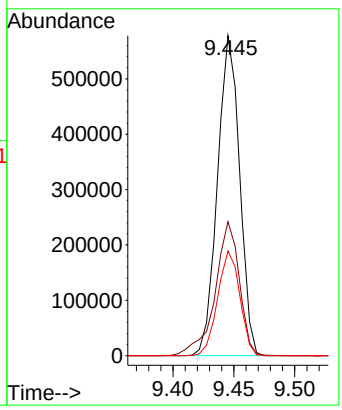


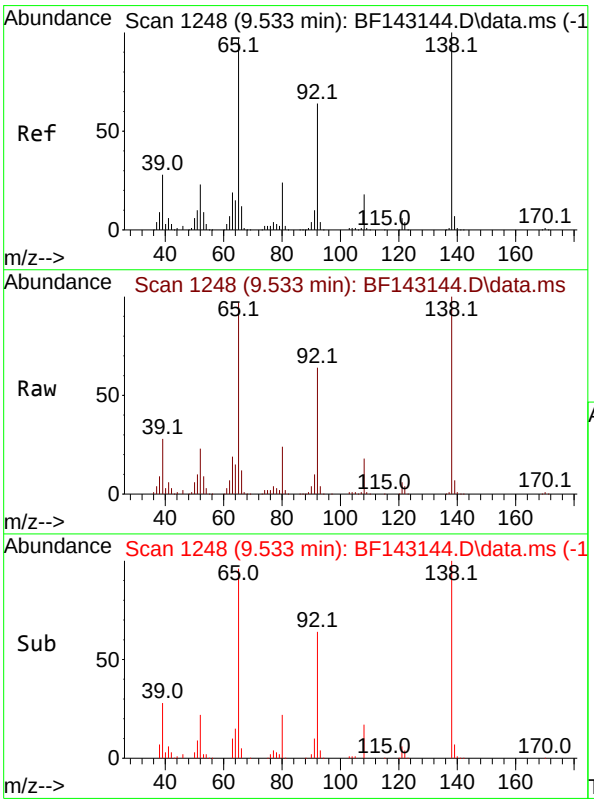
#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 731879

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	32.7	26.2	39.2

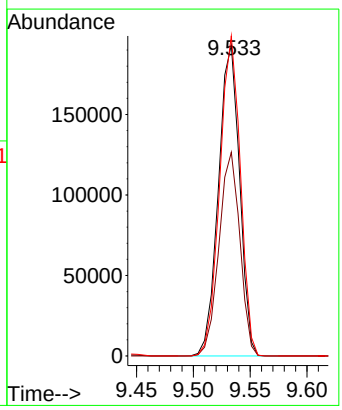


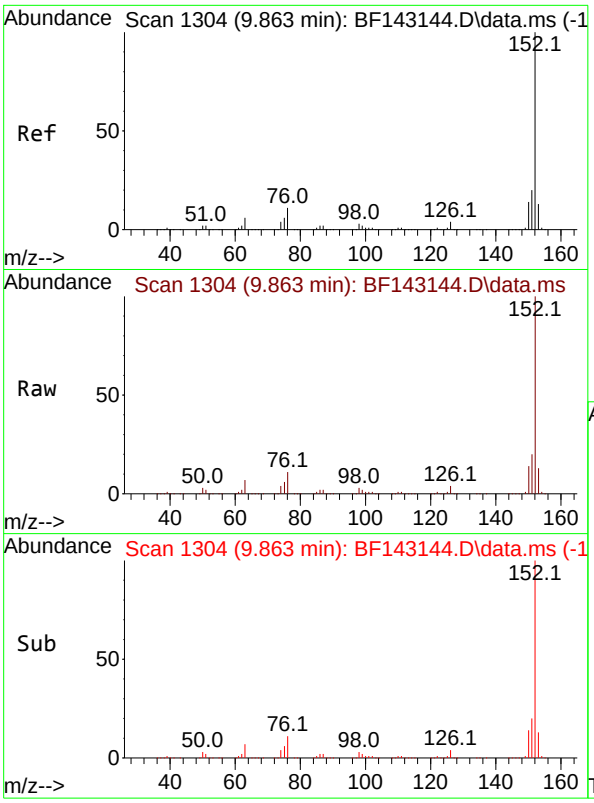


#48
2-Nitroaniline
Concen: 41.594 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 65 Resp: 249908

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.4	78.6
138	102.9	82.3	123.5



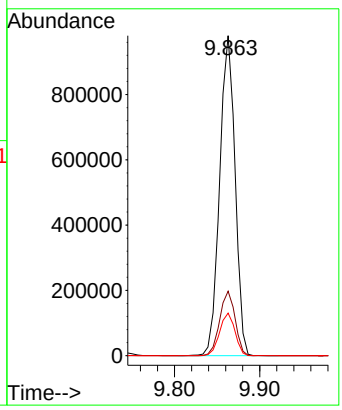


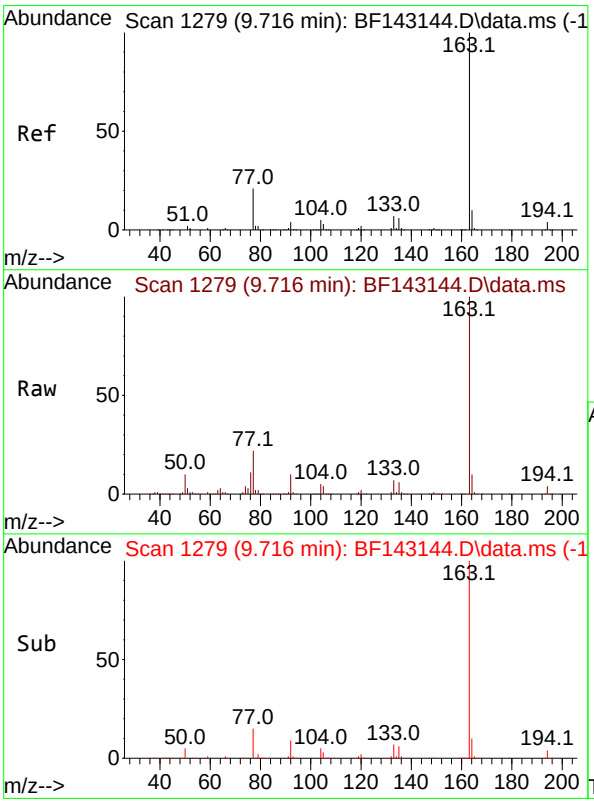
#49
Acenaphthylene
Concen: 38.458 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 1234789

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0

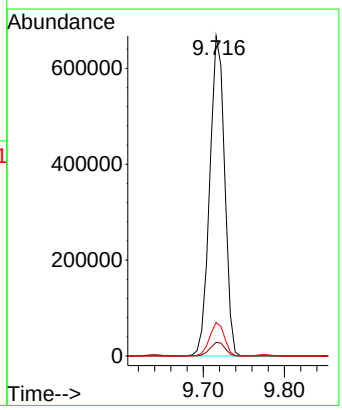


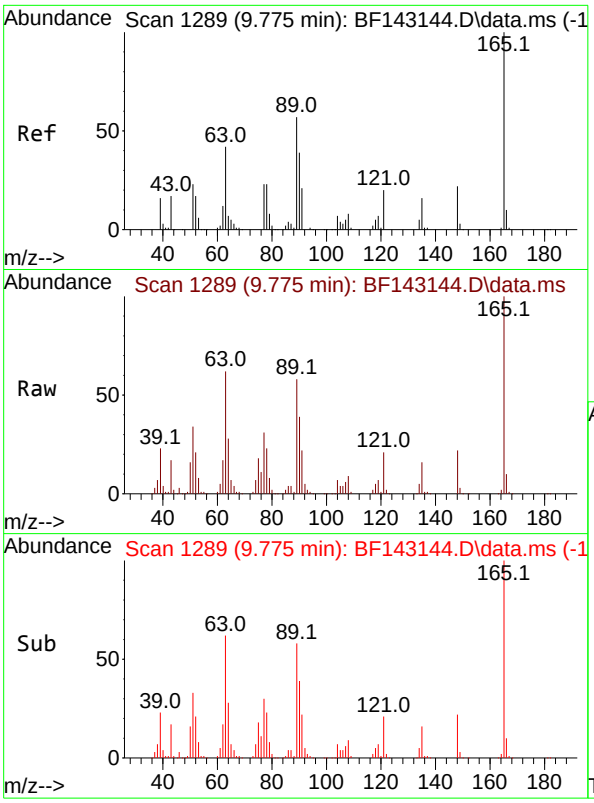


#50
Dimethylphthalate
Concen: 39.238 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:163 Resp: 848828

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.3	12.5



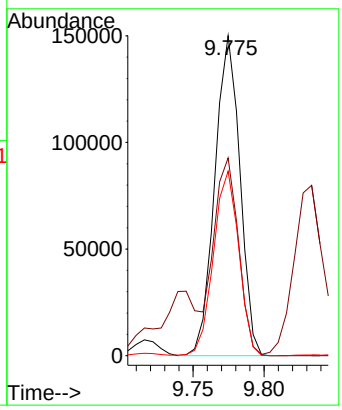


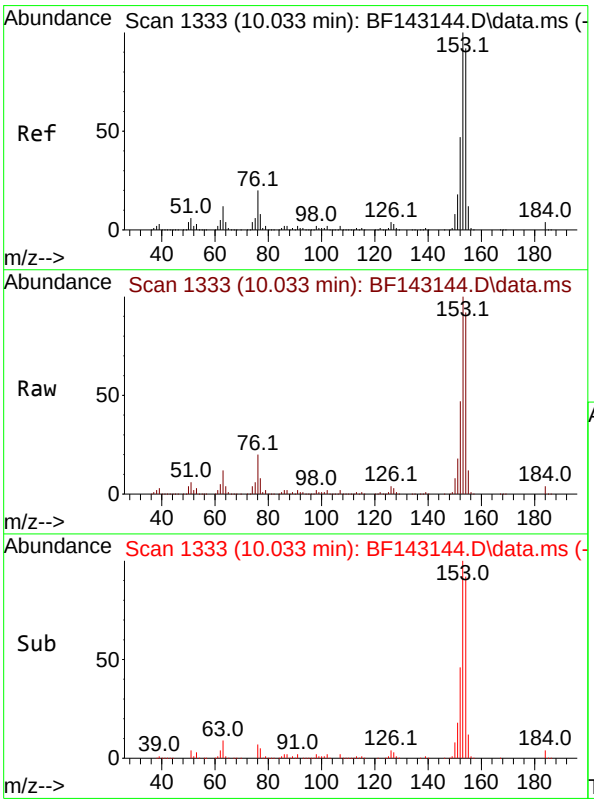
#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 184242

Ion	Ratio	Lower	Upper
165	100		
63	61.8	49.4	74.2
89	57.7	46.2	69.2

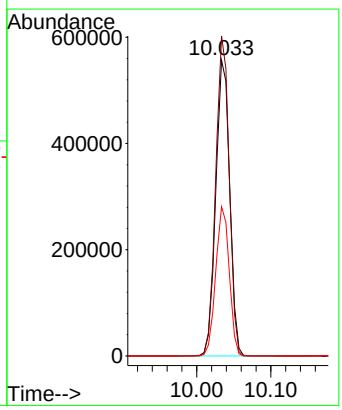


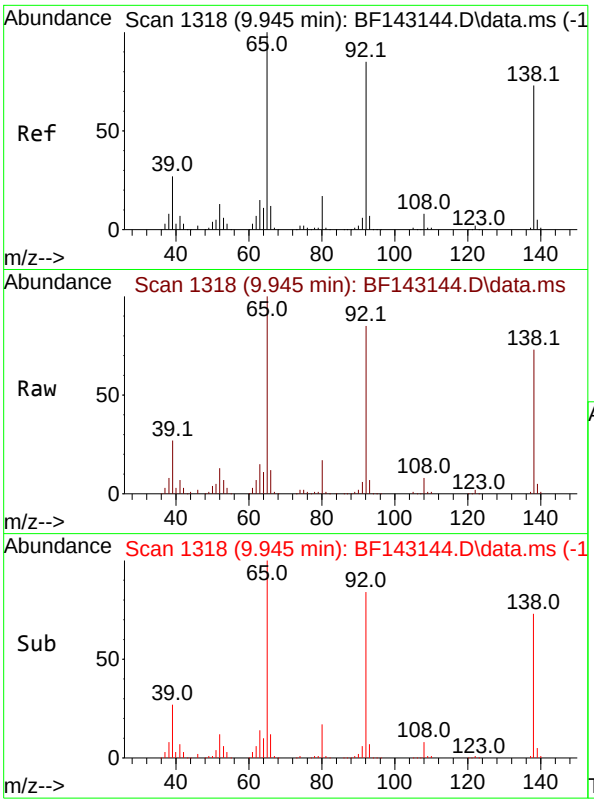


#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 727386

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	50.5	40.4	60.6



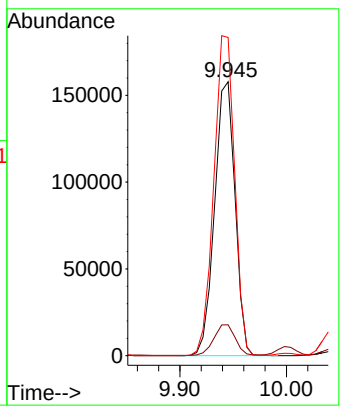


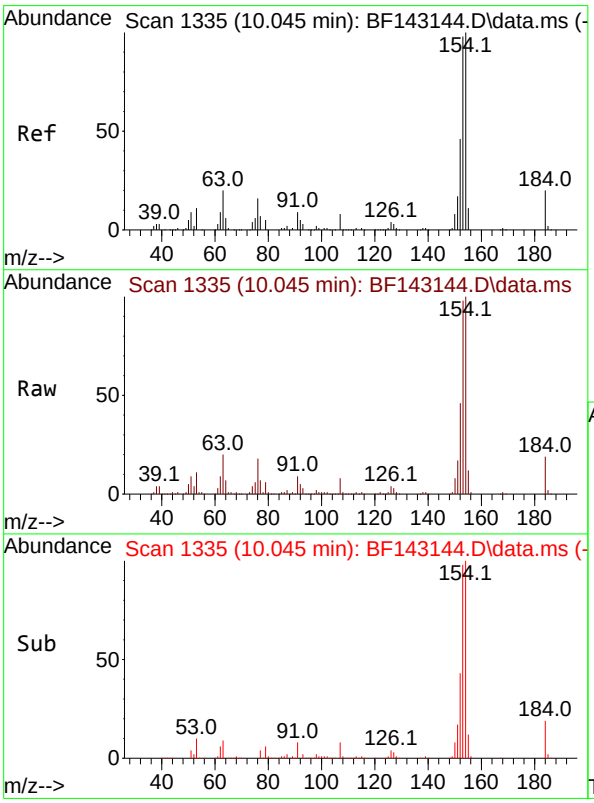
#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 210179

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.6
92	116.2	93.0	139.4

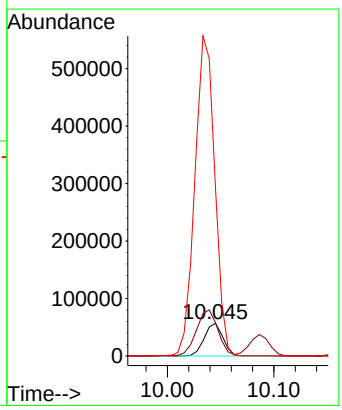


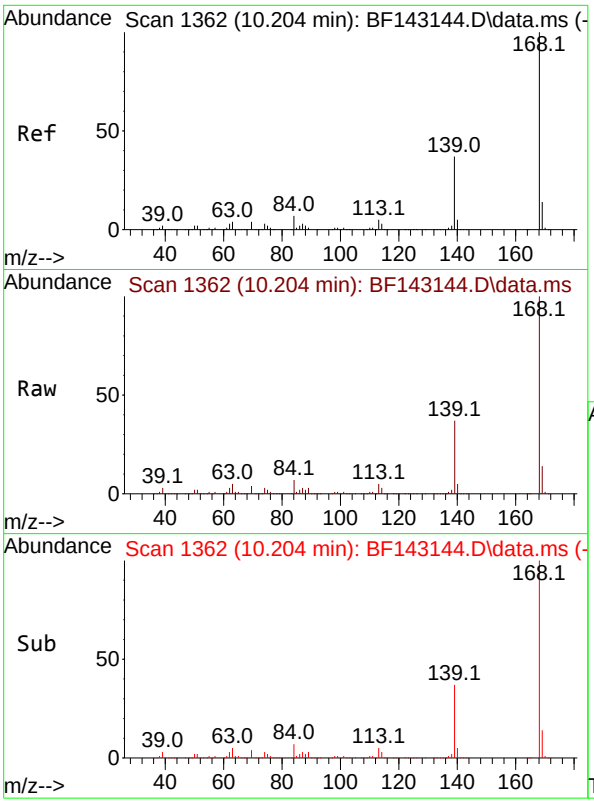


#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 69157

Ion	Ratio	Lower	Upper
184	100		
63	102.2	81.8	122.6
154	515.3	412.2	618.4



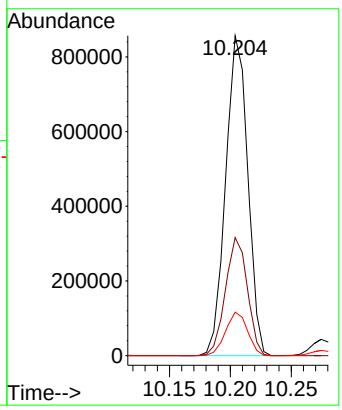


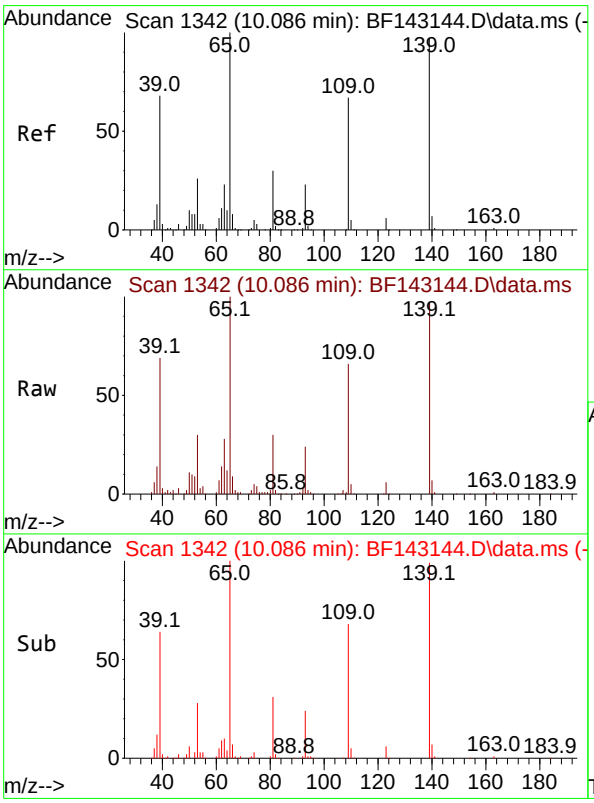
#55
Dibenzofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 1083678

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.6	10.9	16.3

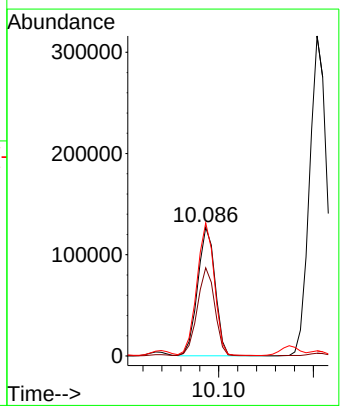


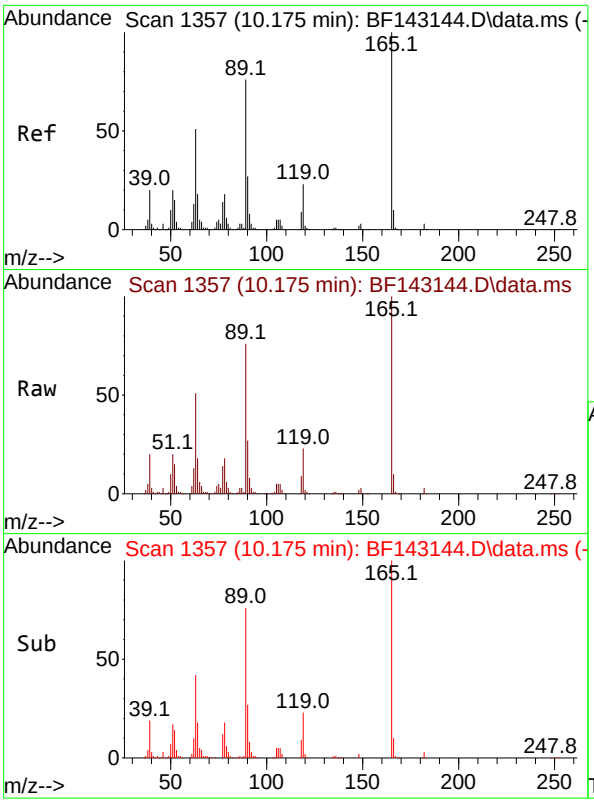


#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 163009

Ion	Ratio	Lower	Upper
139	100		
109	68.5	48.5	88.5
65	103.4	83.4	123.4



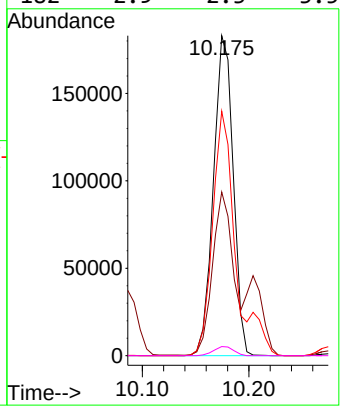


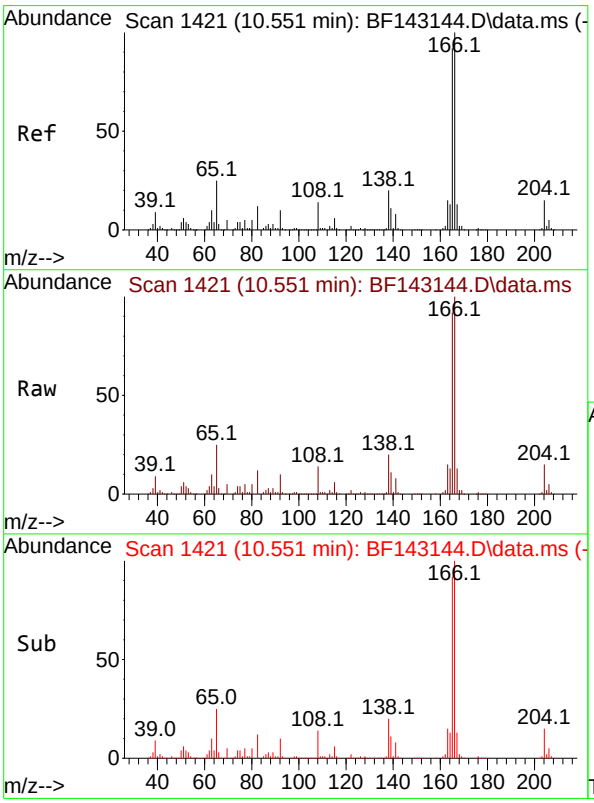
#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 235101

Ion	Ratio	Lower	Upper
165	100		
63	51.2	41.0	61.4
89	76.4	61.1	91.7
182	2.9	2.3	3.5

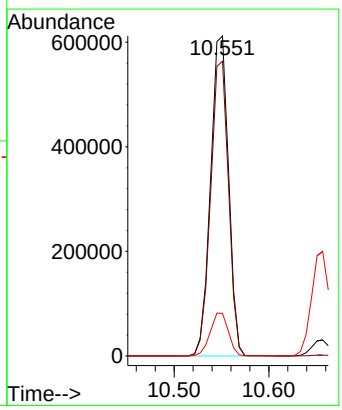


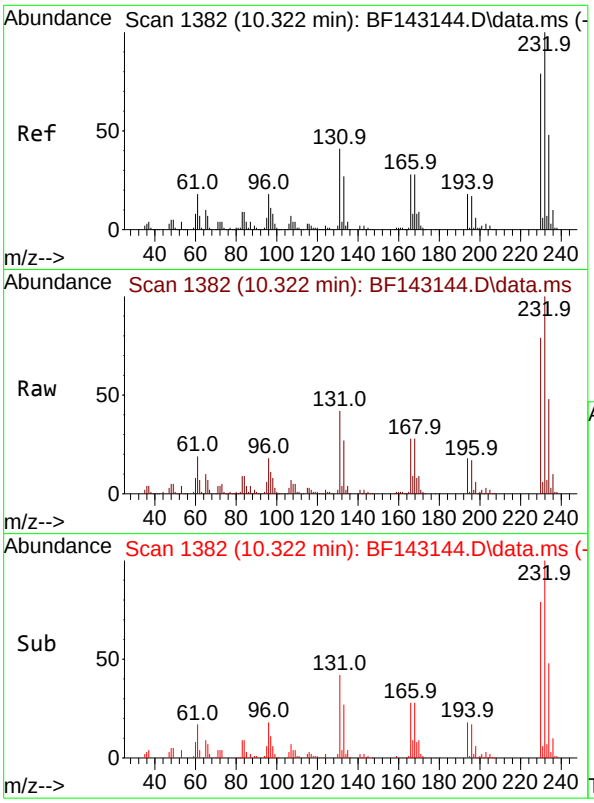


#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:166 Resp: 804336

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.3	10.6	16.0



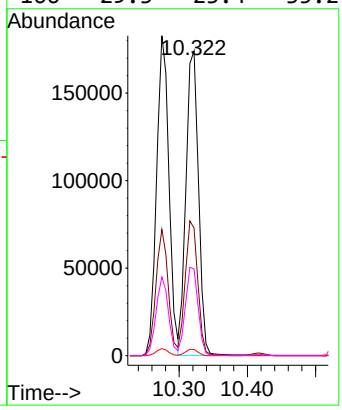


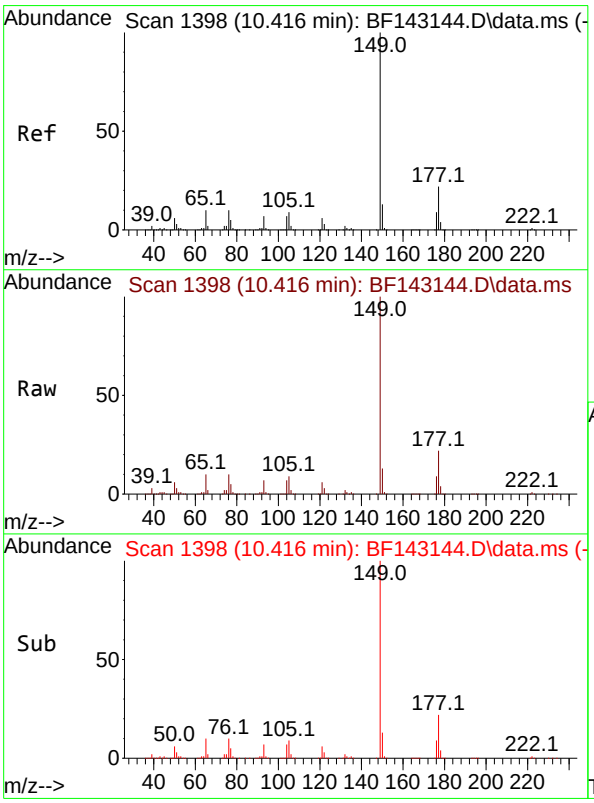
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 220872

Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.3	52.9
130	2.1	1.7	2.5
166	29.3	23.4	35.2

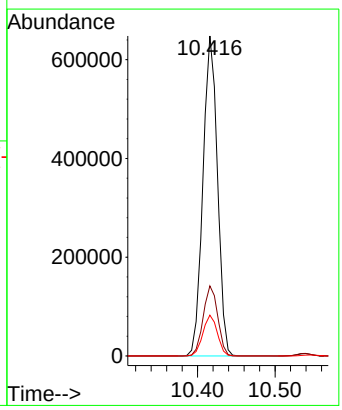


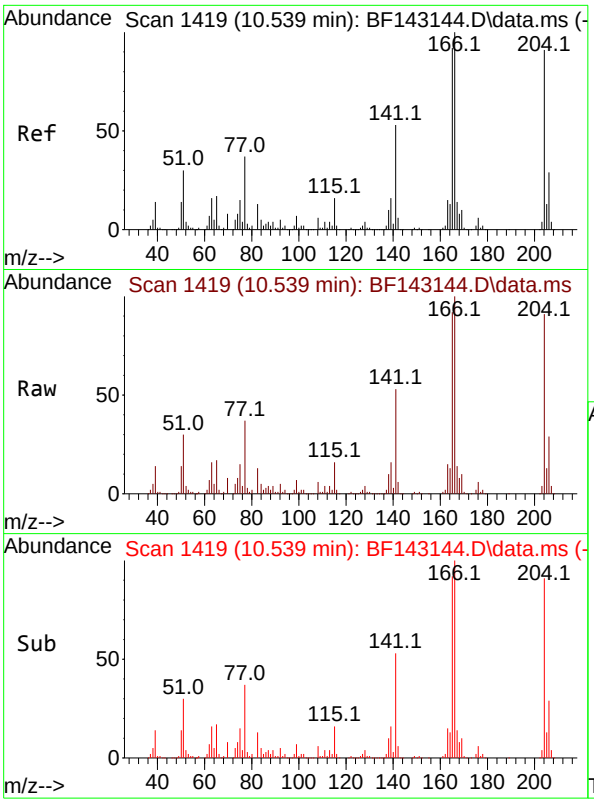


#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 842184

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.7	10.2	15.2



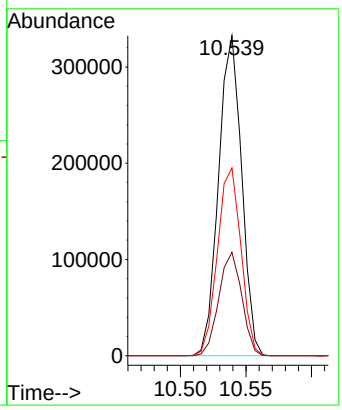


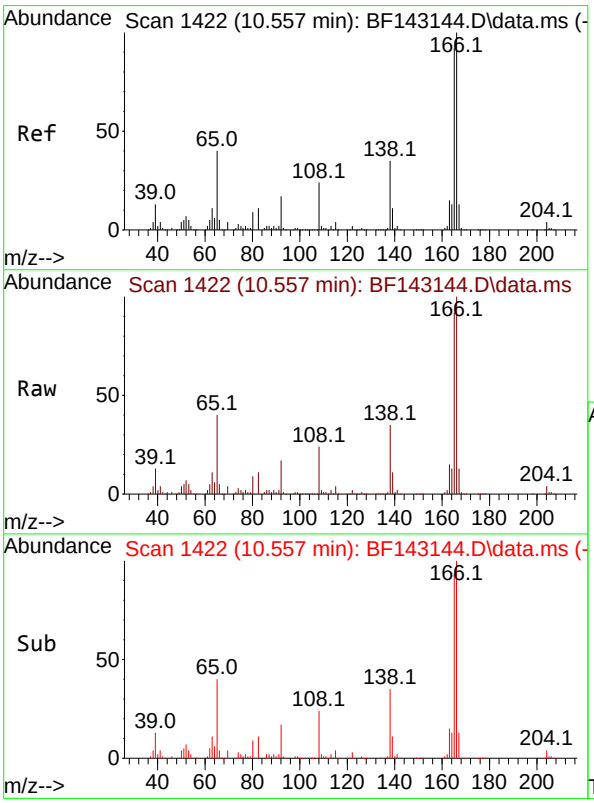
#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 406477

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	58.7	47.0	70.4

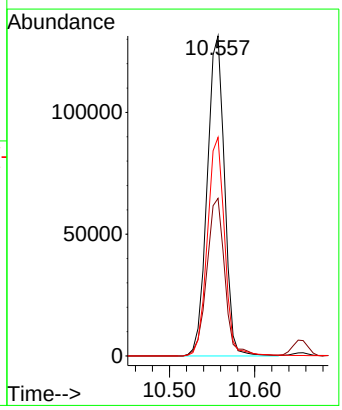


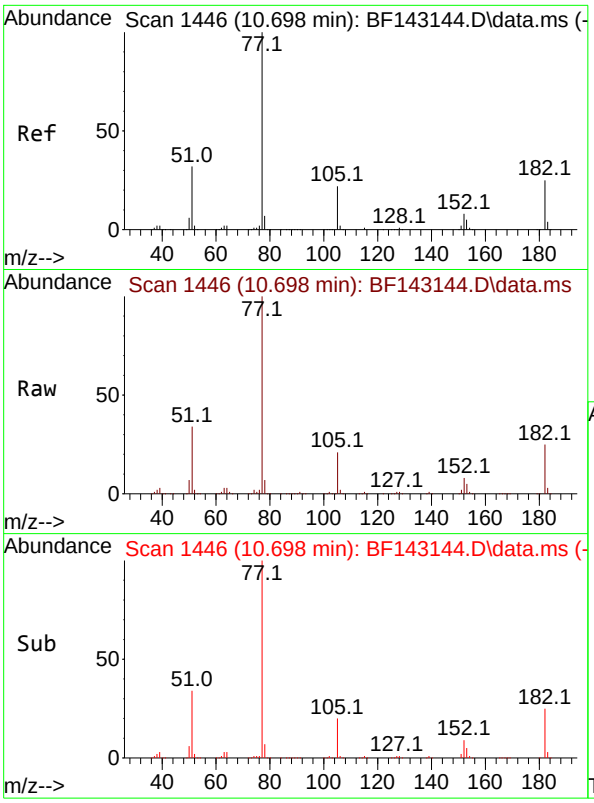


#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 185530

Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	68.3	48.3	88.3



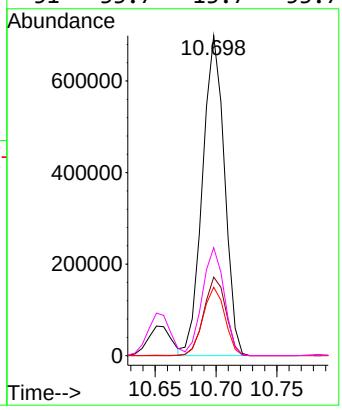


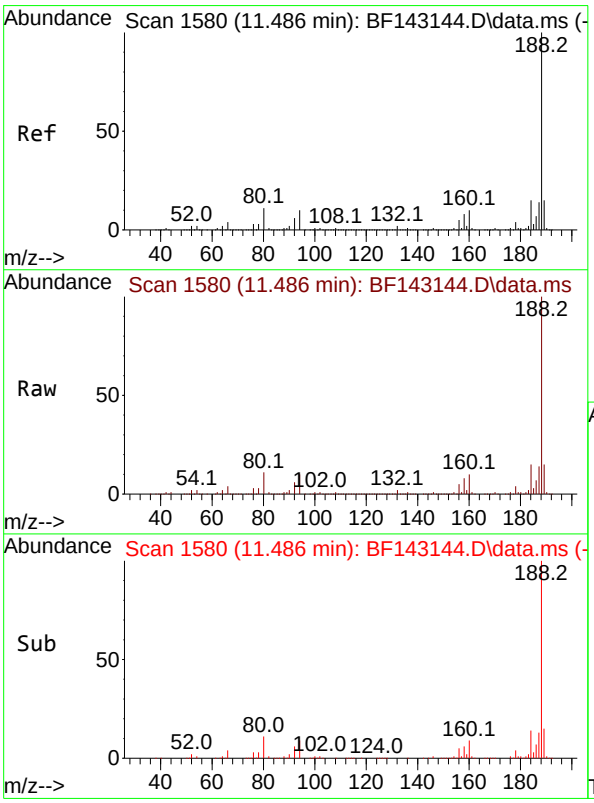
#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 876387

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.4	1.4	41.4
51	33.7	13.7	53.7

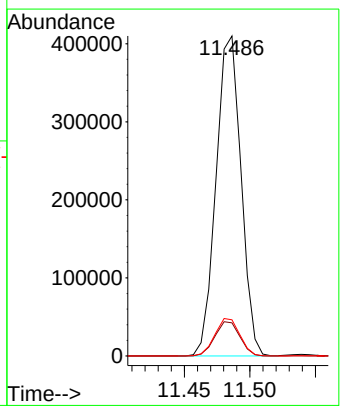


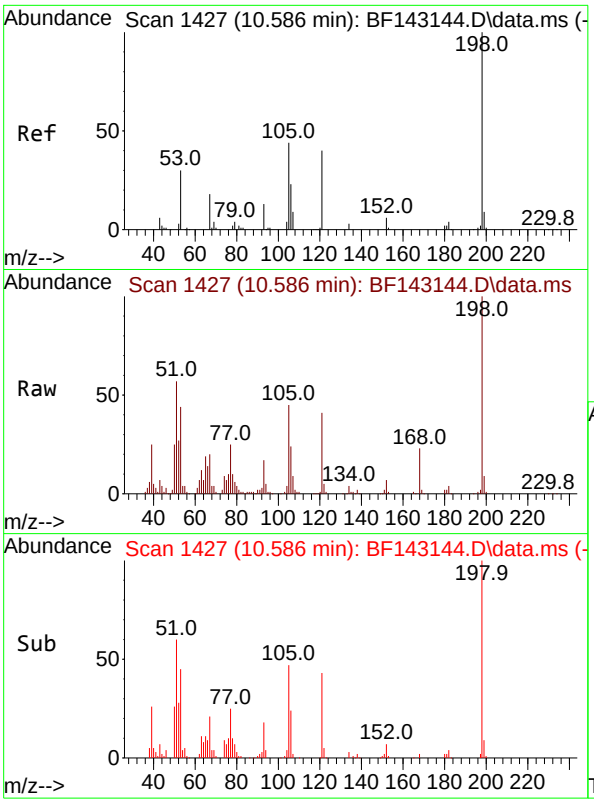


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:188 Resp: 542726

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.3	9.0	13.6



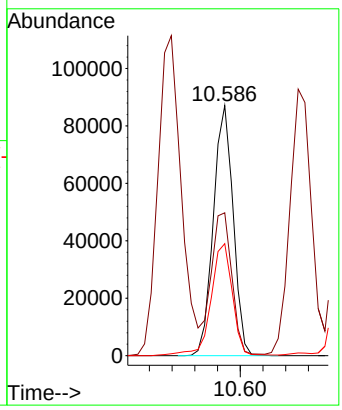


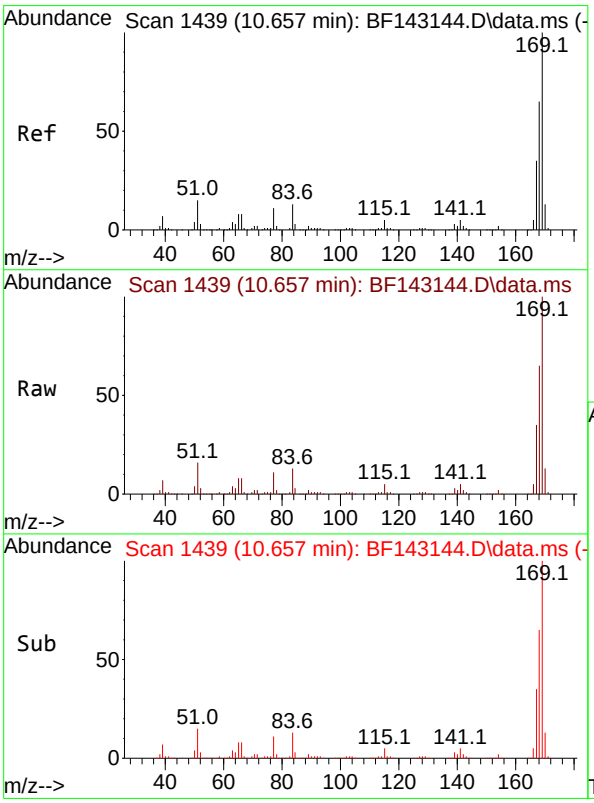
#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 105533

Ion	Ratio	Lower	Upper
198	100		
51	57.2	37.2	77.2
105	44.8	24.8	64.8

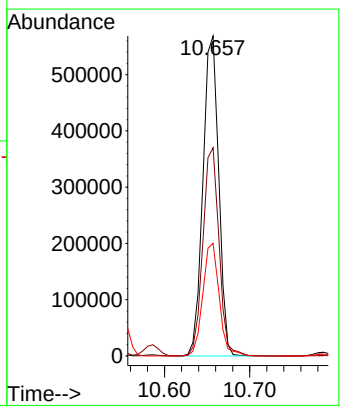


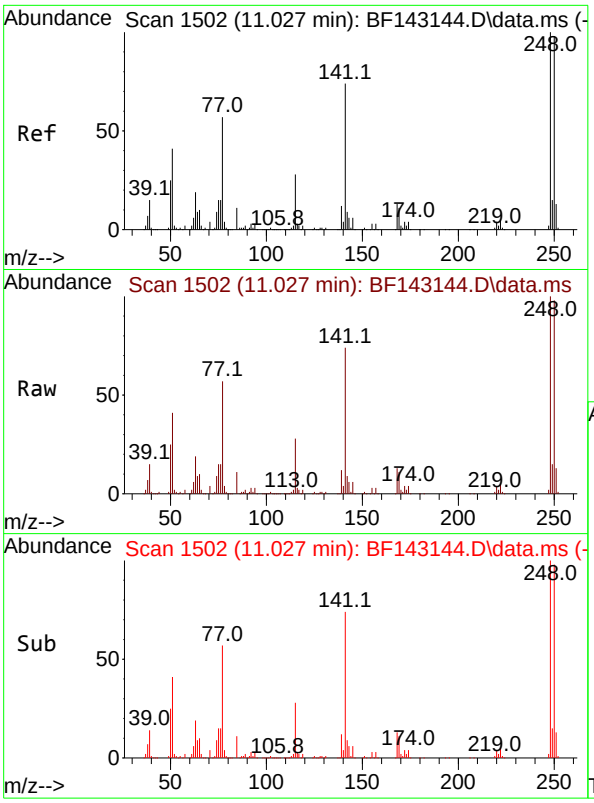


#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:169 Resp: 731532

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.2	28.2	42.2



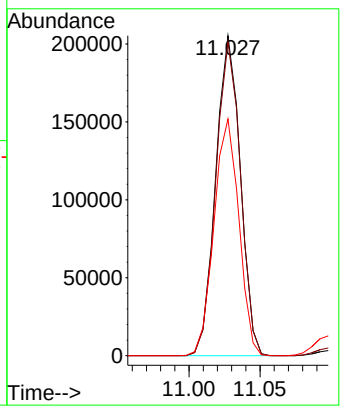


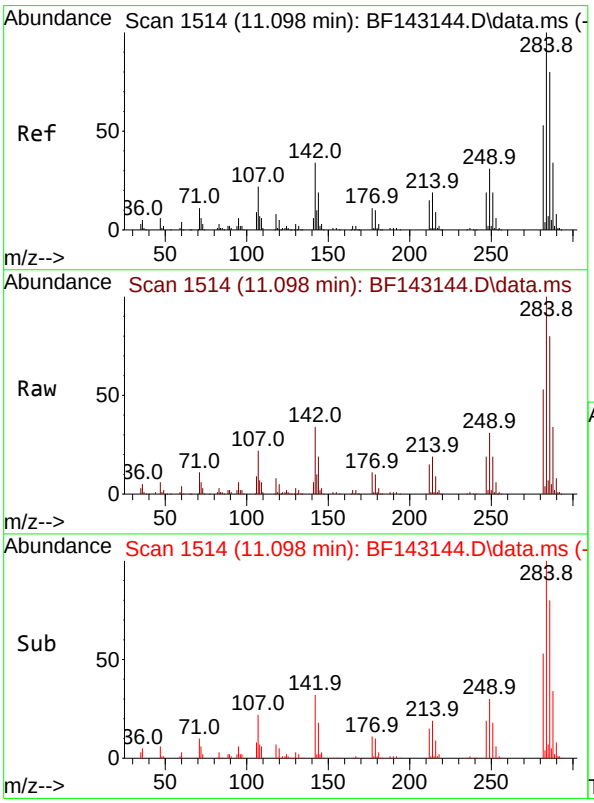
#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 247764

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	74.0	59.2	88.8

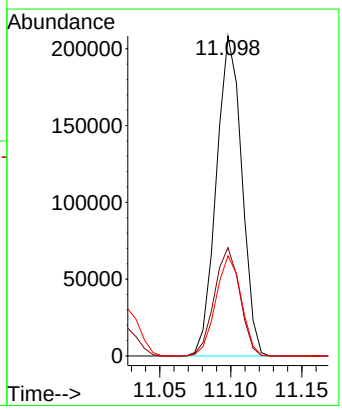


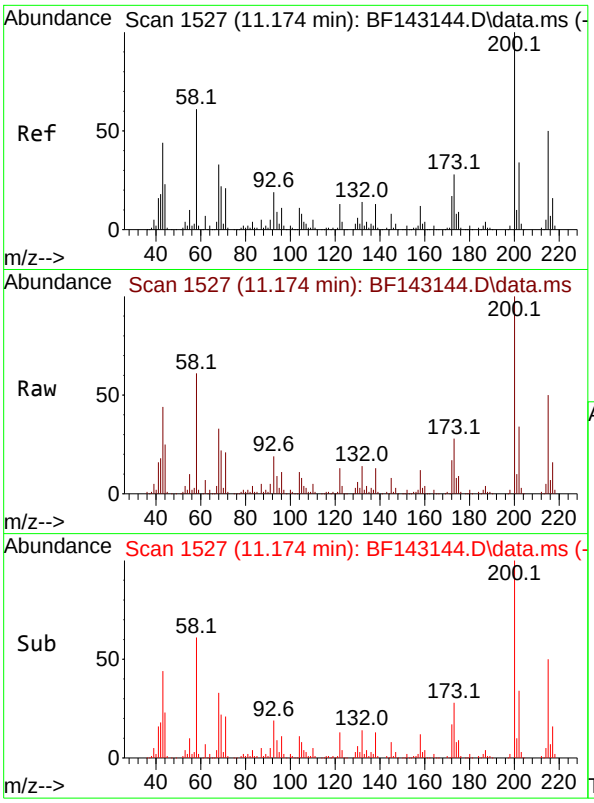


#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:284 Resp: 259758

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	31.3	25.0	37.6



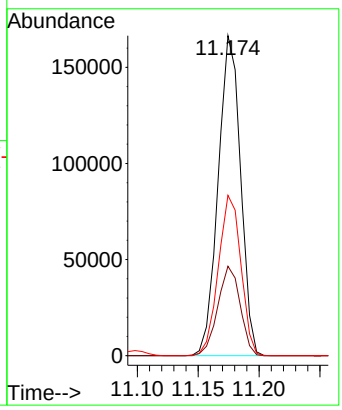


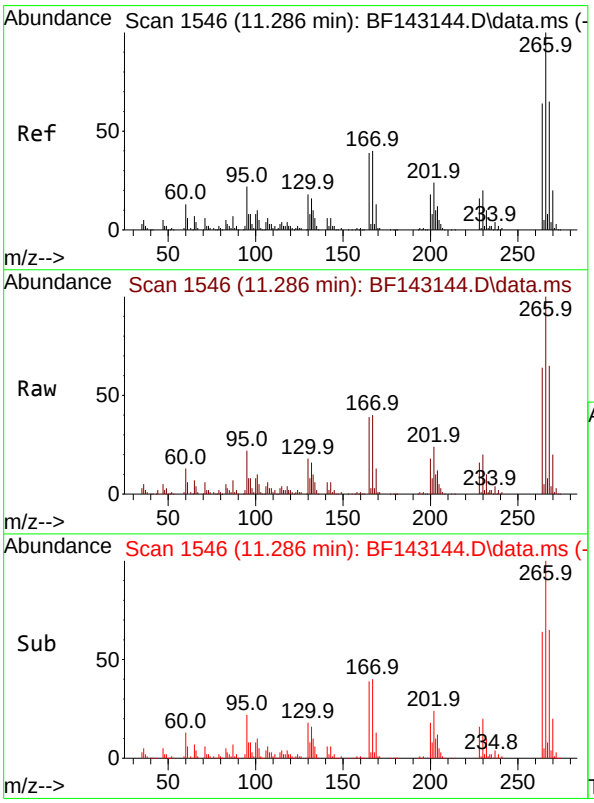
#69
Atrazine
Concen: 40.421 ng
RT: 11.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 212970

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.1	30.1	70.1

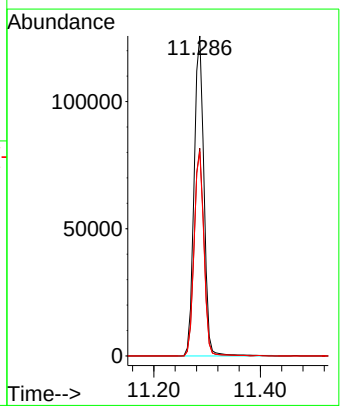


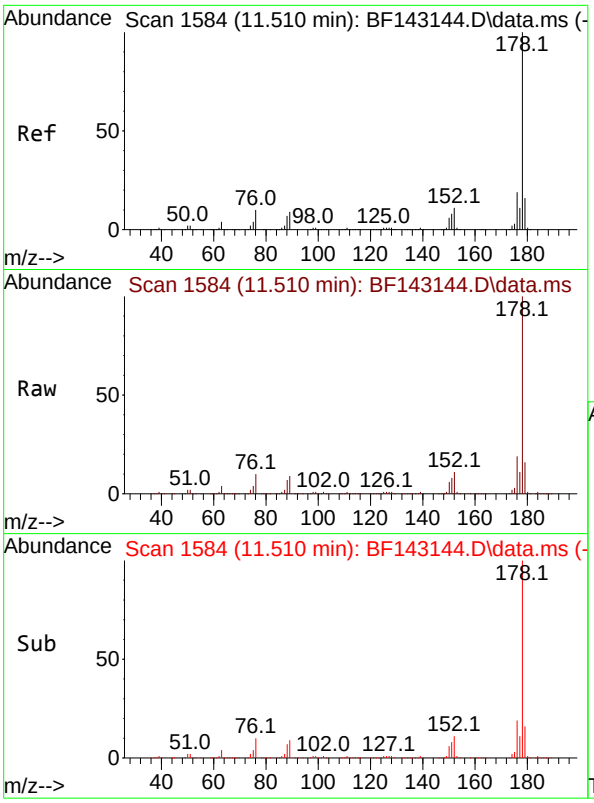


#70
Pentachlorophenol
Concen: 40.500 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:266 Resp: 161013

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	63.8	51.0	76.6



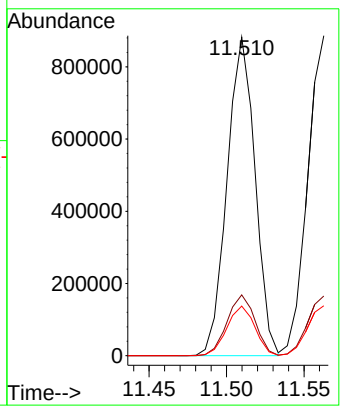


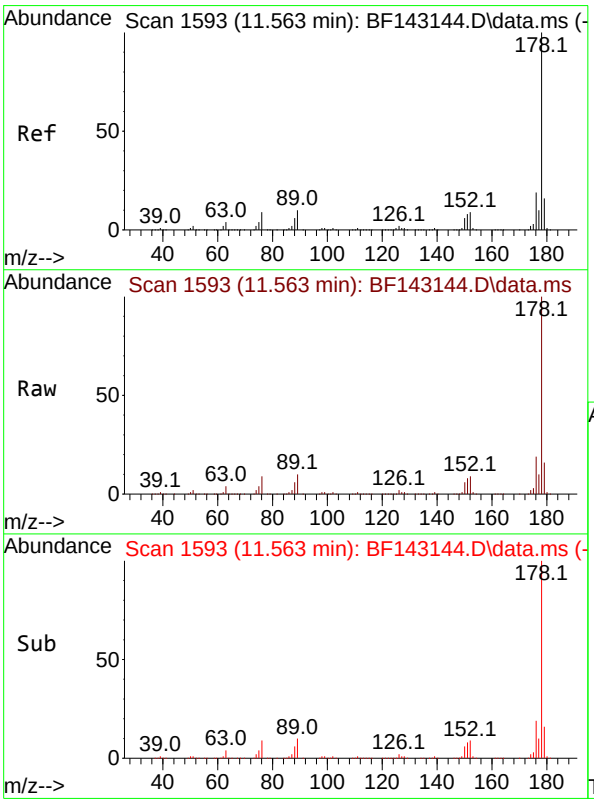
#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 1107412

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7

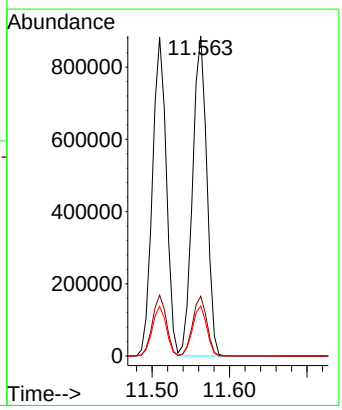


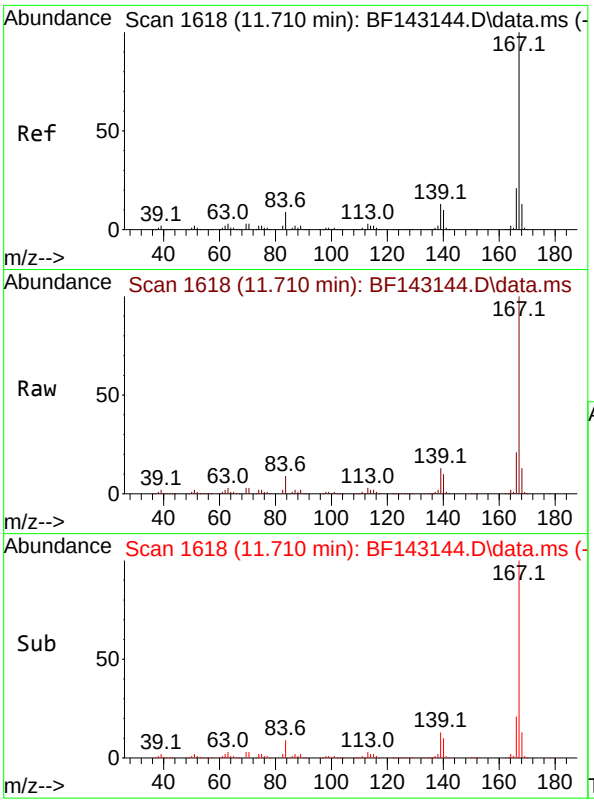


#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 1126710

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7



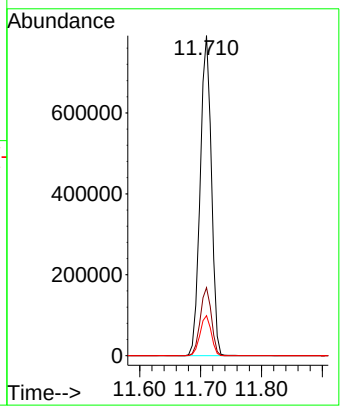


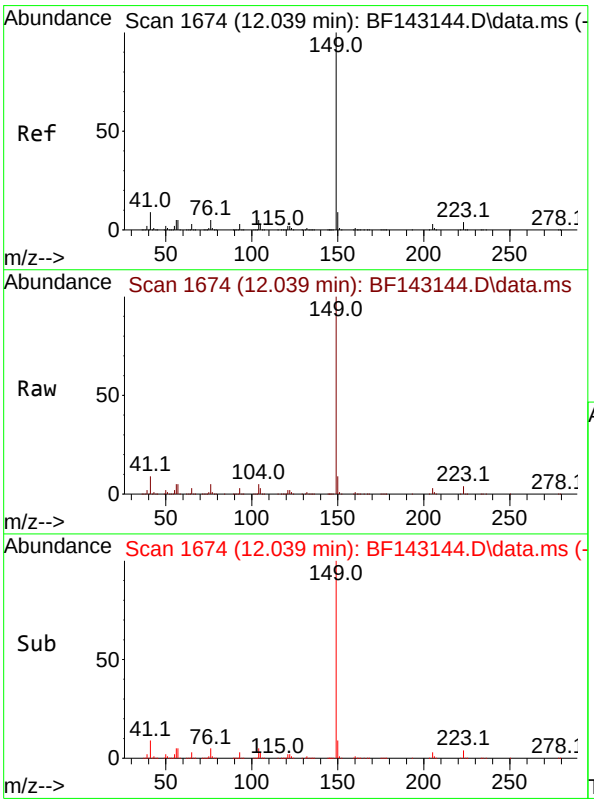
#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 1008669

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.5	10.0	15.0

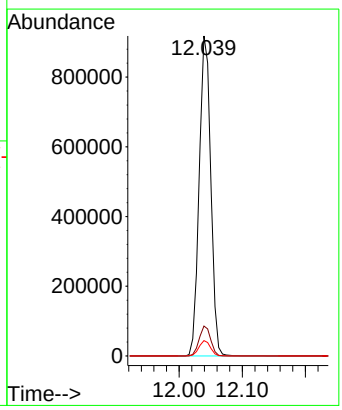


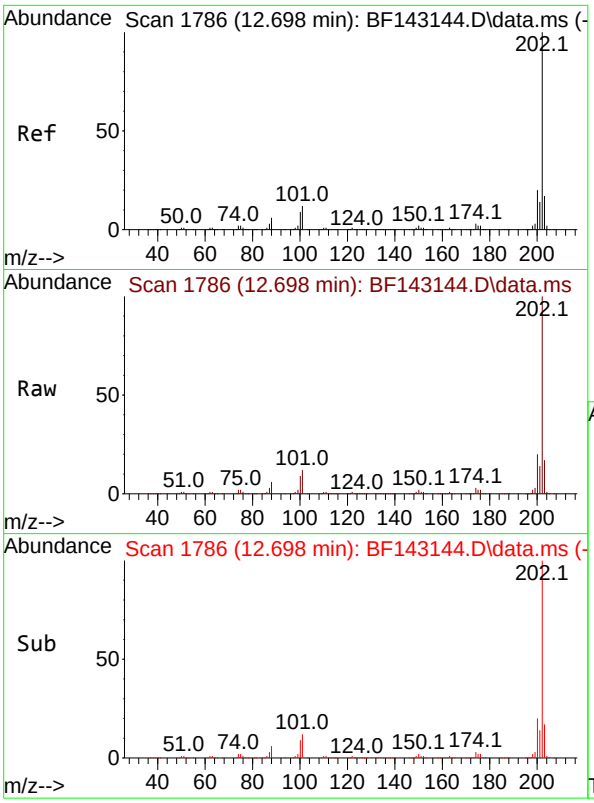


#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 1165443

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.8	5.8



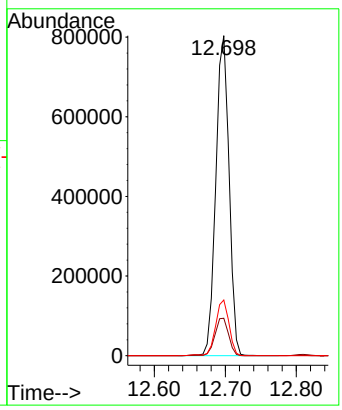


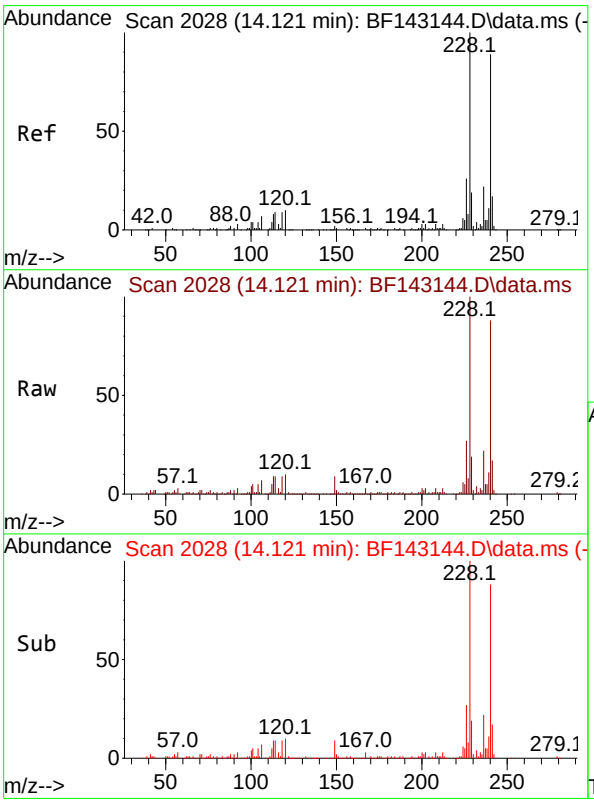
#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 1034509

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.4	0.0	37.4

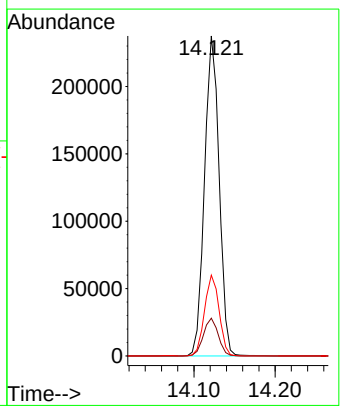


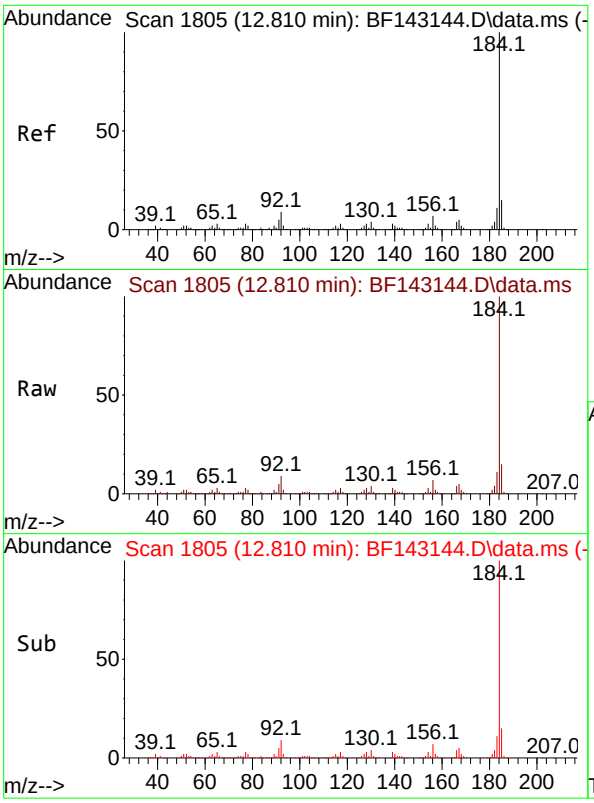


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:240 Resp: 296414

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	25.3	20.2	30.4



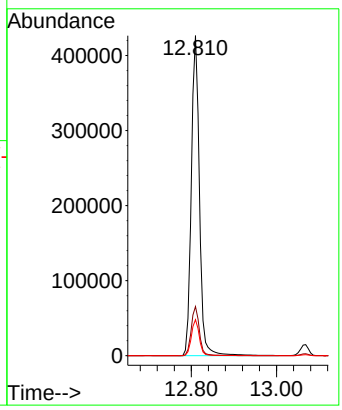


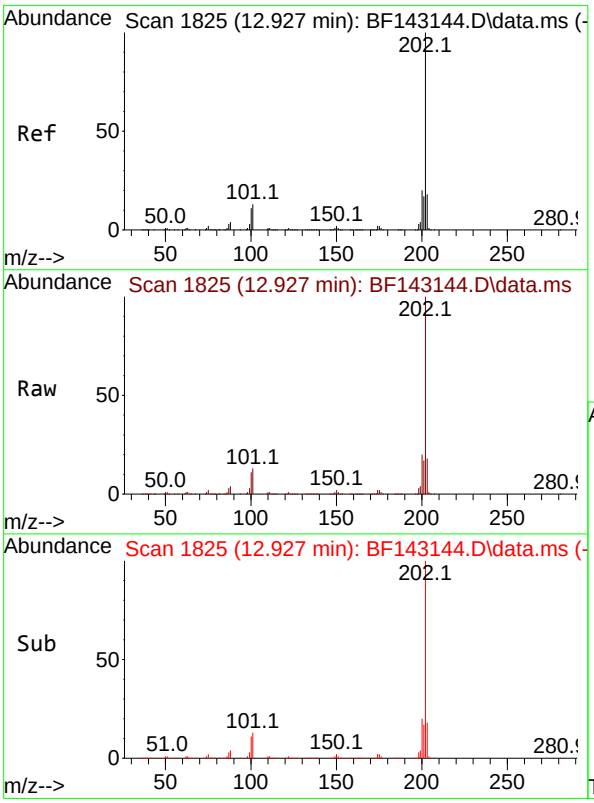
#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 564732

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4

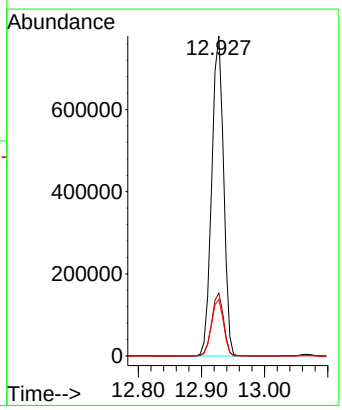


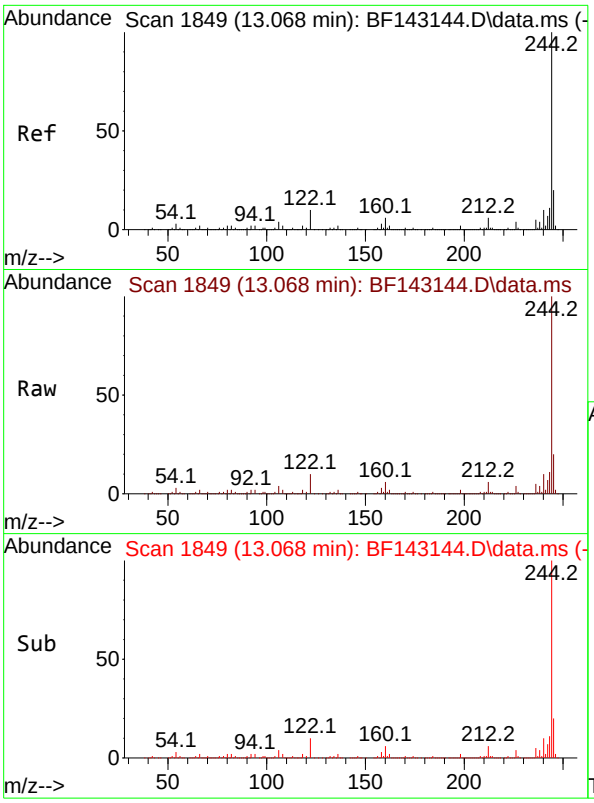


#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.7	14.2	21.2



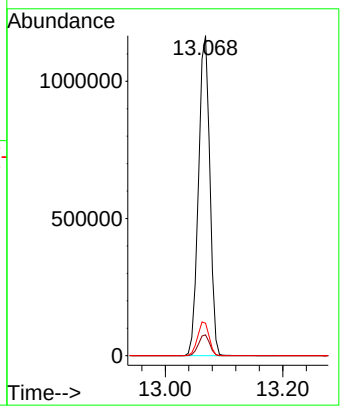


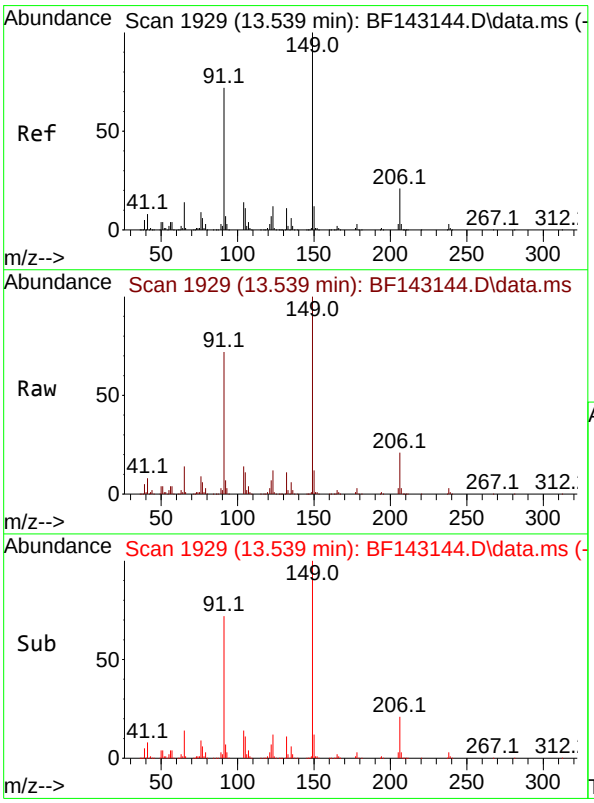
#79
Terphenyl-d14
Concen: 78.063 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 1554923

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.2	8.2	12.2

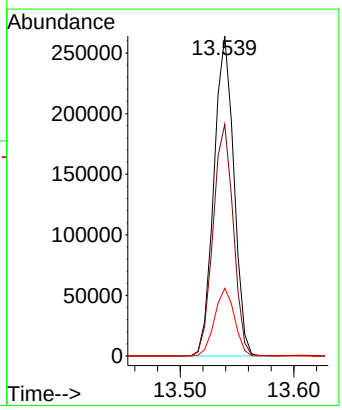


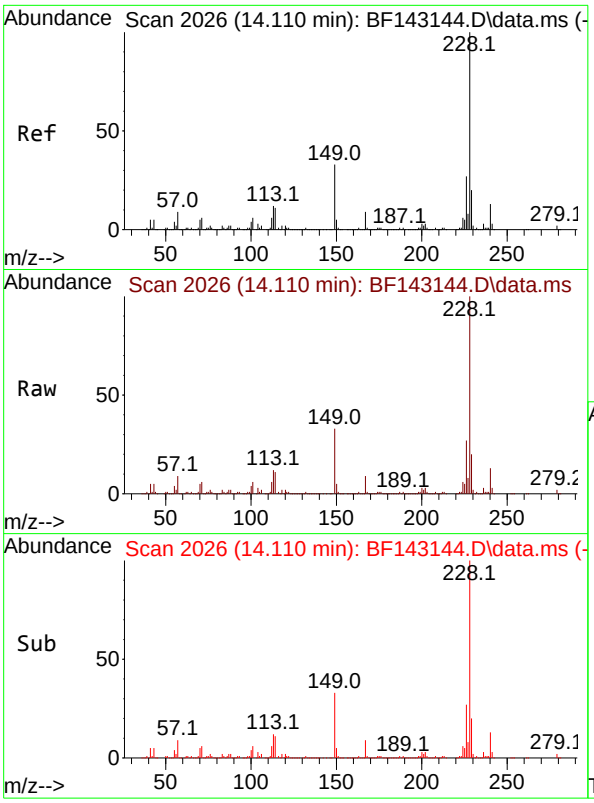


#80
Butylbenzylphthalate
Concen: 41.603 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 322273

Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.9	86.9
206	21.2	17.0	25.4



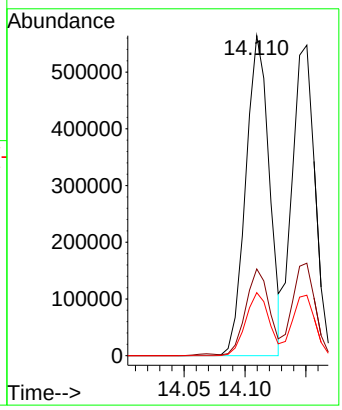


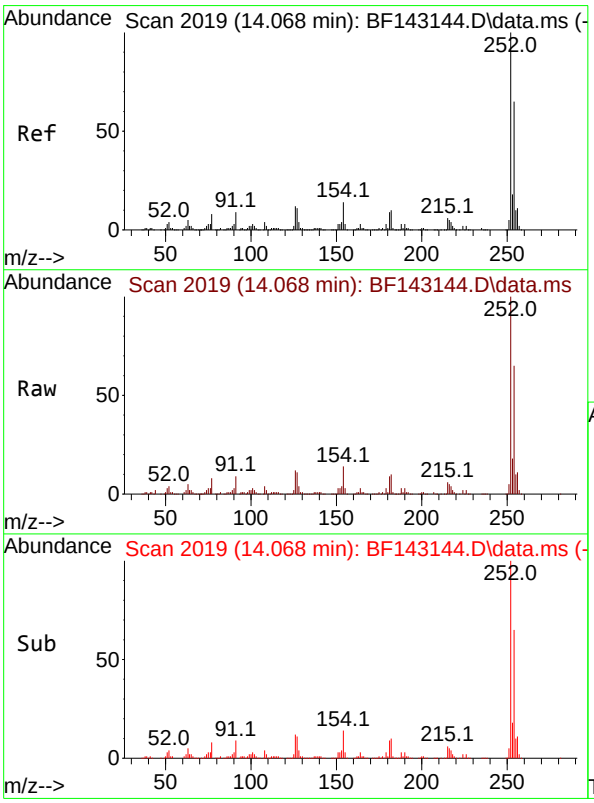
#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 759726

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.7	15.8	23.6

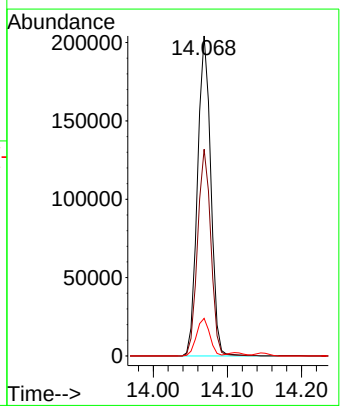


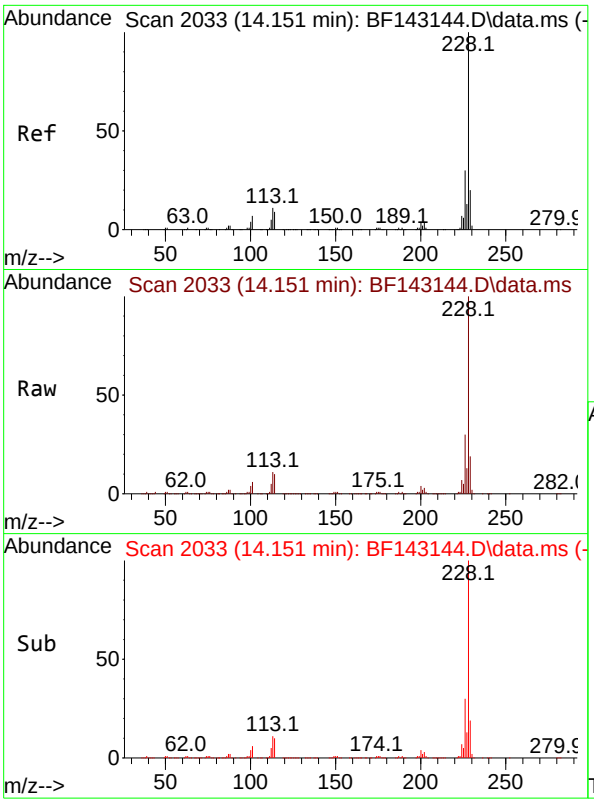


#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 254099

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.7	9.4	14.0



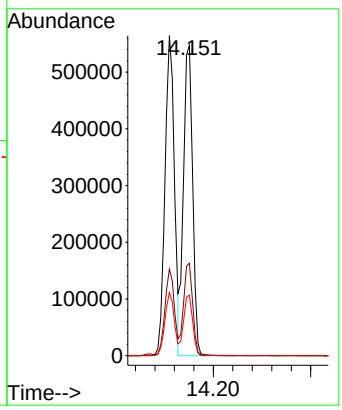


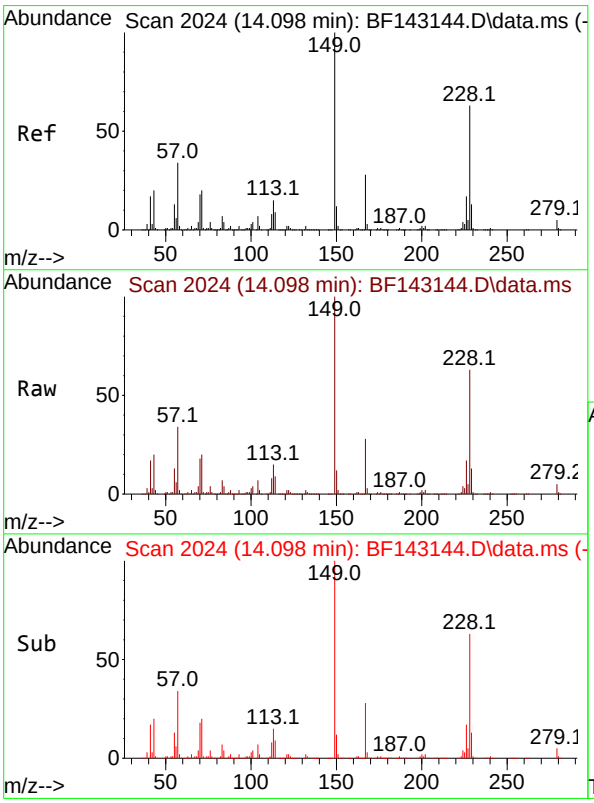
#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 715222

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.6	23.4

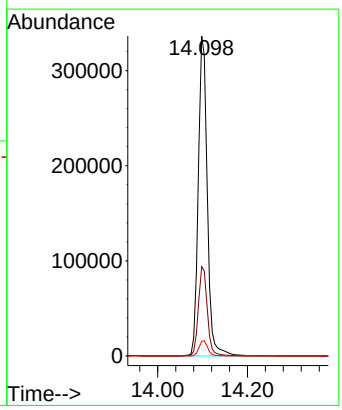


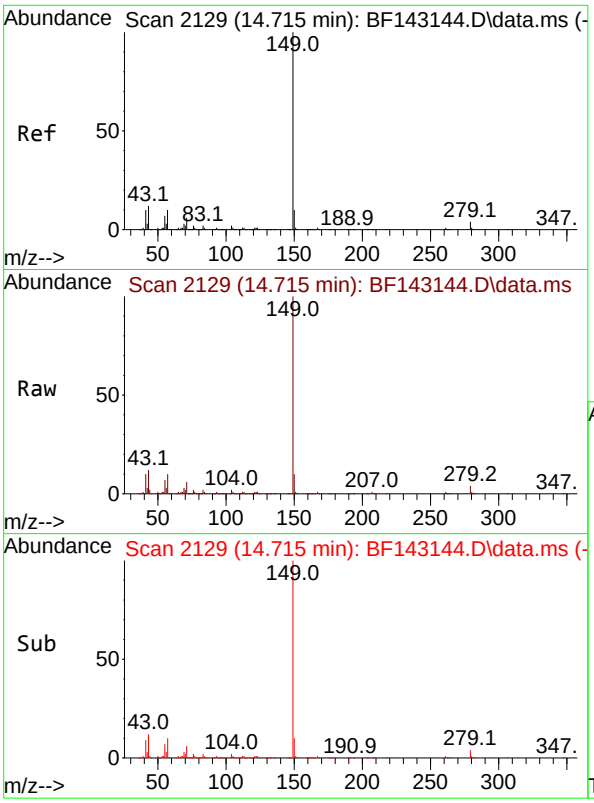


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 467892

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.5	3.6	5.4



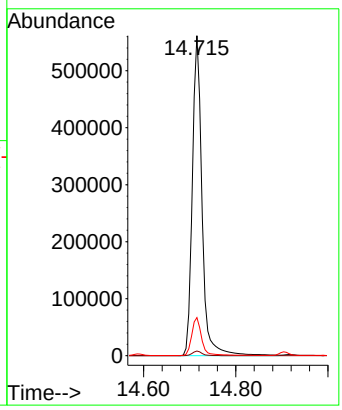


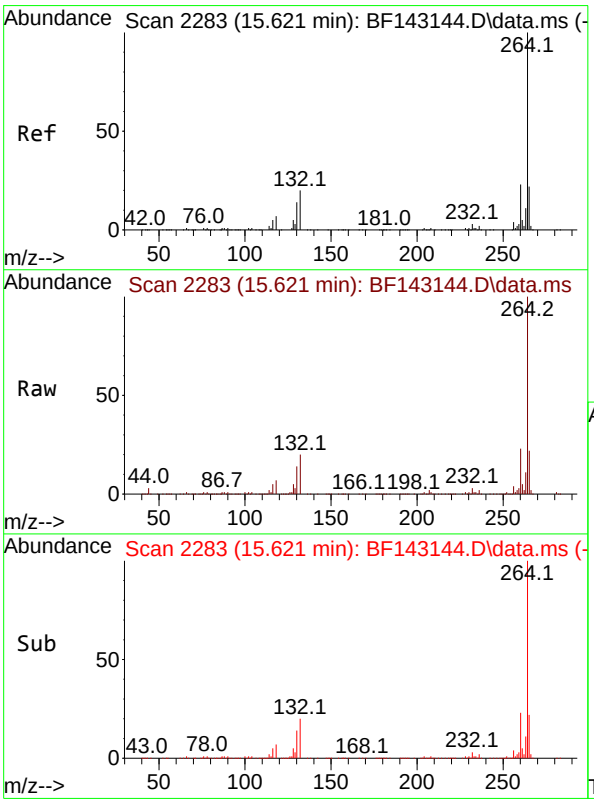
#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 820264

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	12.1	9.7	14.5

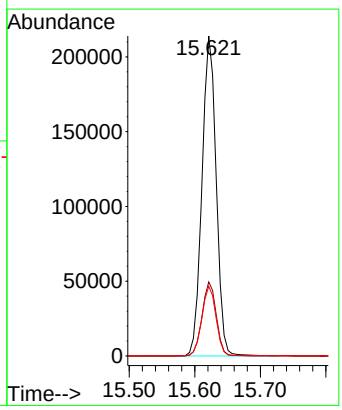


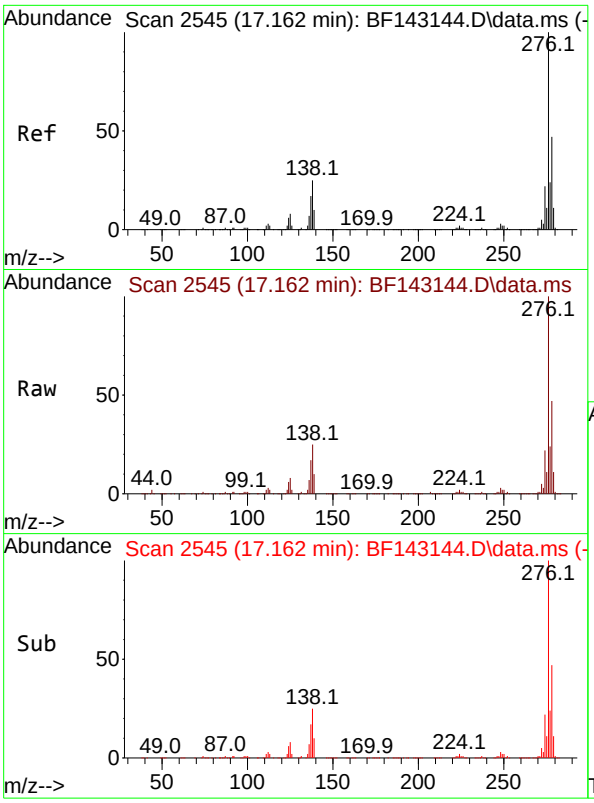


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:264 Resp: 323574

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.8	17.4	26.2



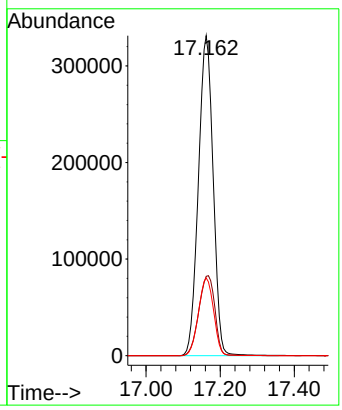


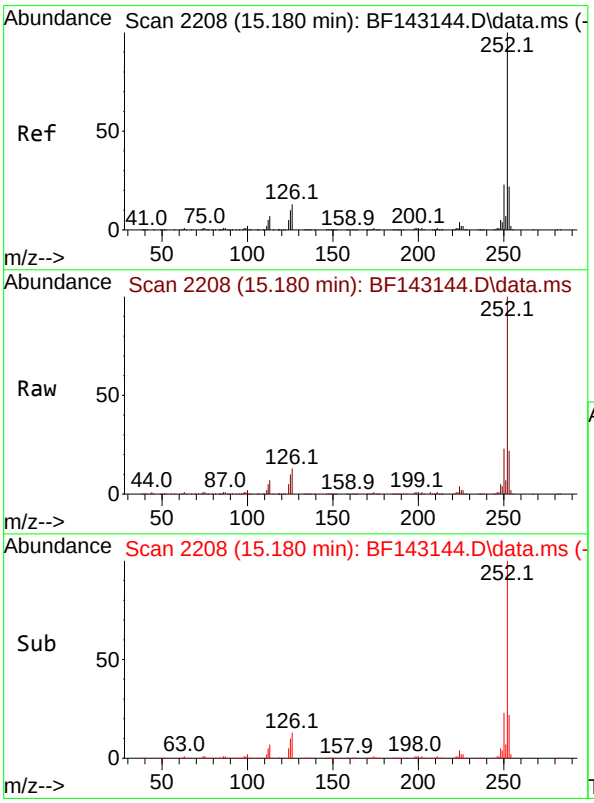
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 914626

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.0	20.0	30.0

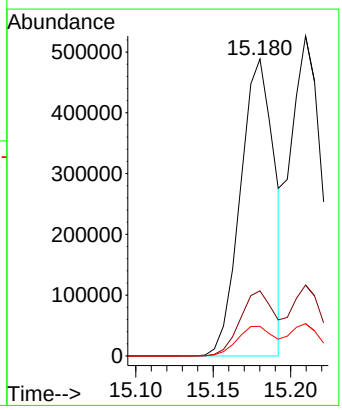


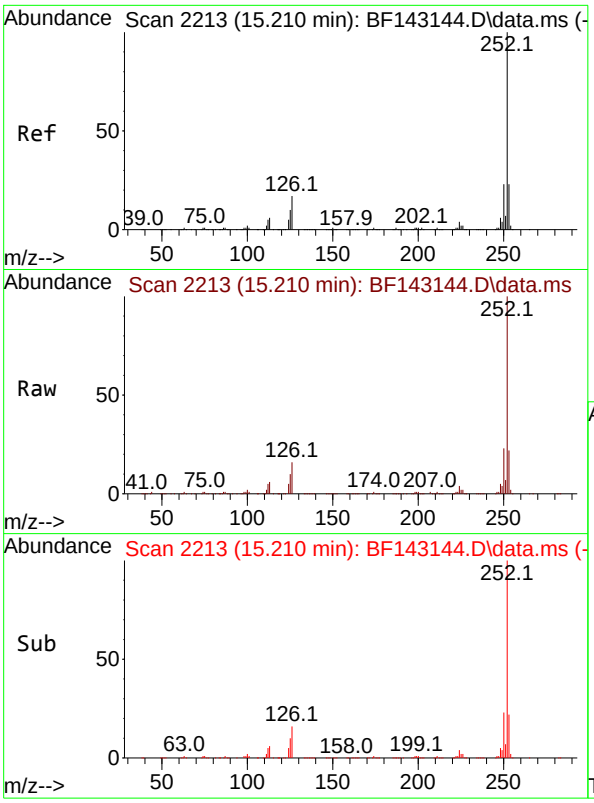


#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.0	8.0	12.0



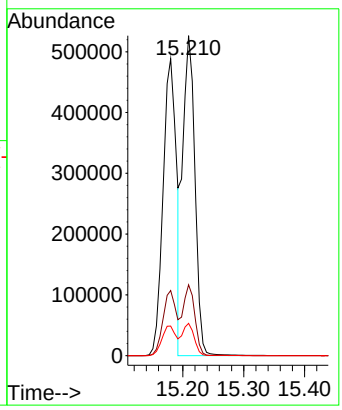


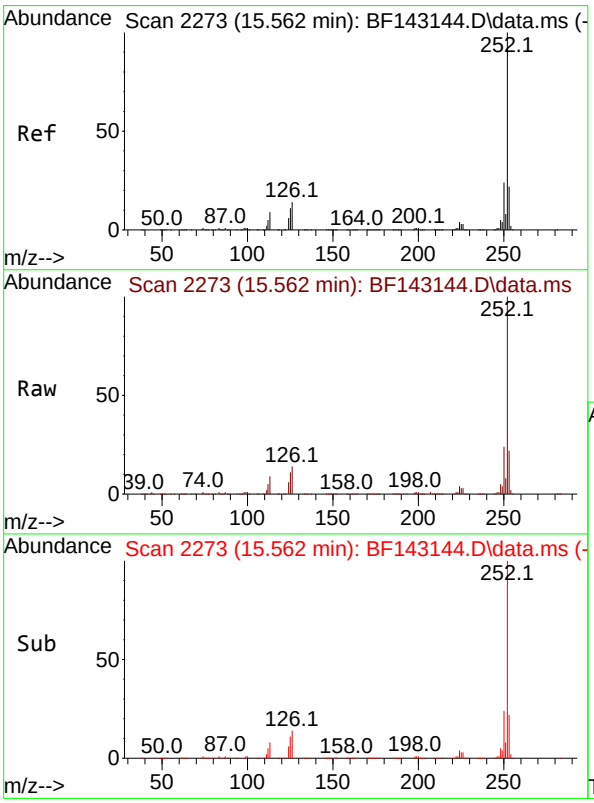
#89
Benzo(k)fluoranthene
Concen: 41.591 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 733635

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.1	8.1	12.1

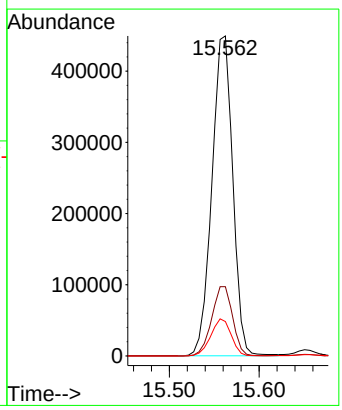


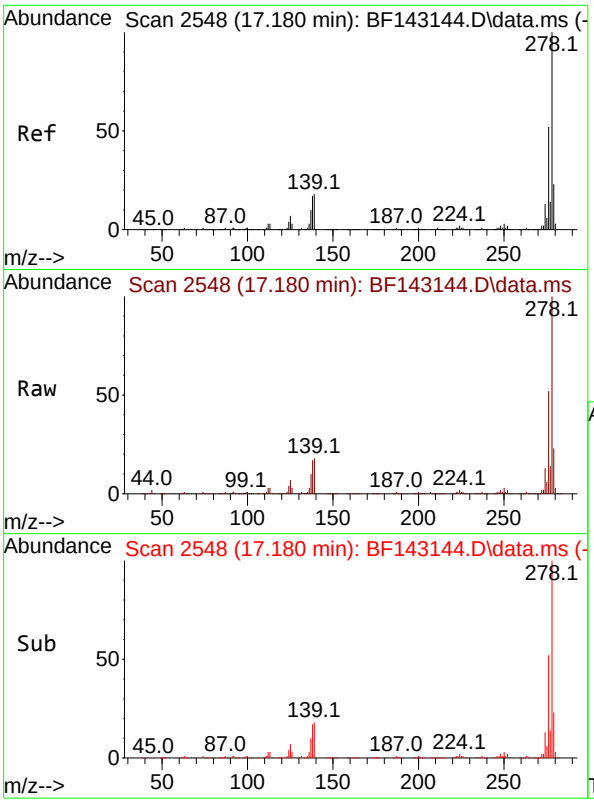


#90
Benzo(a)pyrene
Concen: 39.826 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 725344

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.8	8.6	13.0



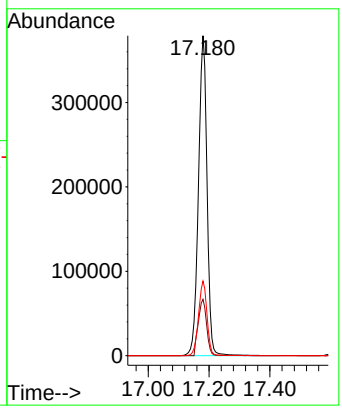


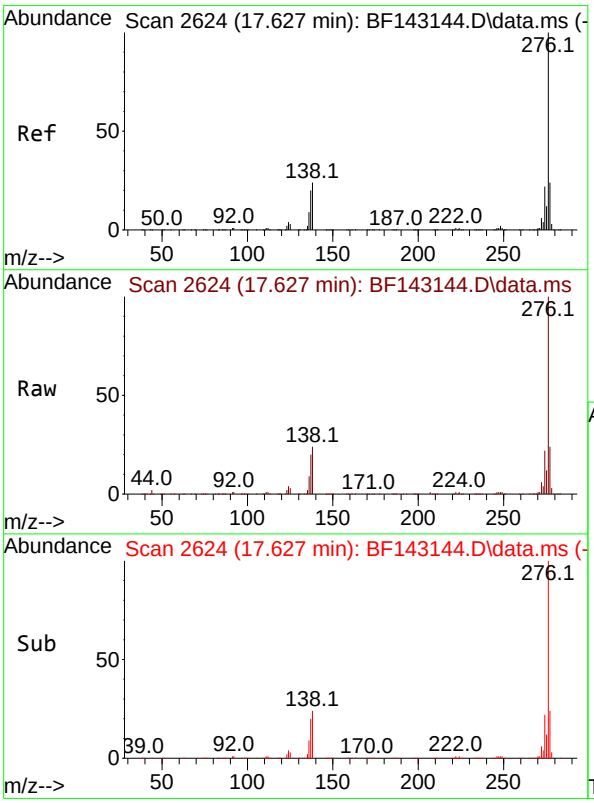
#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 742180

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.1	21.1
279	23.3	18.6	28.0

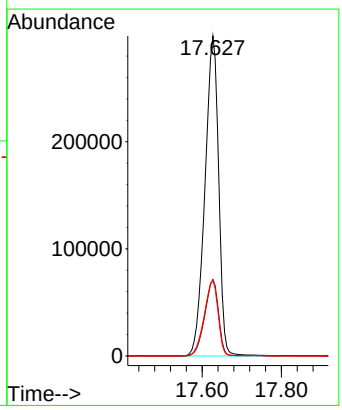




#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 717648

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.6	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	144385	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	555536	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	283657	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	447089	20.000	ng		0.00
76) Chrysene-d12	14.121	240	247878	20.000	ng		0.00
86) Perylene-d12	15.621	264	282289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	927268	101.629	ng		0.00
7) Phenol-d6	6.587	99	1178468	102.615	ng		0.00
23) Nitrobenzene-d5	7.528	82	1158494	103.949	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	309465	105.607	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2005894	96.712	ng		0.00
79) Terphenyl-d14	13.068	244	1663033	99.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	225749	52.289	ng		100
3) Pyridine	3.587	79	584060	52.122	ng		99
4) n-Nitrosodimethylamine	3.534	42	307202	53.098	ng		100
6) Aniline	6.628	93	827275	51.687	ng		100
8) 2-Chlorophenol	6.751	128	493989	51.652	ng		98
9) Benzaldehyde	6.516	77	509476	59.162	ng		99
10) Phenol	6.598	94	678372	54.222	ng		99
11) bis(2-Chloroethyl)ether	6.698	93	491371	51.295	ng		99
12) 1,3-Dichlorobenzene	6.910	146	529202	50.937	ng		99
13) 1,4-Dichlorobenzene	6.981	146	531696	50.818	ng		99
14) 1,2-Dichlorobenzene	7.134	146	510140	51.264	ng		100
15) Benzyl Alcohol	7.098	79	461379	52.616	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	908530	51.128	ng		99
17) 2-Methylphenol	7.204	107	418793	52.079	ng		100
18) Hexachloroethane	7.481	117	189394	52.289	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	369367	50.131	ng		99
20) 3+4-Methylphenols	7.363	107	506069	51.870	ng	#	89
22) Acetophenone	7.369	105	661017	50.258	ng		98
24) Nitrobenzene	7.545	77	538666	51.843	ng		100
25) Isophorone	7.786	82	1018783	51.783	ng		99
26) 2-Nitrophenol	7.857	139	252169	55.920	ng		98
27) 2,4-Dimethylphenol	7.892	122	469819	51.112	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	597241	50.631	ng		100
29) 2,4-Dichlorophenol	8.098	162	401336	51.773	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	420763	50.242	ng		99
31) Naphthalene	8.269	128	1369627	50.060	ng		100
32) Benzoic acid	7.998	122	263494	50.647	ng		99
33) 4-Chloroaniline	8.310	127	566422	50.703	ng		99
34) Hexachlorobutadiene	8.392	225	260787	50.976	ng		99
35) Caprolactam	8.680	113	126050	53.811	ng		96
36) 4-Chloro-3-methylphenol	8.786	107	431745	51.242	ng		98
37) 2-Methylnaphthalene	8.957	142	837820	50.324	ng		100
38) 1-Methylnaphthalene	9.057	142	862300	50.298	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	412916	50.420	ng		100
41) Hexachlorocyclopentadiene	9.116	237	286805	53.823	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	304466	53.718	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	100
50) Dimethylphthalate	9.716	163	939863	50.832	ng	100
51) 2,6-Dinitrotoluene	9.775	165	205147	54.541	ng	98
52) Acenaphthene	10.033	154	818783	50.481	ng	100
53) 3-Nitroaniline	9.945	138	236959	53.861	ng	99
54) 2,4-Dinitrophenol	10.045	184	81983	50.750	ng	98
55) Dibenzofuran	10.204	168	1204088	50.001	ng	99
56) 4-Nitrophenol	10.086	139	177408	54.001	ng	98
57) 2,4-Dinitrotoluene	10.180	165	264045	55.954	ng	95
58) Fluorene	10.551	166	891646	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	248745	52.965	ng	100
60) Diethylphthalate	10.416	149	942625	51.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	449168	49.911	ng	99
62) 4-Nitroaniline	10.557	138	205210	54.424	ng	99
63) Azobenzene	10.698	77	966931	50.766	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	122876	51.927	ng	100
66) n-Nitrosodiphenylamine	10.657	169	811422	51.540	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	275679	51.741	ng	98
68) Hexachlorobenzene	11.098	284	288405	51.788	ng	100
69) Atrazine	11.180	200	232907	53.662	ng	99
70) Pentachlorophenol	11.286	266	178753	54.581	ng	99
71) Phenanthrene	11.510	178	1194582	50.321	ng	100
72) Anthracene	11.563	178	1223920	50.552	ng	100
73) Carbazole	11.710	167	1076803	50.934	ng	100
74) Di-n-butylphthalate	12.045	149	1250841	52.290	ng	100
75) Fluoranthene	12.698	202	1093890	50.203	ng	100
77) Benzidine	12.810	184	431944	45.229	ng	100
78) Pyrene	12.927	202	1078520	50.982	ng	100
80) Butylbenzylphthalate	13.539	149	360698	55.681	ng	98
81) Benzo(a)anthracene	14.110	228	880975	53.085	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	294836	53.305	ng	99
83) Chrysene	14.151	228	754953	50.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	534128	54.475	ng	100
85) Di-n-octyl phthalate	14.715	149	960309	54.032	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	1061877	53.347	ng	99
88) Benzo(b)fluoranthene	15.180	252	953990	55.319	ng	100
89) Benzo(k)fluoranthene	15.209	252	754417	49.024	ng	99
90) Benzo(a)pyrene	15.562	252	840968	52.928	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	861467	53.172	ng	99
92) Benzo(g,h,i)perylene	17.633	276	843865	53.845	ng	100

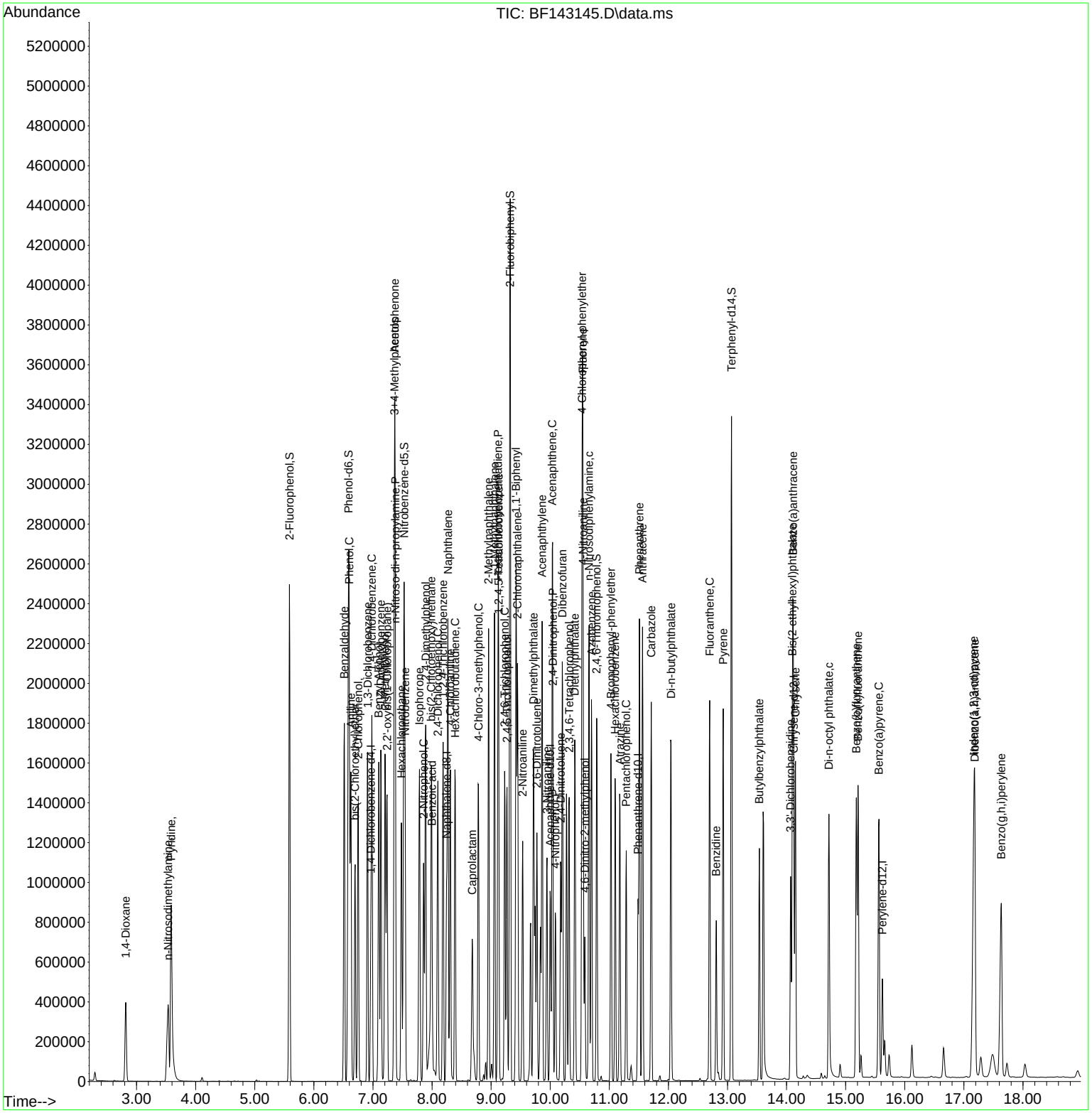
(#) = qualifier out of range (m) = manual integration (+) = signals summed

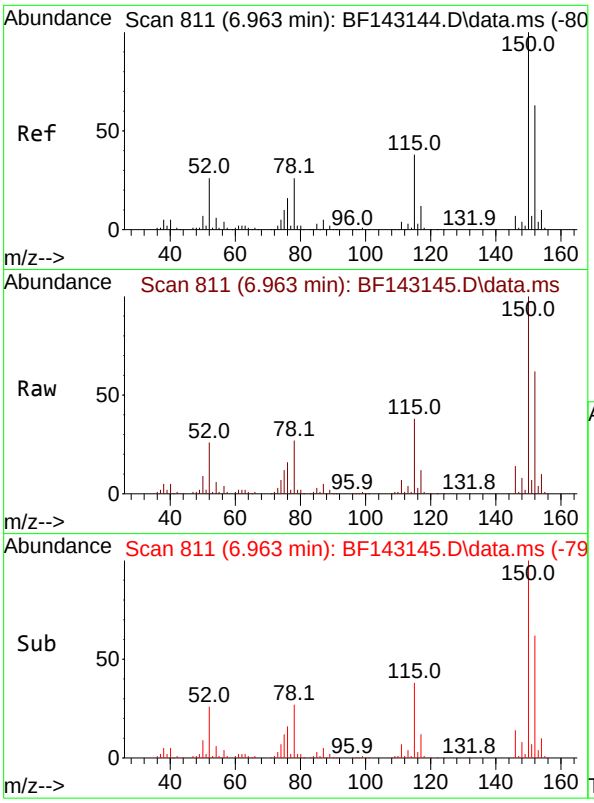
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



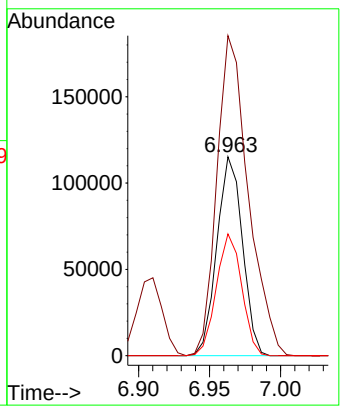


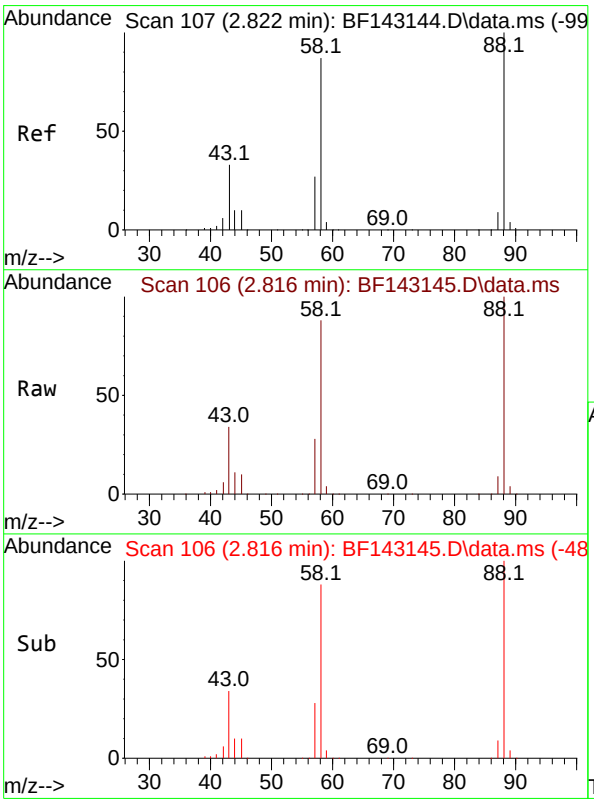
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 144385

Ion	Ratio	Lower	Upper
152	100		
150	160.9	128.2	192.4
115	61.2	47.9	71.9

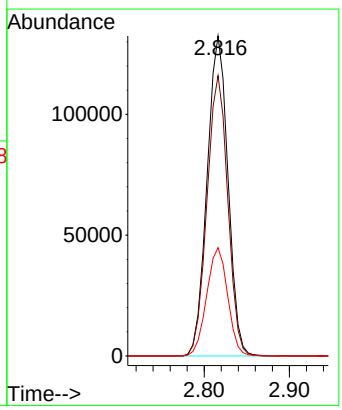


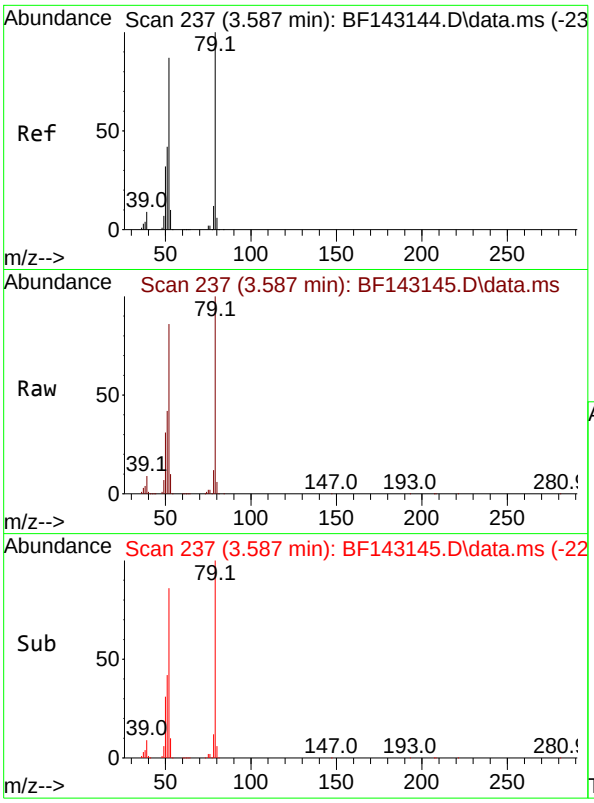


#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 88 Resp: 225749

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.2	105.2
43	34.0	27.1	40.7



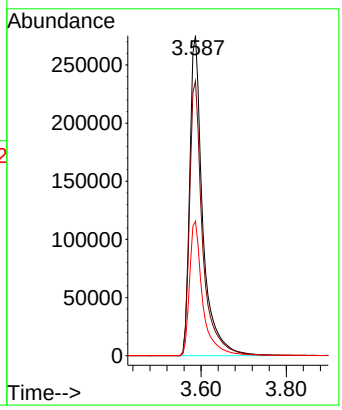


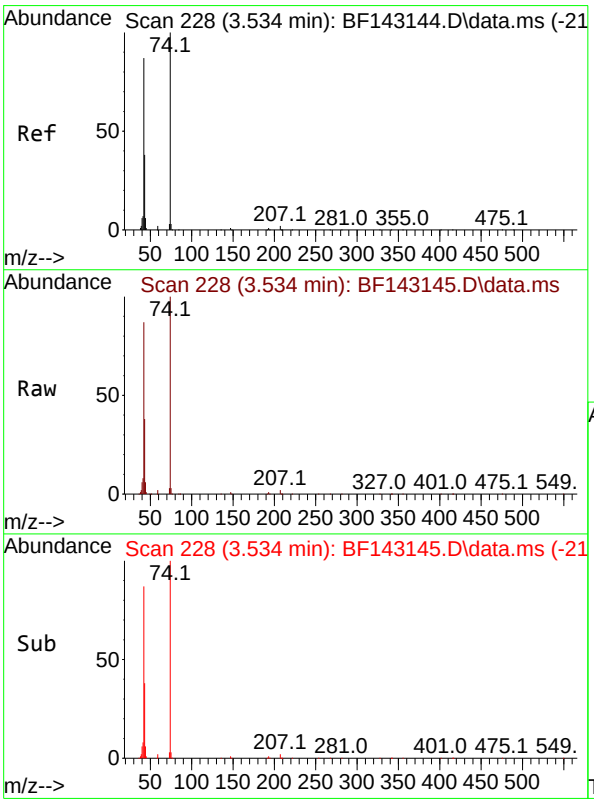
#3
Pyridine
Concen: 52.122 ng
RT: 3.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 584060

Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.4	104.2
51	42.0	33.5	50.3

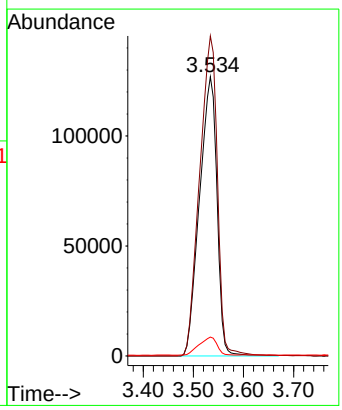


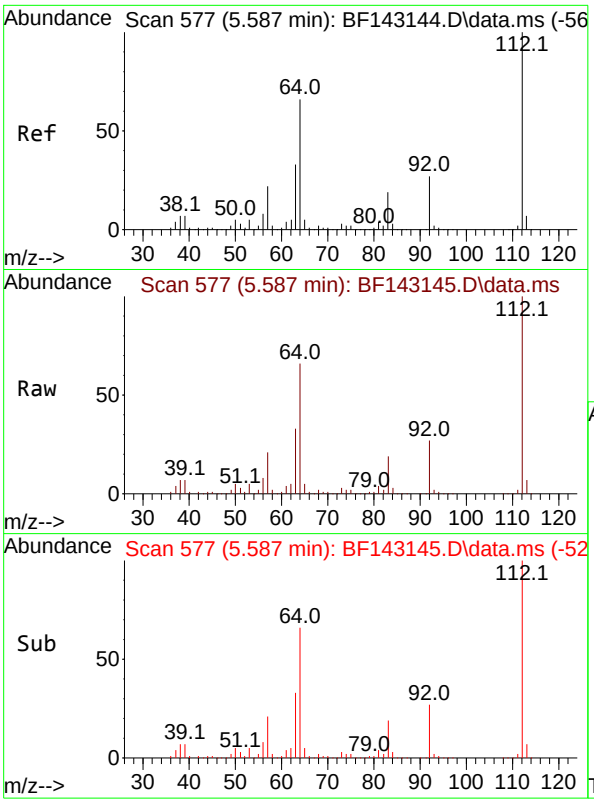


#4
n-Nitrosodimethylamine
Concen: 53.098 ng
RT: 3.534 min Scan# 228
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 42 Resp: 307202

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	6.8	5.6	8.4



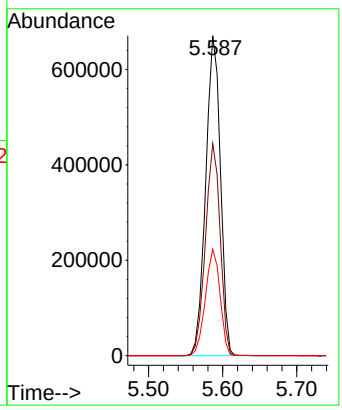


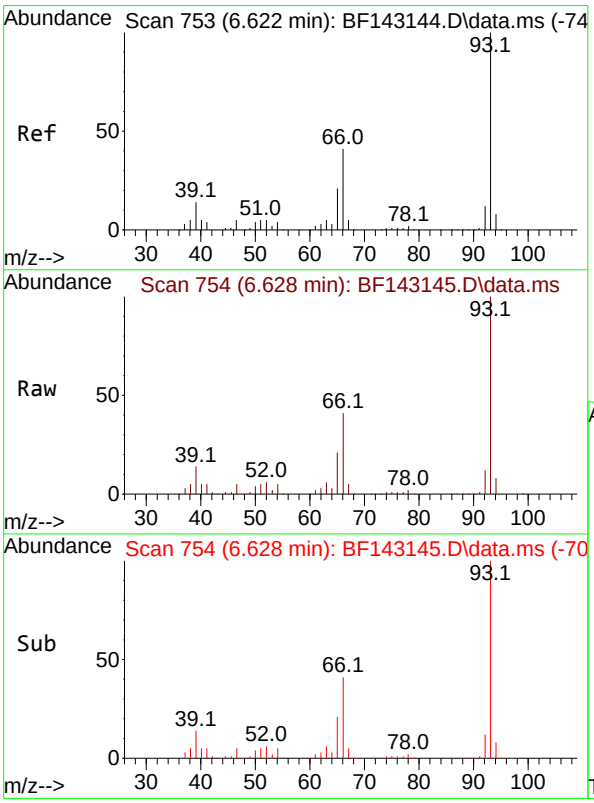
#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 927268

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	33.2	26.6	40.0

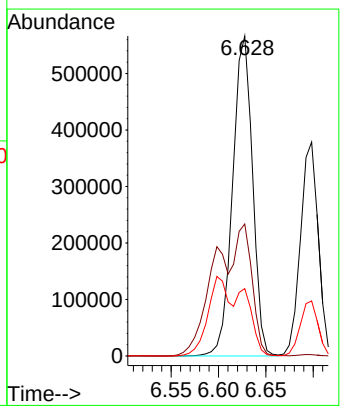


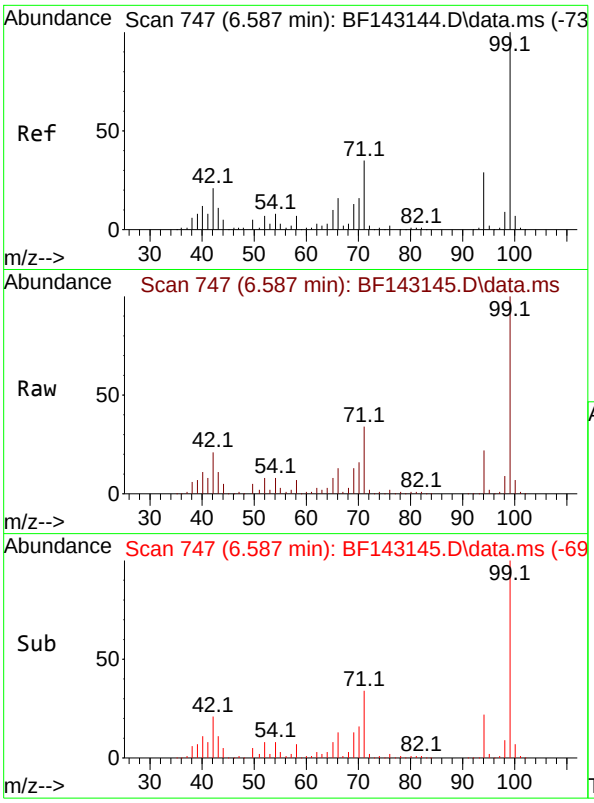


#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 827275

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.2	49.8
65	21.1	16.9	25.3



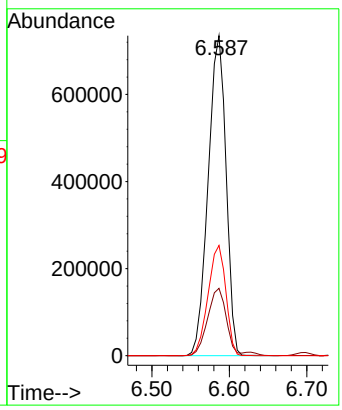


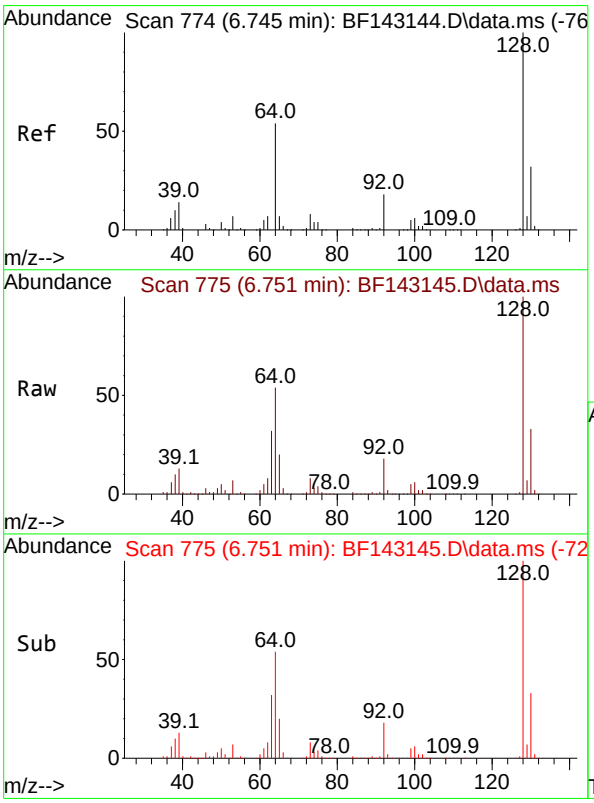
#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1178468

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	34.4	27.7	41.5

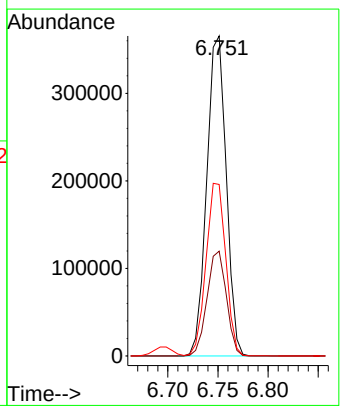


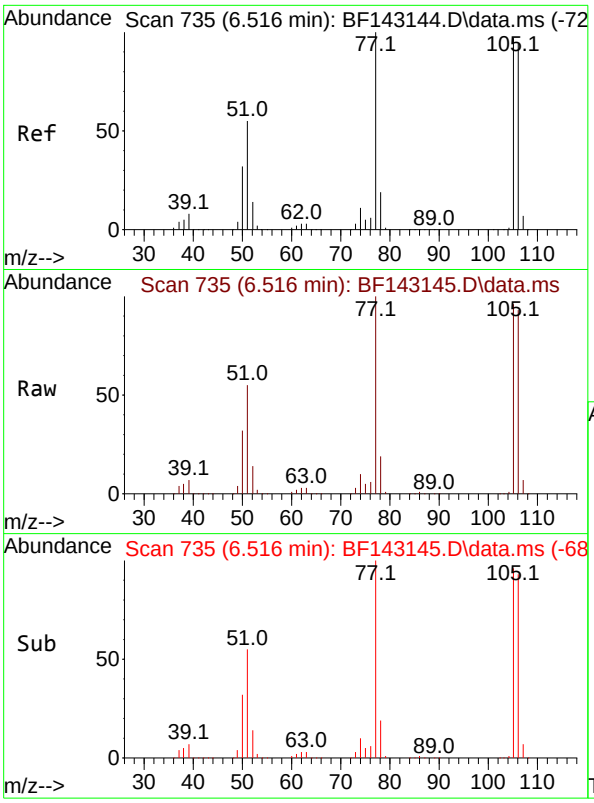


#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	53.6	35.9	75.9



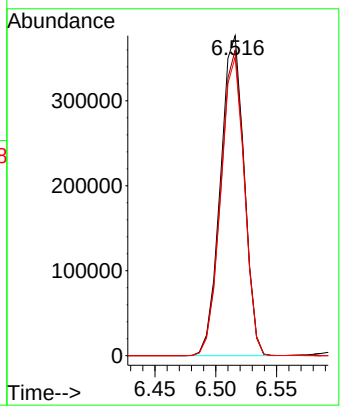


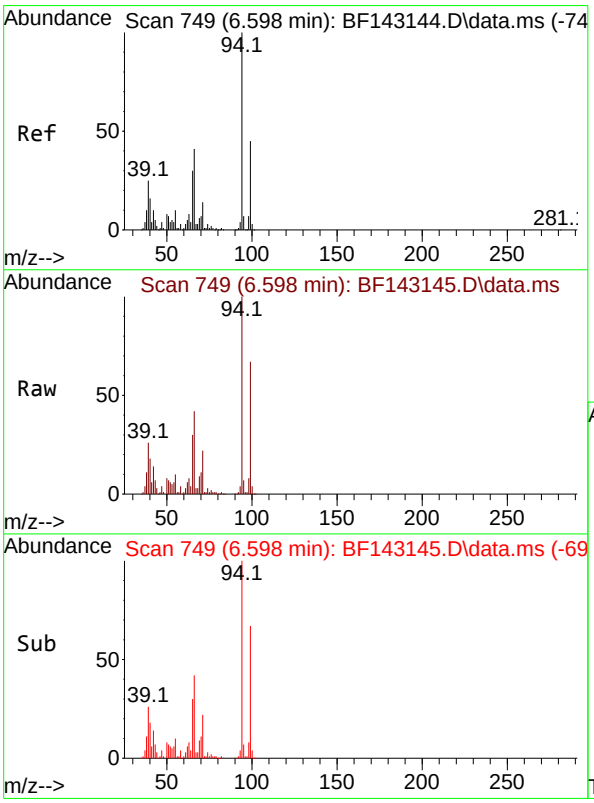
#9
Benzaldehyde
Concen: 59.162 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 509476

Ion	Ratio	Lower	Upper
77	100		
105	95.5	76.8	116.8
106	93.3	74.4	114.4

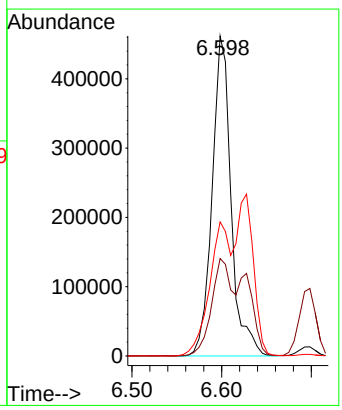


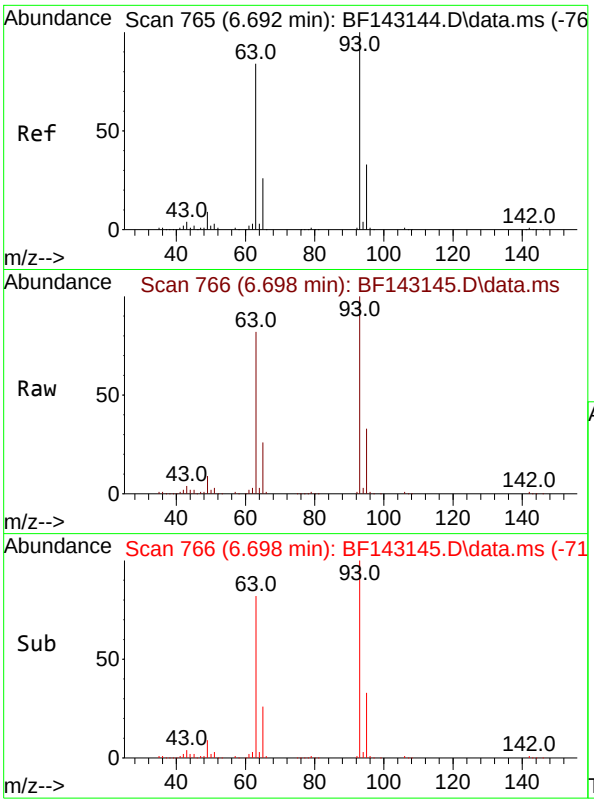


#10
Phenol
Concen: 54.222 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 94 Resp: 678372

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.0	50.0
66	41.9	20.8	60.8



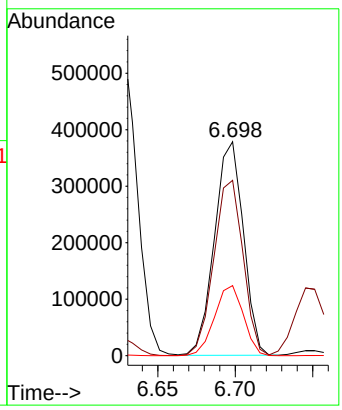


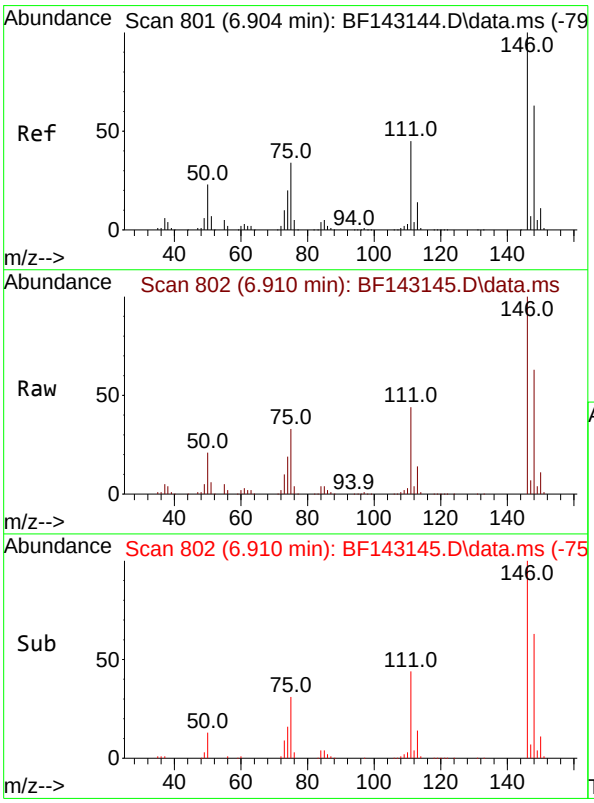
#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 491371

Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.4	103.4
95	32.8	12.4	52.4

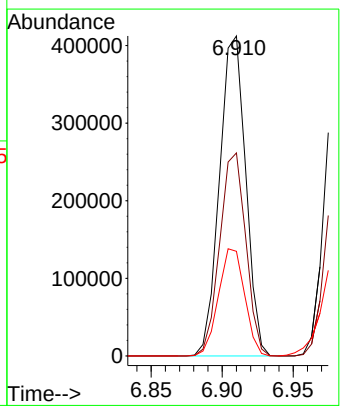


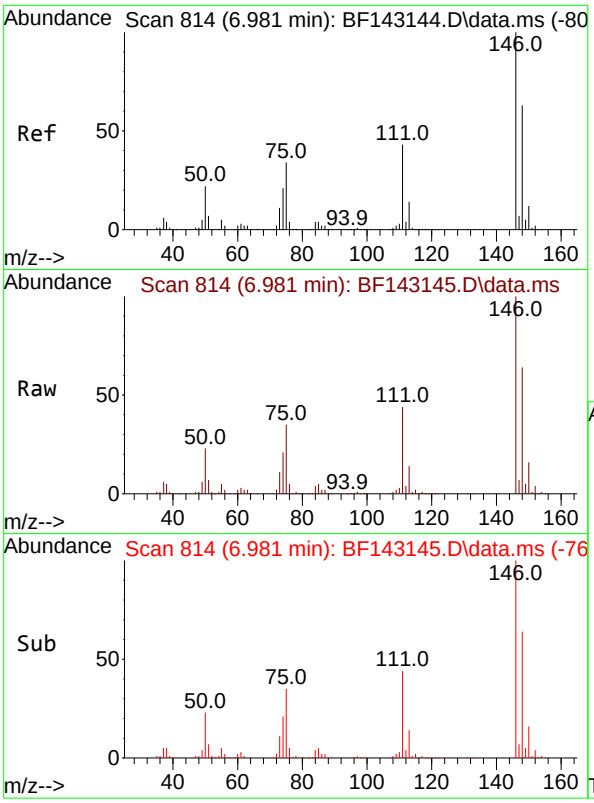


#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
75	32.7	27.4	41.2



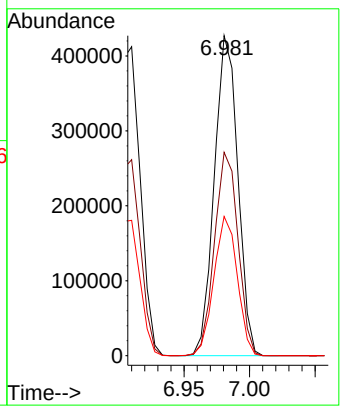


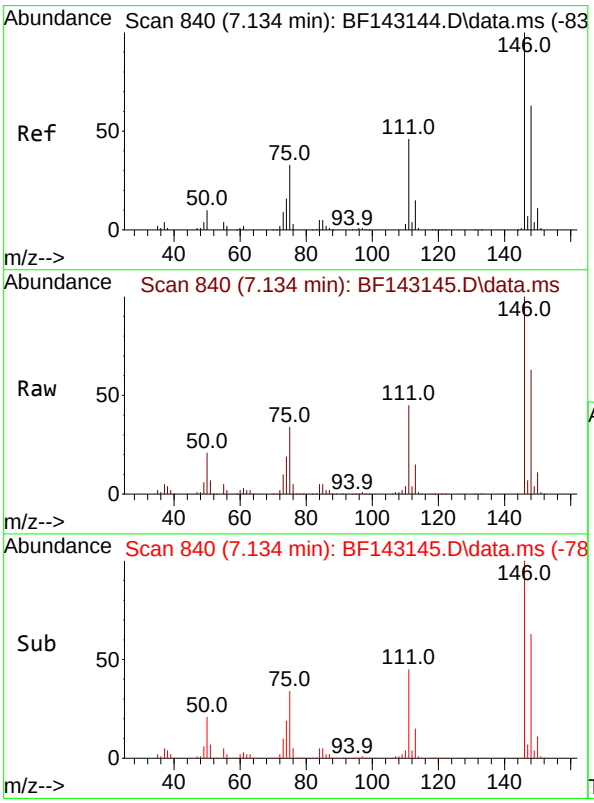
#13
1,4-Dichlorobenzene
Concen: 50.818 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 531696

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	43.5	34.4	51.6

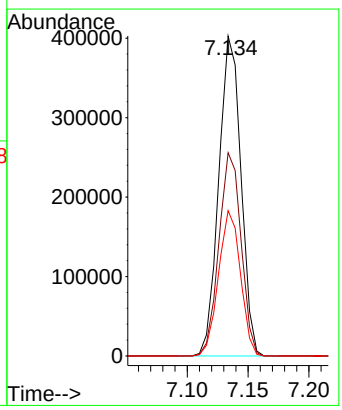


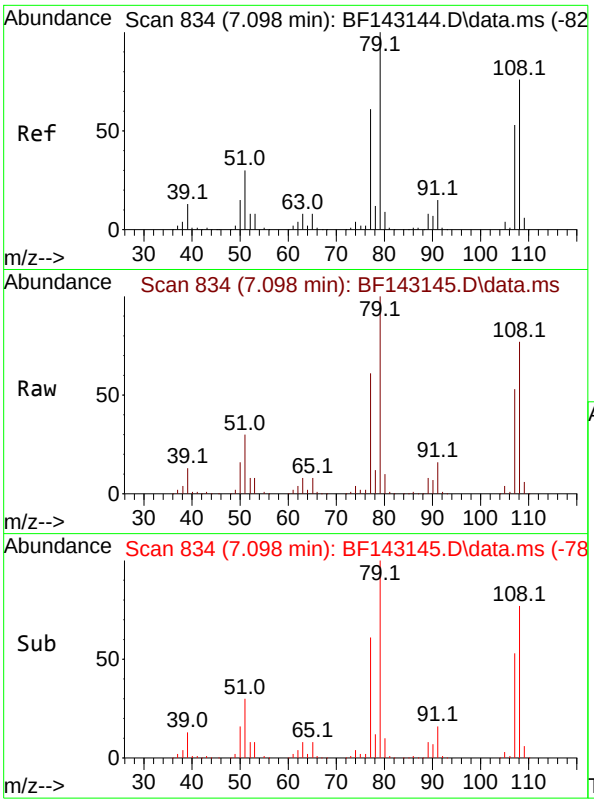


#14
1,2-Dichlorobenzene
Concen: 51.264 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 510140

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	45.4	36.6	54.8



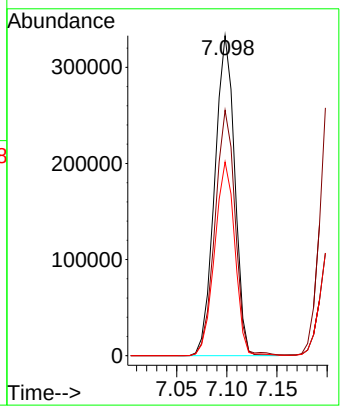


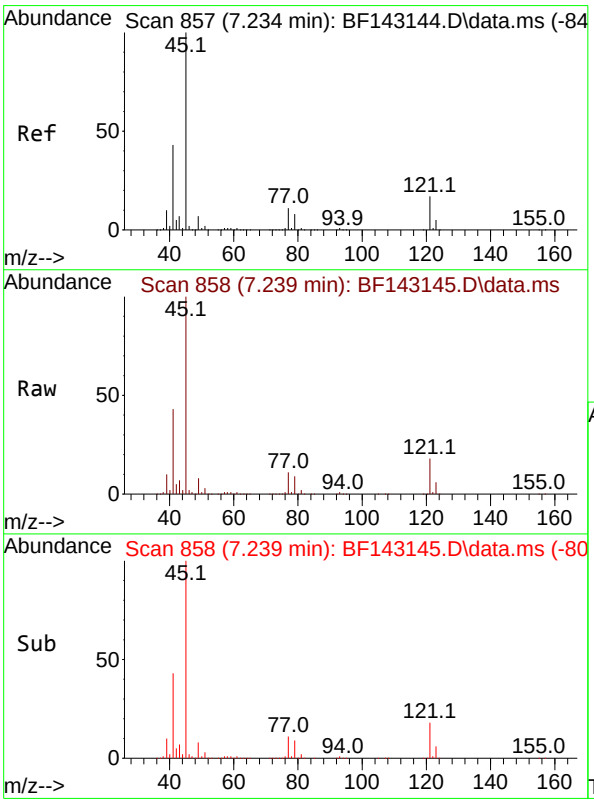
#15
Benzyl Alcohol
Concen: 52.616 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 461379

Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.1	91.7
77	60.6	48.9	73.3

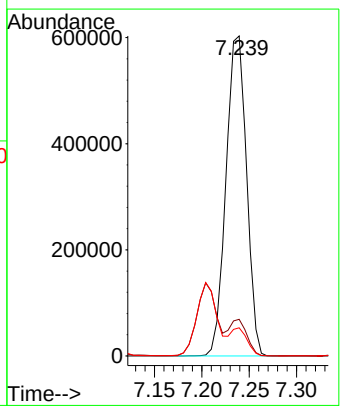


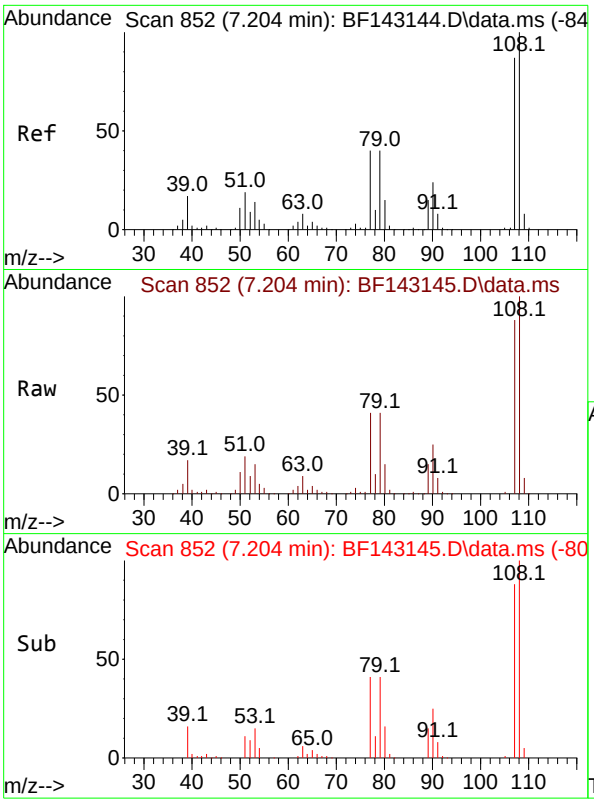


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.128 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 45 Resp: 908530

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.8	0.0	28.5



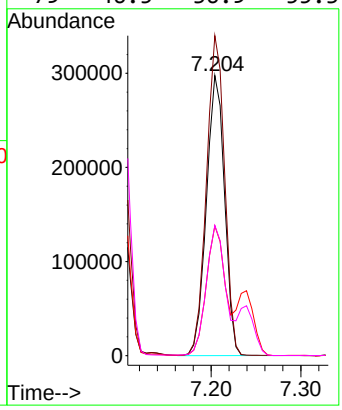


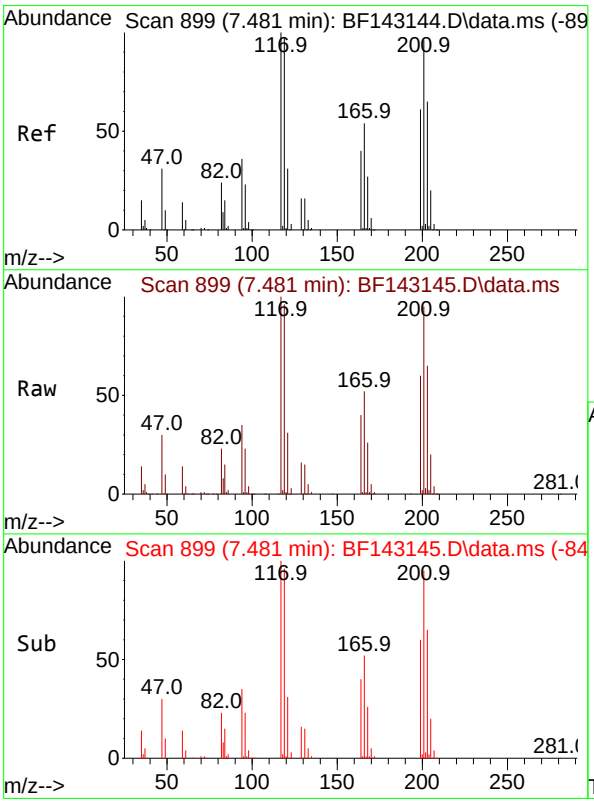
#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 418793

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	46.3	37.0	55.6
79	46.5	36.9	55.3

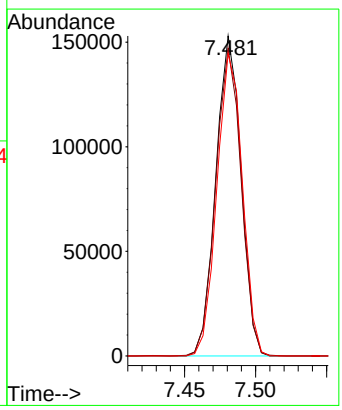


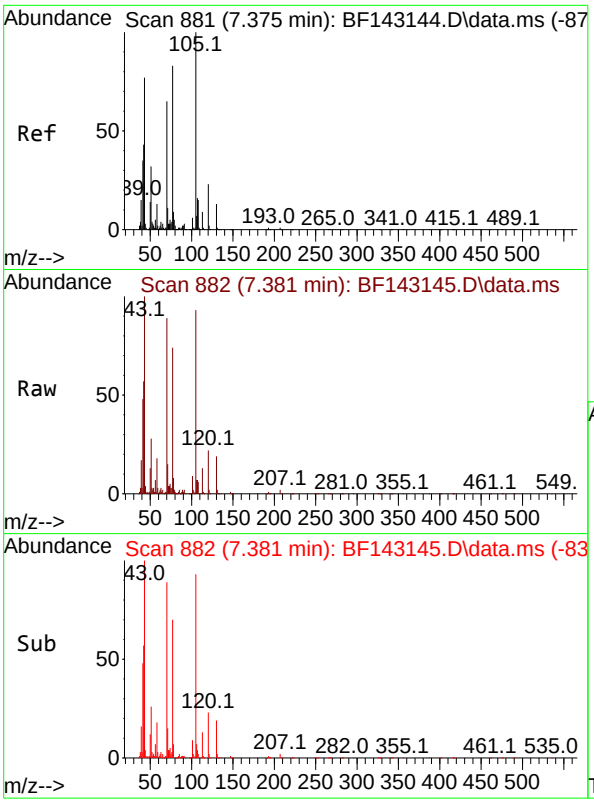


#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:117 Resp: 189394

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	94.5	77.0	115.4



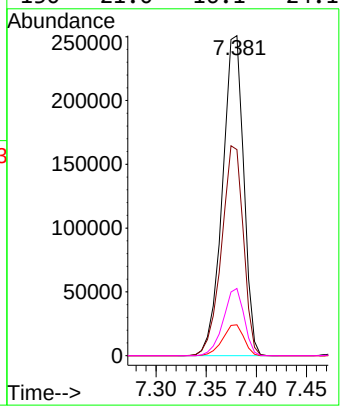


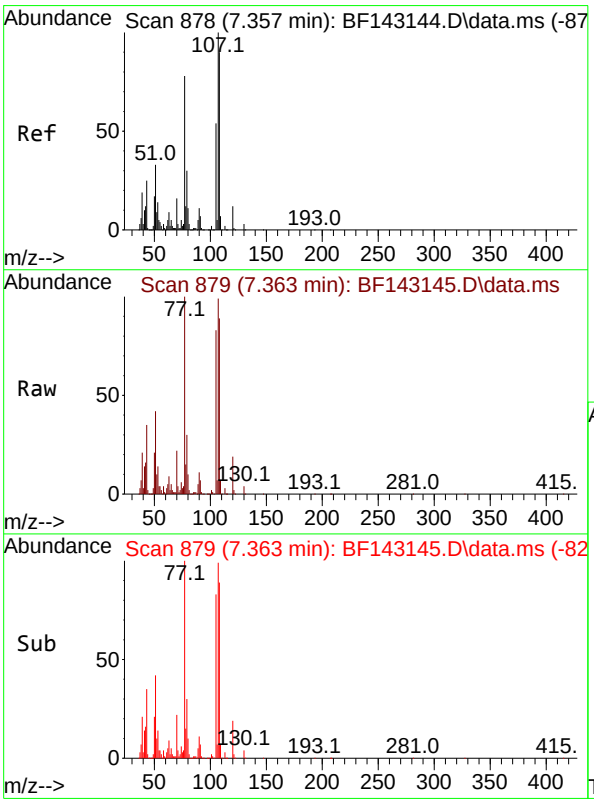
#19
n-Nitroso-di-n-propylamine
Concen: 50.131 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 369367

Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.7	7.6	11.4
130	21.0	16.1	24.1

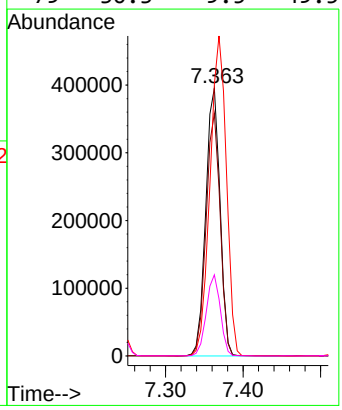


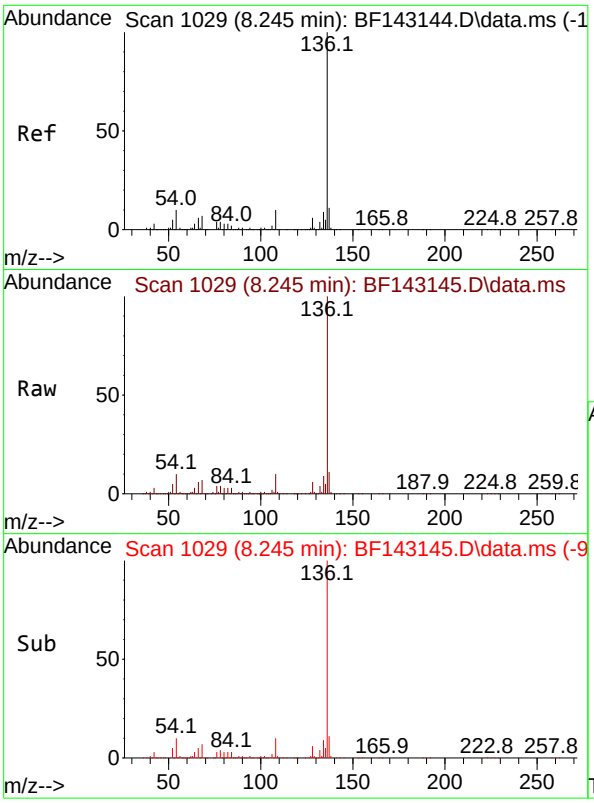


#20
3+4-Methylphenols
Concen: 51.870 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	101.5	57.8	97.8#
79	30.3	9.5	49.5



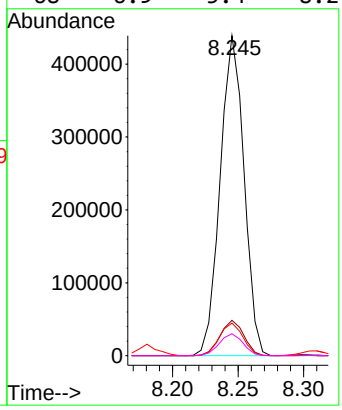


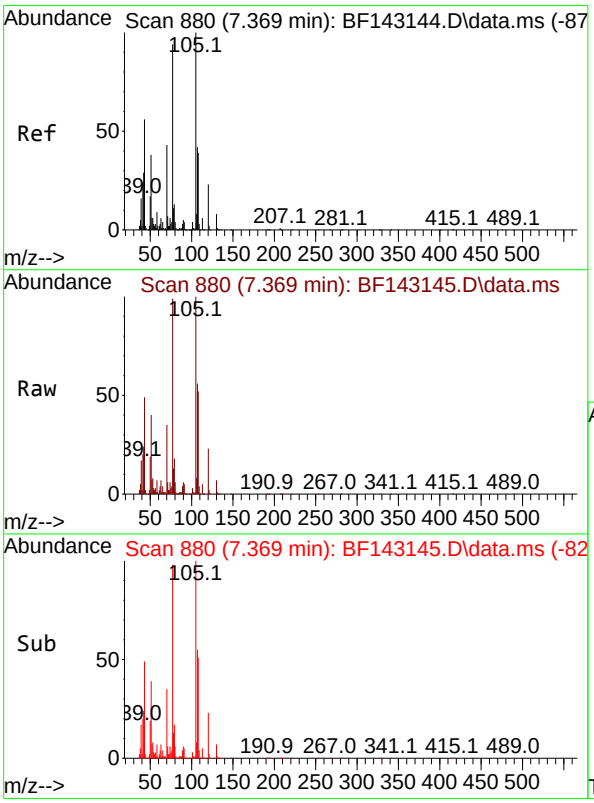
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 555536

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.2	8.2	12.2
68	6.9	5.4	8.2

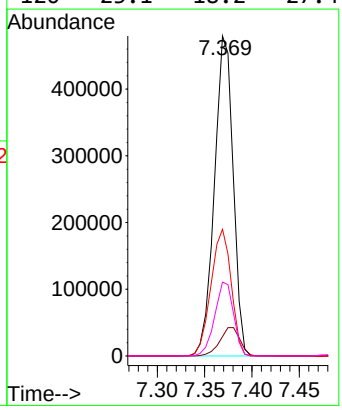


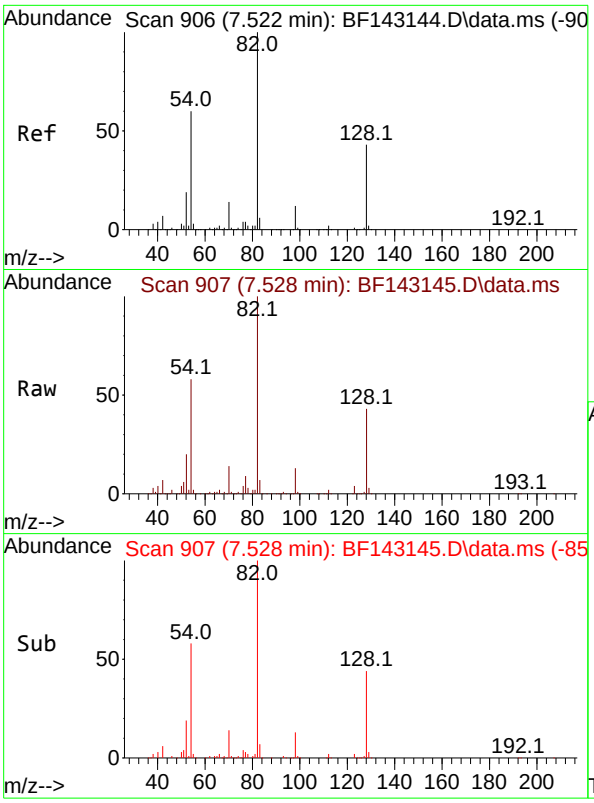


#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:105 Resp: 661017

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.8	8.6
51	39.6	30.2	45.2
120	23.1	18.2	27.4



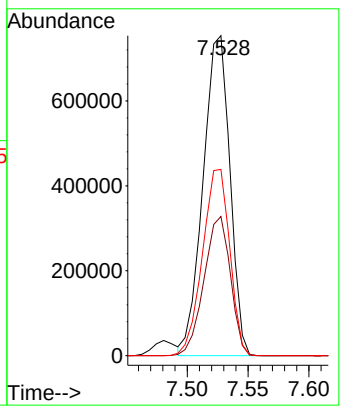


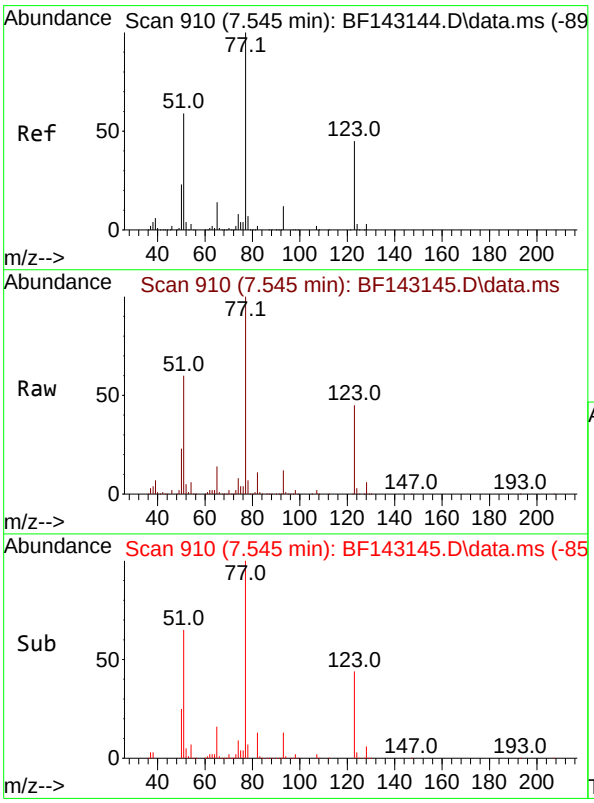
#23
Nitrobenzene-d5
Concen: 103.949 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1158494

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	58.2	47.1	70.7

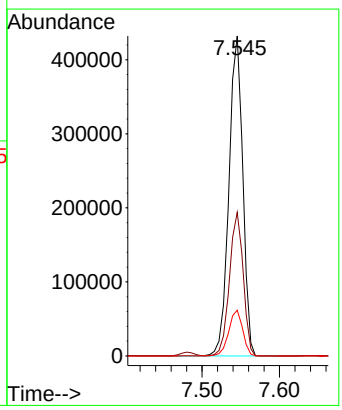


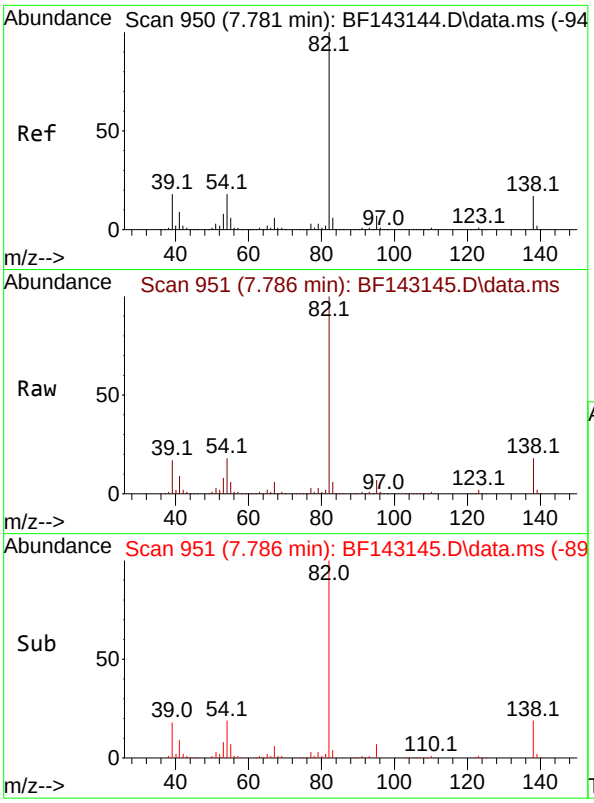


#24
Nitrobenzene
Concen: 51.843 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 538666

Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.1	54.1
65	14.3	11.4	17.2



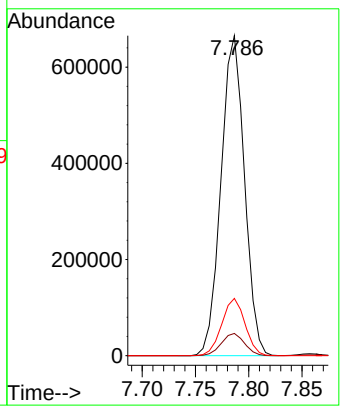


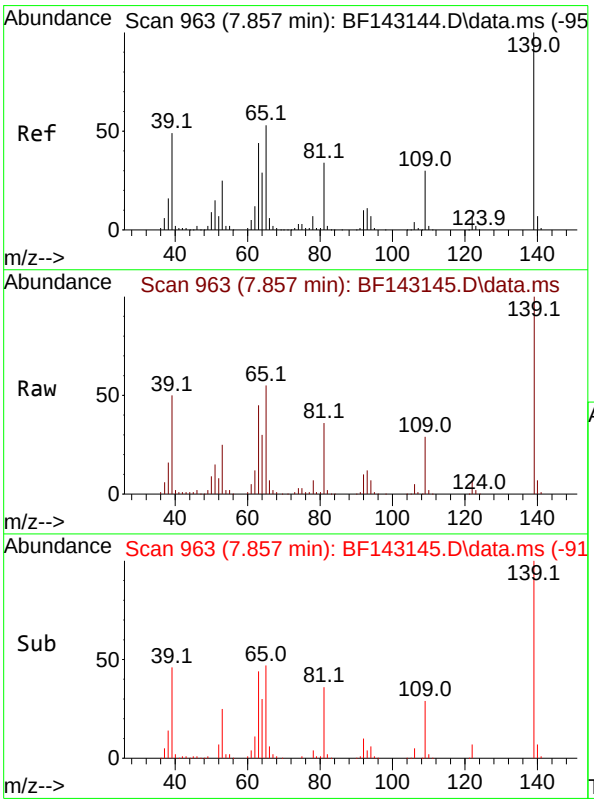
#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1018783

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.9	13.8	20.8

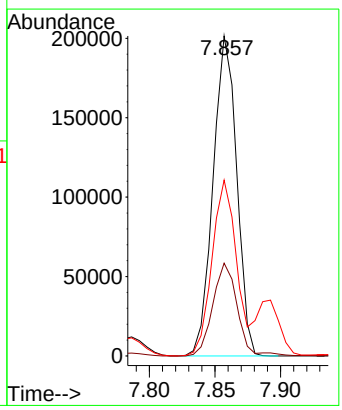


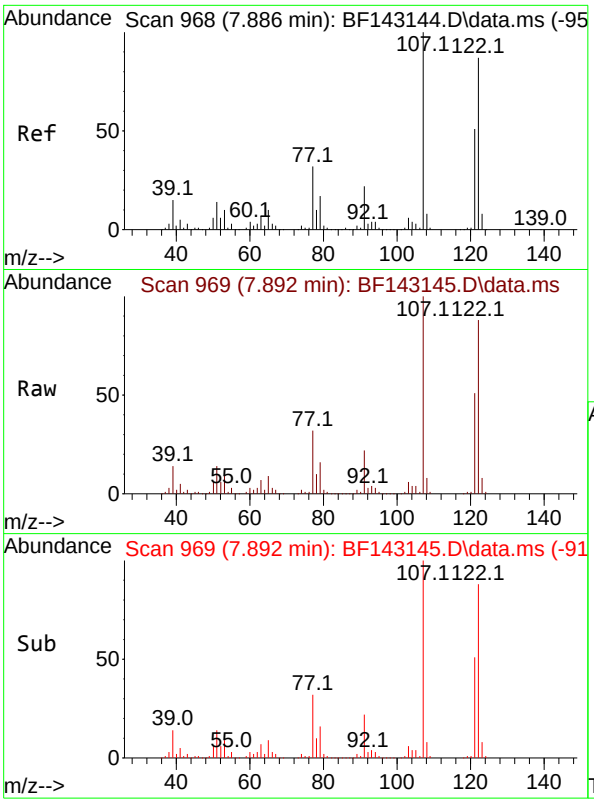


#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.0	42.6	64.0



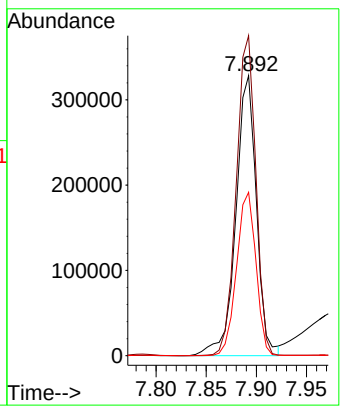


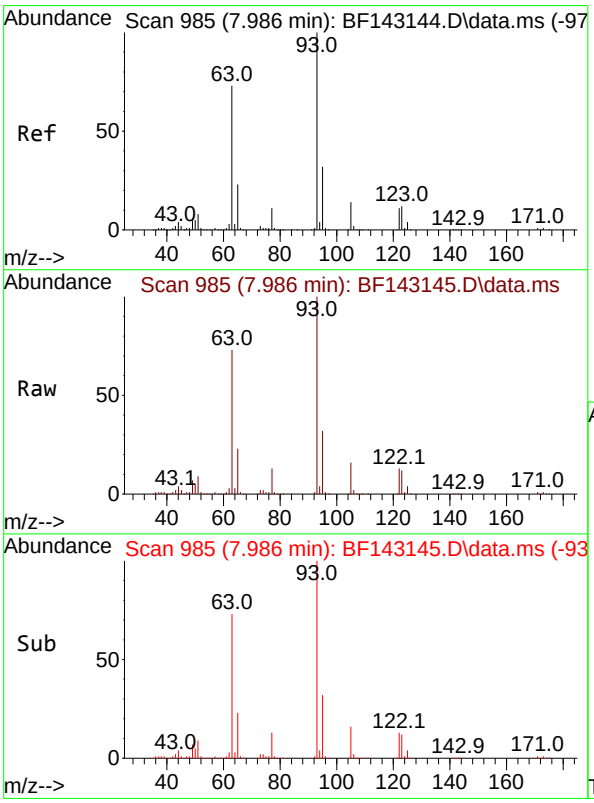
#27
2,4-Dimethylphenol
Concen: 51.112 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 469819

Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.8	137.6
121	58.4	46.3	69.5

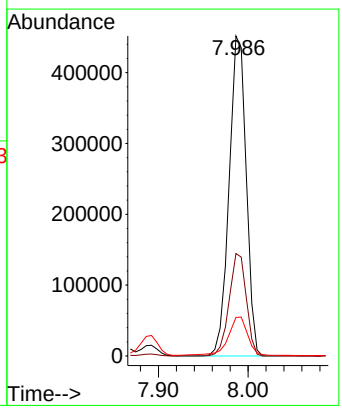


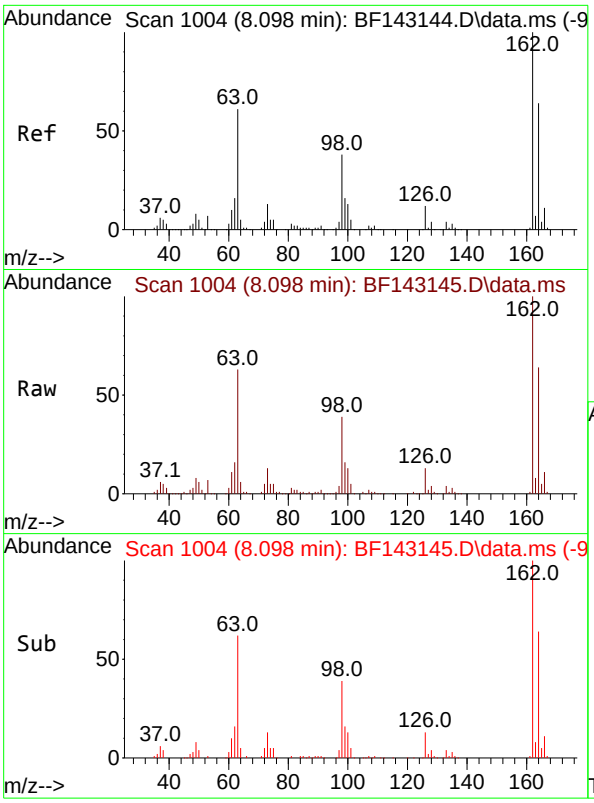


#28
bis(2-Chloroethoxy)methane
Concen: 50.631 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 597241

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.6
123	12.1	9.7	14.5



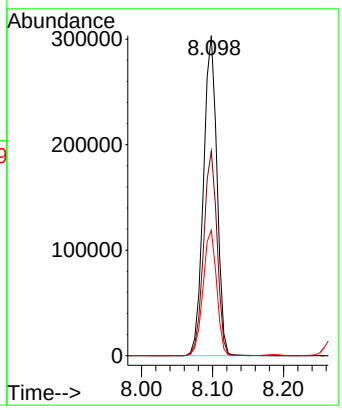


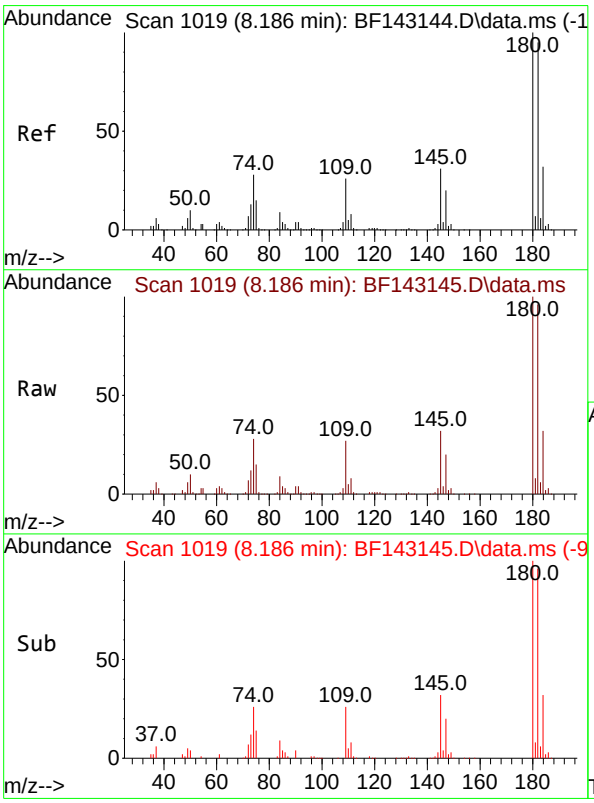
#29
2,4-Dichlorophenol
Concen: 51.773 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 401336

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.2	84.2
98	39.2	17.9	57.9

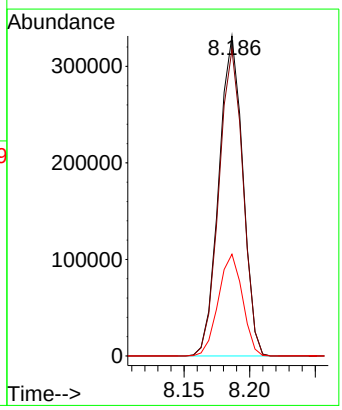


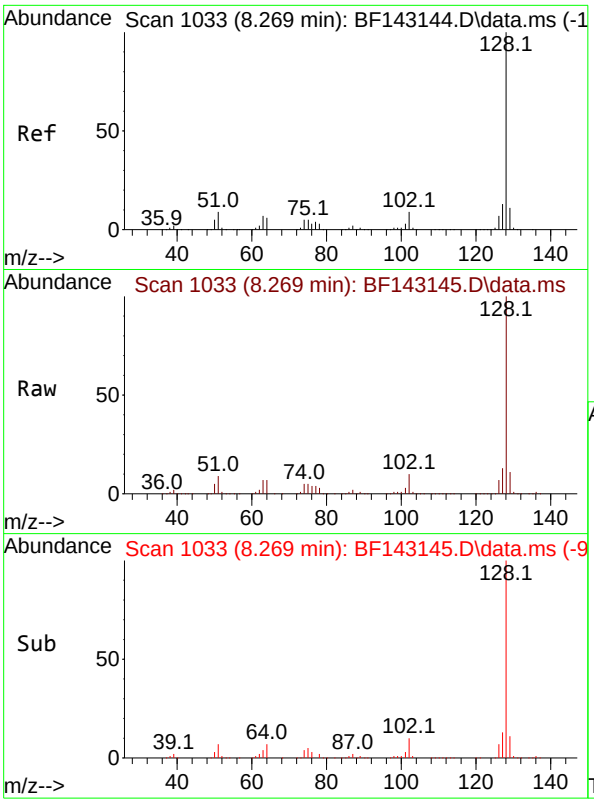


#30
1,2,4-Trichlorobenzene
Concen: 50.242 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:180 Resp: 420763

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	31.8	25.0	37.6



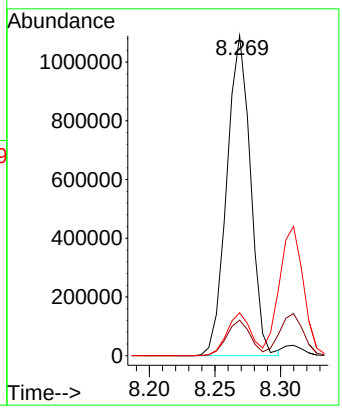


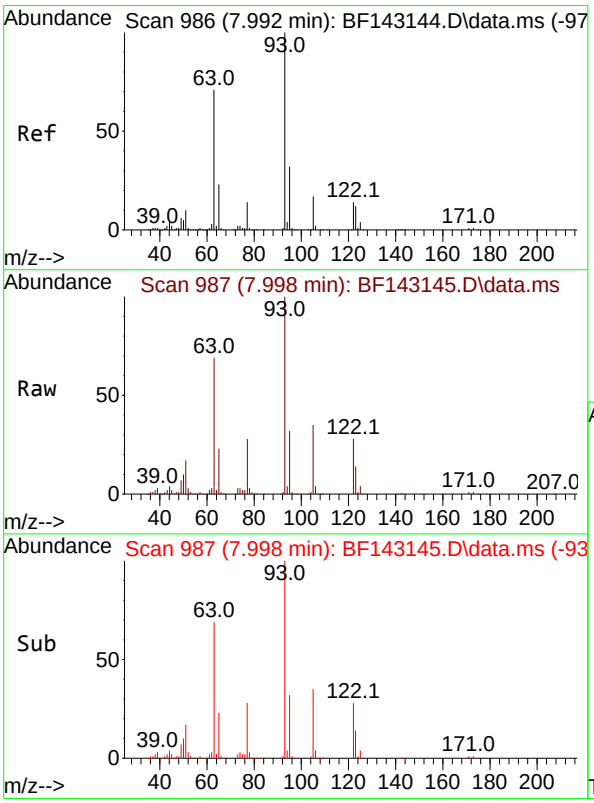
#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1369627

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.6	16.0

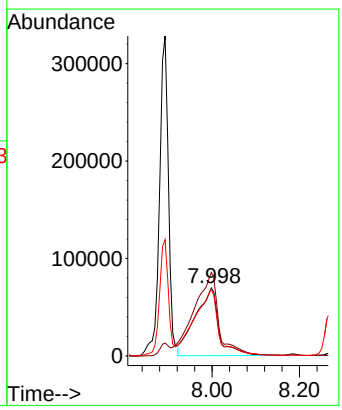


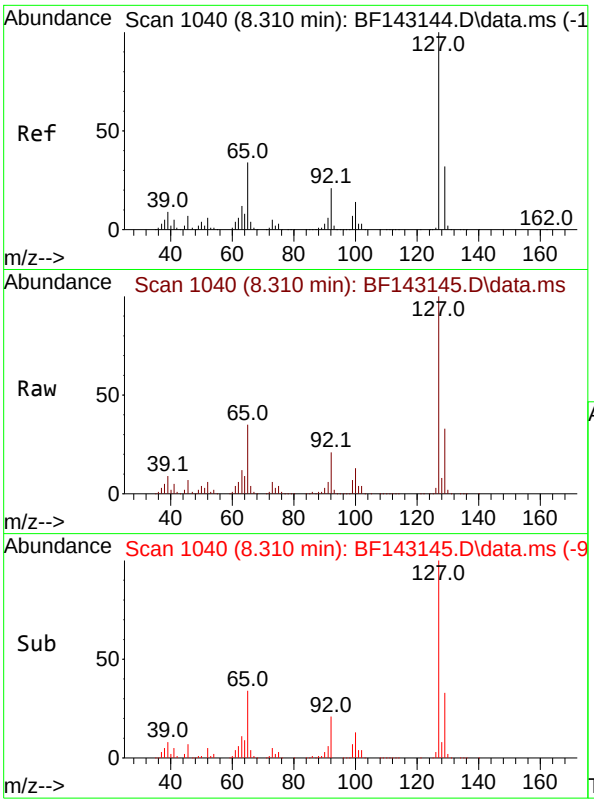


#32
Benzoic acid
Concen: 50.647 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 263494

Ion	Ratio	Lower	Upper
122	100		
105	123.0	104.8	144.8
77	98.4	77.6	117.6



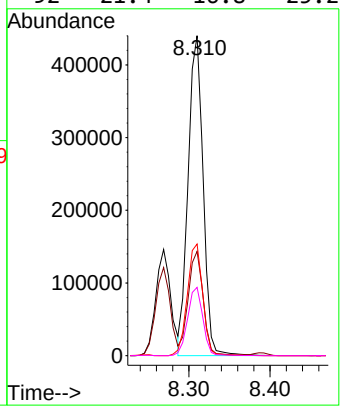


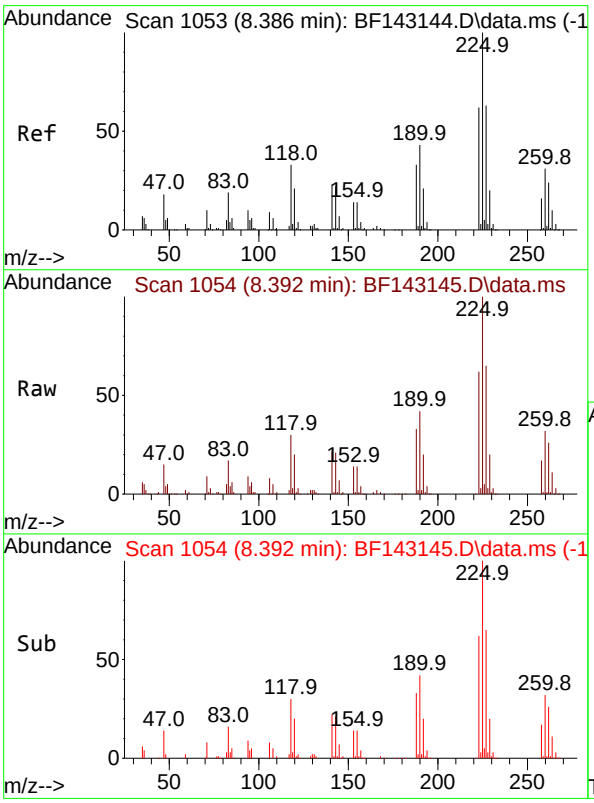
#33
4-Chloroaniline
Concen: 50.703 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 566422

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	34.9	27.4	41.2
92	21.4	16.8	25.2

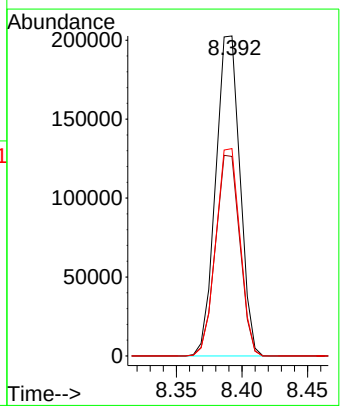


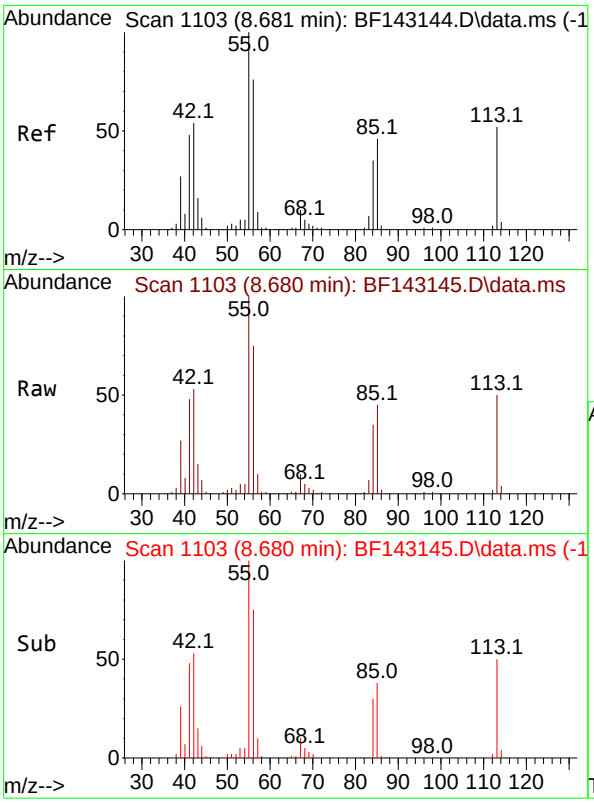


#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:225 Resp: 260787

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.8	50.2	75.4



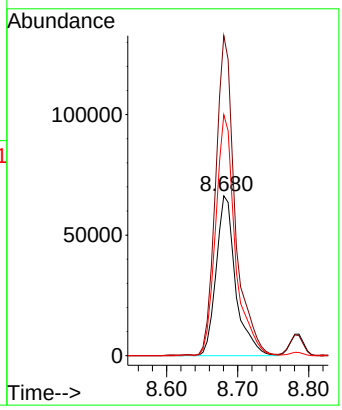


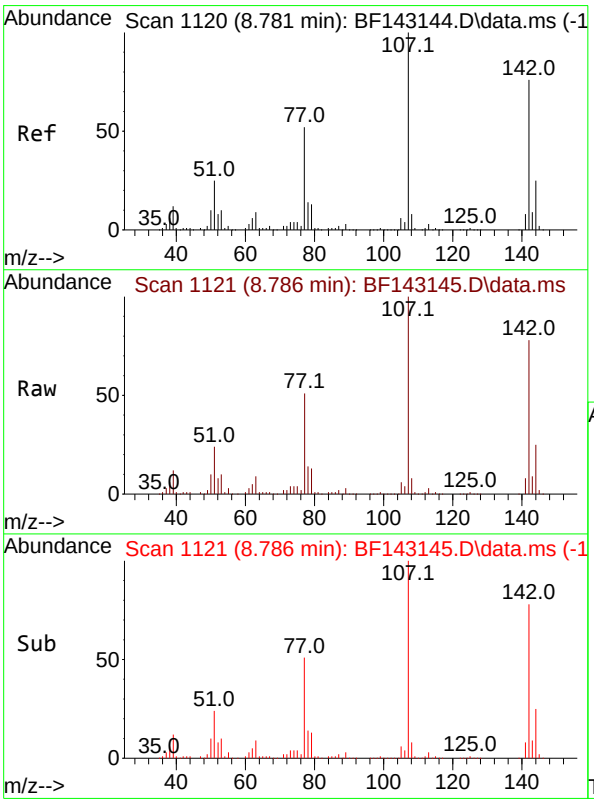
#35
Caprolactam
Concen: 53.811 ng
RT: 8.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 126050

Ion	Ratio	Lower	Upper
113	100		
55	200.3	174.0	214.0
56	150.8	126.6	166.6

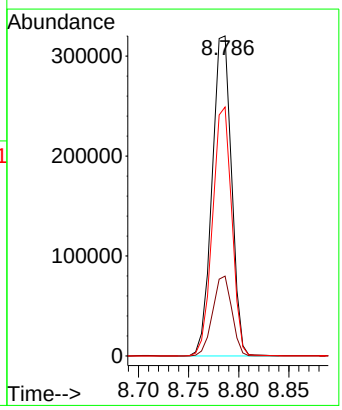


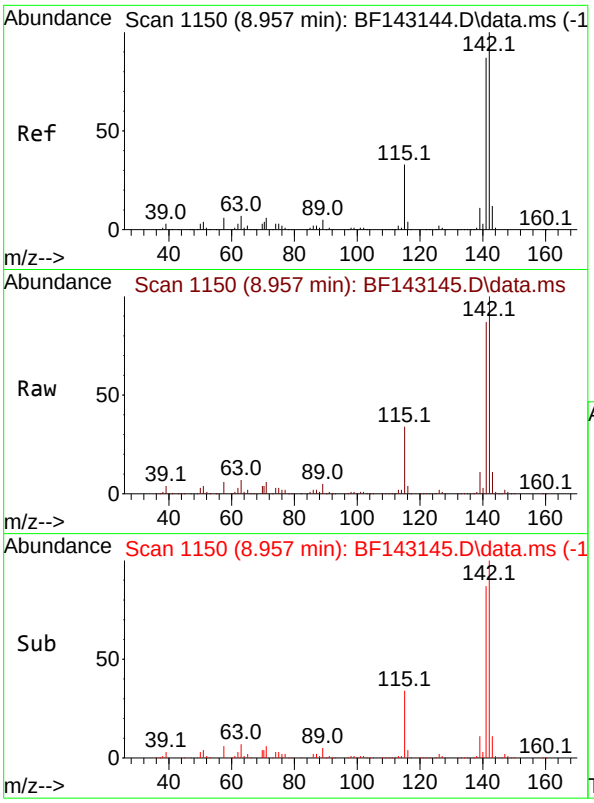


#36
4-Chloro-3-methylphenol
Concen: 51.242 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 431745

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	77.8	60.6	90.8



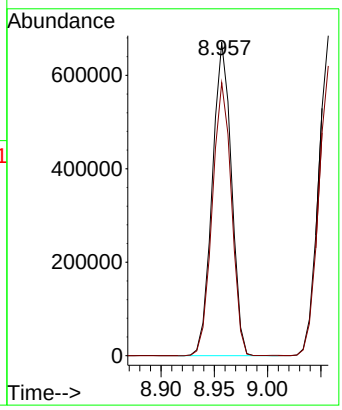


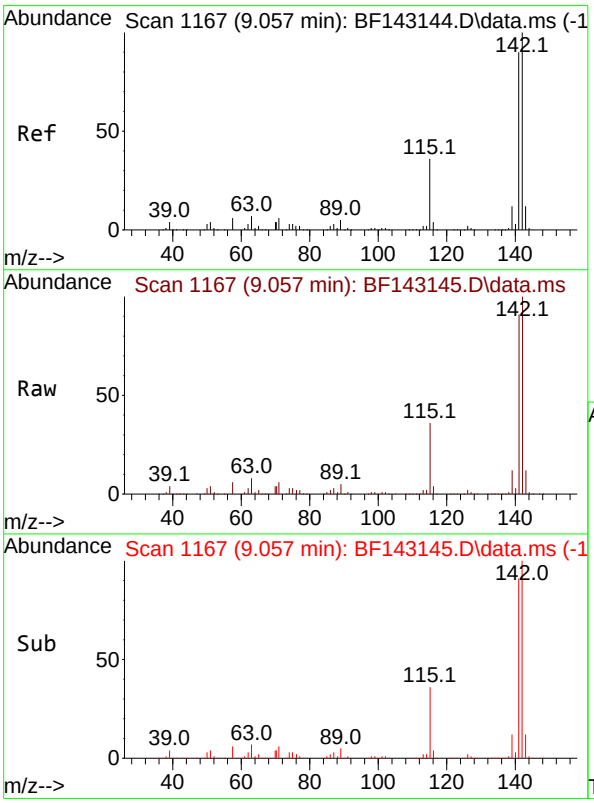
#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 837820

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9

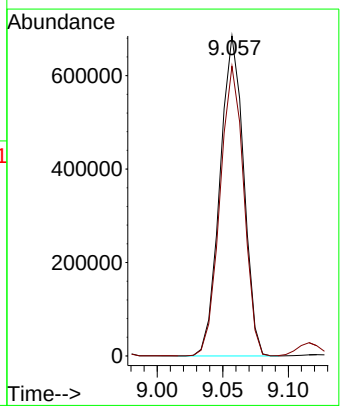


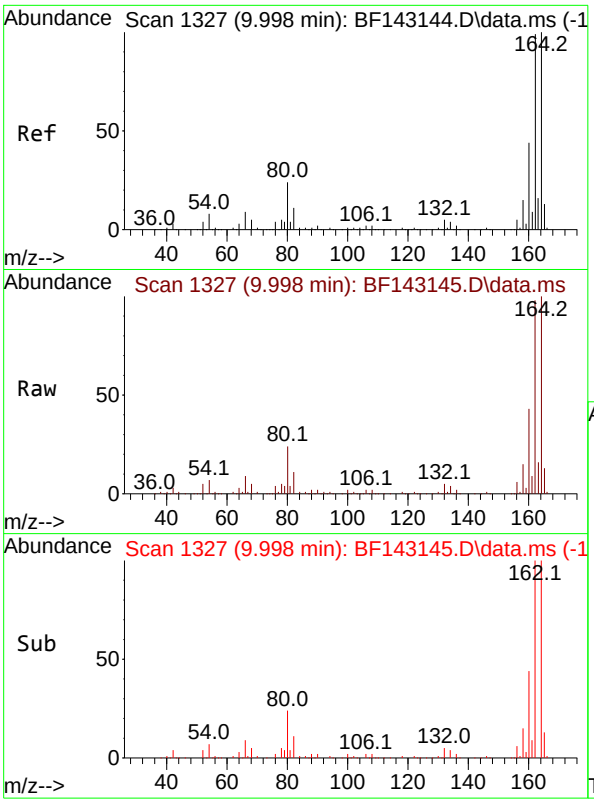


#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5



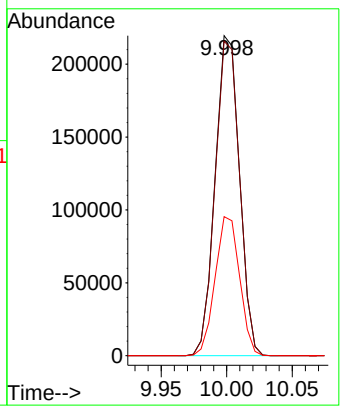


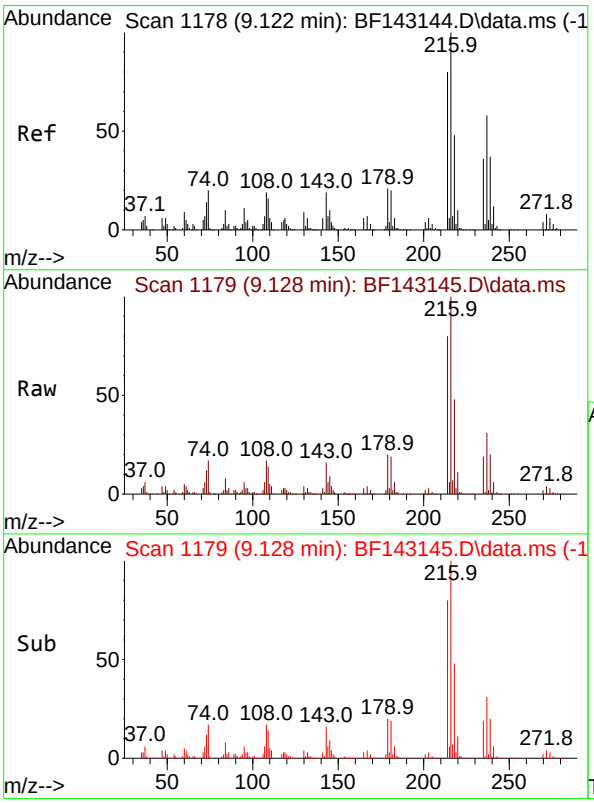
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 283657

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.0	118.6
160	43.5	35.1	52.7

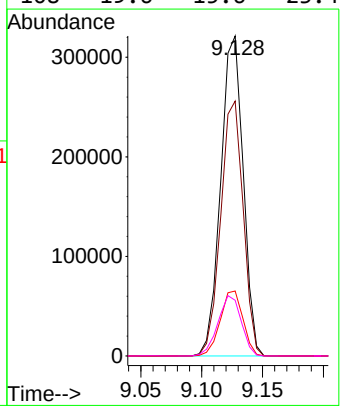


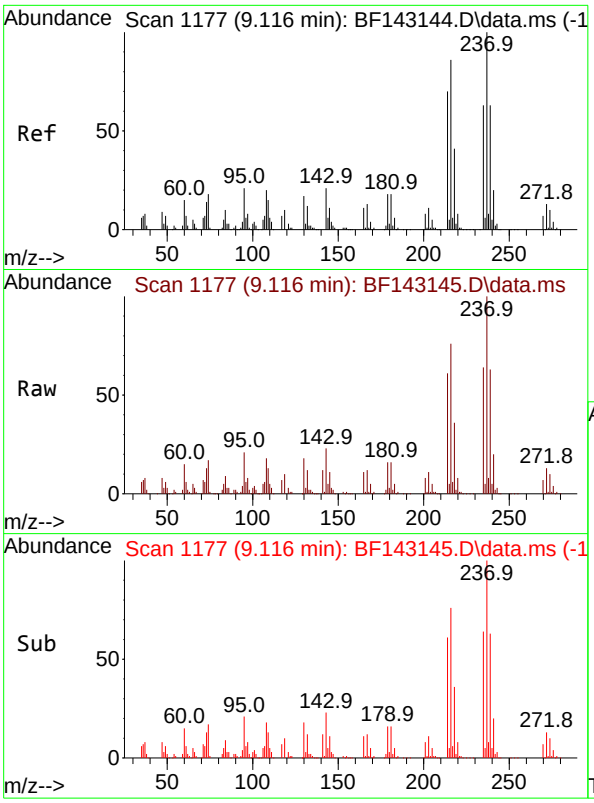


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.420 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	20.5	16.4	24.6
108	19.6	15.6	23.4



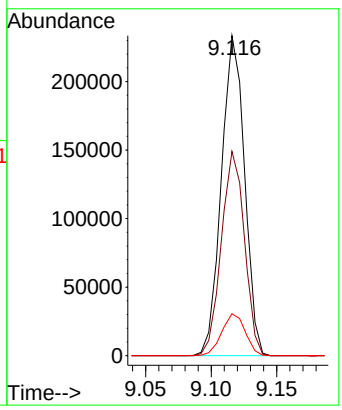


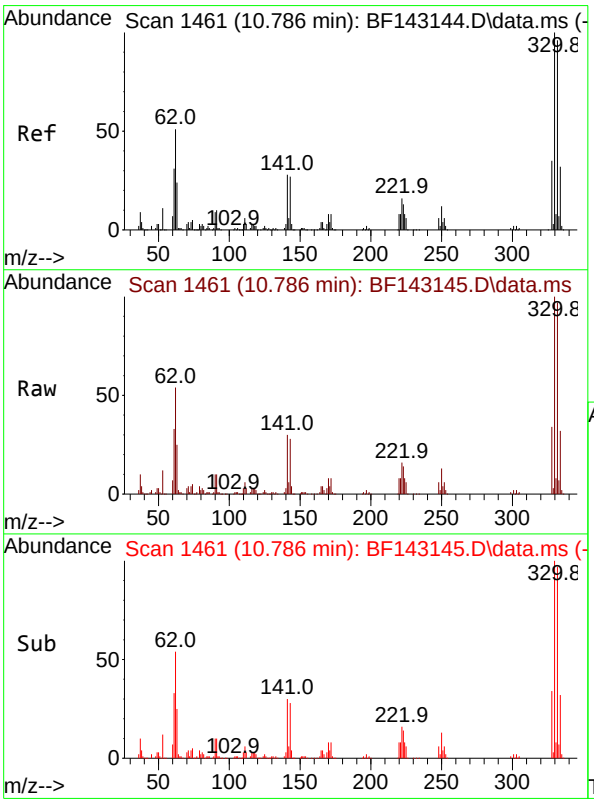
#41
Hexachlorocyclopentadiene
Concen: 53.823 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 286805

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.0	83.0
272	13.1	0.0	33.3

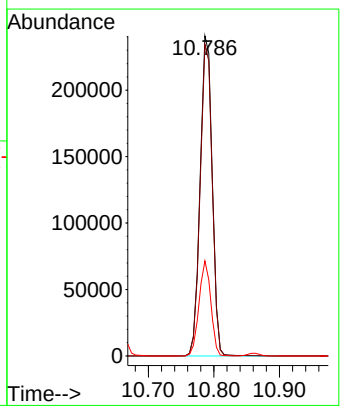


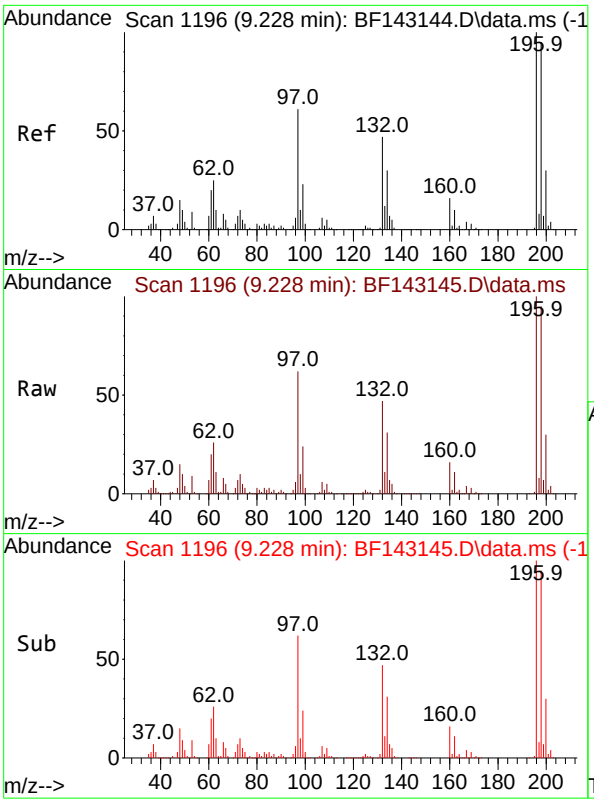


#42
2,4,6-Tribromophenol
Concen: 105.607 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:330 Resp: 309465

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	29.0	23.3	34.9



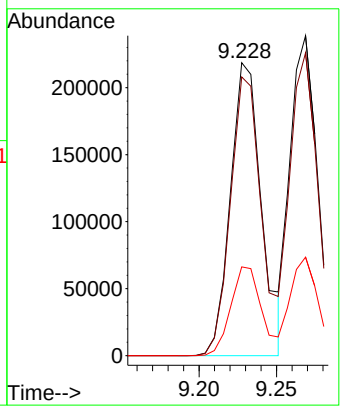


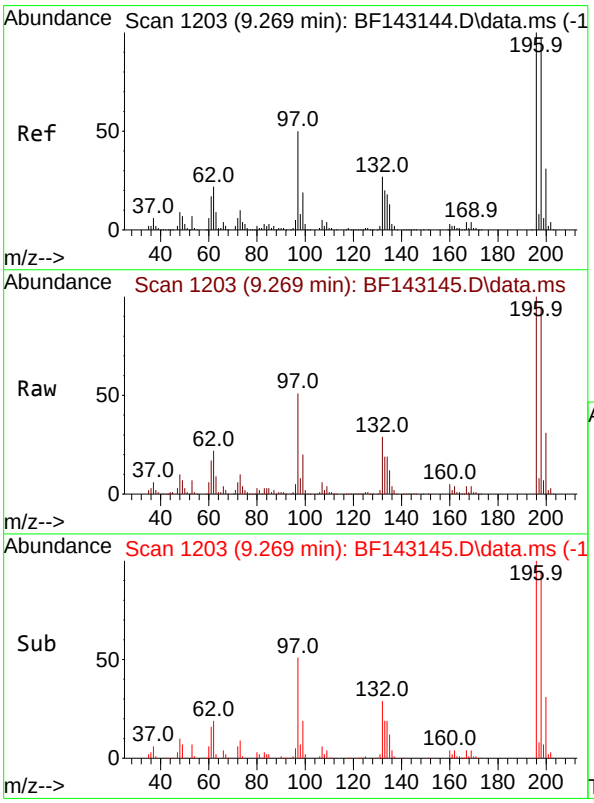
#43
2,4,6-Trichlorophenol
Concen: 53.718 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 304466

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.3	23.9	35.9

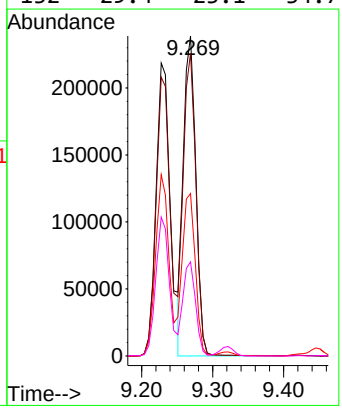


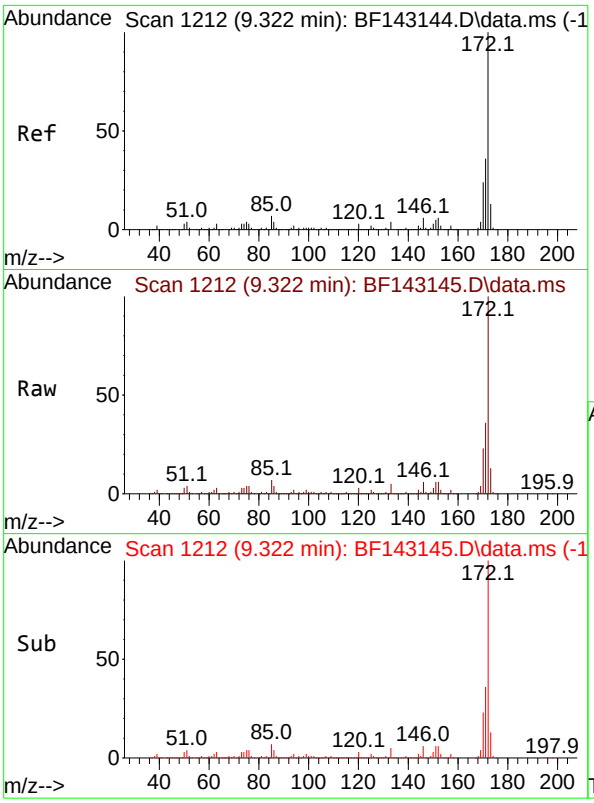


#44
2,4,5-Trichlorophenol
Concen: 51.434 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 291607

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.3	115.9
97	50.8	40.3	60.5
132	29.4	23.1	34.7



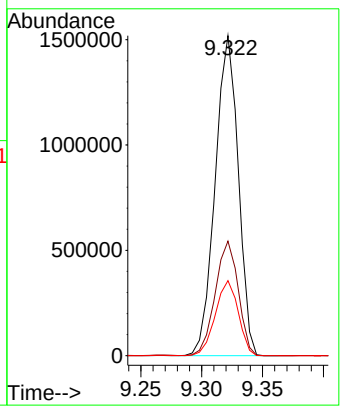


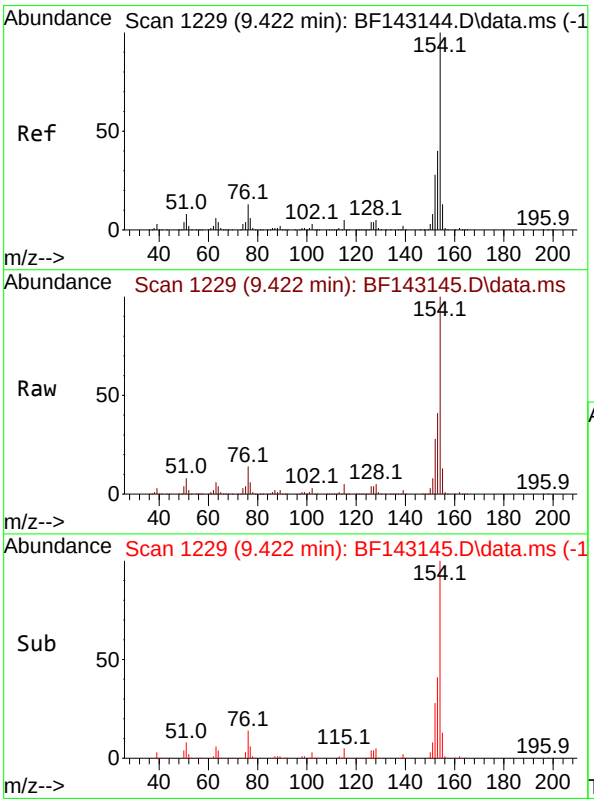
#45
2-Fluorobiphenyl
Concen: 96.712 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 2005894

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.5	18.8	28.2

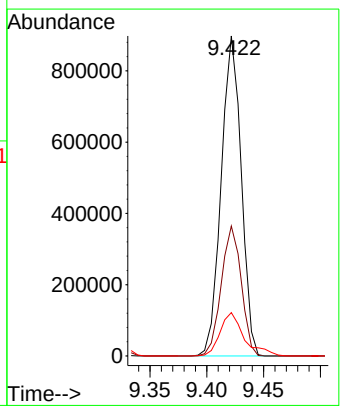


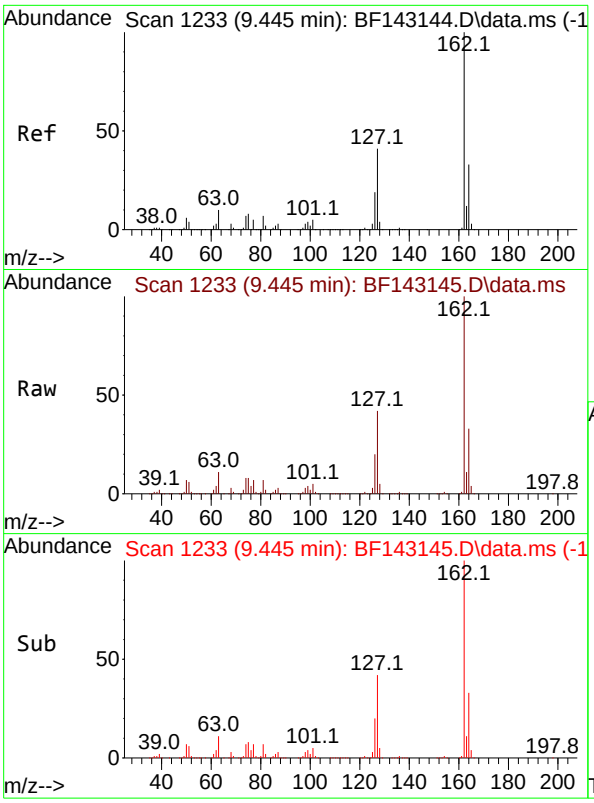


#46
1,1'-Biphenyl
Concen: 49.764 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 1101317

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.5	0.0	33.3



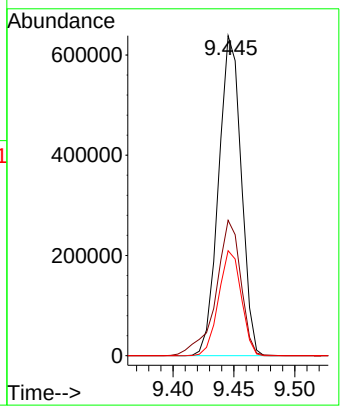


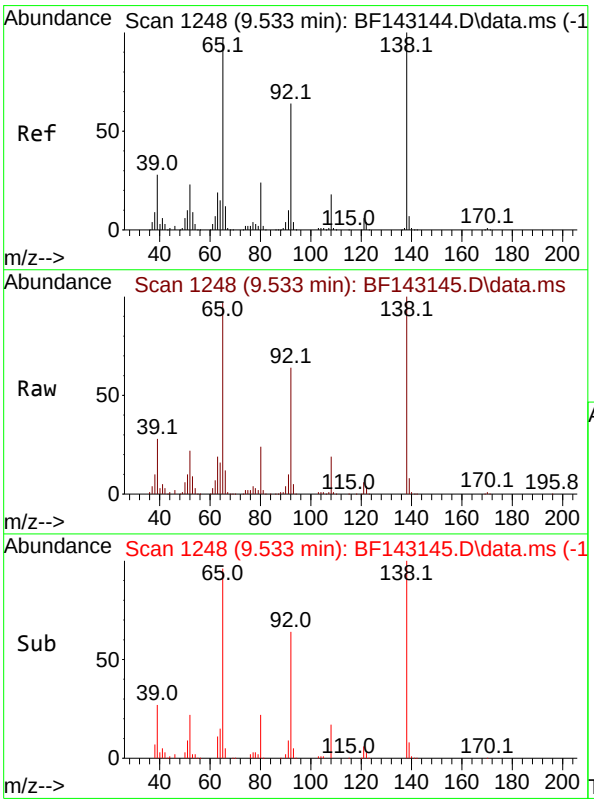
#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 826749

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.4	50.2
164	32.8	26.2	39.2

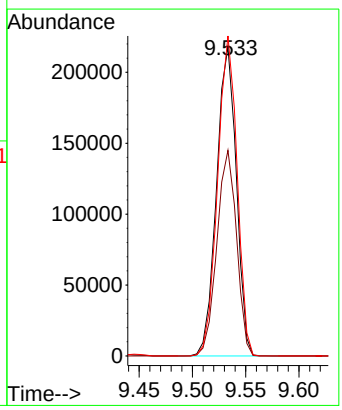


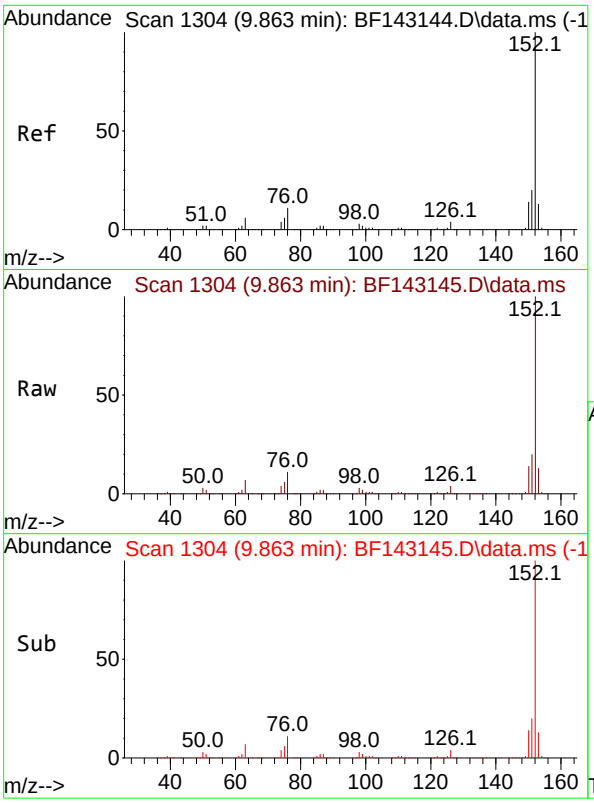


#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082

Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.4	78.6
138	103.5	82.3	123.5



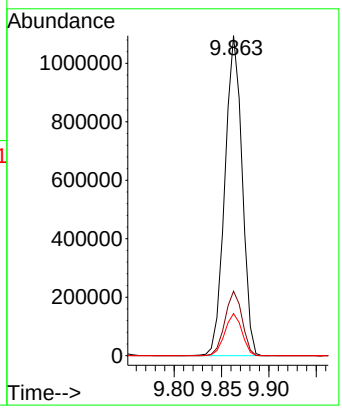


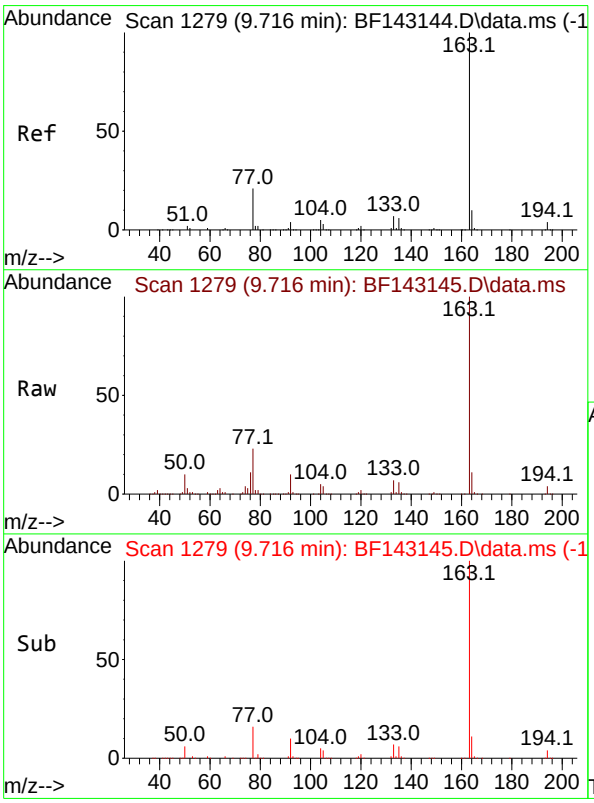
#49
Acenaphthylene
Concen: 50.605 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1388721

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0

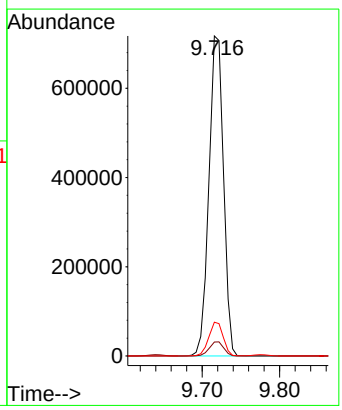


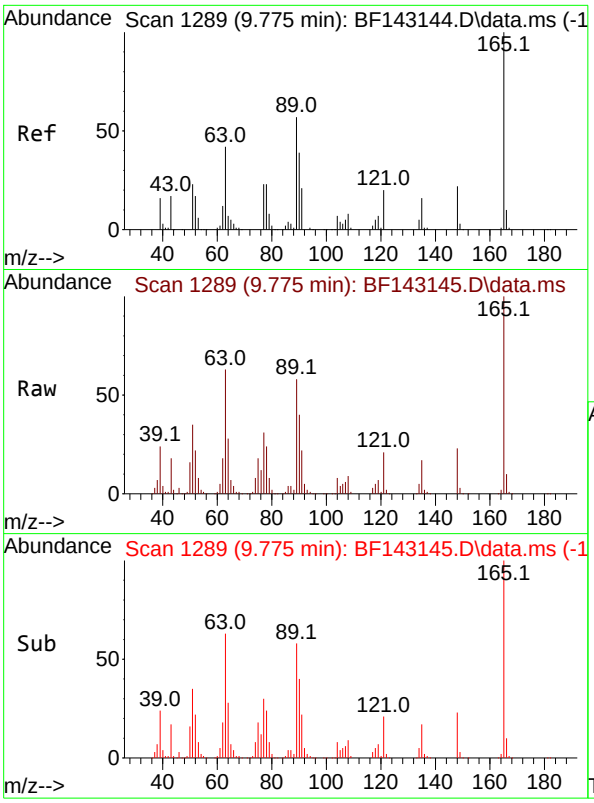


#50
Dimethylphthalate
Concen: 50.832 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:163 Resp: 939863

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.3	12.5



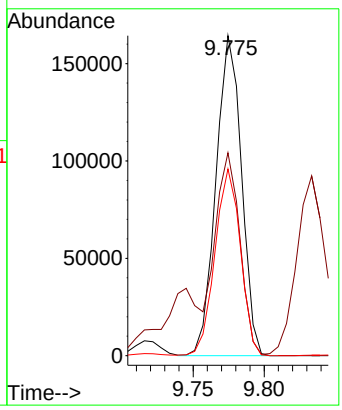


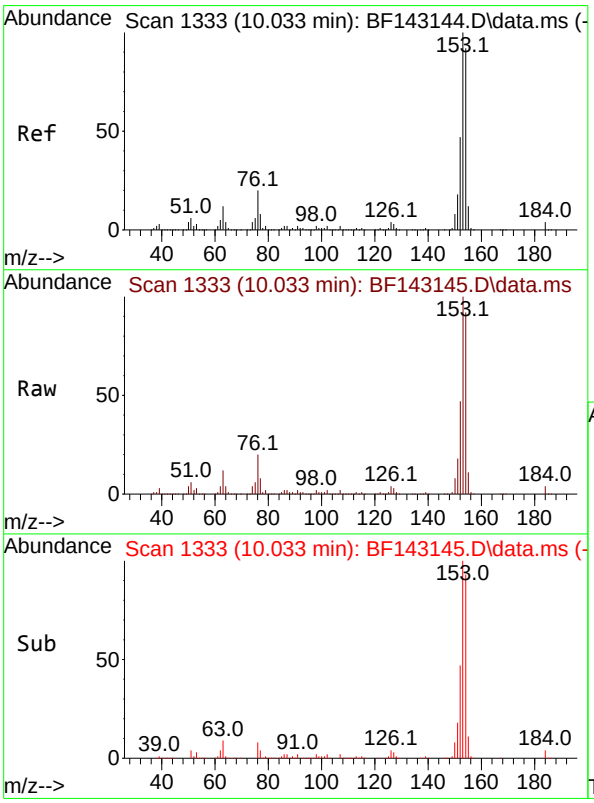
#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 205147

Ion	Ratio	Lower	Upper
165	100		
63	63.4	49.4	74.2
89	58.4	46.2	69.2

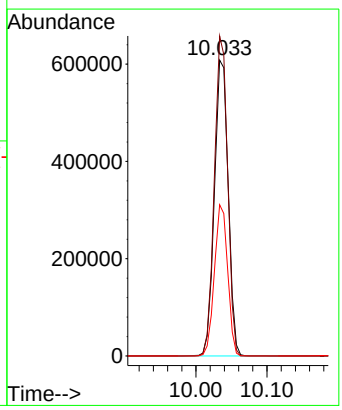


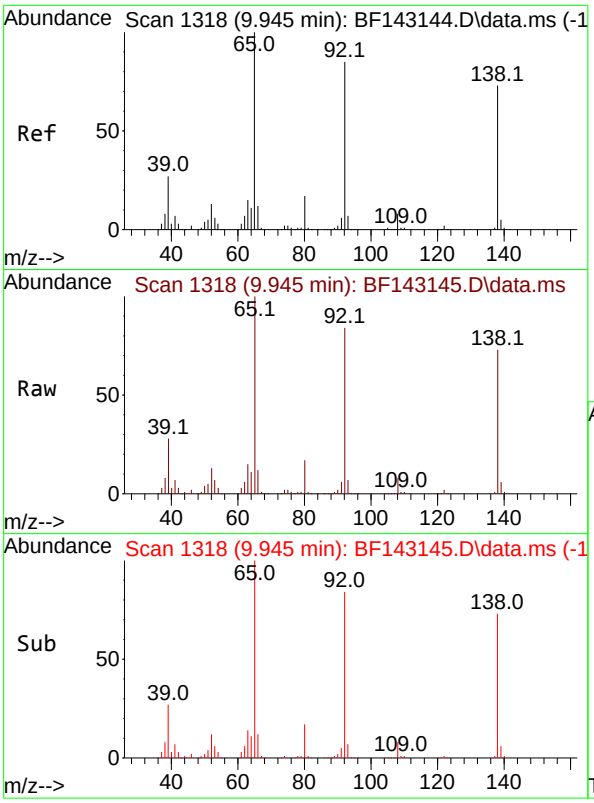


#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 818783

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	51.1	40.4	60.6



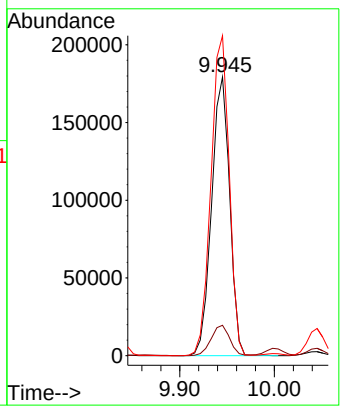


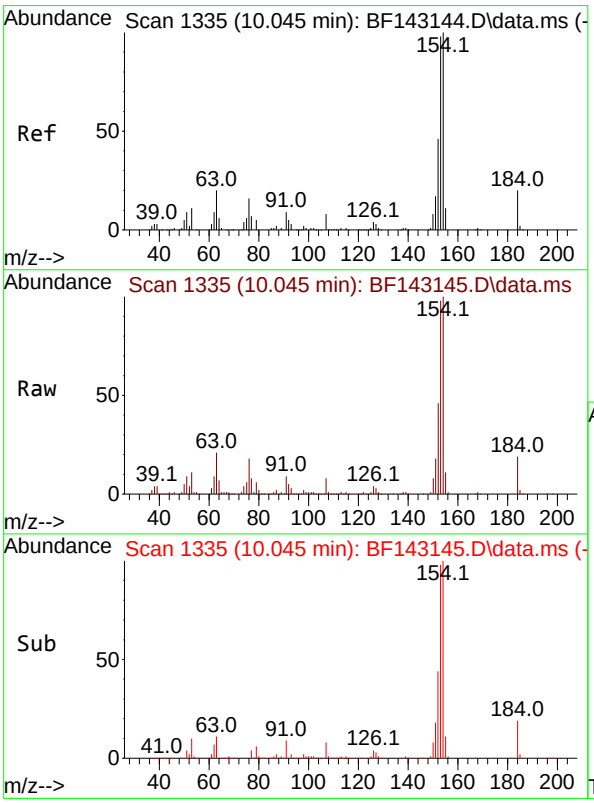
#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 236959

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.8	93.0	139.4

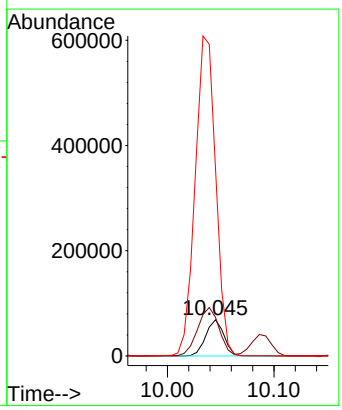


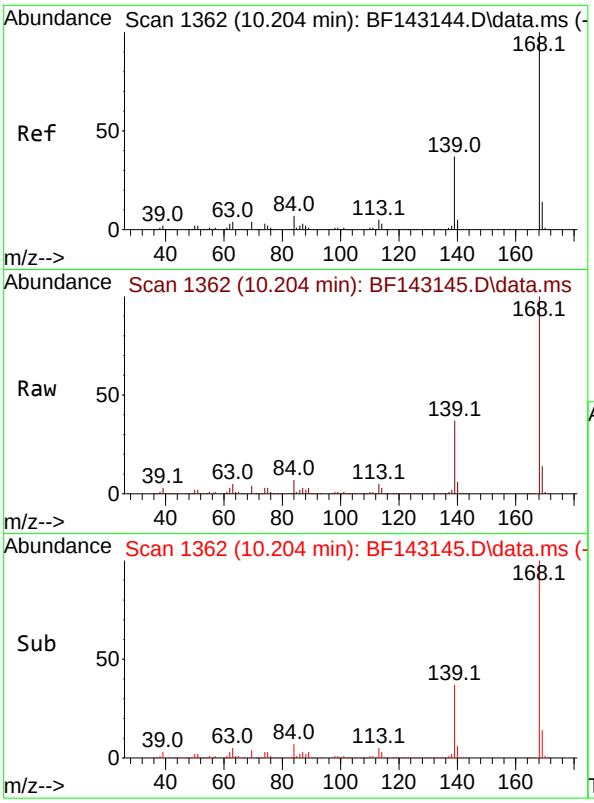


#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 81983

Ion	Ratio	Lower	Upper
184	100		
63	106.9	81.8	122.6
154	519.2	412.2	618.4



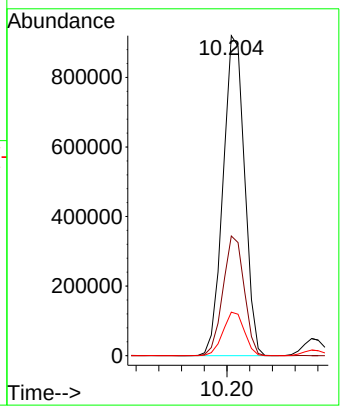


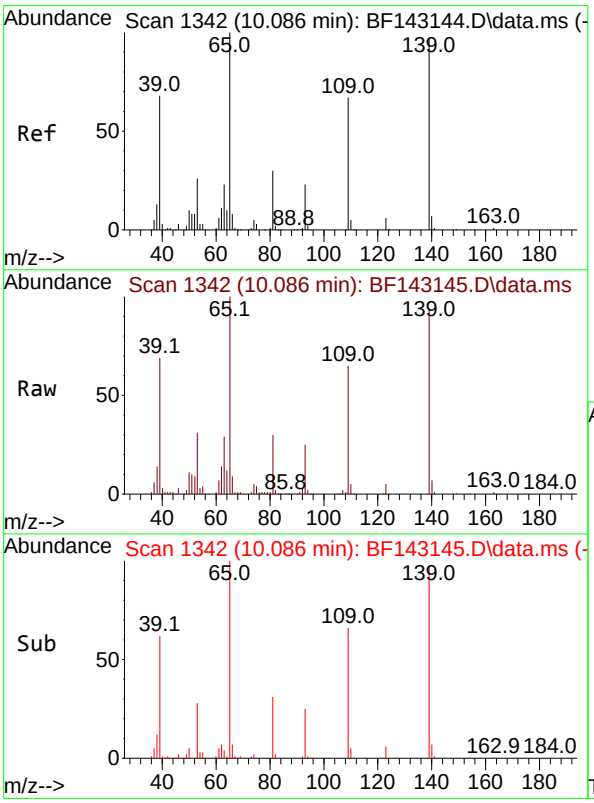
#55
Dibenzofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1204088

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.6	10.9	16.3

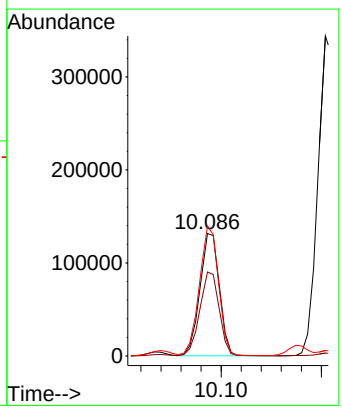


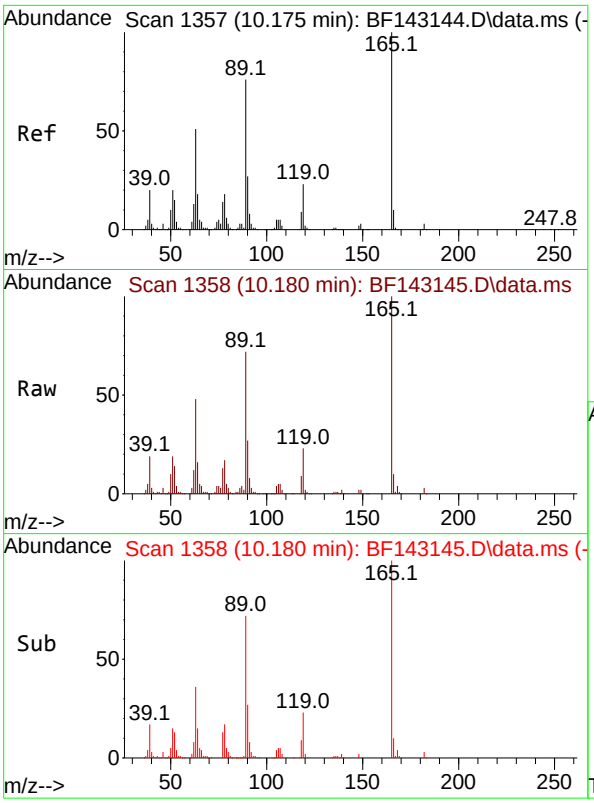


#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 177408

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	106.2	83.4	123.4



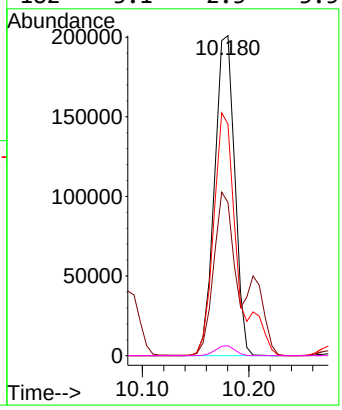


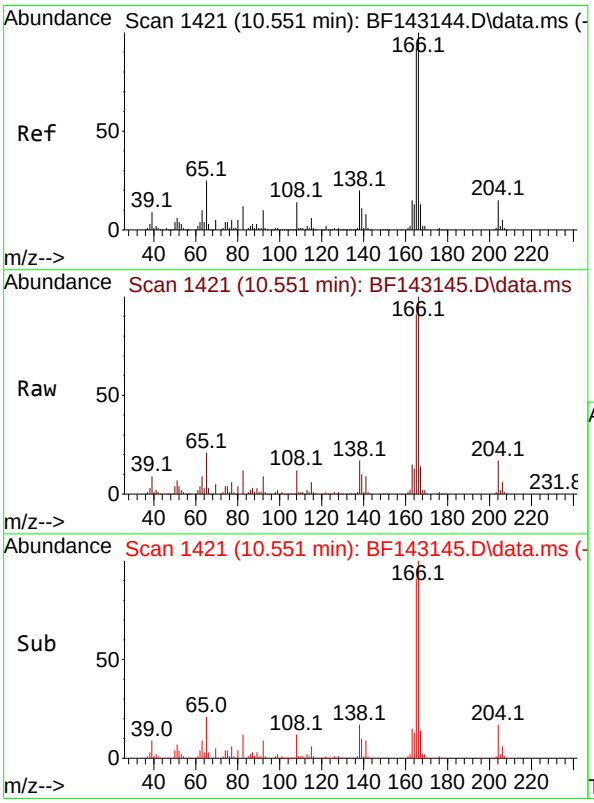
#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 264045

Ion	Ratio	Lower	Upper
165	100		
63	47.9	41.0	61.4
89	72.4	61.1	91.7
182	3.1	2.3	3.5

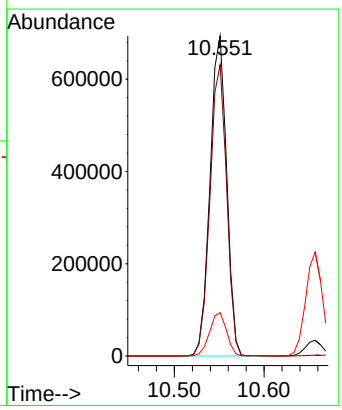


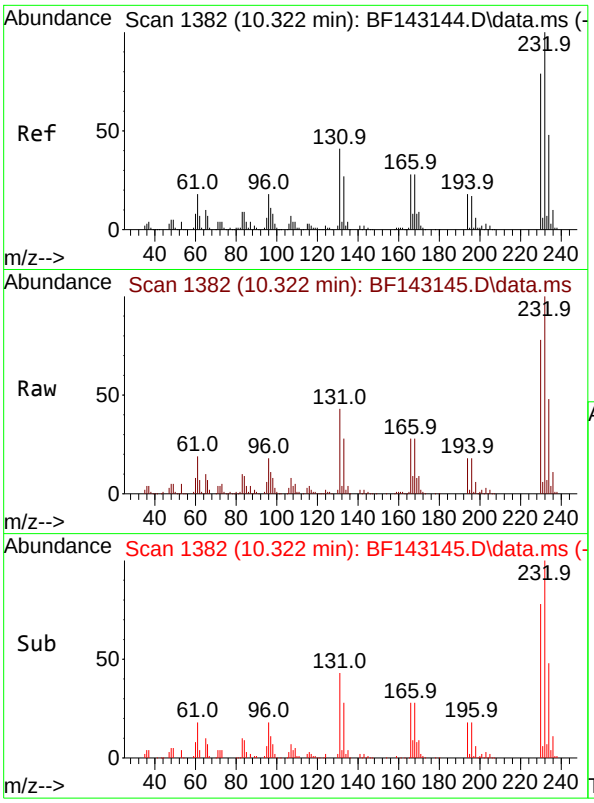


#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:166 Resp: 891646

Ion	Ratio	Lower	Upper
166	100		
165	91.0	73.7	110.5
167	13.6	10.6	16.0



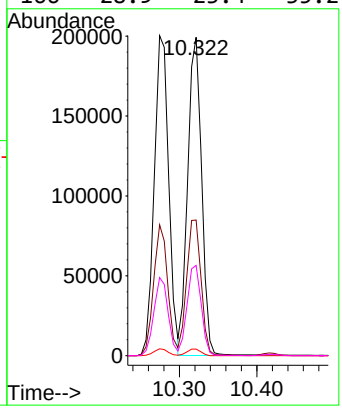


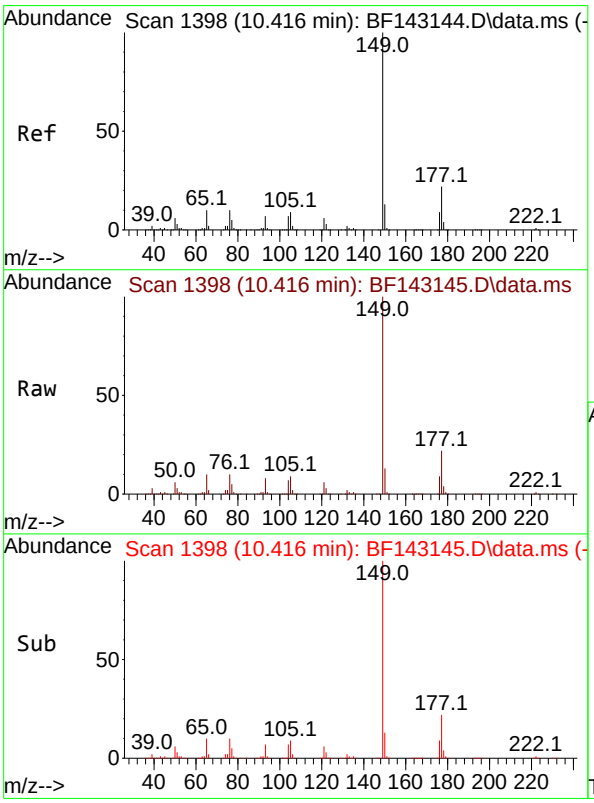
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 248745

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	28.9	23.4	35.2

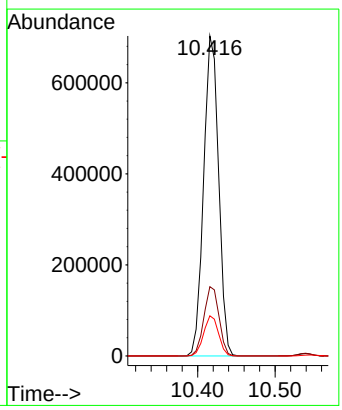


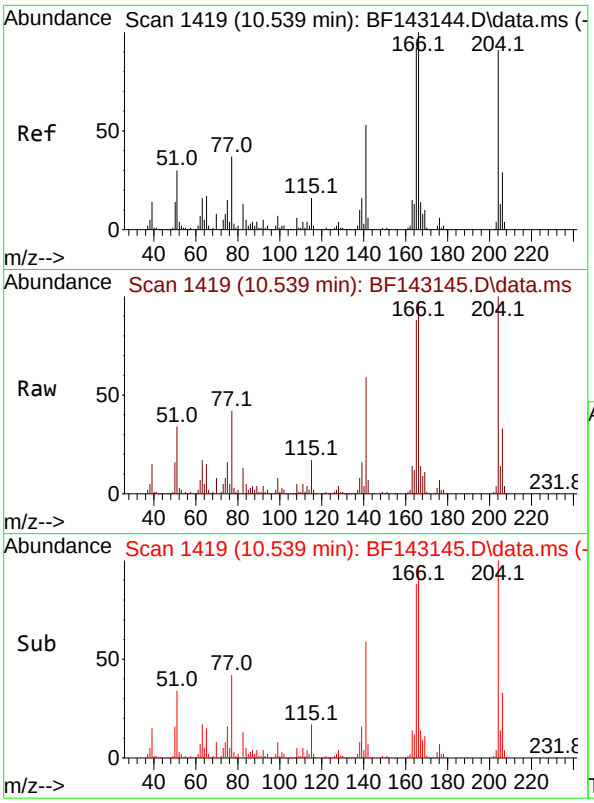


#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 942625

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.6	10.2	15.2



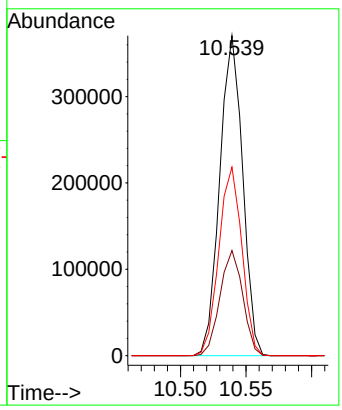


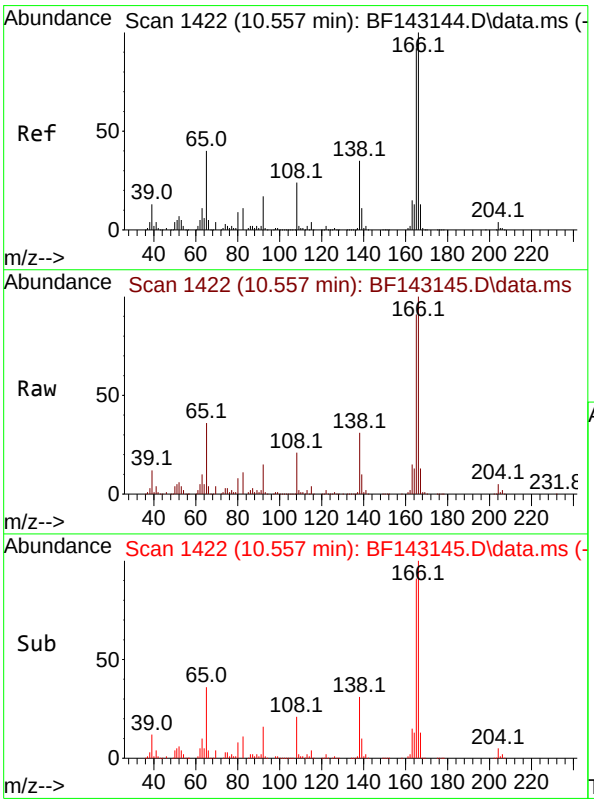
#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 449168

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	58.9	47.0	70.4

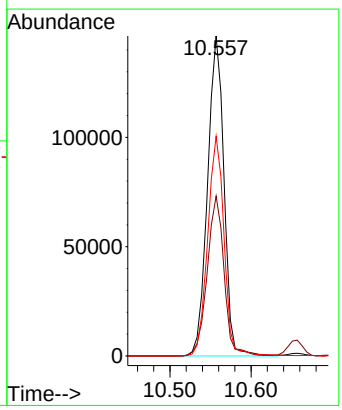


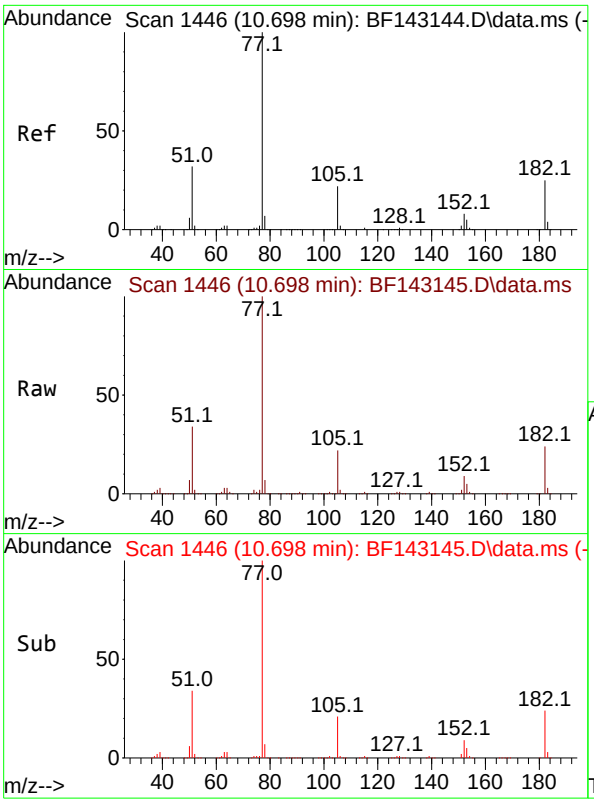


#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 205210

Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.3	69.3
108	68.7	48.3	88.3



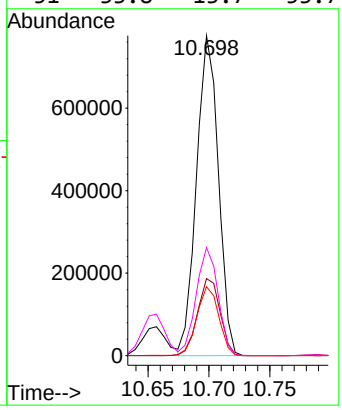


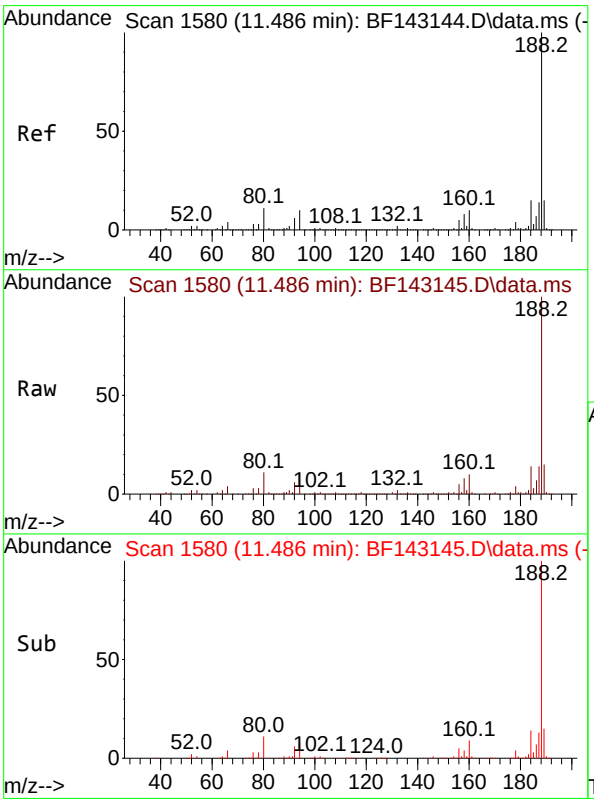
#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 966931

Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.6	44.6
105	21.6	1.4	41.4
51	33.8	13.7	53.7

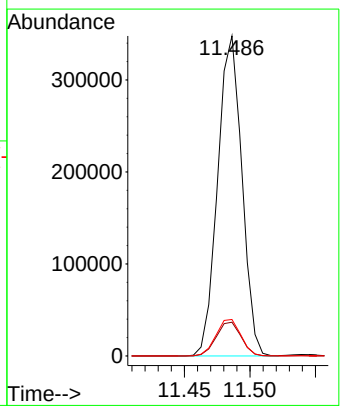


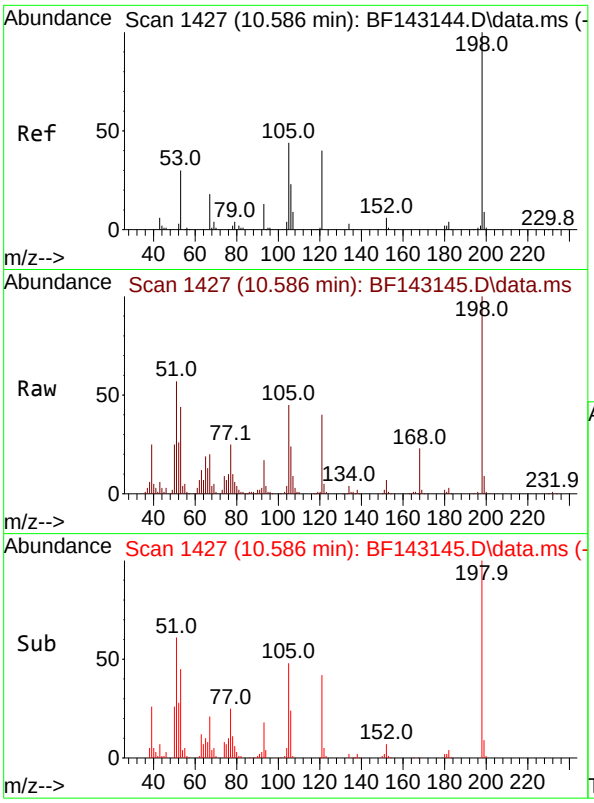


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:188 Resp: 447089

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.4	9.0	13.6



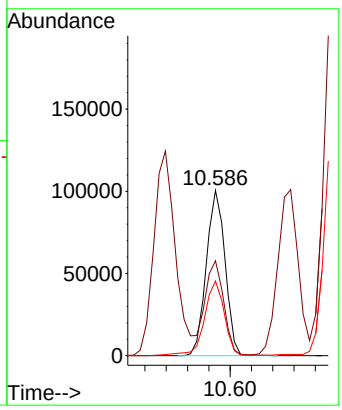


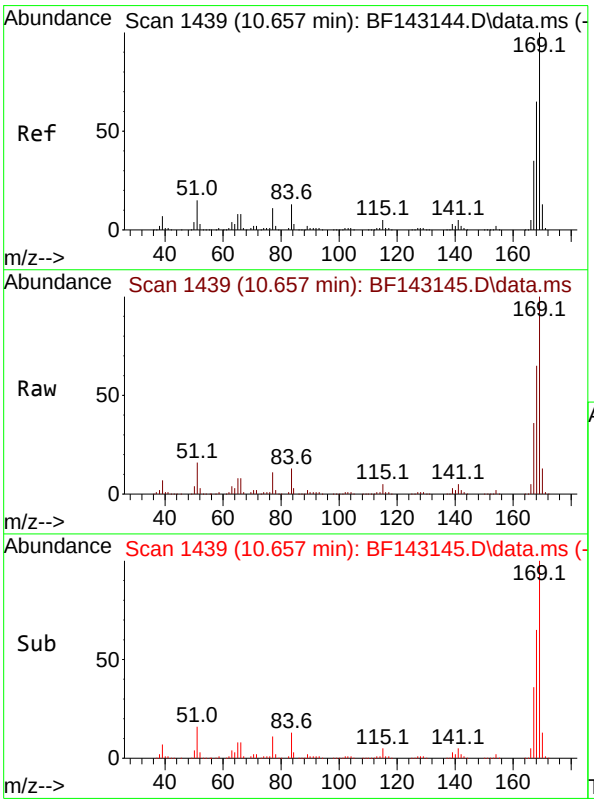
#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 122876

Ion	Ratio	Lower	Upper
198	100		
51	57.3	37.2	77.2
105	45.1	24.8	64.8

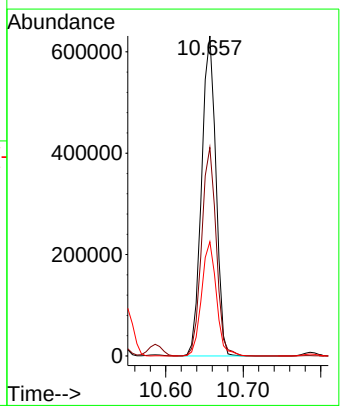


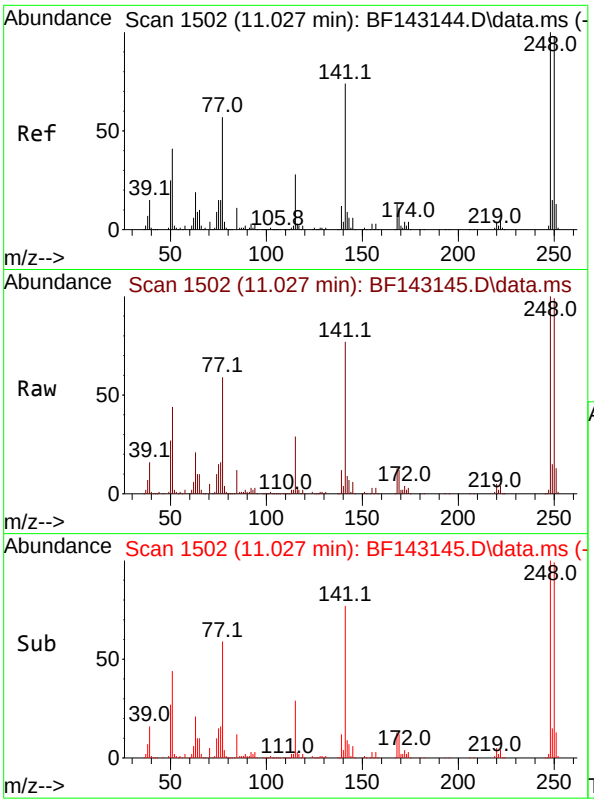


#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:169 Resp: 811422

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.7	28.2	42.2



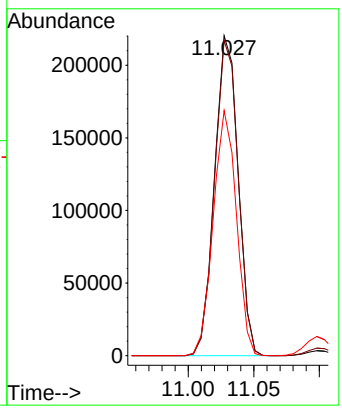


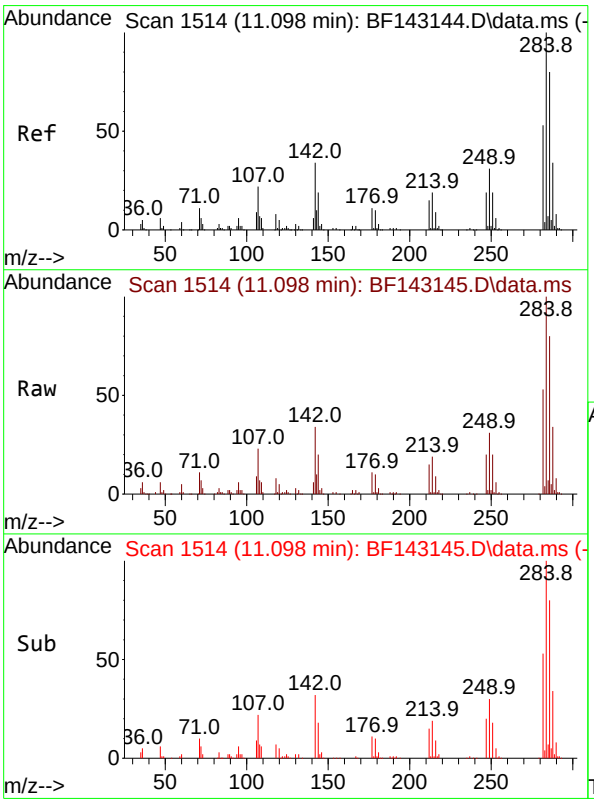
#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 275679

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.3	117.5
141	76.6	59.2	88.8

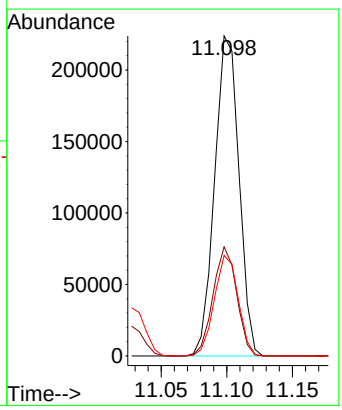


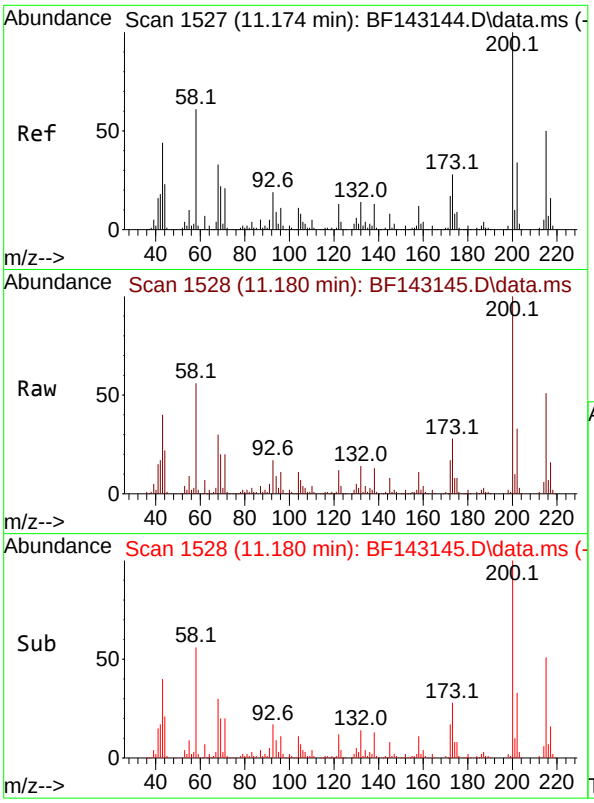


#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:284 Resp: 288405

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.0	40.6
249	31.4	25.0	37.6



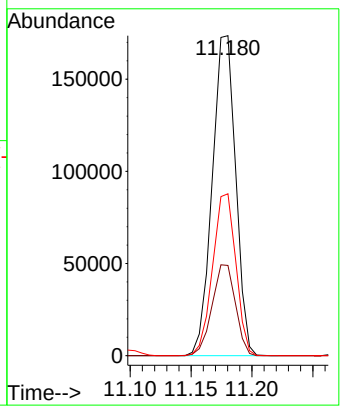


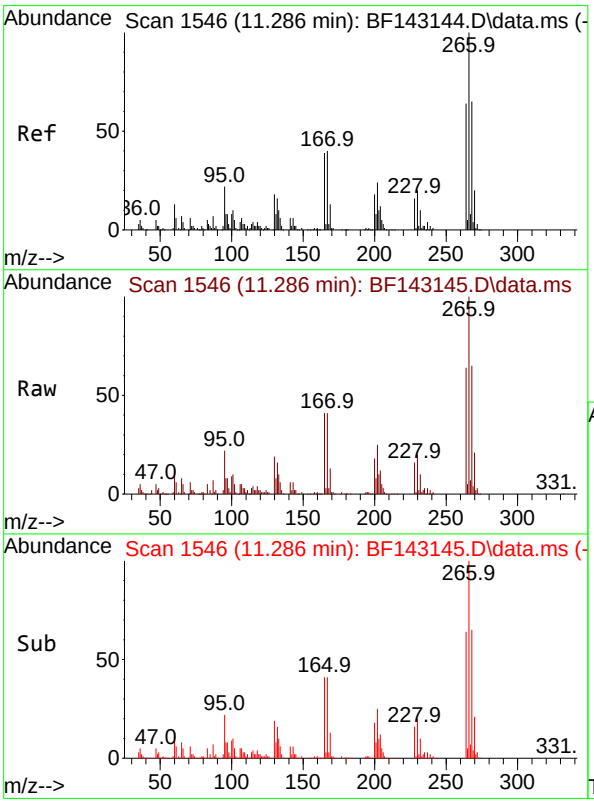
#69
Atrazine
Concen: 53.662 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 232907

Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.9	47.9
215	50.6	30.1	70.1

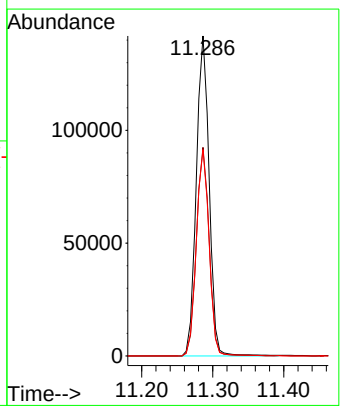


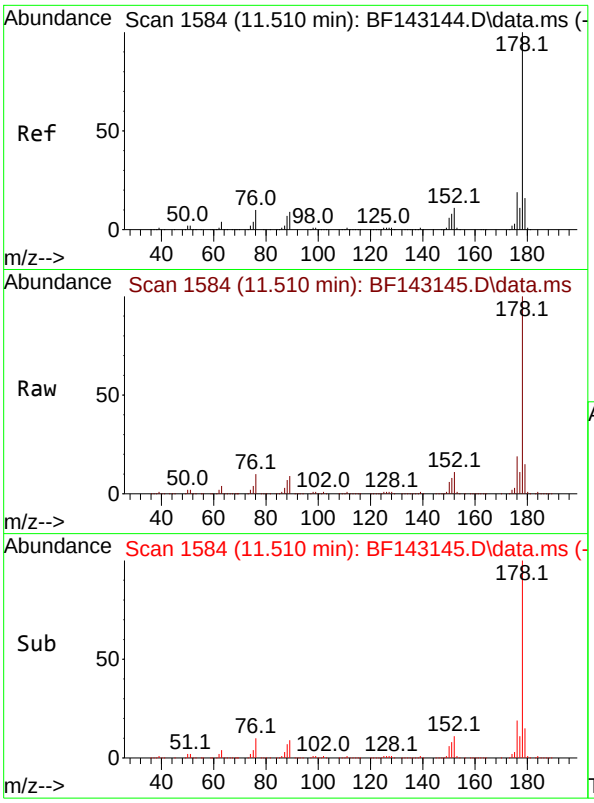


#70
Pentachlorophenol
Concen: 54.581 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:266 Resp: 178753

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.9	77.9
264	64.5	51.0	76.6



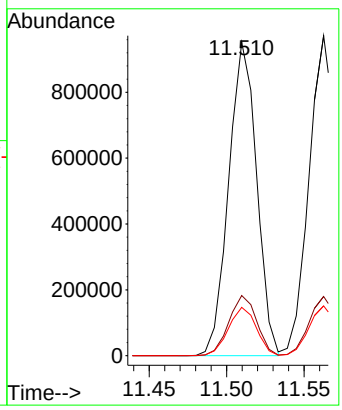


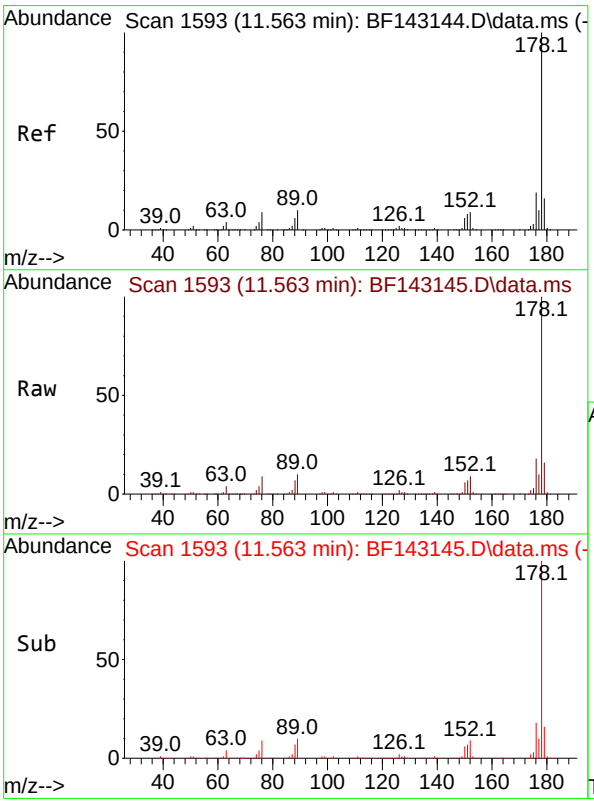
#71
Phenanthrene
Concen: 50.321 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1194582

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.5	18.7

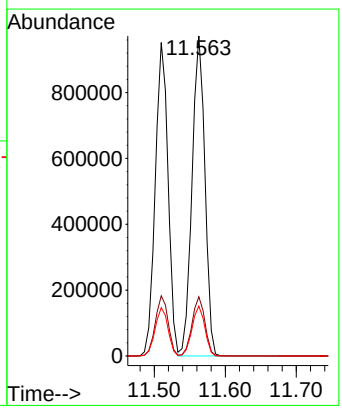


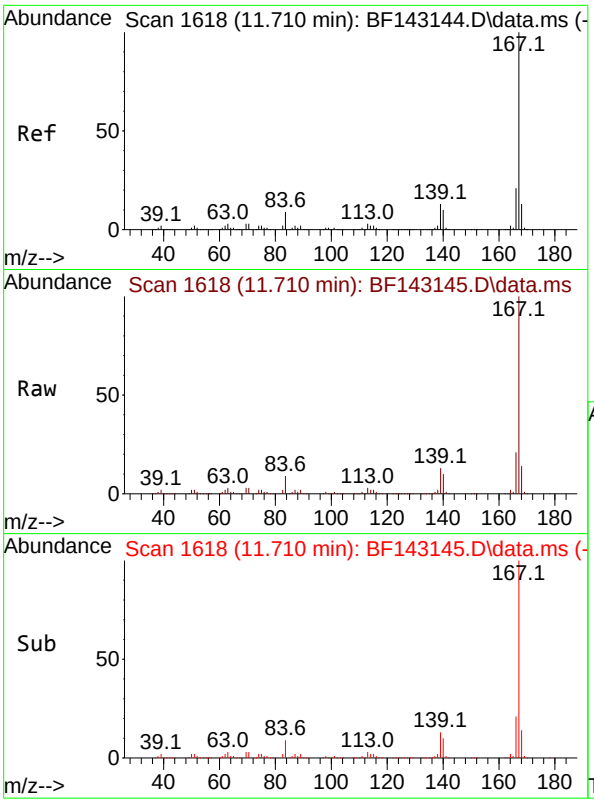


#72
Anthracene
Concen: 50.552 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 1223920

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.5	18.7



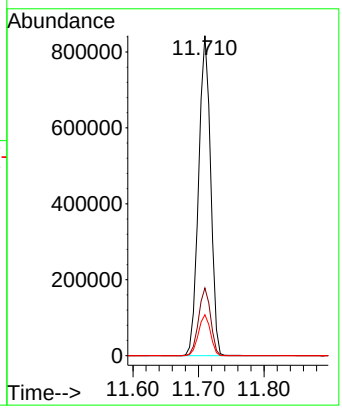


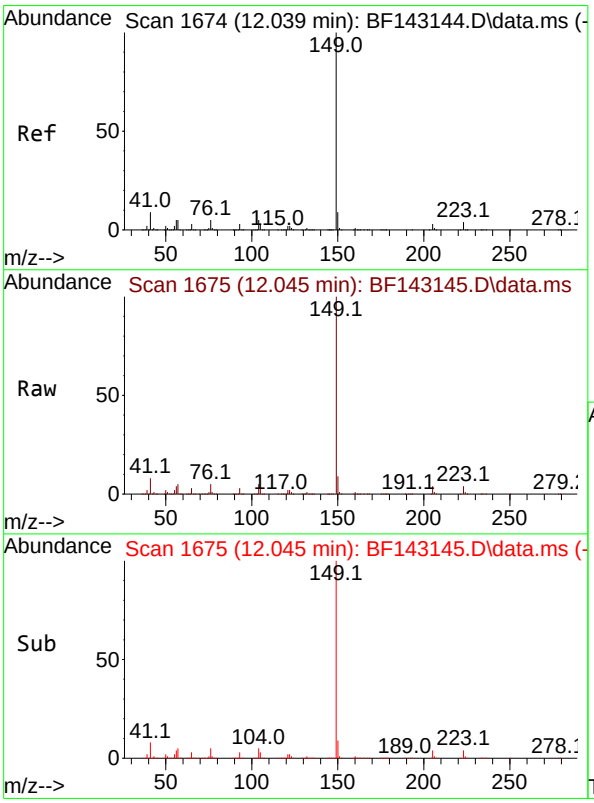
#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 1076803

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.0	15.0

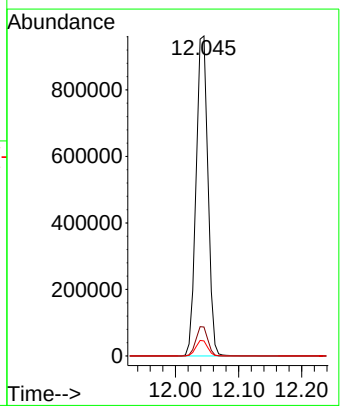


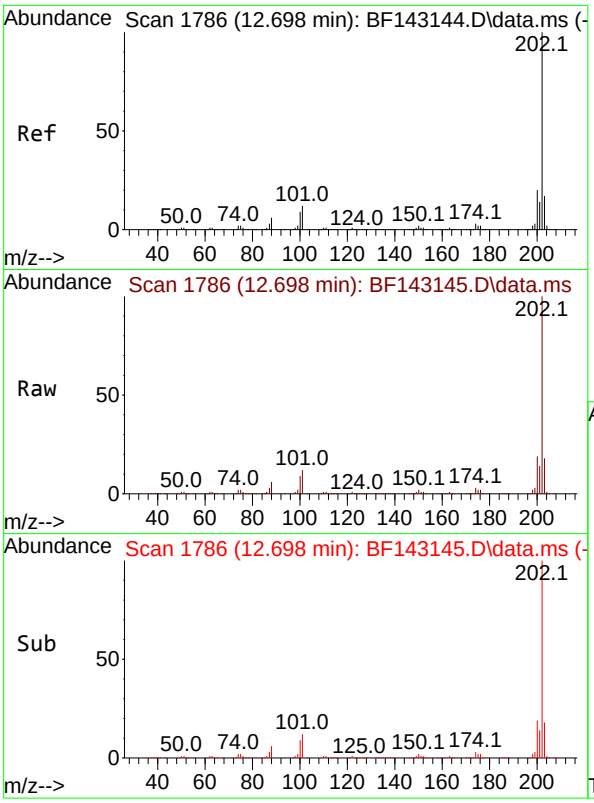


#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 1250841

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.7	3.8	5.8



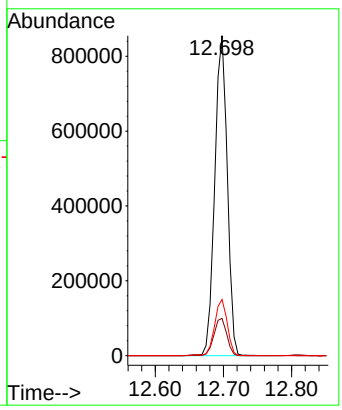


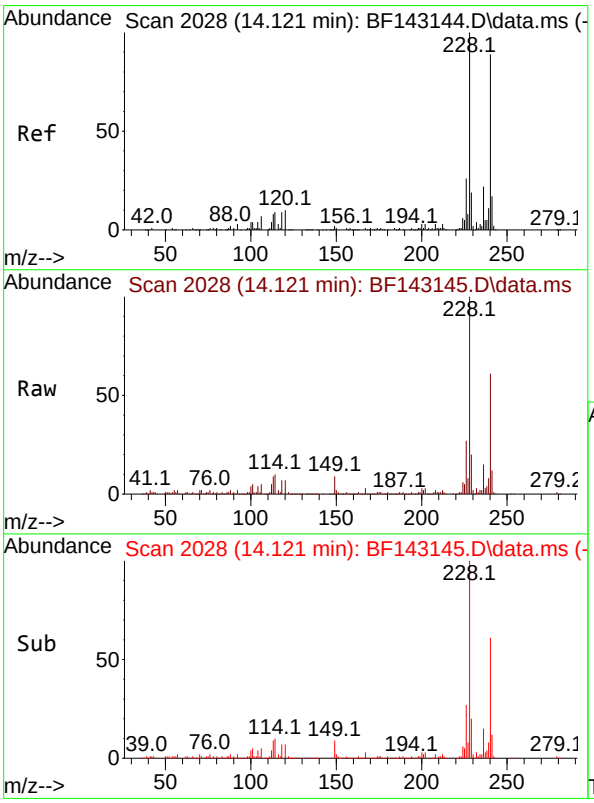
#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 1093890

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.6	0.0	37.4

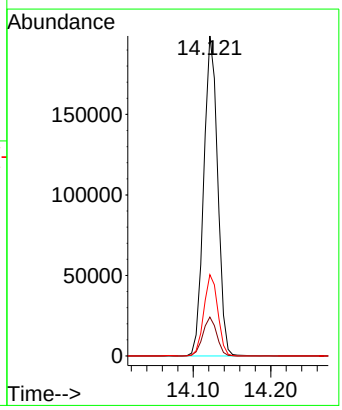


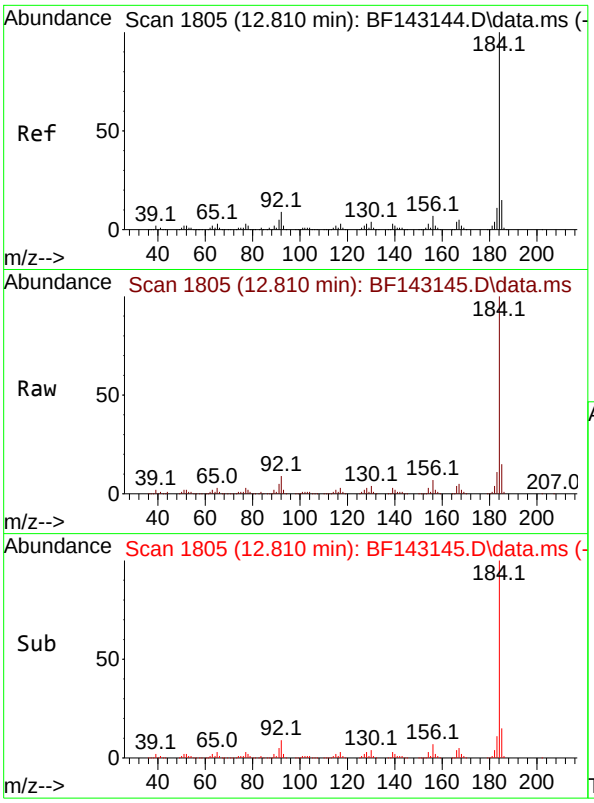


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:240 Resp: 247878

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	25.4	20.2	30.4



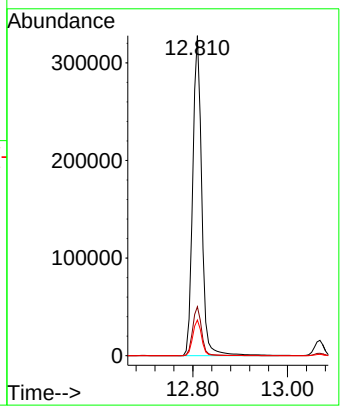


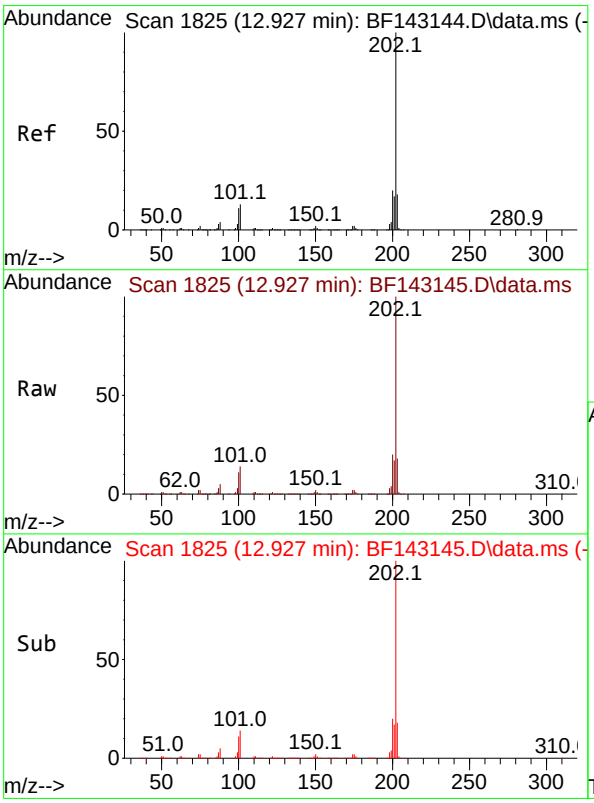
#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 431944

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4

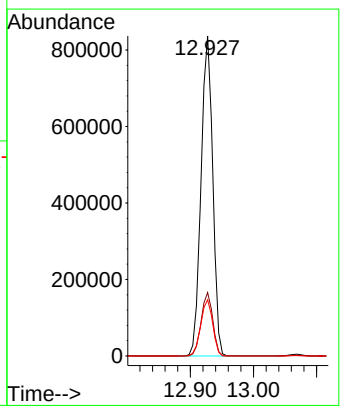


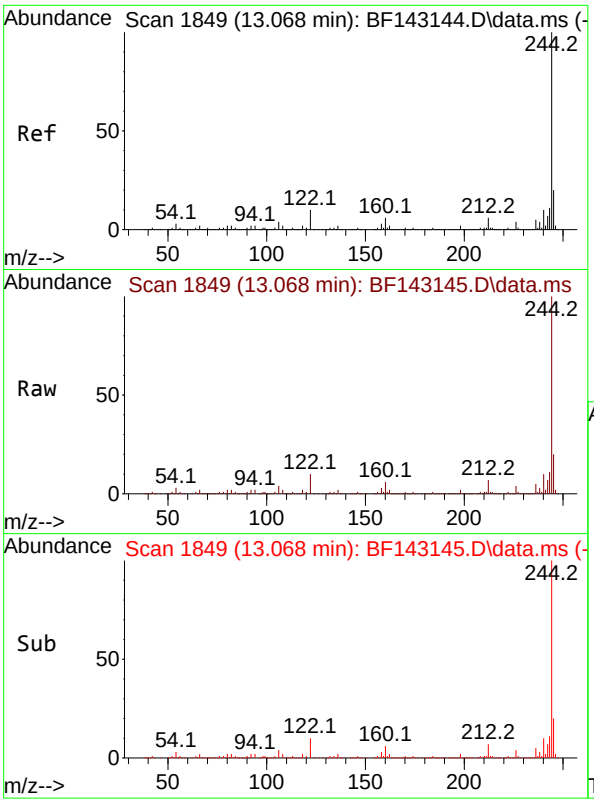


#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	14.2	21.2



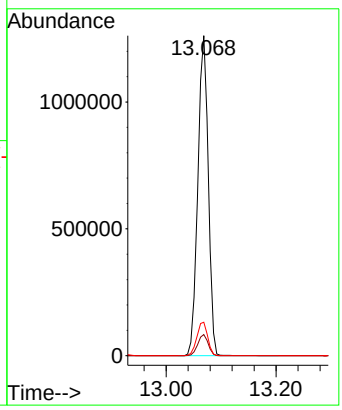


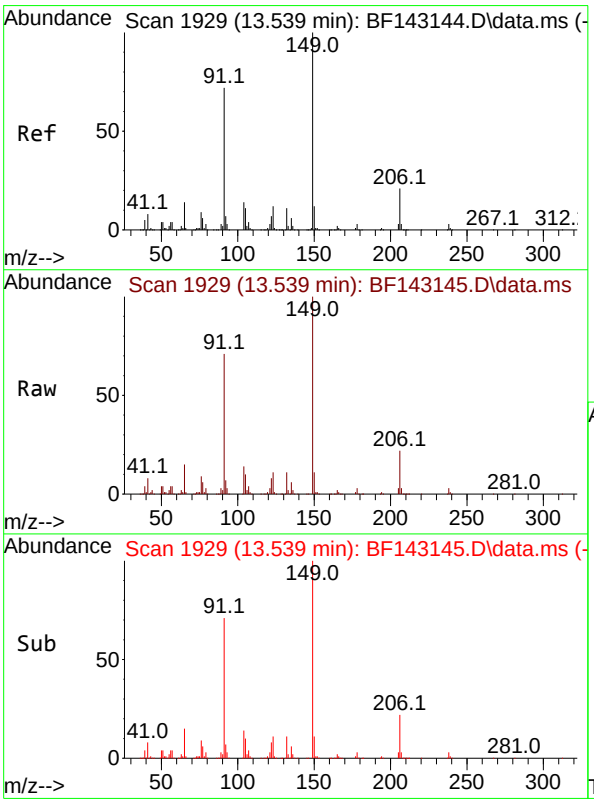
#79
Terphenyl-d14
Concen: 99.838 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1663033

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2

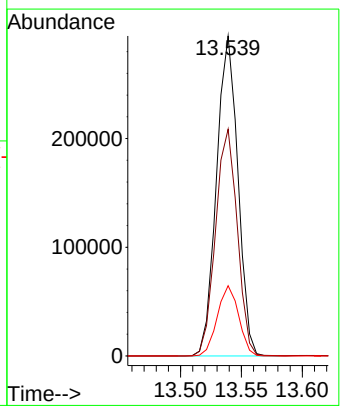


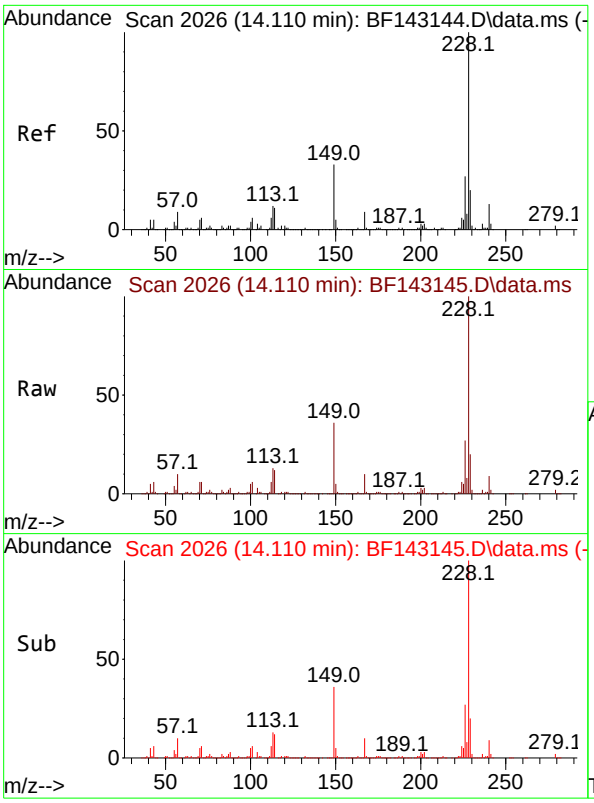


#80
Butylbenzylphthalate
Concen: 55.681 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 360698

Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.9	86.9
206	22.0	17.0	25.4



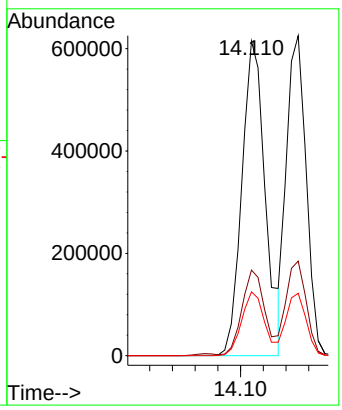


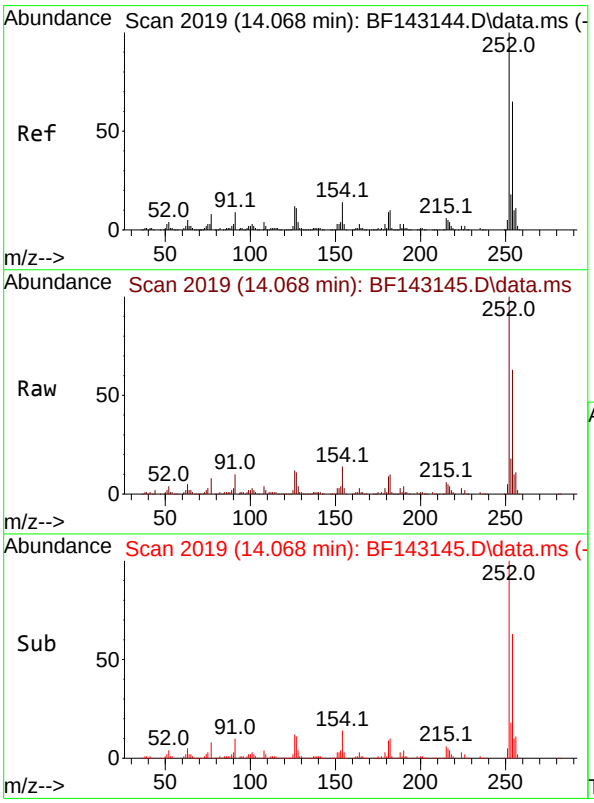
#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 880975

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.3	15.8	23.6

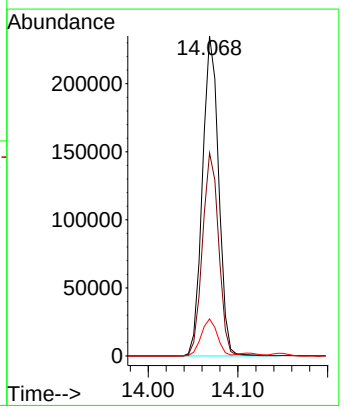


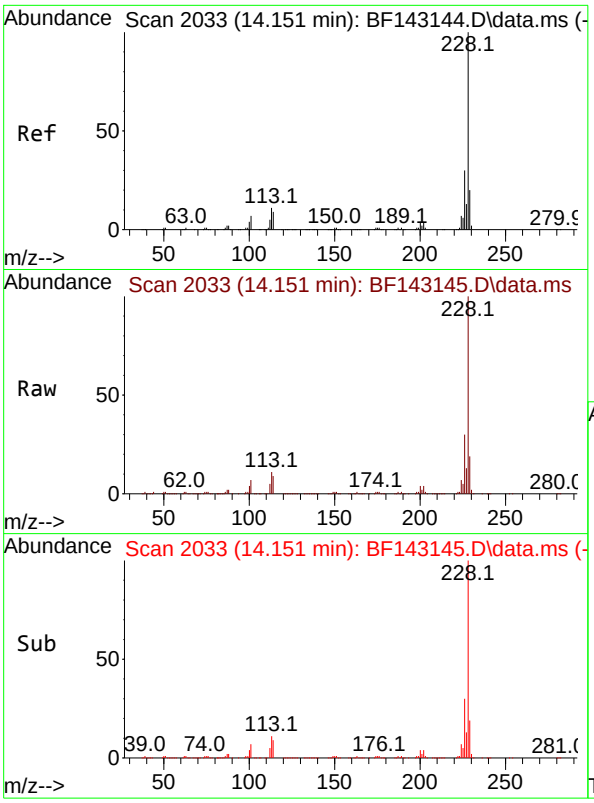


#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 294836

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.7	77.5
126	11.6	9.4	14.0



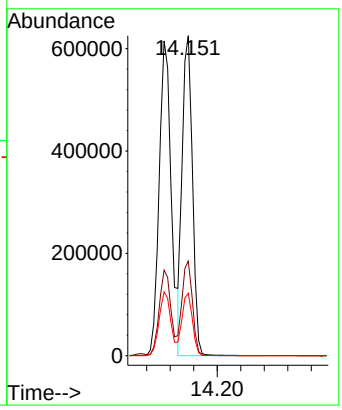


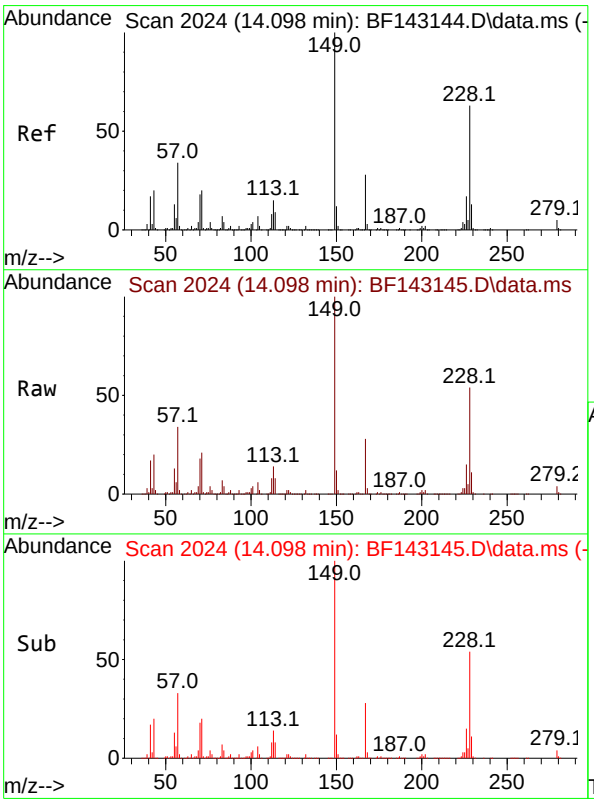
#83
Chrysene
Concen: 50.597 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 754953

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.5	15.6	23.4

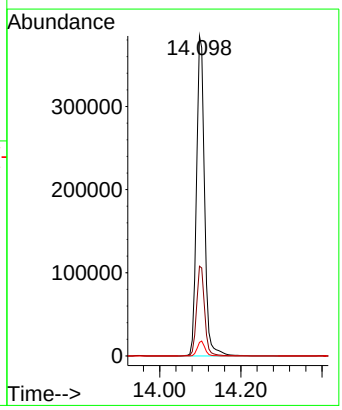


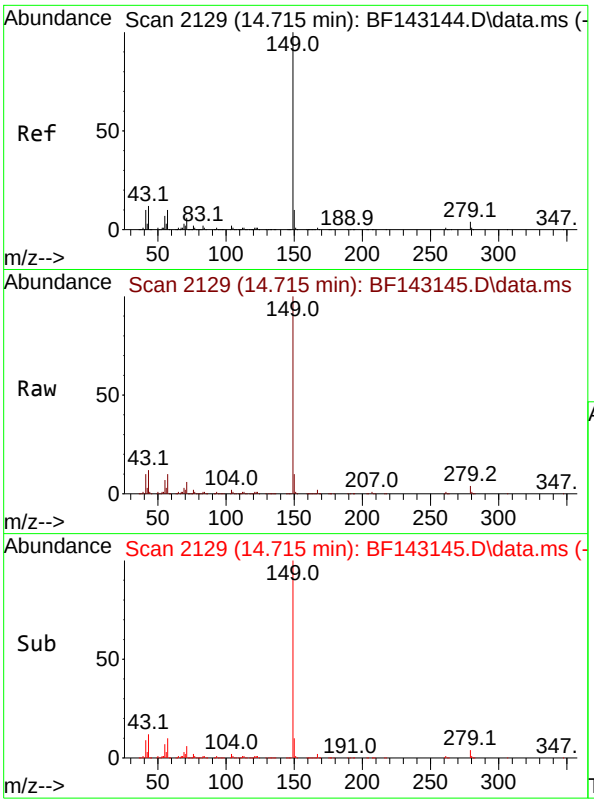


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.475 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 534128

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.3	3.6	5.4



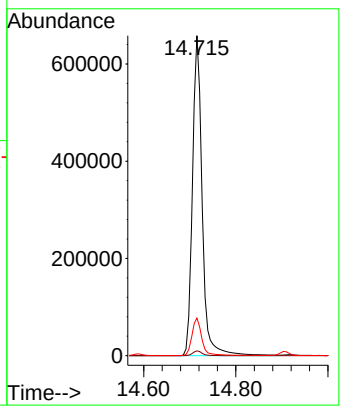


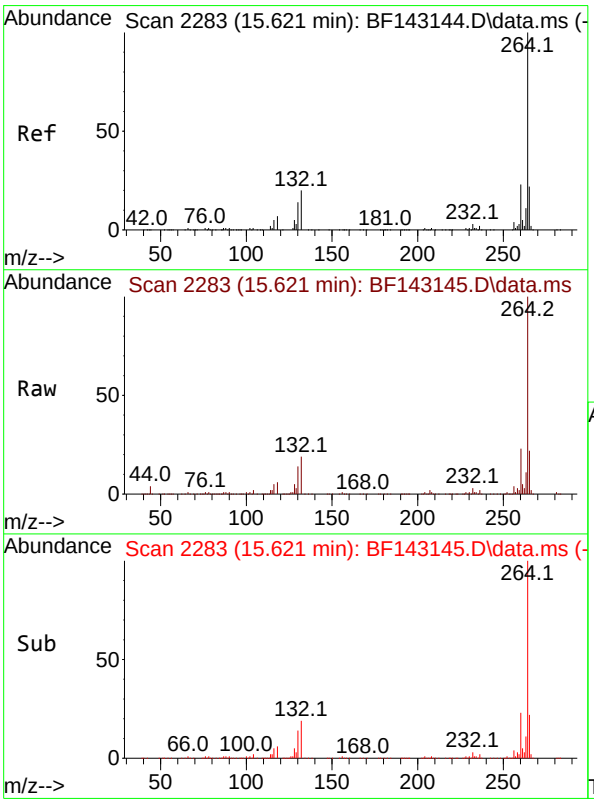
#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 960309

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.9	9.7	14.5

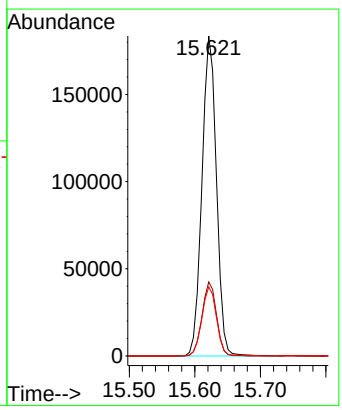


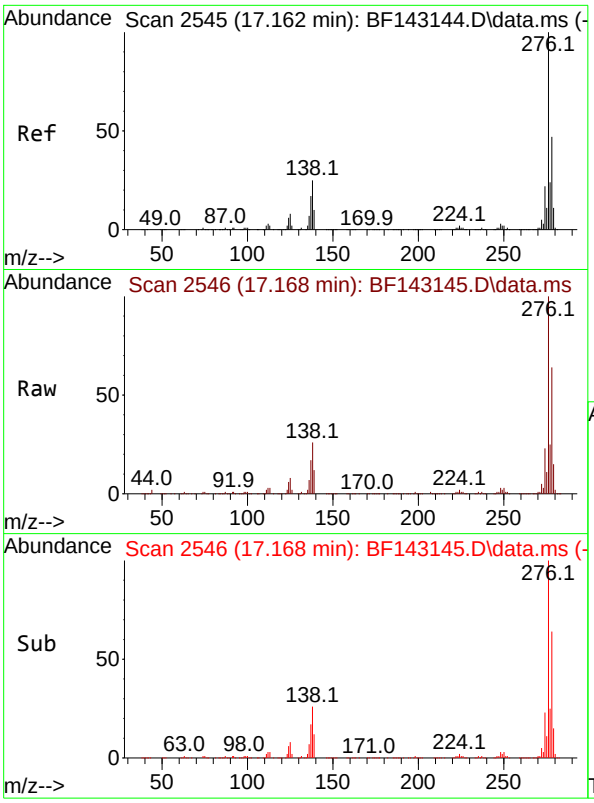


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.6	17.4	26.2



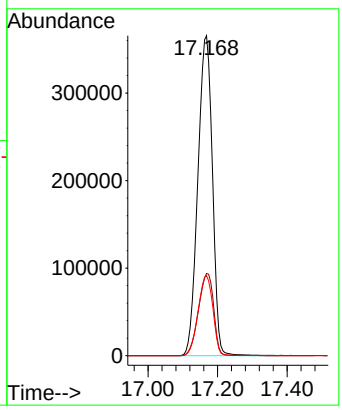


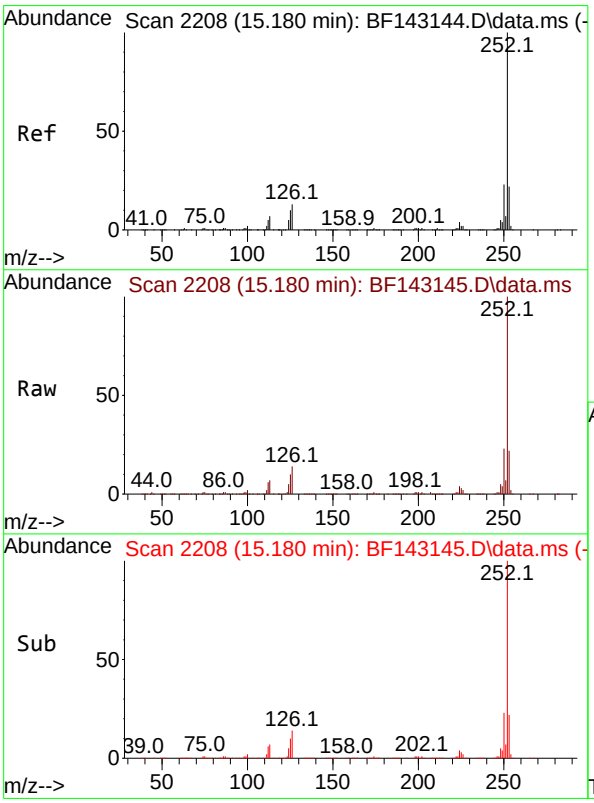
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 1061877

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.4	20.0	30.0

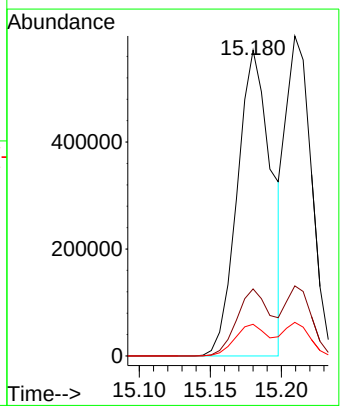


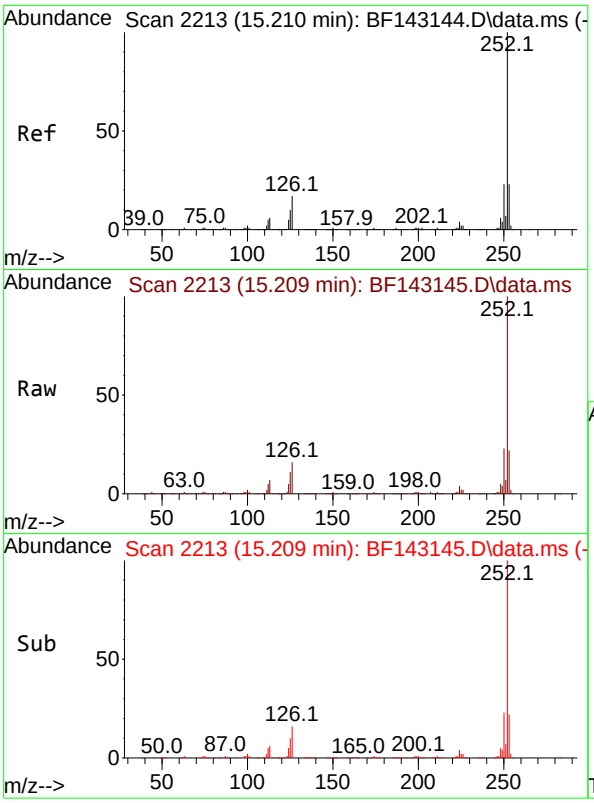


#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 953990

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	8.0	12.0



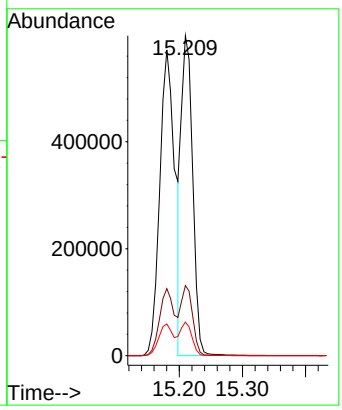


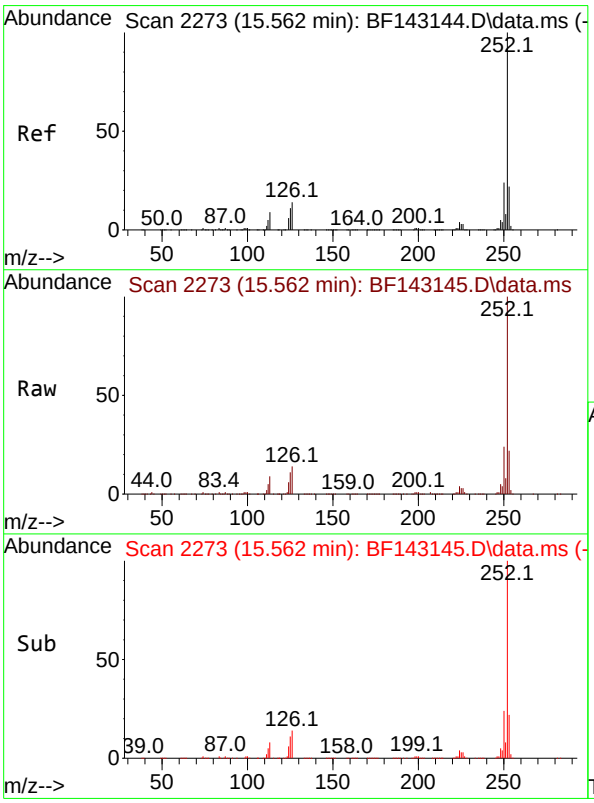
#89
Benzo(k)fluoranthene
Concen: 49.024 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 754417

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	8.1	12.1

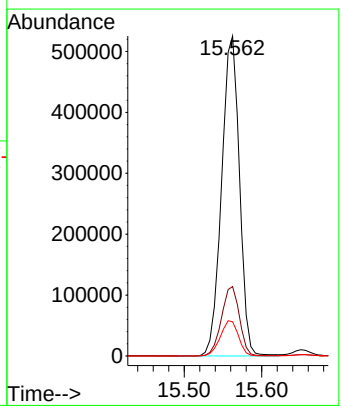


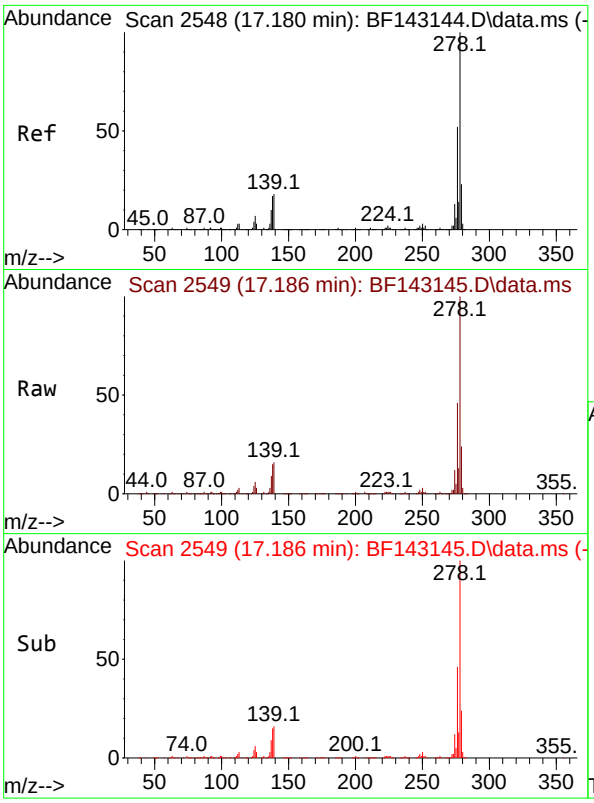


#90
Benzo(a)pyrene
Concen: 52.928 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 840968

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.7	8.6	13.0



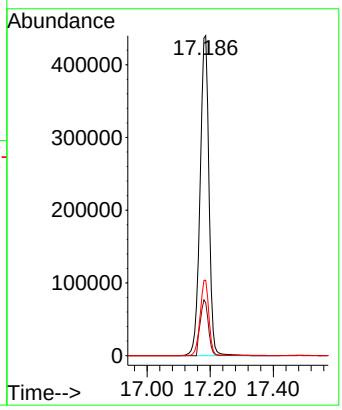


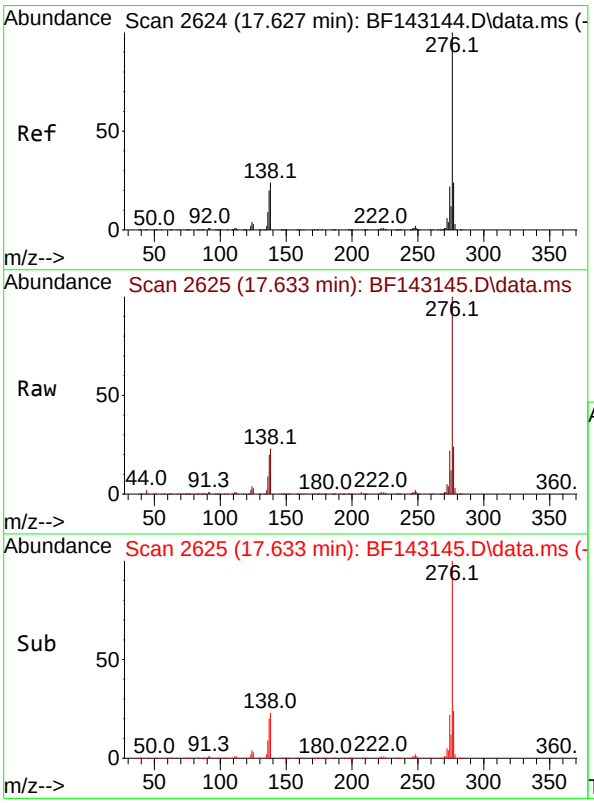
#91
Dibenzo(a,h)anthracene
Concen: 53.172 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 861467

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.1	21.1
279	23.5	18.6	28.0

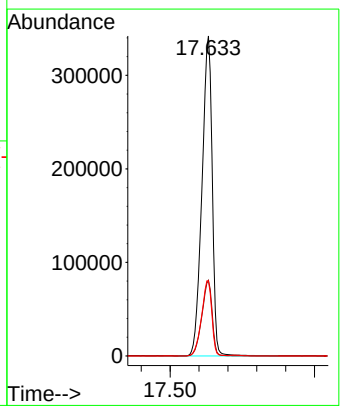




#92
Benzo(g,h,i)perylene
Concen: 53.845 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 843865

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	23.5	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	153150	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	573541	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	286544	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	442888	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264384	20.000	ng	0.00
86) Perylene-d12	15.621	264	315904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1096776	113.327	ng	0.00
7) Phenol-d6	6.587	99	1384010	113.616	ng	0.00
23) Nitrobenzene-d5	7.528	82	1367018	118.809	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	354678	119.817	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2274500	108.558	ng	0.00
79) Terphenyl-d14	13.069	244	1888544	106.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	268511	58.635	ng	99
3) Pyridine	3.581	79	700860	58.965	ng	99
4) n-Nitrosodimethylamine	3.534	42	369452	60.203	ng	99
6) Aniline	6.628	93	982918	57.896	ng	100
8) 2-Chlorophenol	6.751	128	589870	58.147	ng	98
9) Benzaldehyde	6.516	77	515585	56.445	ng	99
10) Phenol	6.604	94	797860	60.123	ng	96
11) bis(2-Chloroethyl)ether	6.698	93	588491	57.918	ng	99
12) 1,3-Dichlorobenzene	6.910	146	625605	56.769	ng	99
13) 1,4-Dichlorobenzene	6.981	146	623375	56.171	ng	98
14) 1,2-Dichlorobenzene	7.140	146	598571	56.708	ng	99
15) Benzyl Alcohol	7.098	79	548155	58.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1076628	57.120	ng	98
17) 2-Methylphenol	7.210	107	498077	58.393	ng	99
18) Hexachloroethane	7.481	117	225488	58.691	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	437750	56.012	ng	100
20) 3+4-Methylphenols	7.363	107	582354	56.273	ng	96
22) Acetophenone	7.375	105	760969	56.041	ng	99
24) Nitrobenzene	7.545	77	641832	59.832	ng	99
25) Isophorone	7.787	82	1202506	59.202	ng	99
26) 2-Nitrophenol	7.857	139	304218	65.345	ng	97
27) 2,4-Dimethylphenol	7.892	122	548823	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	696403	57.184	ng	99
29) 2,4-Dichlorophenol	8.098	162	466809	58.329	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	498478	57.653	ng	99
31) Naphthalene	8.269	128	1575696	55.784	ng	99
32) Benzoic acid	8.010	122	321703	58.961	ng	99
33) 4-Chloroaniline	8.310	127	659467	57.178	ng	99
34) Hexachlorobutadiene	8.392	225	307552	58.230	ng	99
35) Caprolactam	8.692	113	145894	60.327	ng	100
36) 4-Chloro-3-methylphenol	8.787	107	506142	58.186	ng	99
37) 2-Methylnaphthalene	8.957	142	966031	56.203	ng	99
38) 1-Methylnaphthalene	9.057	142	997009	56.329	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	479450	57.955	ng	99
41) Hexachlorocyclopentadiene	9.116	237	337833	62.761	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	344941	60.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

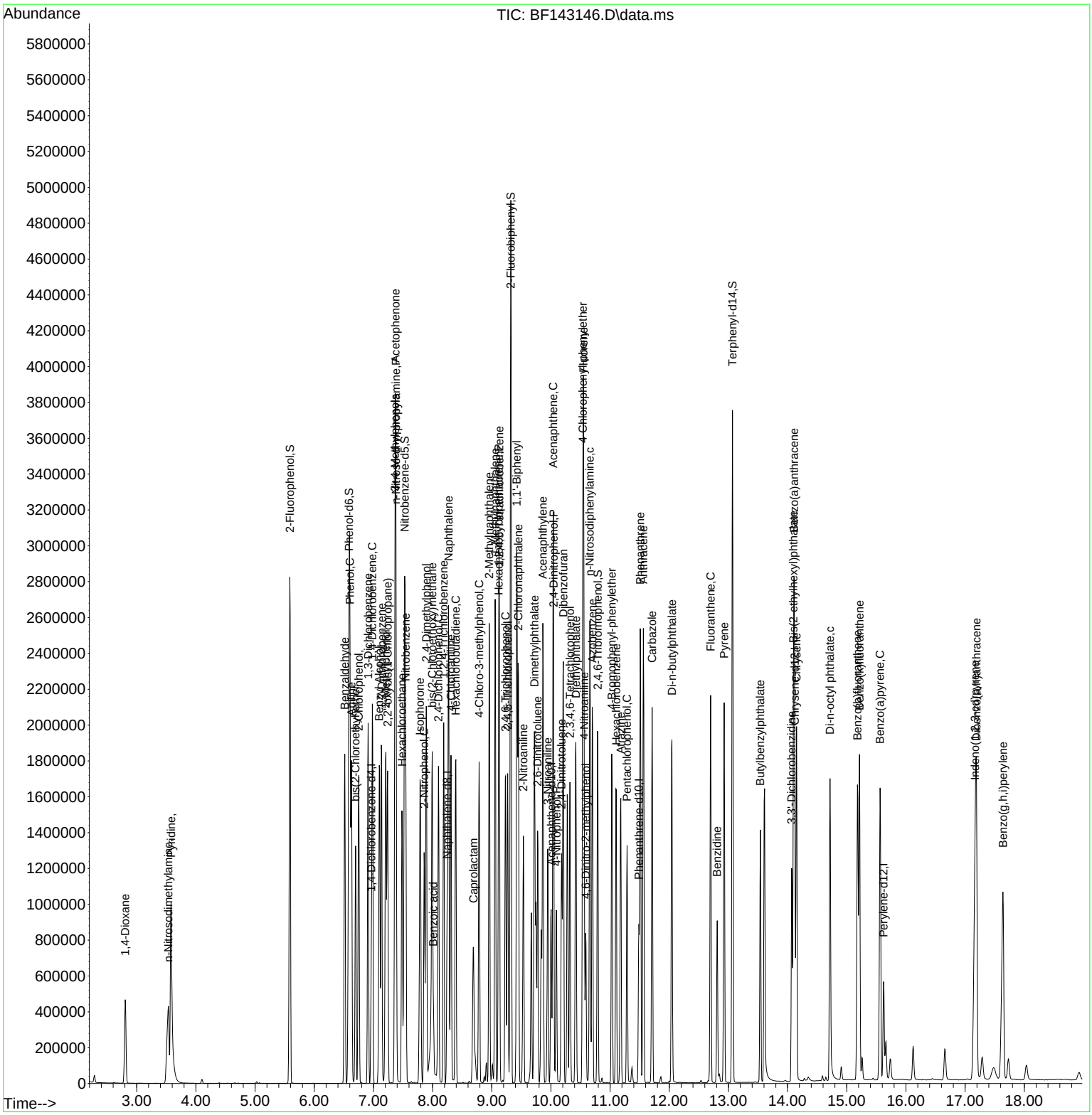
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	339656	59.305	ng	99
46) 1,1'-Biphenyl	9.422	154	1265588	56.610	ng	100
47) 2-Chloronaphthalene	9.451	162	948912	57.364	ng	100
48) 2-Nitroaniline	9.534	65	331501	63.904	ng	99
49) Acenaphthylene	9.863	152	1576240	56.860	ng	100
50) Dimethylphthalate	9.722	163	1075052	57.558	ng	100
51) 2,6-Dinitrotoluene	9.775	165	238103	62.665	ng	97
52) Acenaphthene	10.039	154	930883	56.814	ng	98
53) 3-Nitroaniline	9.945	138	273506	61.542	ng	100
54) 2,4-Dinitrophenol	10.045	184	101491	60.690	ng	72
55) Dibenzofuran	10.210	168	1364531	56.093	ng	100
56) 4-Nitrophenol	10.092	139	203477	61.312	ng	99
57) 2,4-Dinitrotoluene	10.181	165	304460	63.868	ng	97
58) Fluorene	10.551	166	997710	54.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	283124	59.678	ng	99
60) Diethylphthalate	10.422	149	1057851	57.301	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	516980	56.867	ng	99
62) 4-Nitroaniline	10.563	138	232488	61.037	ng	98
63) Azobenzene	10.698	77	1098772	57.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	144751	60.728	ng	98
66) n-Nitrosodiphenylamine	10.657	169	910468	58.380	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	318085	60.266	ng	99
68) Hexachlorobenzene	11.104	284	325779	59.054	ng	96
69) Atrazine	11.181	200	262374	61.024	ng	100
70) Pentachlorophenol	11.286	266	206417	63.625	ng	98
71) Phenanthrene	11.510	178	1331485	56.620	ng	100
72) Anthracene	11.563	178	1379601	57.522	ng	100
73) Carbazole	11.710	167	1194026	57.015	ng	100
74) Di-n-butylphthalate	12.045	149	1392335	58.757	ng	100
75) Fluoranthene	12.698	202	1232952	57.122	ng	99
77) Benzidine	12.810	184	476553	46.785	ng	100
78) Pyrene	12.927	202	1207978	53.536	ng	99
80) Butylbenzylphthalate	13.539	149	441334	63.875	ng	99
81) Benzo(a)anthracene	14.110	228	1041236	58.825	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	348979	59.155	ng	100
83) Chrysene	14.151	228	930545	58.472	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	655482	62.678	ng	100
85) Di-n-octyl phthalate	14.716	149	1196044	63.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1337361	60.037	ng	99
88) Benzo(b)fluoranthene	15.180	252	1125667	58.328	ng	100
89) Benzo(k)fluoranthene	15.216	252	1023132	59.411	ng	99
90) Benzo(a)pyrene	15.563	252	1062049	59.730	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1080768	59.610	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1055168	60.163	ng	99

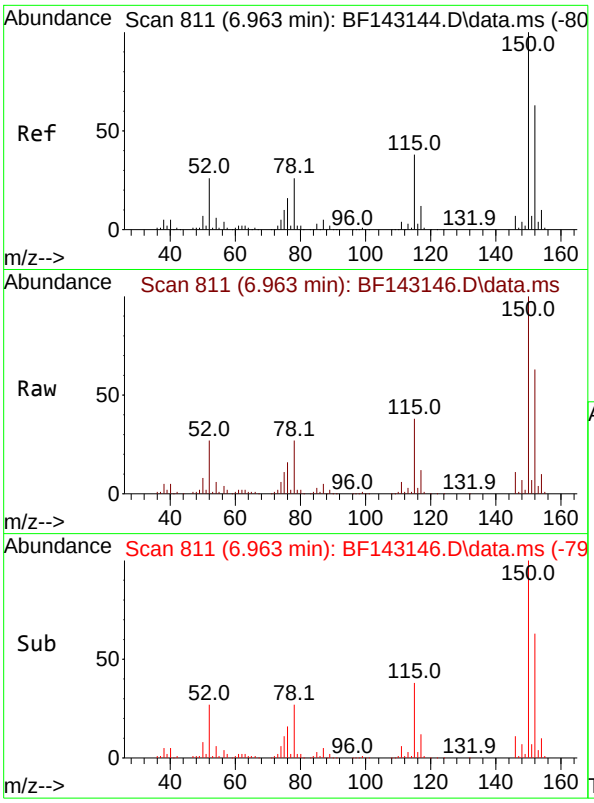
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



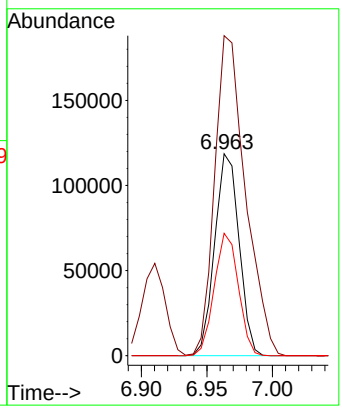


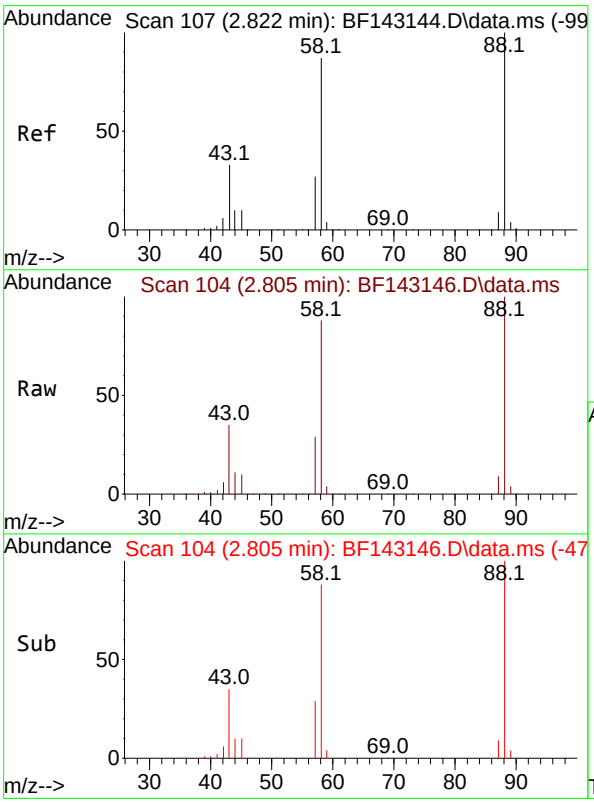
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 153150

Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.2	192.4
115	60.7	47.9	71.9

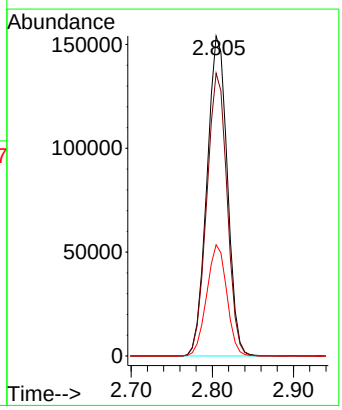


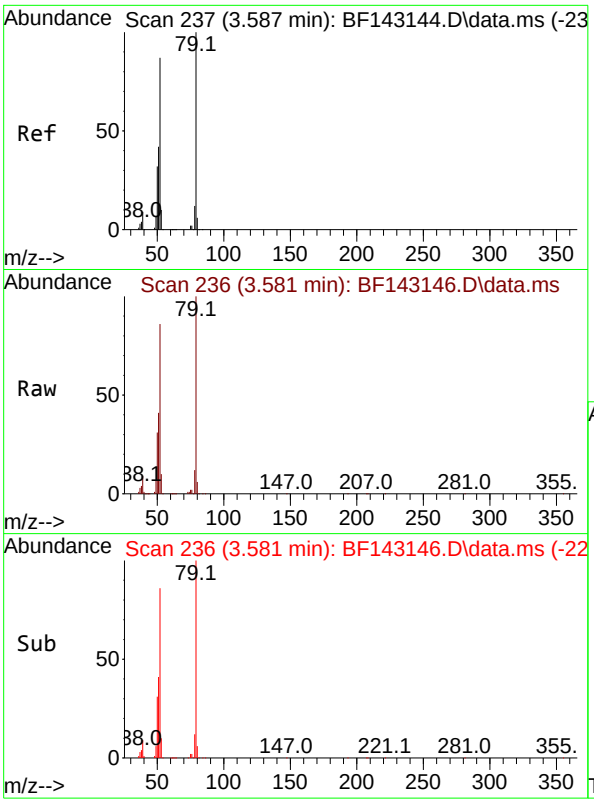


#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 88 Resp: 268511

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.2	105.2
43	34.2	27.1	40.7



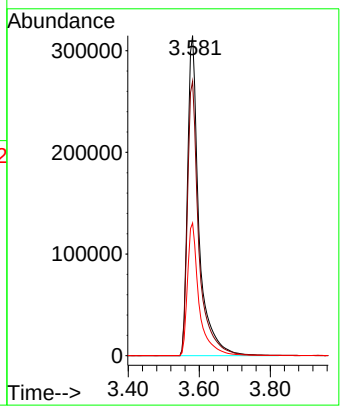


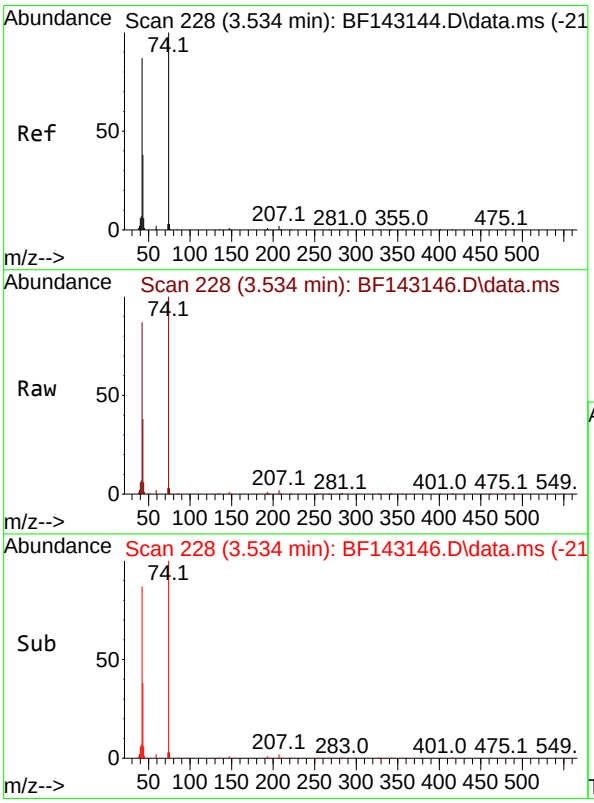
#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 700860

Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.4	104.2
51	41.4	33.5	50.3

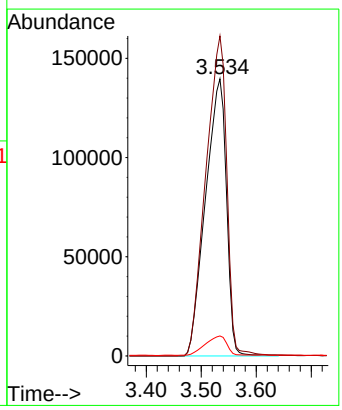


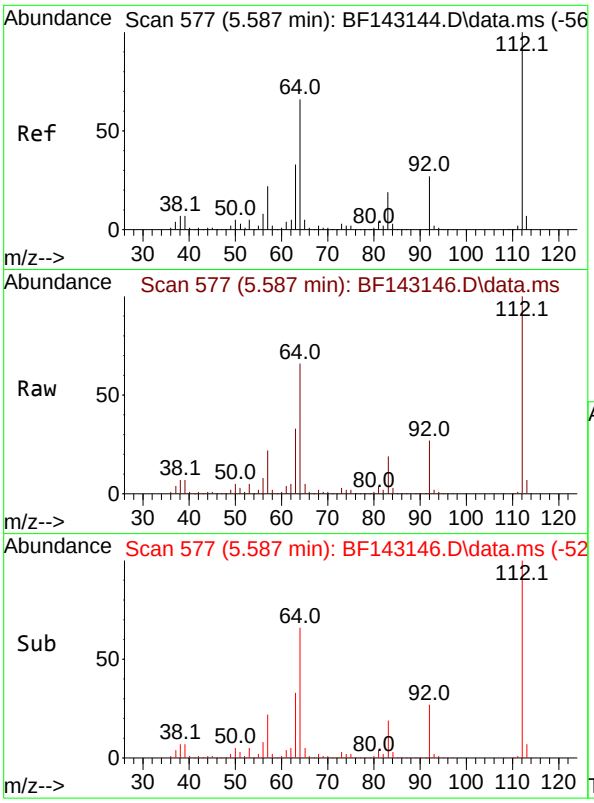


#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 42 Resp: 369452

Ion	Ratio	Lower	Upper
42	100		
74	115.5	91.7	137.5
44	7.2	5.6	8.4



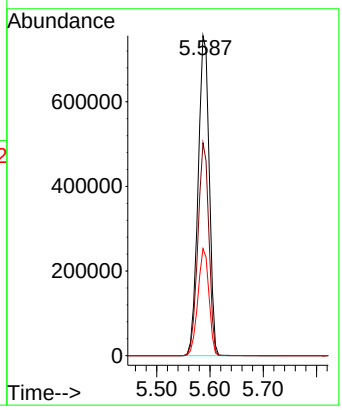


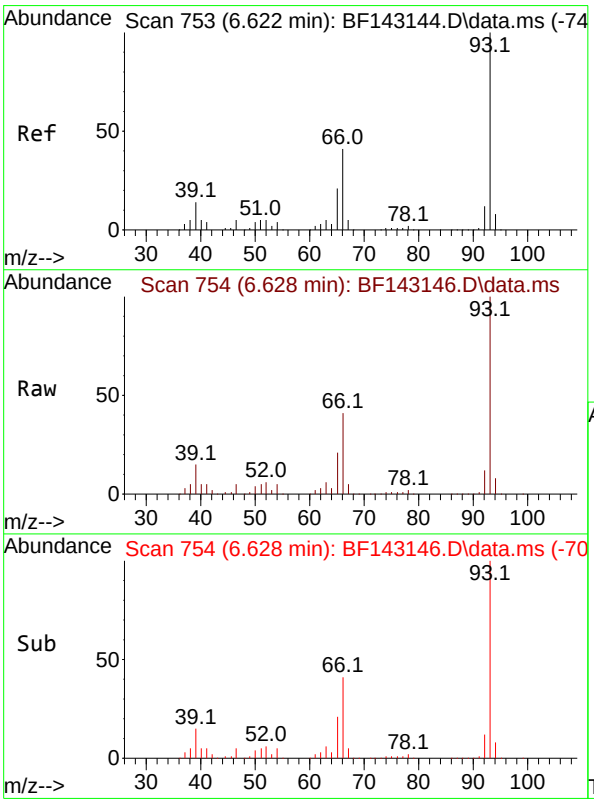
#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1096776

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	33.4	26.6	40.0

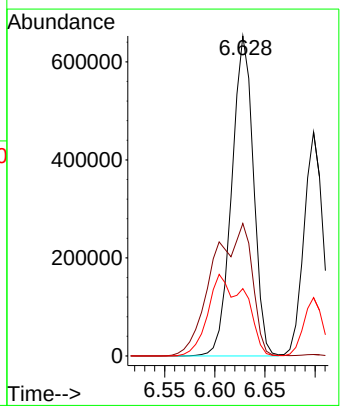


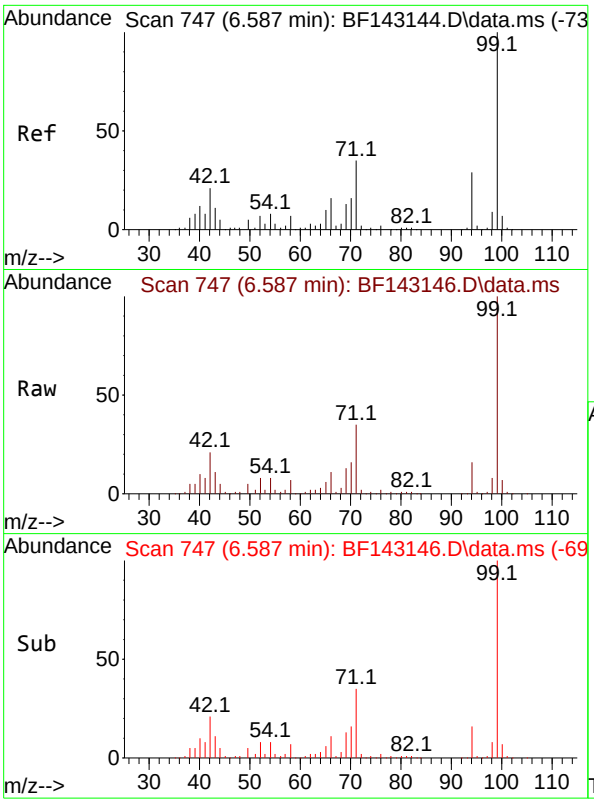


#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918

Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.2	49.8
65	21.0	16.9	25.3



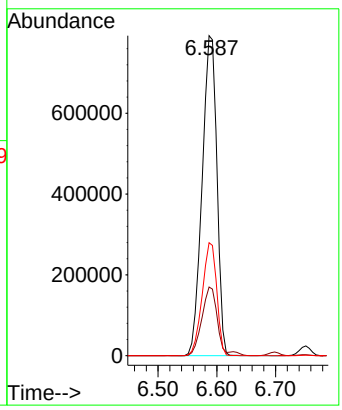


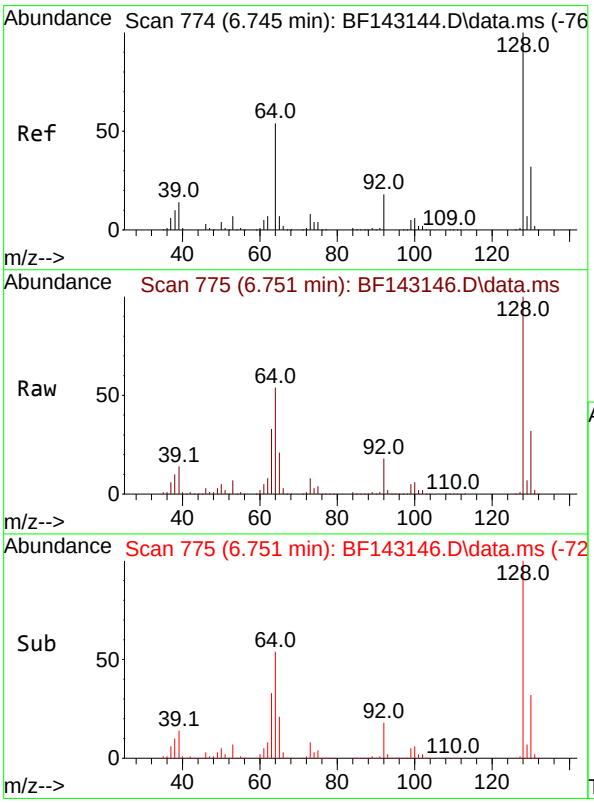
#7
Phenol-d6
Concen: 113.616 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1384010

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	35.3	27.7	41.5

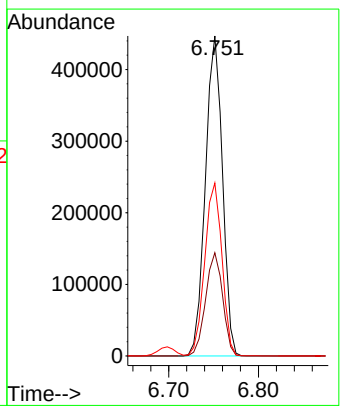


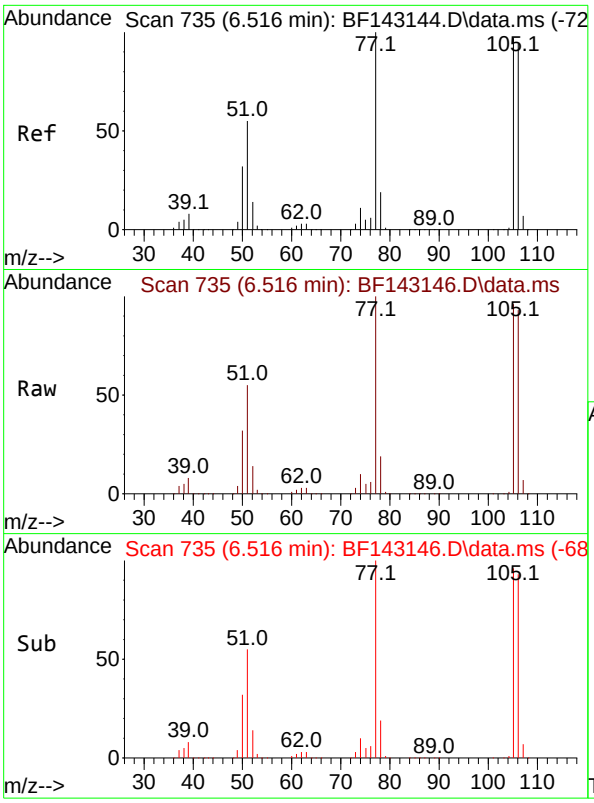


#8
2-Chlorophenol
Concen: 58.147 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 589870

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	54.0	35.9	75.9



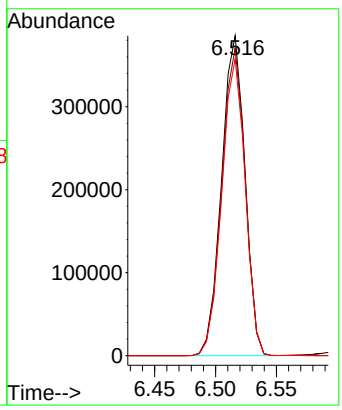


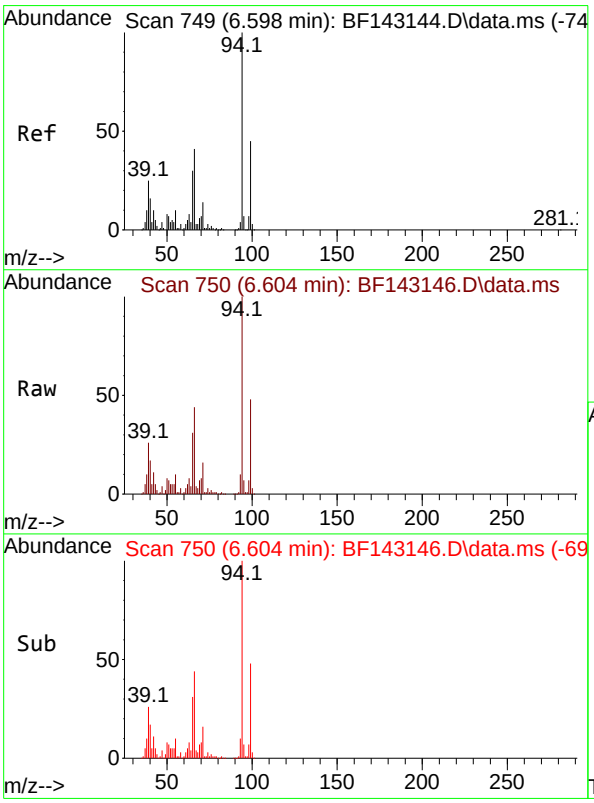
#9
Benzaldehyde
Concen: 56.445 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 515585

Ion	Ratio	Lower	Upper
77	100		
105	96.1	76.8	116.8
106	92.7	74.4	114.4

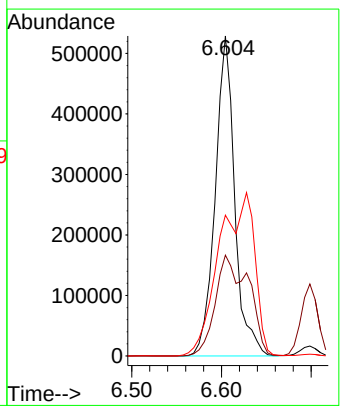


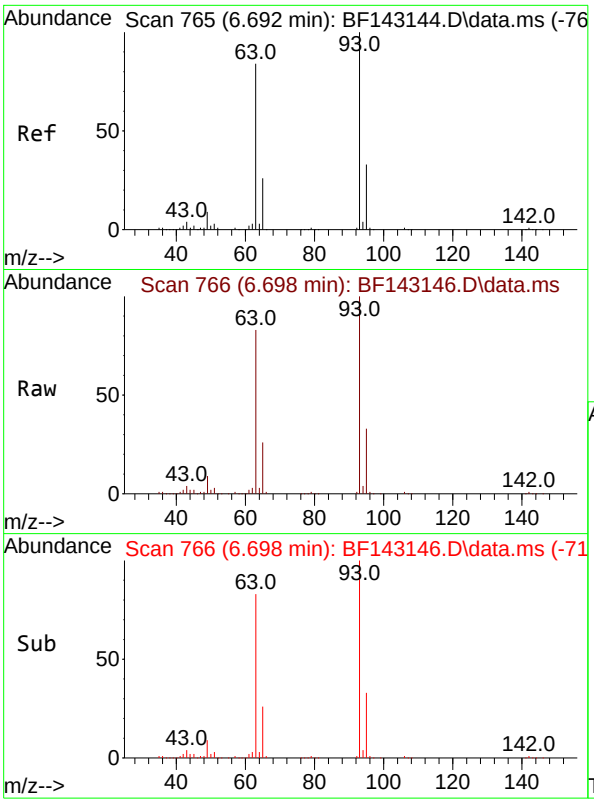


#10
Phenol
Concen: 60.123 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 94 Resp: 797860

Ion	Ratio	Lower	Upper
94	100		
65	31.5	10.0	50.0
66	44.0	20.8	60.8



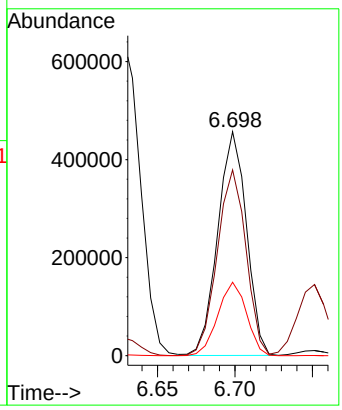


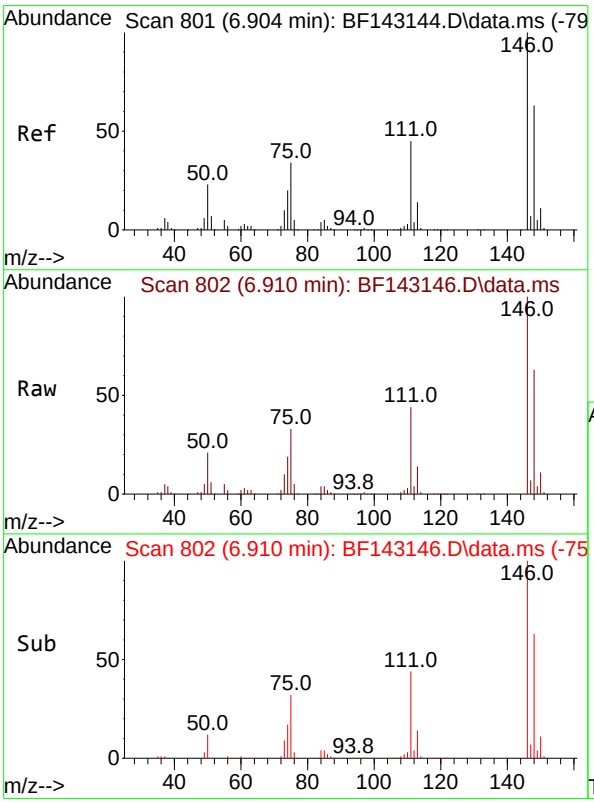
#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 588491

Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.4	103.4
95	32.8	12.4	52.4

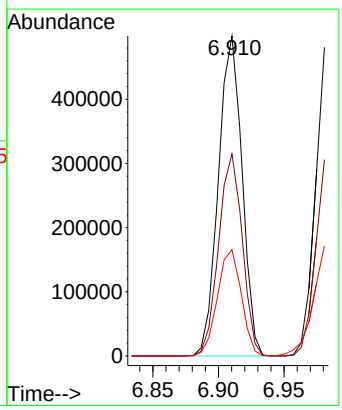


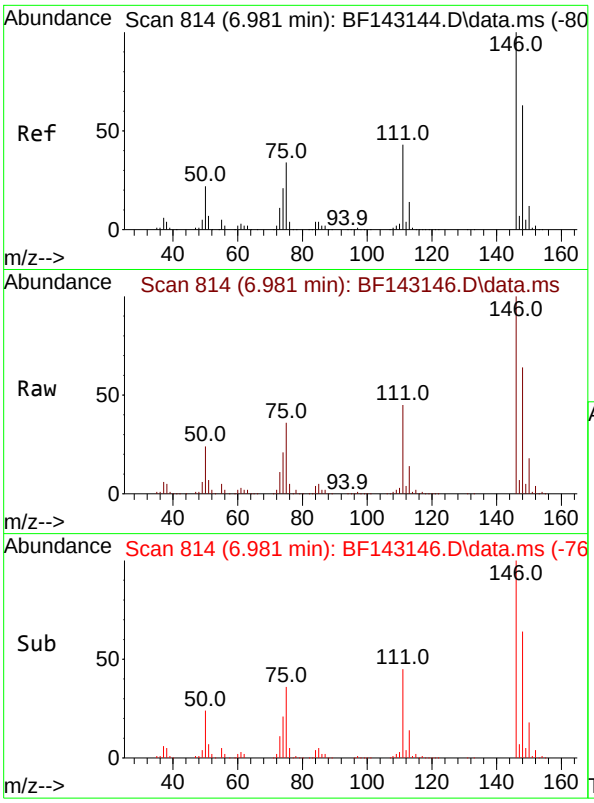


#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.2	27.4	41.2



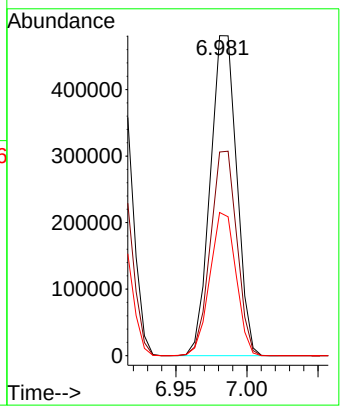


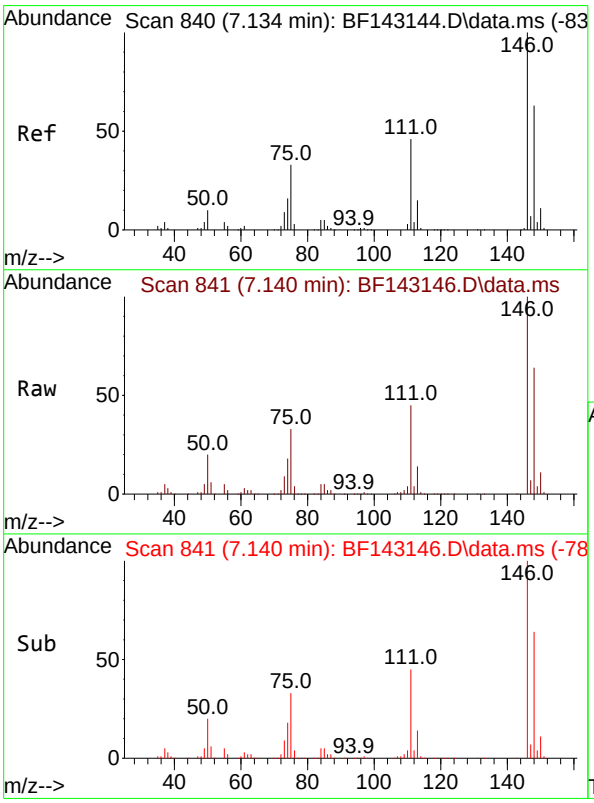
#13
1,4-Dichlorobenzene
Concen: 56.171 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 623375

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	44.7	34.4	51.6

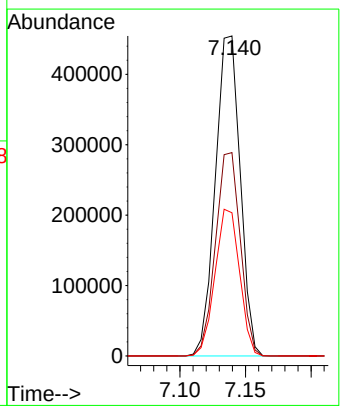


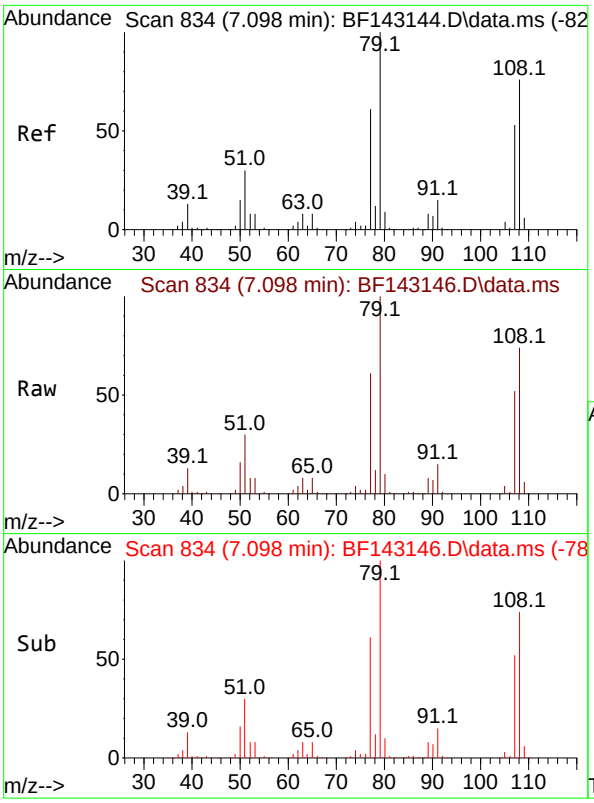


#14
1,2-Dichlorobenzene
Concen: 56.708 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 598571

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.8	36.6	54.8



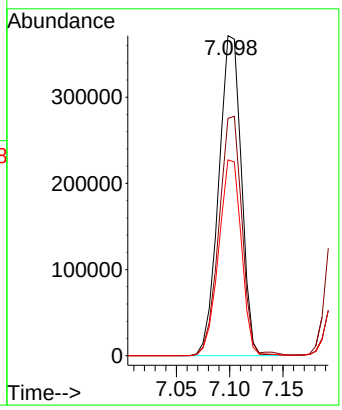


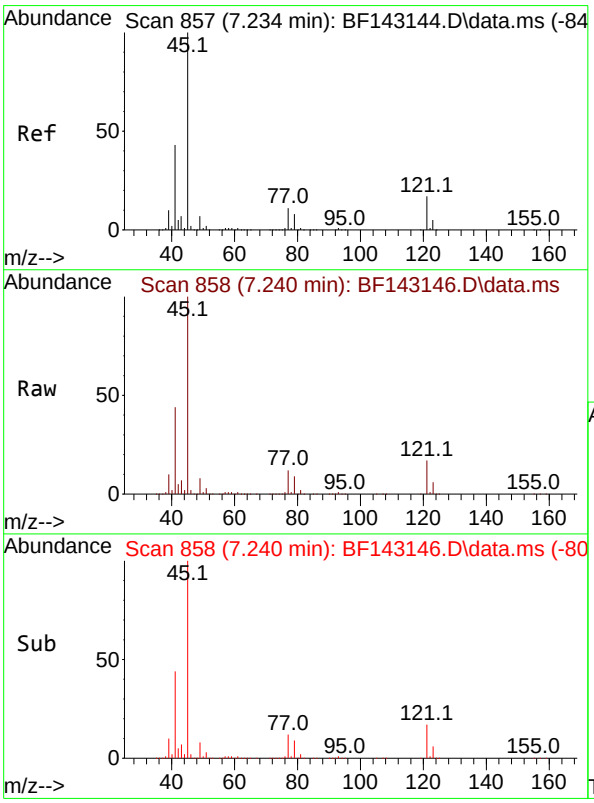
#15
Benzyl Alcohol
Concen: 58.934 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 548155

Ion	Ratio	Lower	Upper
79	100		
108	74.2	61.1	91.7
77	61.2	48.9	73.3

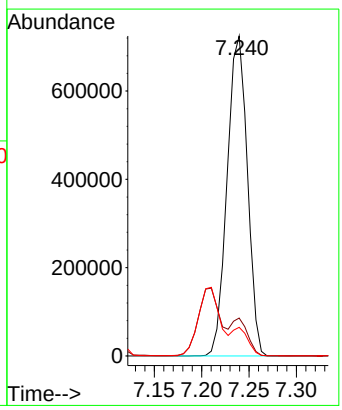


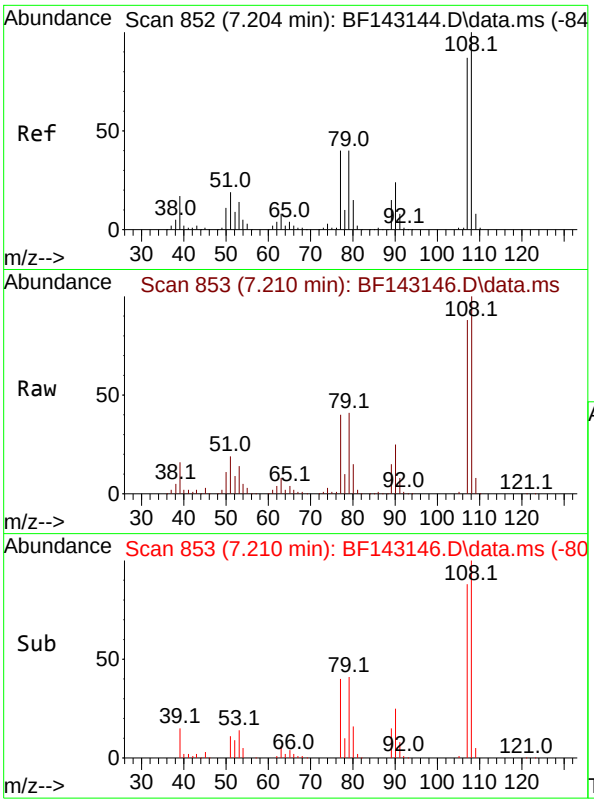


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.120 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 45 Resp: 1076628

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5



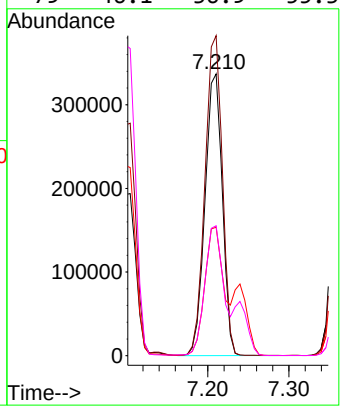


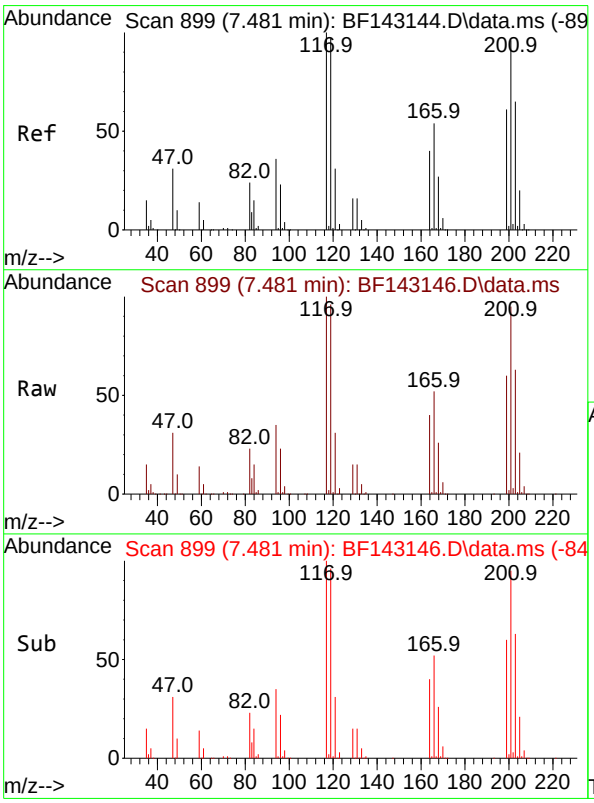
#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 498077

Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.8	137.6
77	45.6	37.0	55.6
79	46.1	36.9	55.3

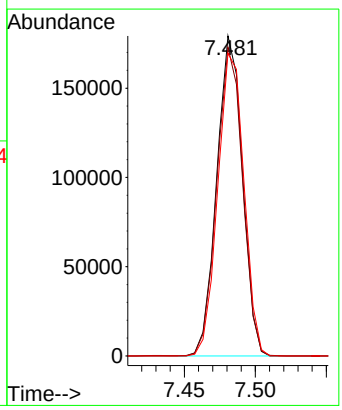


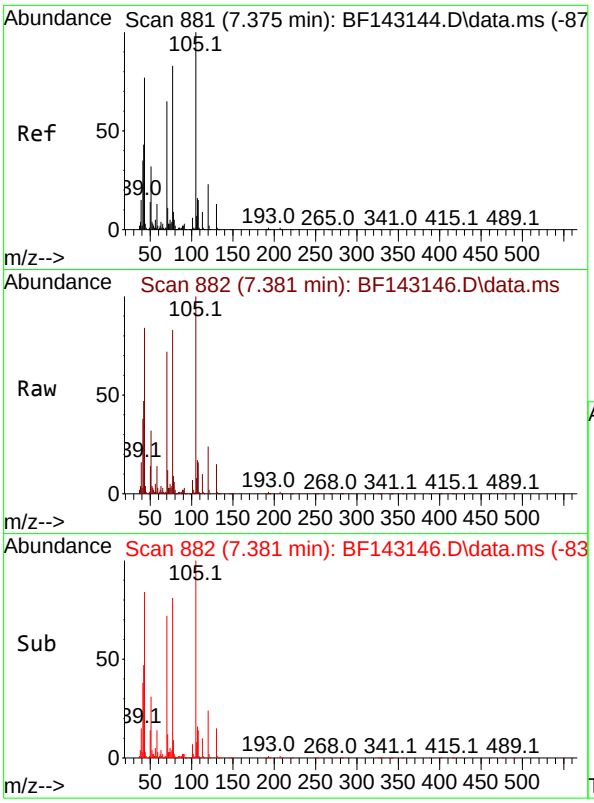


#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8
201	94.6	77.0	115.4



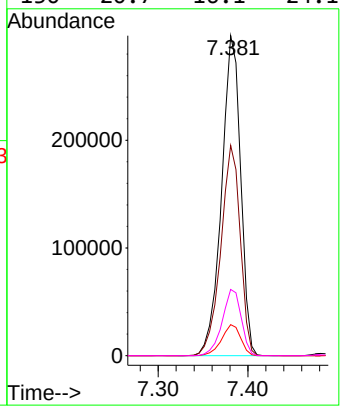


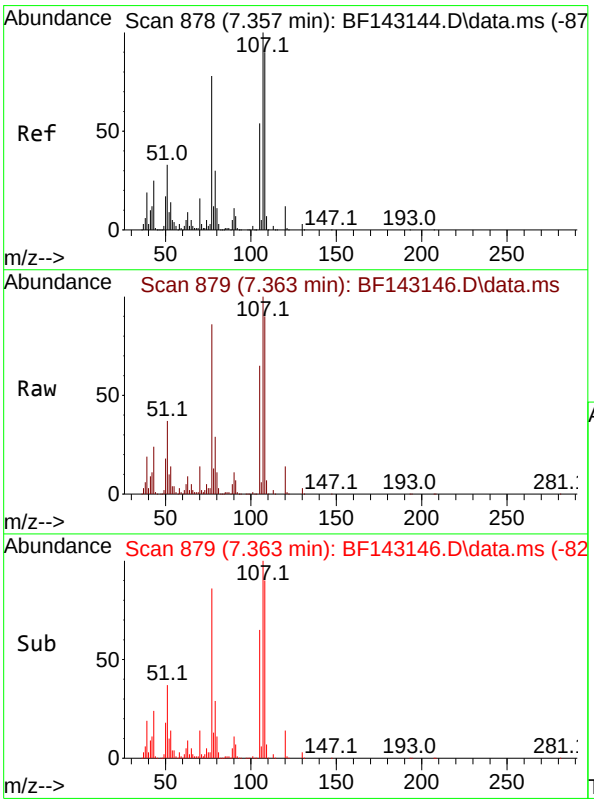
#19
n-Nitroso-di-n-propylamine
Concen: 56.012 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 437750

Ion	Ratio	Lower	Upper
70	100		
42	65.7	52.5	78.7
101	9.7	7.6	11.4
130	20.7	16.1	24.1

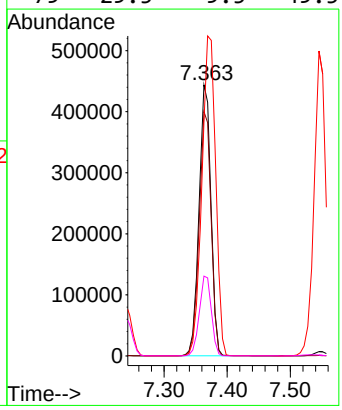


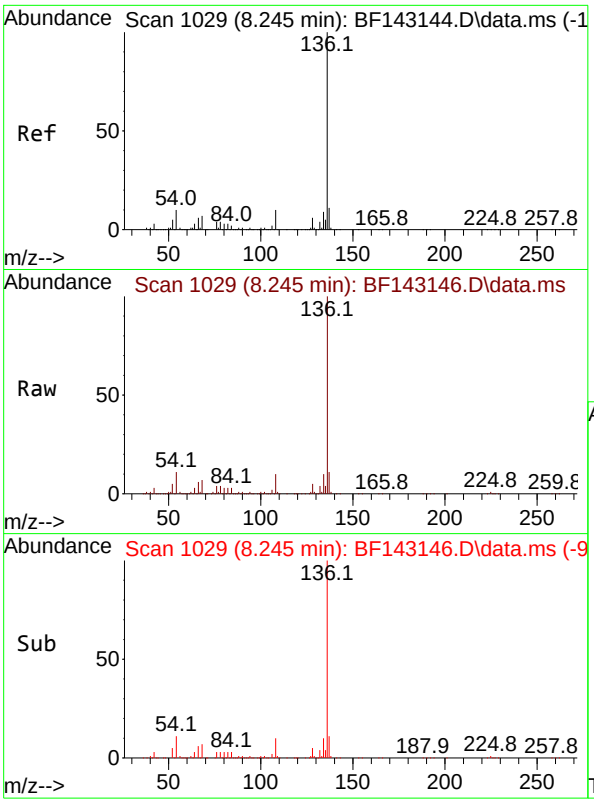


#20
3+4-Methylphenols
Concen: 56.273 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.0	110.0
77	86.3	57.8	97.8
79	29.5	9.5	49.5



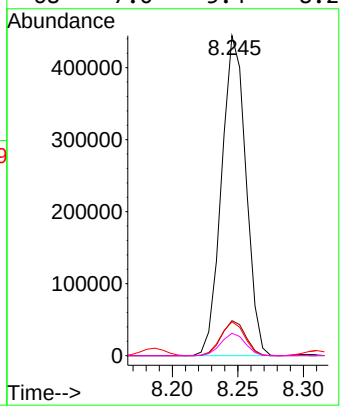


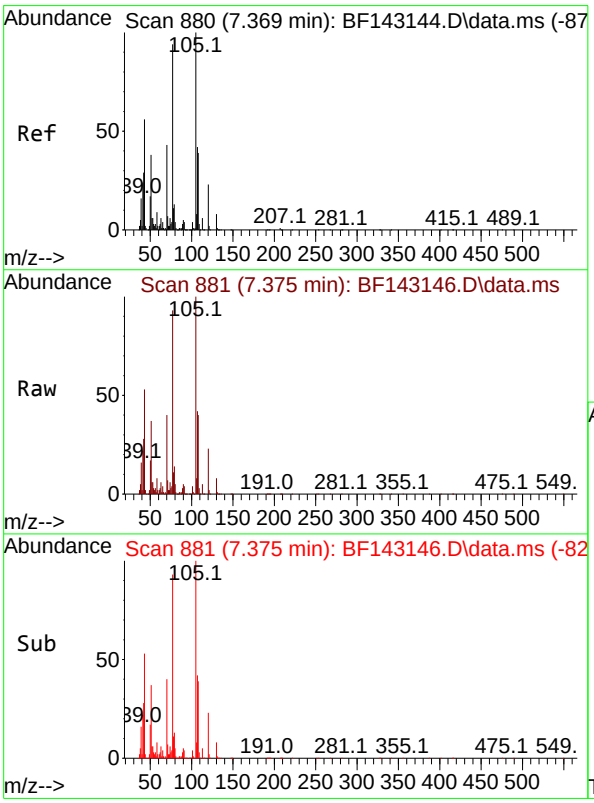
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 573541

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	8.2	12.2
68	7.0	5.4	8.2

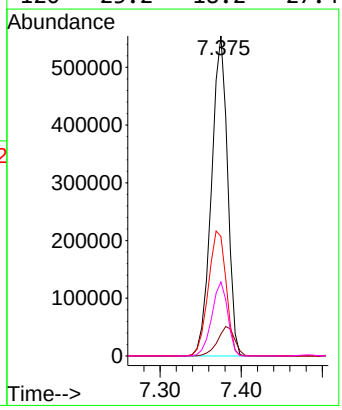


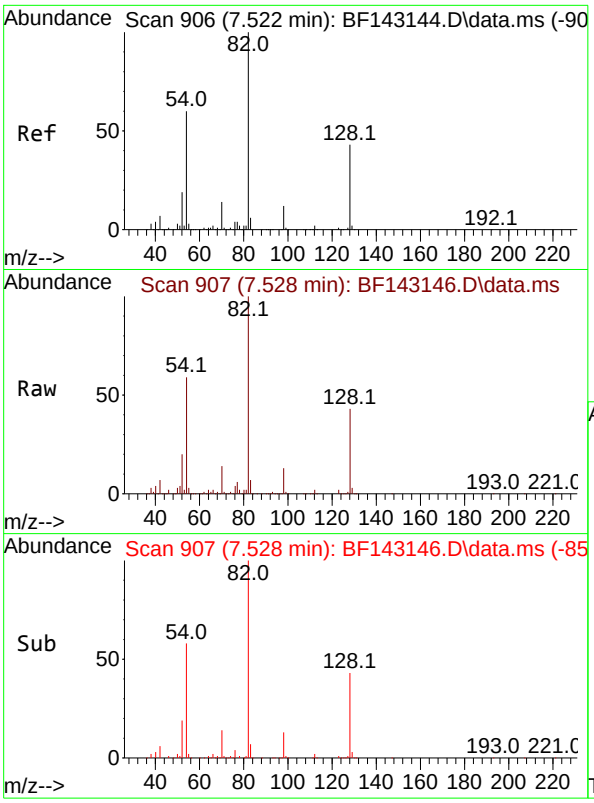


#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.6
51	37.4	30.2	45.2
120	23.2	18.2	27.4



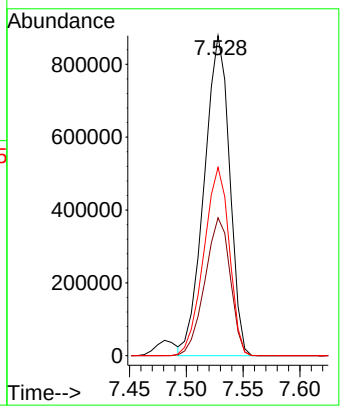


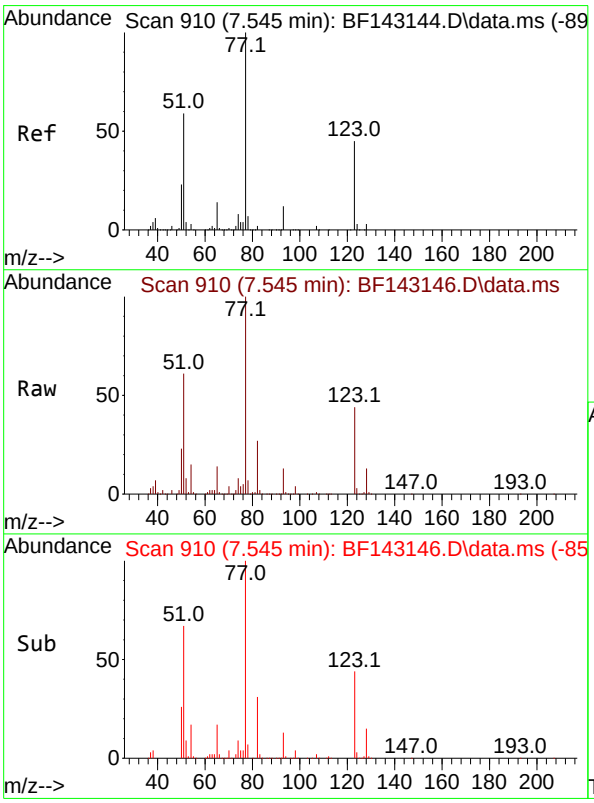
#23
Nitrobenzene-d5
Concen: 118.809 ng
RT: 7.528 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1367018

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7

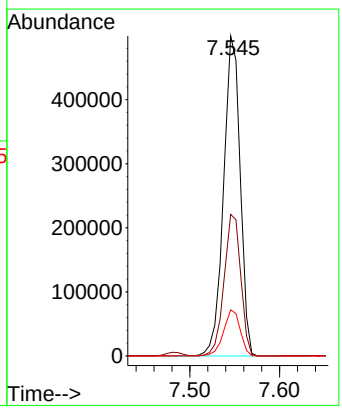


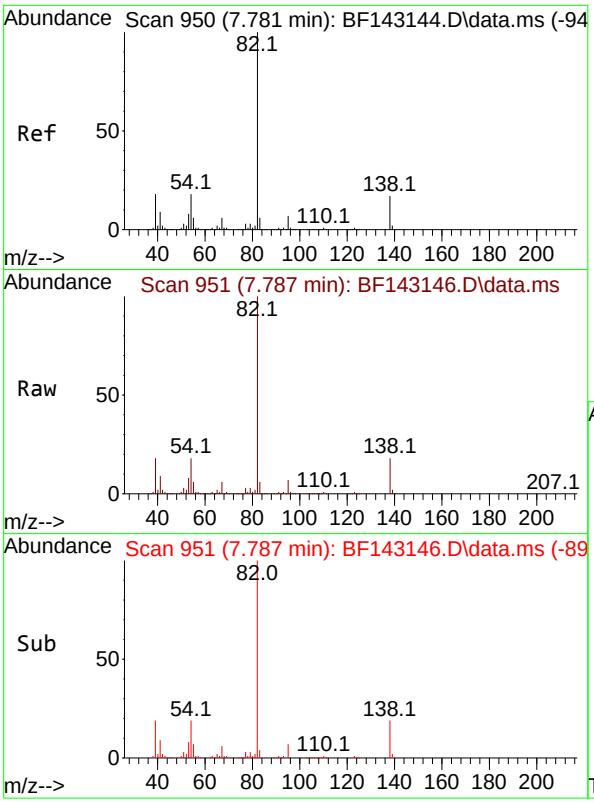


#24
Nitrobenzene
Concen: 59.832 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 641832

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.4	11.4	17.2



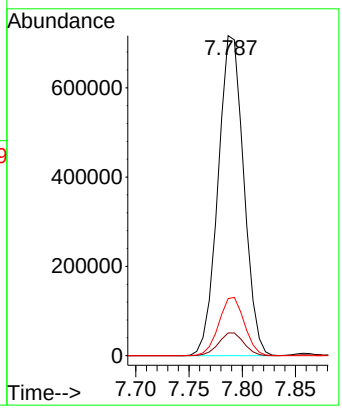


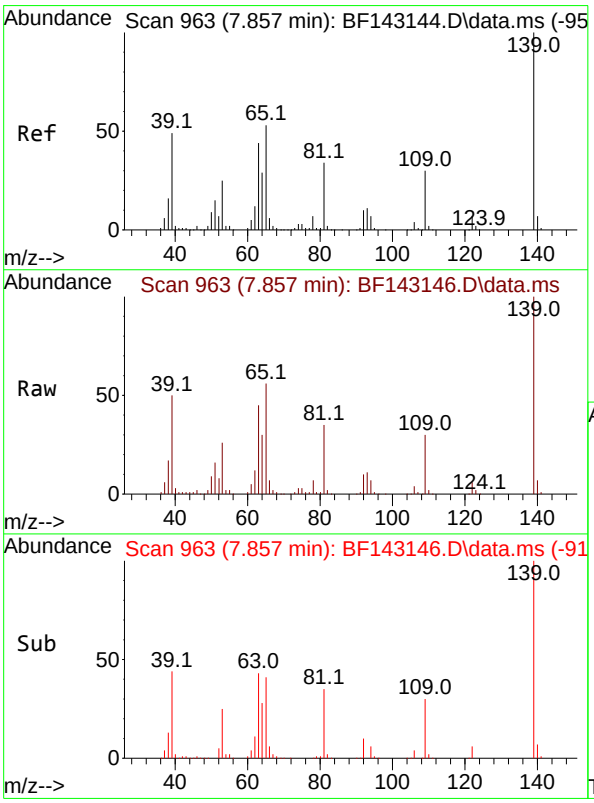
#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1202506

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.9	13.8	20.8

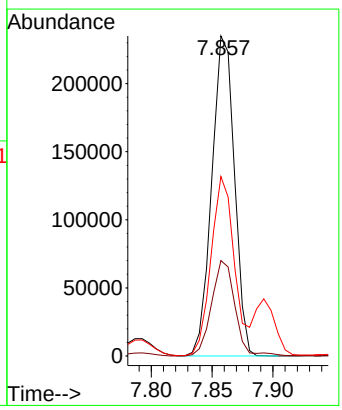


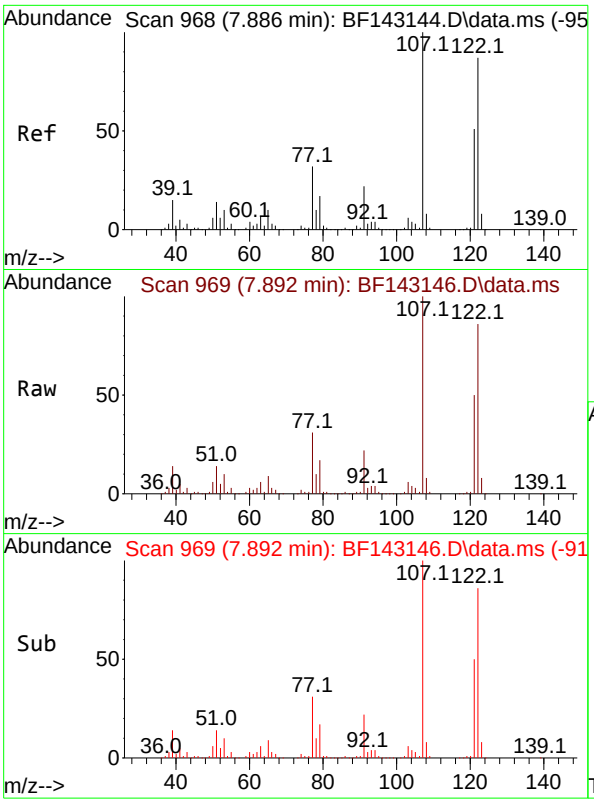


#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 304218

Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.6	35.4
65	56.0	42.6	64.0



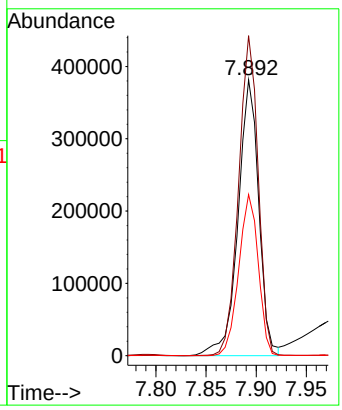


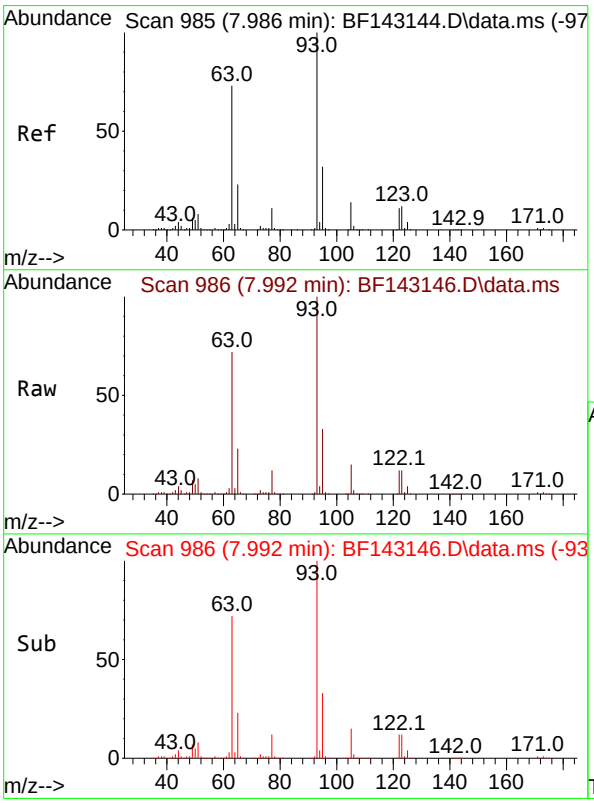
#27
2,4-Dimethylphenol
Concen: 57.833 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 548823

Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.8	137.6
121	58.4	46.3	69.5

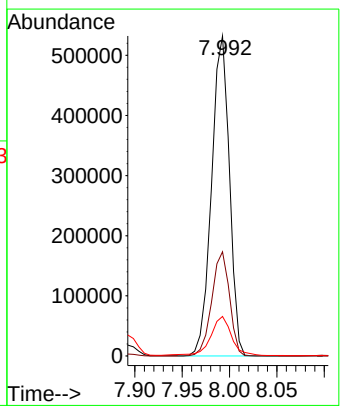


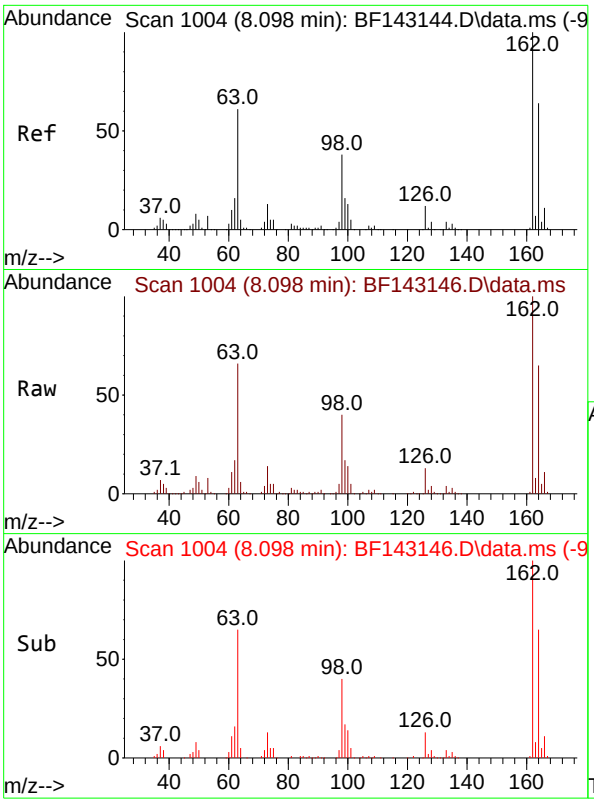


#28
bis(2-Chloroethoxy)methane
Concen: 57.184 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 696403

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	12.4	9.7	14.5



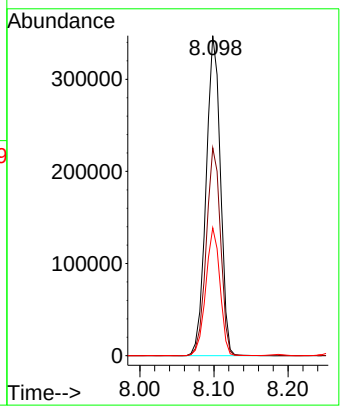


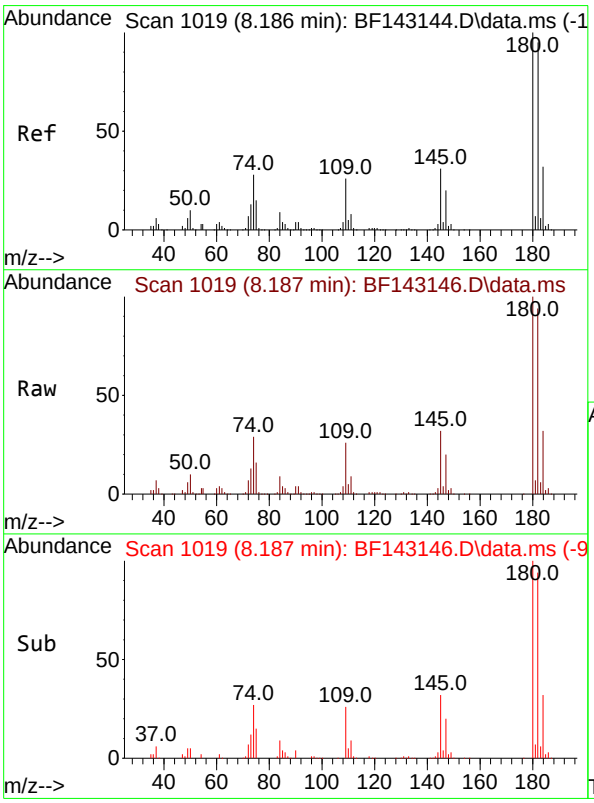
#29
2,4-Dichlorophenol
Concen: 58.329 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 466809

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	39.9	17.9	57.9

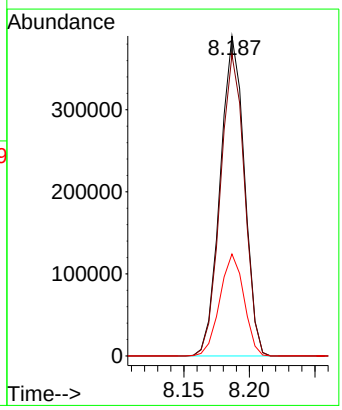


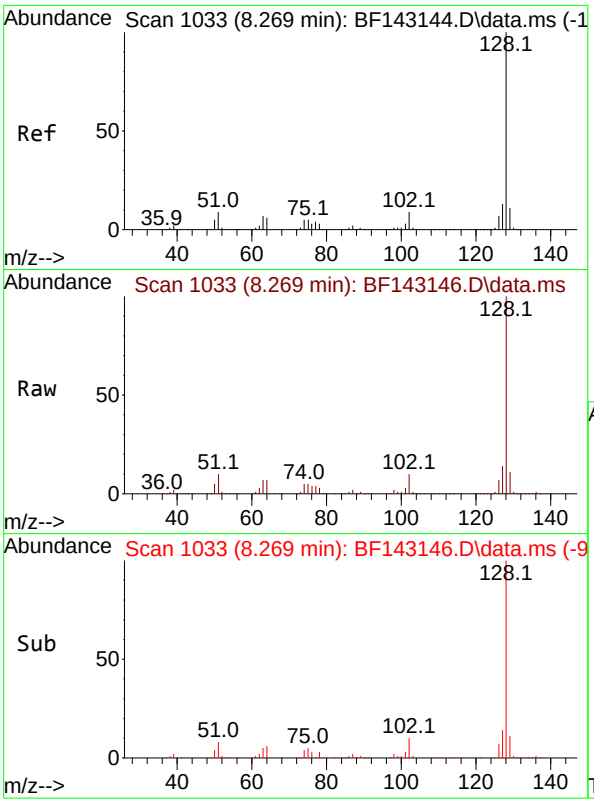


#30
1,2,4-Trichlorobenzene
Concen: 57.653 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:180 Resp: 498478

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	31.8	25.0	37.6



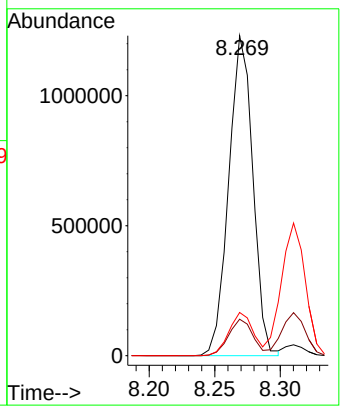


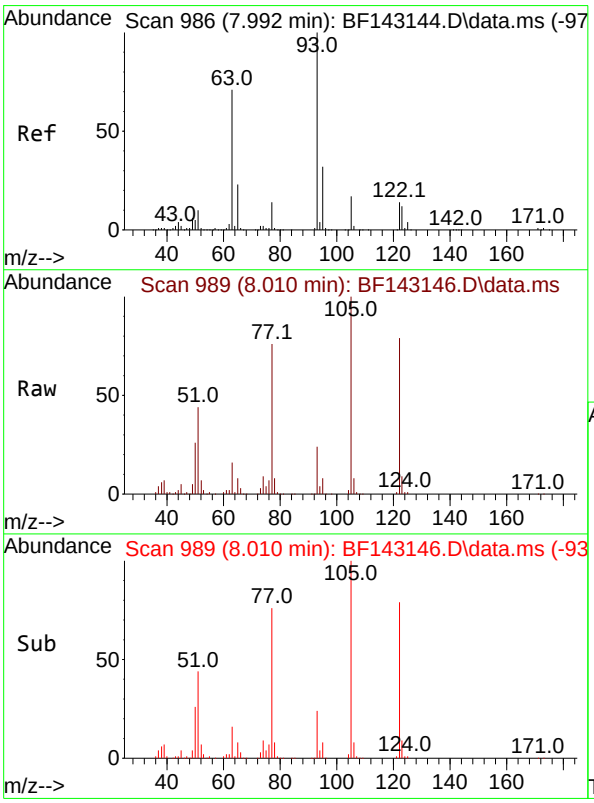
#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1575696

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.6	16.0

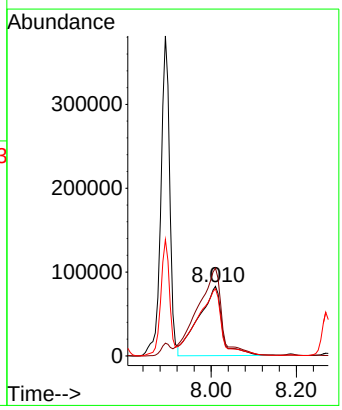


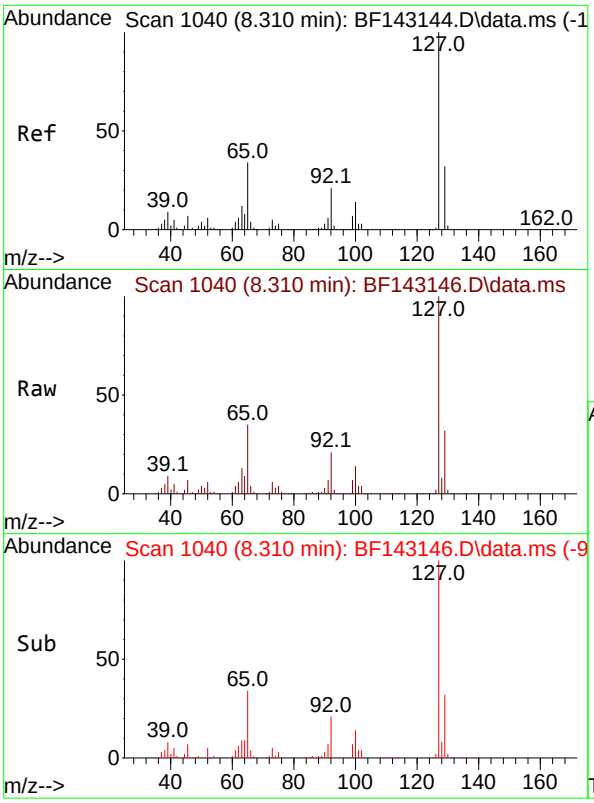


#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 321703

Ion	Ratio	Lower	Upper
122	100		
105	126.3	104.8	144.8
77	96.5	77.6	117.6



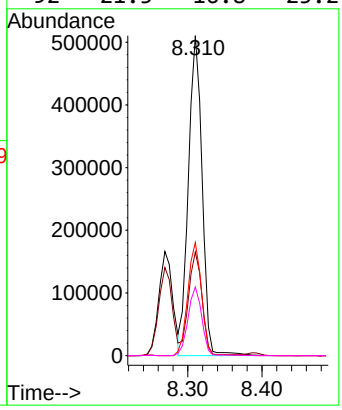


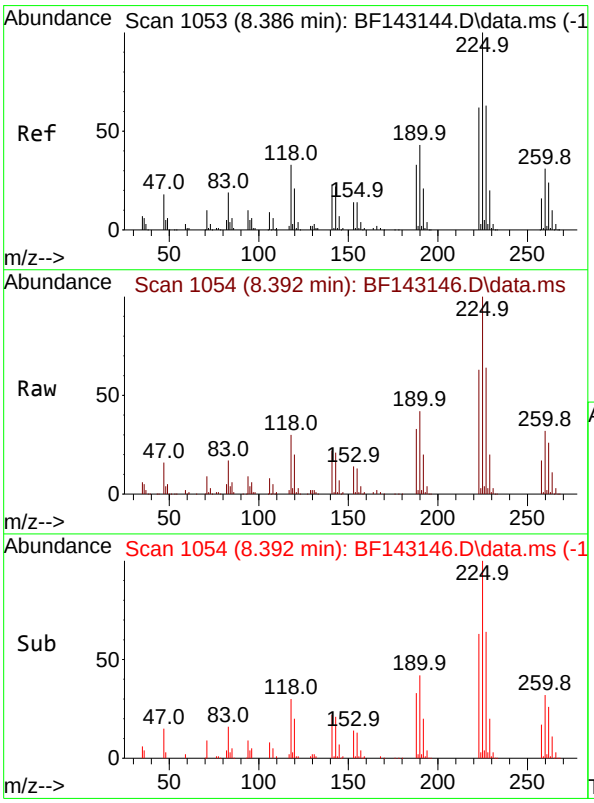
#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 659467

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	35.3	27.4	41.2
92	21.5	16.8	25.2

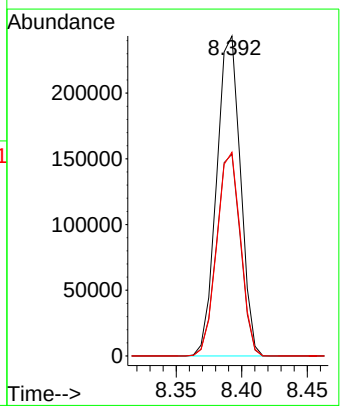


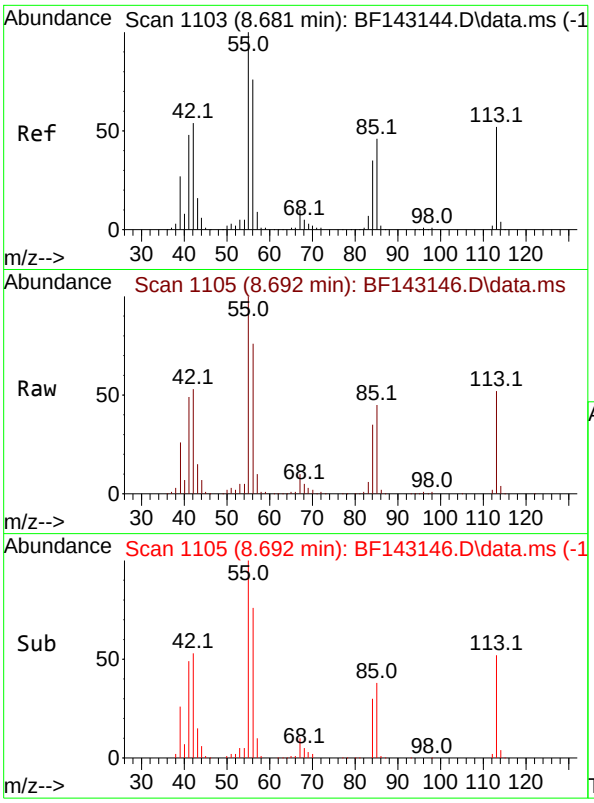


#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:225 Resp: 307552

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.7	50.2	75.4



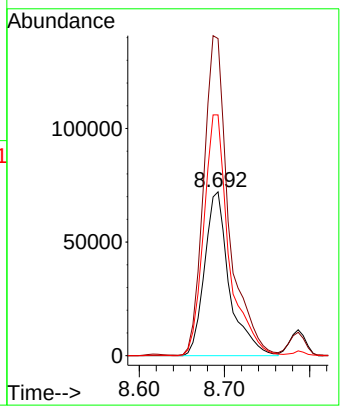


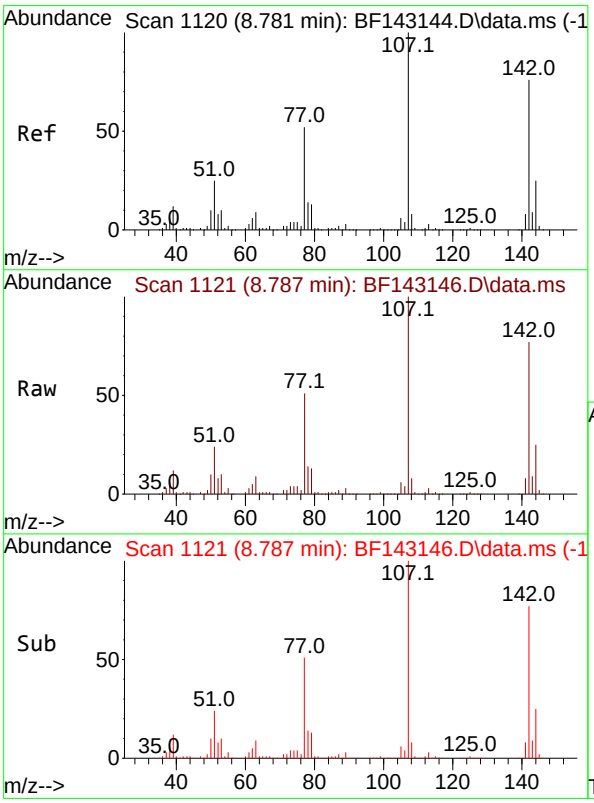
#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 145894

Ion	Ratio	Lower	Upper
113	100		
55	193.5	174.0	214.0
56	146.9	126.6	166.6

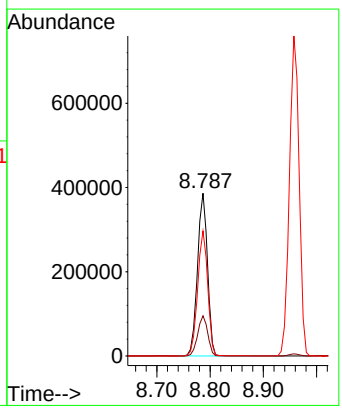


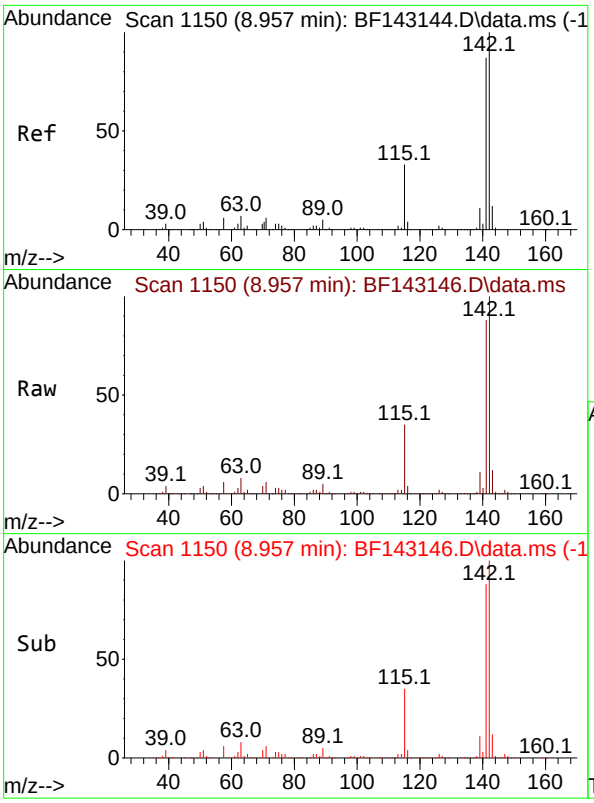


#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 506142

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	76.9	60.6	90.8



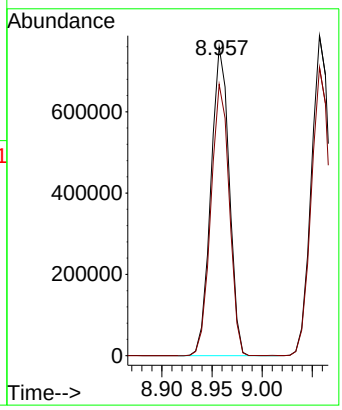


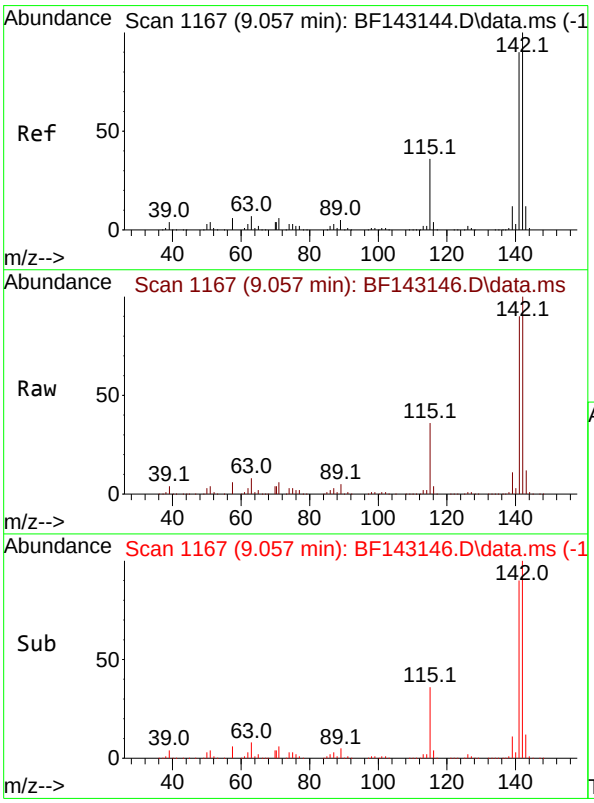
#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 966031

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9

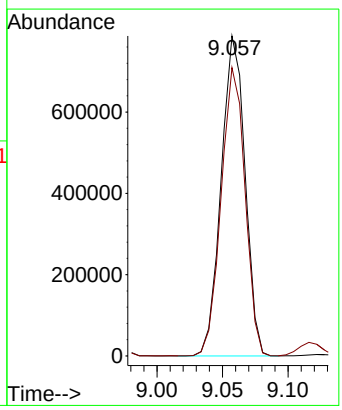


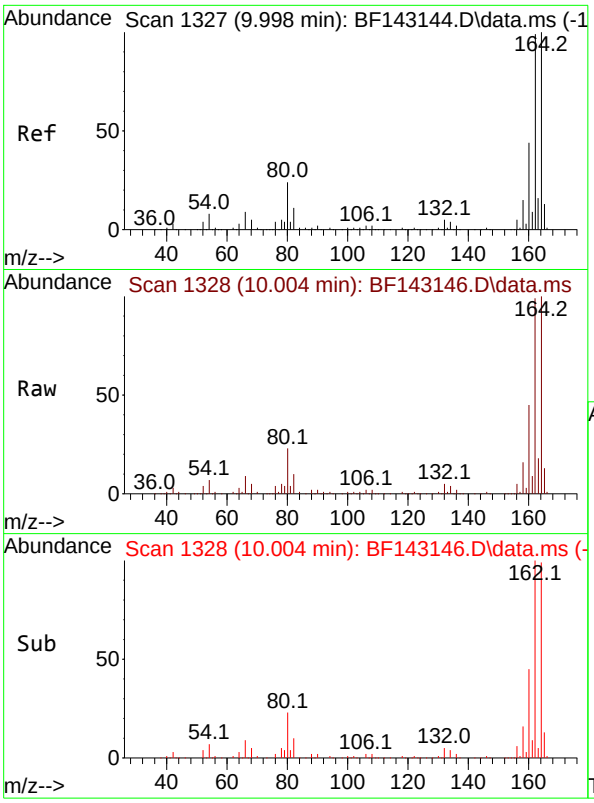


#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 997009

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5



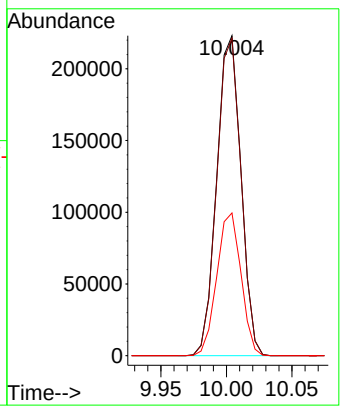


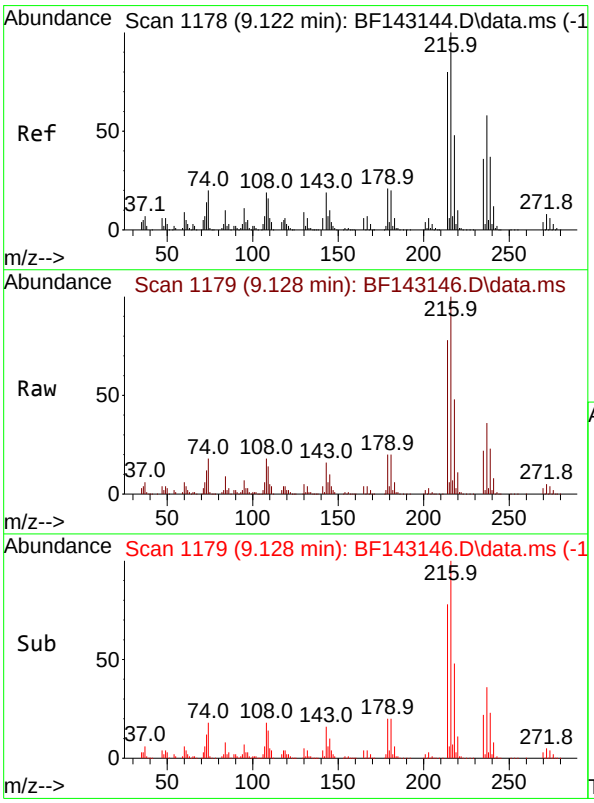
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 286544

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	44.6	35.1	52.7

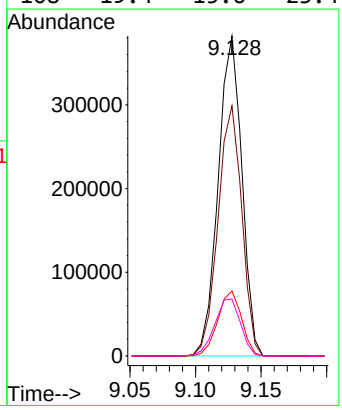


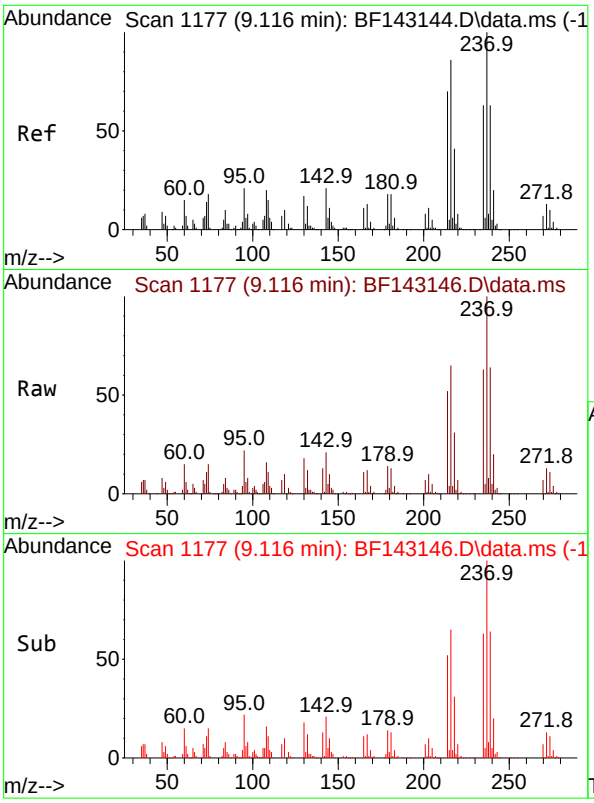


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:216 Resp: 479450

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	20.4	16.4	24.6
108	19.4	15.6	23.4



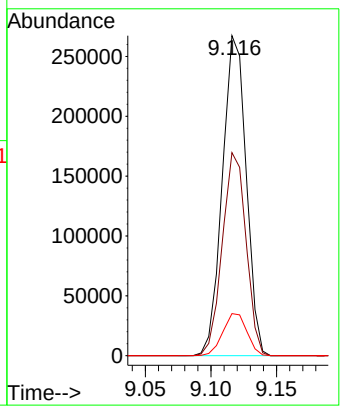


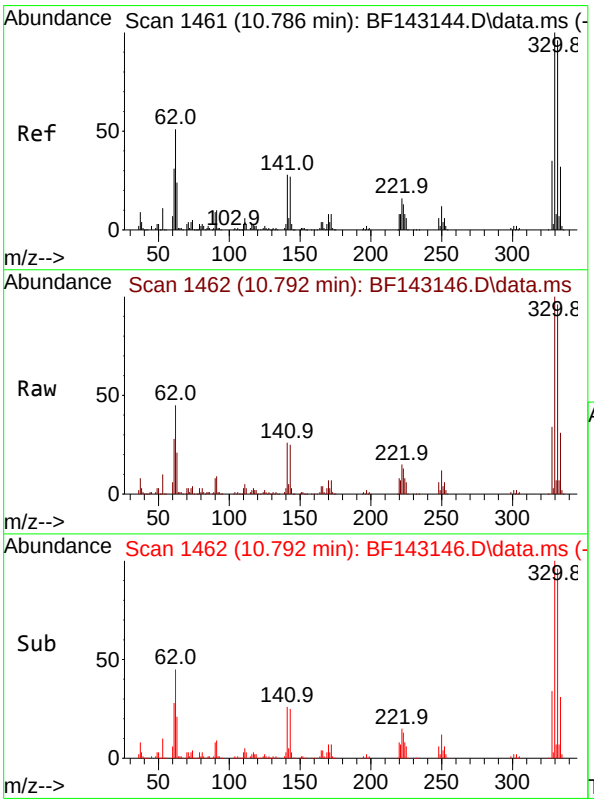
#41
Hexachlorocyclopentadiene
Concen: 62.761 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 337833

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.0	83.0
272	13.2	0.0	33.3

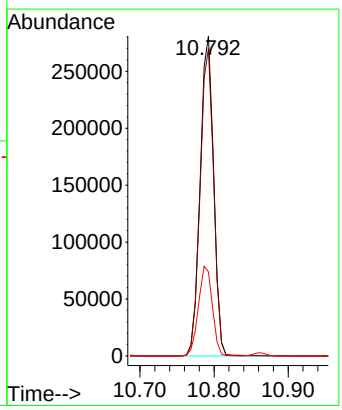


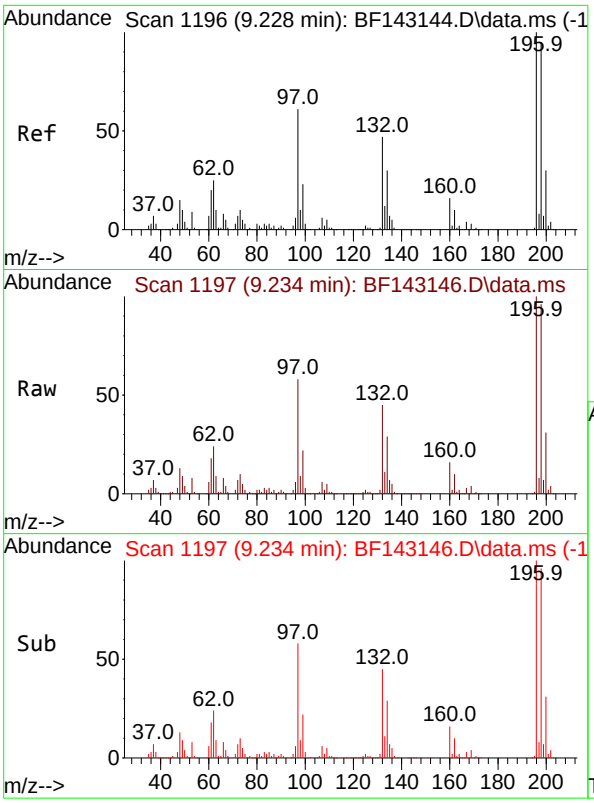


#42
2,4,6-Tribromophenol
Concen: 119.817 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:330 Resp: 354678

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	28.9	23.3	34.9



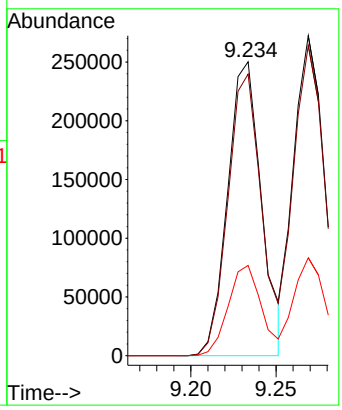


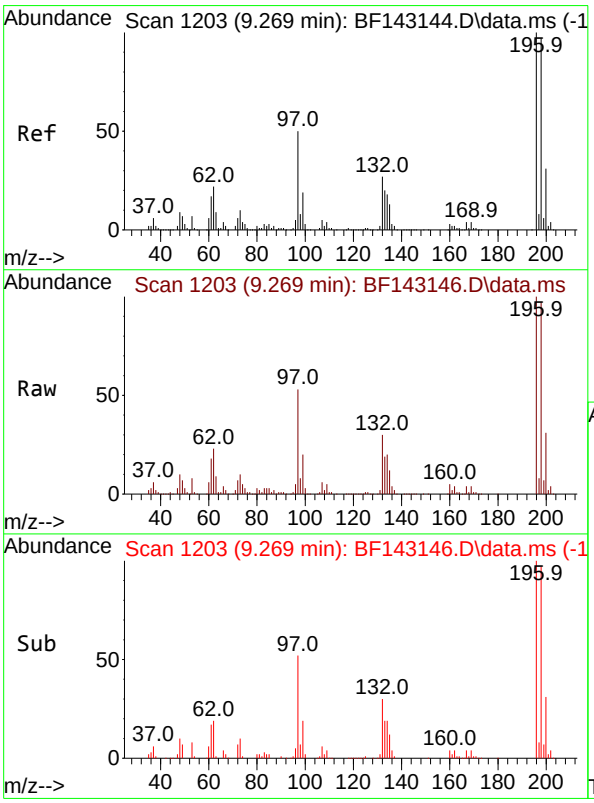
#43
2,4,6-Trichlorophenol
Concen: 60.246 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 344941

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	30.7	23.9	35.9

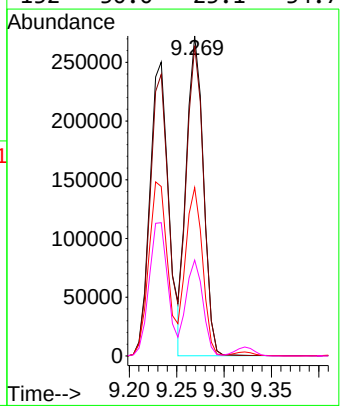


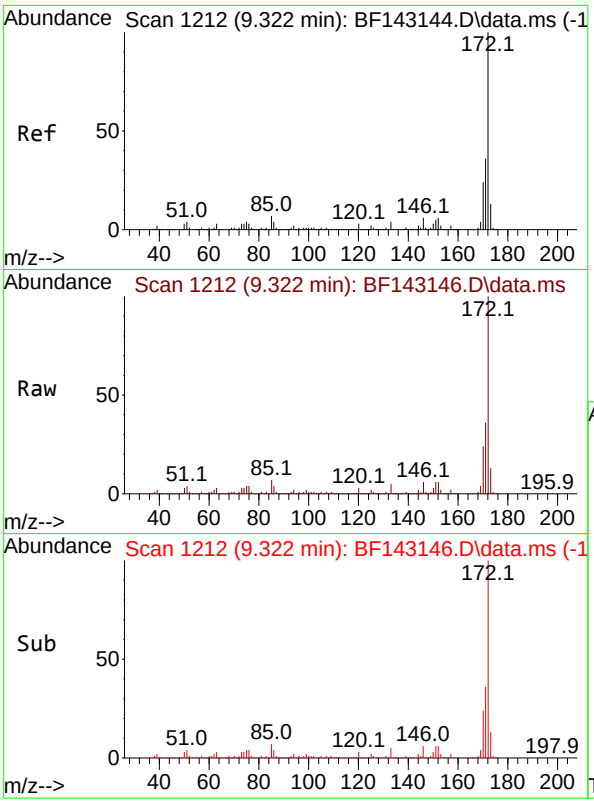


#44
2,4,5-Trichlorophenol
Concen: 59.305 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 339656

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	52.6	40.3	60.5
132	30.0	23.1	34.7



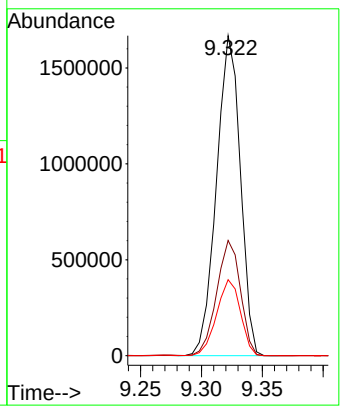


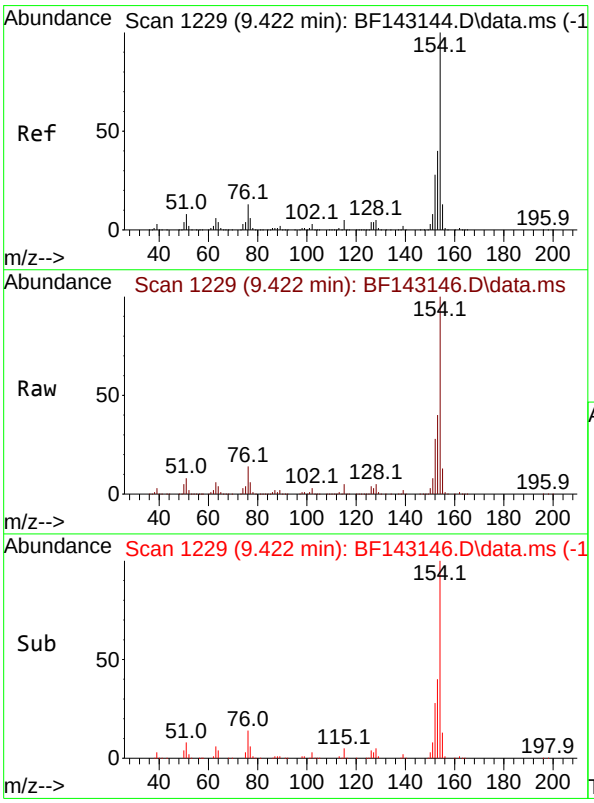
#45
2-Fluorobiphenyl
Concen: 108.558 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 2274500

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2

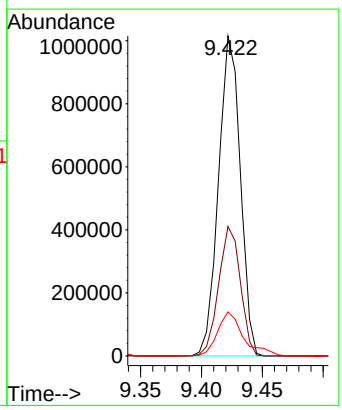


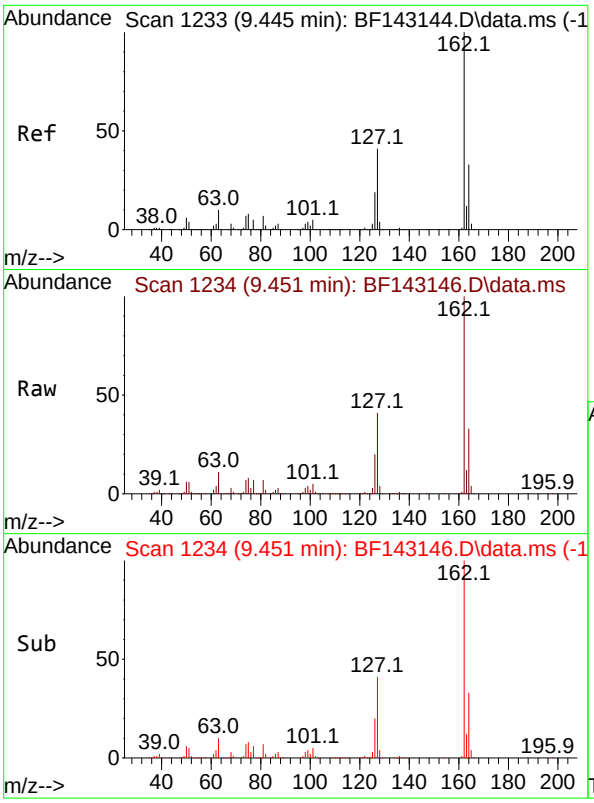


#46
1,1'-Biphenyl
Concen: 56.610 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 1265588

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3



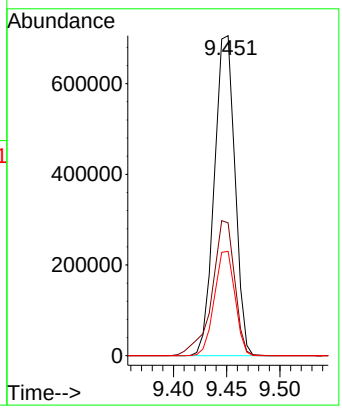


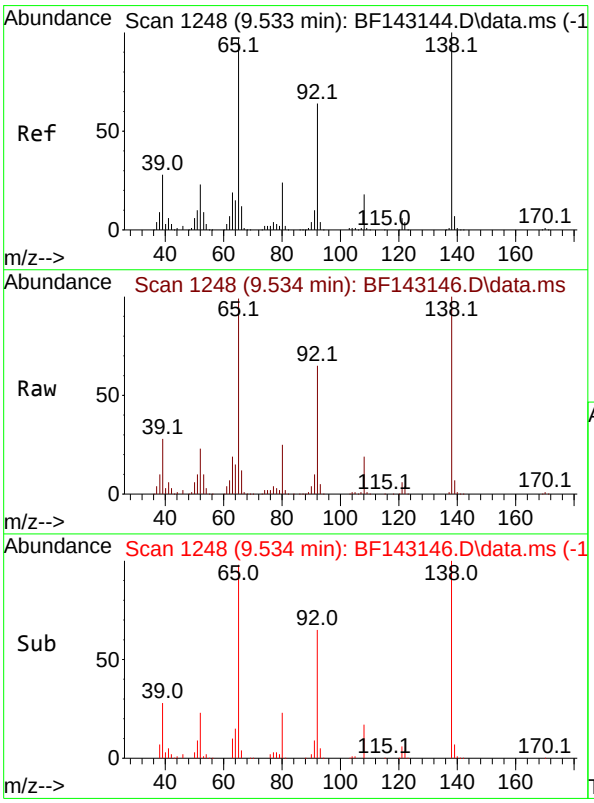
#47
2-Chloronaphthalene
Concen: 57.364 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 948912

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2

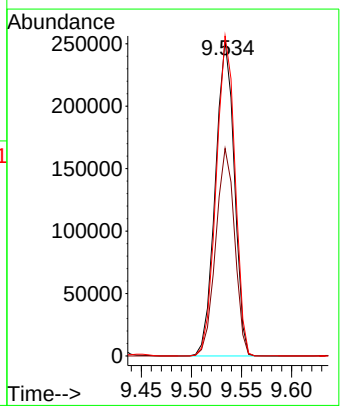


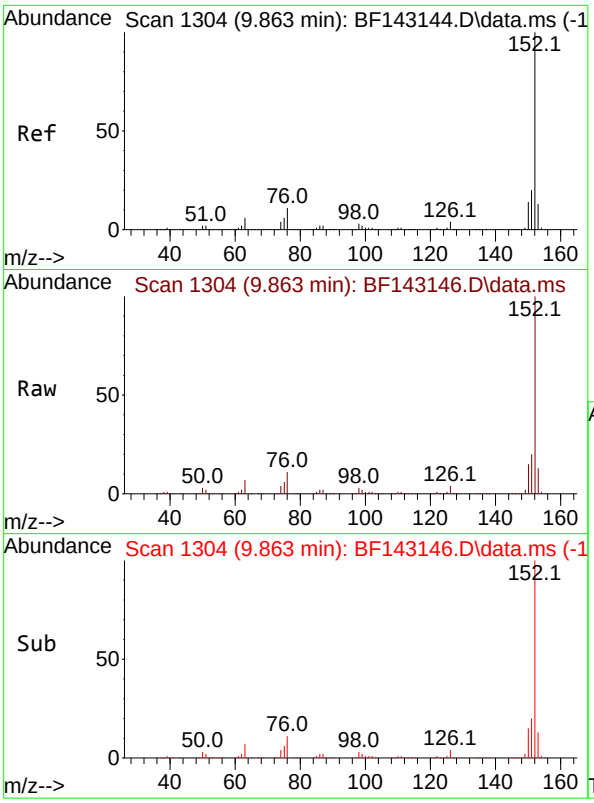


#48
2-Nitroaniline
Concen: 63.904 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.4	78.6
138	101.5	82.3	123.5



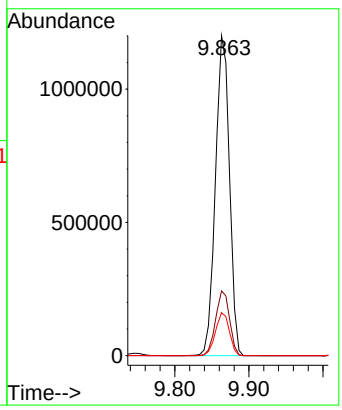


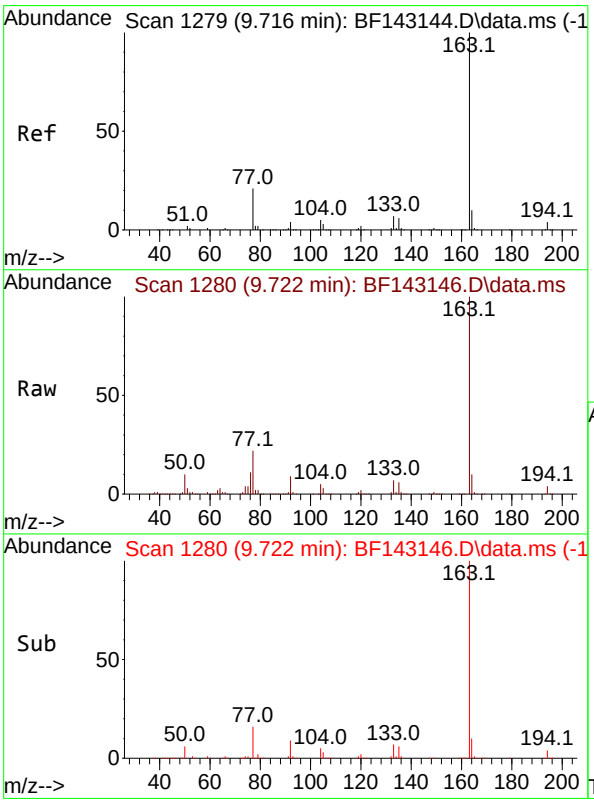
#49
Acenaphthylene
Concen: 56.860 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1576240

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.5	10.6	16.0

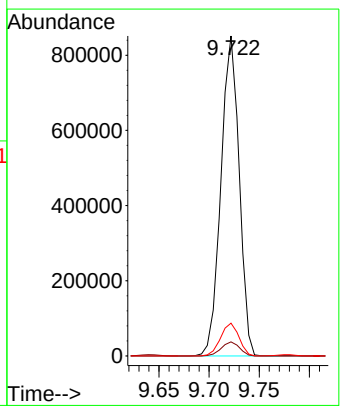


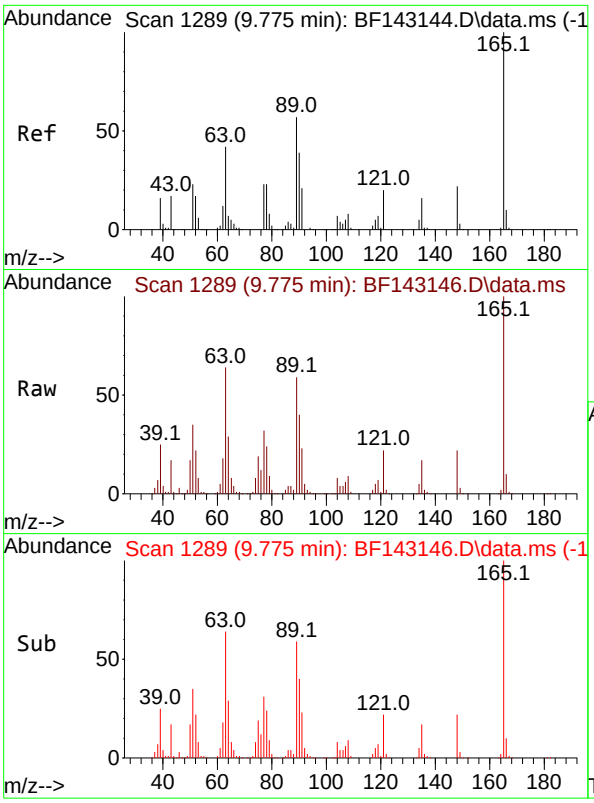


#50
Dimethylphthalate
Concen: 57.558 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:163 Resp: 1075052

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5



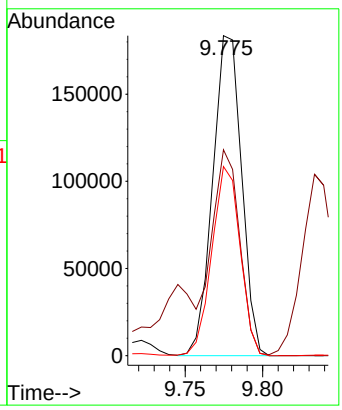


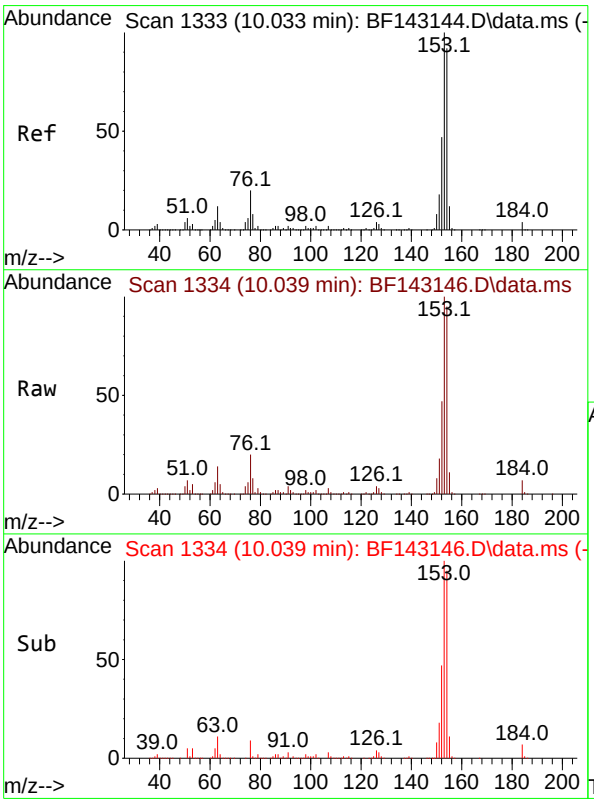
#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 238103

Ion	Ratio	Lower	Upper
165	100		
63	64.4	49.4	74.2
89	59.1	46.2	69.2

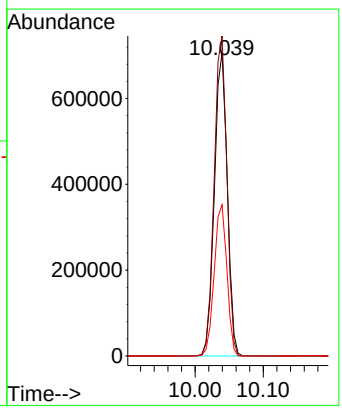


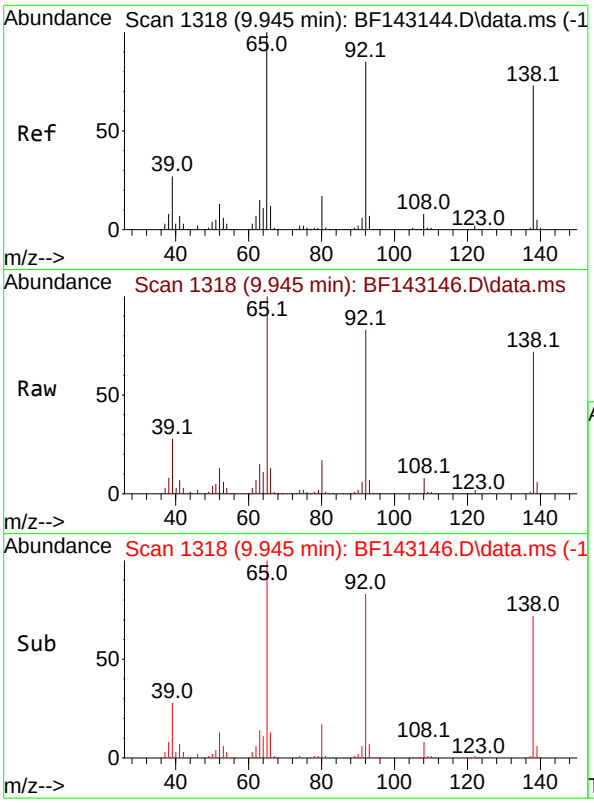


#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 930883

Ion	Ratio	Lower	Upper
154	100		
153	105.6	86.6	129.8
152	49.9	40.4	60.6



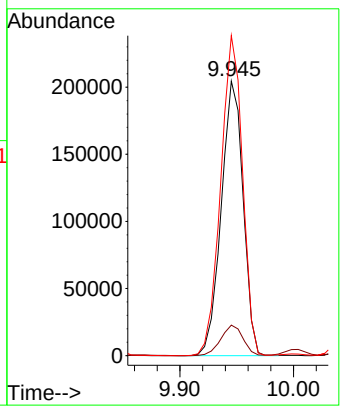


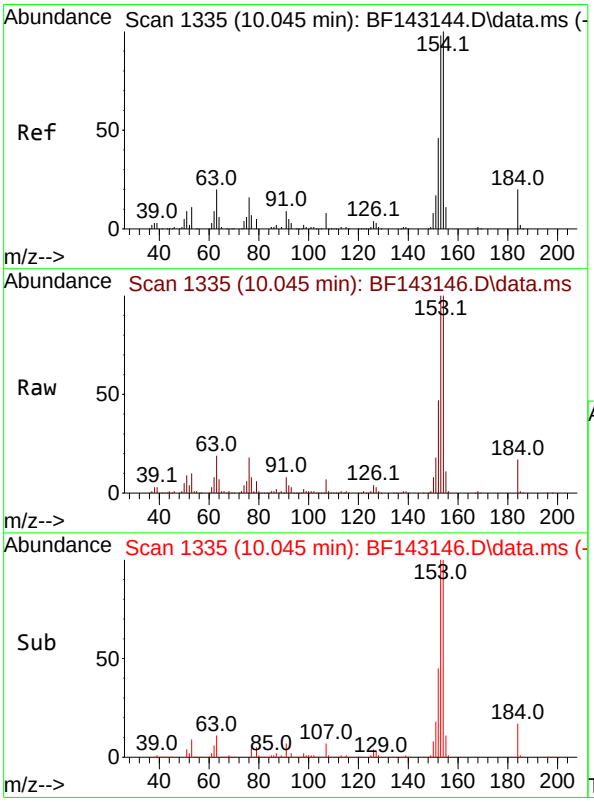
#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 273506

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	116.5	93.0	139.4

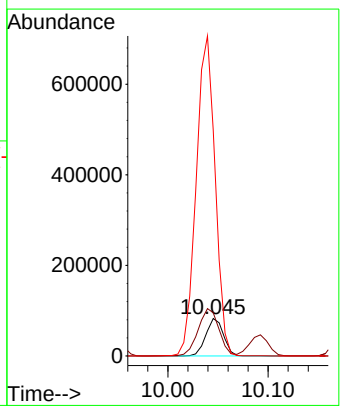


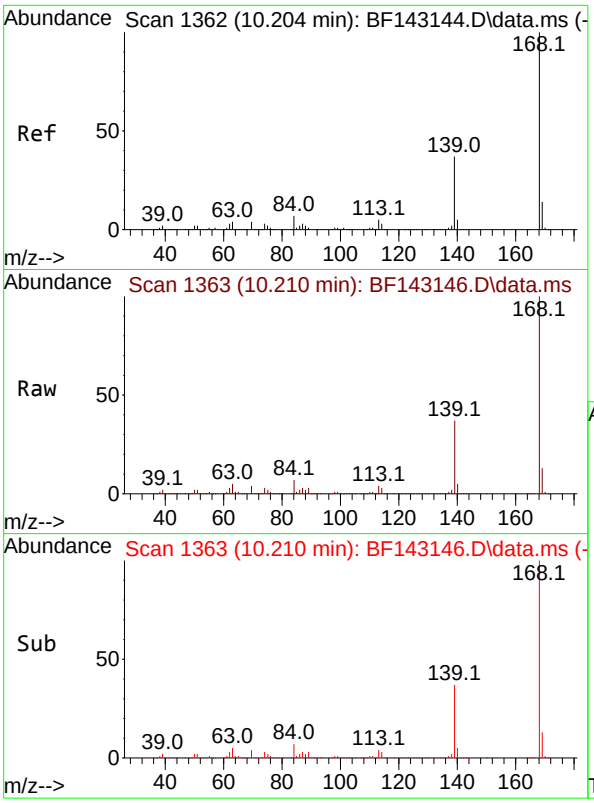


#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491

Ion	Ratio	Lower	Upper
184	100		
63	115.6	81.8	122.6
154	603.3	412.2	618.4



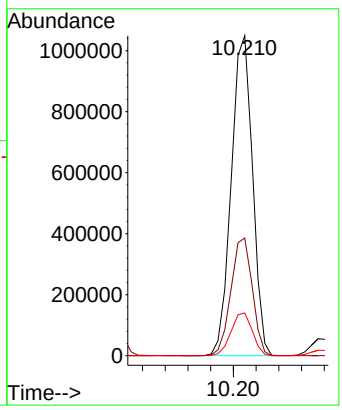


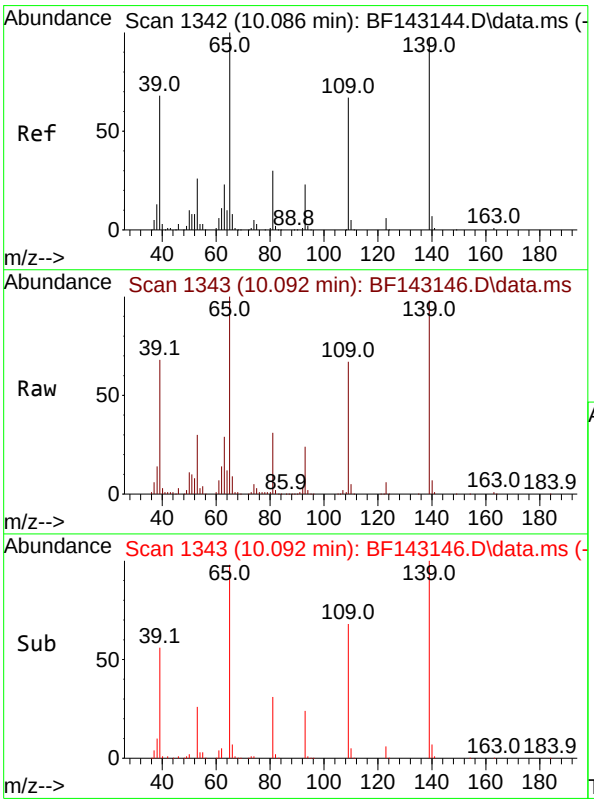
#55
Dibenzofuran
Concen: 56.093 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1364531

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.5	44.3
169	13.4	10.9	16.3

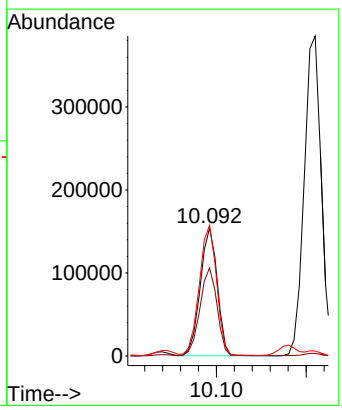


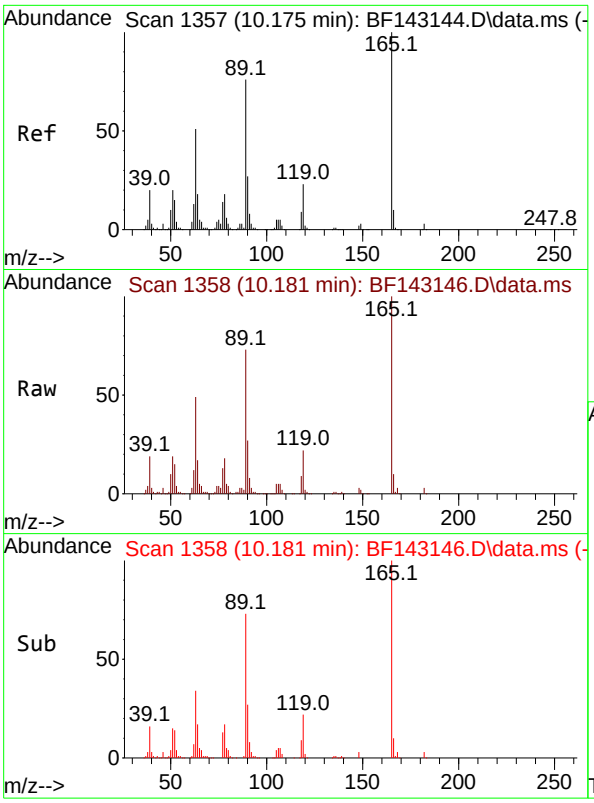


#56
4-Nitrophenol
Concen: 61.312 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 203477

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	102.2	83.4	123.4



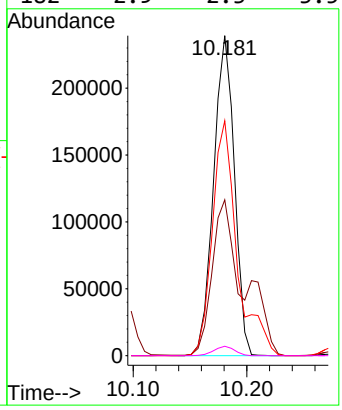


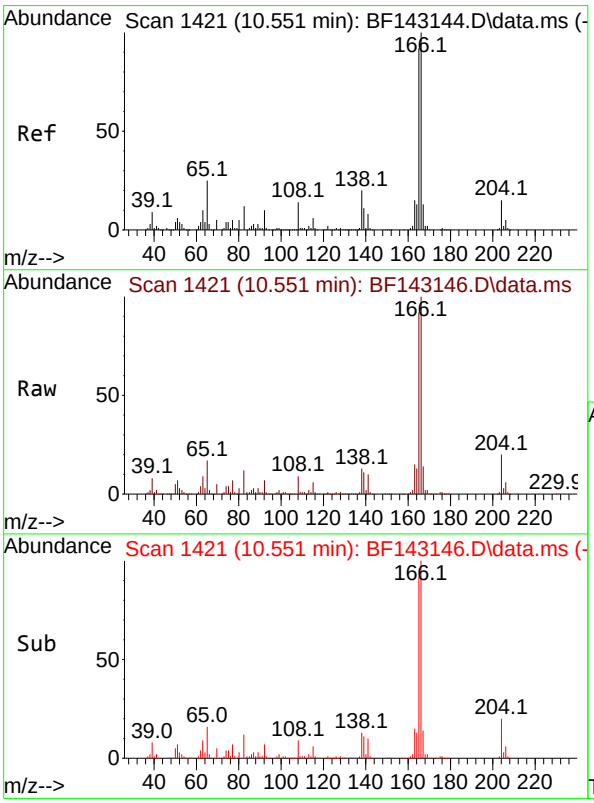
#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 304460

Ion	Ratio	Lower	Upper
165	100		
63	48.7	41.0	61.4
89	73.4	61.1	91.7
182	2.9	2.3	3.5

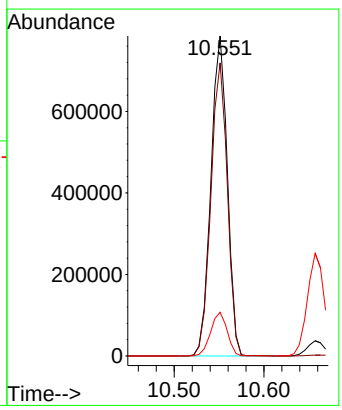


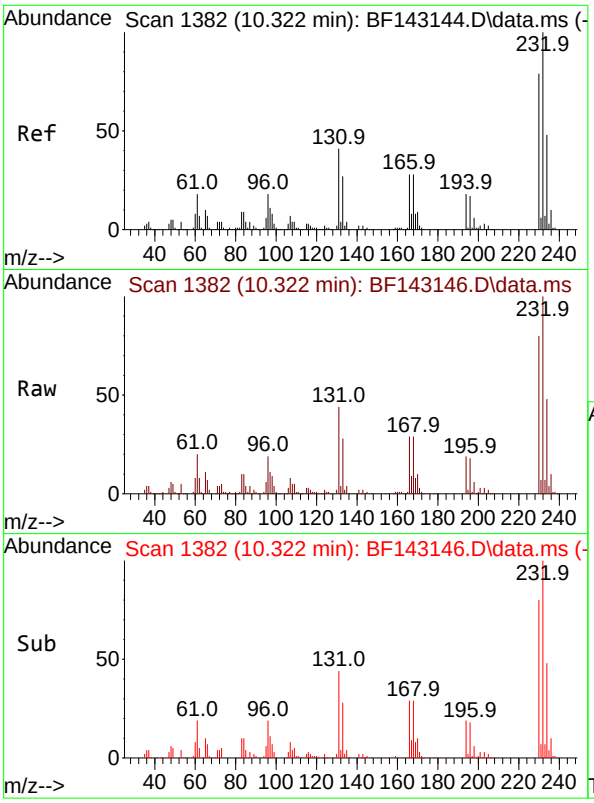


#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:166 Resp: 997710

Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.7	110.5
167	13.6	10.6	16.0



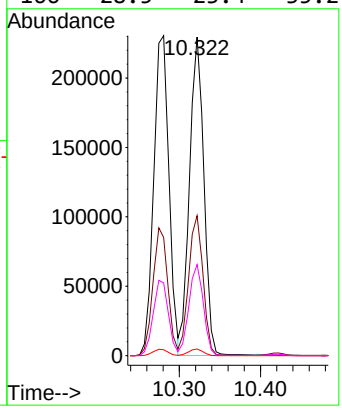


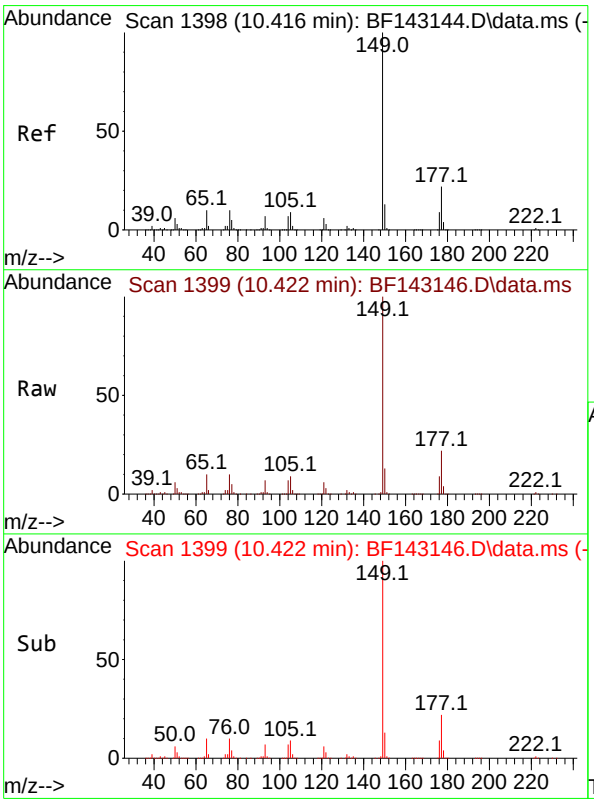
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.678 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 283124

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.3	52.9
130	2.1	1.7	2.5
166	28.5	23.4	35.2

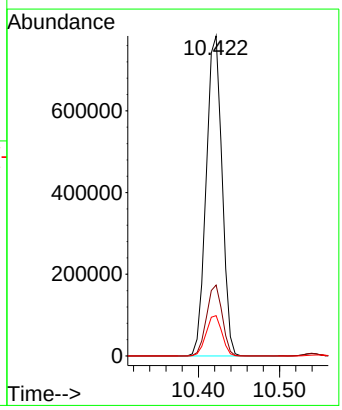


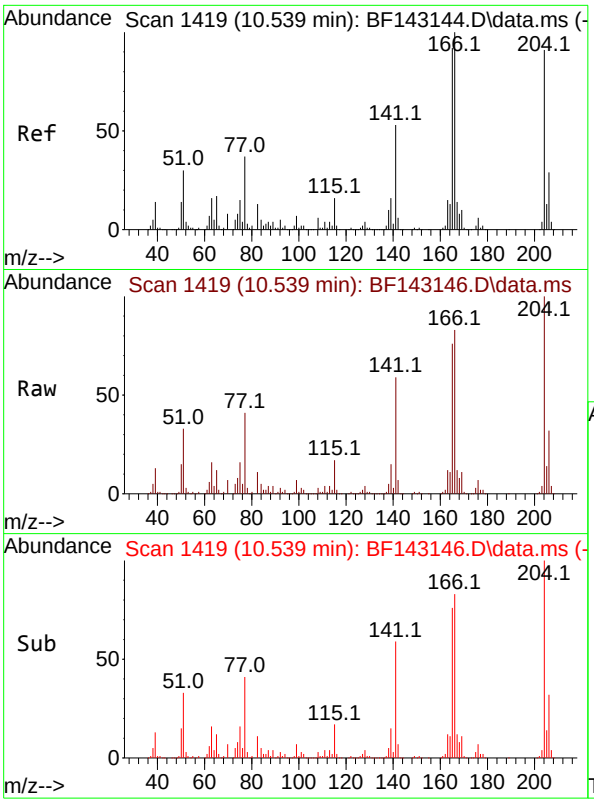


#60
Diethylphthalate
Concen: 57.301 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1057851

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2



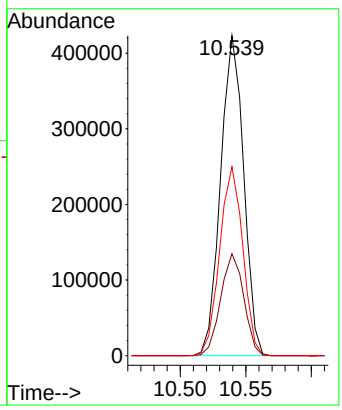


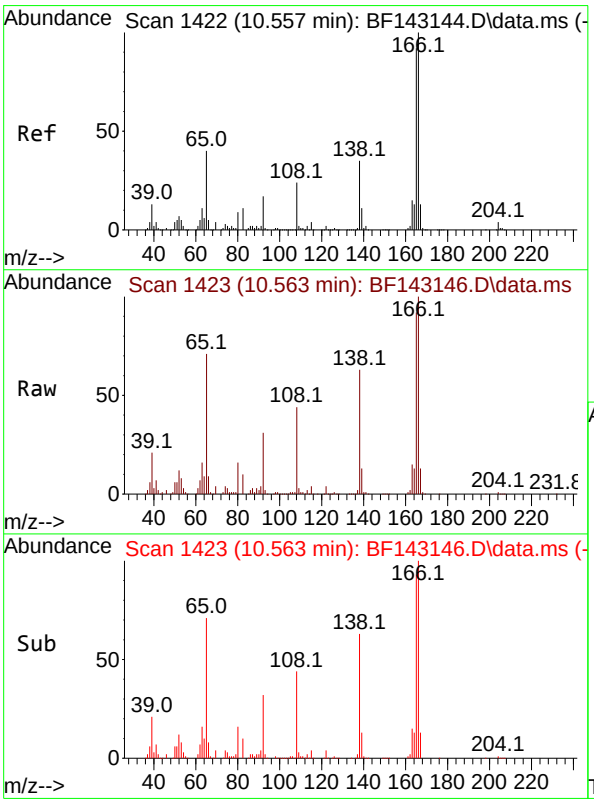
#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 516980

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	59.0	47.0	70.4

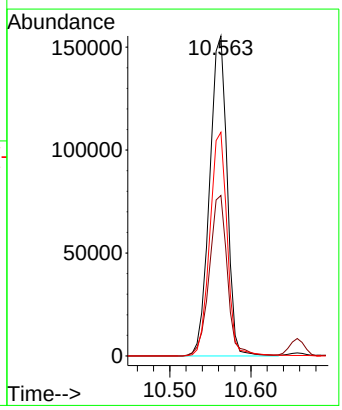


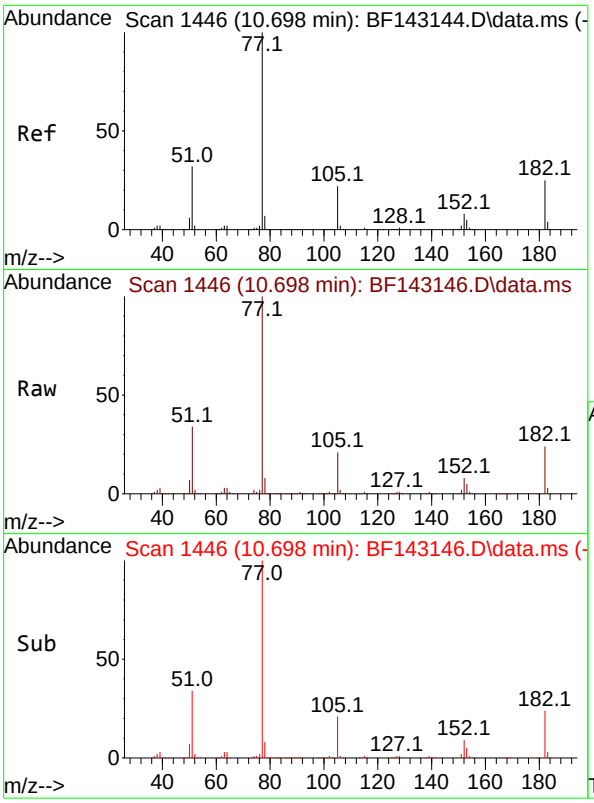


#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 232488

Ion	Ratio	Lower	Upper
138	100		
92	50.2	29.3	69.3
108	69.9	48.3	88.3



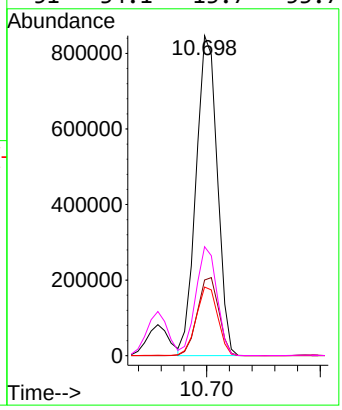


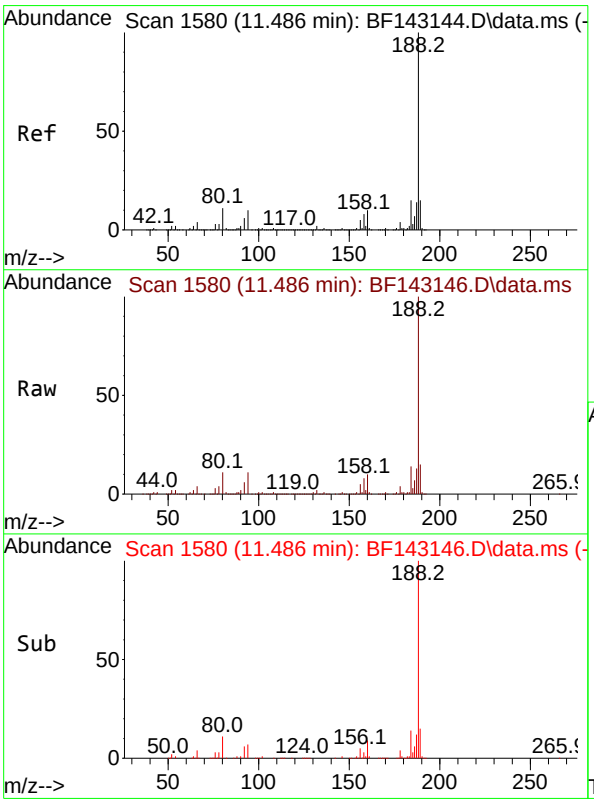
#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1098772

Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.6	44.6
105	21.4	1.4	41.4
51	34.1	13.7	53.7

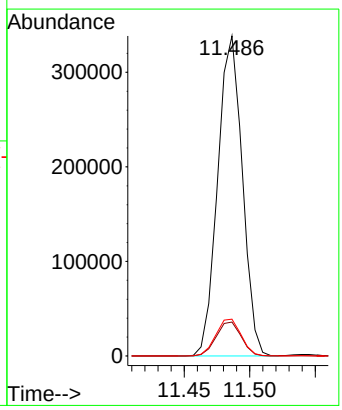


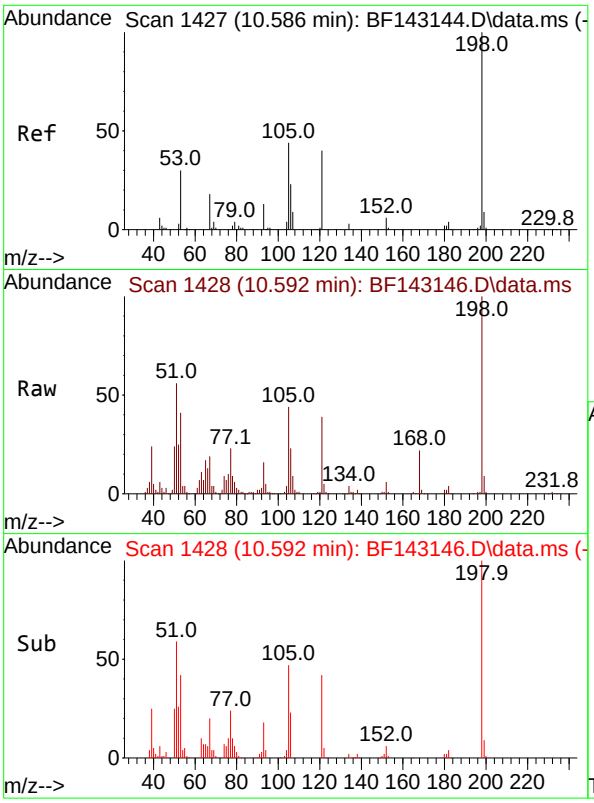


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:188 Resp: 442888

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.5	9.0	13.6



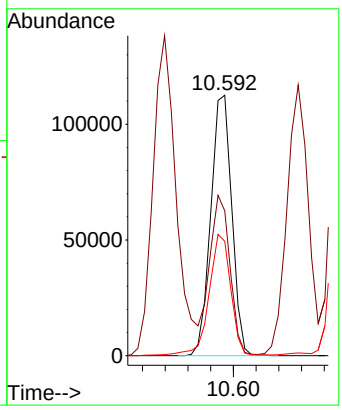


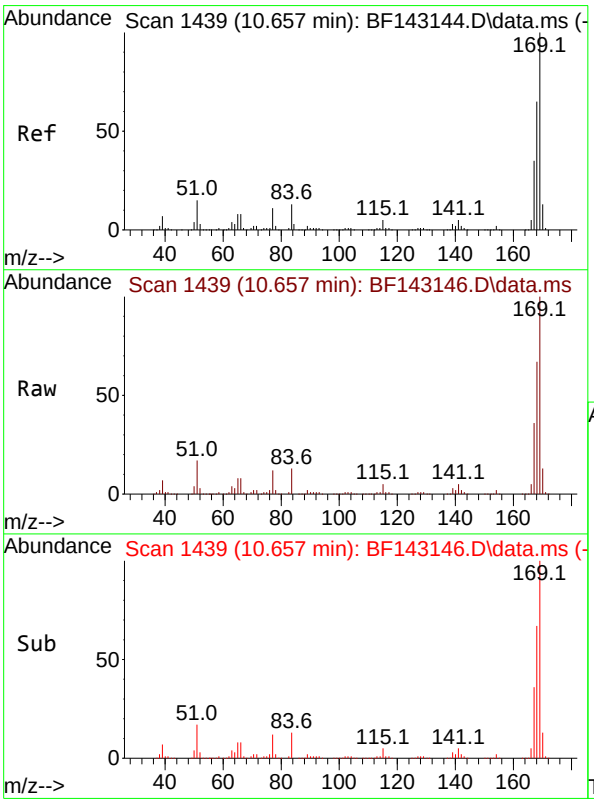
#65
4,6-Dinitro-2-methylphenol
Concen: 60.728 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 144751

Ion	Ratio	Lower	Upper
198	100		
51	55.6	37.2	77.2
105	43.9	24.8	64.8

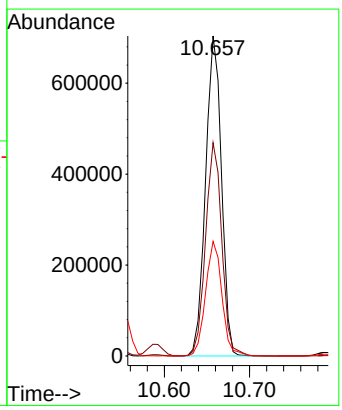


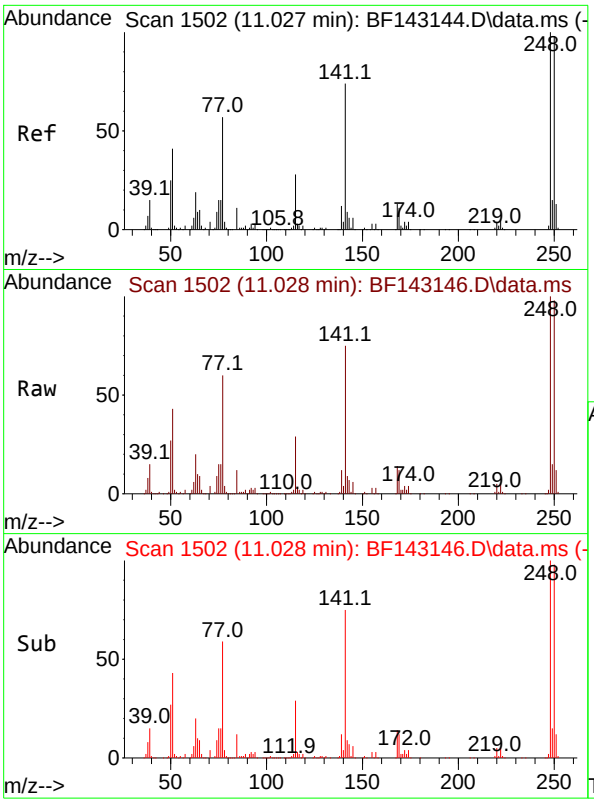


#66
n-Nitrosodiphenylamine
Concen: 58.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:169 Resp: 910468

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.1	78.1
167	35.8	28.2	42.2



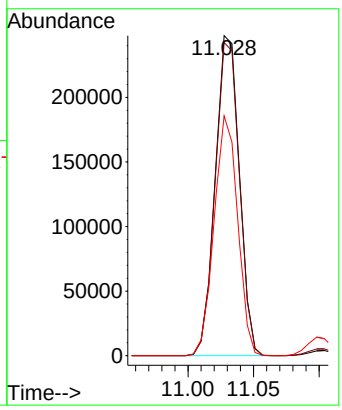


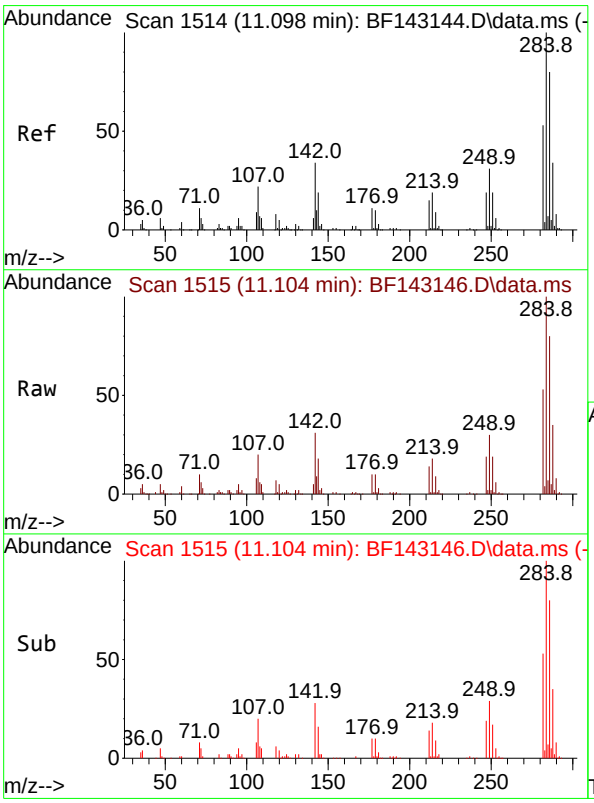
#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 318085

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	75.0	59.2	88.8

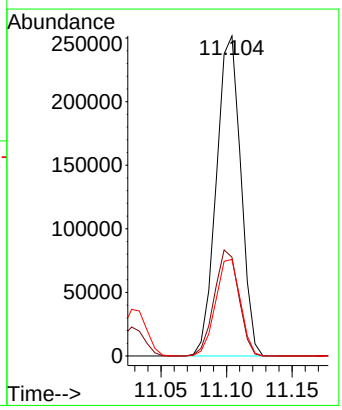


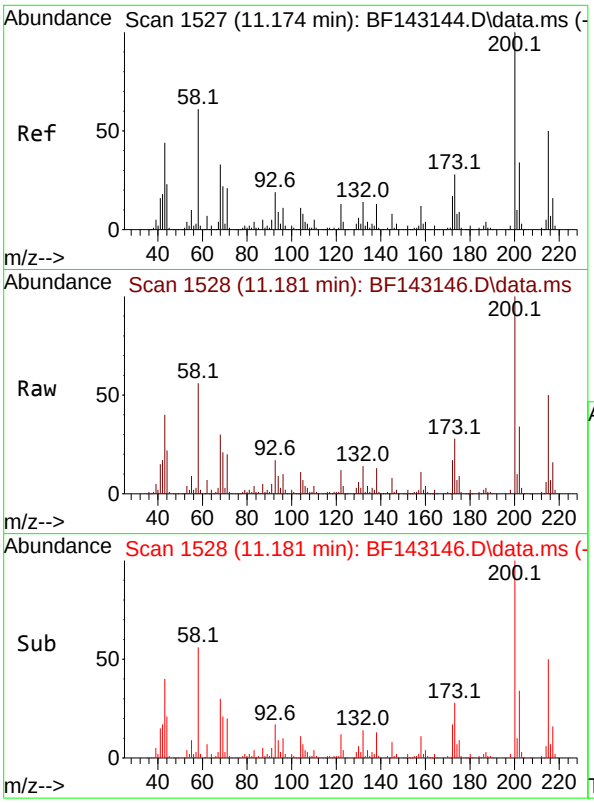


#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:284 Resp: 325779

Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.0	40.6
249	30.1	25.0	37.6



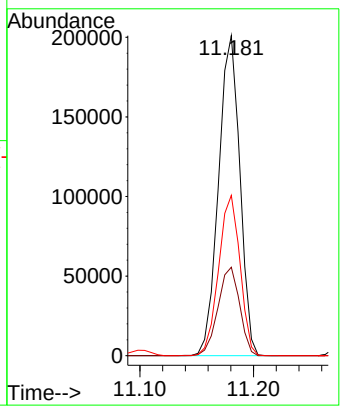


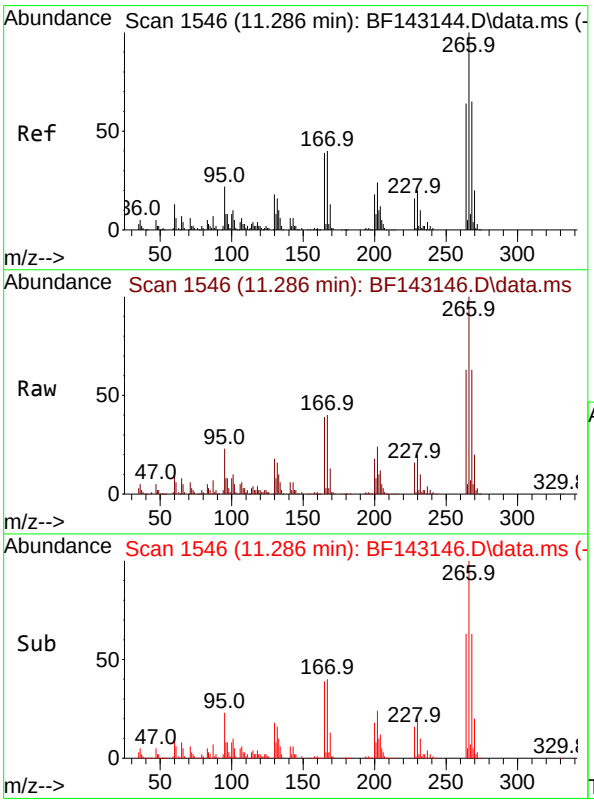
#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 262374

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.9	47.9
215	50.1	30.1	70.1

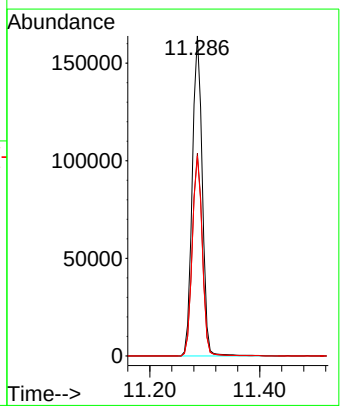


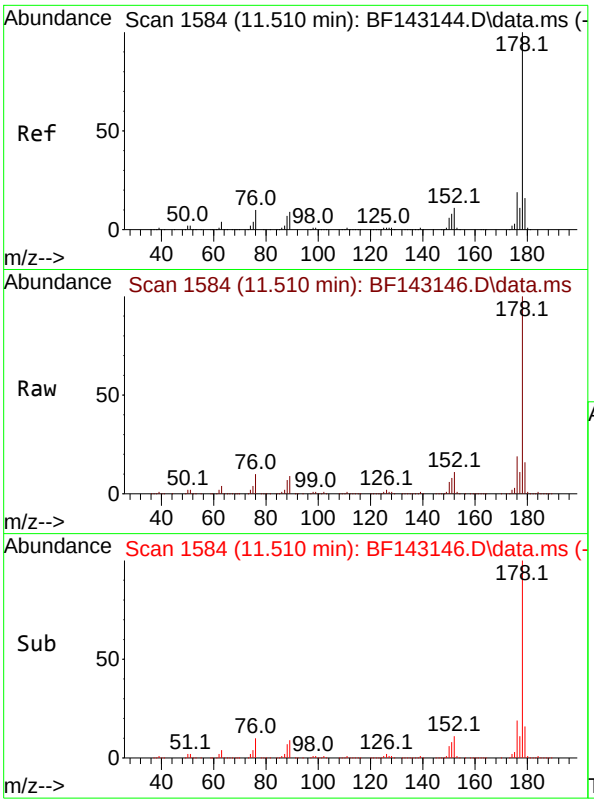


#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:266 Resp: 206417

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	62.5	51.0	76.6



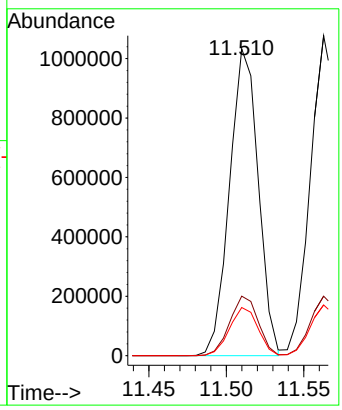


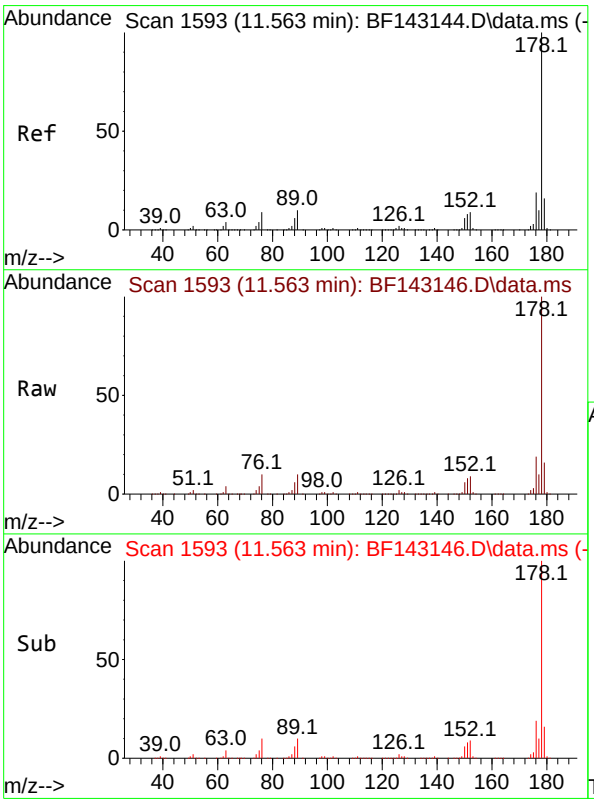
#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 1331485

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.5	18.7

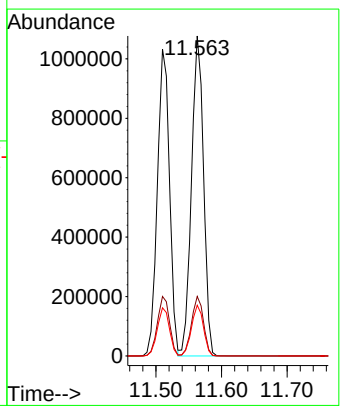


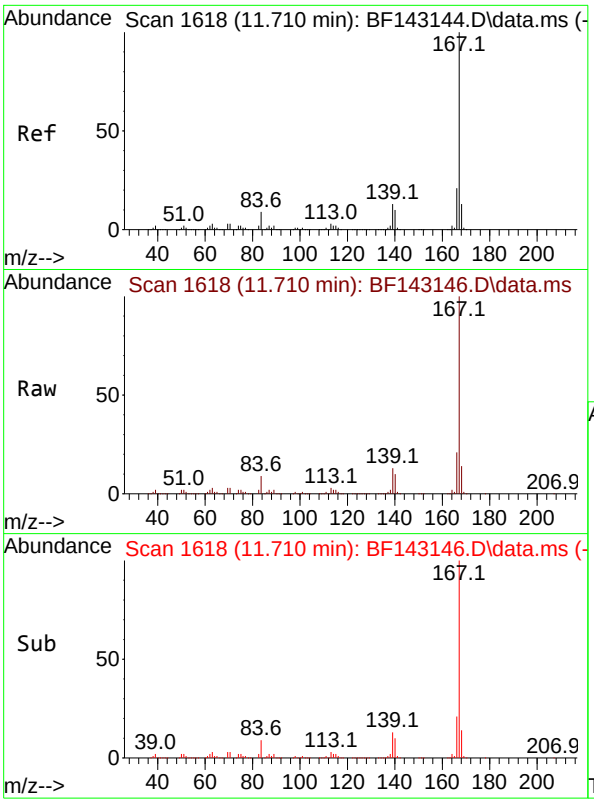


#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 1379601

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.5	18.7



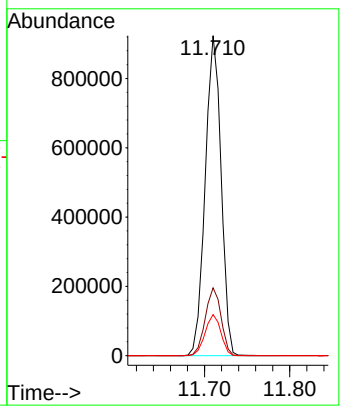


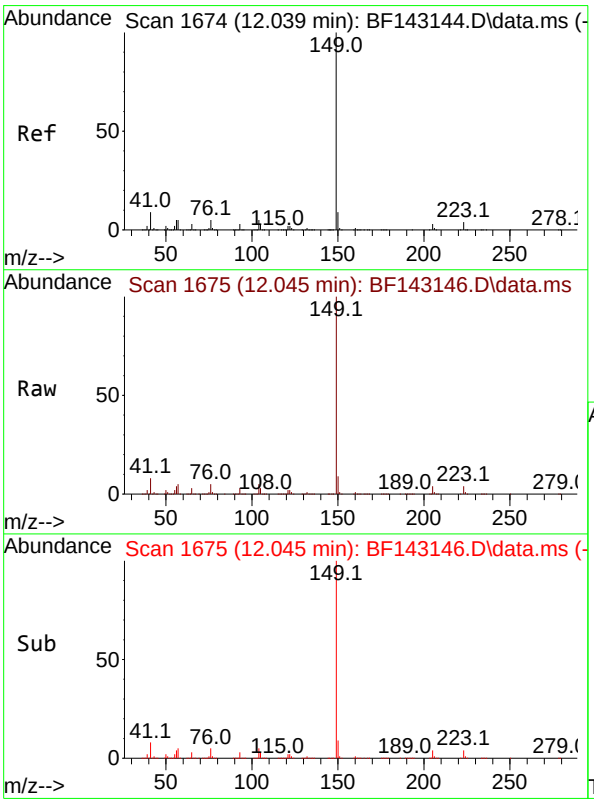
#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 1194026

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.9	10.0	15.0

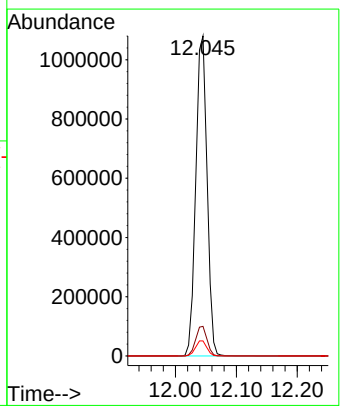


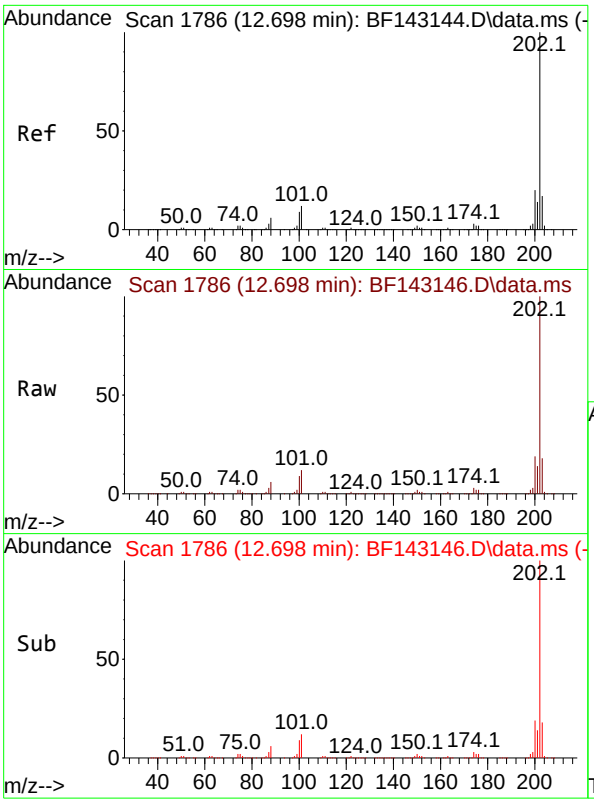


#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1392335

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8



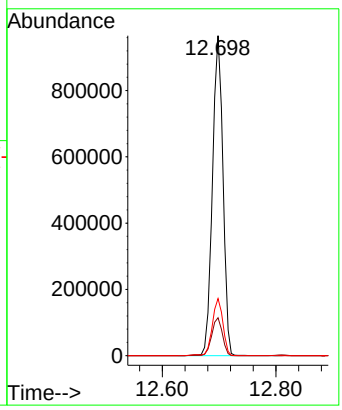


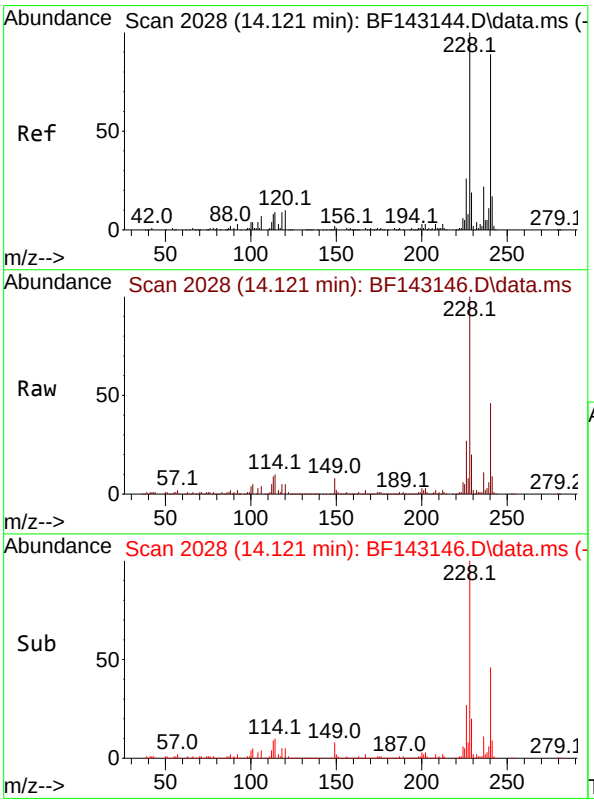
#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 1232952

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.8	0.0	37.4

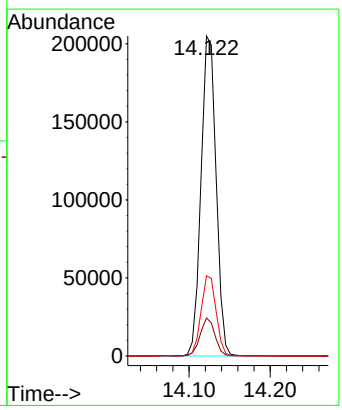


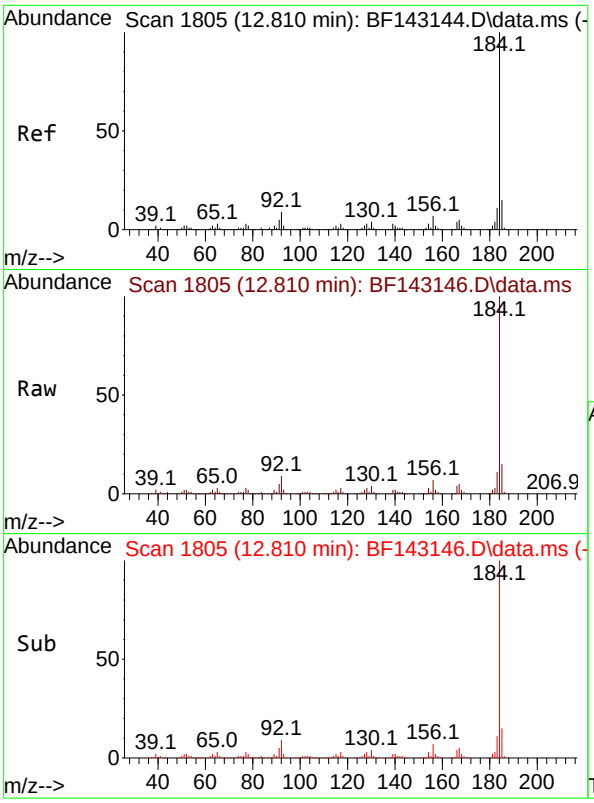


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:240 Resp: 264384

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.1	20.2	30.4



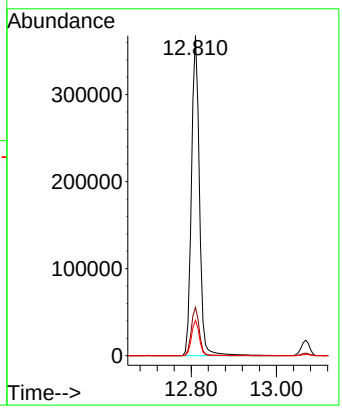


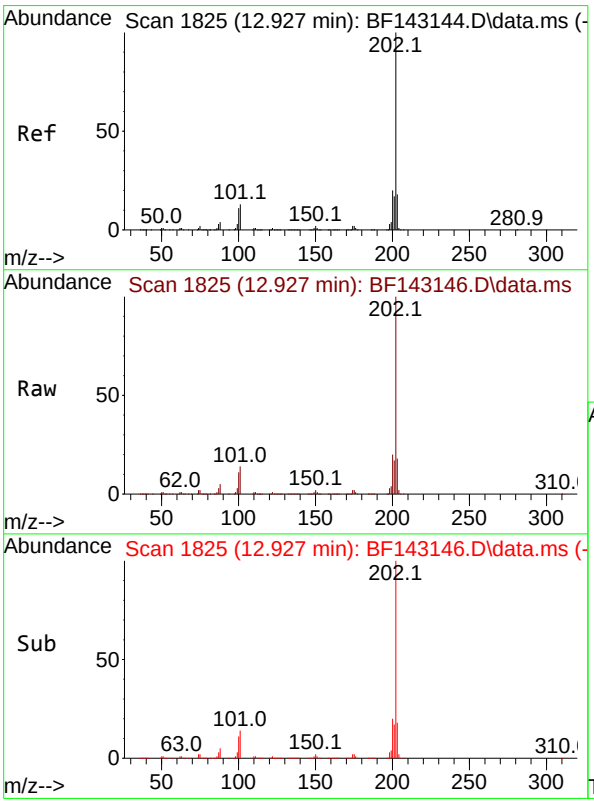
#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 476553

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.0	9.0	13.4

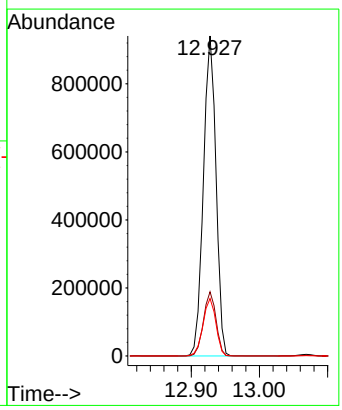


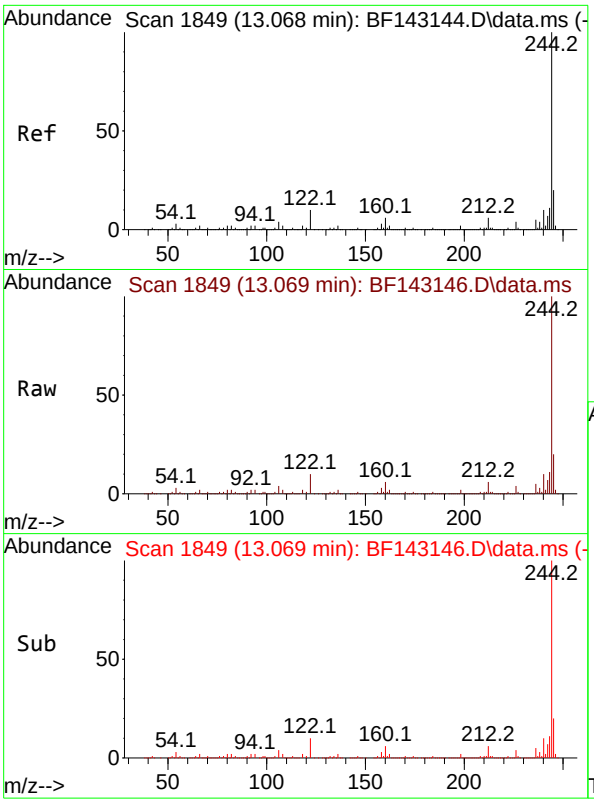


#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	18.0	14.2	21.2



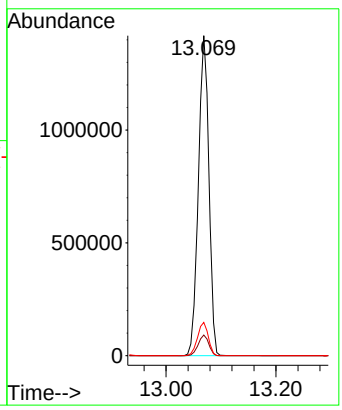


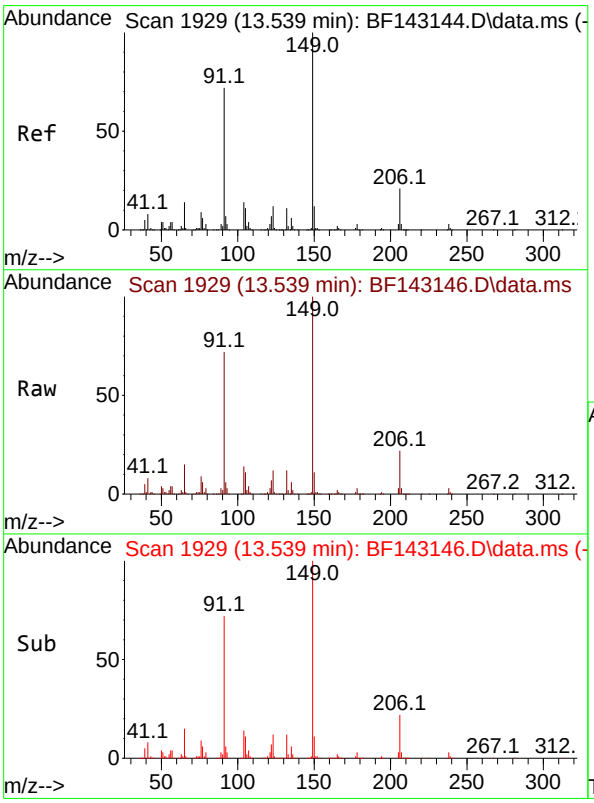
#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1888544

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.4	8.2	12.2

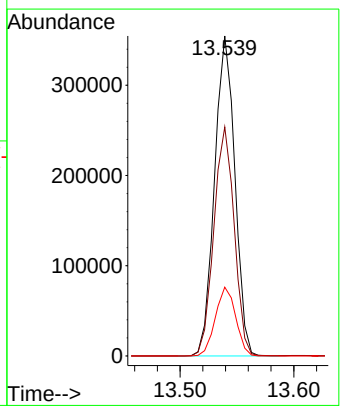


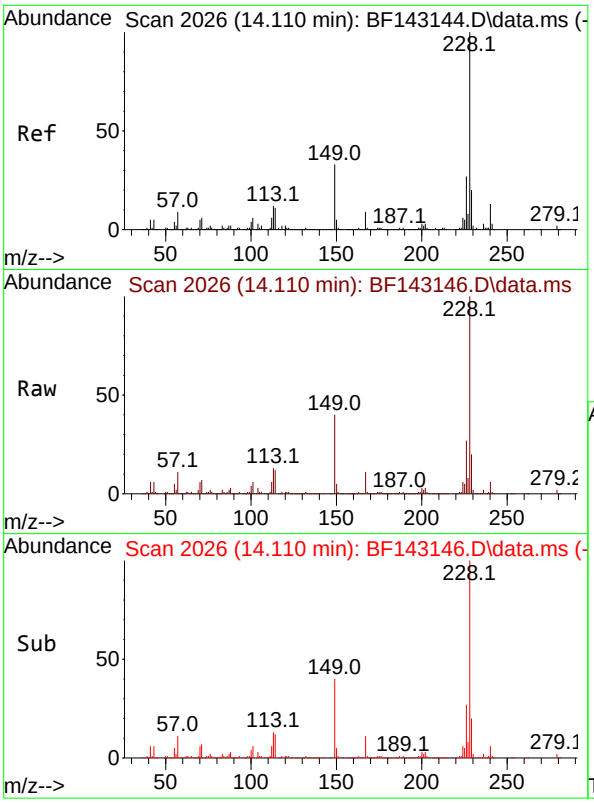


#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 441334

Ion	Ratio	Lower	Upper
149	100		
91	71.6	57.9	86.9
206	21.5	17.0	25.4



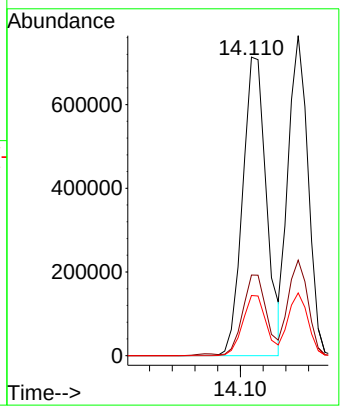


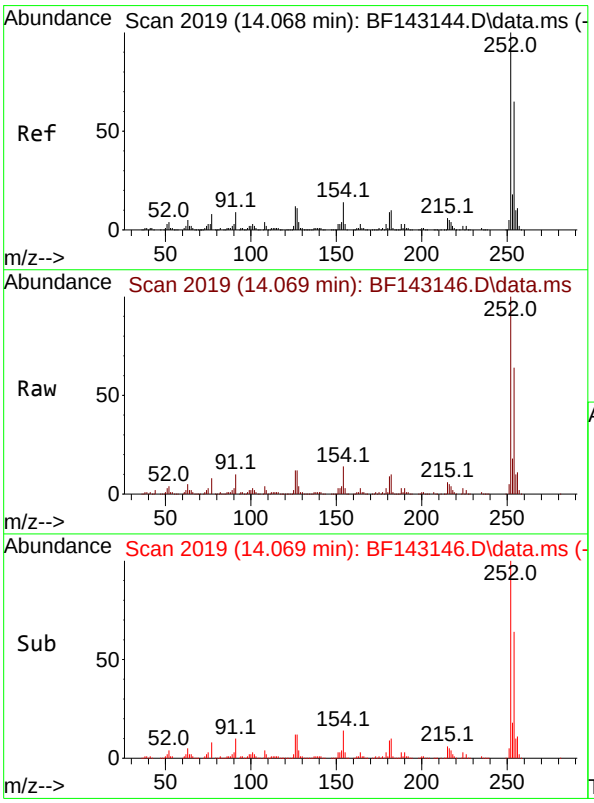
#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1041236

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.2	15.8	23.6

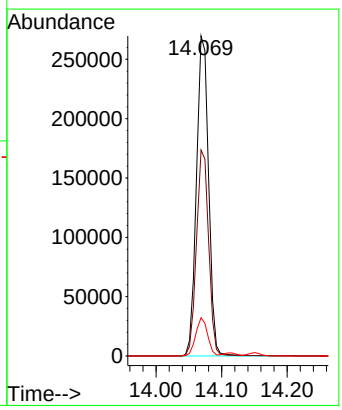


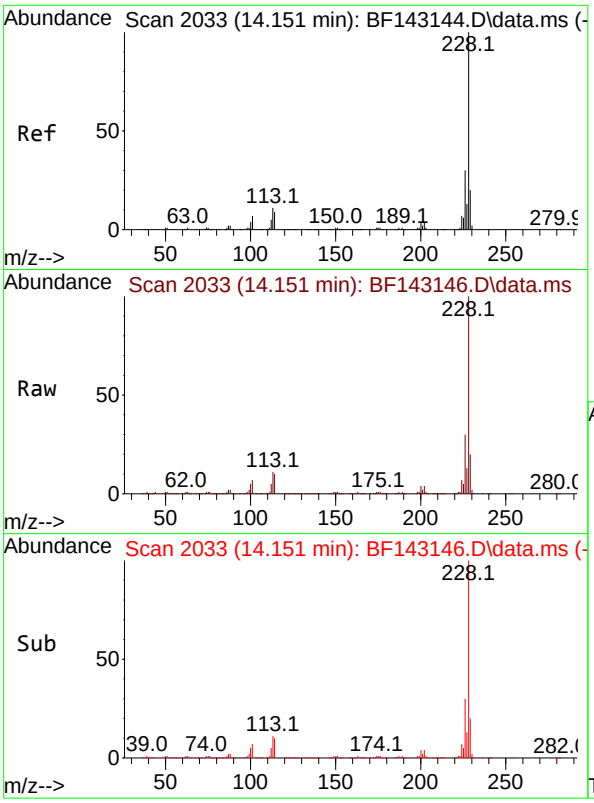


#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 348979

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	12.0	9.4	14.0



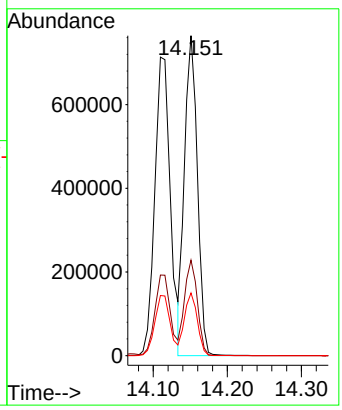


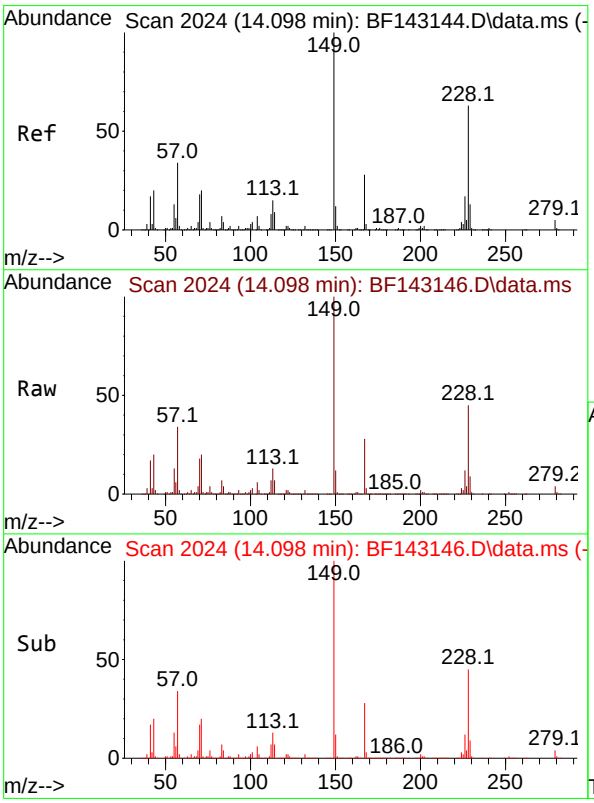
#83
Chrysene
Concen: 58.472 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 930545

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4

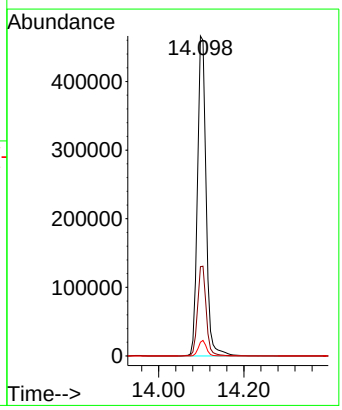


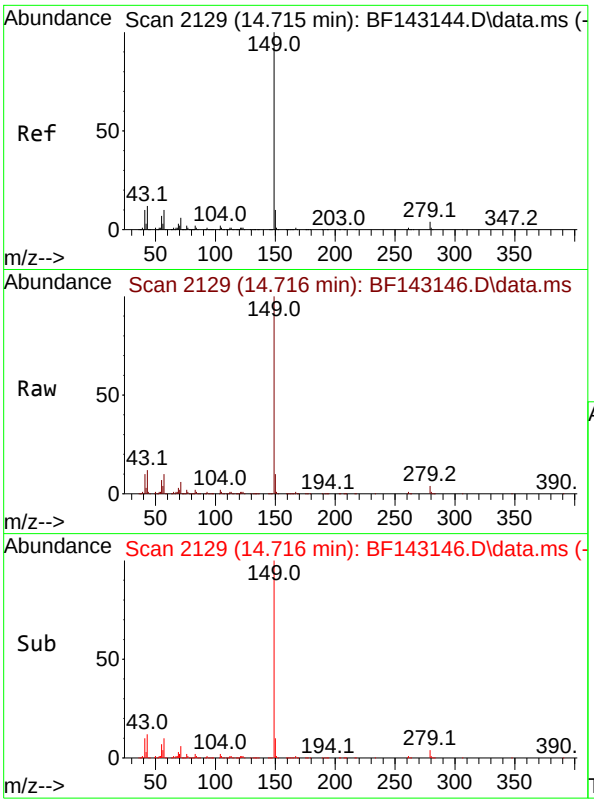


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 655482

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.3	3.6	5.4



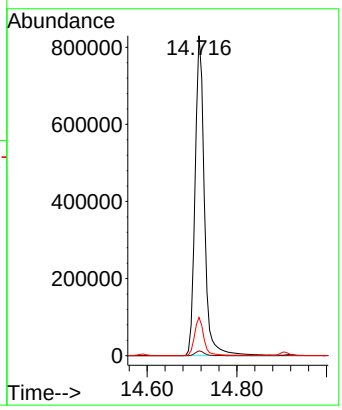


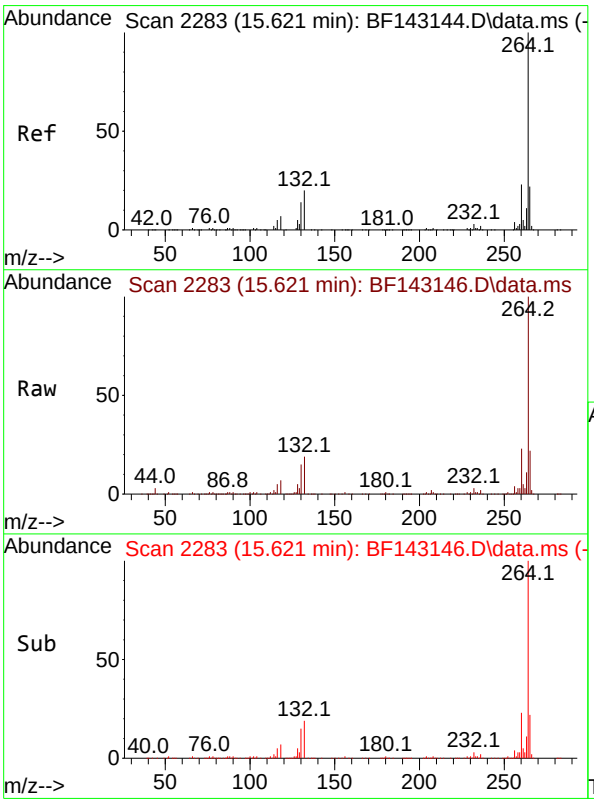
#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 1196044

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.0	9.7	14.5

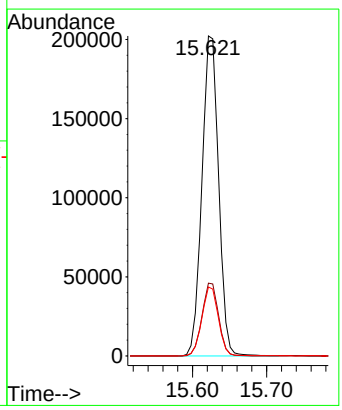


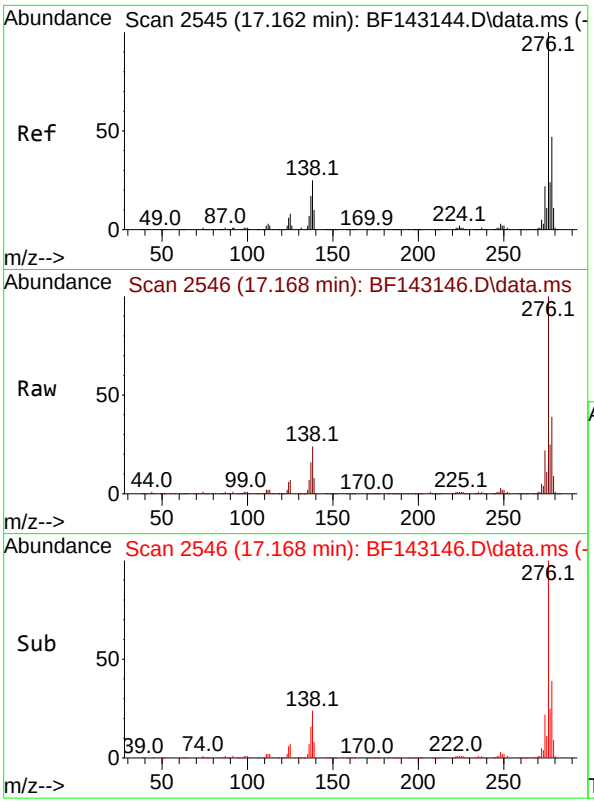


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:264 Resp: 315904

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.5	17.4	26.2



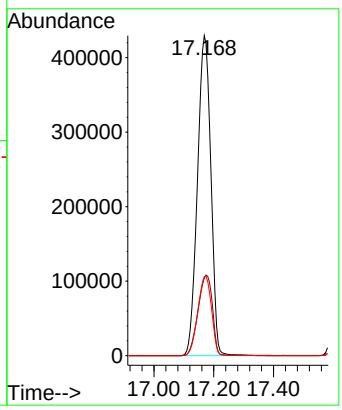


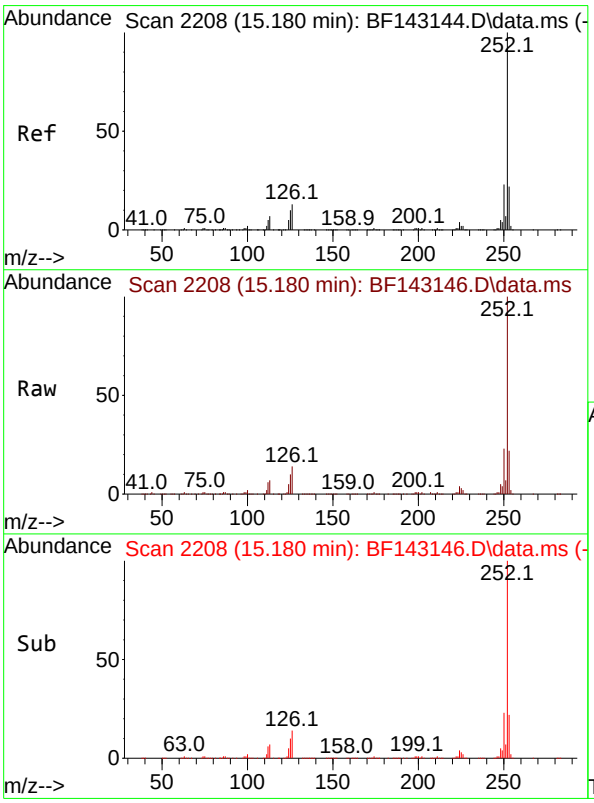
#87
Indeno(1,2,3-cd)pyrene
Concen: 60.037 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 1337361

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.4	20.0	30.0

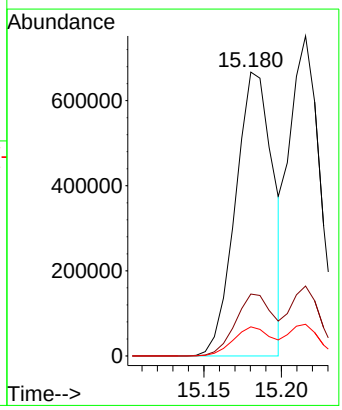


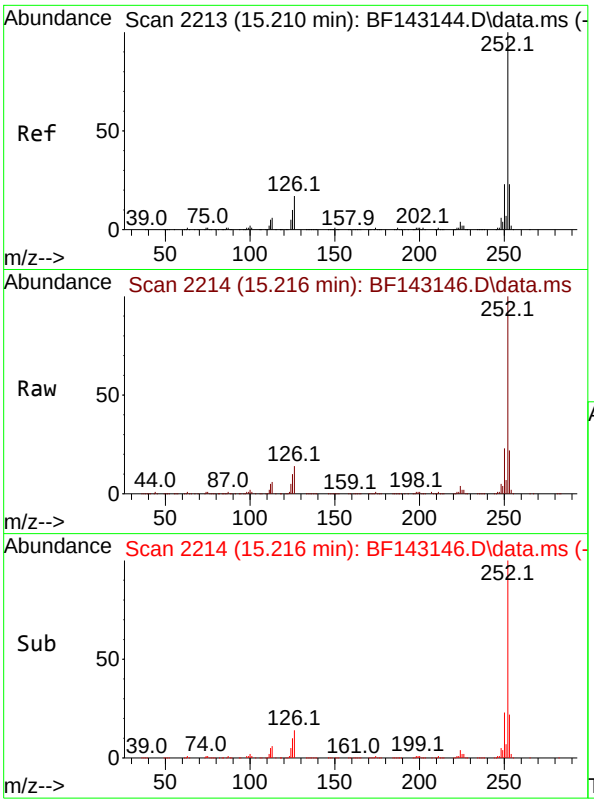


#88
Benzo(b)fluoranthene
Concen: 58.328 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1125667

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.3	8.0	12.0



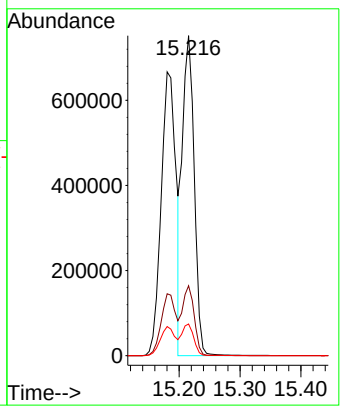


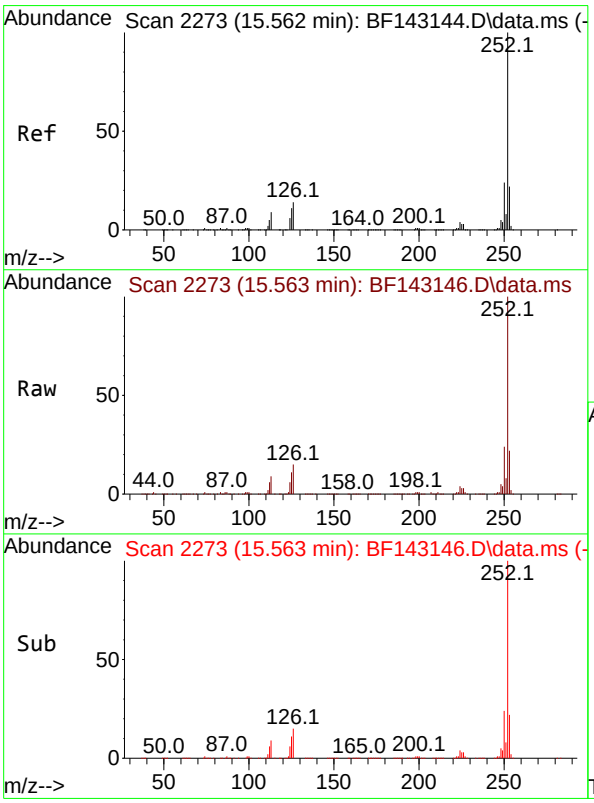
#89
Benzo(k)fluoranthene
Concen: 59.411 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 1023132

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.9	8.1	12.1

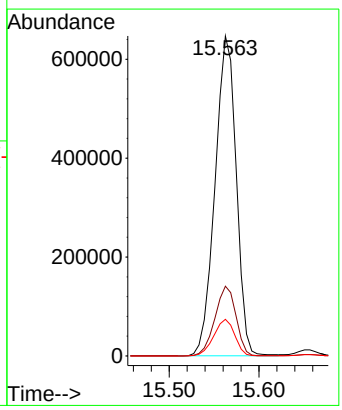


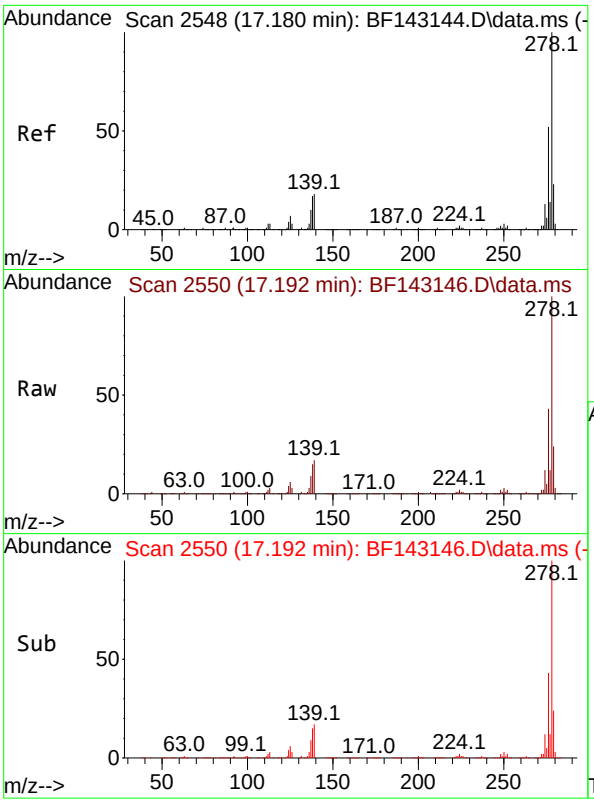


#90
Benzo(a)pyrene
Concen: 59.730 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1062049

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.5	8.6	13.0



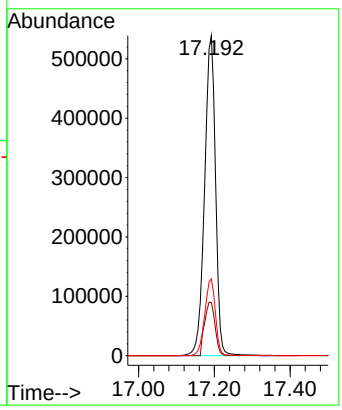


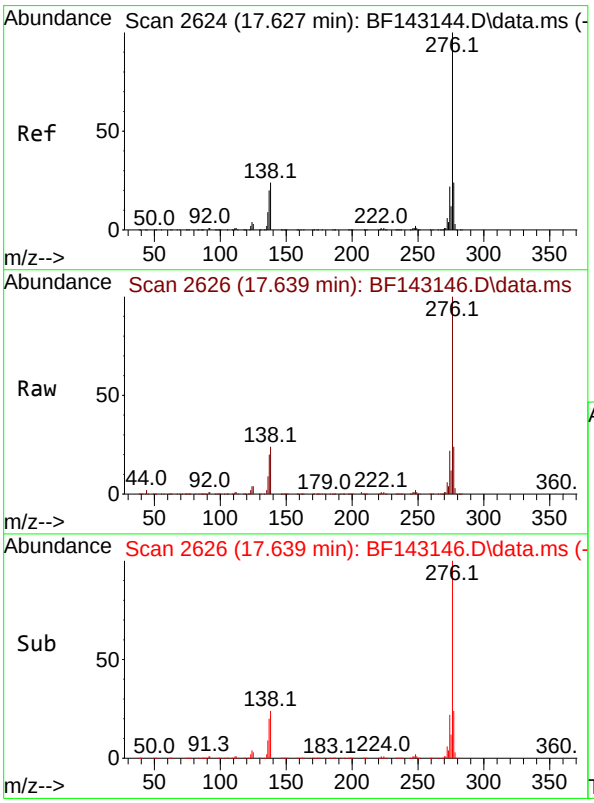
#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 1080768

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.1	21.1
279	24.0	18.6	28.0

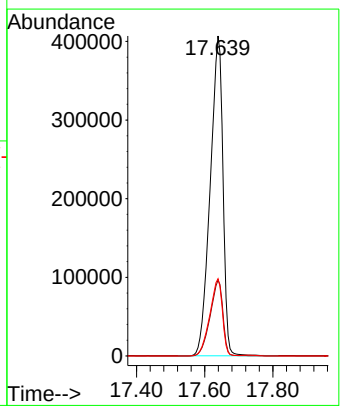




#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	24.2	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	145034	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	544516	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	275619	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	429046	20.000	ng		0.00
76) Chrysene-d12	14.127	240	245351	20.000	ng		0.00
86) Perylene-d12	15.627	264	296687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1300344	141.880	ng		0.00
7) Phenol-d6	6.593	99	1639937	142.159	ng		0.00
23) Nitrobenzene-d5	7.534	82	1644581	150.551	ng		0.01
42) 2,4,6-Tribromophenol	10.792	330	437054	153.498	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2623071	130.157	ng		0.00
79) Terphenyl-d14	13.069	244	2202828	133.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	323993	74.710	ng		99
3) Pyridine	3.569	79	842446	74.844	ng		99
4) n-Nitrosodimethylamine	3.528	42	445612	76.677	ng		97
6) Aniline	6.628	93	1170943	72.831	ng		98
8) 2-Chlorophenol	6.751	128	699193	72.781	ng		99
9) Benzaldehyde	6.516	77	493544	57.055	ng		99
10) Phenol	6.610	94	927252	73.783	ng		88
11) bis(2-Chloroethyl)ether	6.698	93	697645	72.503	ng		100
12) 1,3-Dichlorobenzene	6.910	146	734699	70.400	ng		100
13) 1,4-Dichlorobenzene	6.987	146	739462	70.360	ng		99
14) 1,2-Dichlorobenzene	7.140	146	709300	70.958	ng		100
15) Benzyl Alcohol	7.104	79	661847	75.139	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1265589	70.902	ng		99
17) 2-Methylphenol	7.210	107	595477	73.719	ng		99
18) Hexachloroethane	7.481	117	266665	73.293	ng		99
19) n-Nitroso-di-n-propyla...	7.387	70	528820	71.452	ng		99
20) 3+4-Methylphenols	7.369	107	673906	68.763	ng	#	87
22) Acetophenone	7.375	105	890890	69.107	ng	#	95
24) Nitrobenzene	7.551	77	751964	73.836	ng		100
25) Isophorone	7.792	82	1453353	75.366	ng		99
26) 2-Nitrophenol	7.863	139	364951	82.568	ng		100
27) 2,4-Dimethylphenol	7.898	122	649144	72.050	ng		99
28) bis(2-Chloroethoxy)met...	7.992	93	834021	72.134	ng		99
29) 2,4-Dichlorophenol	8.104	162	558665	73.527	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	588333	71.673	ng		99
31) Naphthalene	8.269	128	1854387	69.150	ng		100
32) Benzoic acid	8.028	122	409976	77.395	ng		99
33) 4-Chloroaniline	8.310	127	787243	71.895	ng		98
34) Hexachlorobutadiene	8.392	225	368327	73.453	ng		99
35) Caprolactam	8.698	113	178271	77.644	ng		96
36) 4-Chloro-3-methylphenol	8.792	107	614048	74.354	ng		99
37) 2-Methylnaphthalene	8.957	142	1137176	69.687	ng		100
38) 1-Methylnaphthalene	9.057	142	1168702	69.550	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	568070	71.389	ng		99
41) Hexachlorocyclopentadiene	9.122	237	412756	79.719	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	412148	74.838	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	423565	76.888	ng		99
46) 1,1'-Biphenyl	9.428	154	1492094	69.388	ng		100
47) 2-Chloronaphthalene	9.451	162	1131626	71.122	ng		100
48) 2-Nitroaniline	9.534	65	404023	80.971	ng		96
49) Acenaphthylene	9.869	152	1868062	70.057	ng		100
50) Dimethylphthalate	9.728	163	1288559	71.723	ng		99
51) 2,6-Dinitrotoluene	9.781	165	292718	80.093	ng		99
52) Acenaphthene	10.039	154	1120315	71.086	ng		99
53) 3-Nitroaniline	9.951	138	333980	78.128	ng		98
54) 2,4-Dinitrophenol	10.051	184	133446	80.516	ng	#	40
55) Dibenzofuran	10.210	168	1615399	69.038	ng		99
56) 4-Nitrophenol	10.098	139	252698	79.161	ng		99
57) 2,4-Dinitrotoluene	10.186	165	376124	82.029	ng		96
58) Fluorene	10.551	166	1197731	68.203	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	340118	74.533	ng		100
60) Diethylphthalate	10.422	149	1276217	71.870	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	614962	70.326	ng		99
62) 4-Nitroaniline	10.569	138	291926	79.680	ng		98
63) Azobenzene	10.704	77	1318720	71.255	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	186415	78.948	ng		98
66) n-Nitrosodiphenylamine	10.663	169	1087990	72.014	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	382122	74.734	ng		98
68) Hexachlorobenzene	11.104	284	399107	74.680	ng		96
69) Atrazine	11.180	200	324126	77.819	ng		99
70) Pentachlorophenol	11.286	266	257176	81.829	ng		98
71) Phenanthrene	11.516	178	1602208	70.331	ng		100
72) Anthracene	11.563	178	1641264	70.640	ng		100
73) Carbazole	11.710	167	1435444	70.754	ng		99
74) Di-n-butylphthalate	12.045	149	1699503	74.034	ng		100
75) Fluoranthene	12.698	202	1498103	71.645	ng		99
77) Benzidine	12.810	184	496717	52.548	ng		100
78) Pyrene	12.927	202	1466205	70.021	ng		100
80) Butylbenzylphthalate	13.539	149	521631	81.353	ng		99
81) Benzo(a)anthracene	14.116	228	1212056	73.788	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	393448	71.867	ng		99
83) Chrysene	14.151	228	1105636	74.863	ng		100
84) Bis(2-ethylhexyl)phtha...	14.104	149	774366	79.790	ng		99
85) Di-n-octyl phthalate	14.716	149	1434055	81.519	ng		99
87) Indeno(1,2,3-cd)pyrene	17.174	276	1604969	76.718	ng		99
88) Benzo(b)fluoranthene	15.186	252	1438518	79.367	ng		100
89) Benzo(k)fluoranthene	15.216	252	1111726	68.737	ng		100
90) Benzo(a)pyrene	15.568	252	1269253	76.006	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	1289789	75.746	ng		99
92) Benzo(g,h,i)perylene	17.645	276	1265778	76.846	ng		100

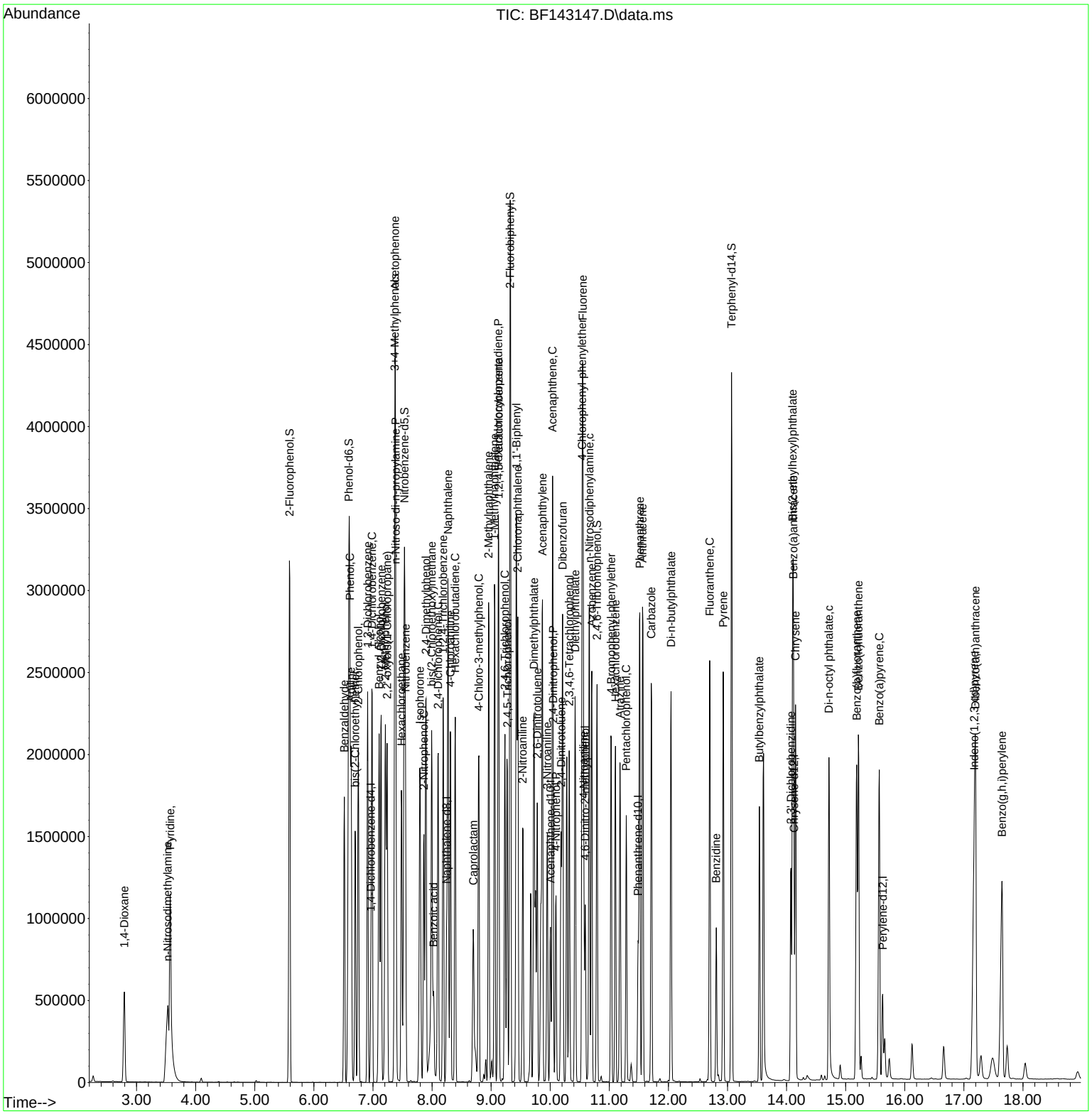
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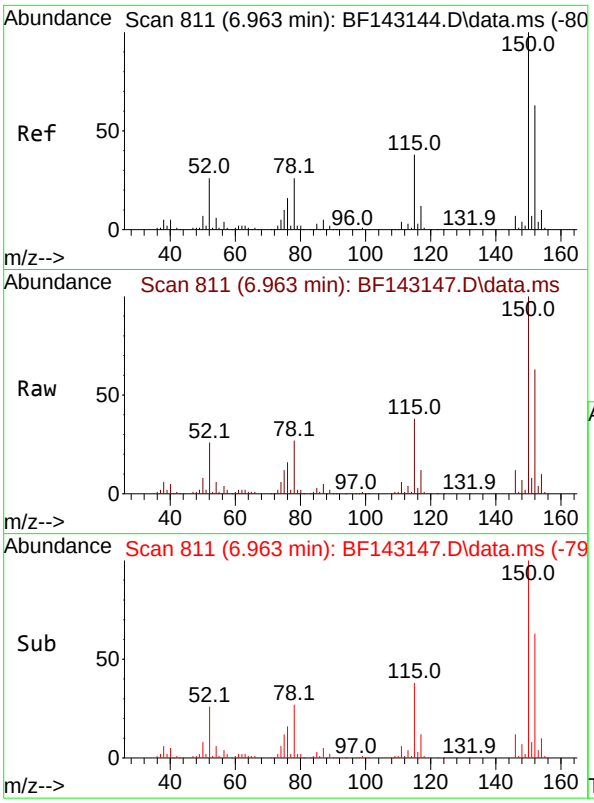
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



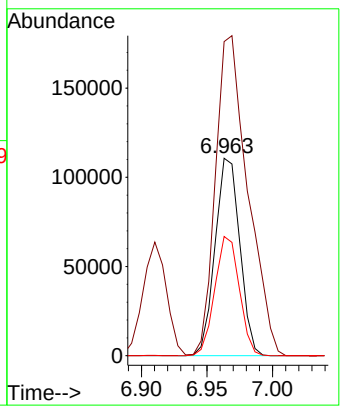


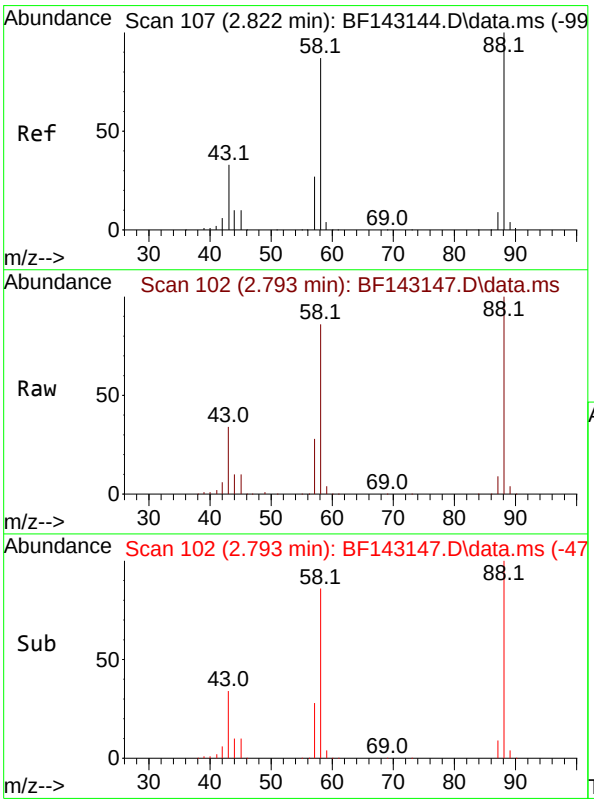
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 145034

Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.2	192.4
115	60.4	47.9	71.9

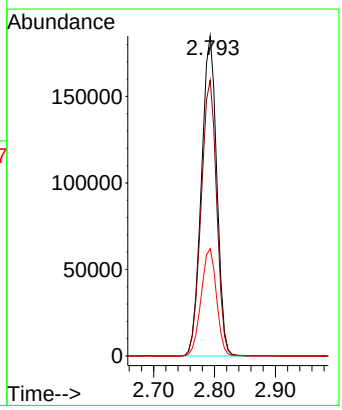


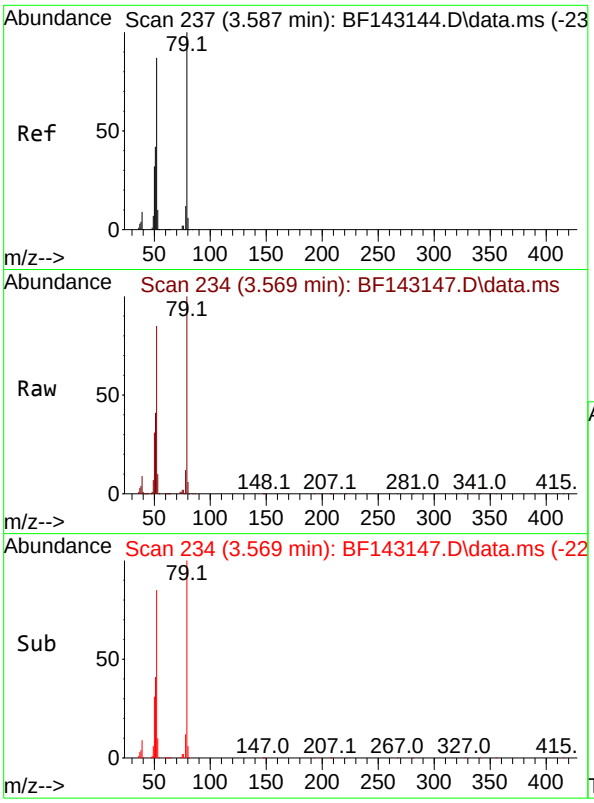


#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 88 Resp: 323993

Ion	Ratio	Lower	Upper
88	100		
58	86.8	70.2	105.2
43	33.6	27.1	40.7



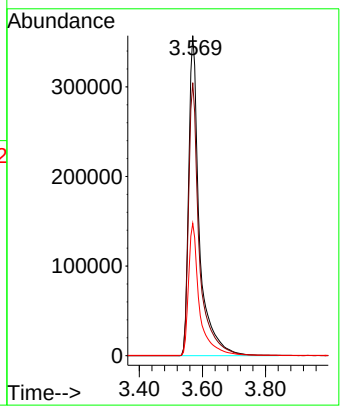


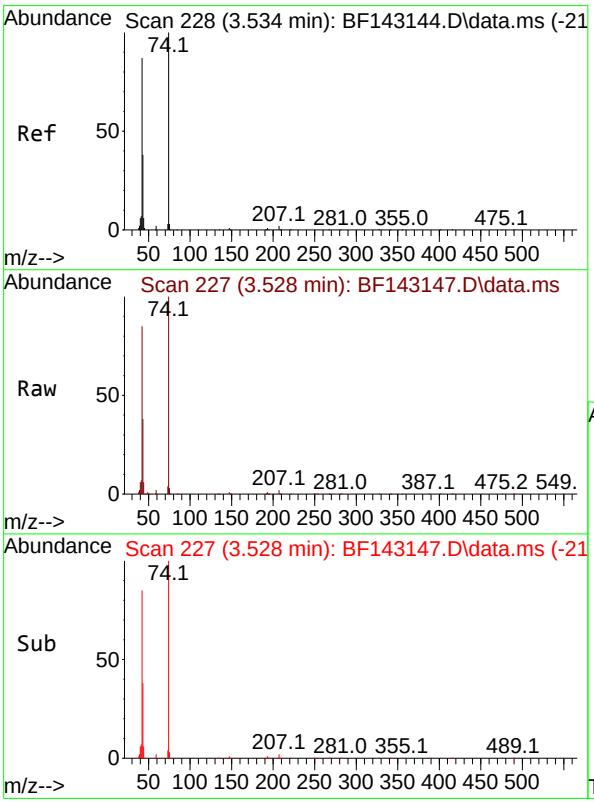
#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 842446

Ion	Ratio	Lower	Upper
79	100		
52	85.3	69.4	104.2
51	41.4	33.5	50.3

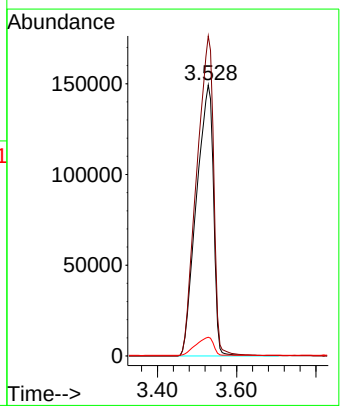


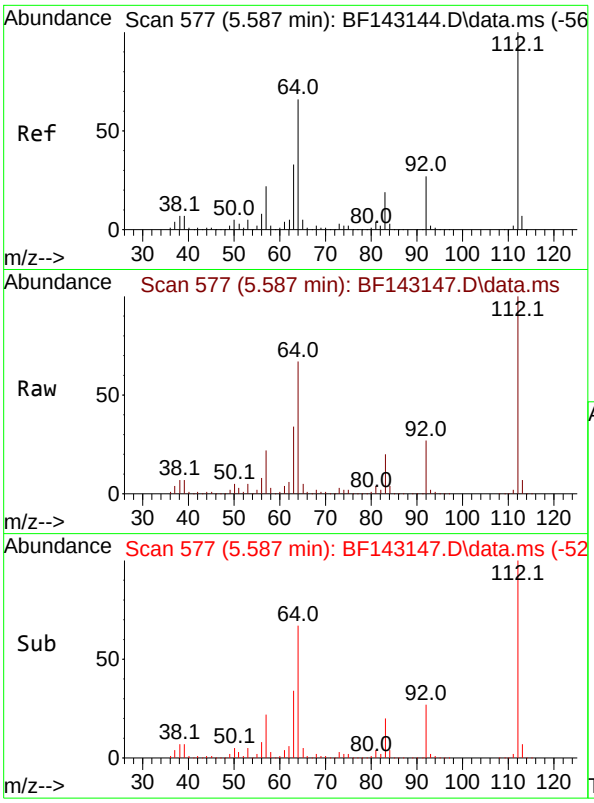


#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 42 Resp: 445612

Ion	Ratio	Lower	Upper
42	100		
74	118.0	91.7	137.5
44	6.9	5.6	8.4



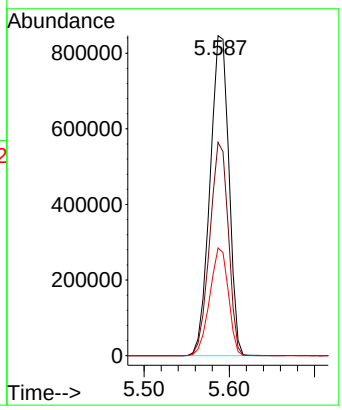


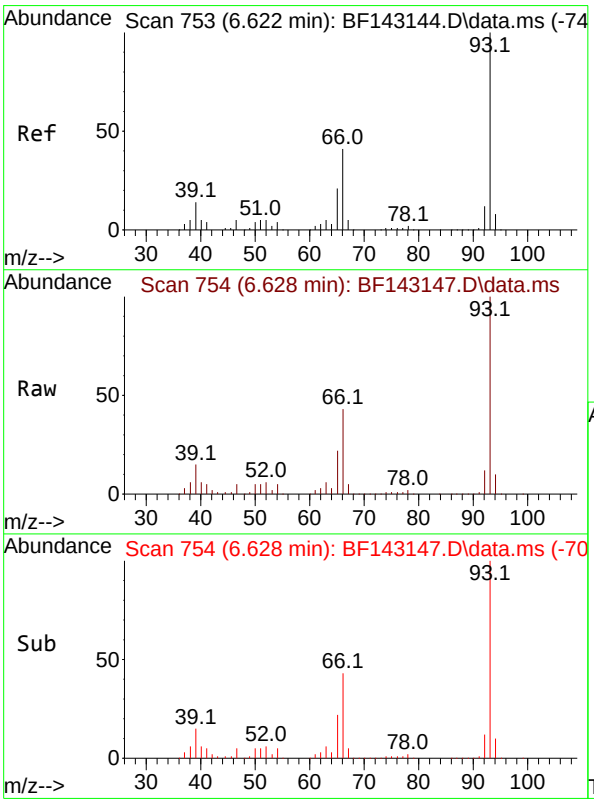
#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1300344

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.6	26.6	40.0

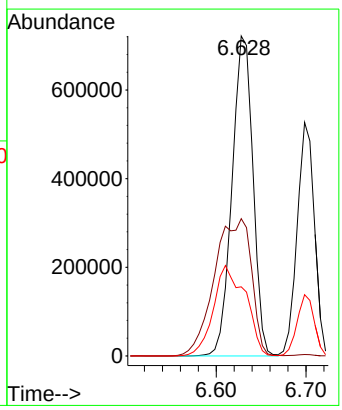


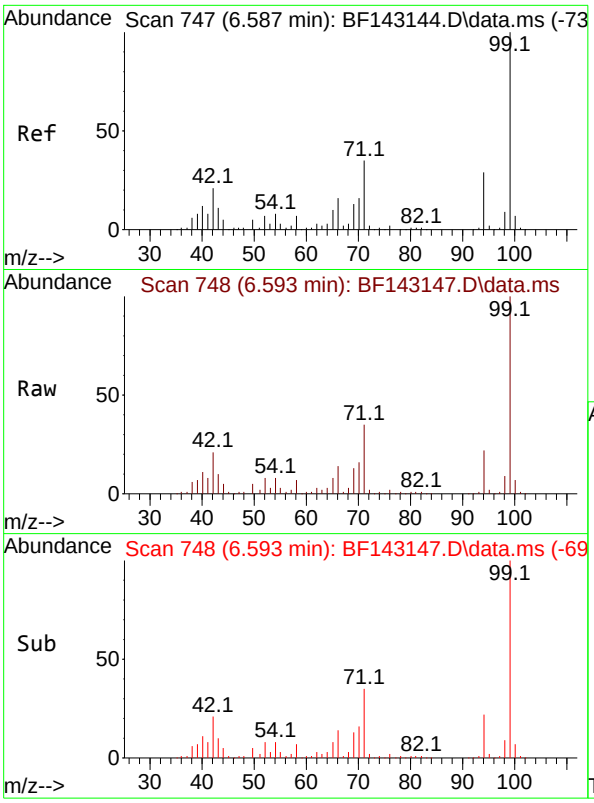


#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943

Ion	Ratio	Lower	Upper
93	100		
66	42.9	33.2	49.8
65	21.6	16.9	25.3



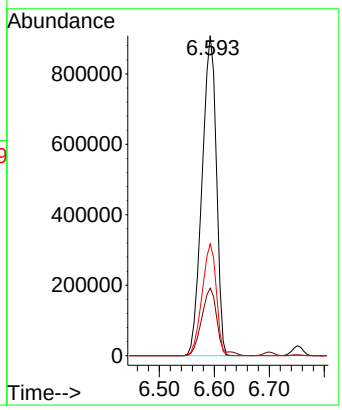


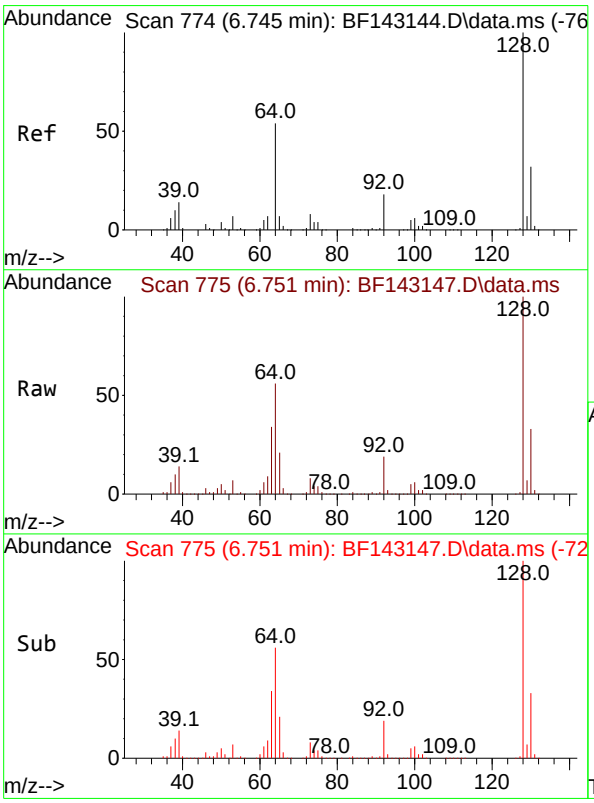
#7
Phenol-d6
Concen: 142.159 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1639937

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	35.0	27.7	41.5

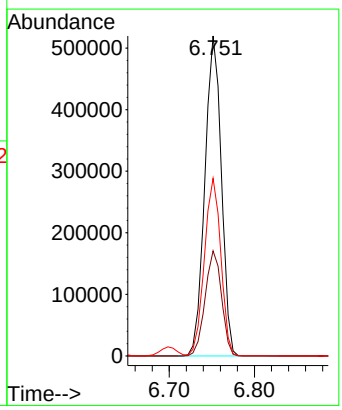


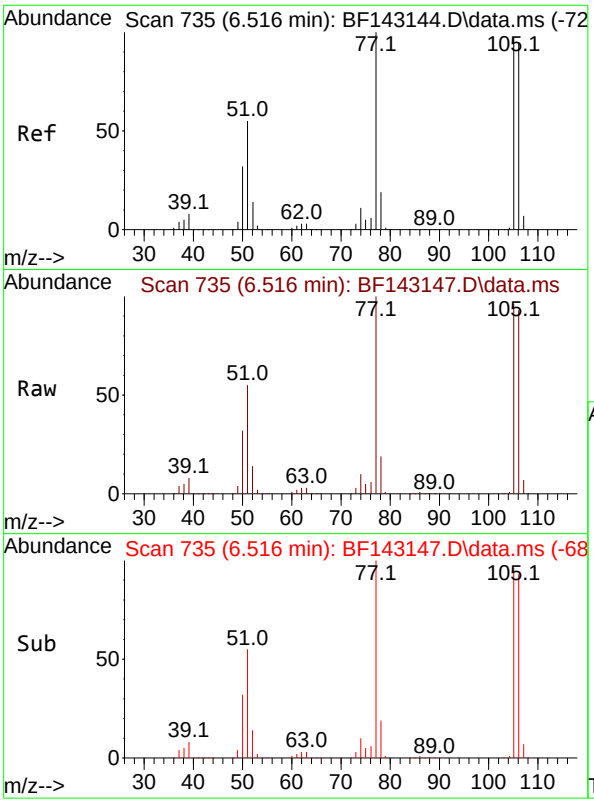


#8
2-Chlorophenol
Concen: 72.781 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 699193

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	55.5	35.9	75.9



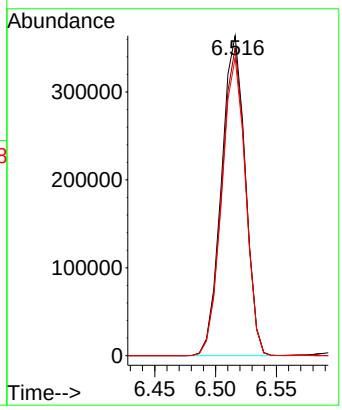


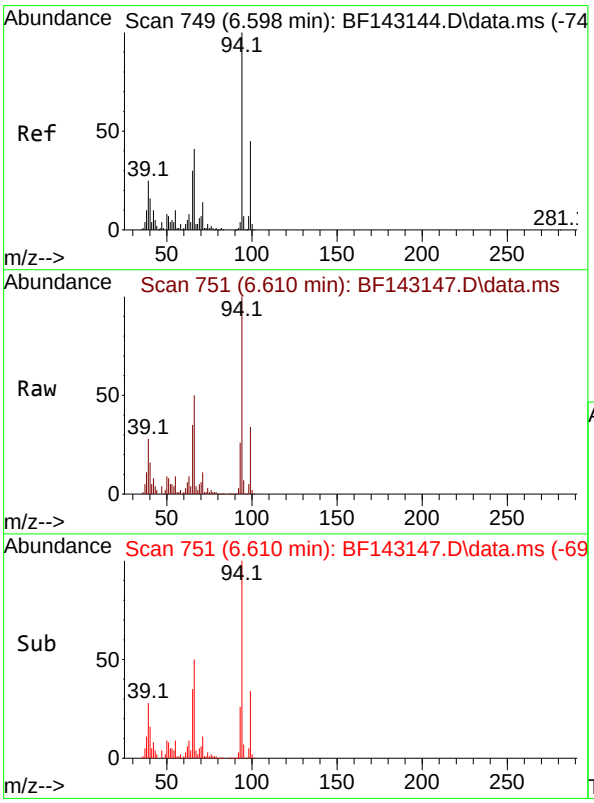
#9
Benzaldehyde
Concen: 57.055 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 493544

Ion	Ratio	Lower	Upper
77	100		
105	96.2	76.8	116.8
106	93.1	74.4	114.4

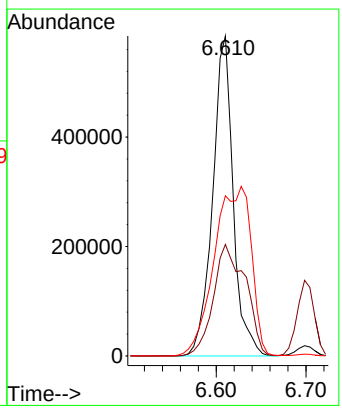


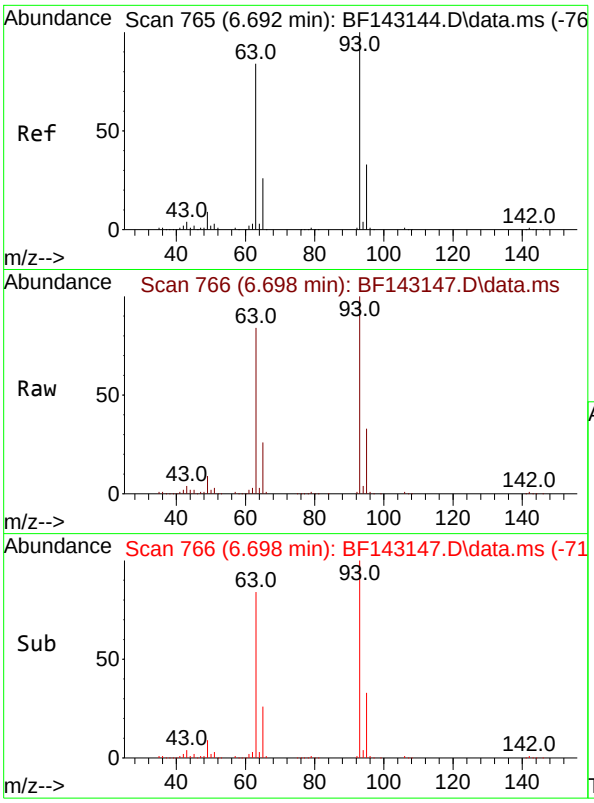


#10
Phenol
Concen: 73.783 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 94 Resp: 927252

Ion	Ratio	Lower	Upper
94	100		
65	34.9	10.0	50.0
66	50.1	20.8	60.8



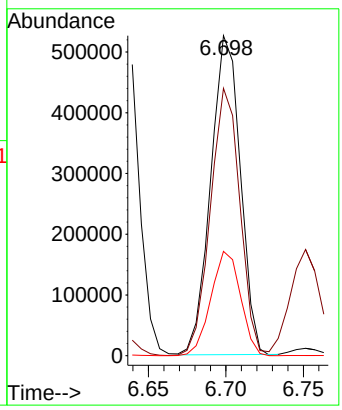


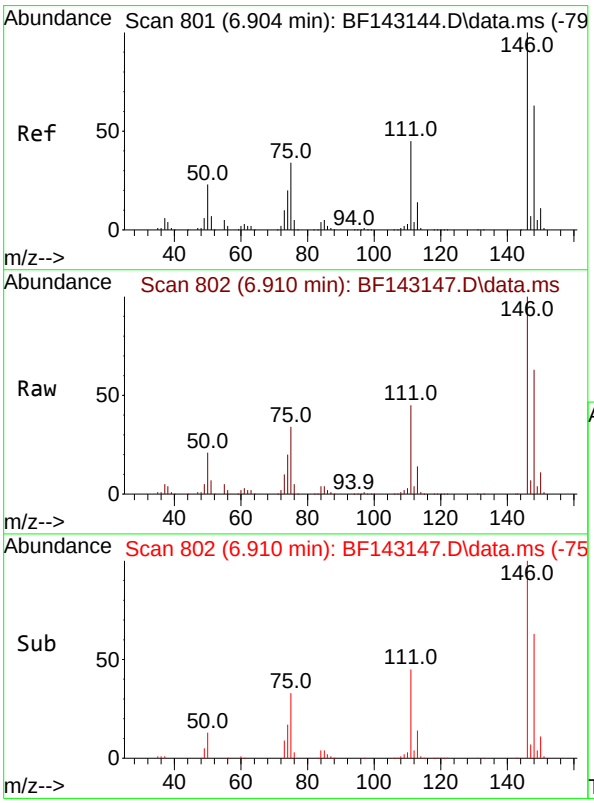
#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 697645

Ion	Ratio	Lower	Upper
93	100		
63	83.6	63.4	103.4
95	32.6	12.4	52.4

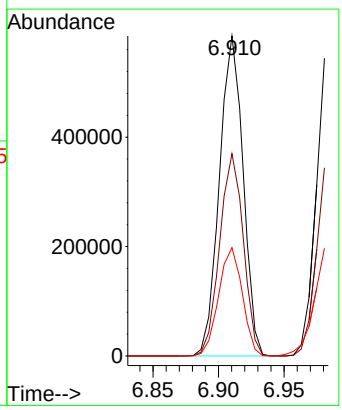


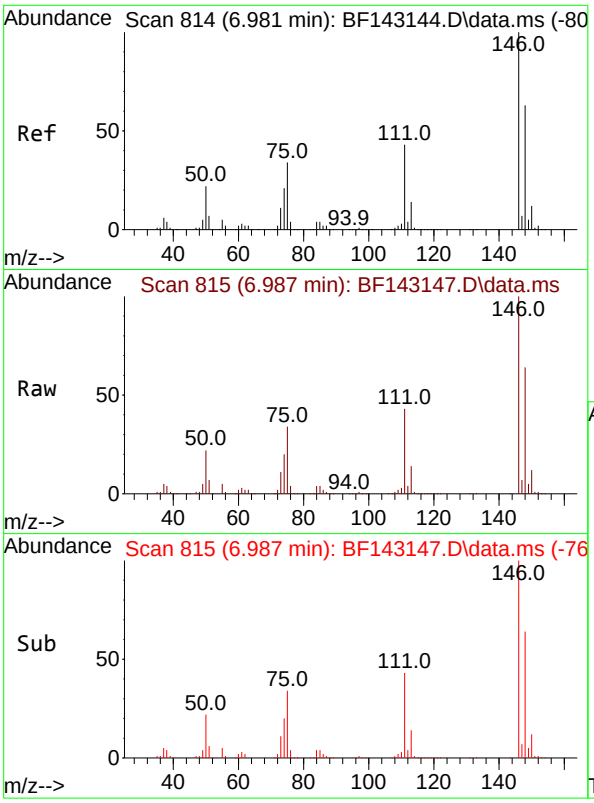


#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 734699

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
75	33.9	27.4	41.2



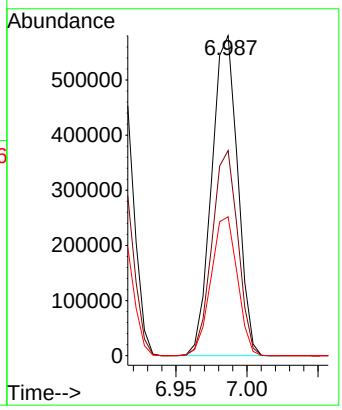


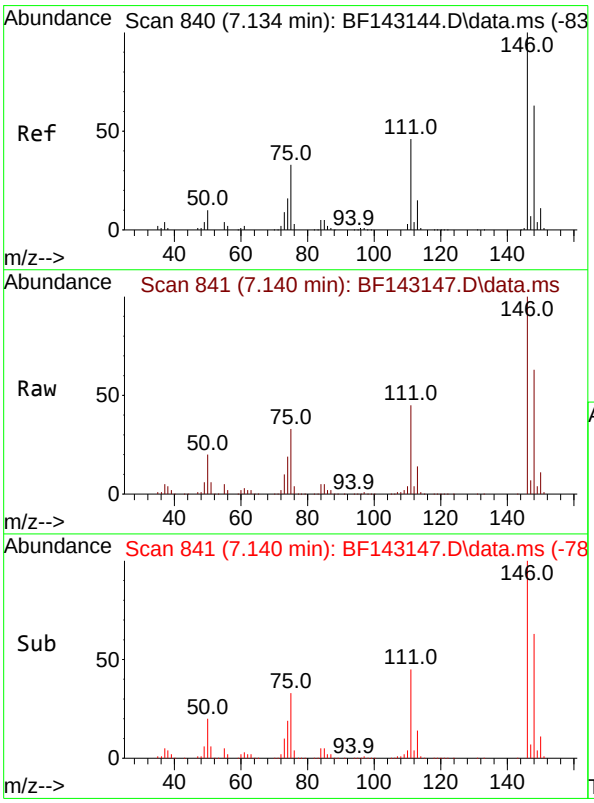
#13
1,4-Dichlorobenzene
Concen: 70.360 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 739462

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.4	34.4	51.6

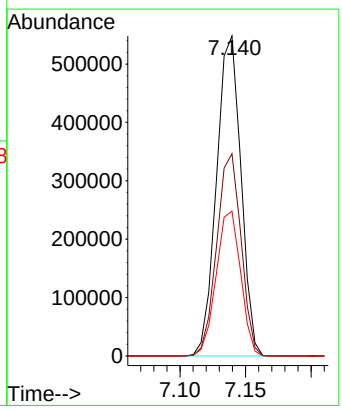


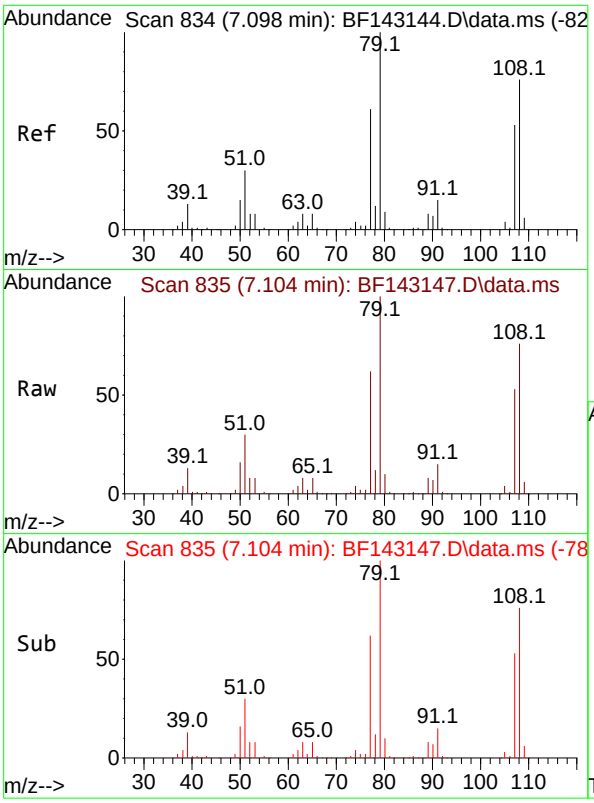


#14
1,2-Dichlorobenzene
Concen: 70.958 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 709300

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	45.3	36.6	54.8



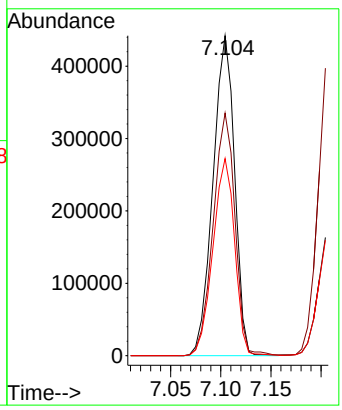


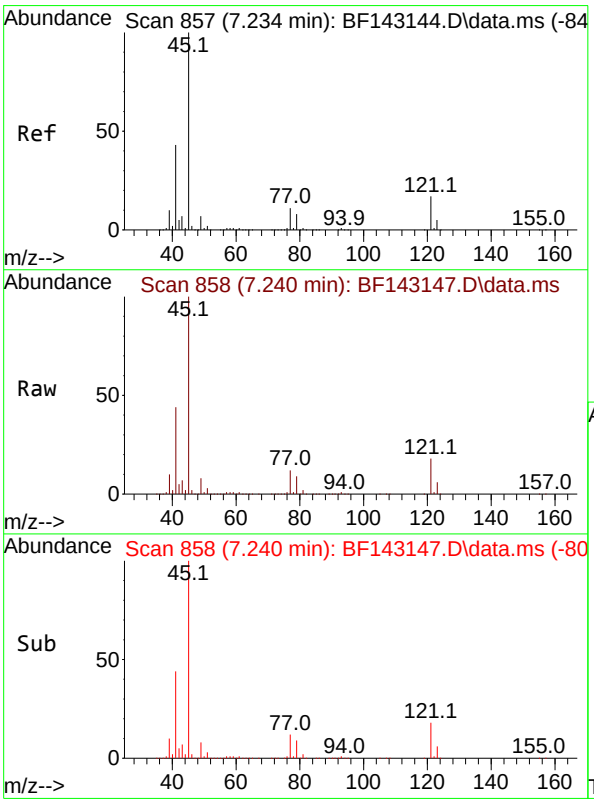
#15
Benzyl Alcohol
Concen: 75.139 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 661847

Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.6	48.9	73.3

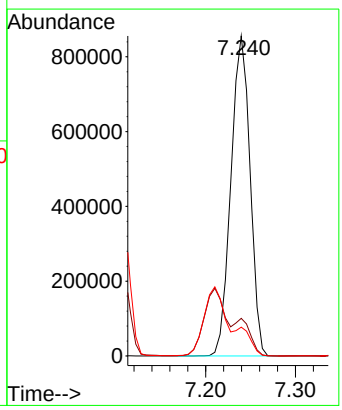


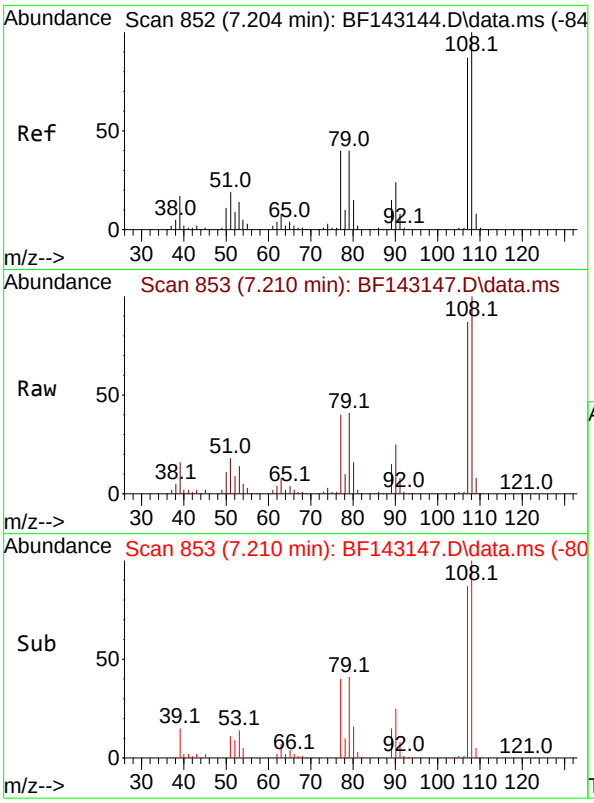


#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.902 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 45 Resp: 1265589

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5



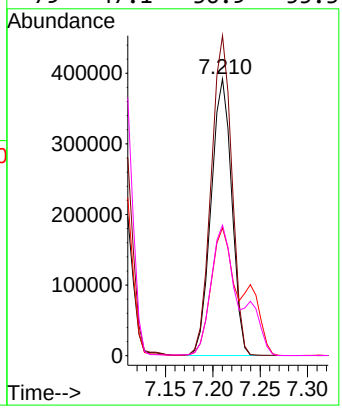


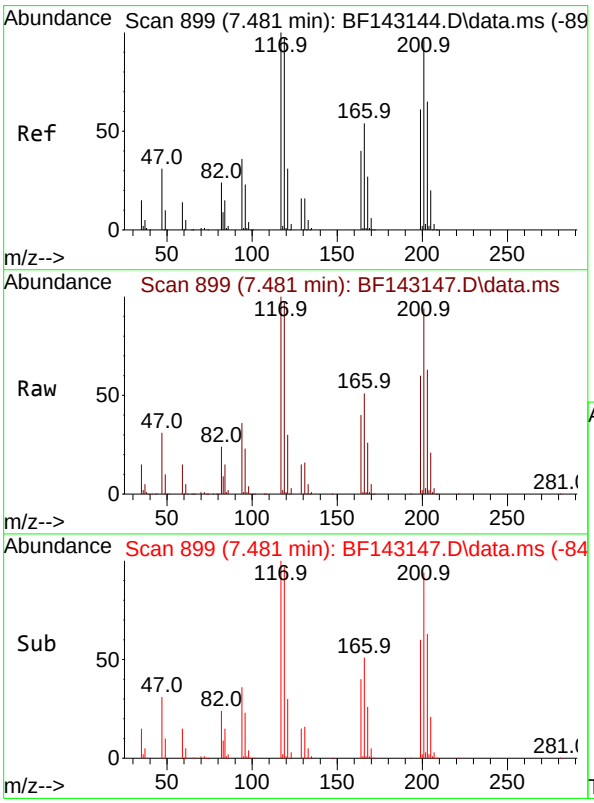
#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 595477

Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.8	137.6
77	46.2	37.0	55.6
79	47.1	36.9	55.3

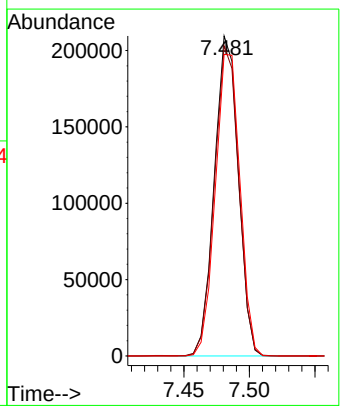


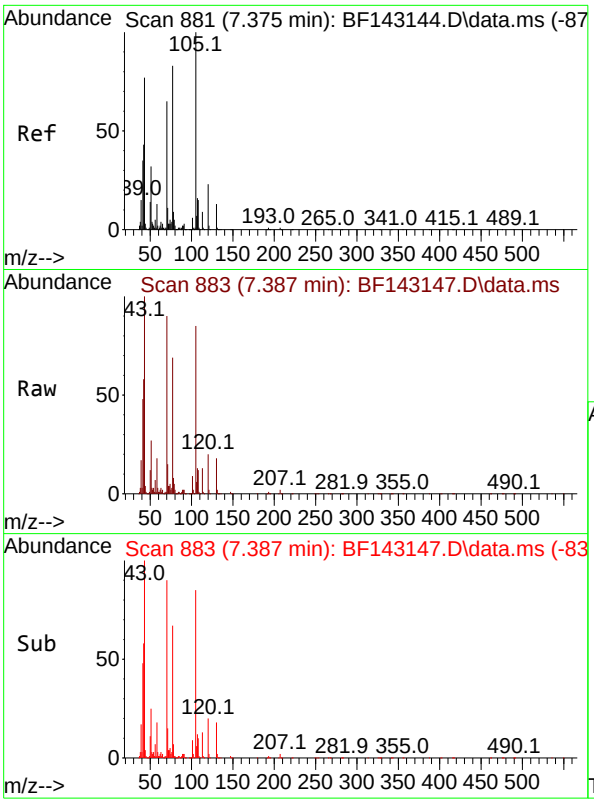


#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.8
201	94.3	77.0	115.4



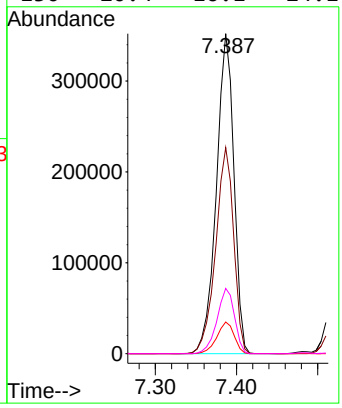


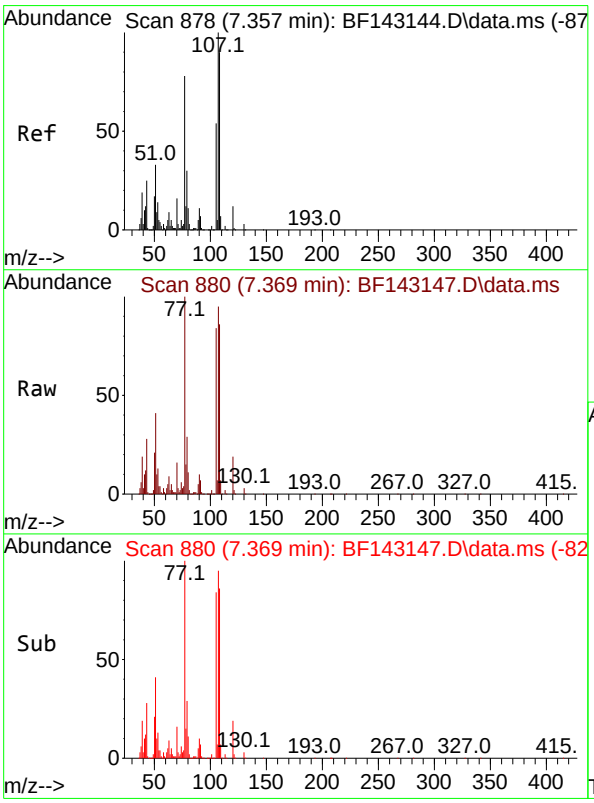
#19
n-Nitroso-di-n-propylamine
Concen: 71.452 ng
RT: 7.387 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 528820

Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1

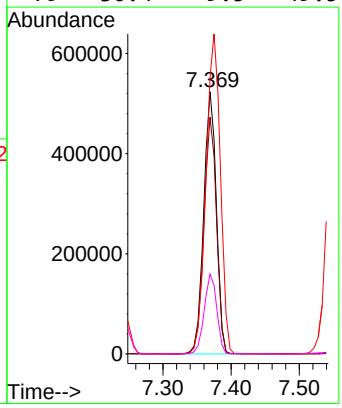


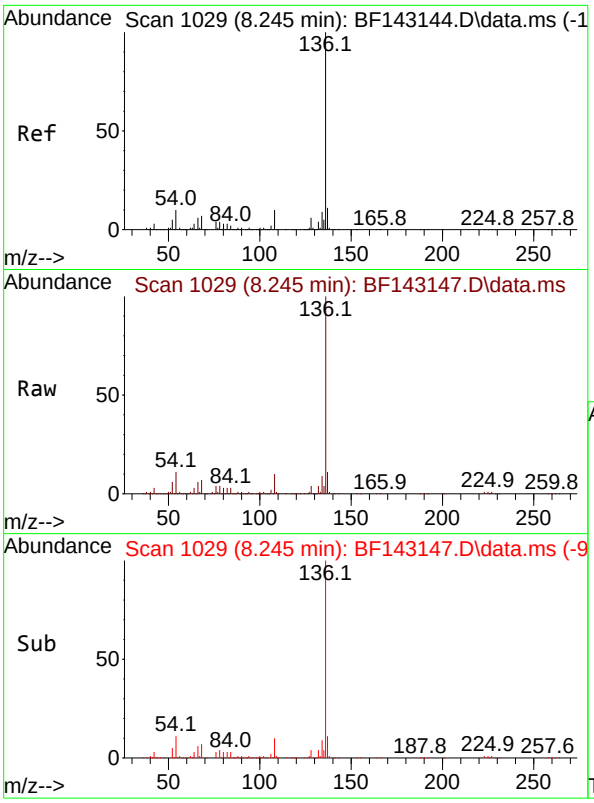


#20
3+4-Methylphenols
Concen: 68.763 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.0	110.0
77	105.4	57.8	97.8#
79	30.4	9.5	49.5



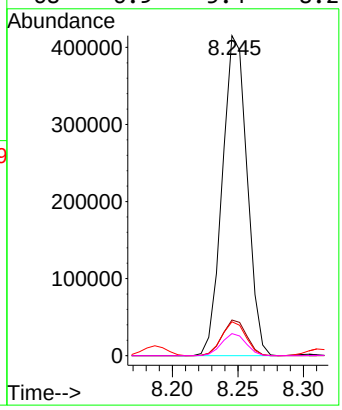


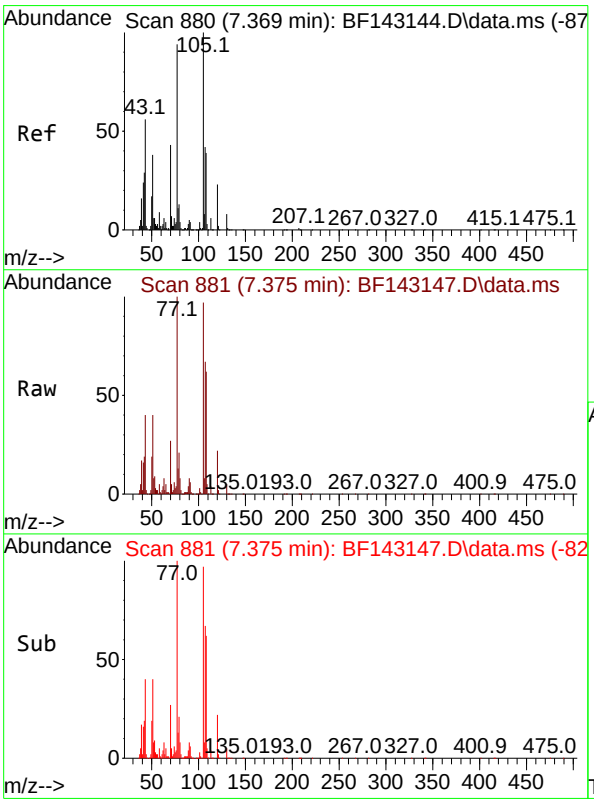
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 544516

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.9	5.4	8.2

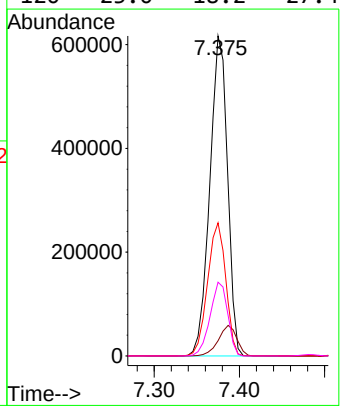


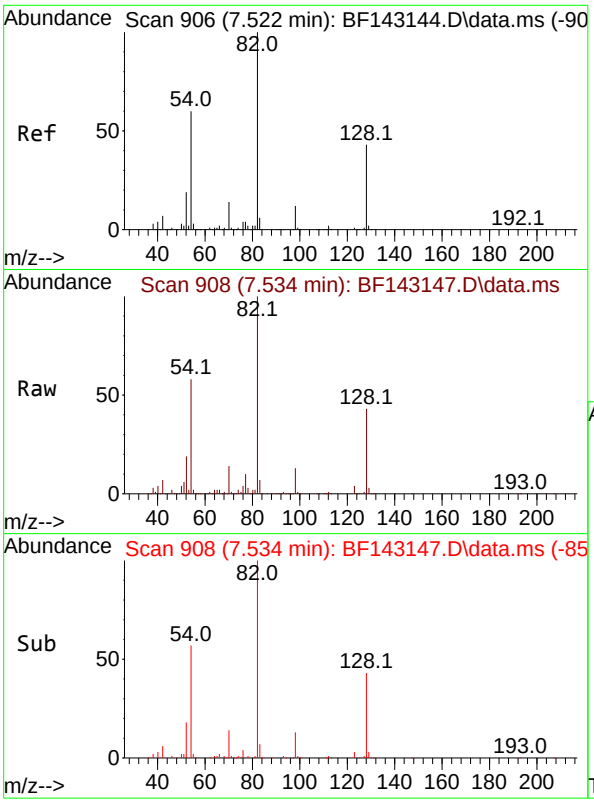


#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890

Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.8	8.6#
51	41.6	30.2	45.2
120	23.0	18.2	27.4



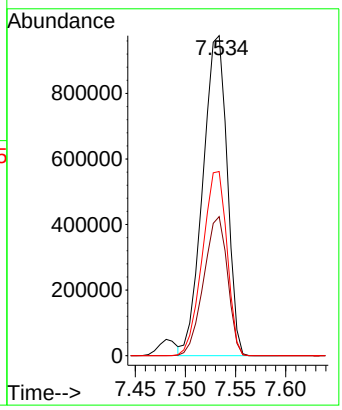


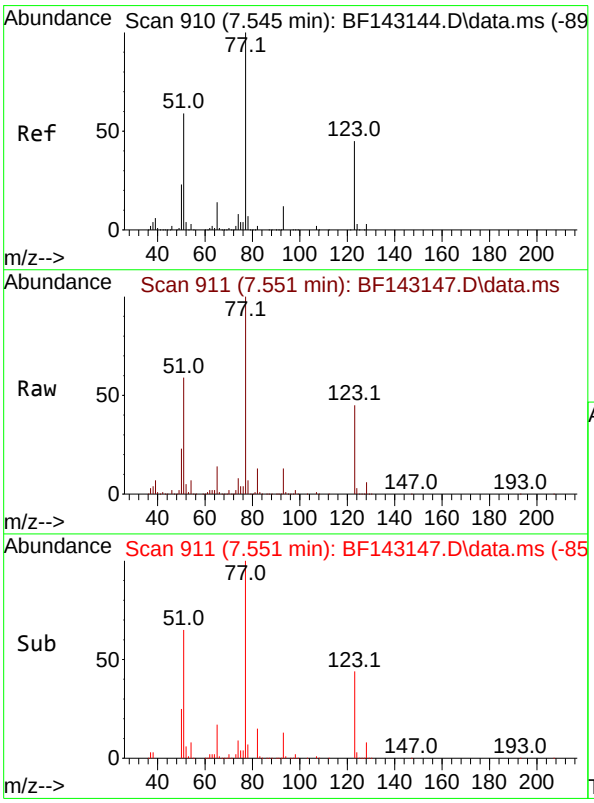
#23
Nitrobenzene-d5
Concen: 150.551 ng
RT: 7.534 min Scan# 9(
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1644581

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	57.5	47.1	70.7

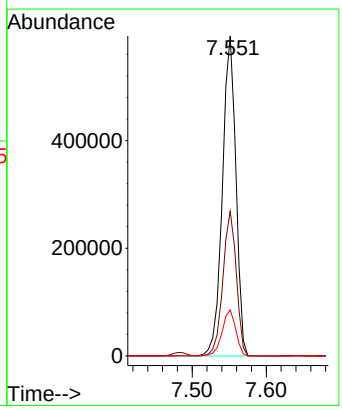


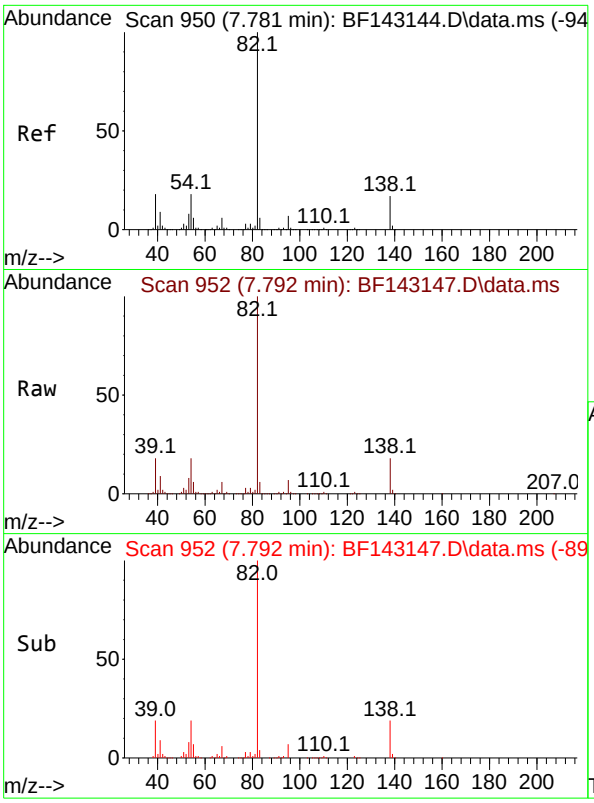


#24
Nitrobenzene
Concen: 73.836 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 751964

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.1	54.1
65	14.4	11.4	17.2



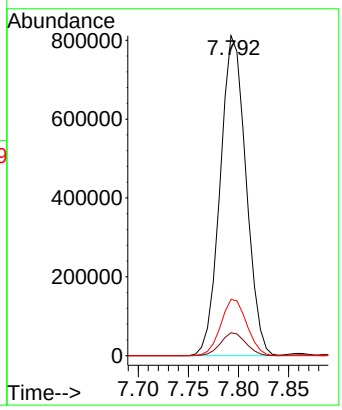


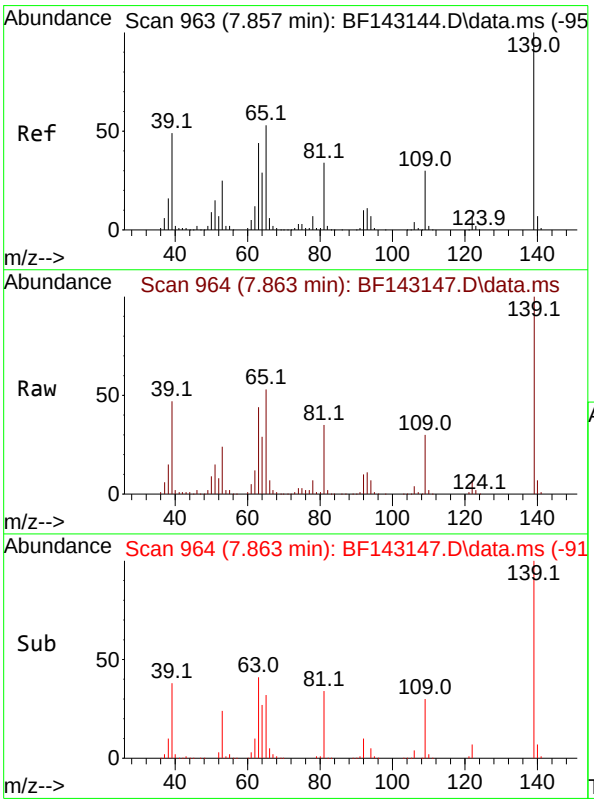
#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1453353

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.5	8.3
138	17.6	13.8	20.8

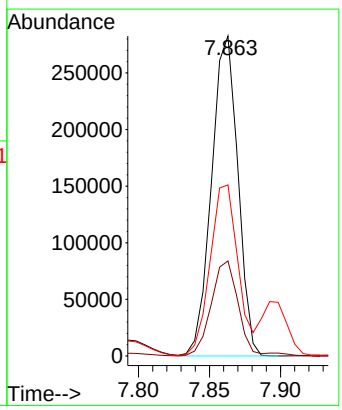


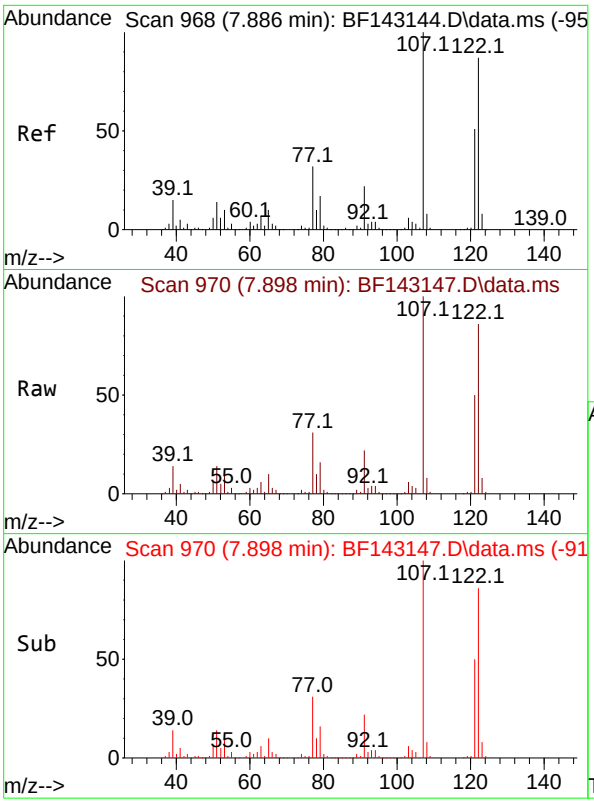


#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.6	35.4
65	53.4	42.6	64.0



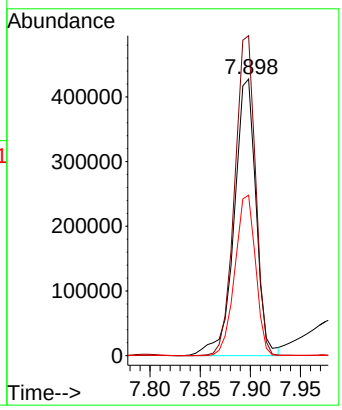


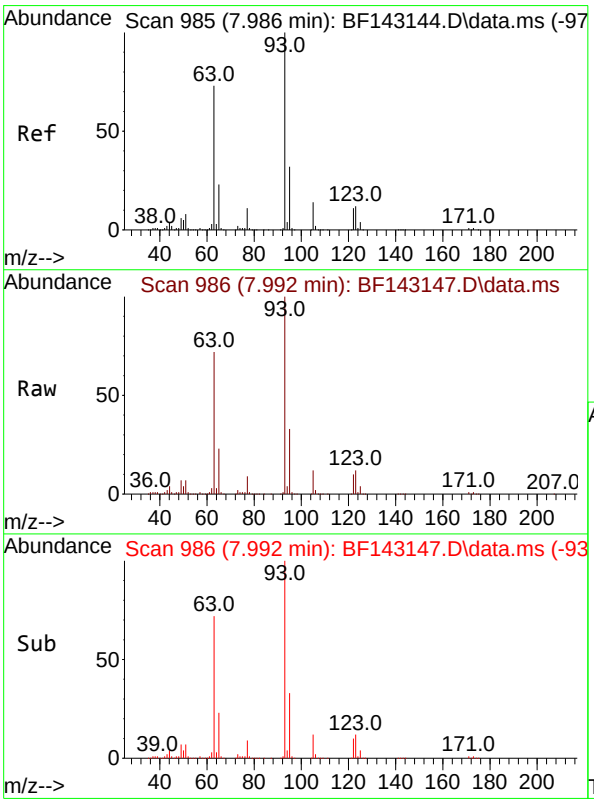
#27
2,4-Dimethylphenol
Concen: 72.050 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 649144

Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.8	137.6
121	58.0	46.3	69.5

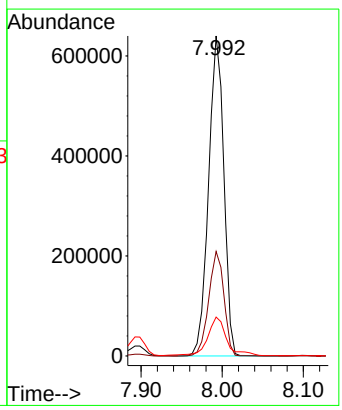


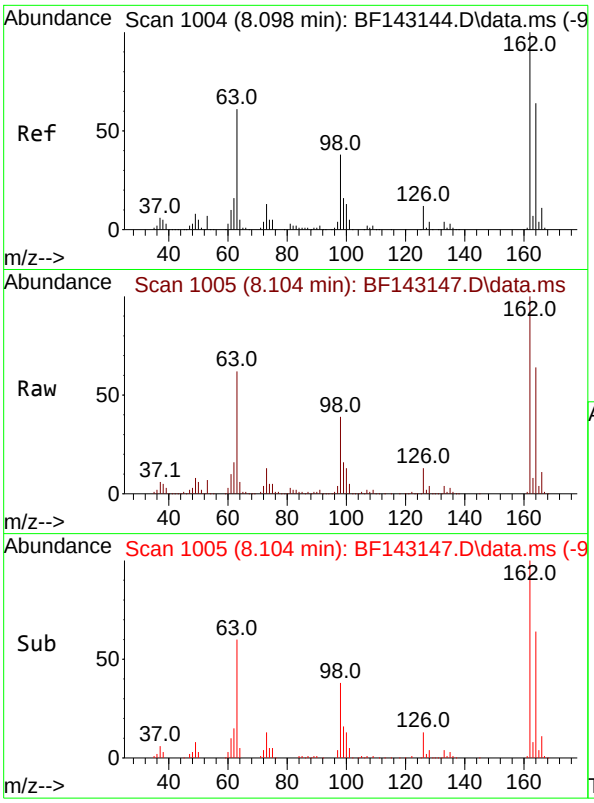


#28
bis(2-Chloroethoxy)methane
Concen: 72.134 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 834021

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	12.2	9.7	14.5



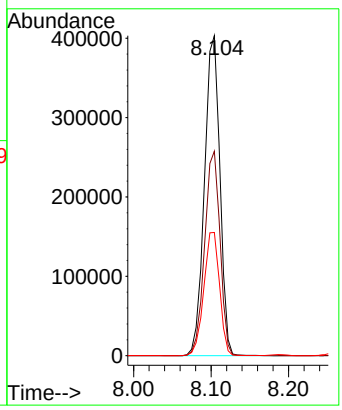


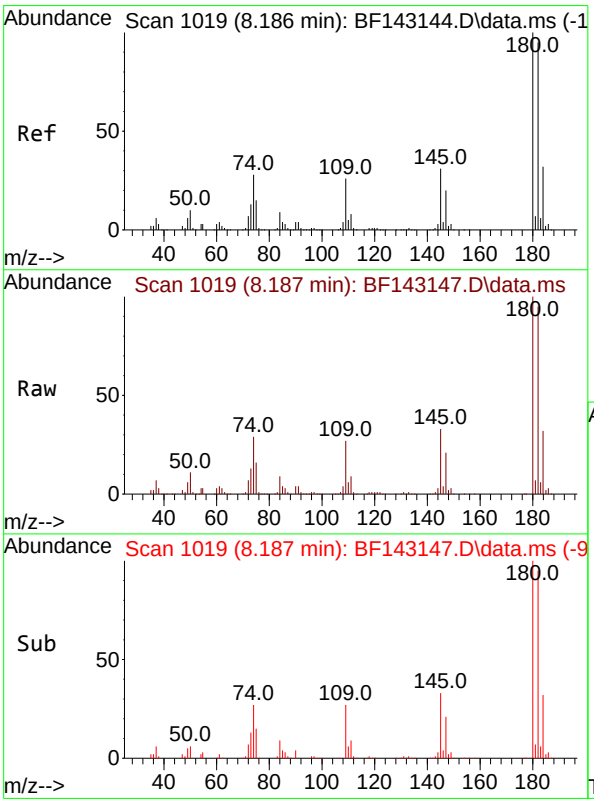
#29
2,4-Dichlorophenol
Concen: 73.527 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 558665

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.2	84.2
98	38.5	17.9	57.9

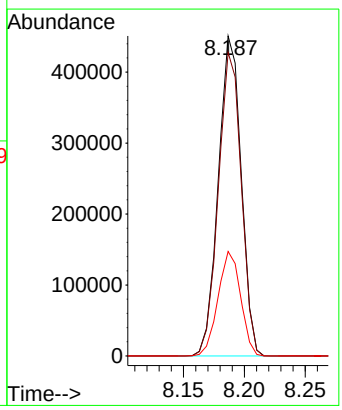


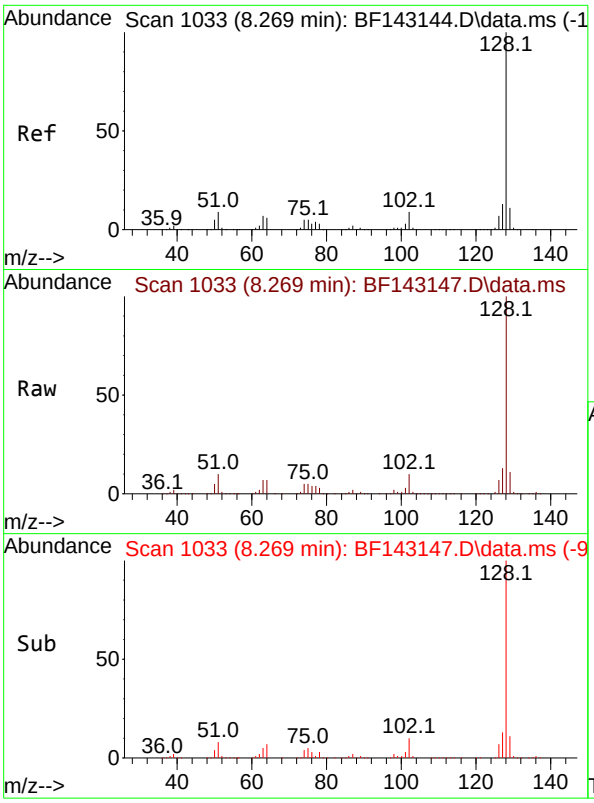


#30
1,2,4-Trichlorobenzene
Concen: 71.673 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:180 Resp: 588333

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	32.7	25.0	37.6



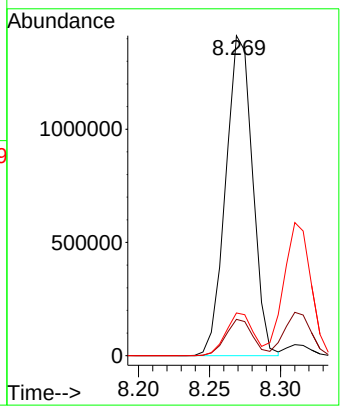


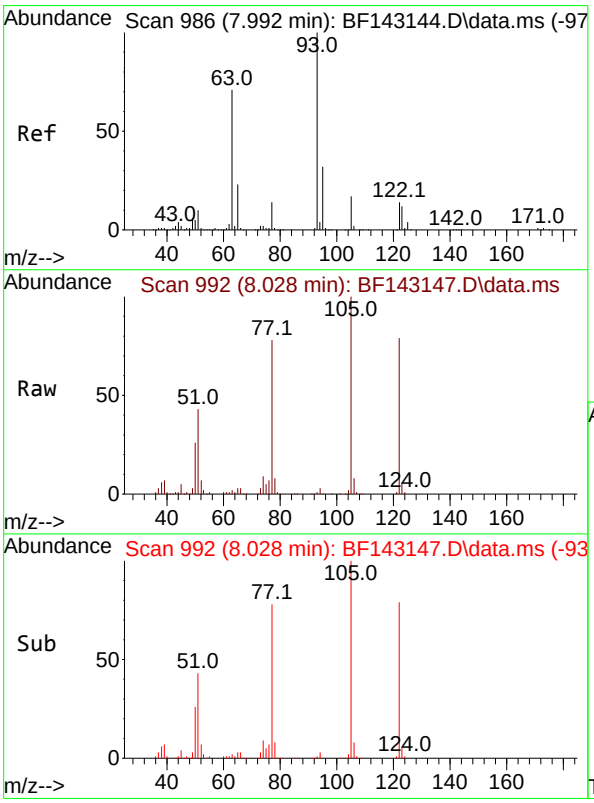
#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 1854387

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	16.0

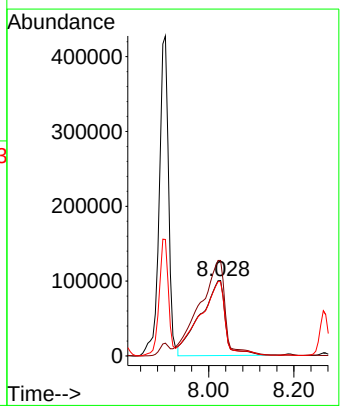


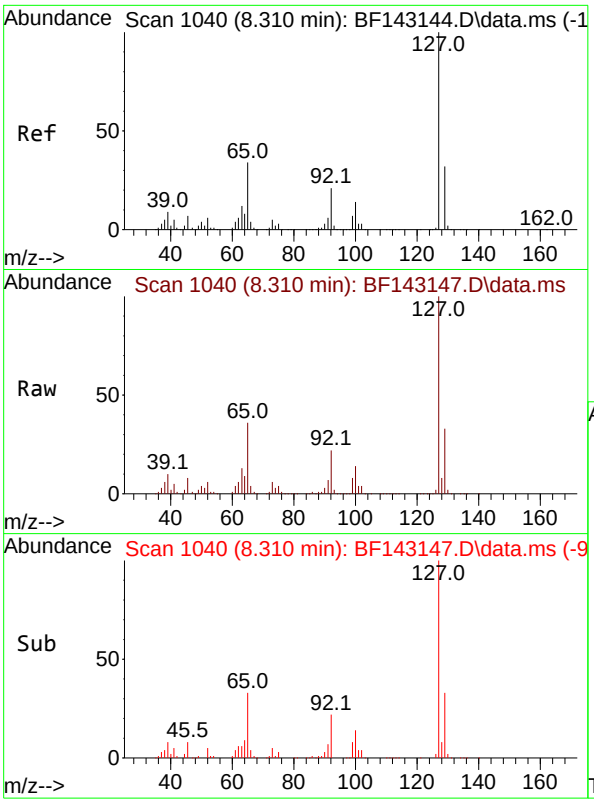


#32
Benzoic acid
Concen: 77.395 ng
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 409976

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	98.6	77.6	117.6



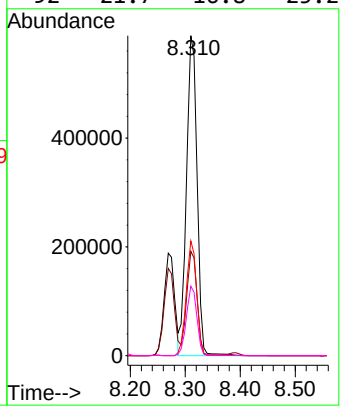


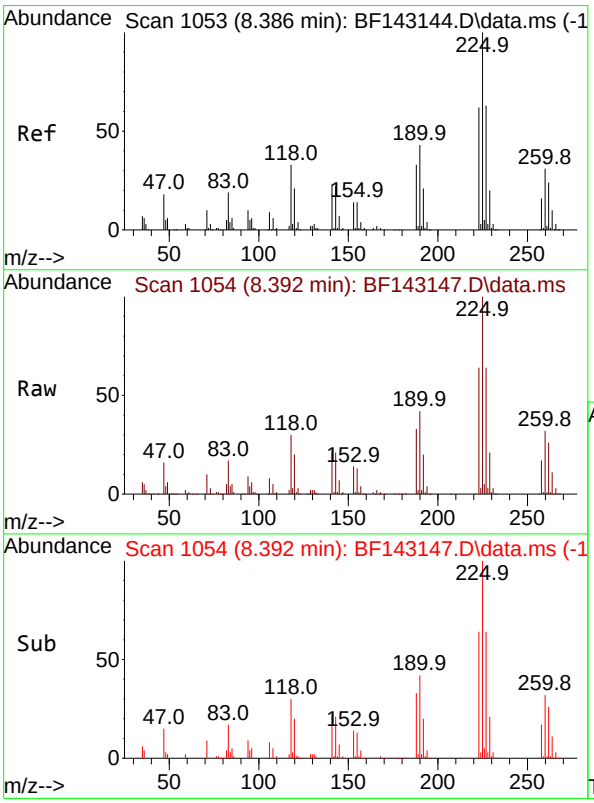
#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 787243

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	35.9	27.4	41.2
92	21.7	16.8	25.2

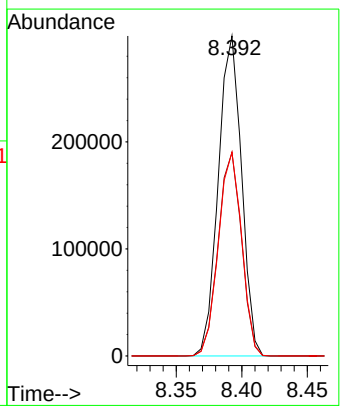


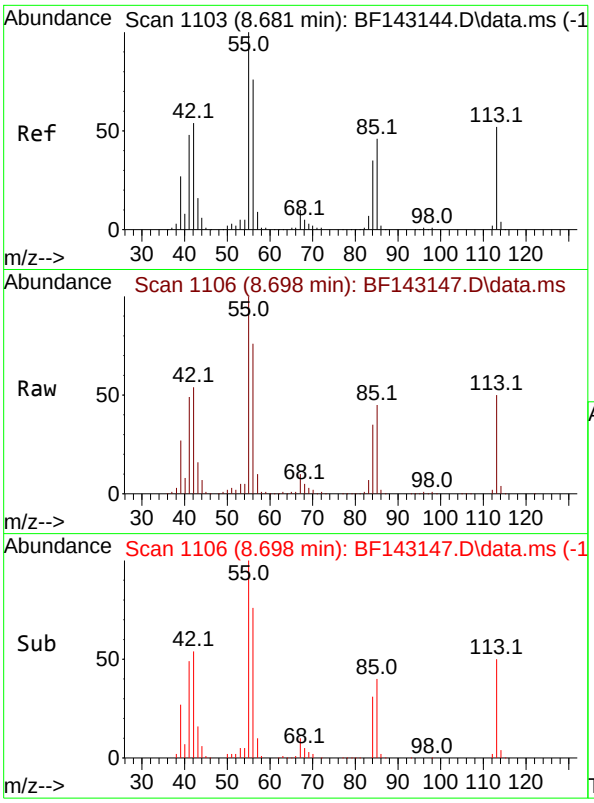


#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:225 Resp: 368327

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	63.7	50.2	75.4



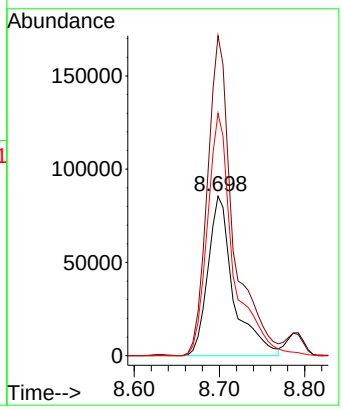


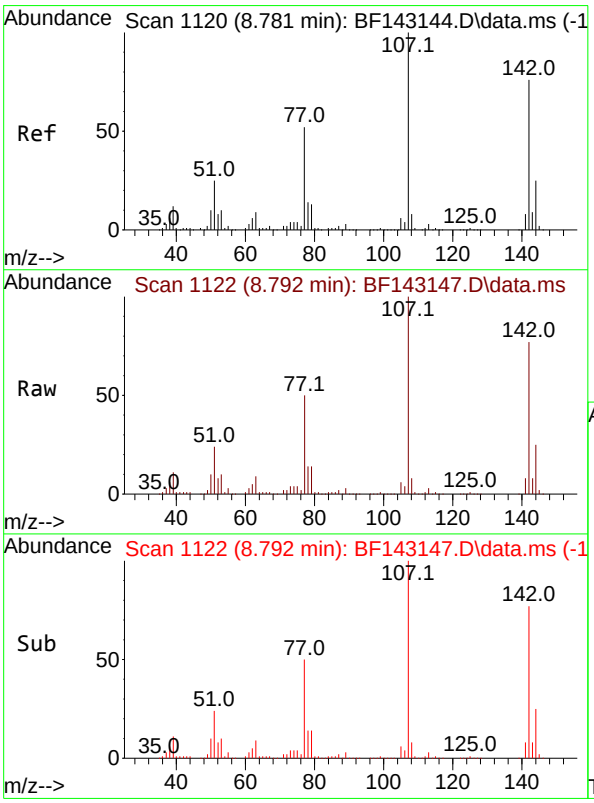
#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 178271

Ion	Ratio	Lower	Upper
113	100		
55	200.6	174.0	214.0
56	152.0	126.6	166.6

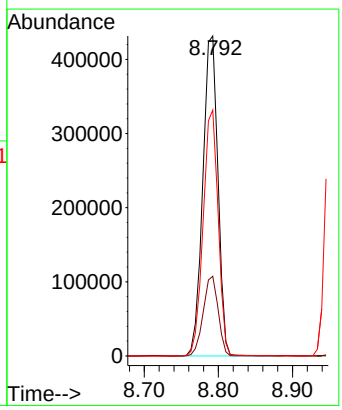


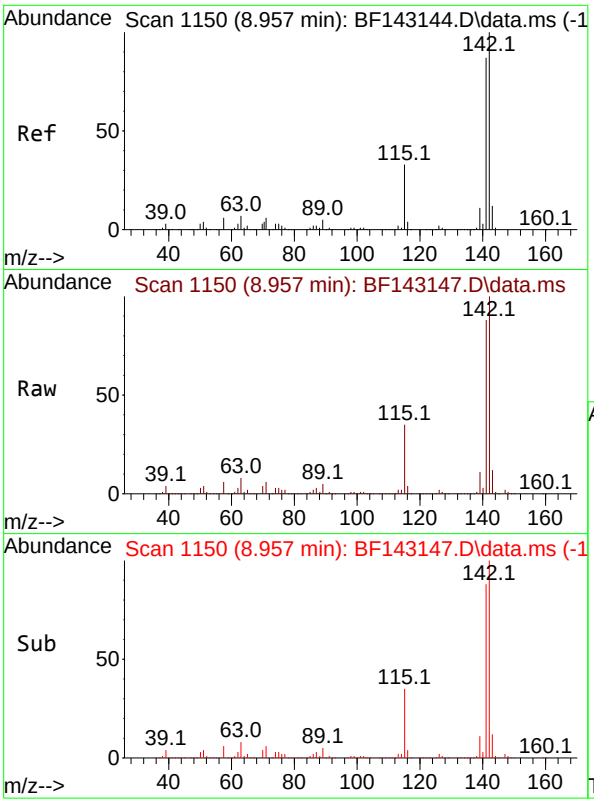


#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 614048

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	76.9	60.6	90.8



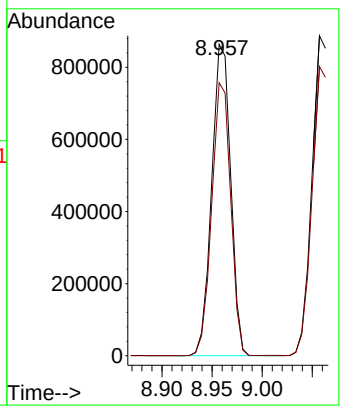


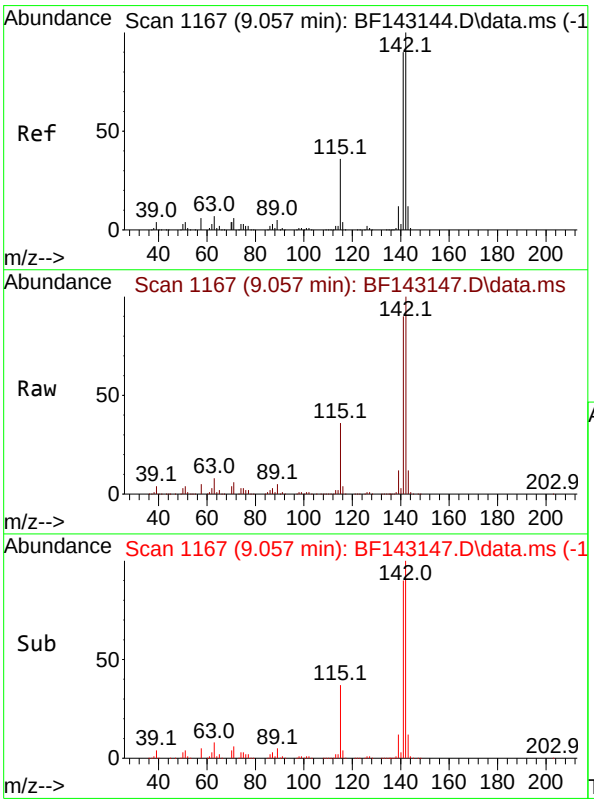
#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1137176

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9

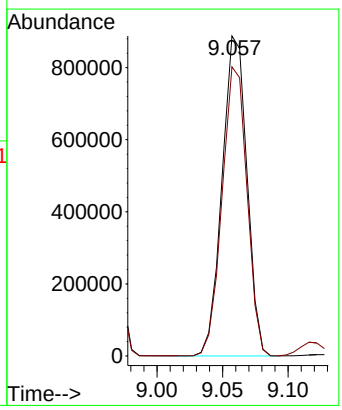


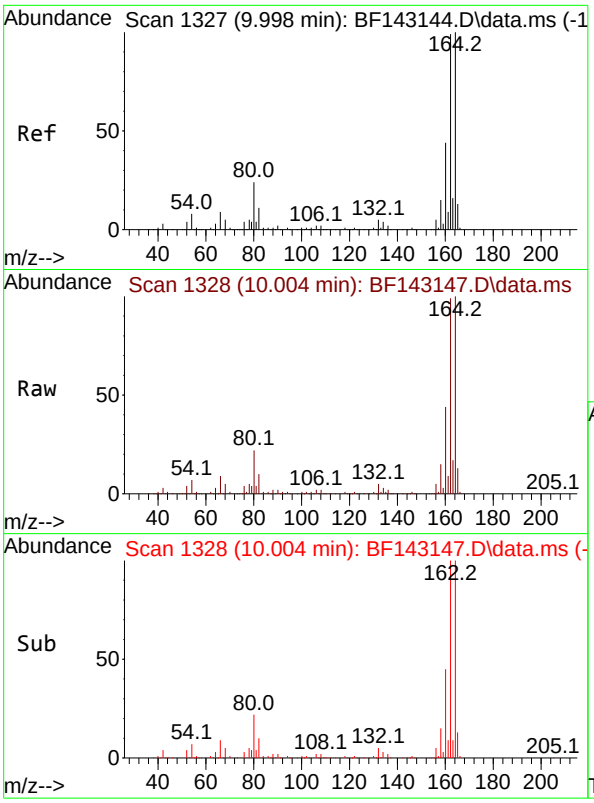


#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5



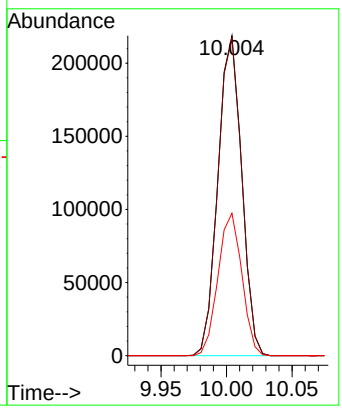


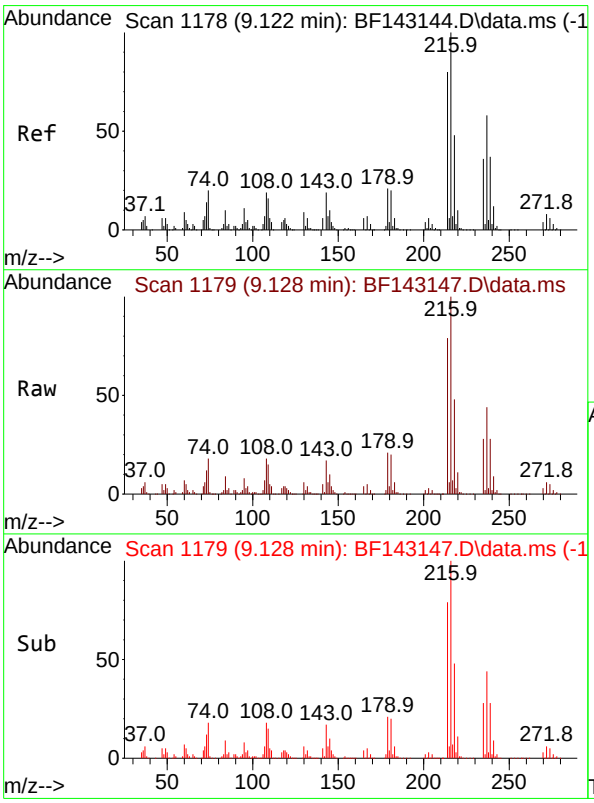
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 275619

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.0	118.6
160	44.5	35.1	52.7

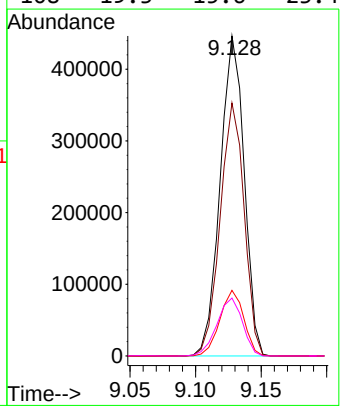


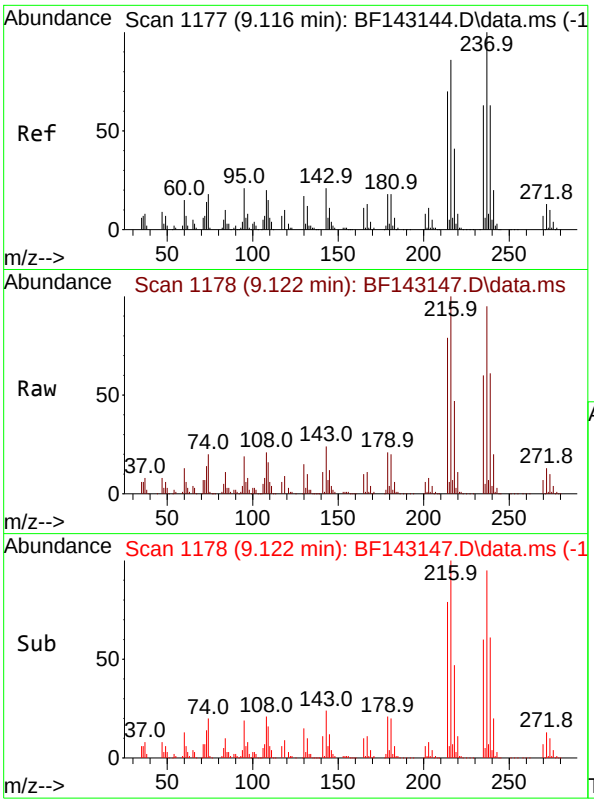


#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.389 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	20.4	16.4	24.6
108	19.3	15.6	23.4



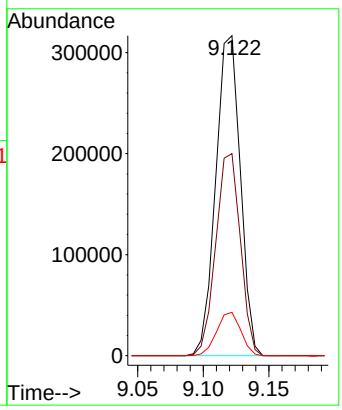


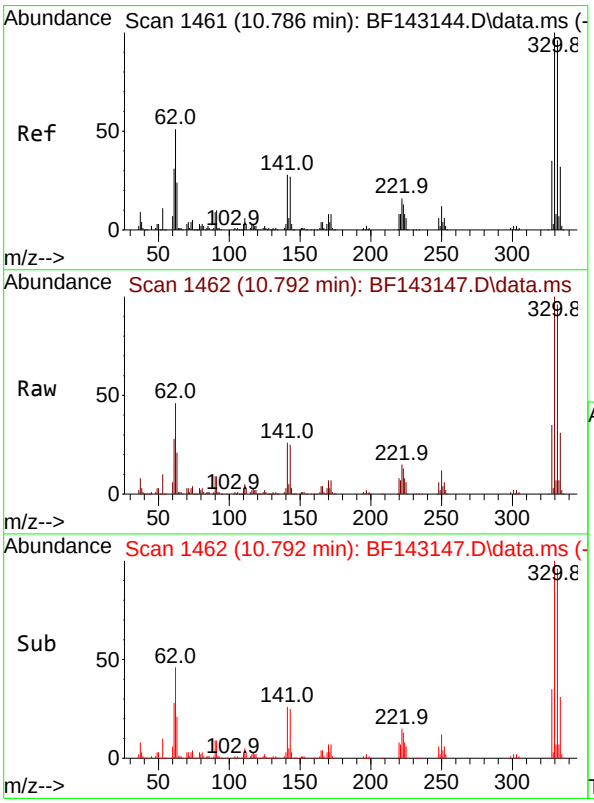
#41
Hexachlorocyclopentadiene
Concen: 79.719 ng
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 412756

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.6	0.0	33.3

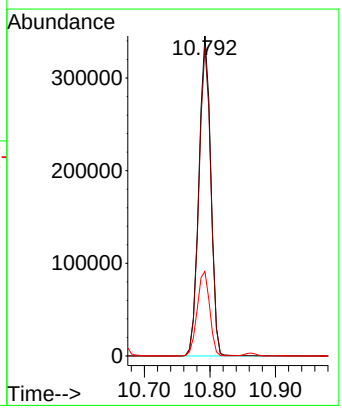


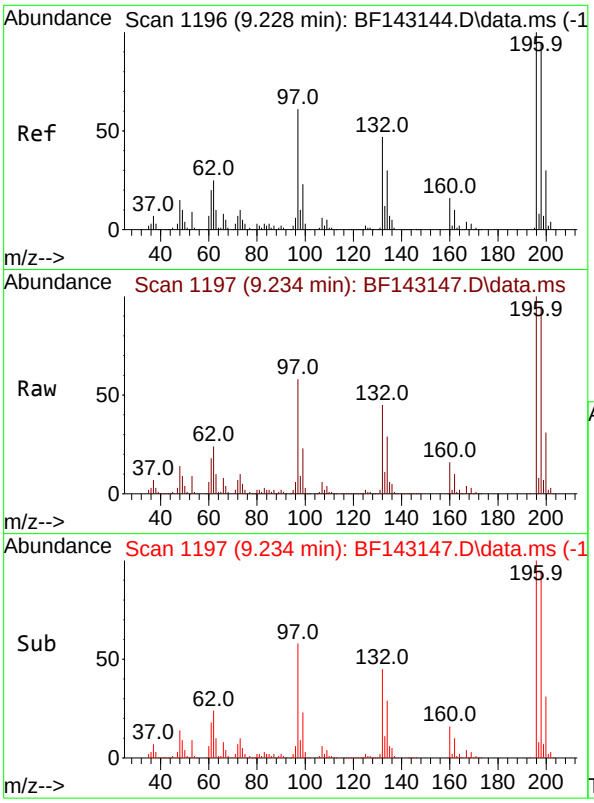


#42
2,4,6-Tribromophenol
Concen: 153.498 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:330 Resp: 437054

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	27.7	23.3	34.9



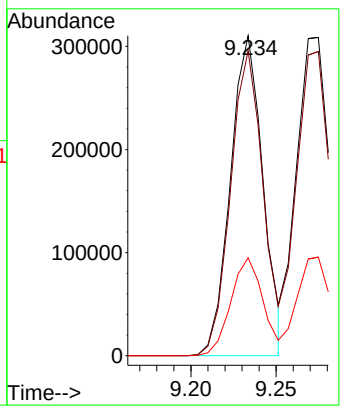


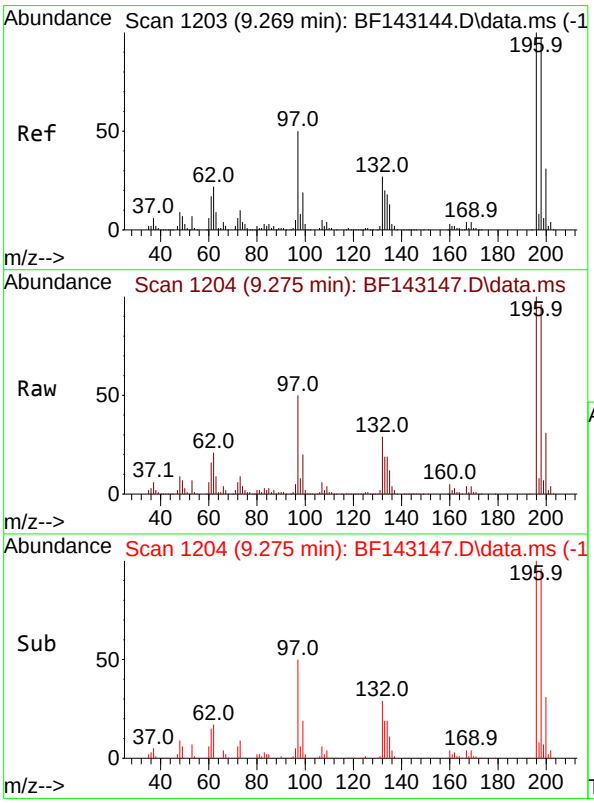
#43
2,4,6-Trichlorophenol
Concen: 74.838 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 412148

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.6	23.9	35.9

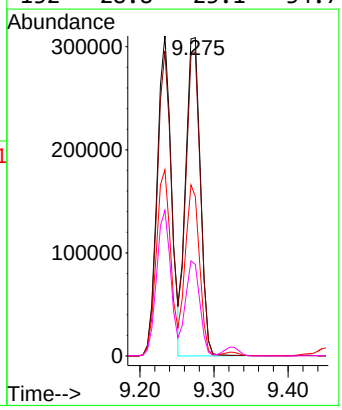


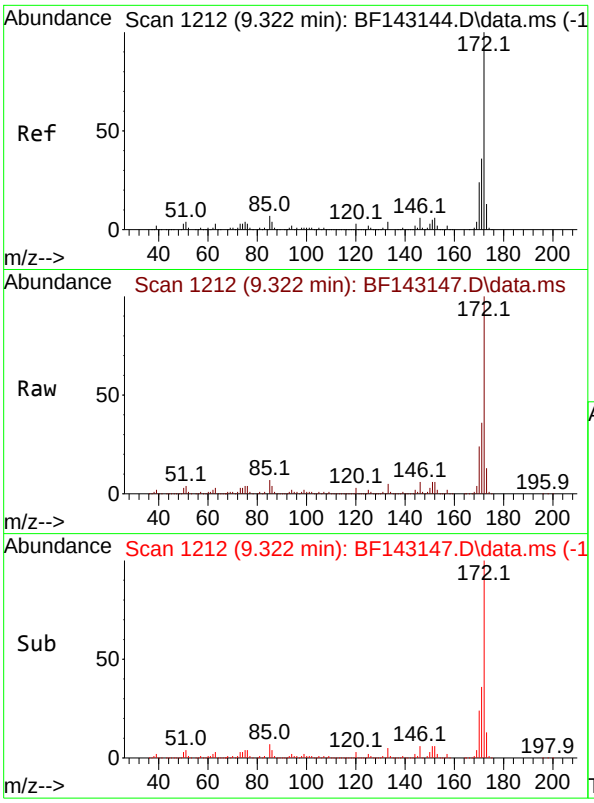


#44
2,4,5-Trichlorophenol
Concen: 76.888 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 423565

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.3	115.9
97	50.1	40.3	60.5
132	28.8	23.1	34.7



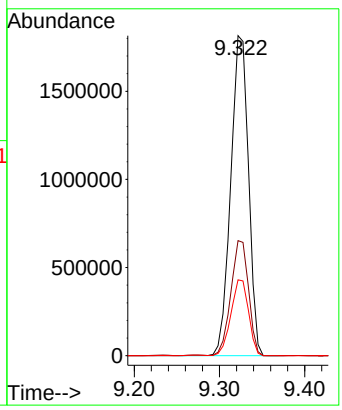


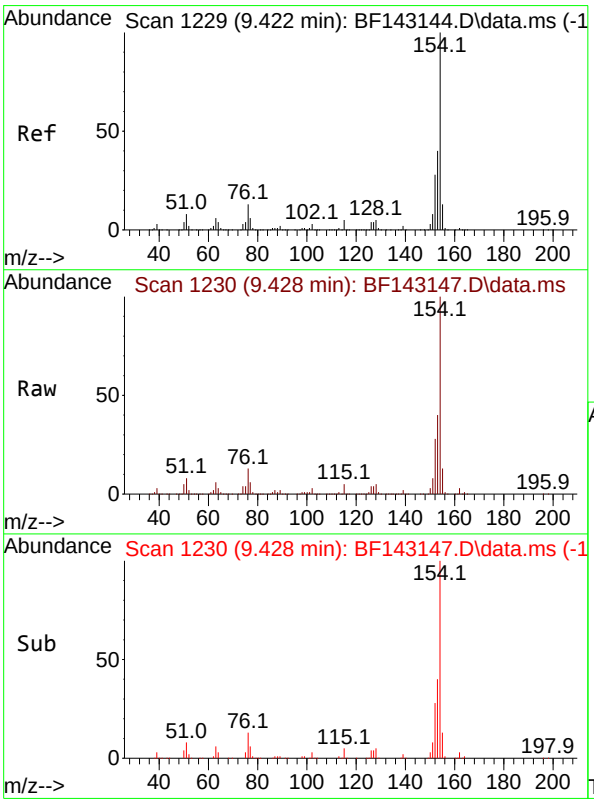
#45
2-Fluorobiphenyl
Concen: 130.157 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 2623071

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2

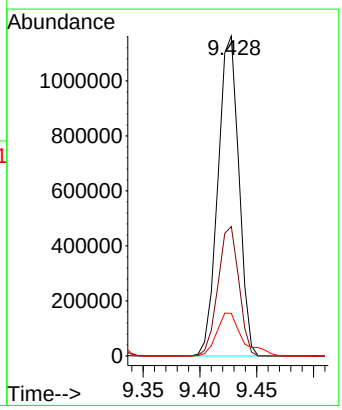


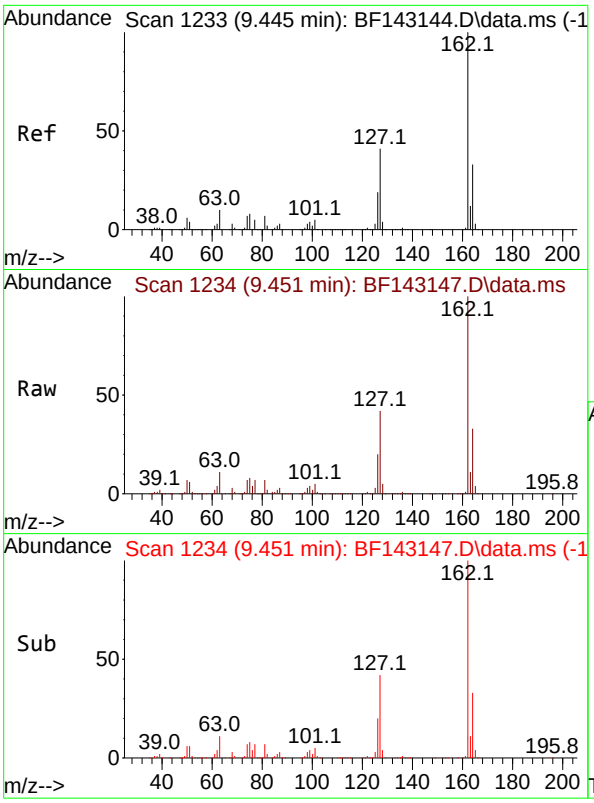


#46
1,1'-Biphenyl
Concen: 69.388 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1492094

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.3	0.0	33.3



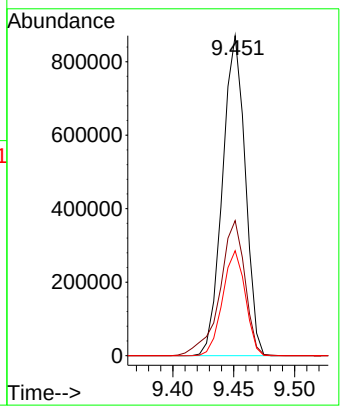


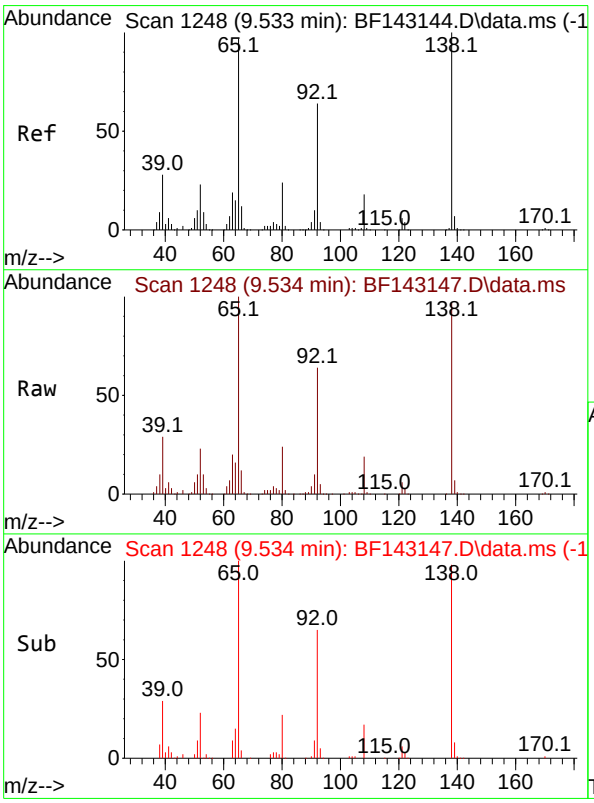
#47
2-Chloronaphthalene
Concen: 71.122 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1131626

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	32.8	26.2	39.2

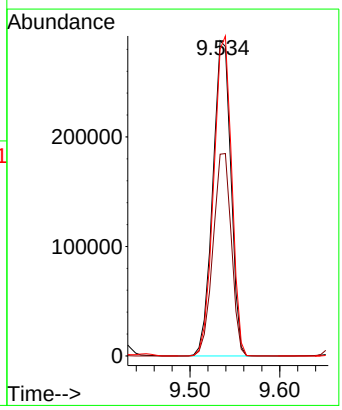


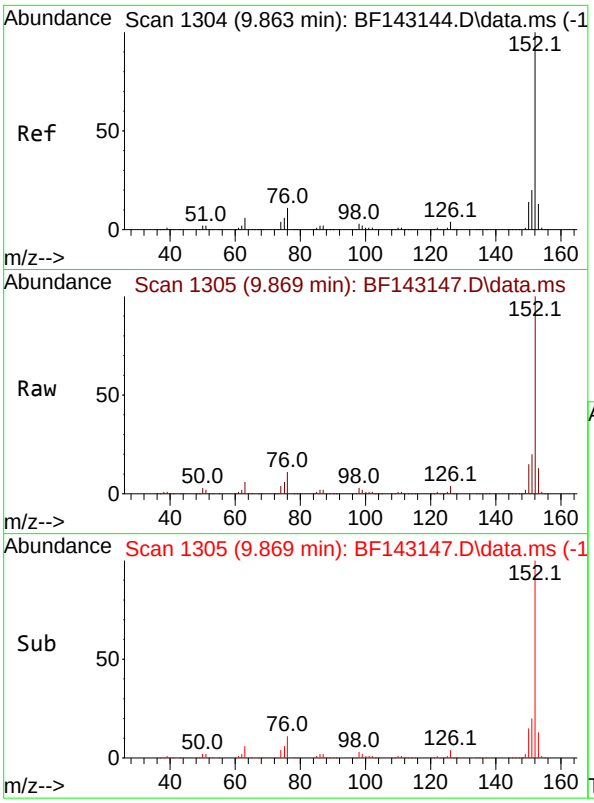


#48
2-Nitroaniline
Concen: 80.971 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 65 Resp: 404023

Ion	Ratio	Lower	Upper
65	100		
92	64.0	52.4	78.6
138	97.3	82.3	123.5



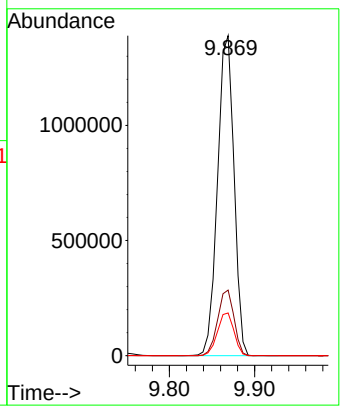


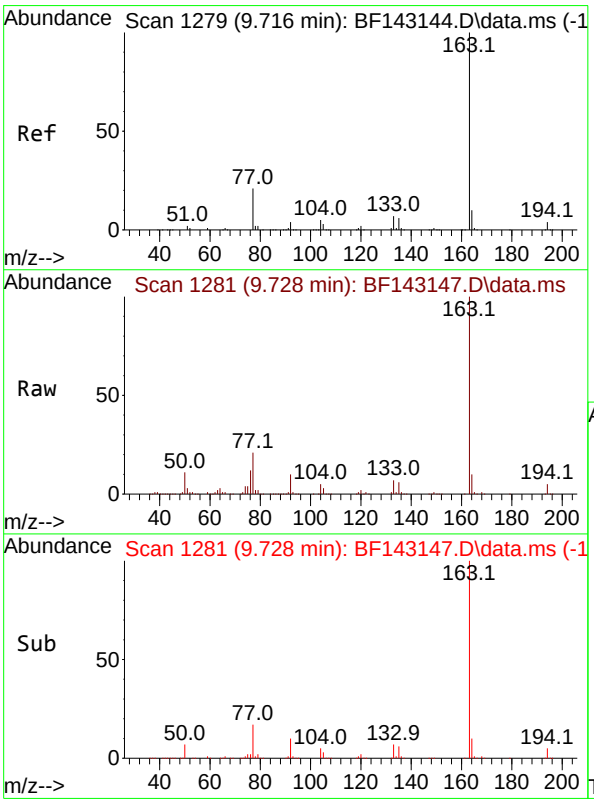
#49
Acenaphthylene
Concen: 70.057 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 1868062

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.4	10.6	16.0

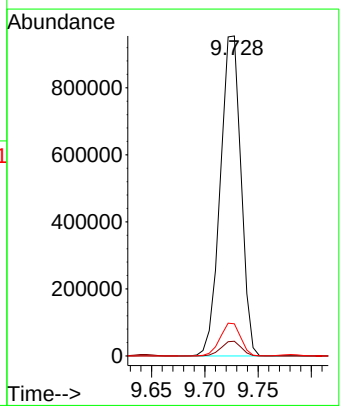


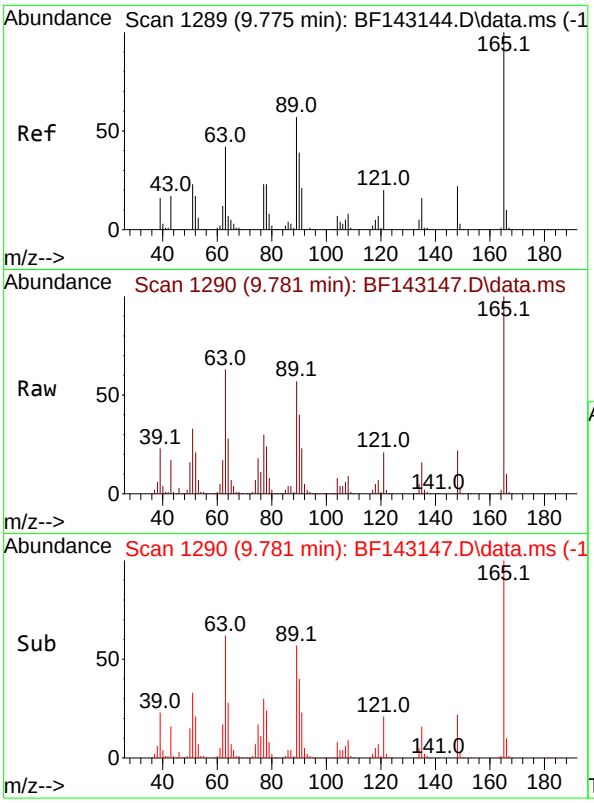


#50
Dimethylphthalate
Concen: 71.723 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:163 Resp: 1288559

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.3	12.5



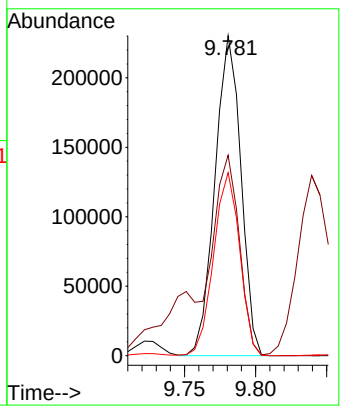


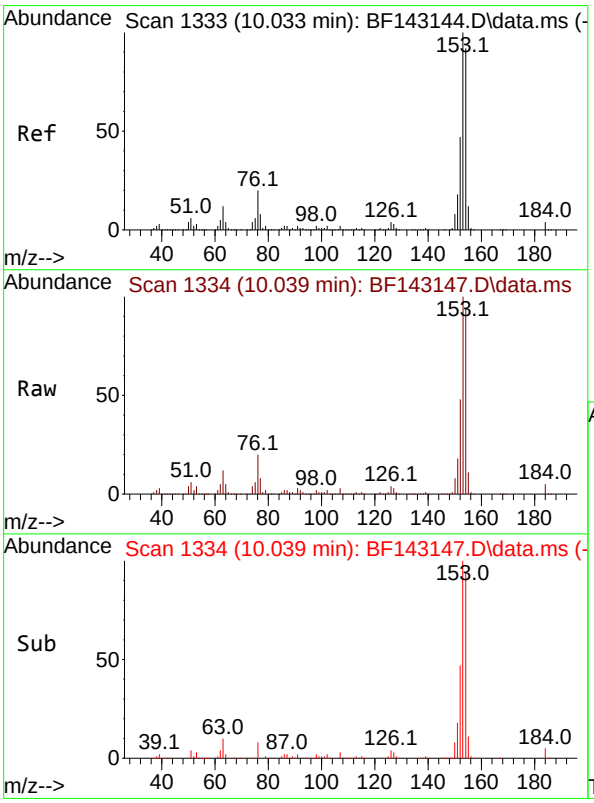
#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 292718

Ion	Ratio	Lower	Upper
165	100		
63	62.6	49.4	74.2
89	57.2	46.2	69.2

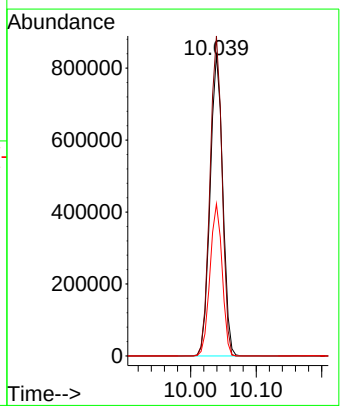


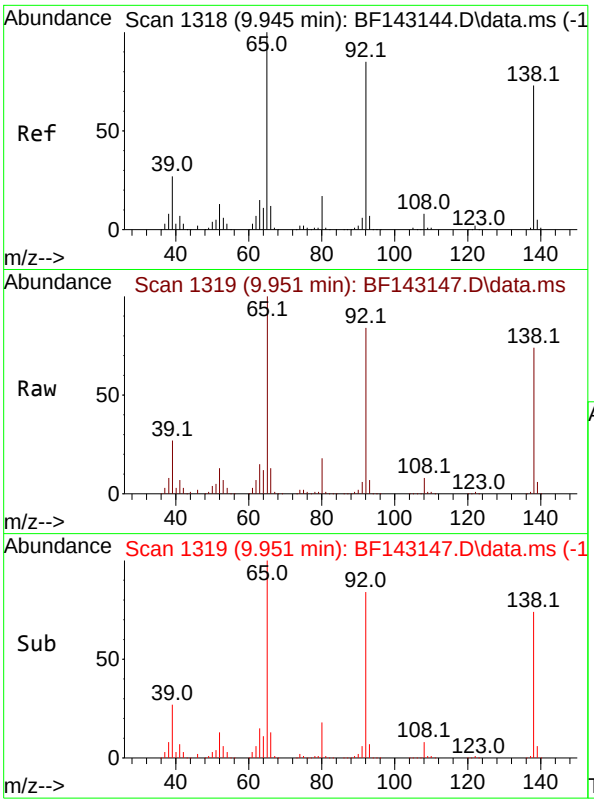


#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1120315

Ion	Ratio	Lower	Upper
154	100		
153	106.1	86.6	129.8
152	50.4	40.4	60.6



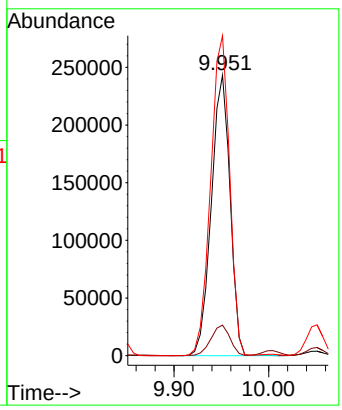


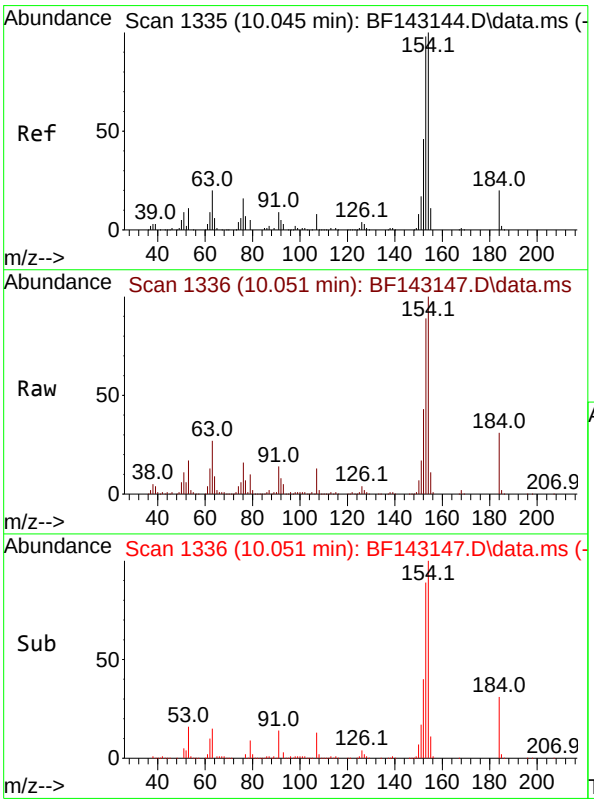
#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 333980

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.1	93.0	139.4

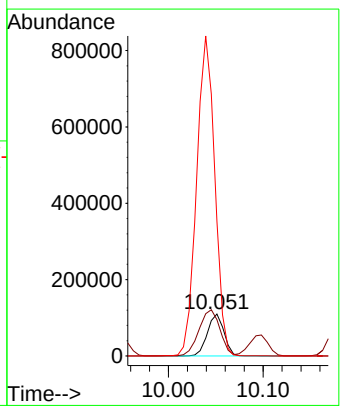


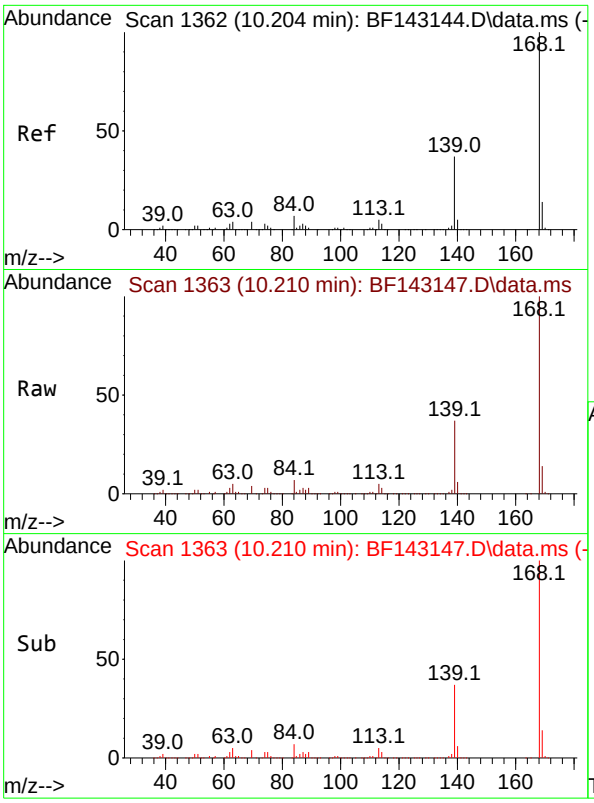


#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:184 Resp: 133446

Ion	Ratio	Lower	Upper
184	100		
63	86.6	81.8	122.6
154	321.6	412.2	618.4#



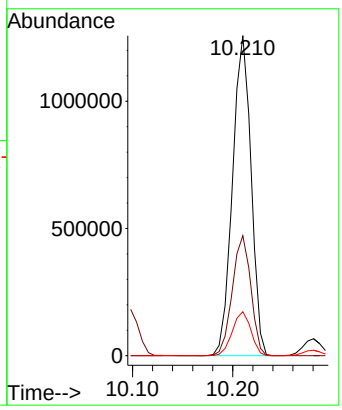


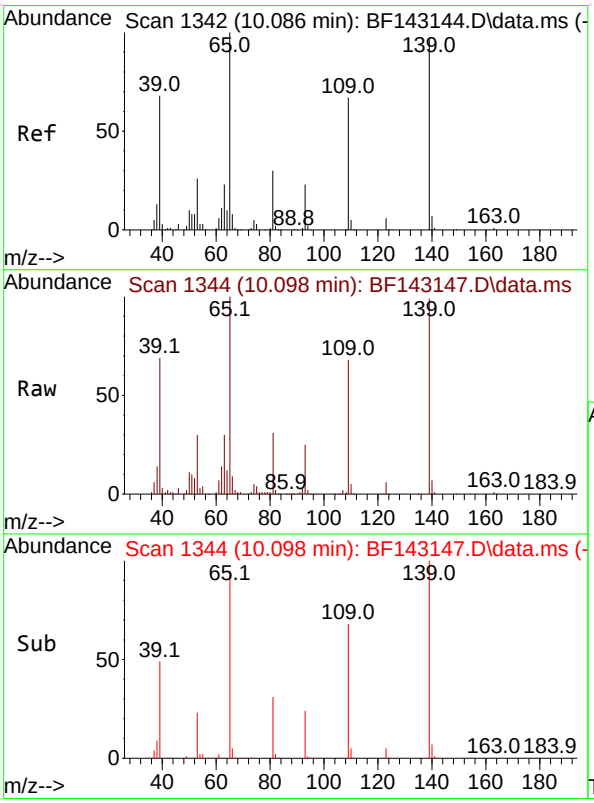
#55
Dibenzofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 1615399

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.5	44.3
169	13.8	10.9	16.3

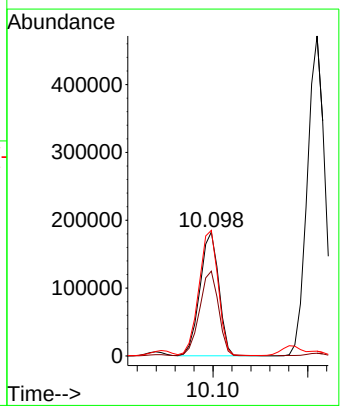


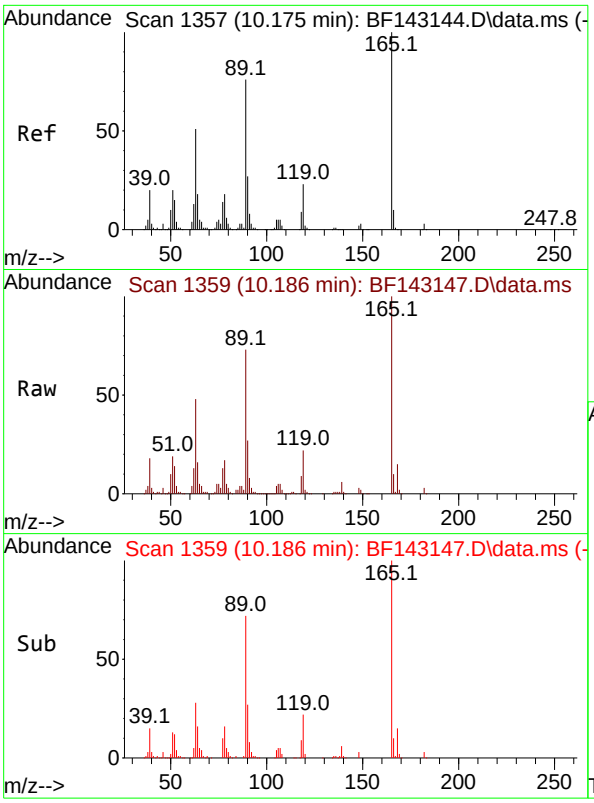


#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 252698

Ion	Ratio	Lower	Upper
139	100		
109	68.4	48.5	88.5
65	101.3	83.4	123.4



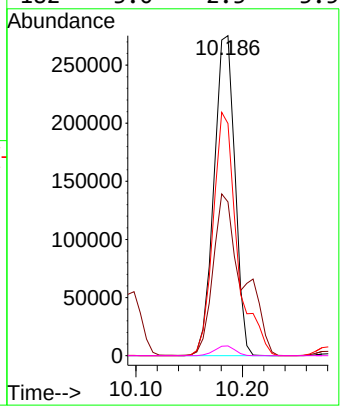


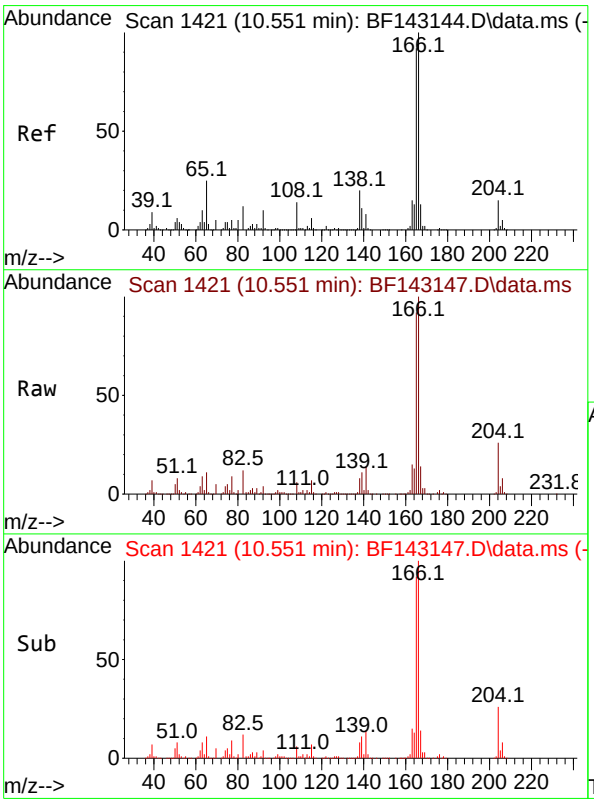
#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 376124

Ion	Ratio	Lower	Upper
165	100		
63	48.1	41.0	61.4
89	72.5	61.1	91.7
182	3.0	2.3	3.5

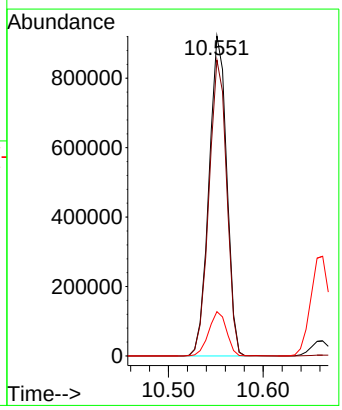


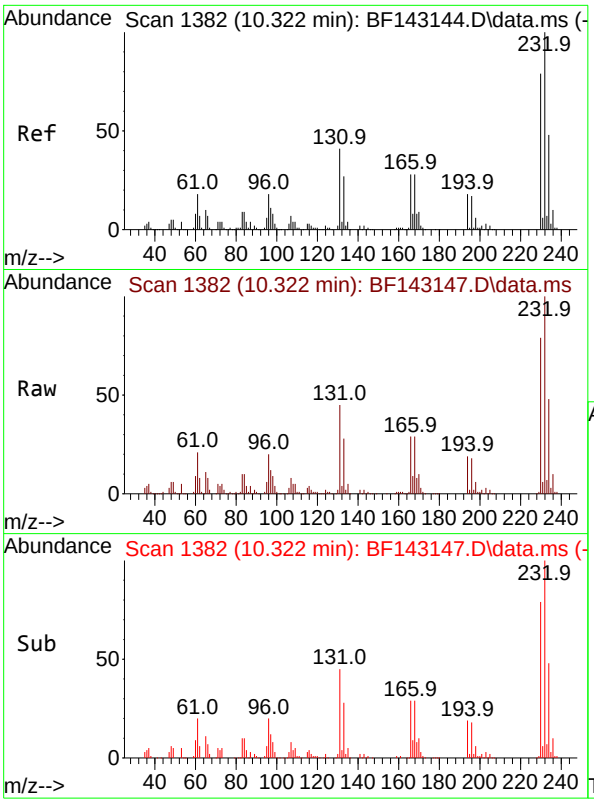


#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:166 Resp: 1197731

Ion	Ratio	Lower	Upper
166	100		
165	92.5	73.7	110.5
167	13.8	10.6	16.0



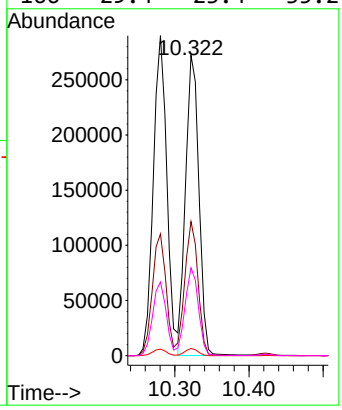


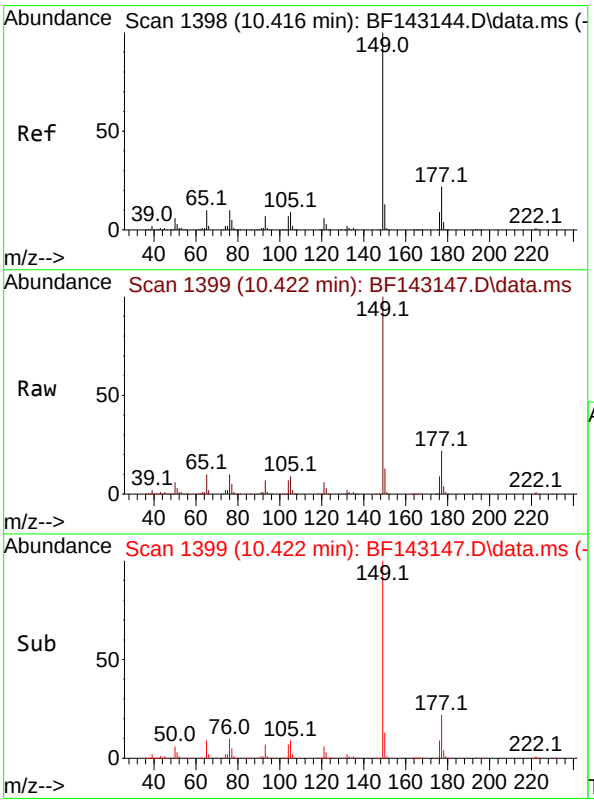
#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 340118

Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.3	52.9
130	2.4	1.7	2.5
166	29.4	23.4	35.2

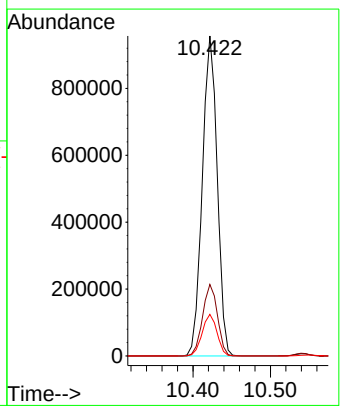


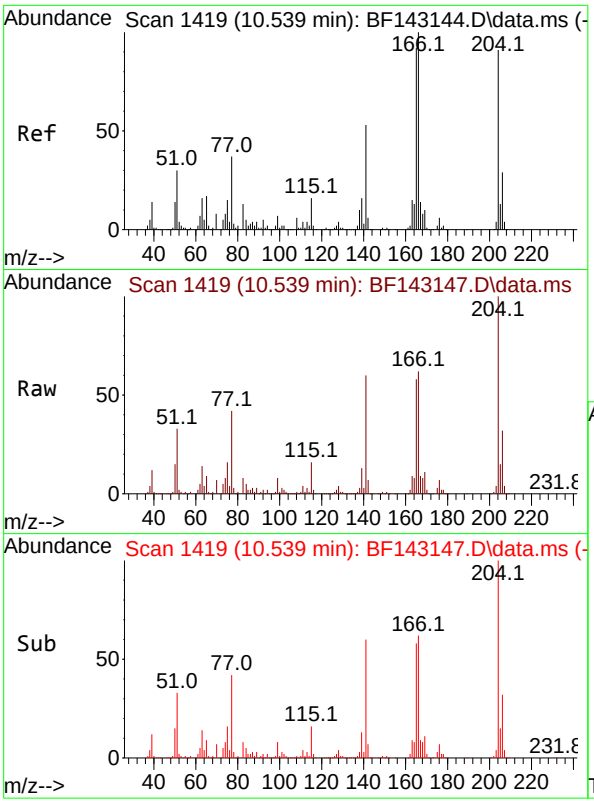


#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1276217

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.5	26.3
150	13.0	10.2	15.2



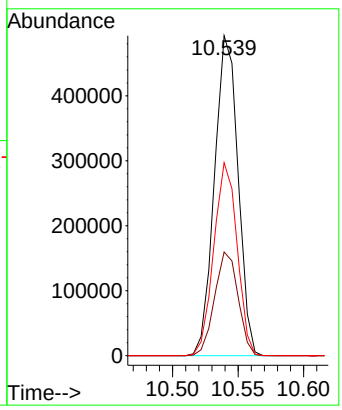


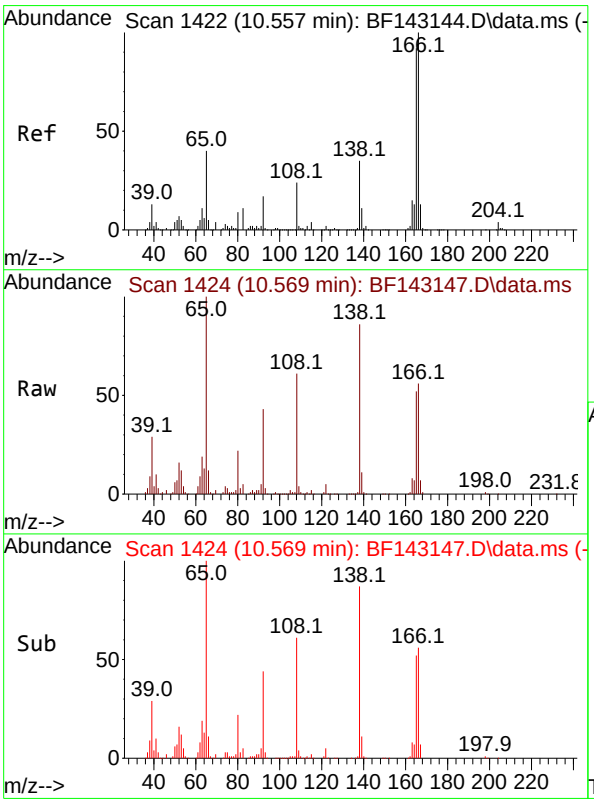
#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 614962

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	60.3	47.0	70.4

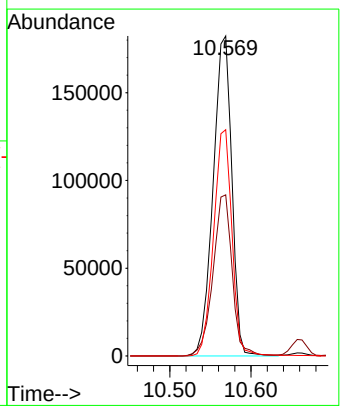


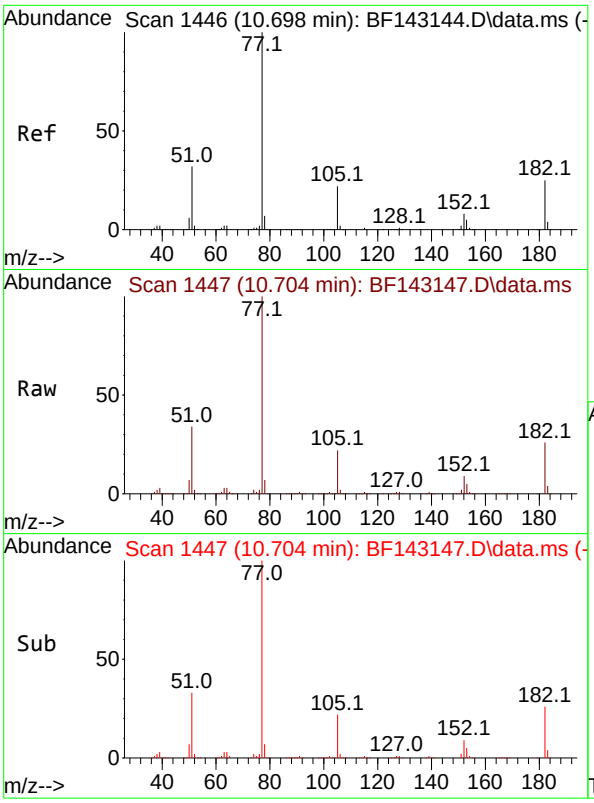


#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 291926

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.3	69.3
108	70.7	48.3	88.3



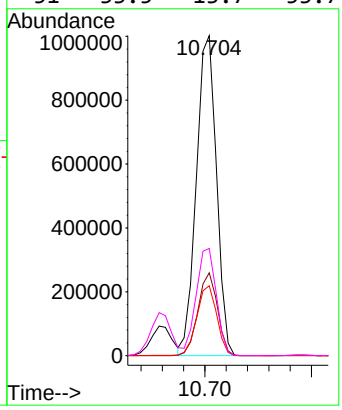


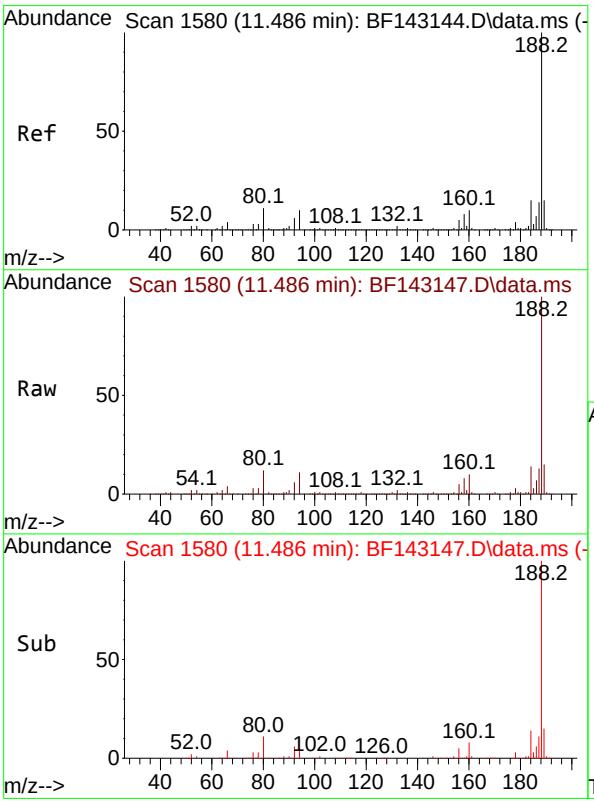
#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1318720

Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.6	44.6
105	21.9	1.4	41.4
51	33.5	13.7	53.7

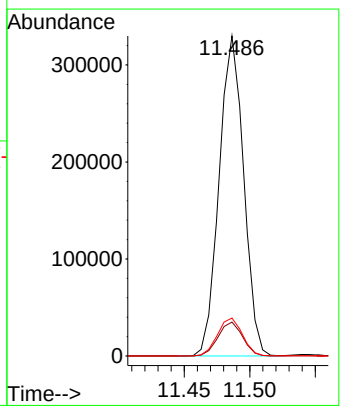


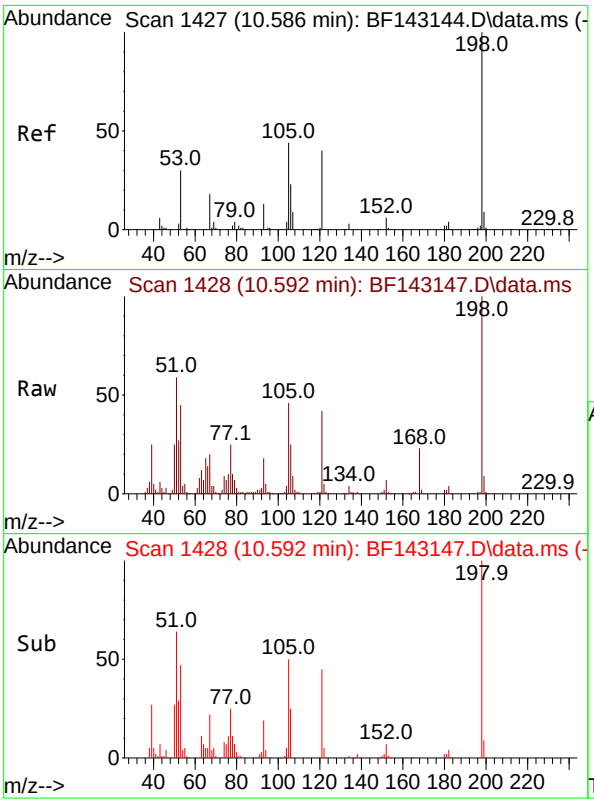


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:188 Resp: 429046

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.8	9.0	13.6



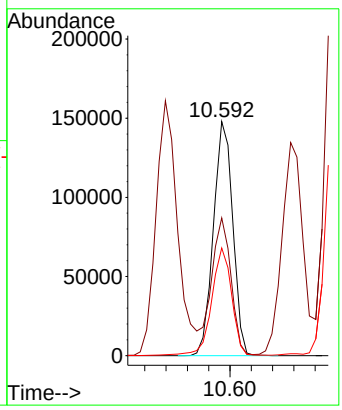


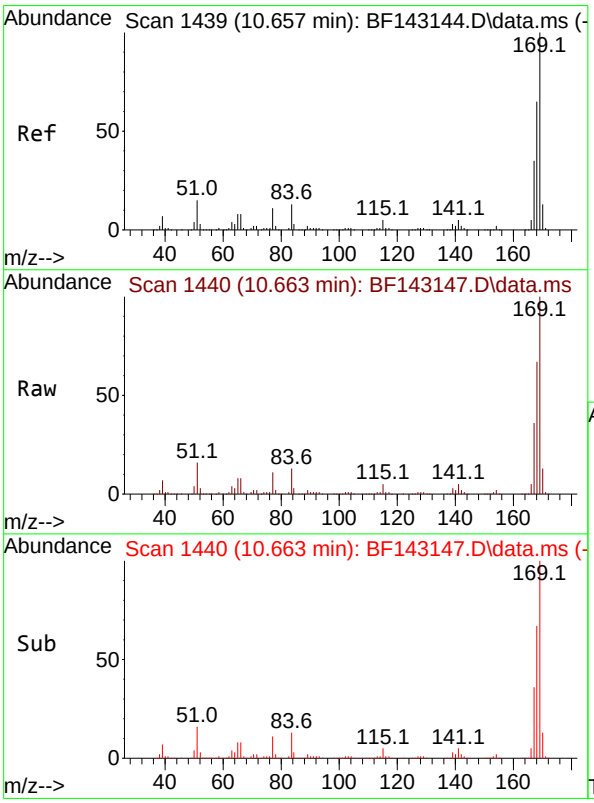
#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 186415

Ion	Ratio	Lower	Upper
198	100		
51	58.9	37.2	77.2
105	46.0	24.8	64.8

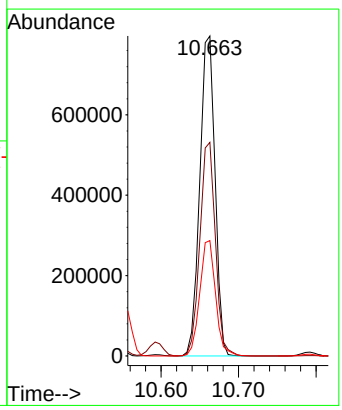


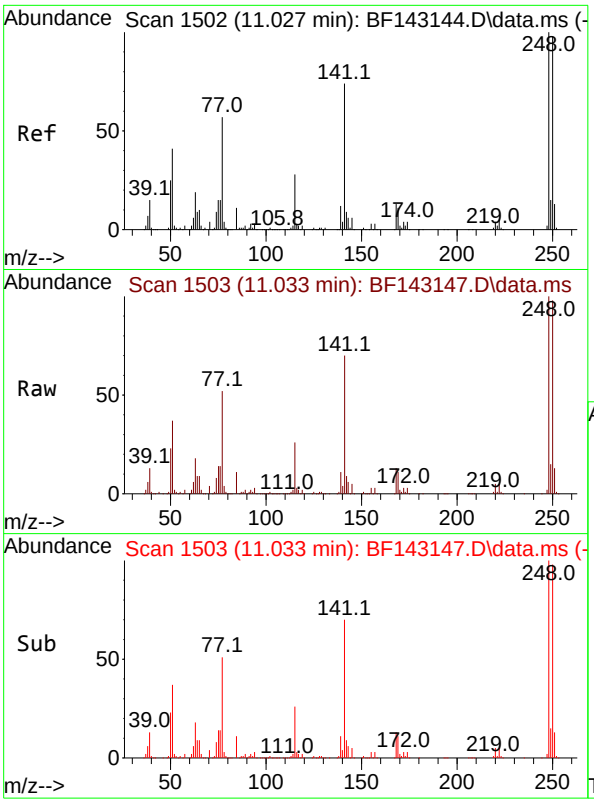


#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:169 Resp: 1087990

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.1	78.1
167	36.1	28.2	42.2



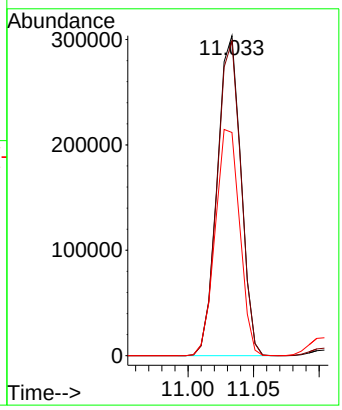


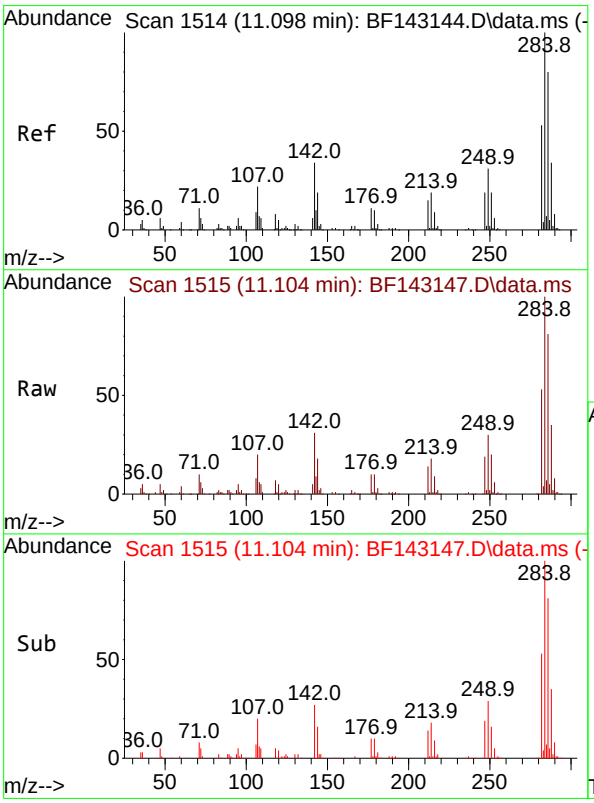
#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 382122

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.3	117.5
141	69.8	59.2	88.8

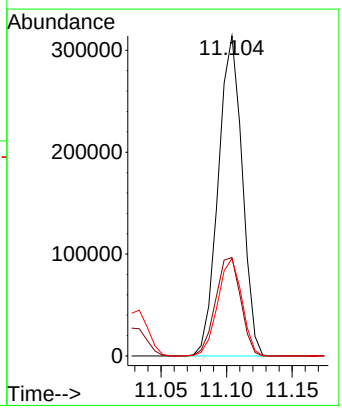


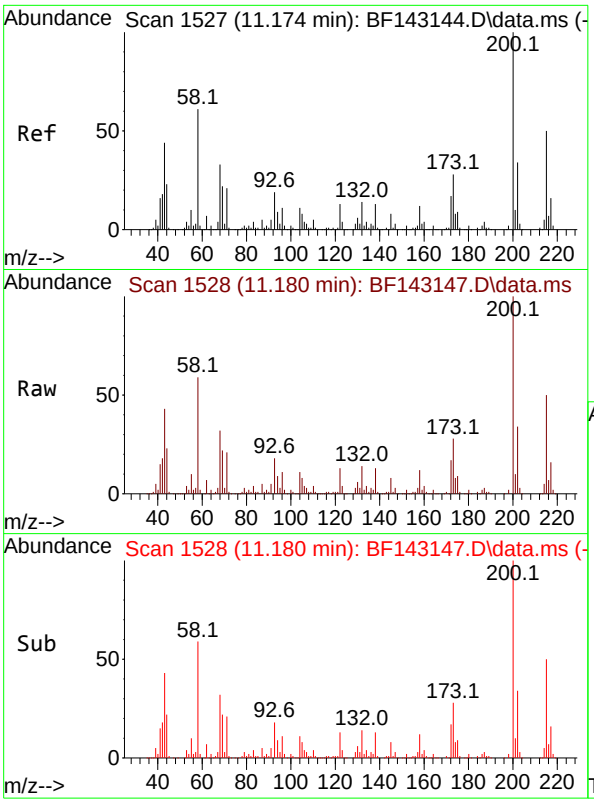


#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:284 Resp: 399107

Ion	Ratio	Lower	Upper
284	100		
142	30.7	27.0	40.6
249	30.5	25.0	37.6



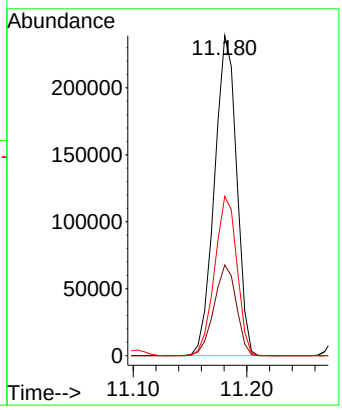


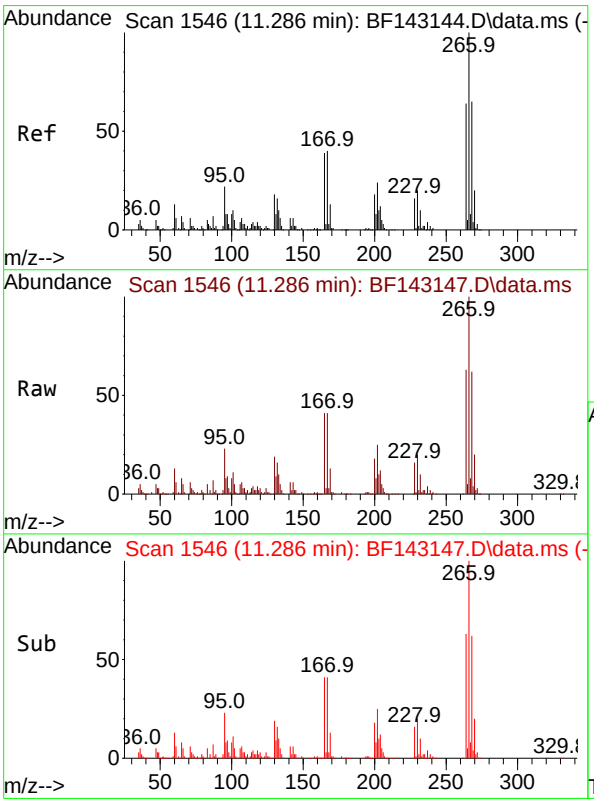
#69
Atrazine
Concen: 77.819 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 324126

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1

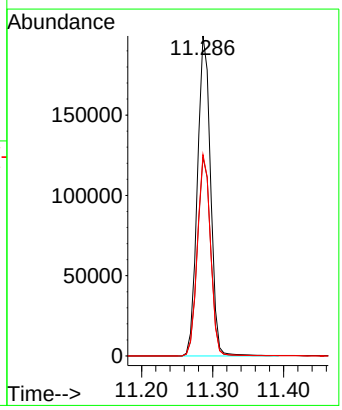


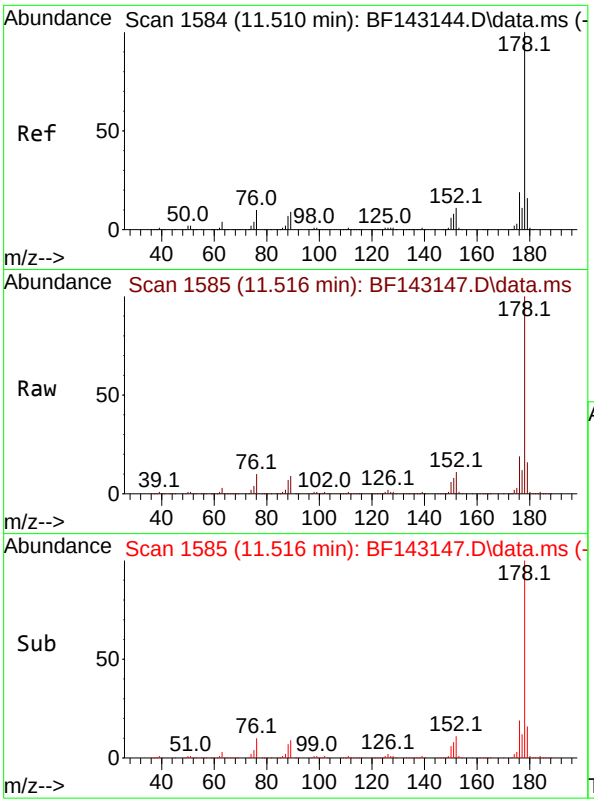


#70
Pentachlorophenol
Concen: 81.829 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:266 Resp: 257176

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.9	77.9
264	62.9	51.0	76.6



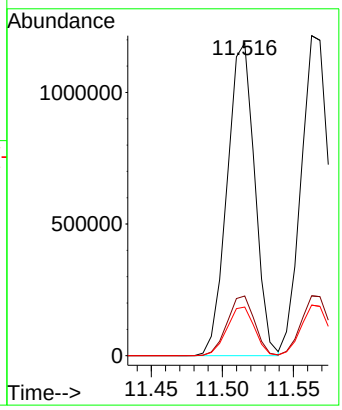


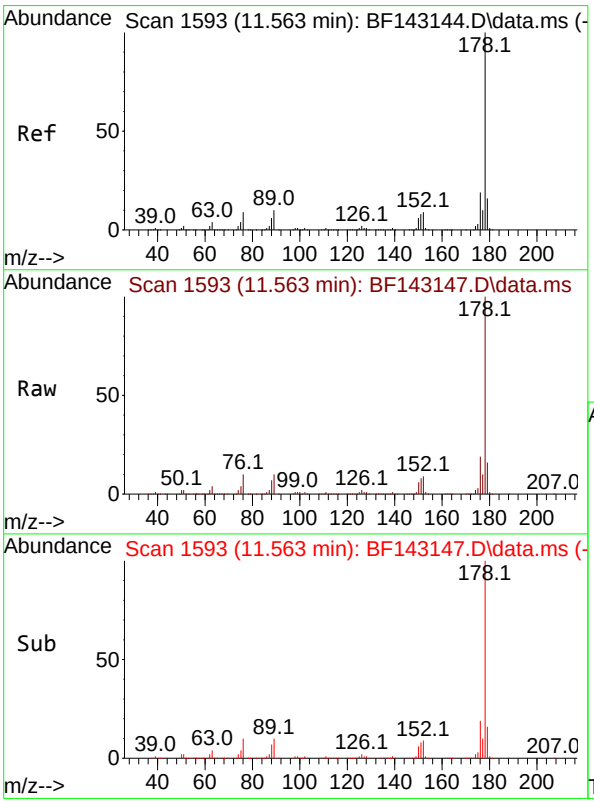
#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1602208

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7

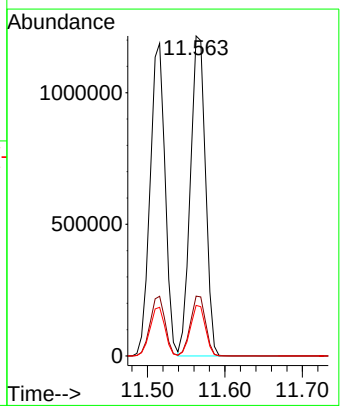


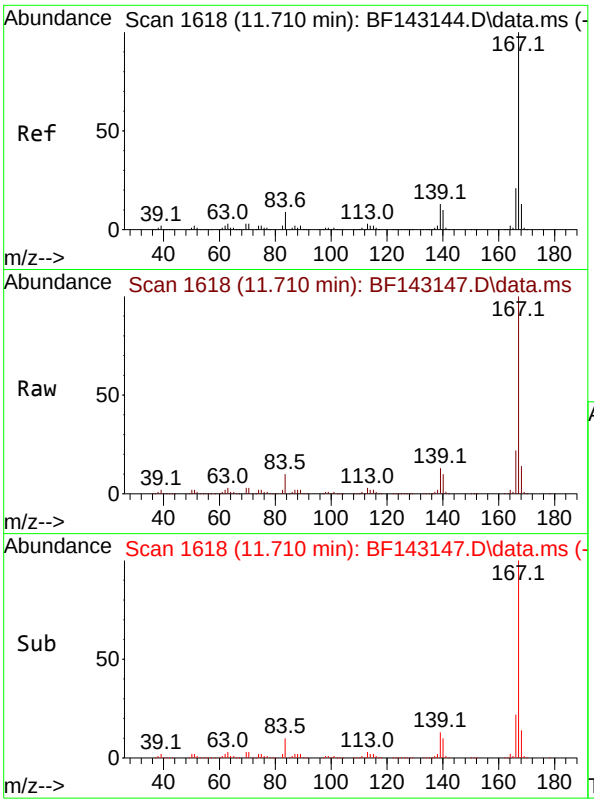


#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 1641264

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.8	12.5	18.7



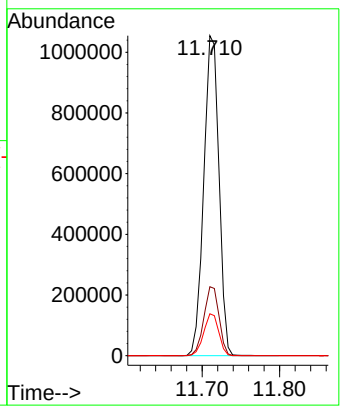


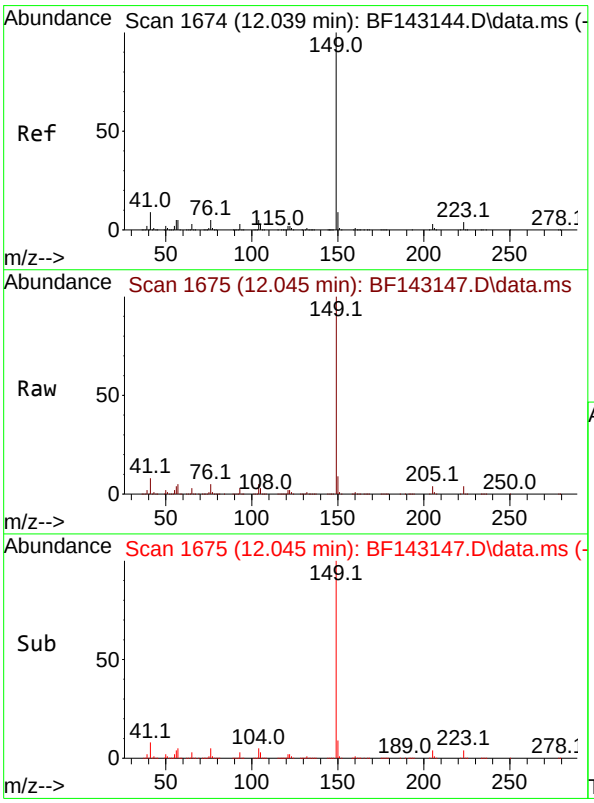
#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 1435444

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.1	10.0	15.0

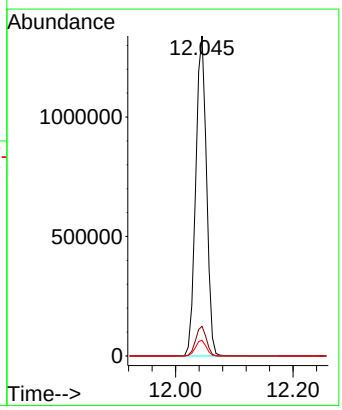


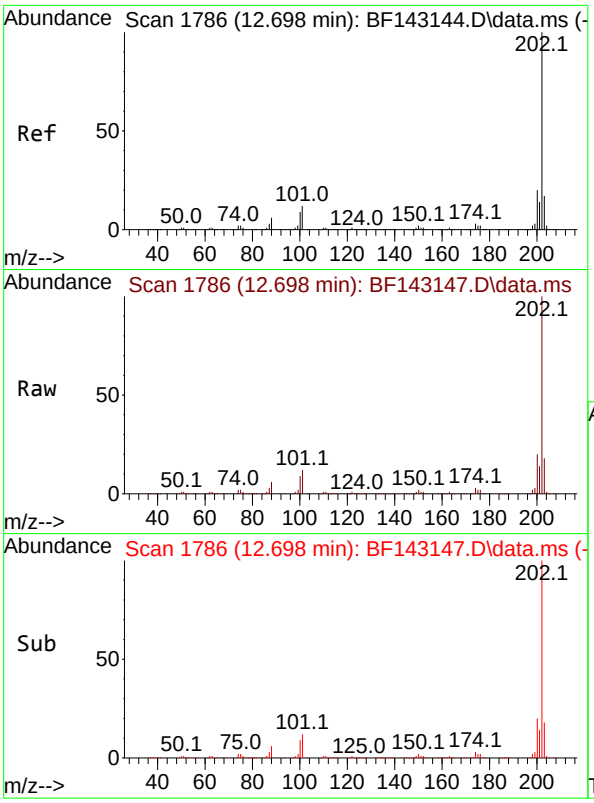


#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1699503

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.8	5.8



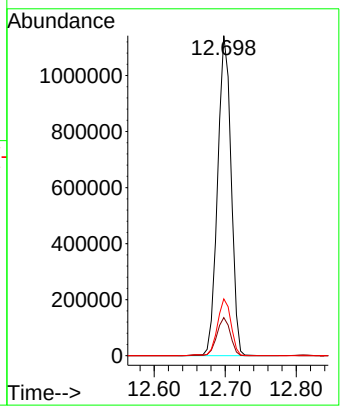


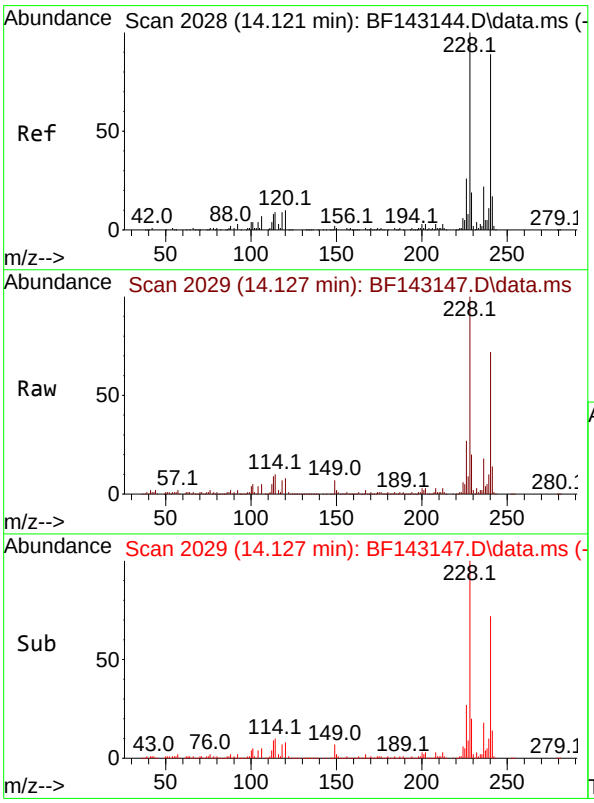
#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 1498103

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	17.8	0.0	37.4

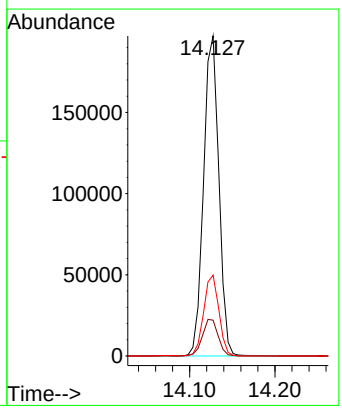


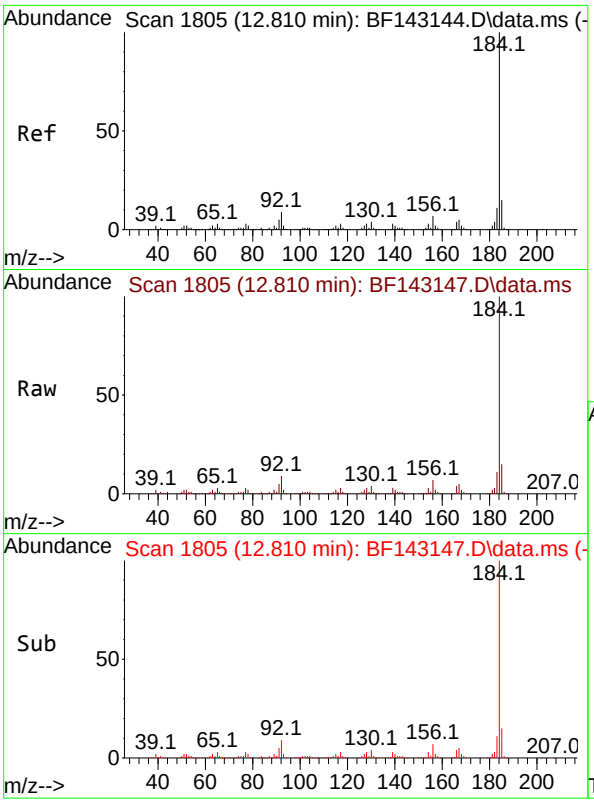


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:240 Resp: 245351

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	25.2	20.2	30.4



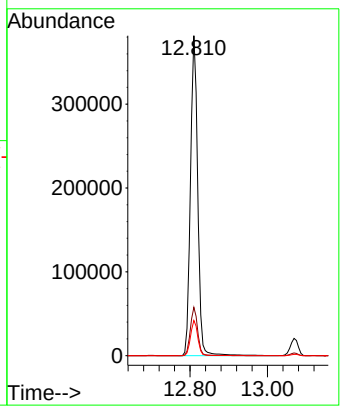


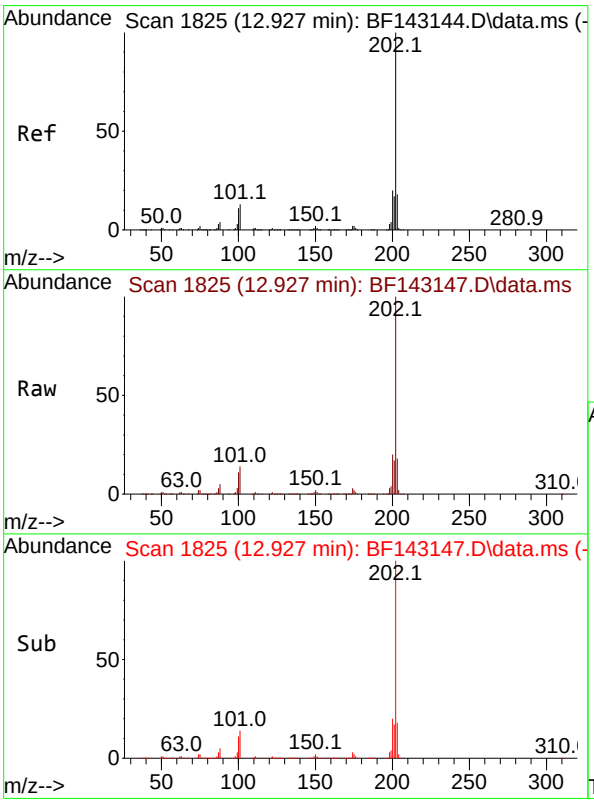
#77
Benzidine
Concen: 52.548 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 496717

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.0	9.0	13.4

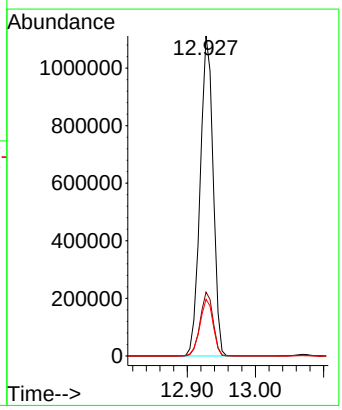


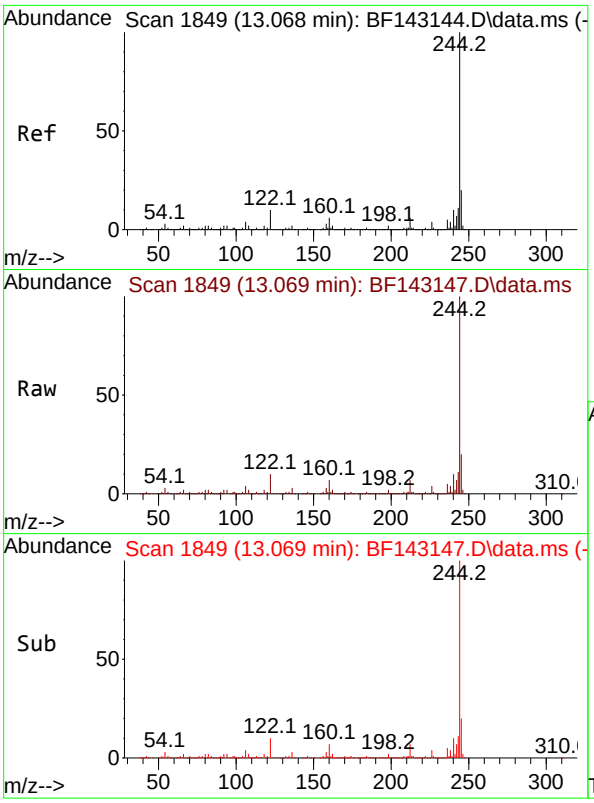


#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 1466205

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.7	14.2	21.2



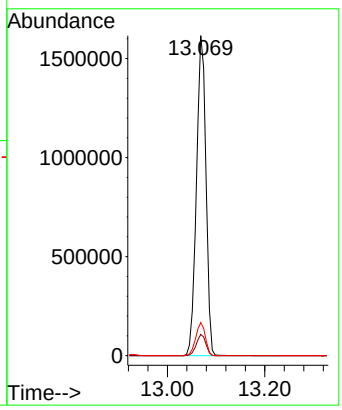


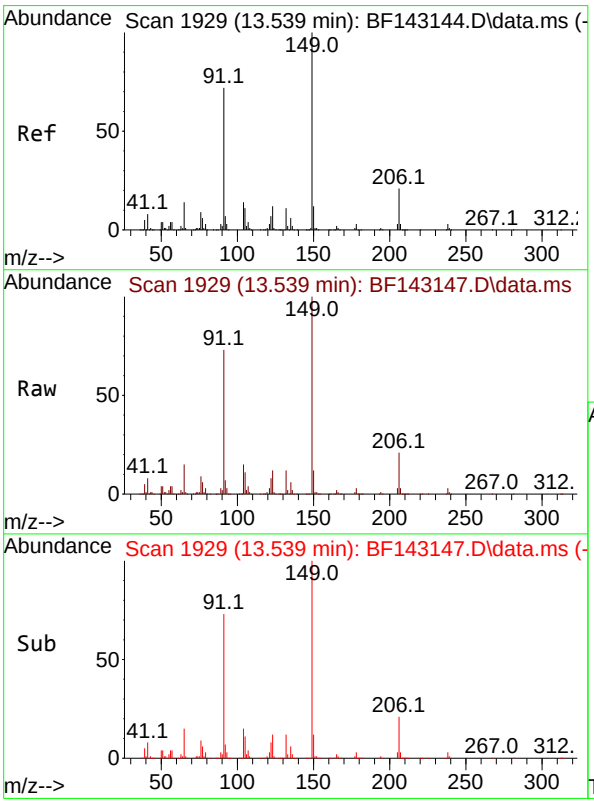
#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 2202828

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2

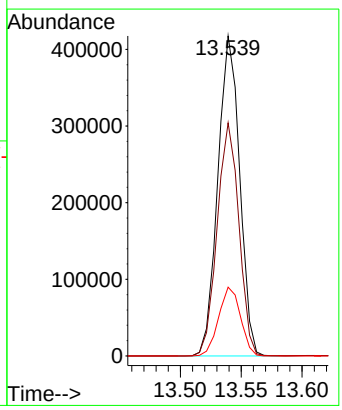


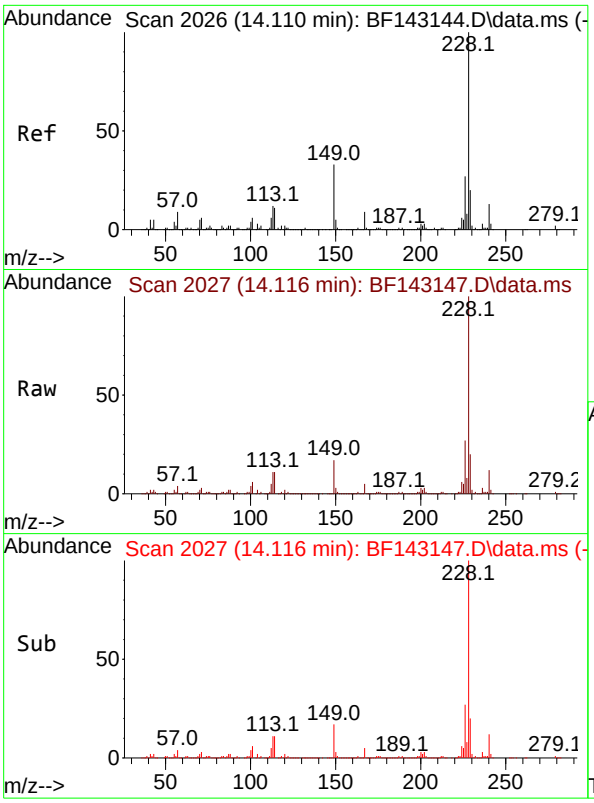


#80
Butylbenzylphthalate
Concen: 81.353 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 521631

Ion	Ratio	Lower	Upper
149	100		
91	72.9	57.9	86.9
206	21.5	17.0	25.4



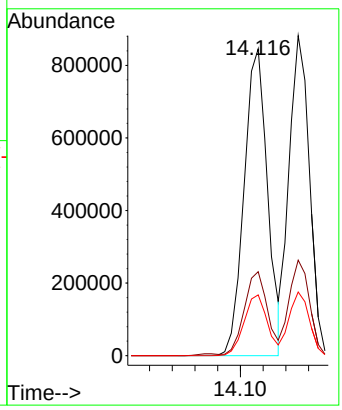


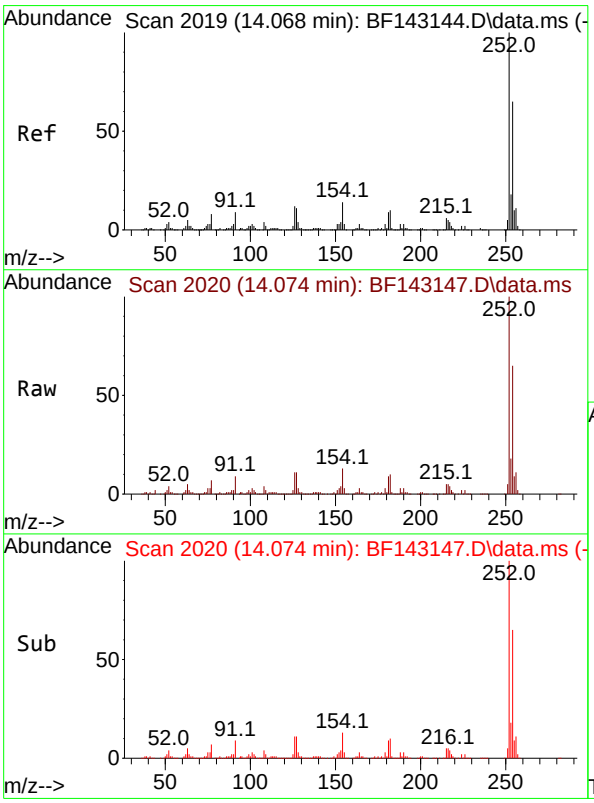
#81
Benzo(a)anthracene
Concen: 73.788 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1212056

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.8	15.8	23.6

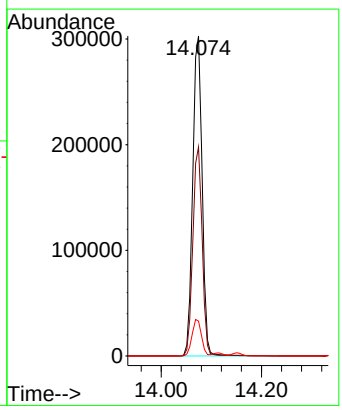


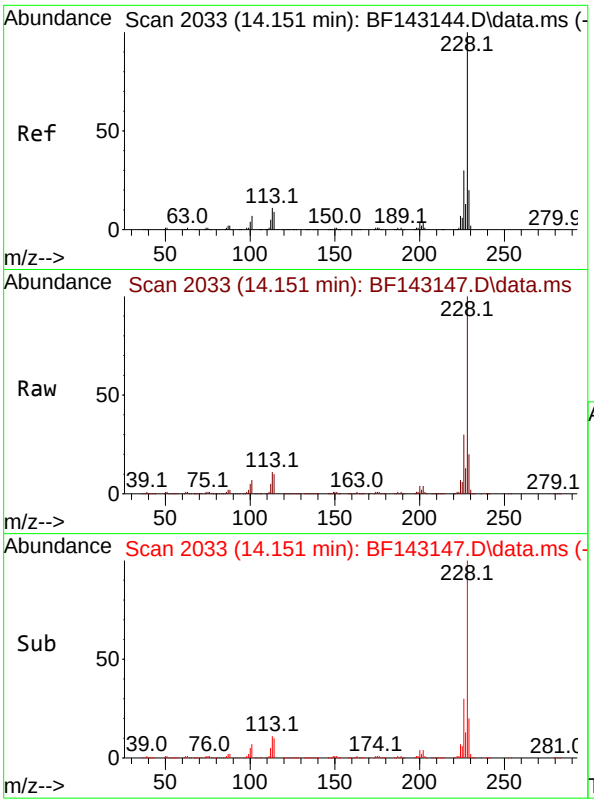


#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 393448

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	10.9	9.4	14.0



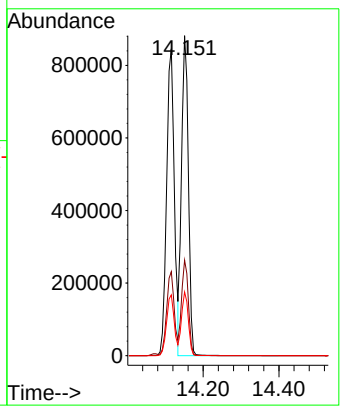


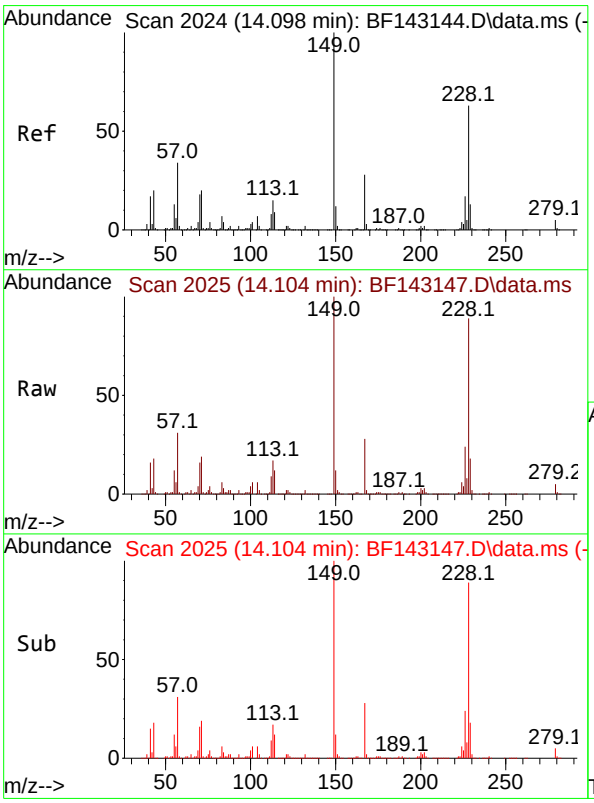
#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1105636

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.6	23.4

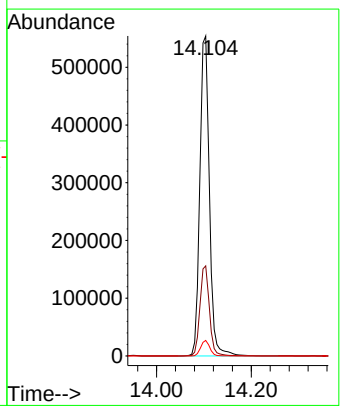


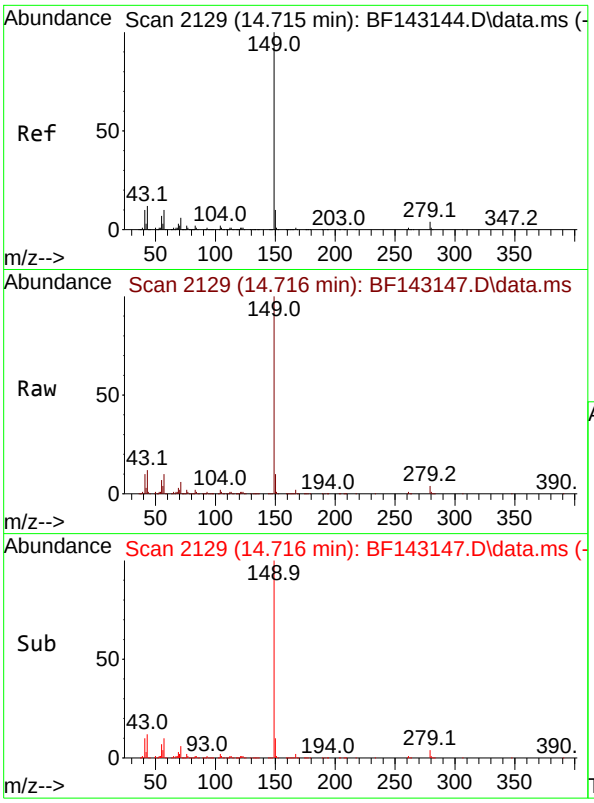


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 774366

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.9	3.6	5.4



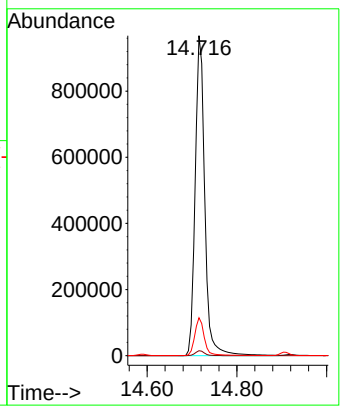


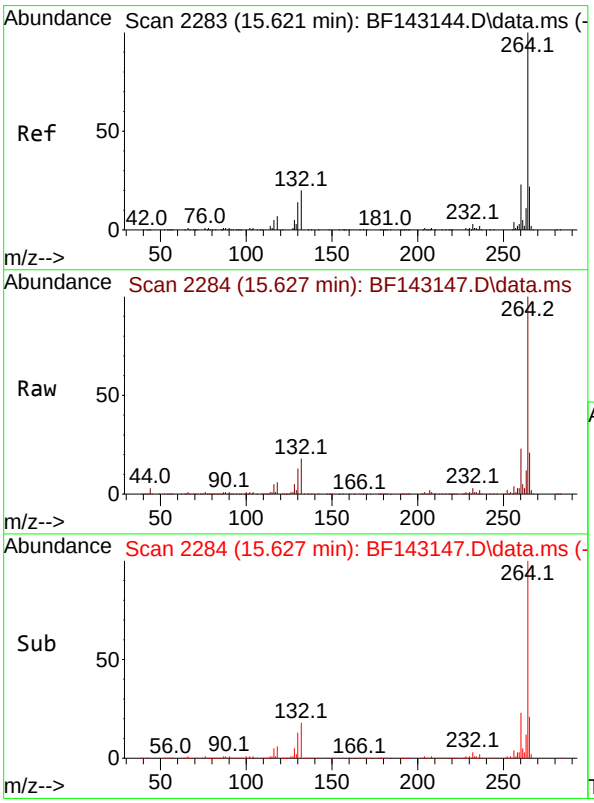
#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1434055

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.7	14.5

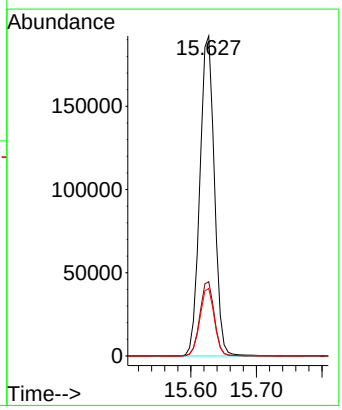


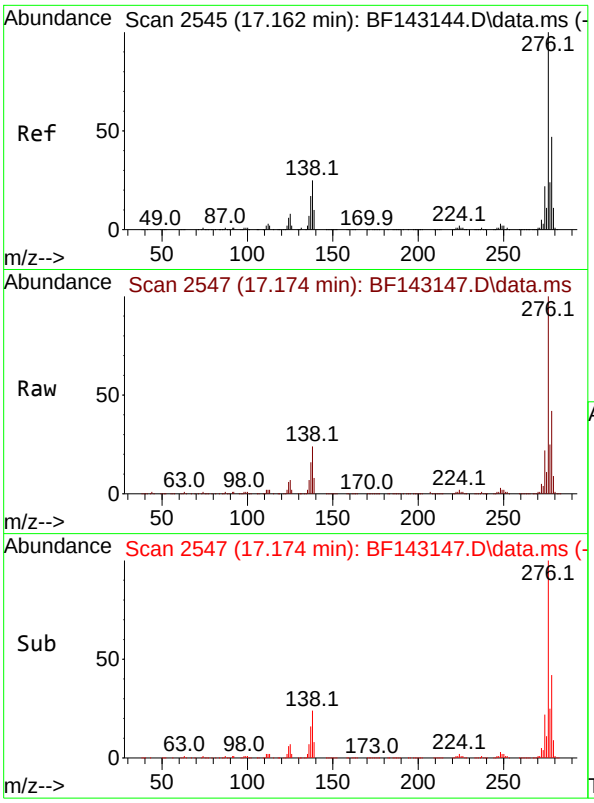


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:264 Resp: 296687

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.1	17.4	26.2



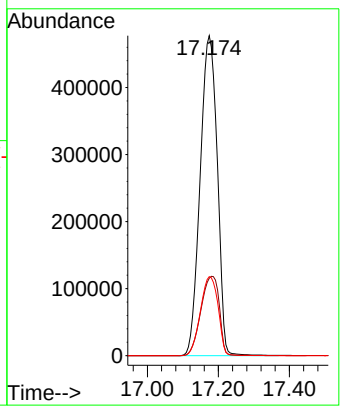


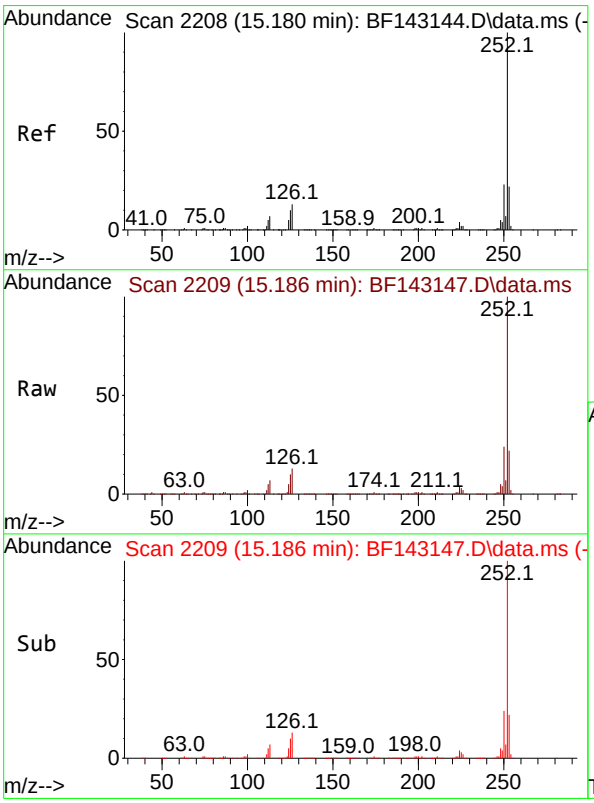
#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 1604969

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	25.5	20.0	30.0

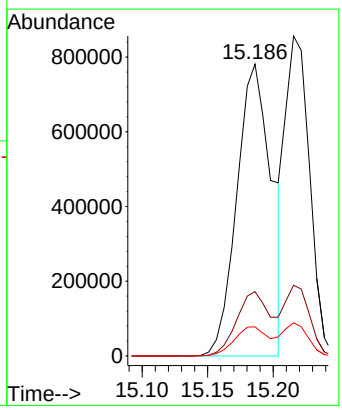


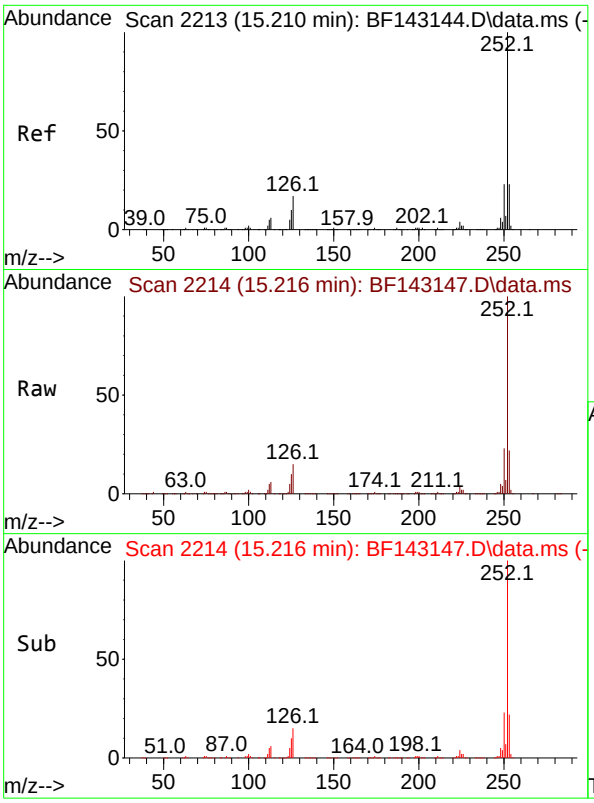


#88
Benzo(b)fluoranthene
Concen: 79.367 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1438518

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.0	8.0	12.0



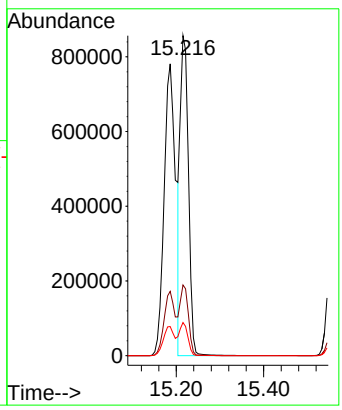


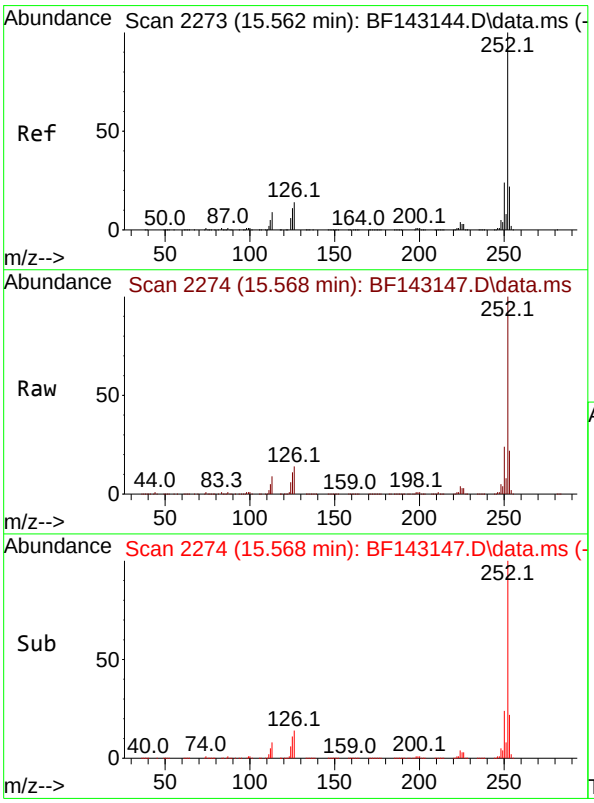
#89
Benzo(k)fluoranthene
Concen: 68.737 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1111726

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.1	12.1

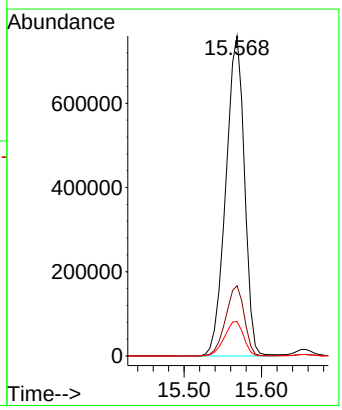


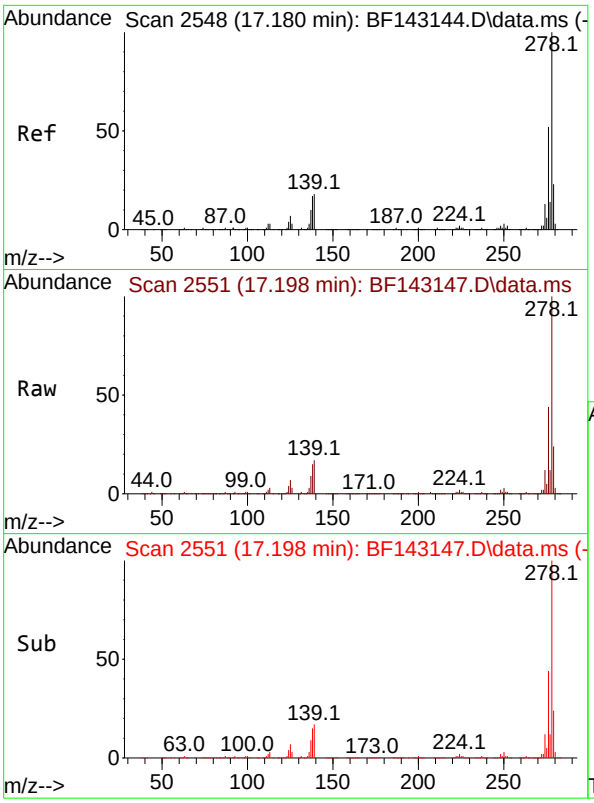


#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1269253

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.8	8.6	13.0



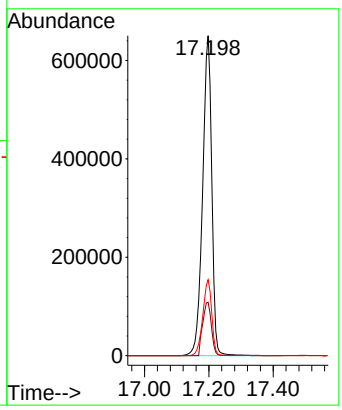


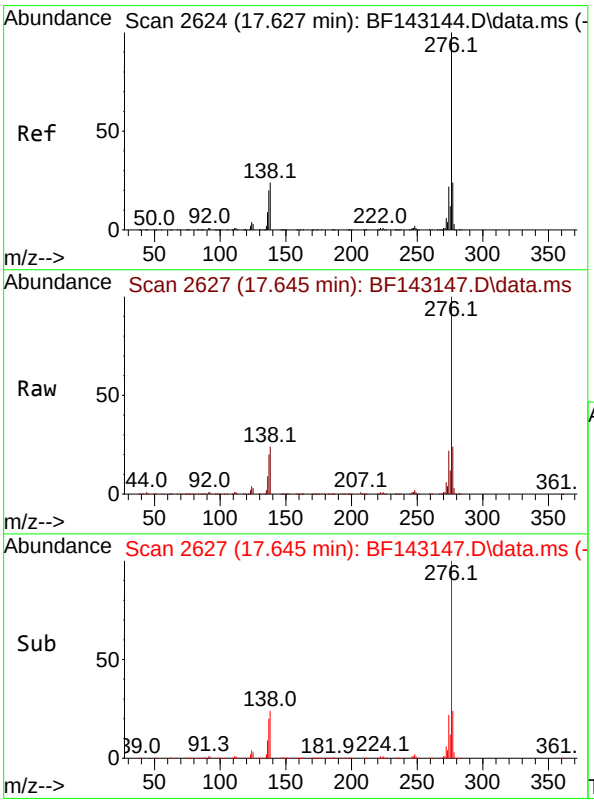
#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1289789

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.1	21.1
279	23.8	18.6	28.0

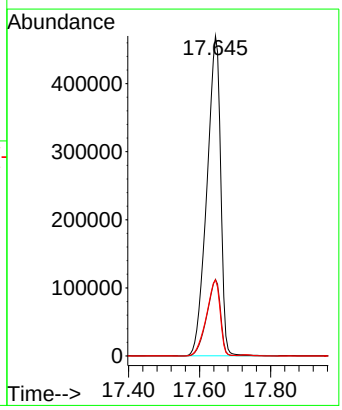




#92
Benzo(g,h,i)perylene
Concen: 76.846 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 1265778

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	23.7	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	542809	43.542	ng	99
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	246820	42.989	ng	97
46) 1,1'-Biphenyl	9.422	154	920059	41.053	ng	100
47) 2-Chloronaphthalene	9.445	162	666359	40.184	ng	100
48) 2-Nitroaniline	9.533	65	227376	43.723	ng	100
49) Acenaphthylene	9.863	152	1111992	40.013	ng	100
50) Dimethylphthalate	9.716	163	753041	40.218	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166911	43.820	ng	98
52) Acenaphthene	10.033	154	659908	40.176	ng	99
53) 3-Nitroaniline	9.939	138	191512	42.985	ng	98
54) 2,4-Dinitrophenol	10.045	184	64659	40.998	ng	98
55) Dibenzofuran	10.204	168	974991	39.981	ng	100
56) 4-Nitrophenol	10.086	139	140876	42.344	ng	99
57) 2,4-Dinitrotoluene	10.175	165	212369	44.440	ng	97
58) Fluorene	10.551	166	717816	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	198530	41.743	ng	99
60) Diethylphthalate	10.416	149	753774	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	367981	40.377	ng	99
62) 4-Nitroaniline	10.551	138	160193	41.953	ng	98
63) Azobenzene	10.698	77	779524	40.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	98462	41.869	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647855	40.250	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	222405	40.828	ng	100
68) Hexachlorobenzene	11.098	284	229272	40.268	ng	100
69) Atrazine	11.174	200	189104	42.615	ng	99
70) Pentachlorophenol	11.286	266	141608	42.292	ng	99
71) Phenanthrene	11.510	178	971448	40.026	ng	100
72) Anthracene	11.563	178	1003925	40.557	ng	99
73) Carbazole	11.710	167	874867	40.476	ng	100
74) Di-n-butylphthalate	12.039	149	1035244	42.330	ng	100
75) Fluoranthene	12.698	202	909717	40.836	ng	100
77) Benzidine	12.810	184	441470	43.239	ng	100
78) Pyrene	12.927	202	902771	39.916	ng	99
80) Butylbenzylphthalate	13.539	149	303528	43.827	ng	98
81) Benzo(a)anthracene	14.110	228	708799	39.950	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	258837	43.772	ng	100
83) Chrysene	14.145	228	673701	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	456811	43.578	ng	100
85) Di-n-octyl phthalate	14.715	149	818512	43.077	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	896404	40.983	ng	100
88) Benzo(b)fluoranthene	15.180	252	820119	43.278	ng	100
89) Benzo(k)fluoranthene	15.209	252	634642	37.531	ng	99
90) Benzo(a)pyrene	15.562	252	708756	40.594	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	724758	40.710	ng	99
92) Benzo(g,h,i)perylene	17.627	276	712864	41.394	ng	100

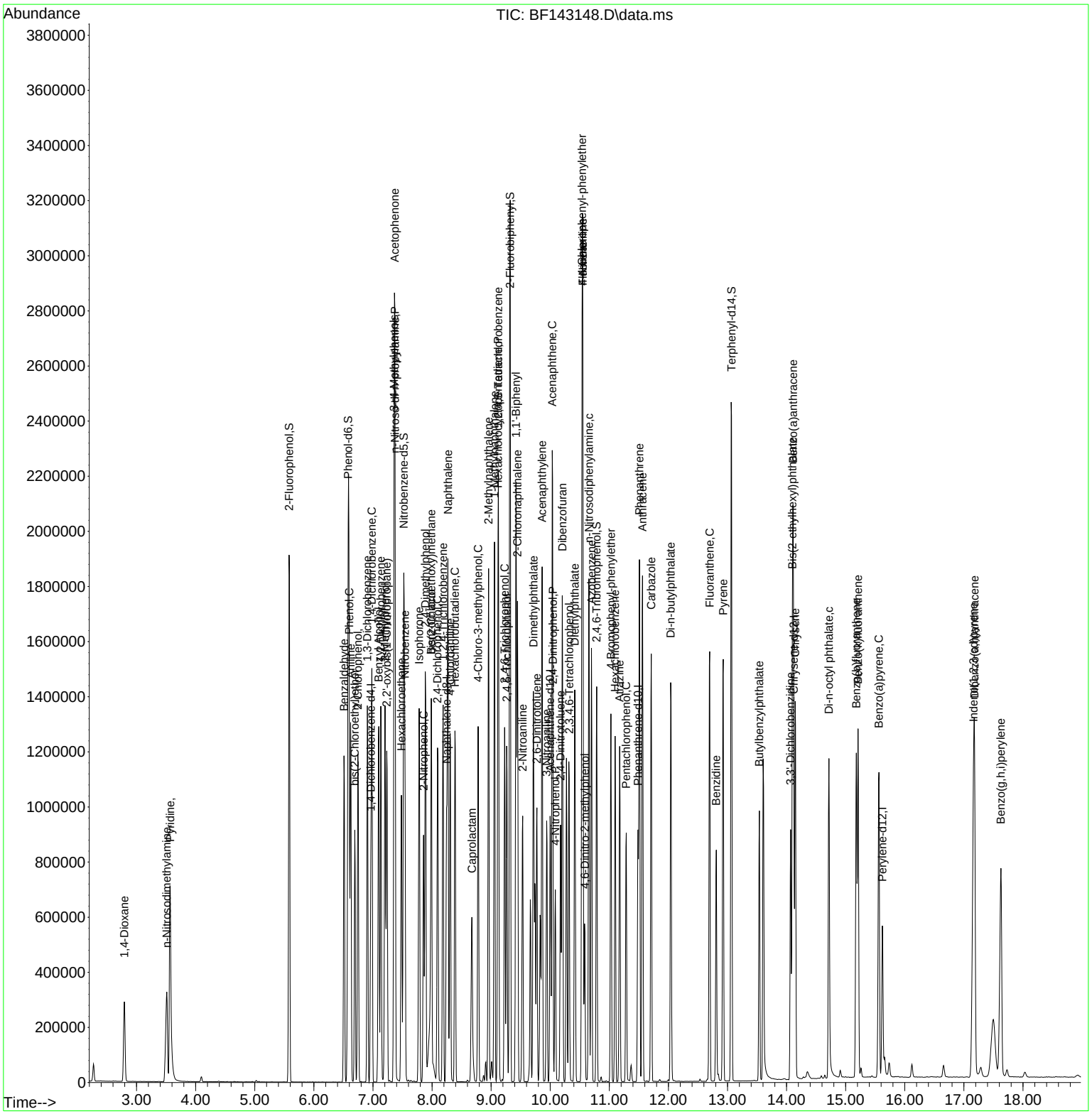
(#) = qualifier out of range (m) = manual integration (+) = signals summed

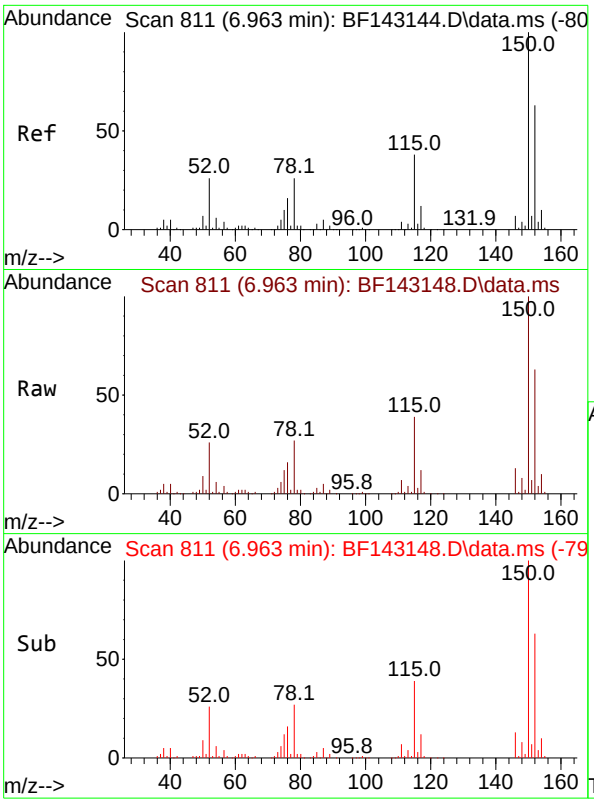
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



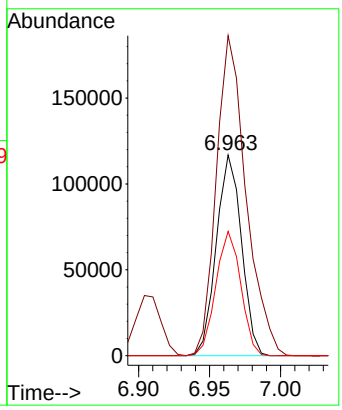


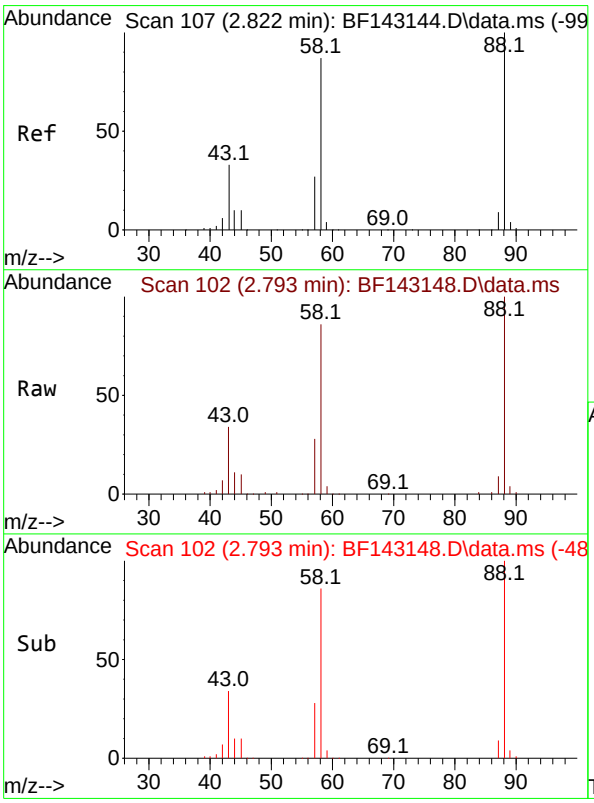
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:152 Resp: 143868

Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.2	192.4
115	62.0	47.9	71.9

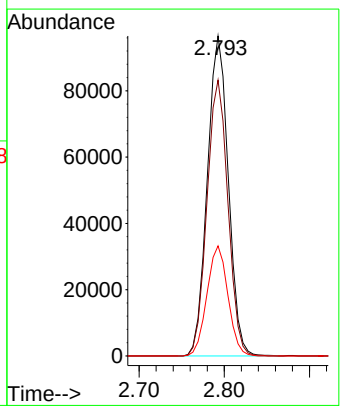


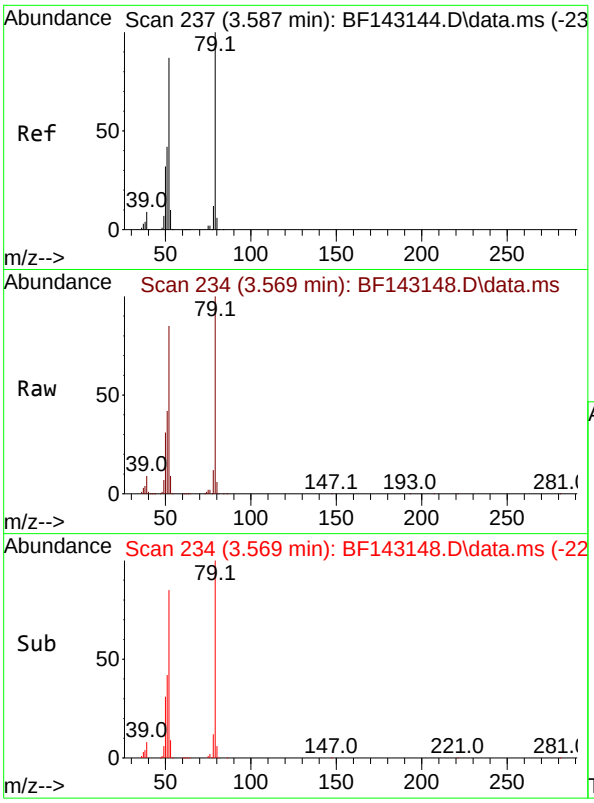


#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 88 Resp: 165605

Ion	Ratio	Lower	Upper
88	100		
58	86.0	70.2	105.2
43	34.4	27.1	40.7



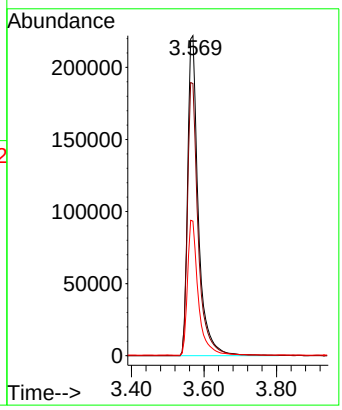


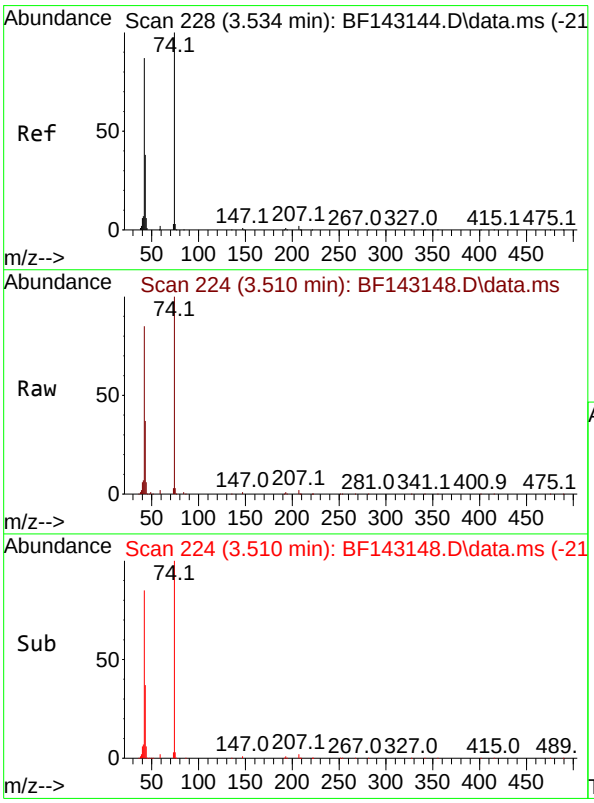
#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 79 Resp: 453367

Ion	Ratio	Lower	Upper
79	100		
52	85.0	69.4	104.2
51	42.0	33.5	50.3

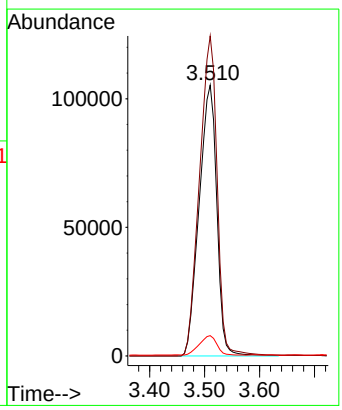


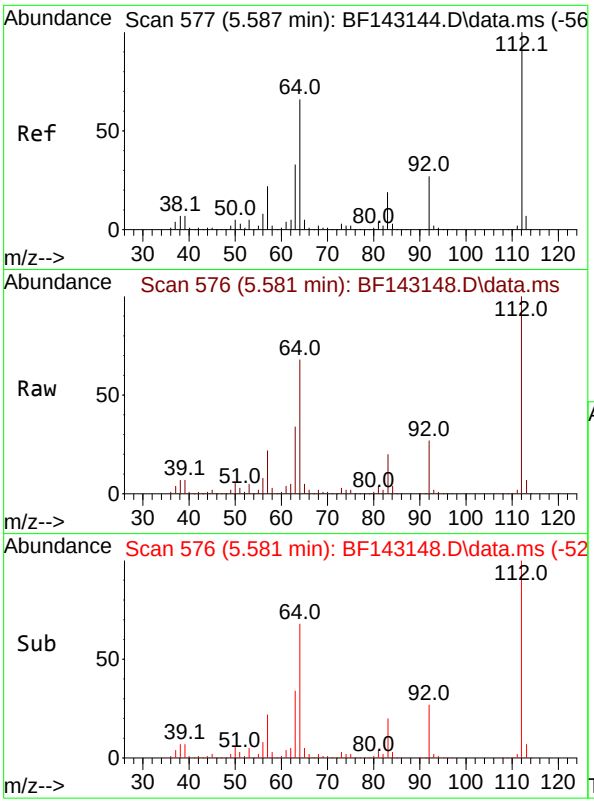


#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 42 Resp: 235215

Ion	Ratio	Lower	Upper
42	100		
74	118.1	91.7	137.5
44	7.5	5.6	8.4



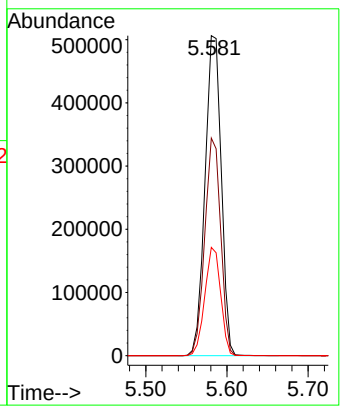


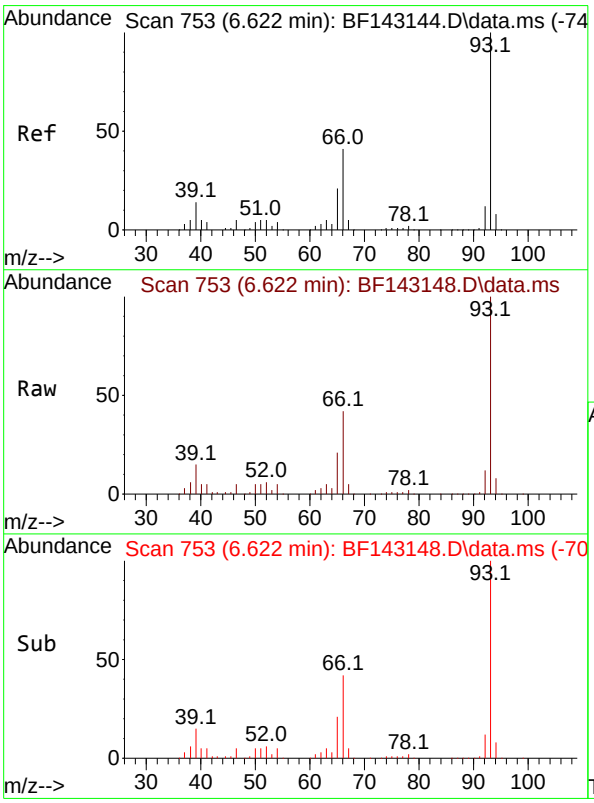
#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:112 Resp: 701339

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	33.9	26.6	40.0

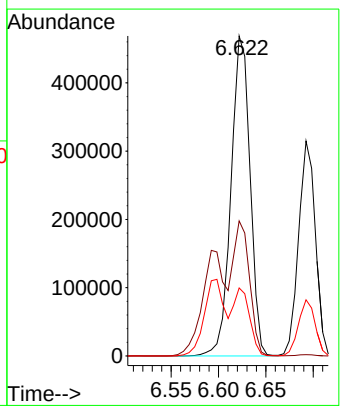


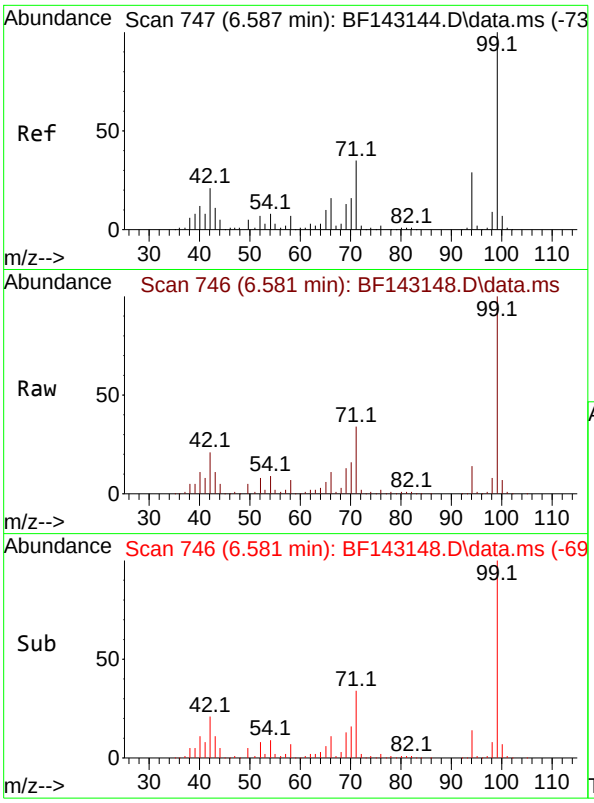


#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 655116

Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.2	49.8
65	21.3	16.9	25.3



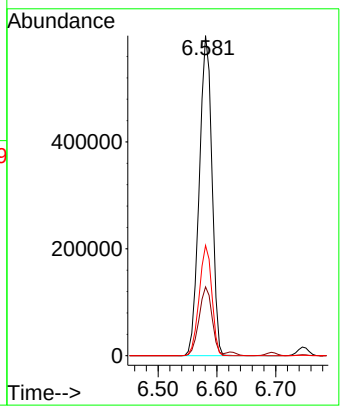


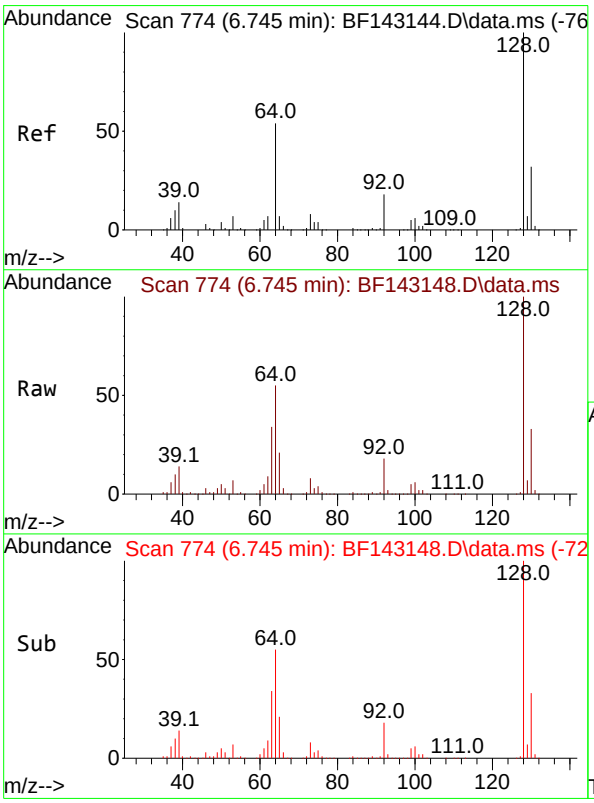
#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 99 Resp: 894087

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	34.5	27.7	41.5

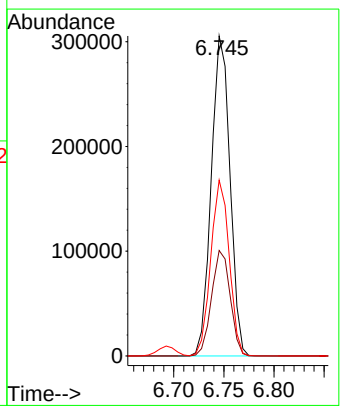


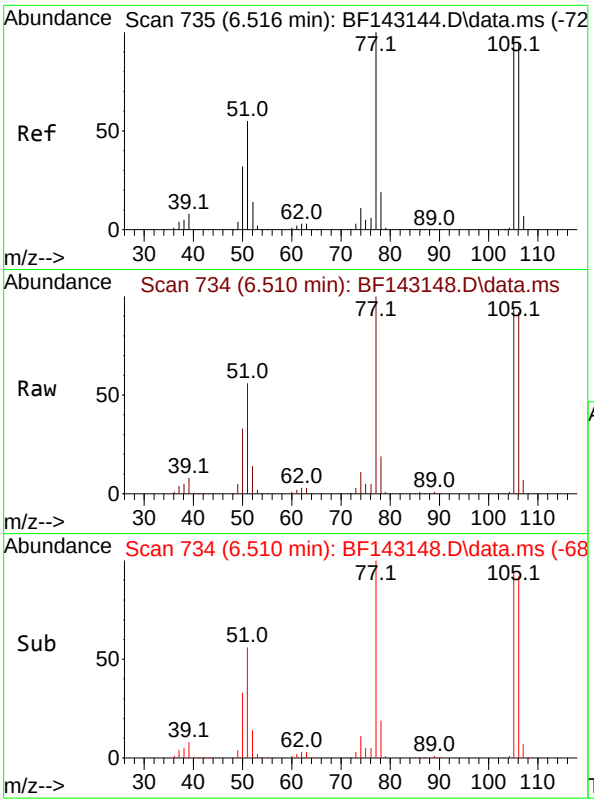


#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	54.9	35.9	75.9



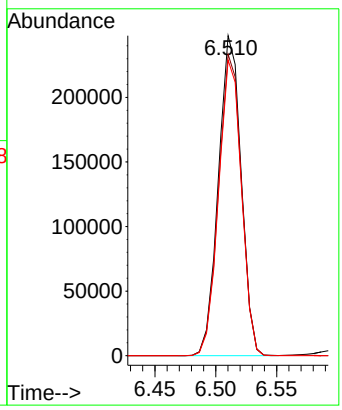


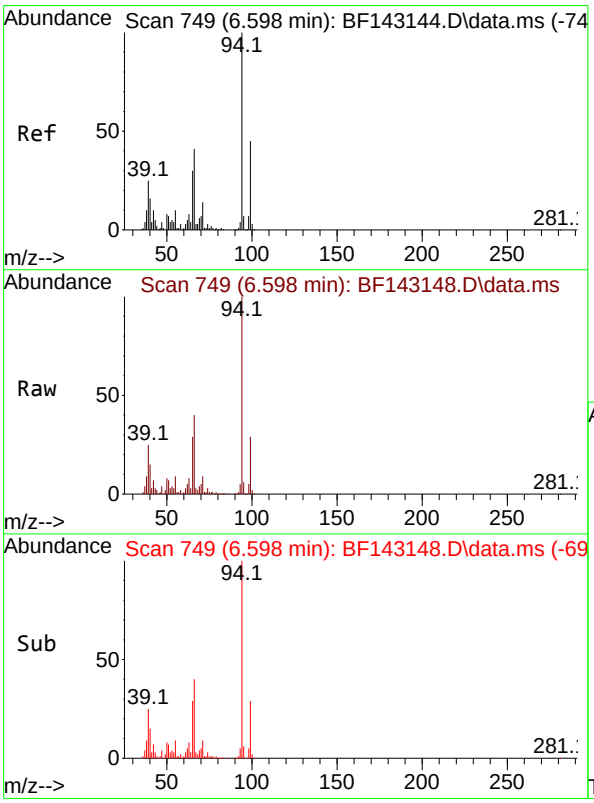
#9
Benzaldehyde
Concen: 37.441 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 77 Resp: 321269

Ion	Ratio	Lower	Upper
77	100		
105	94.2	76.8	116.8
106	92.4	74.4	114.4

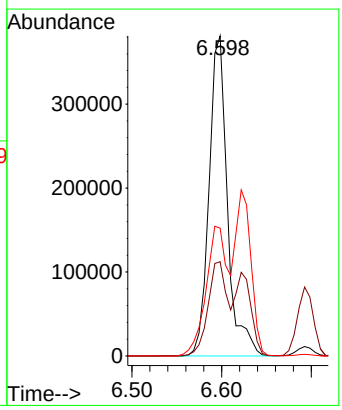


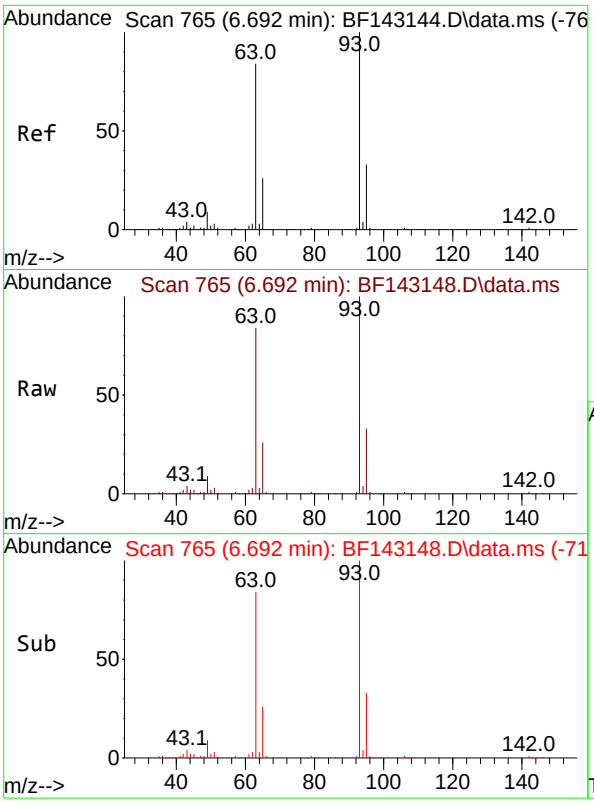


#10
Phenol
Concen: 43.542 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 94 Resp: 542809

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	40.0	20.8	60.8



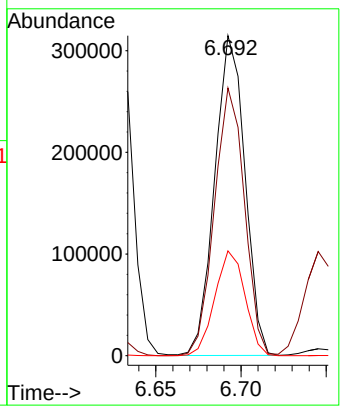


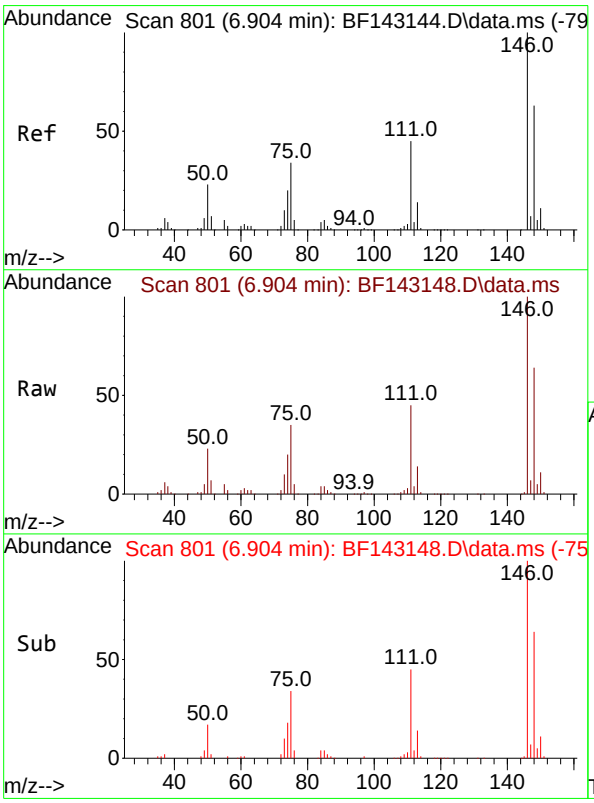
#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 93 Resp: 387791

Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.4	103.4
95	32.7	12.4	52.4

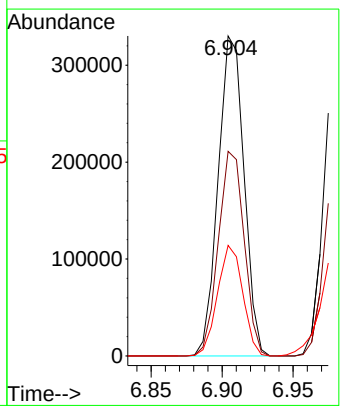


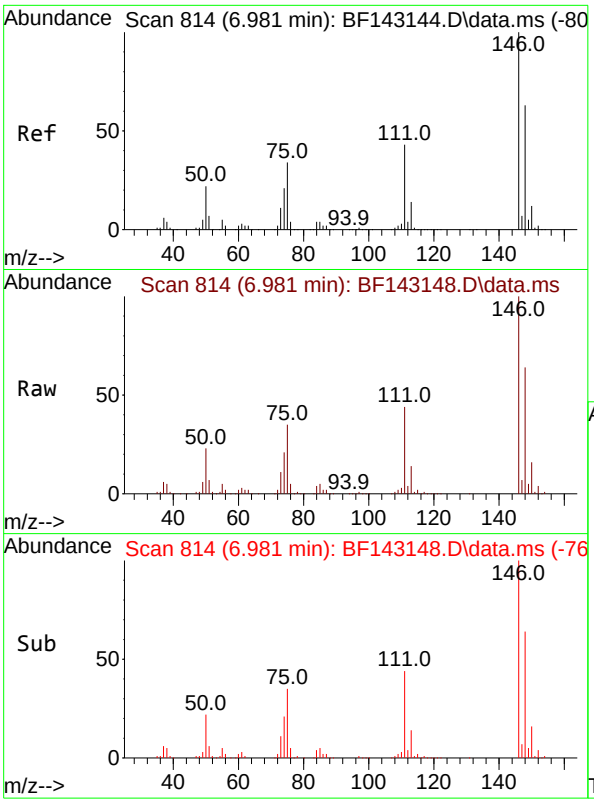


#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
75	34.6	27.4	41.2



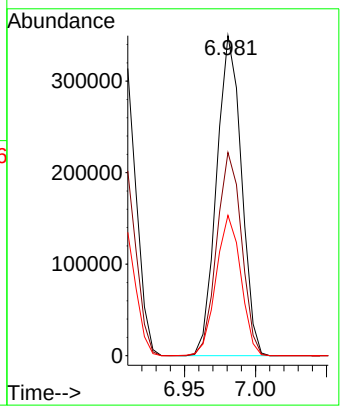


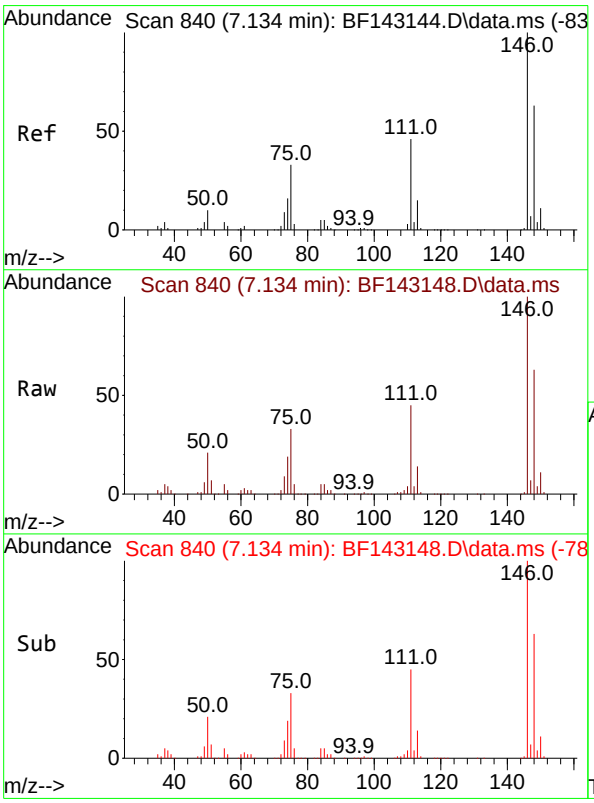
#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:146 Resp: 424629

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.8	34.4	51.6

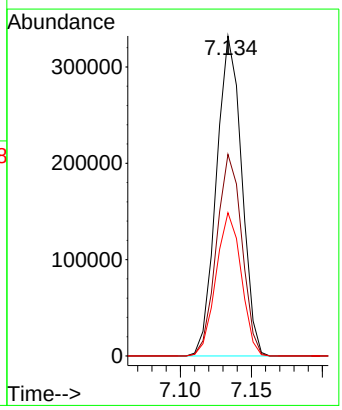


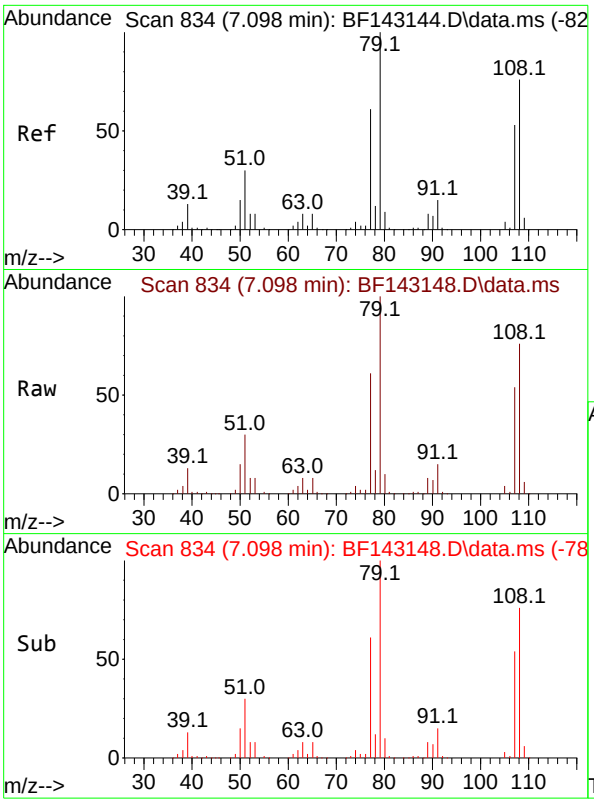


#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 411560

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	44.8	36.6	54.8



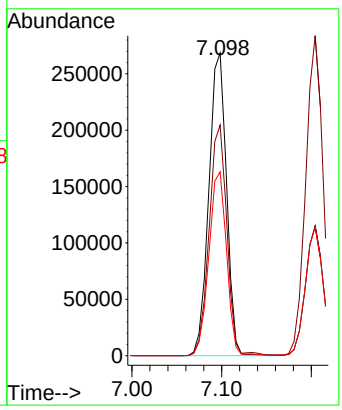


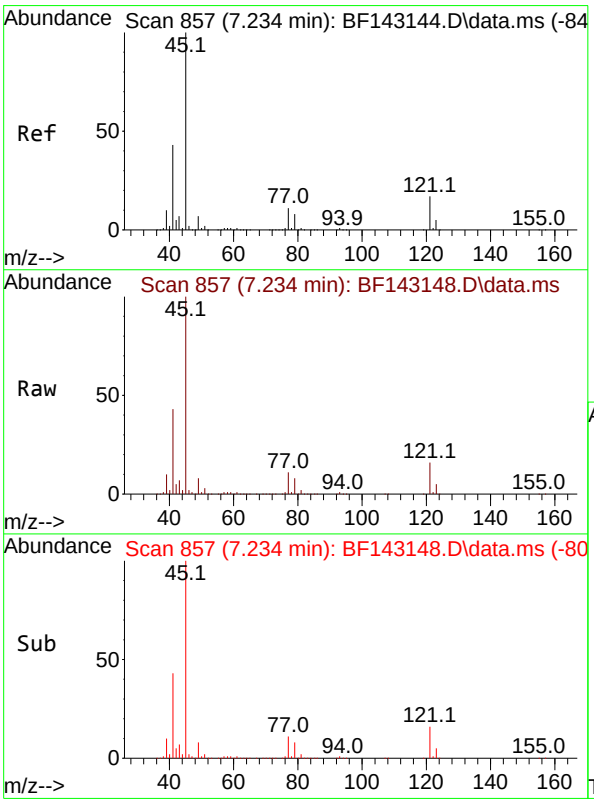
#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 79 Resp: 366608

Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.1	91.7
77	60.8	48.9	73.3

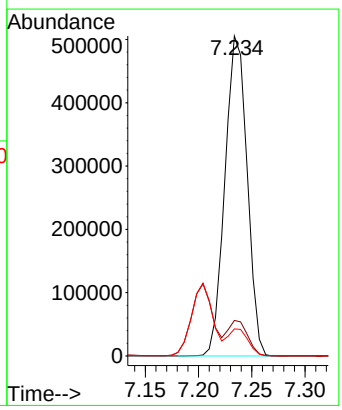


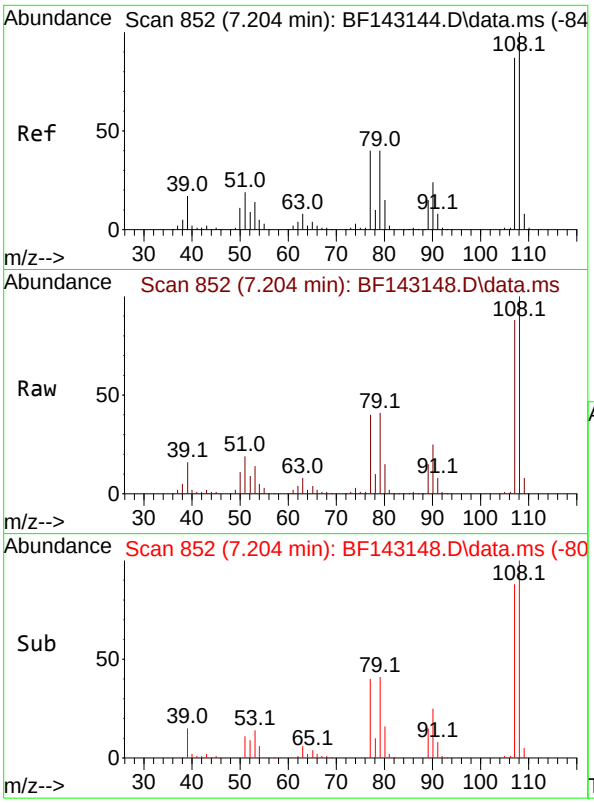


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 45 Resp: 732274

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.5	0.0	28.5



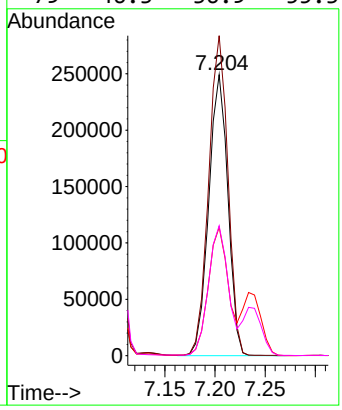


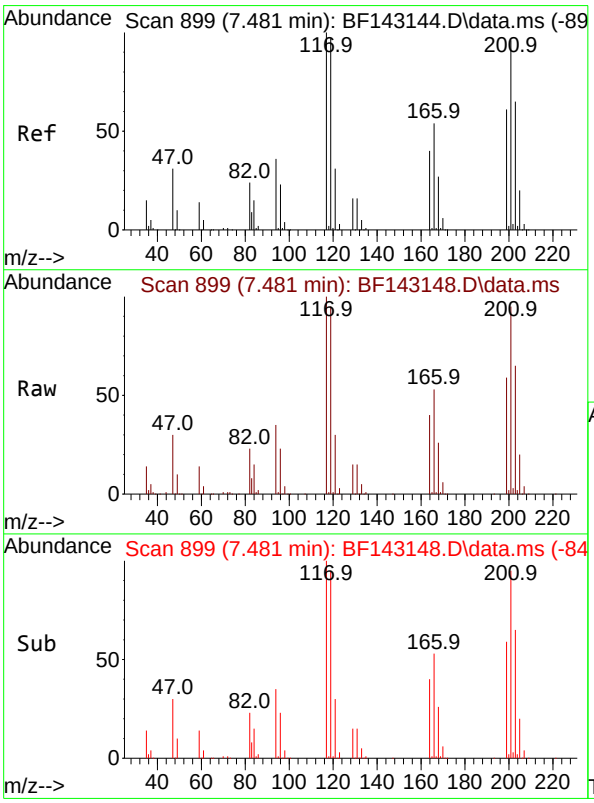
#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:107 Resp: 331709

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.8	137.6
77	45.7	37.0	55.6
79	46.3	36.9	55.3

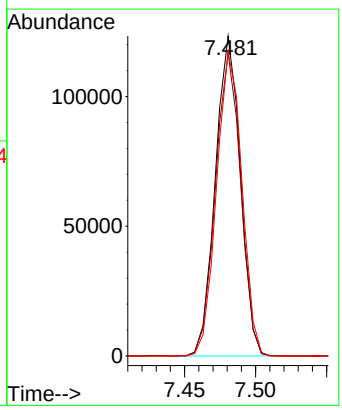


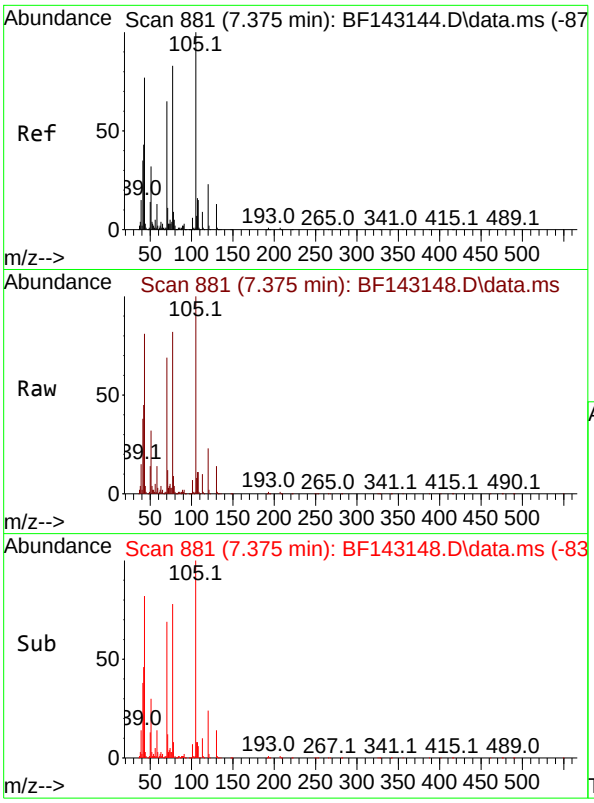


#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.8	116.8
201	95.2	77.0	115.4



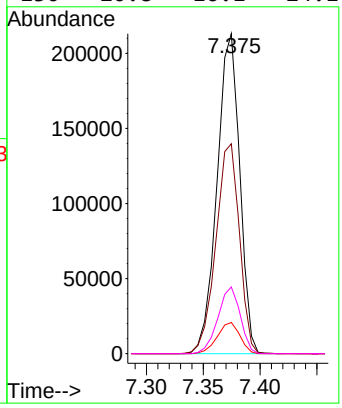


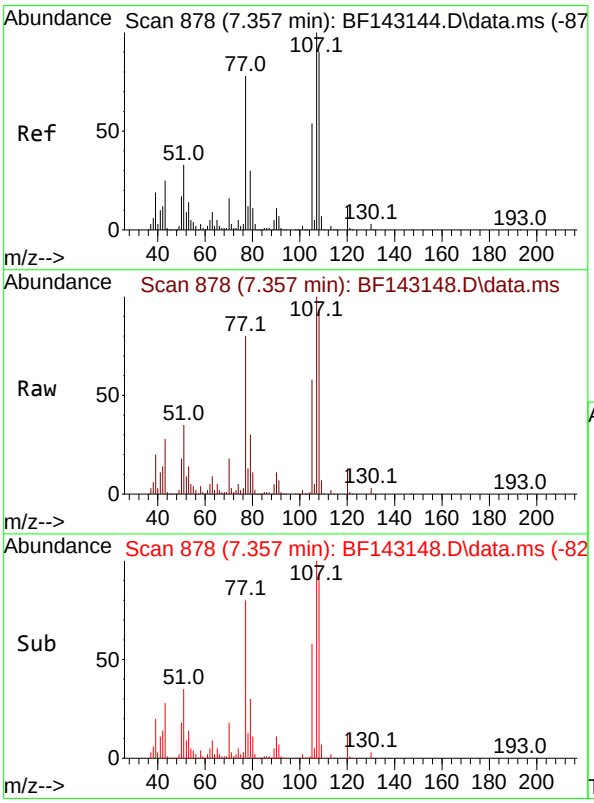
#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 70 Resp: 296171

Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.8	7.6	11.4
130	20.8	16.1	24.1

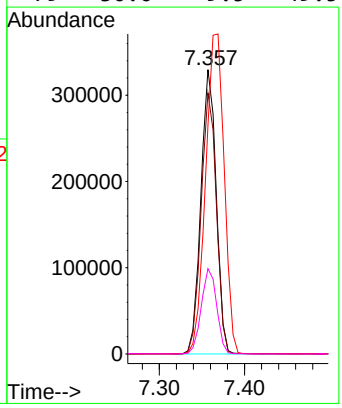


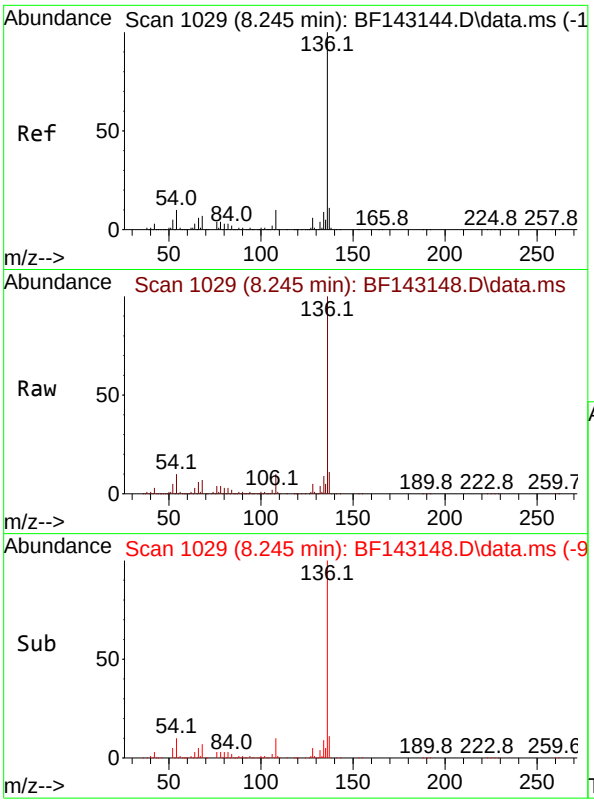


#20
3+4-Methylphenols
Concen: 42.387 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 412065

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.0	110.0
77	80.5	57.8	97.8
79	30.0	9.5	49.5



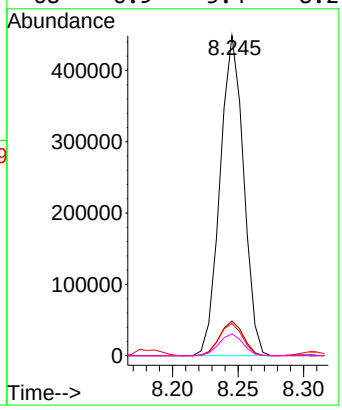


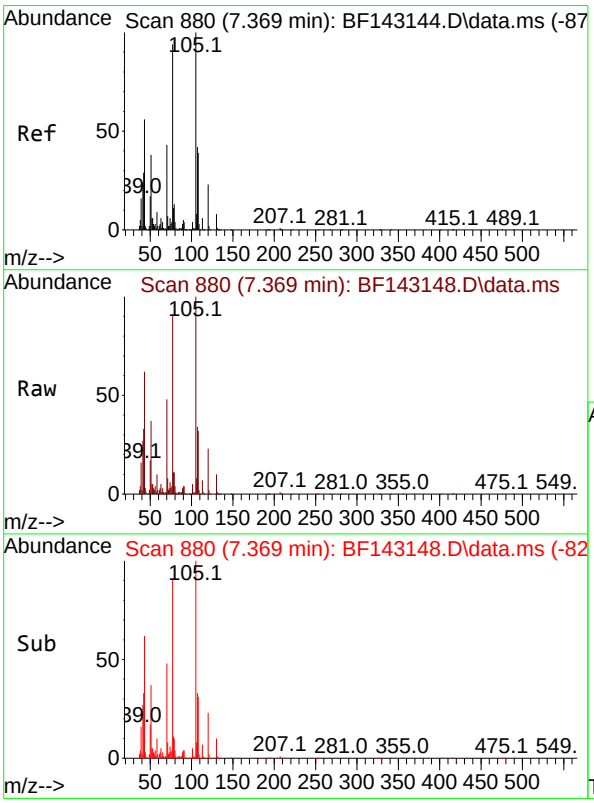
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:136 Resp: 559677

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.2	12.2
68	6.9	5.4	8.2

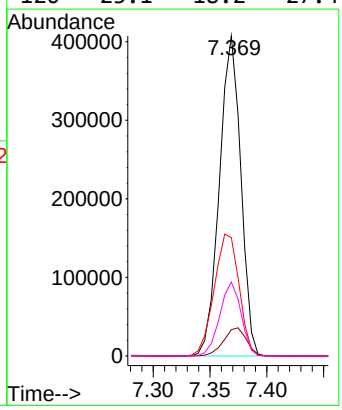


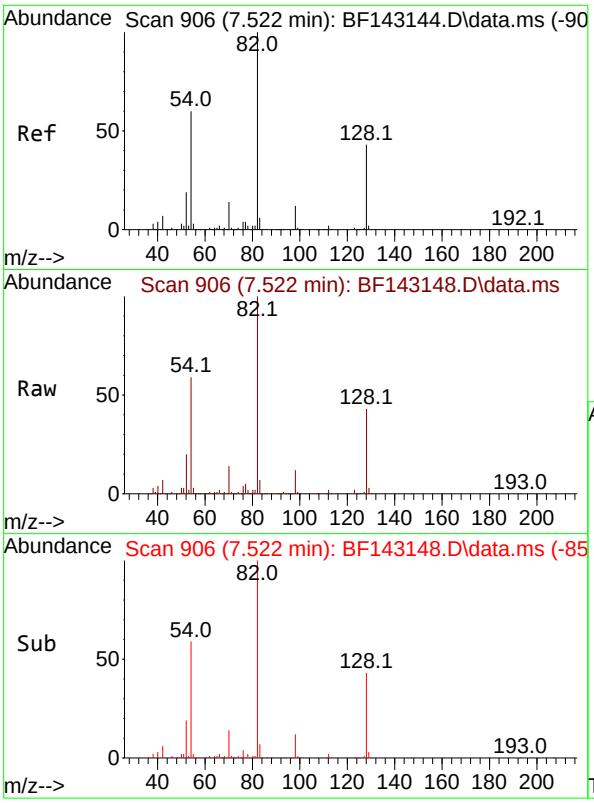


#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	37.0	30.2	45.2
120	23.1	18.2	27.4



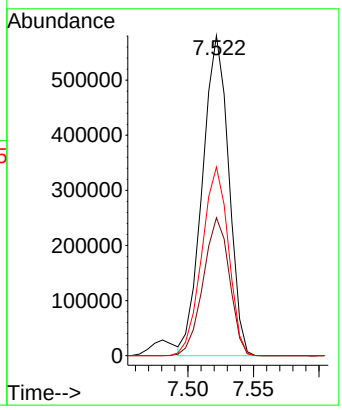


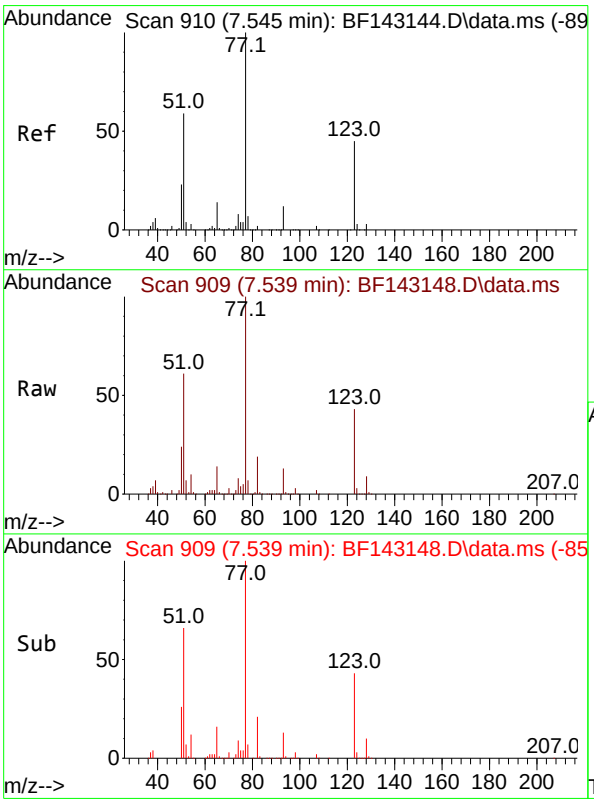
#23
Nitrobenzene-d5
Concen: 72.247 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 82 Resp: 811178

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7

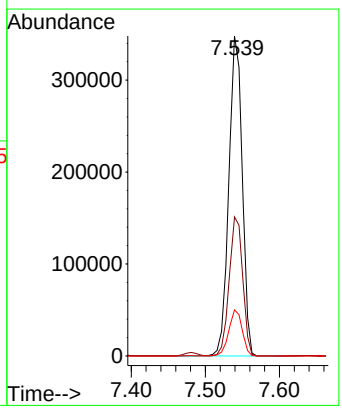


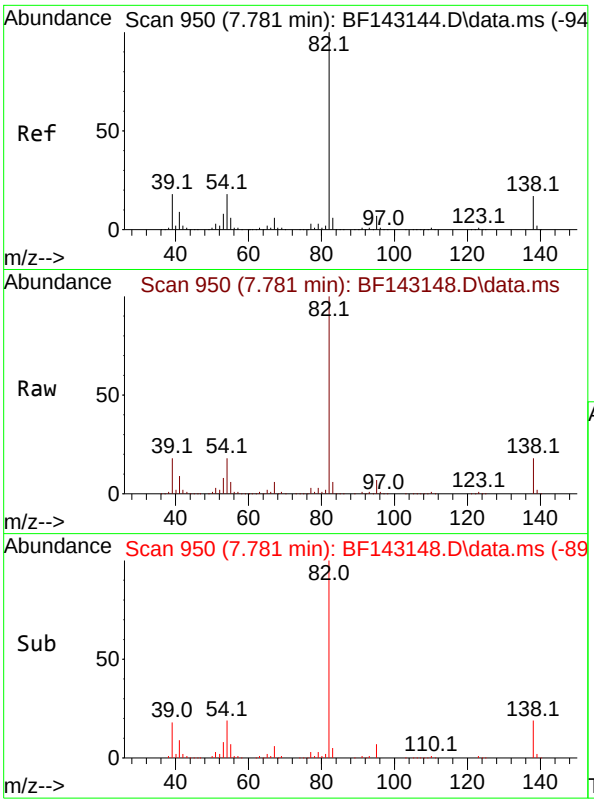


#24
Nitrobenzene
Concen: 41.731 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 436834

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.4	11.4	17.2



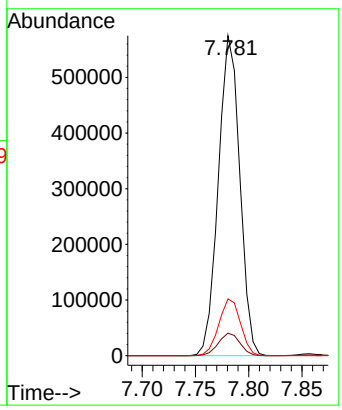


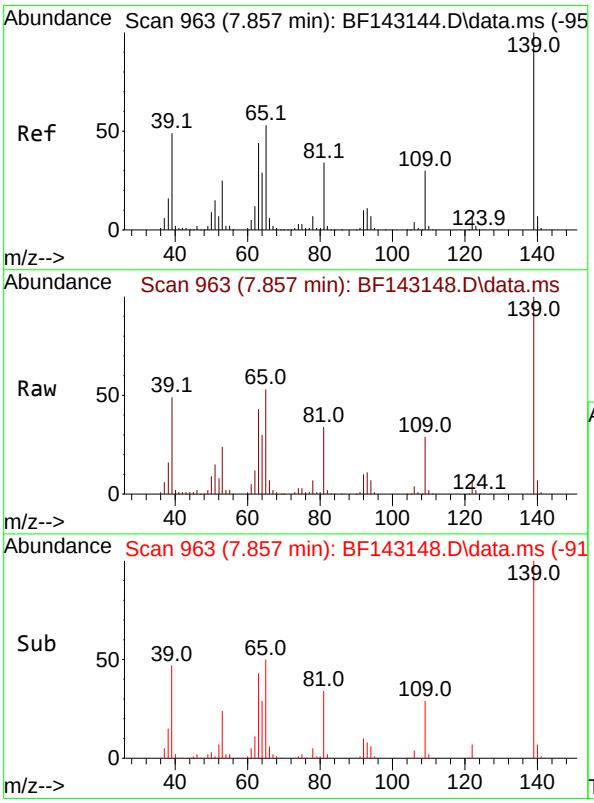
#25
Isophorone
Concen: 40.567 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 82 Resp: 804071

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.8	13.8	20.8

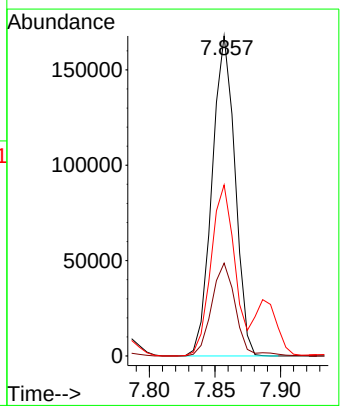


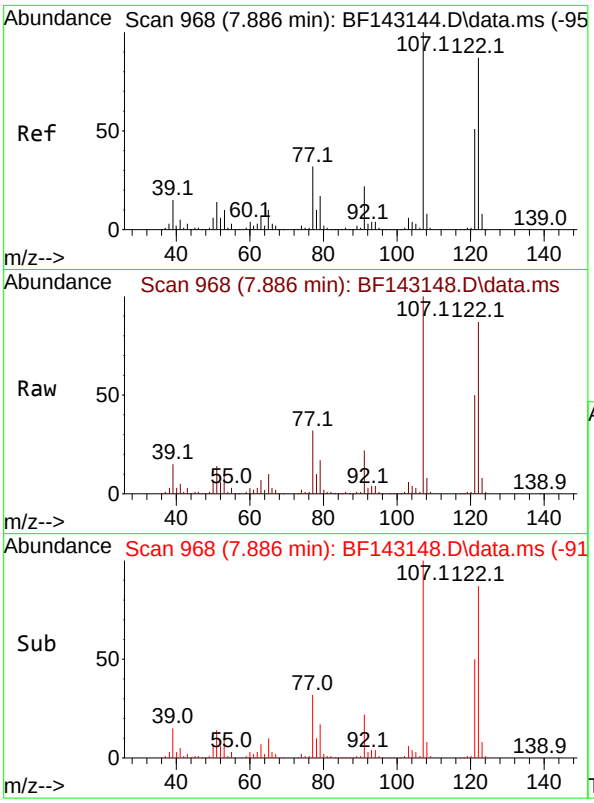


#26
2-Nitrophenol
Concen: 44.896 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 203967

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	53.4	42.6	64.0



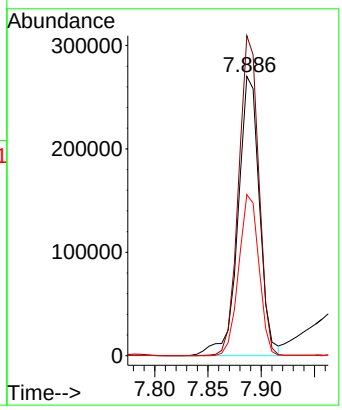


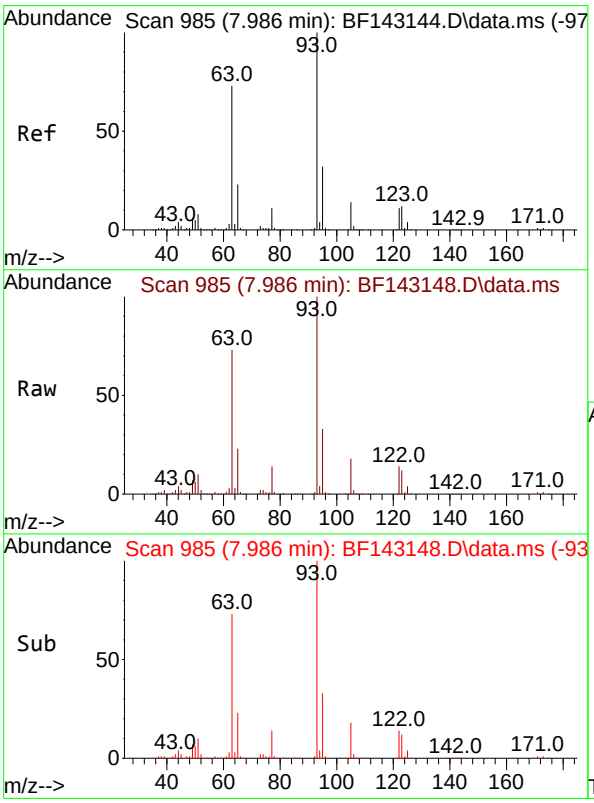
#27
2,4-Dimethylphenol
Concen: 40.773 ng
RT: 7.886 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:122 Resp: 377575

Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.8	137.6
121	57.7	46.3	69.5

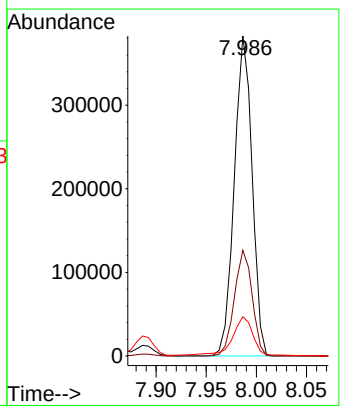


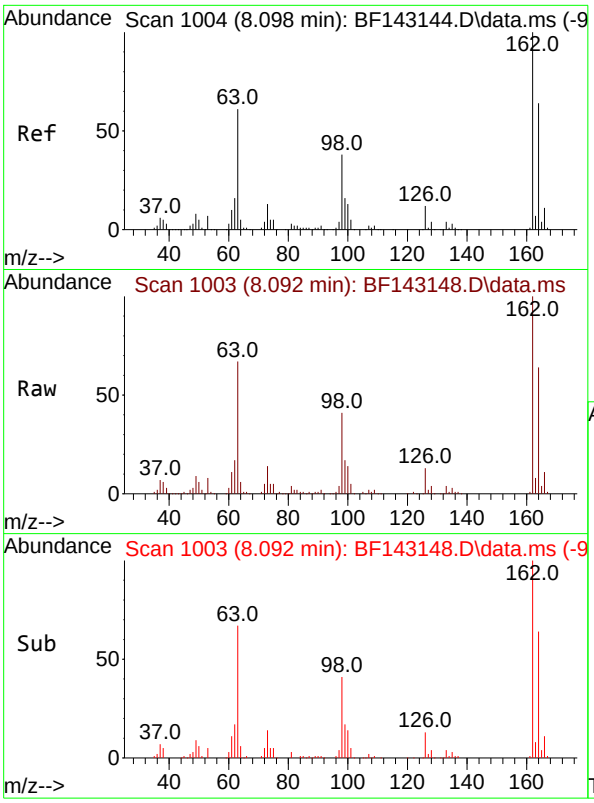


#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 474637

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.2	9.7	14.5



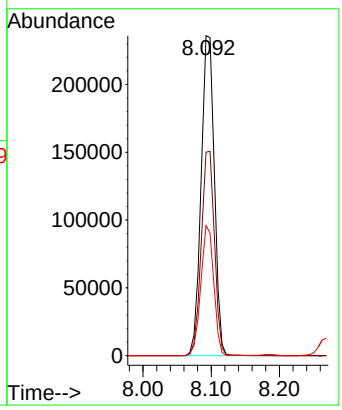


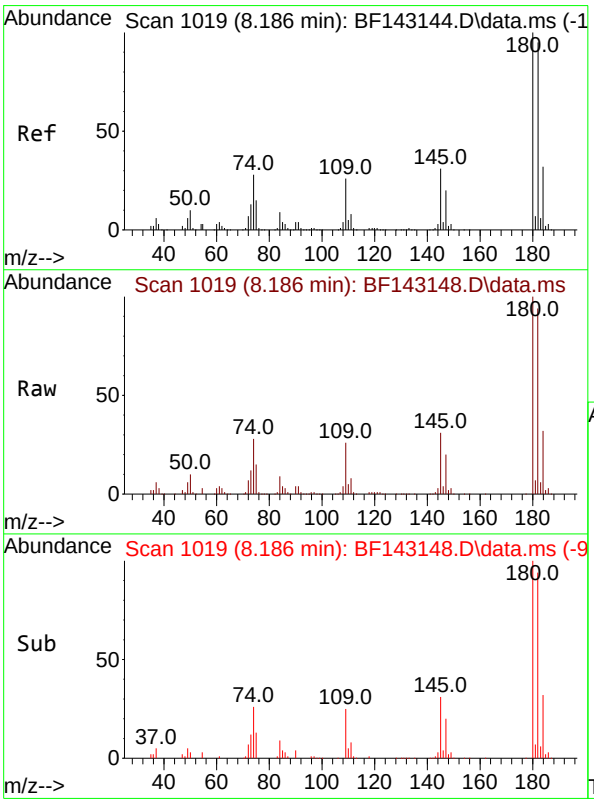
#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:162 Resp: 319216

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	40.7	17.9	57.9

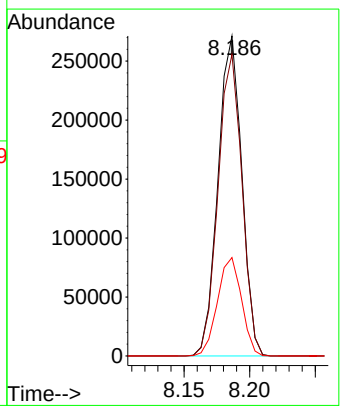


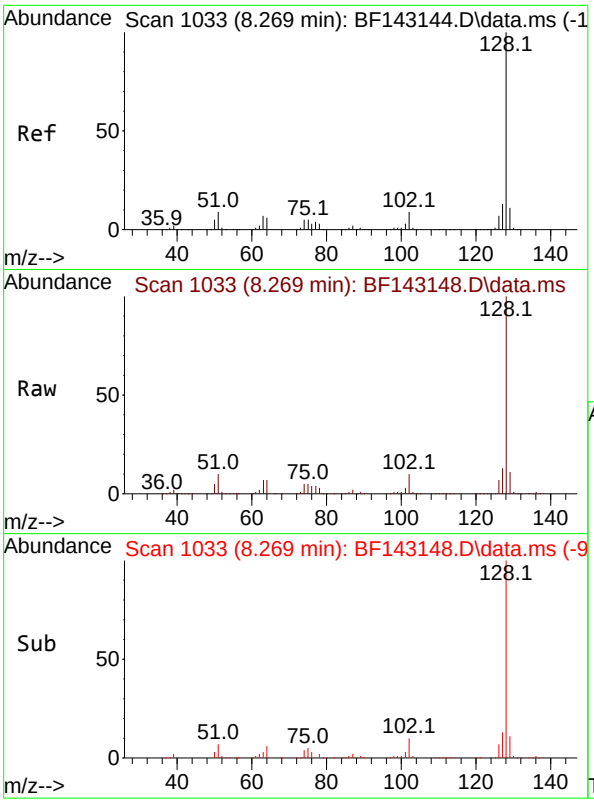


#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:180 Resp: 342135

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	30.8	25.0	37.6



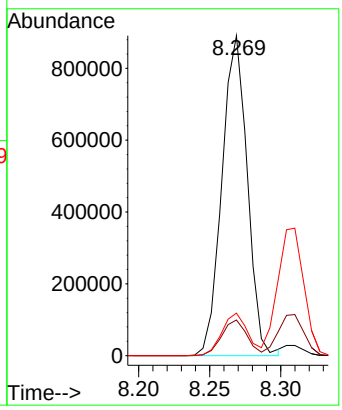


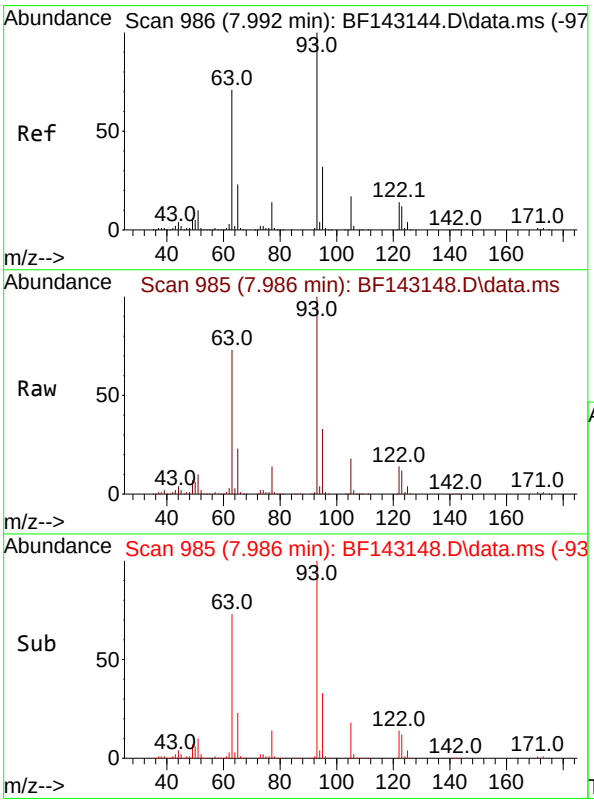
#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:128 Resp: 1106482

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.6	16.0

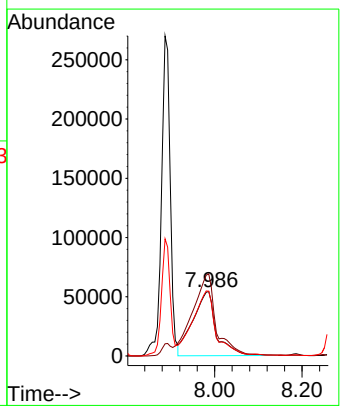


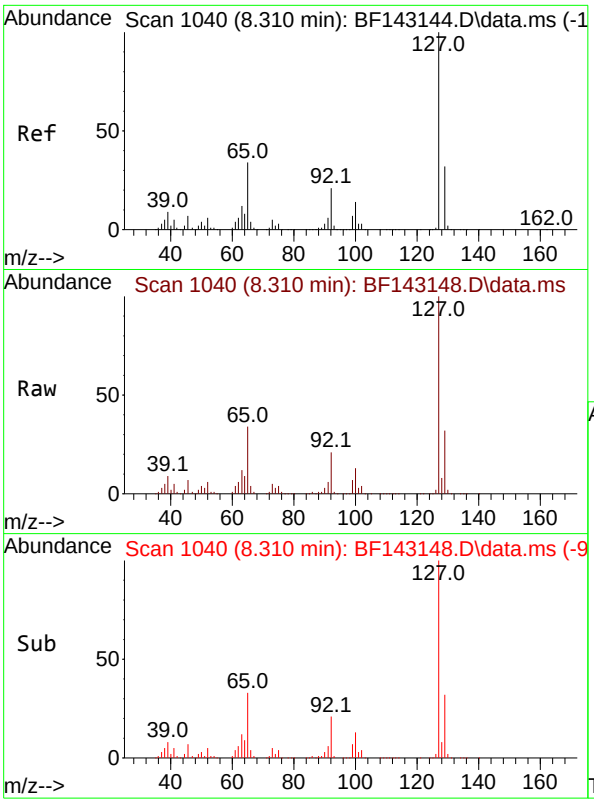


#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337

Ion	Ratio	Lower	Upper
122	100		
105	127.2	104.8	144.8
77	100.3	77.6	117.6



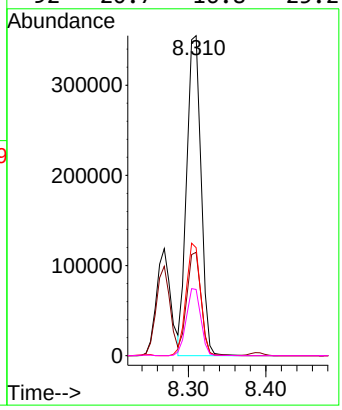


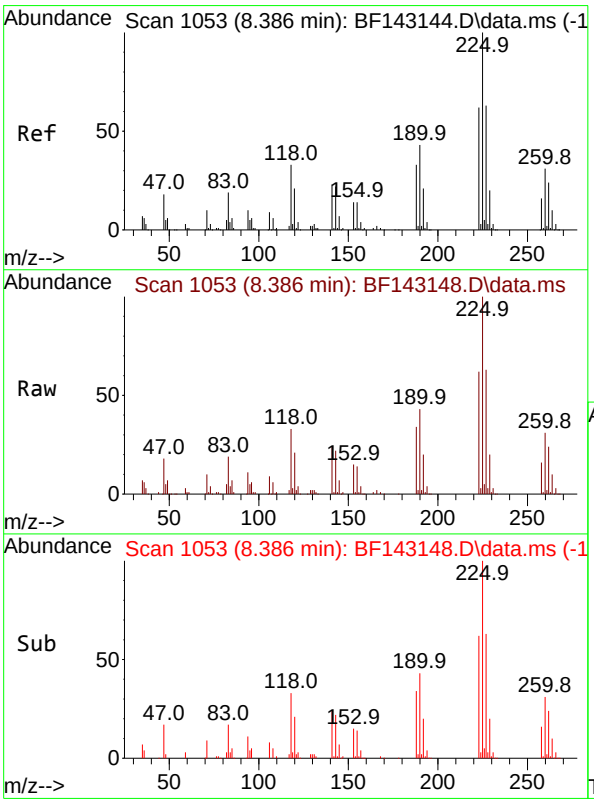
#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:127 Resp: 457742

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.8	27.4	41.2
92	20.7	16.8	25.2

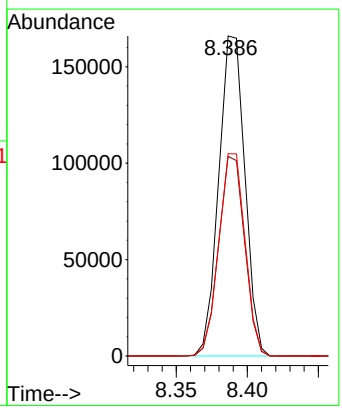


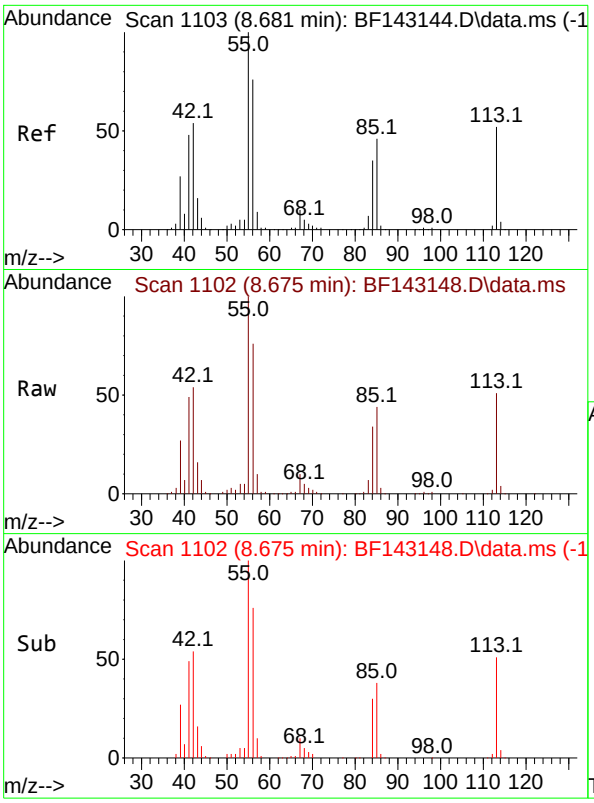


#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:225 Resp: 212781

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	63.2	50.2	75.4



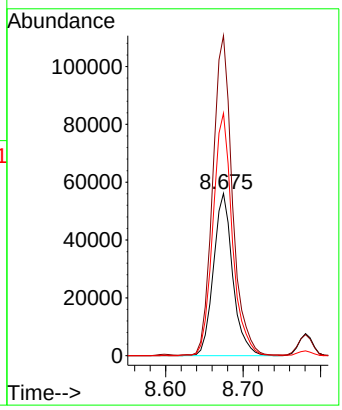


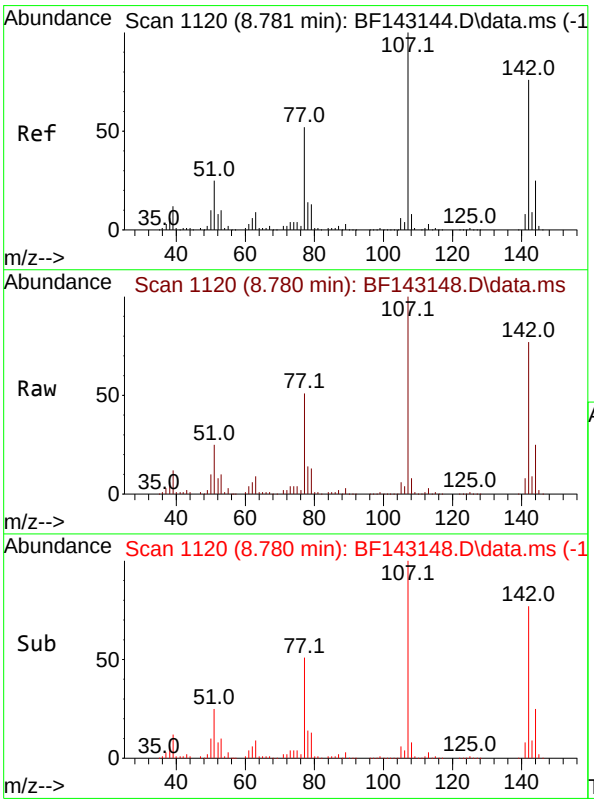
#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:113 Resp: 96661

Ion	Ratio	Lower	Upper
113	100		
55	197.3	174.0	214.0
56	149.4	126.6	166.6

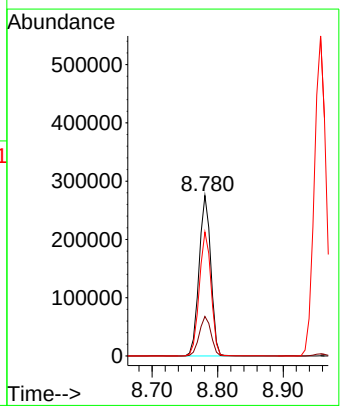


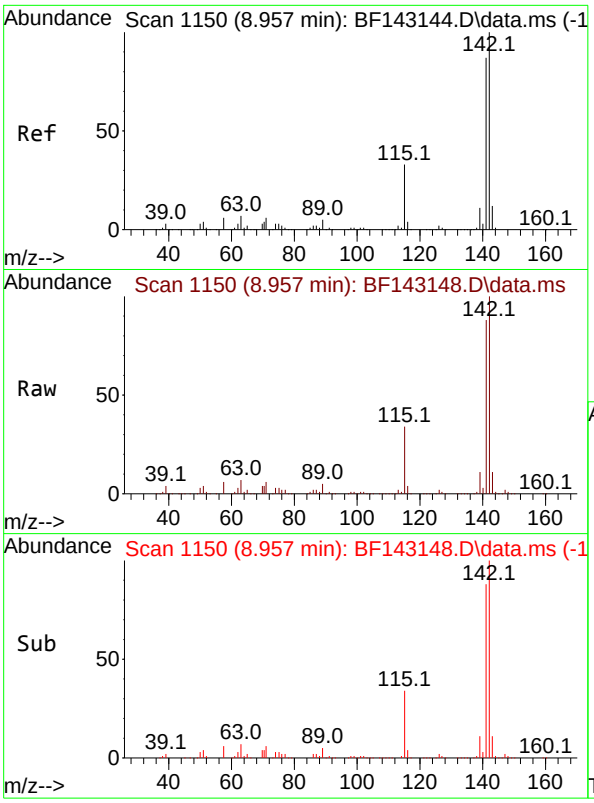


#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 344726

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	77.3	60.6	90.8



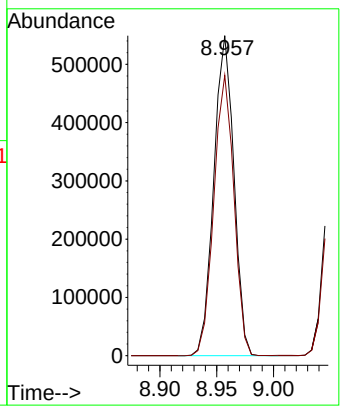


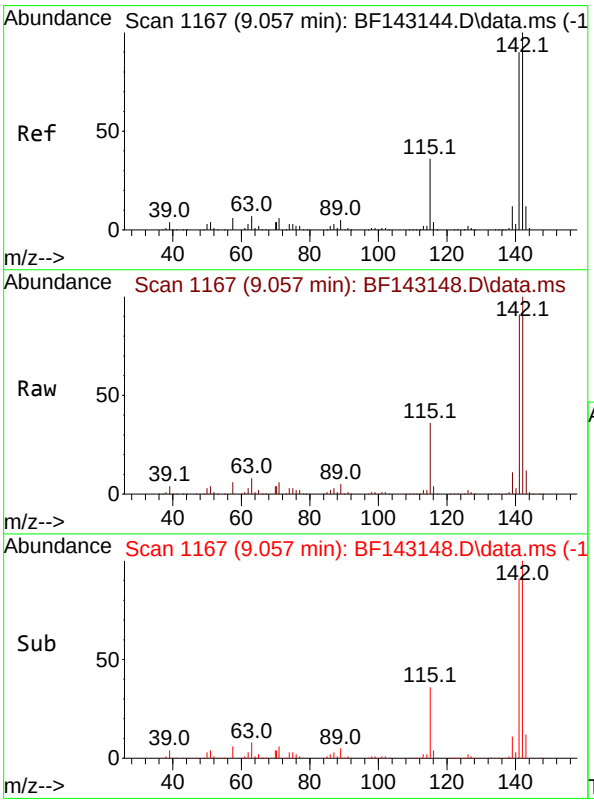
#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:142 Resp: 675594

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9

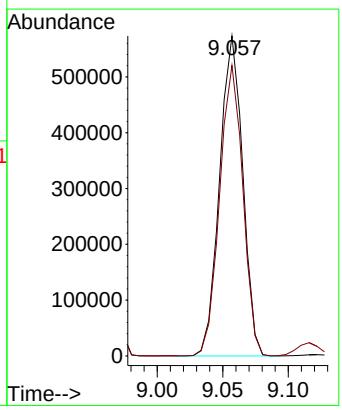


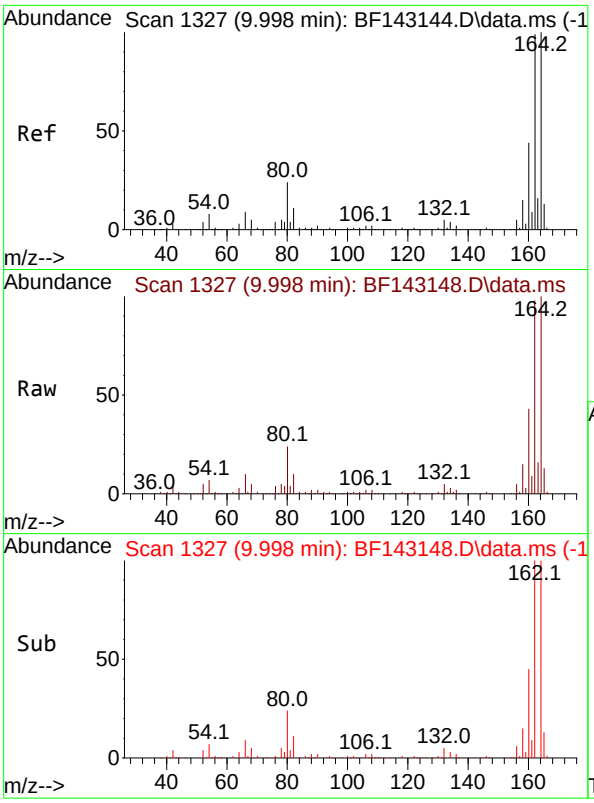


#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5



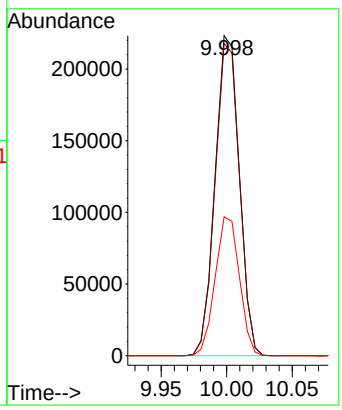


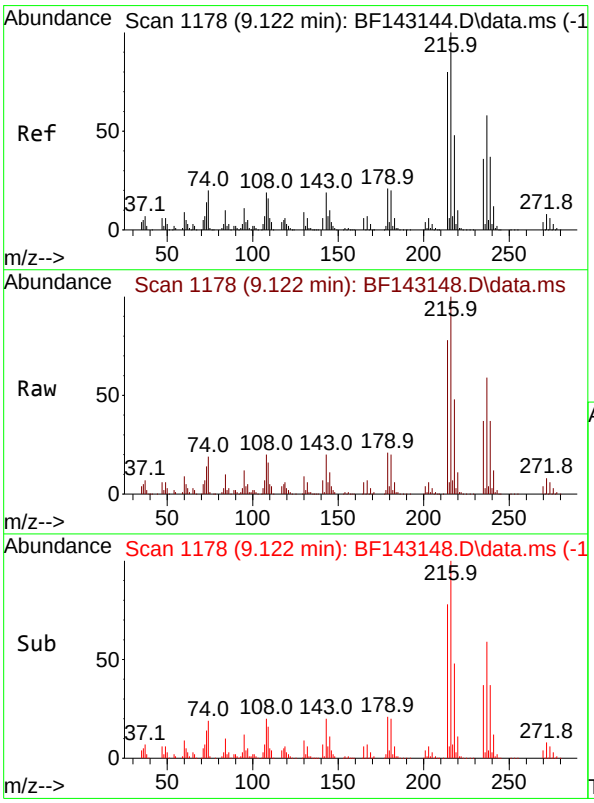
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:164 Resp: 287255

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.4	35.1	52.7

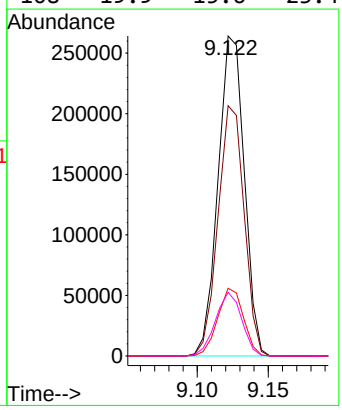


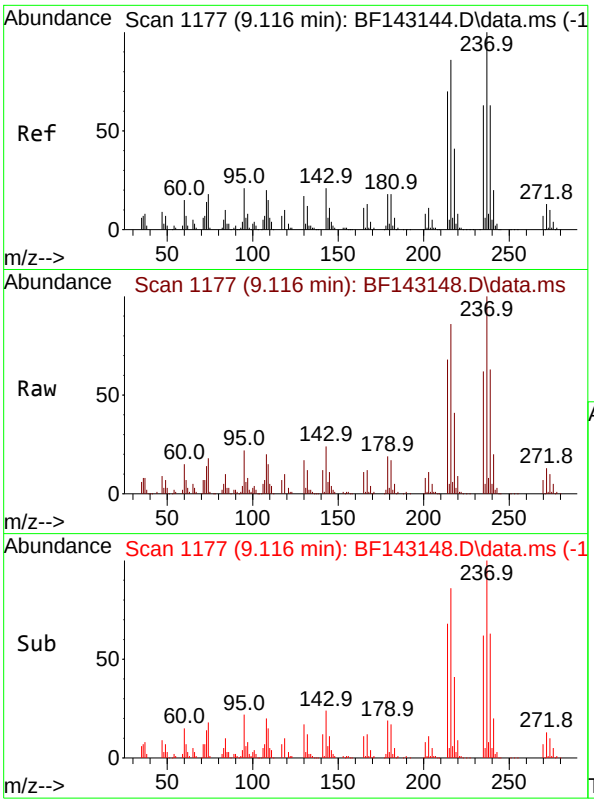


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.944 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:216 Resp: 339567

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.8
179	20.8	16.4	24.6
108	19.9	15.6	23.4



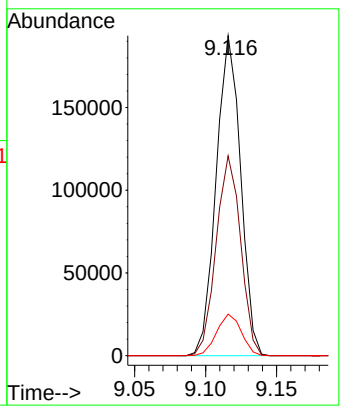


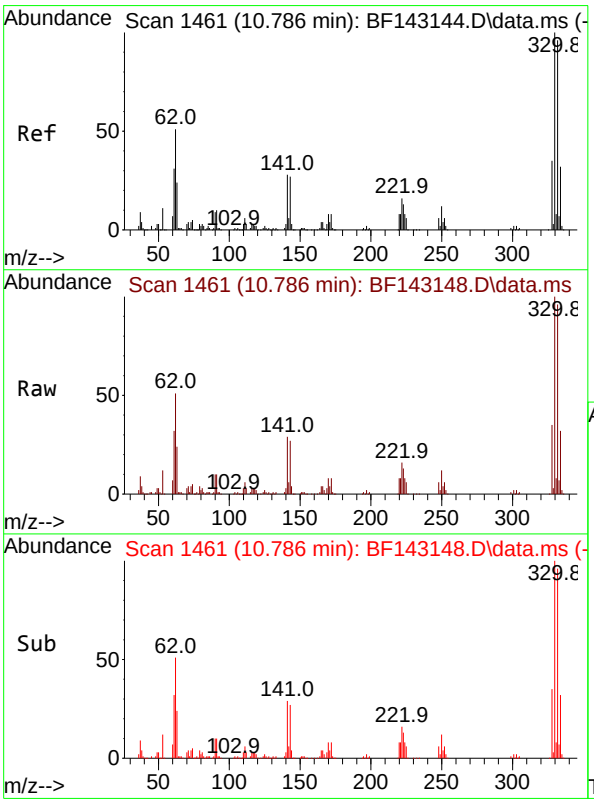
#41
Hexachlorocyclopentadiene
Concen: 42.872 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:237 Resp: 231349

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.0	83.0
272	13.0	0.0	33.3

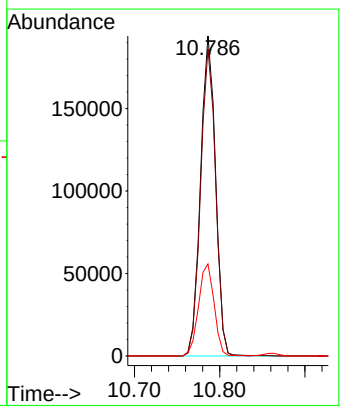


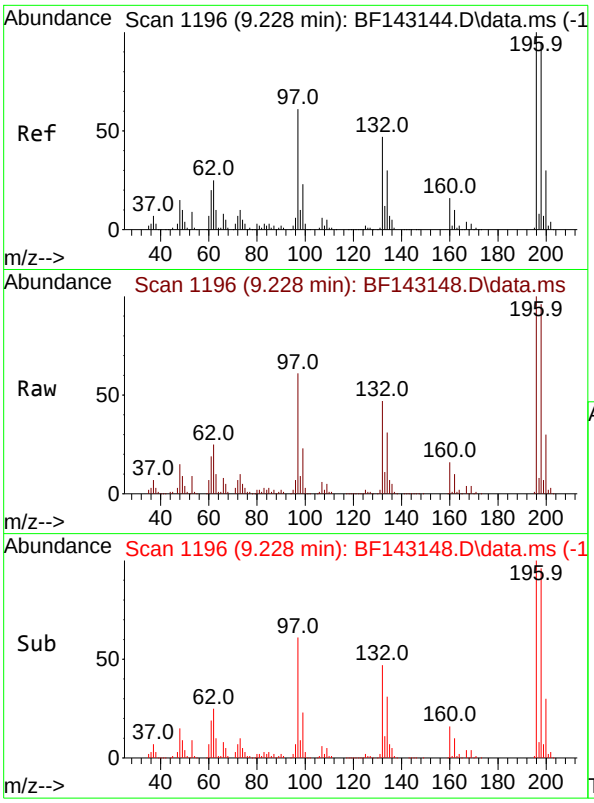


#42
2,4,6-Tribromophenol
Concen: 79.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:330 Resp: 237309

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	29.8	23.3	34.9



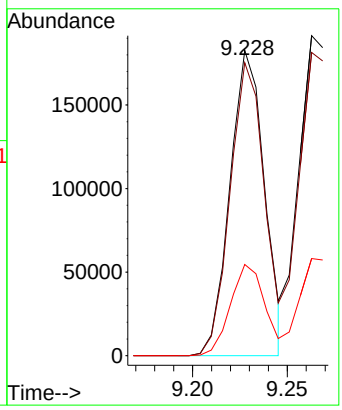


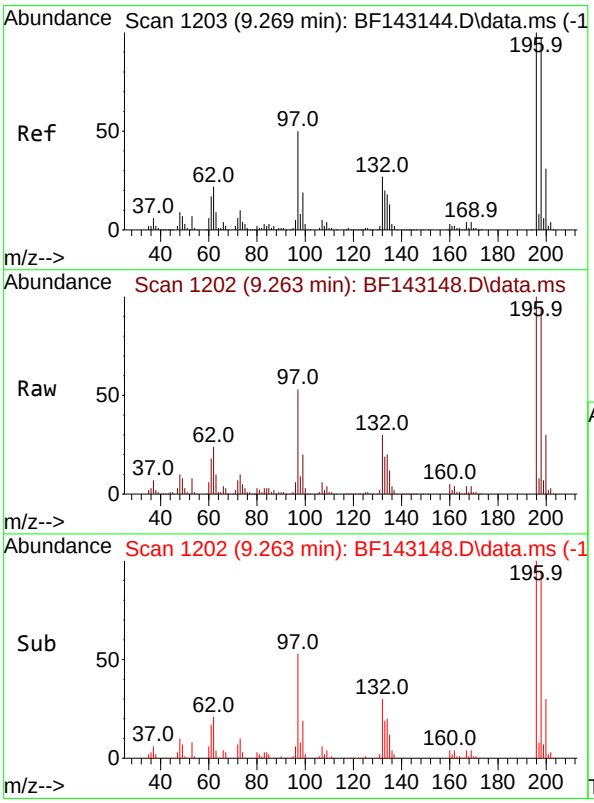
#43
2,4,6-Trichlorophenol
Concen: 40.253 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:196 Resp: 231043

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	29.9	23.9	35.9

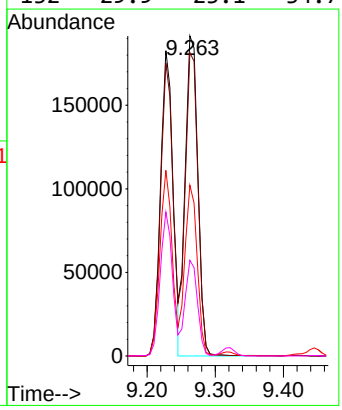


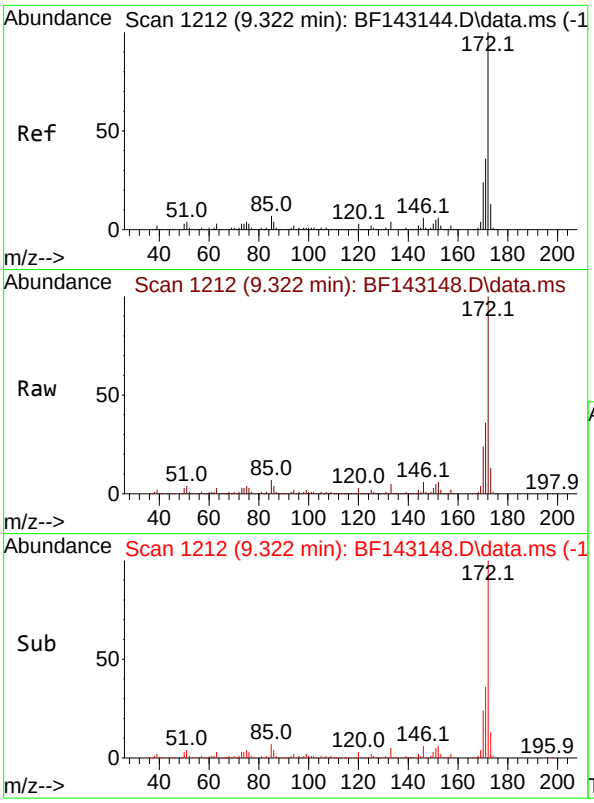


#44
2,4,5-Trichlorophenol
Concen: 42.989 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.3	40.3	60.5
132	29.9	23.1	34.7



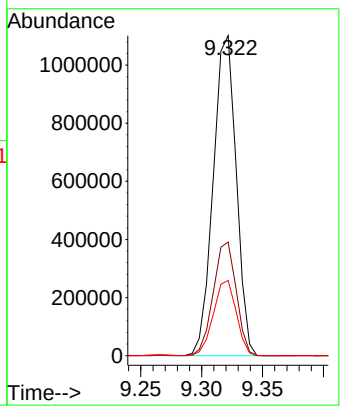


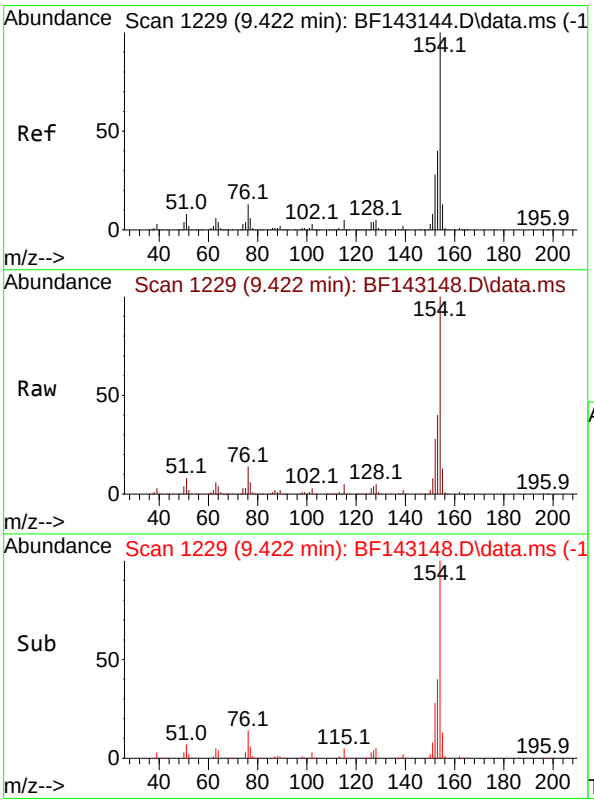
#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:172 Resp: 1449098

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.5	18.8	28.2

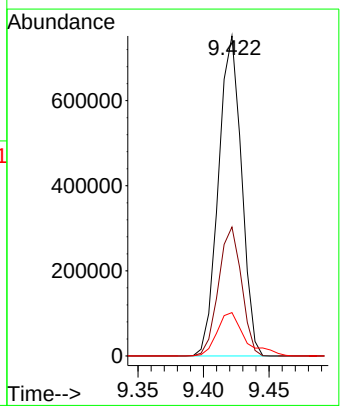


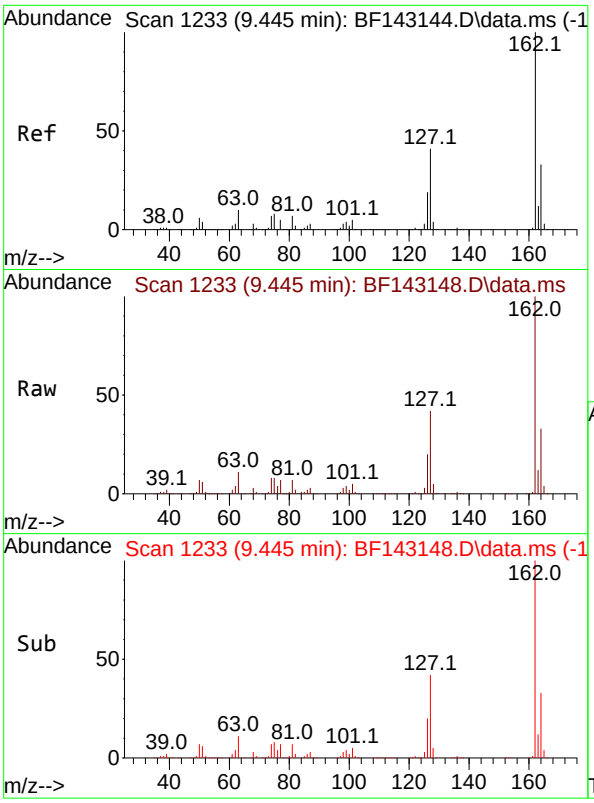


#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 920059

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.5	0.0	33.3



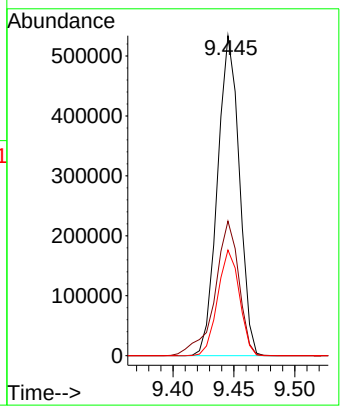


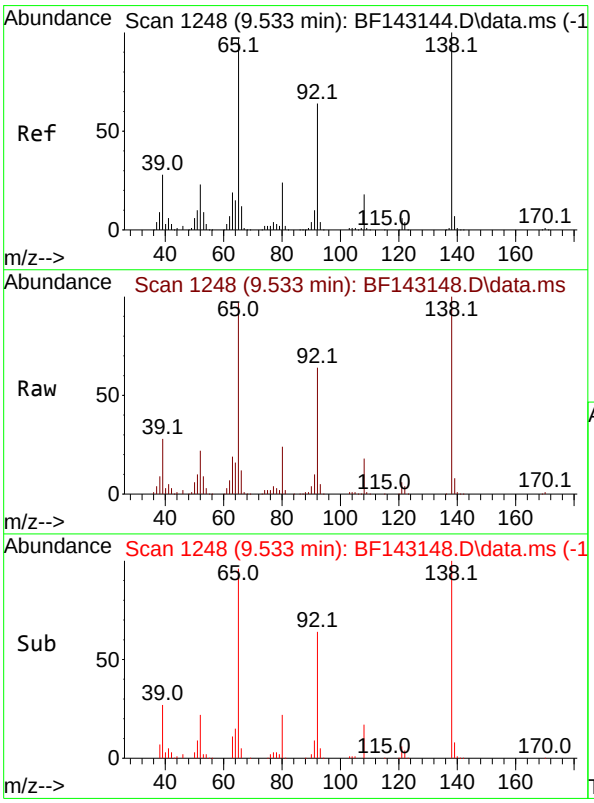
#47
2-Chloronaphthalene
Concen: 40.184 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:162 Resp: 666359

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	33.0	26.2	39.2

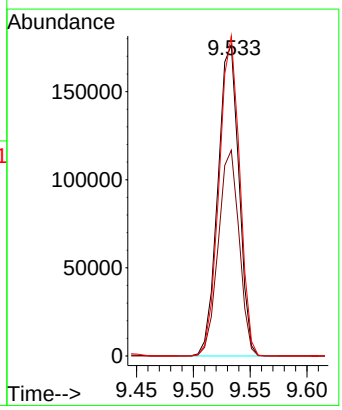


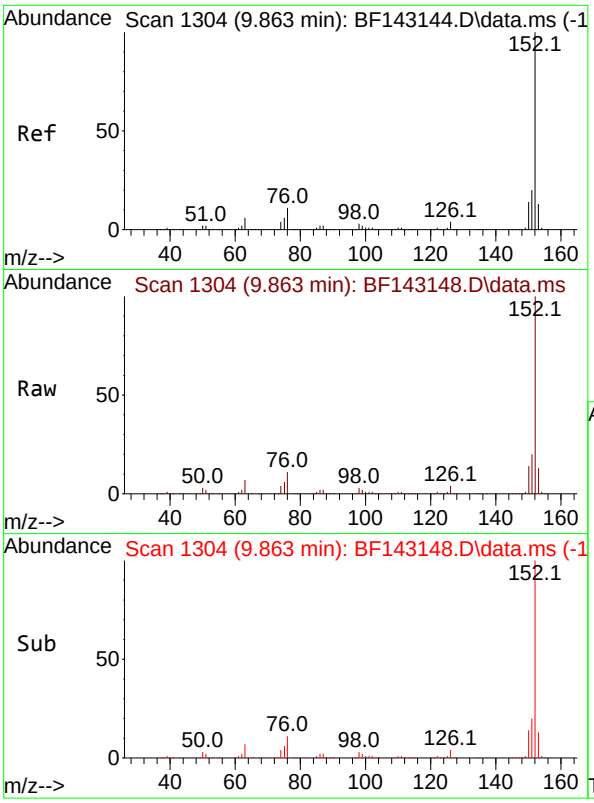


#48
2-Nitroaniline
Concen: 43.723 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 65 Resp: 227376

Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.4	78.6
138	102.9	82.3	123.5



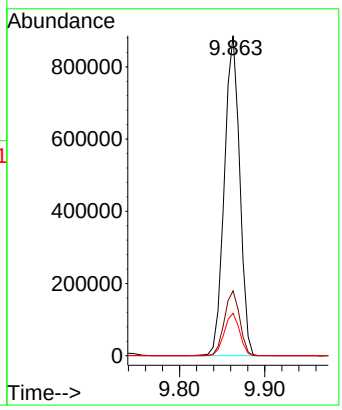


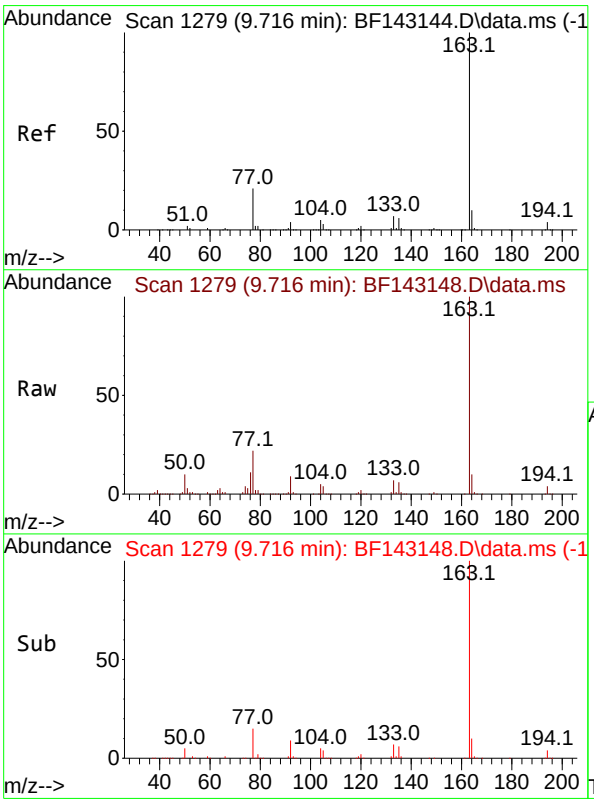
#49
Acenaphthylene
Concen: 40.013 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:152 Resp: 1111992

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0

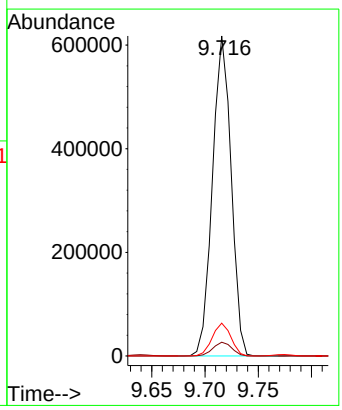


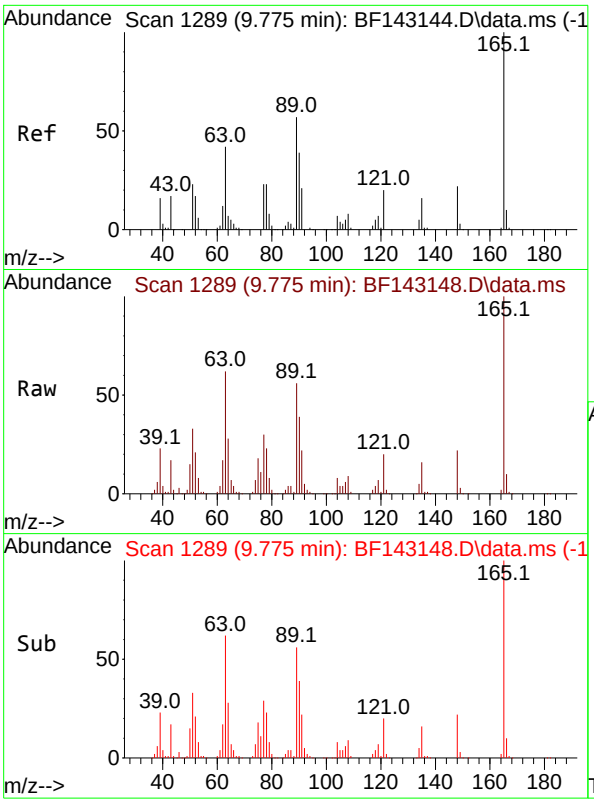


#50
Dimethylphthalate
Concen: 40.218 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:163 Resp: 753041

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.3	12.5



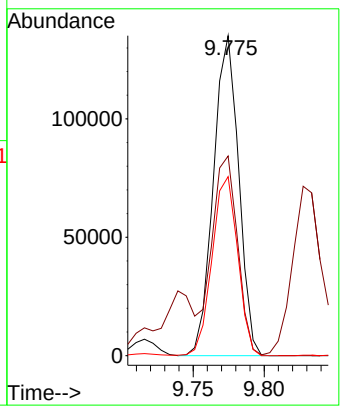


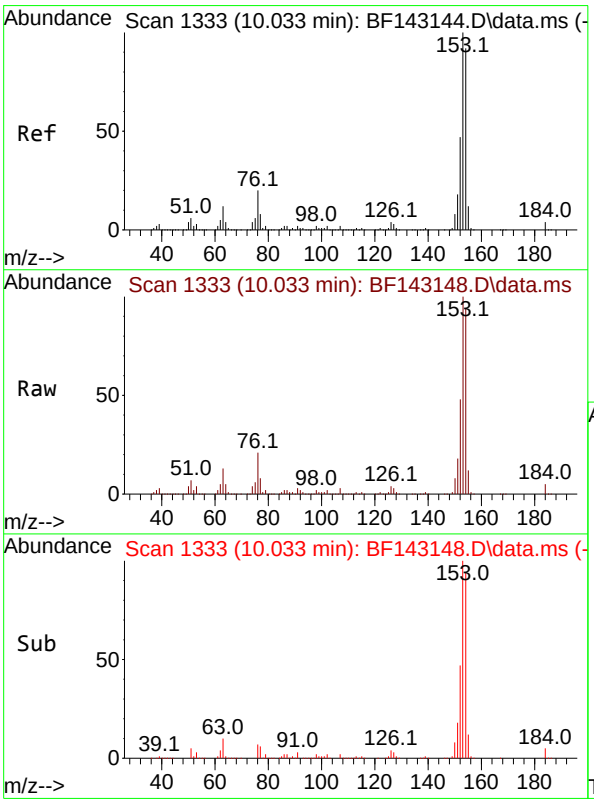
#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:165 Resp: 166911

Ion	Ratio	Lower	Upper
165	100		
63	62.4	49.4	74.2
89	56.0	46.2	69.2

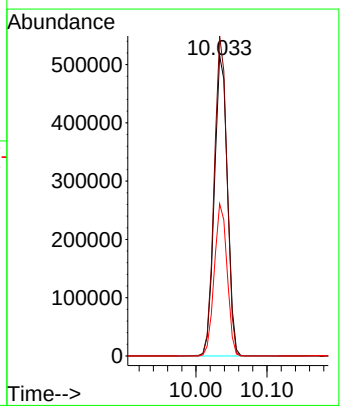


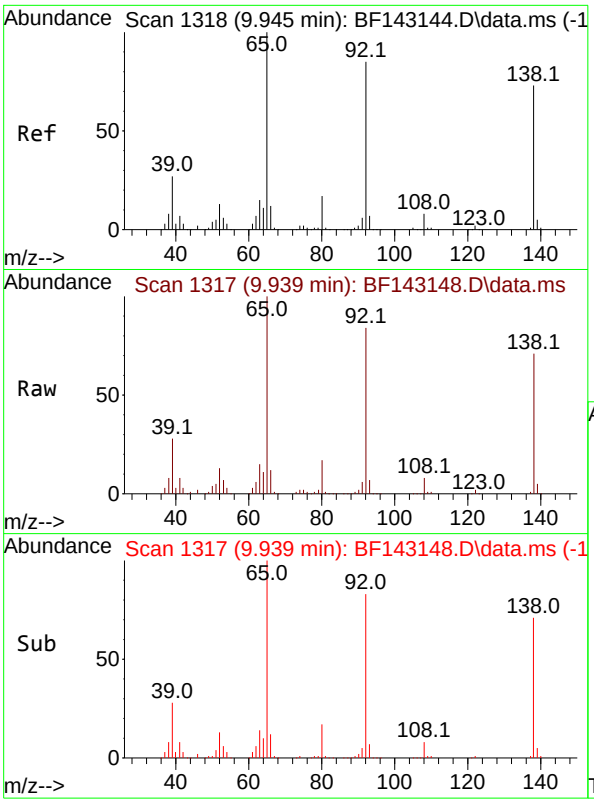


#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908

Ion	Ratio	Lower	Upper
154	100		
153	106.6	86.6	129.8
152	50.7	40.4	60.6



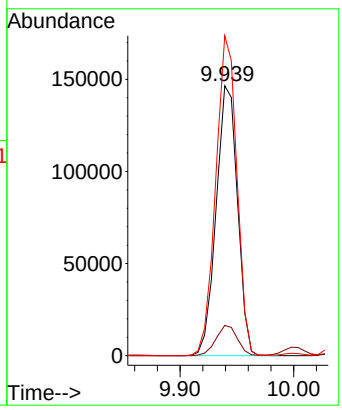


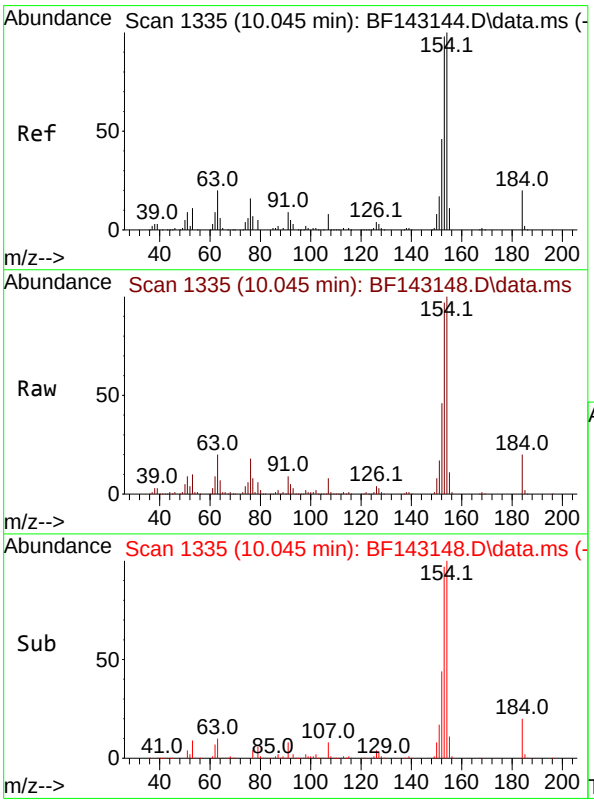
#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:138 Resp: 191512

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.6
92	118.6	93.0	139.4

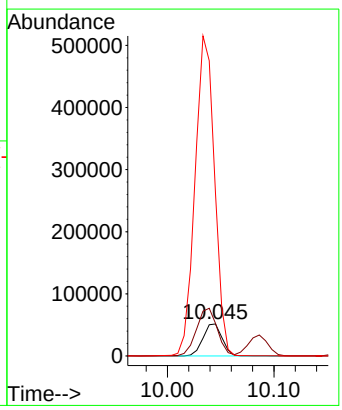


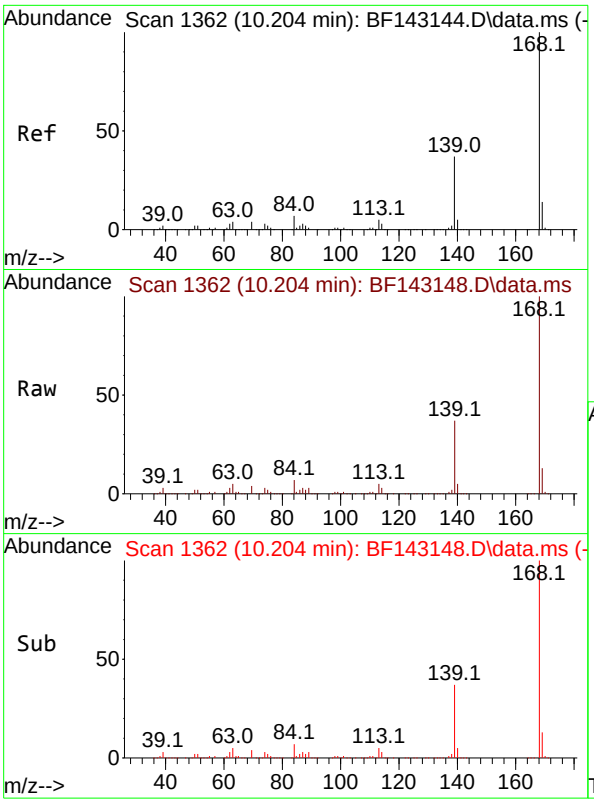


#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 64659

Ion	Ratio	Lower	Upper
184	100		
63	102.3	81.8	122.6
154	509.4	412.2	618.4



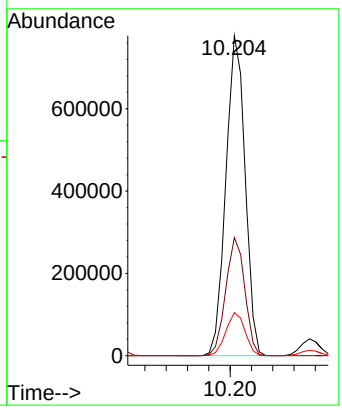


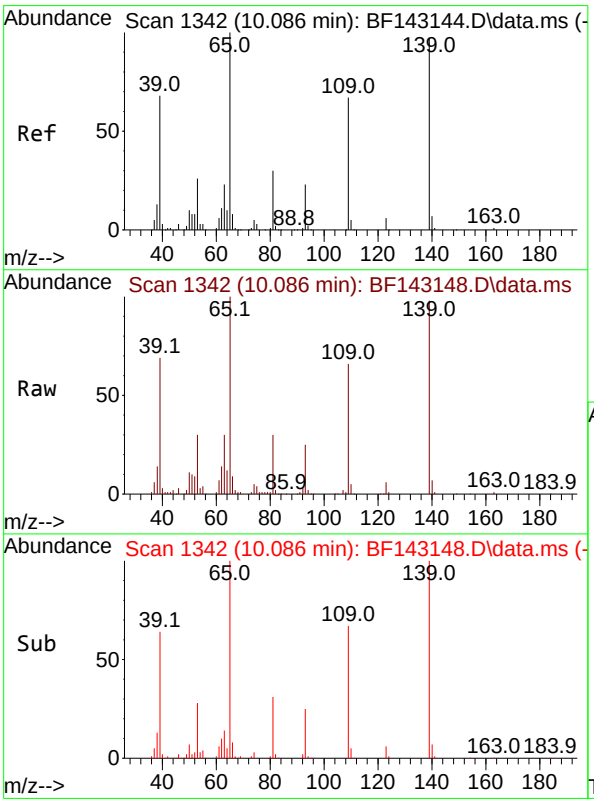
#55
Dibenzofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:168 Resp: 974991

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.5	10.9	16.3

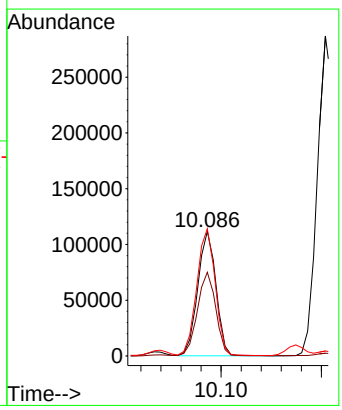


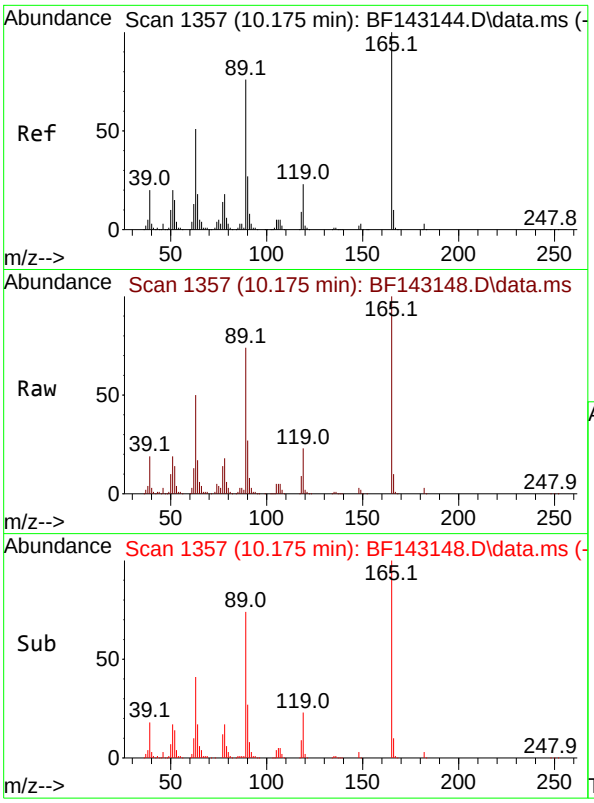


#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 140876

Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.5	88.5
65	102.1	83.4	123.4



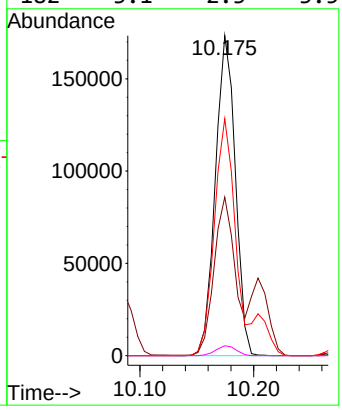


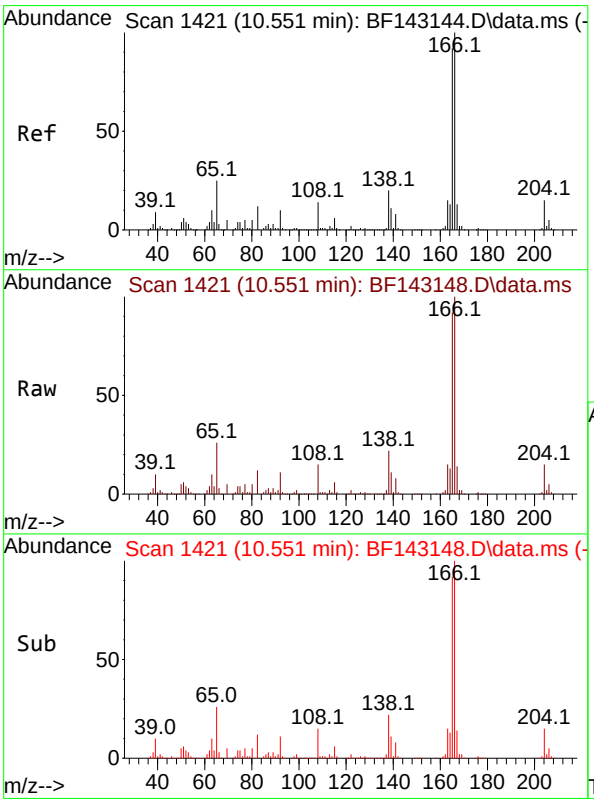
#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:165 Resp: 212369

Ion	Ratio	Lower	Upper
165	100		
63	49.5	41.0	61.4
89	74.0	61.1	91.7
182	3.1	2.3	3.5

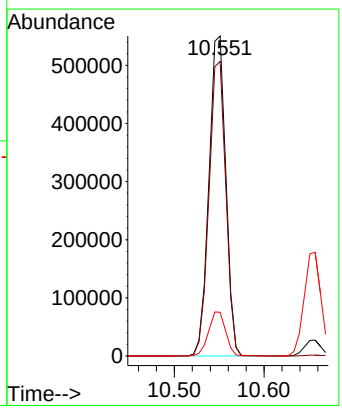


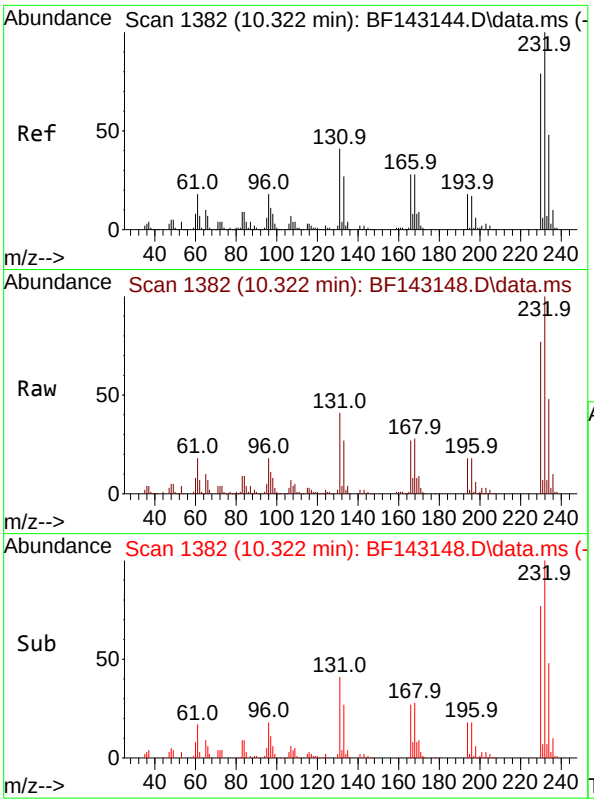


#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:166 Resp: 717816

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.7	10.6	16.0



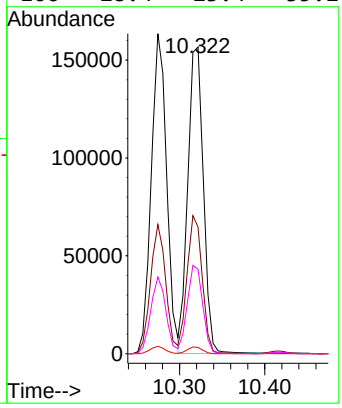


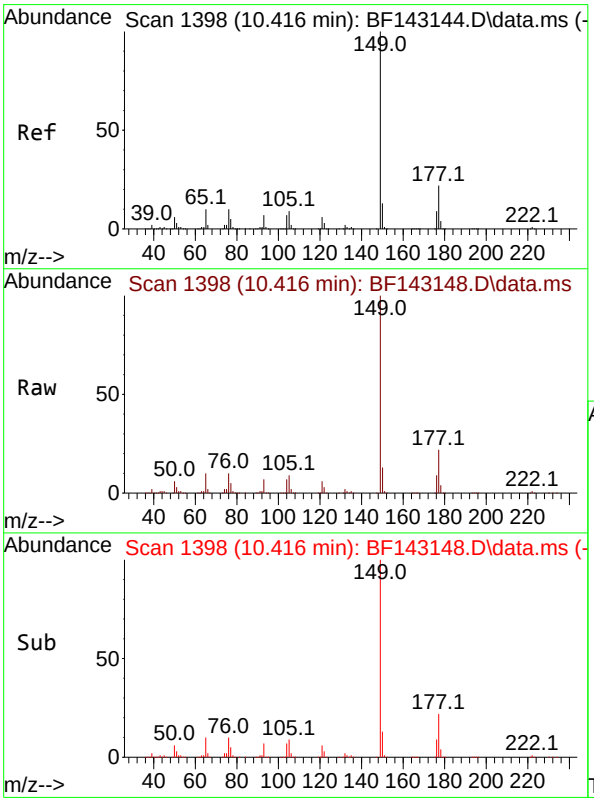
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:232 Resp: 198530

Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.3	52.9
130	2.1	1.7	2.5
166	28.4	23.4	35.2

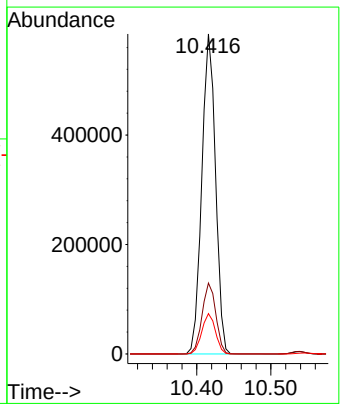


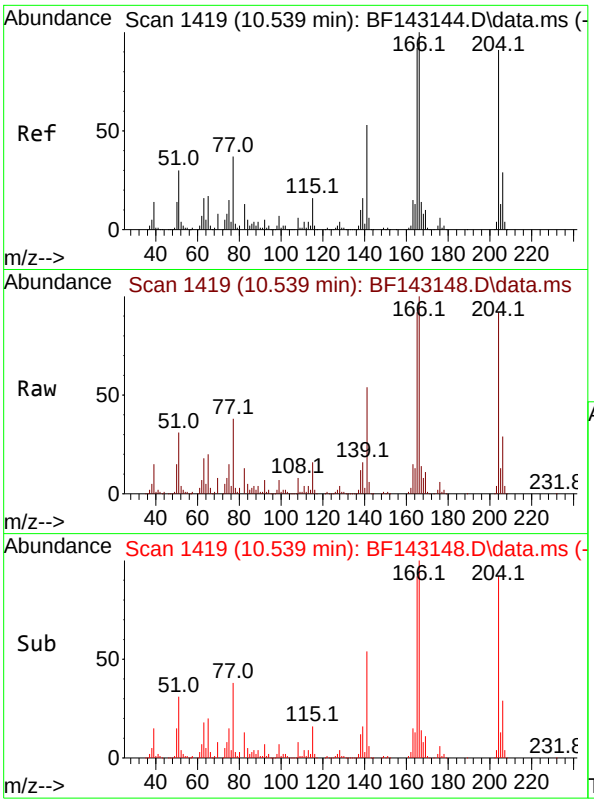


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 753774

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2



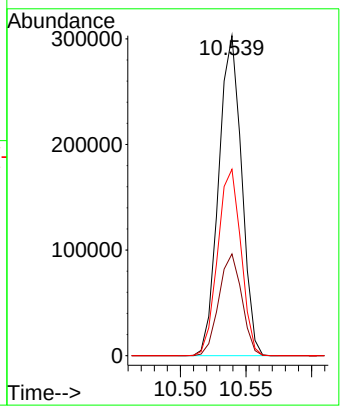


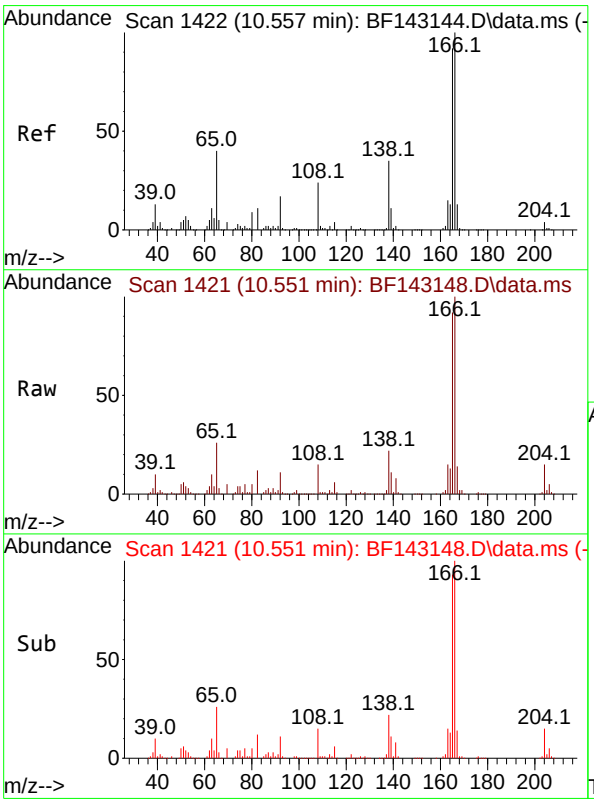
#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:204 Resp: 367981

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	58.3	47.0	70.4

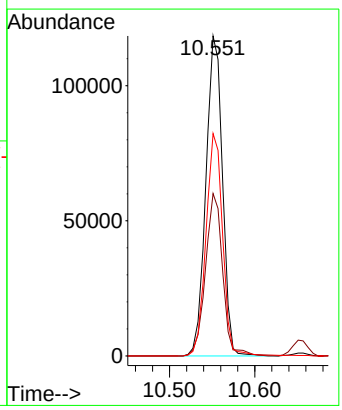


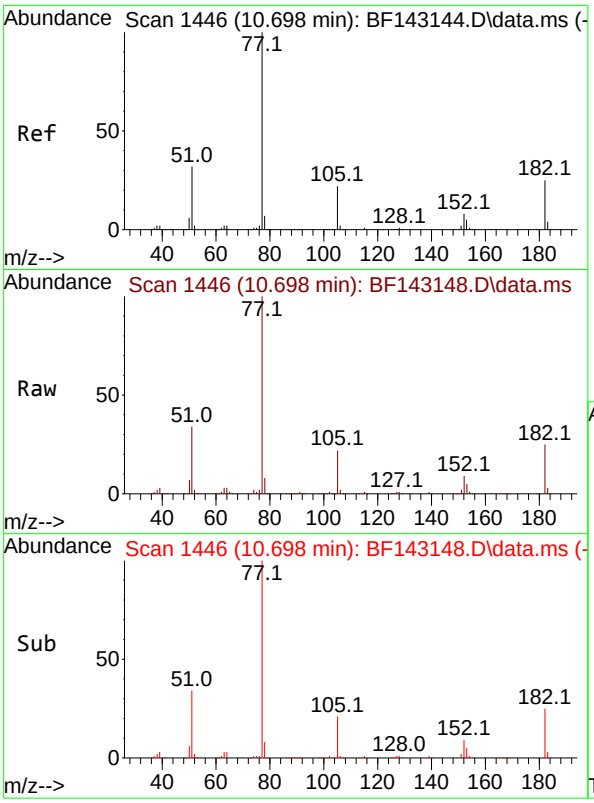


#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 160193

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.5	48.3	88.3



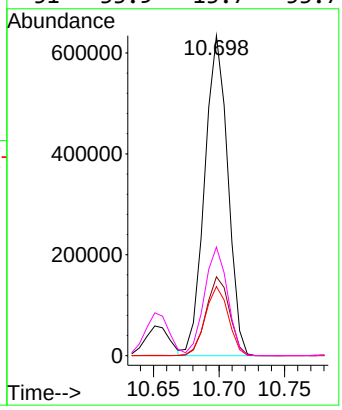


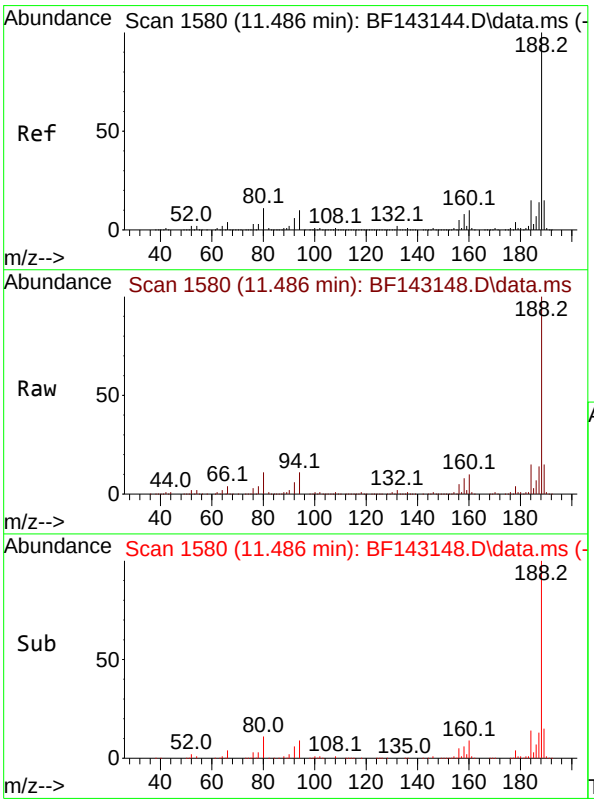
#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 77 Resp: 779524

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.6	1.4	41.4
51	33.9	13.7	53.7

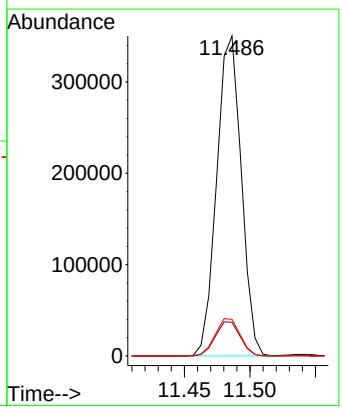


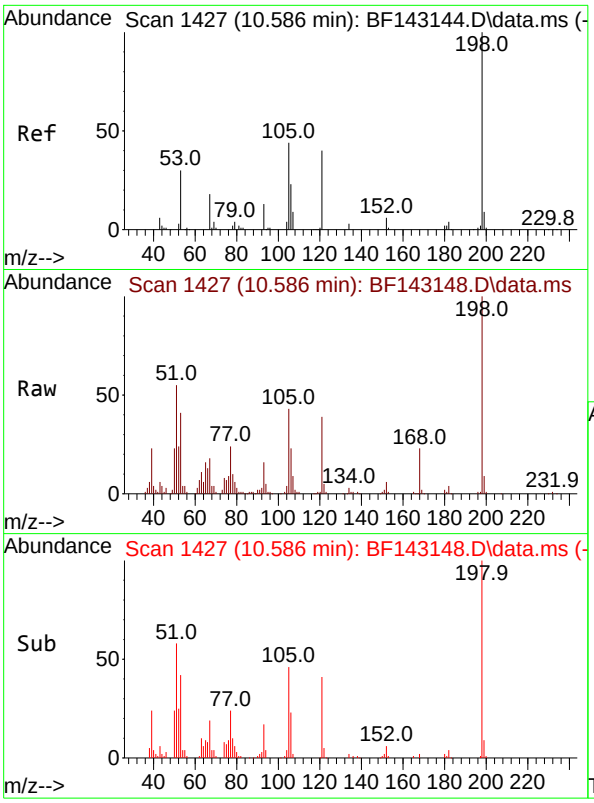


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:188 Resp: 457098

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.4	9.0	13.6



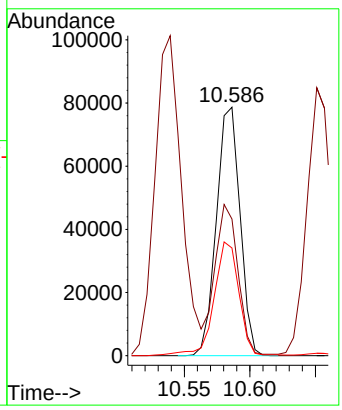


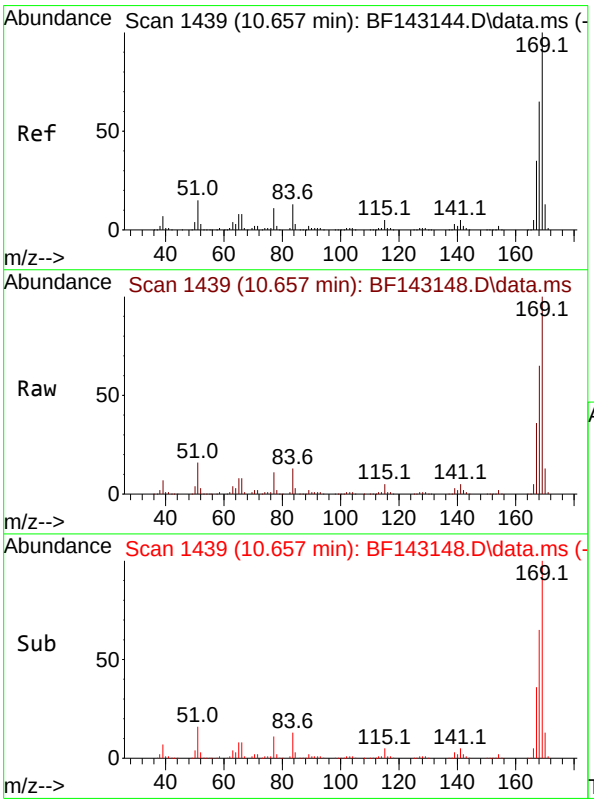
#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:198 Resp: 98462

Ion	Ratio	Lower	Upper
198	100		
51	55.0	37.2	77.2
105	43.3	24.8	64.8

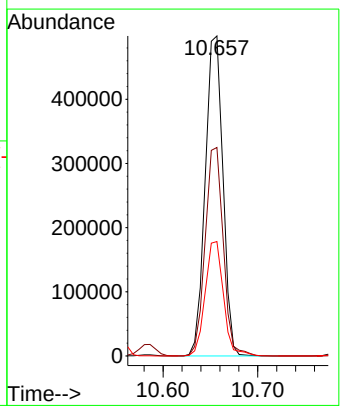


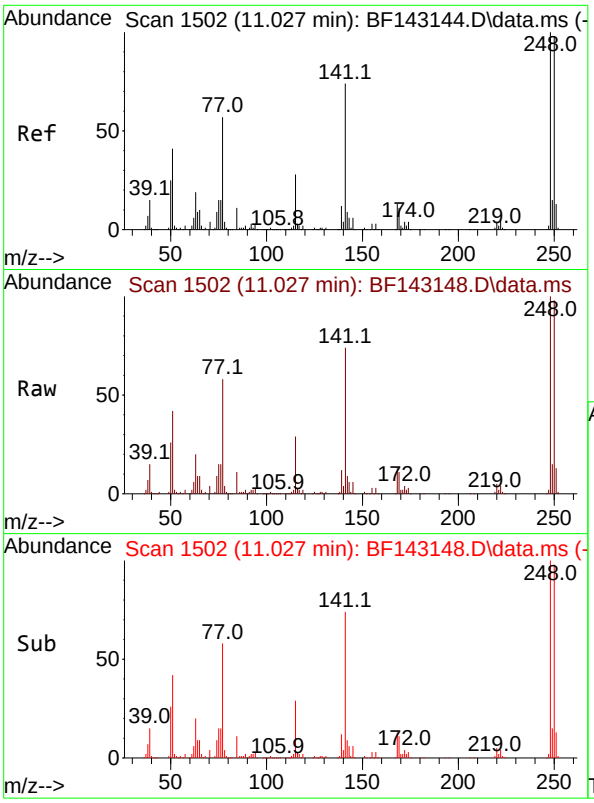


#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:169 Resp: 647855

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.8	28.2	42.2



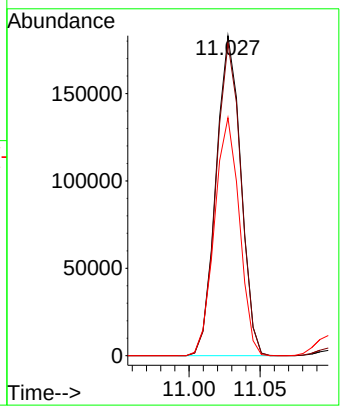


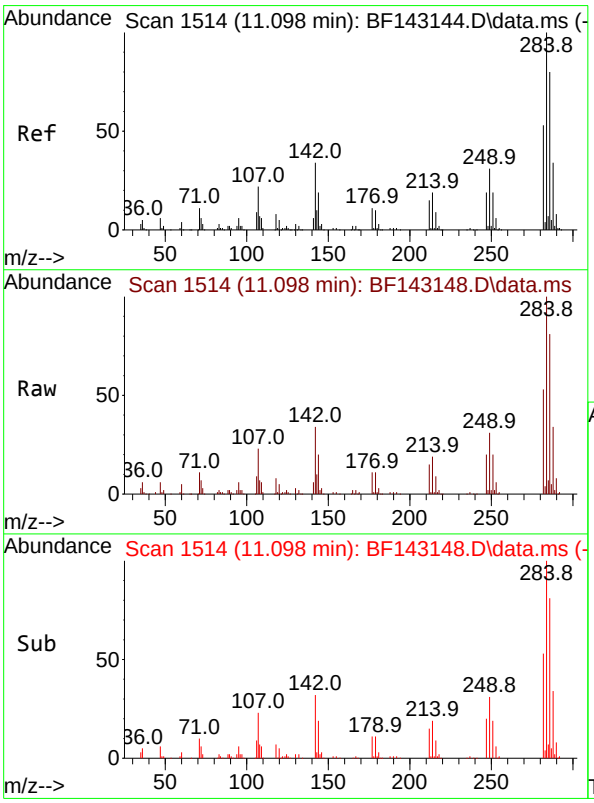
#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:248 Resp: 222405

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	74.3	59.2	88.8

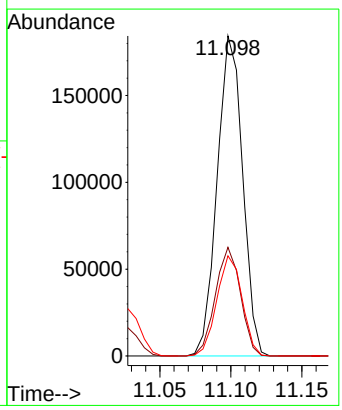


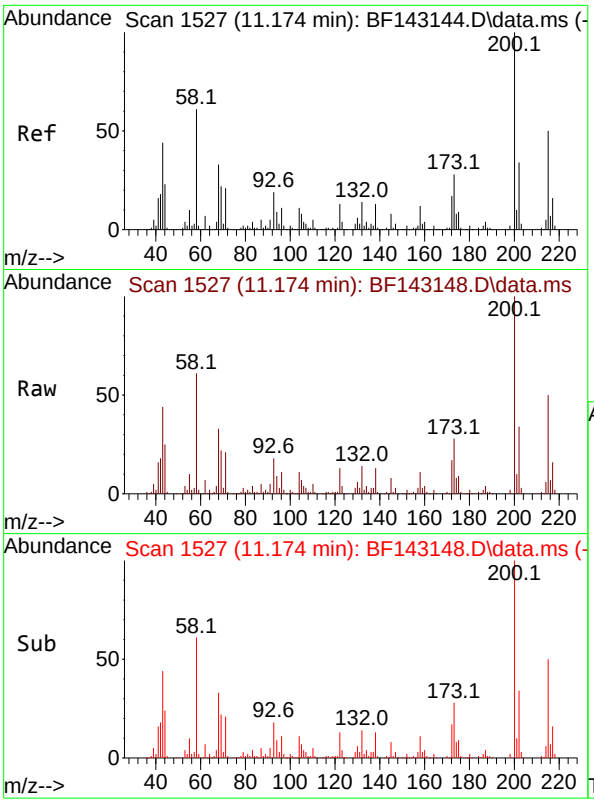


#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:284 Resp: 229272

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	31.3	25.0	37.6



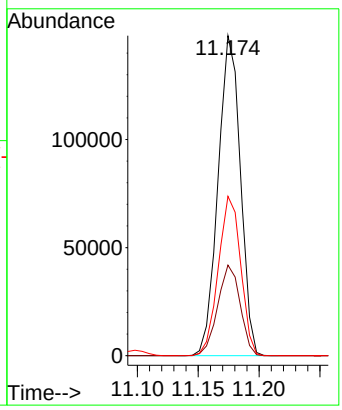


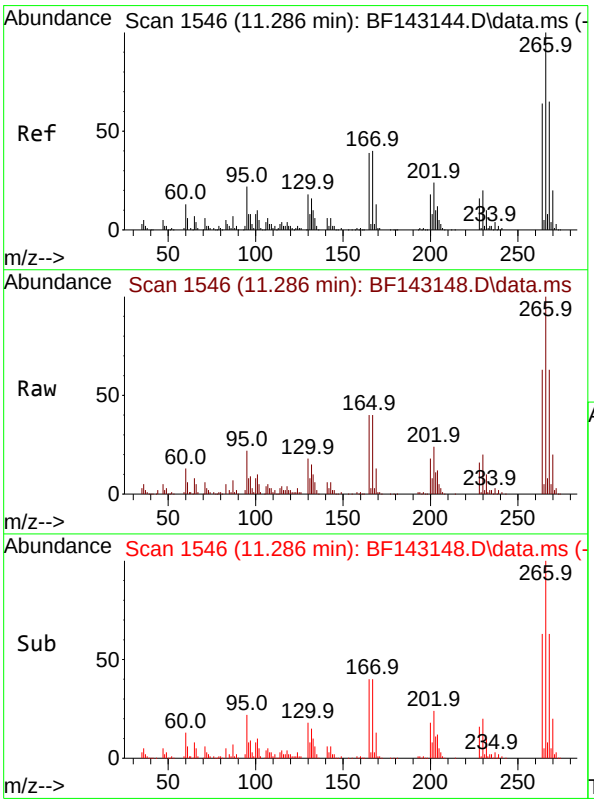
#69
Atrazine
Concen: 42.615 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:200 Resp: 189104

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1

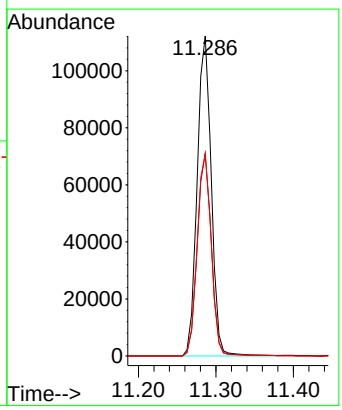


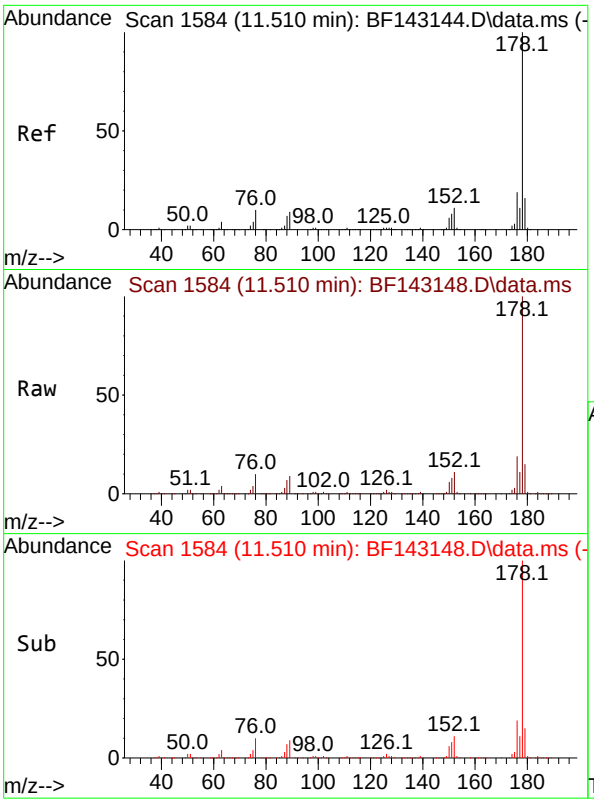


#70
Pentachlorophenol
Concen: 42.292 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:266 Resp: 141608

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	63.3	51.0	76.6



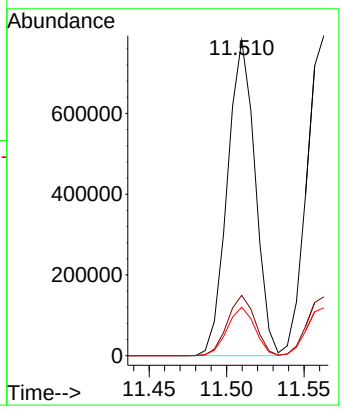


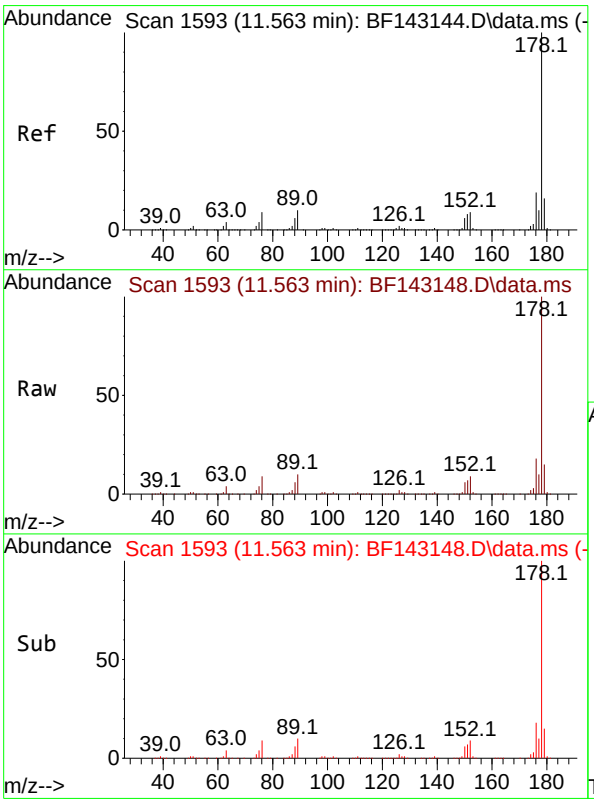
#71
Phenanthrene
Concen: 40.026 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:178 Resp: 971448

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.5	18.7

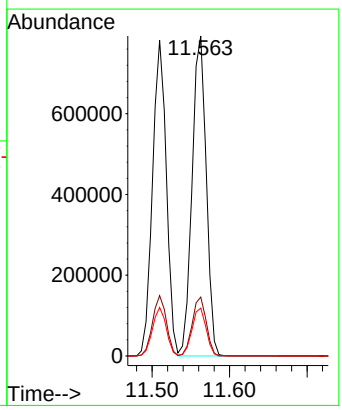


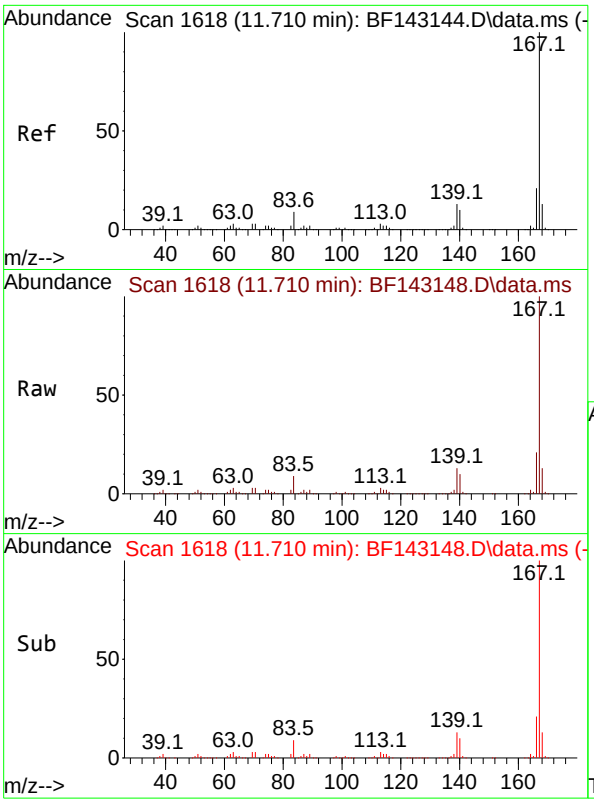


#72
Anthracene
Concen: 40.557 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 1003925

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.0	12.5	18.7



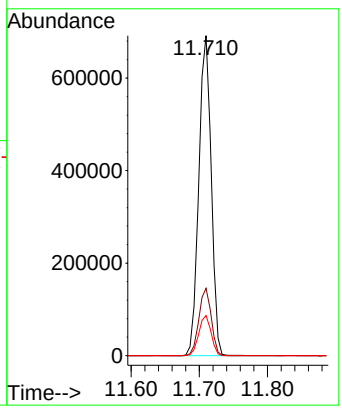


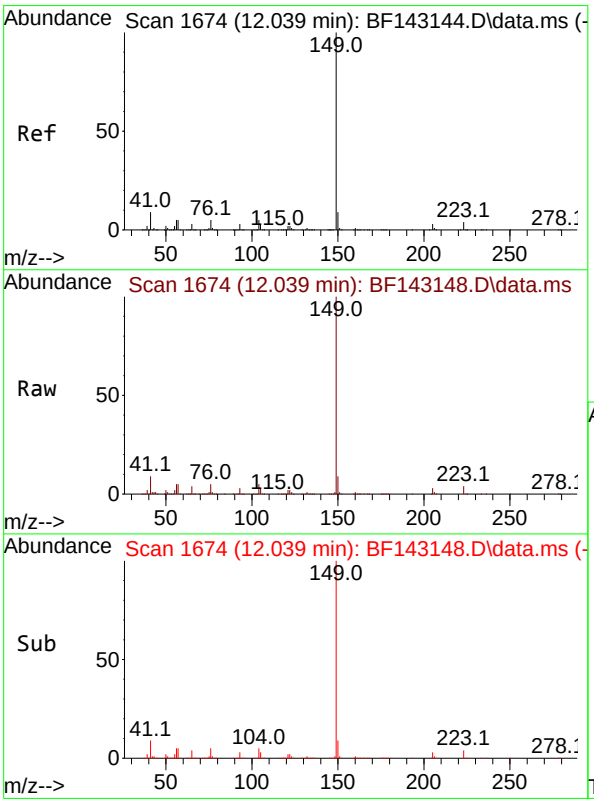
#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:167 Resp: 874867

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.5	10.0	15.0

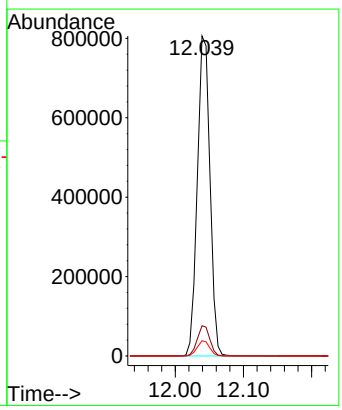


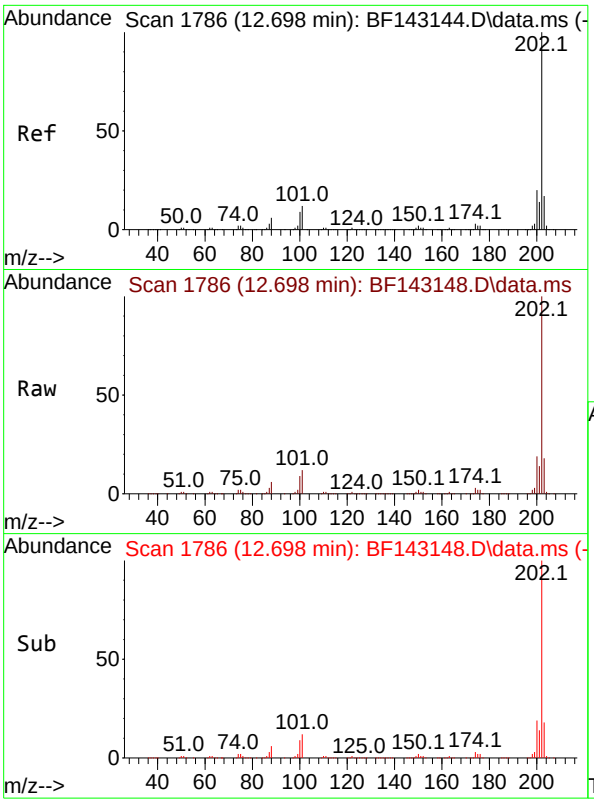


#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 1035244

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	3.8	5.8



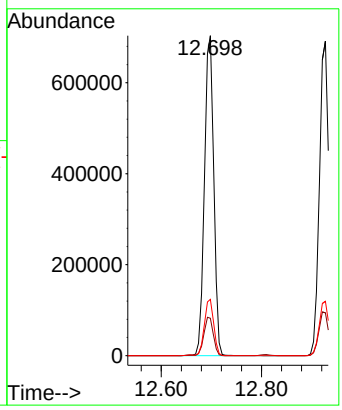


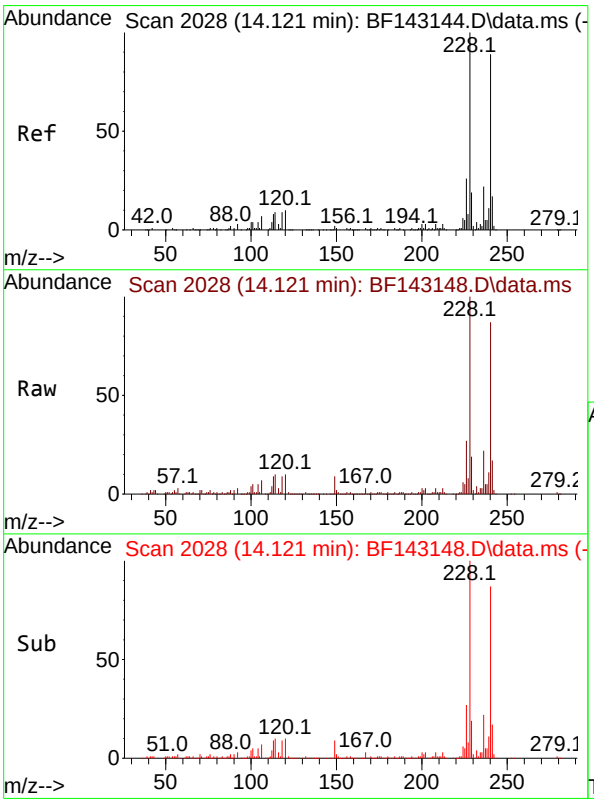
#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:202 Resp: 909717

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.6	0.0	37.4

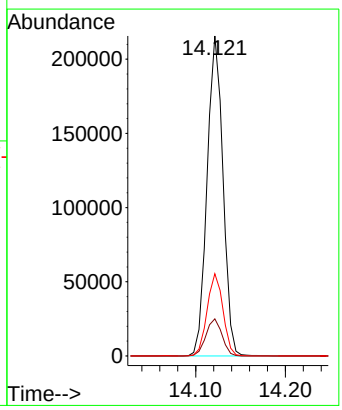


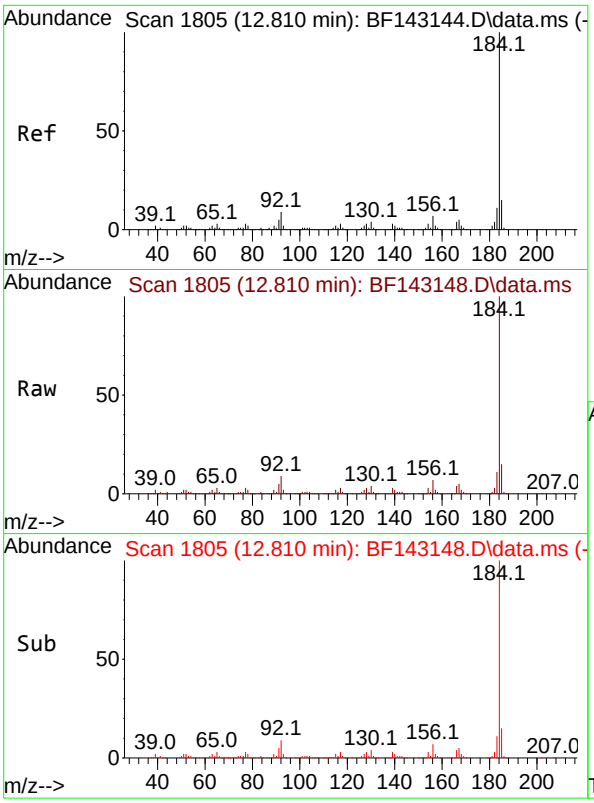


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:240 Resp: 265008

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	25.7	20.2	30.4



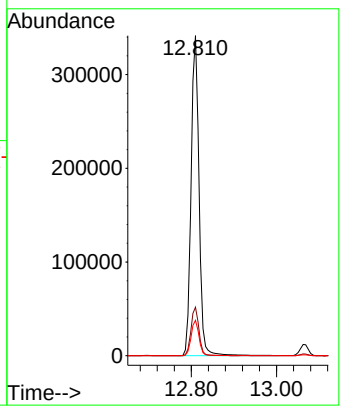


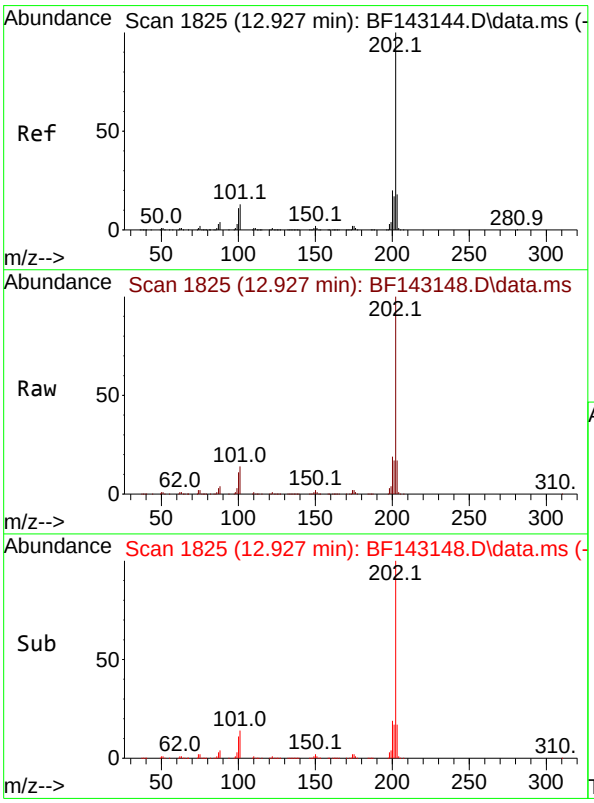
#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:184 Resp: 441470

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.1	9.0	13.4

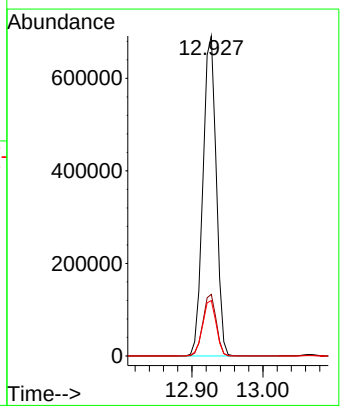


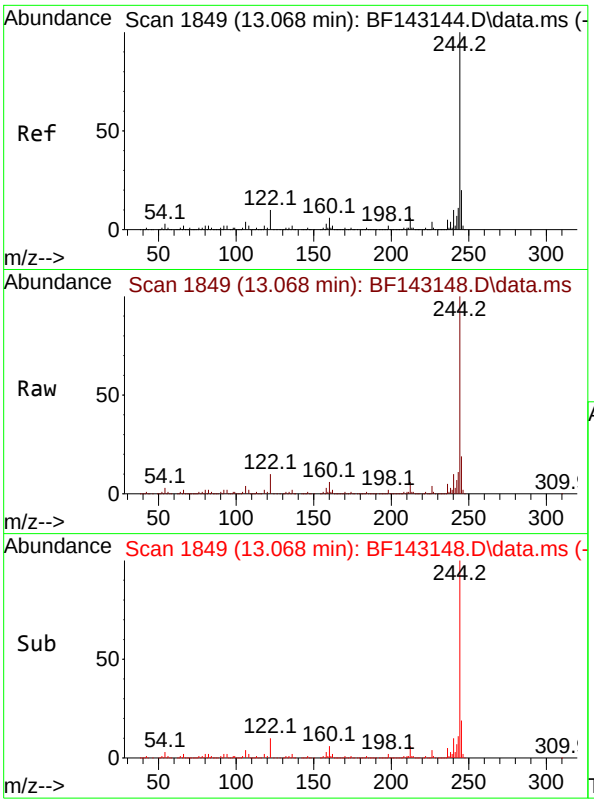


#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 902771

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.7	23.5
203	17.3	14.2	21.2



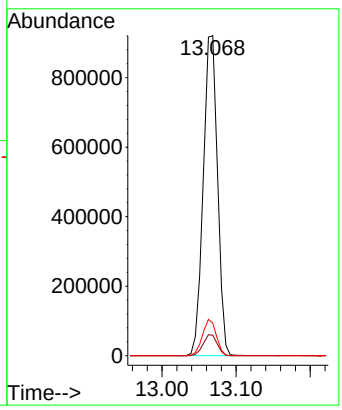


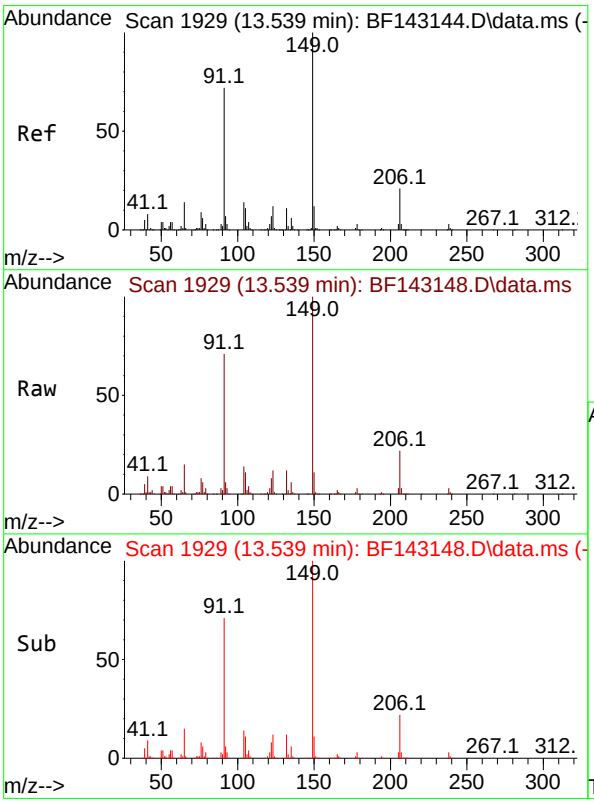
#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:244 Resp: 1234701

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.2	8.2	12.2

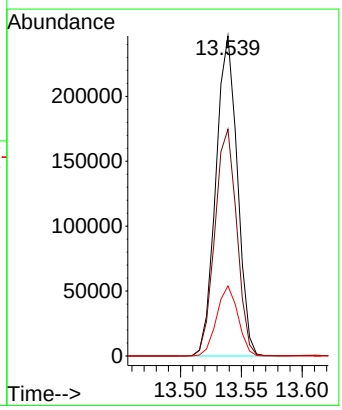


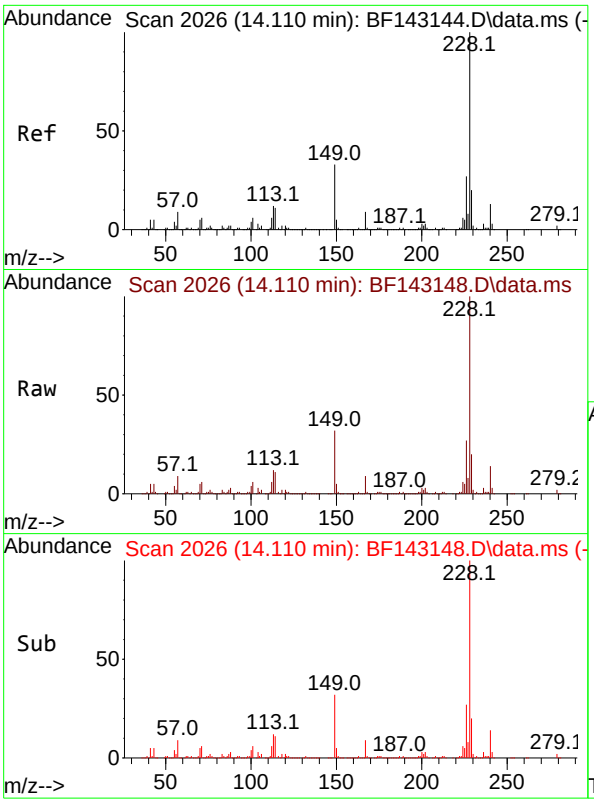


#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528

Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.9	86.9
206	21.9	17.0	25.4



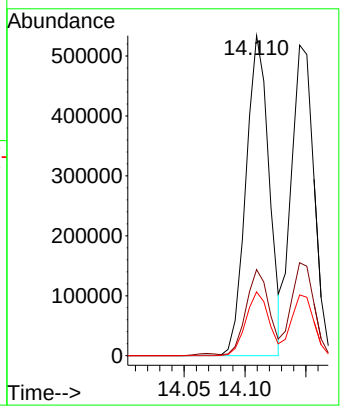


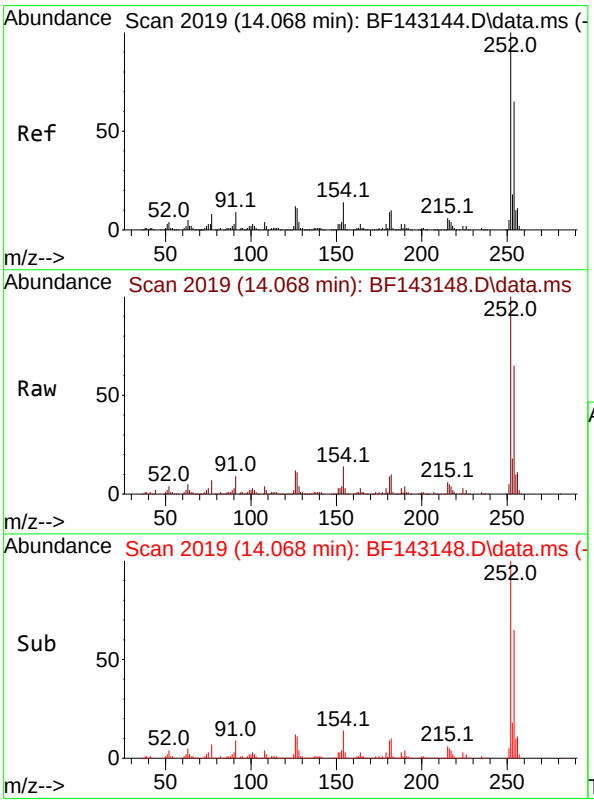
#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:228 Resp: 708799

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.0	15.8	23.6

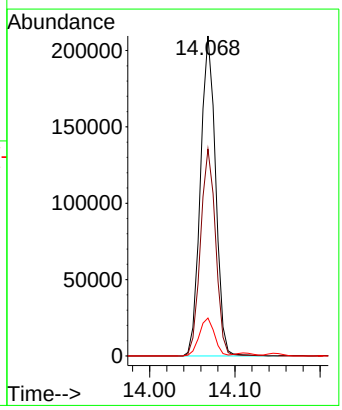


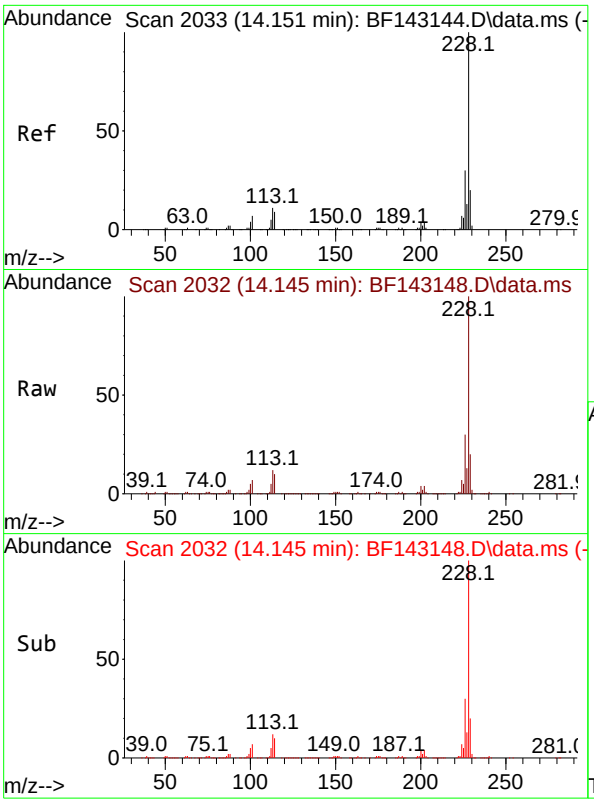


#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 258837

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.9	9.4	14.0



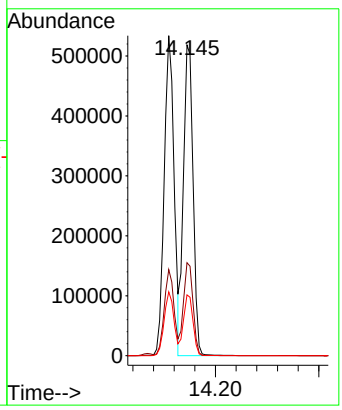


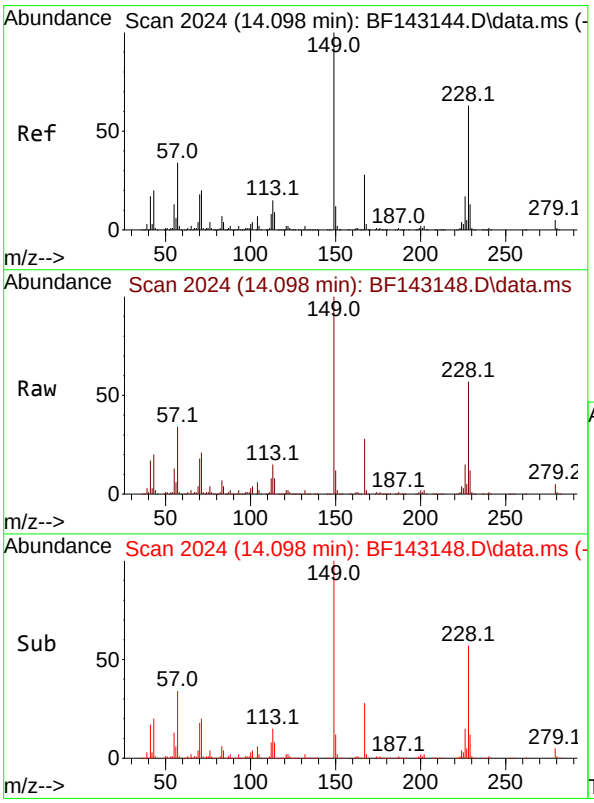
#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:228 Resp: 673701

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4

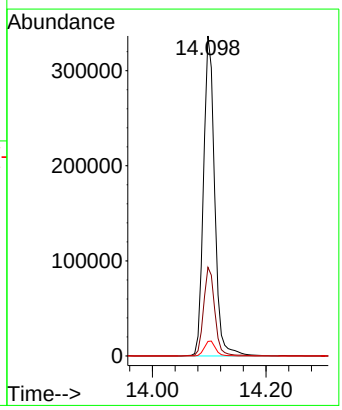


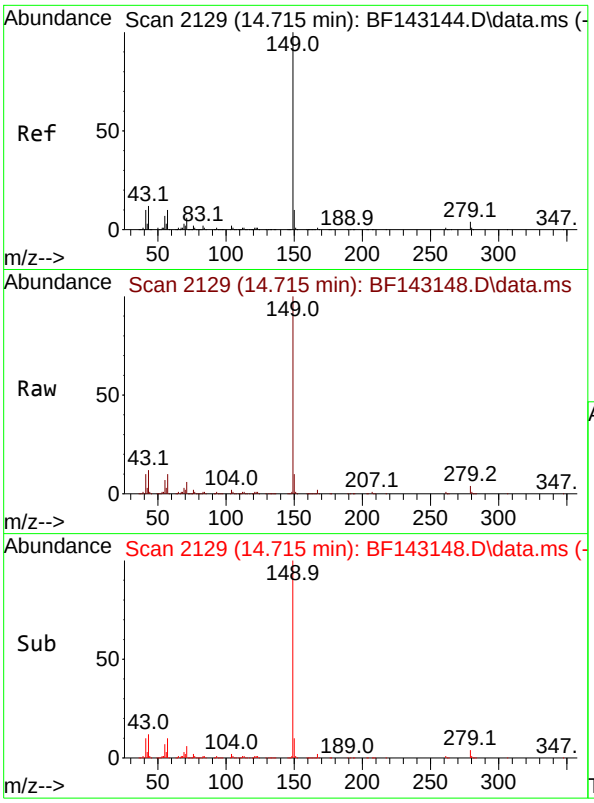


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 456811

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.6	3.6	5.4



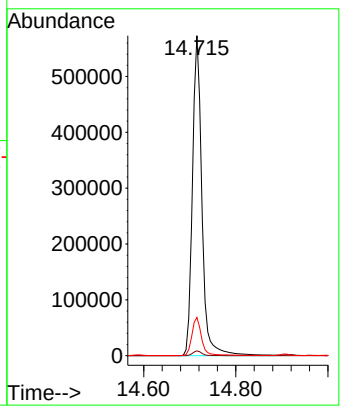


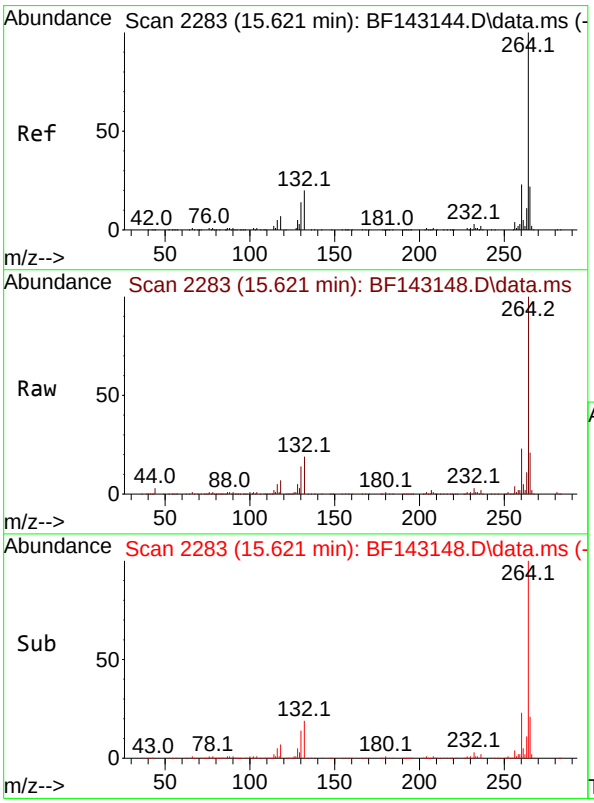
#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:149 Resp: 818512

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.2	9.7	14.5

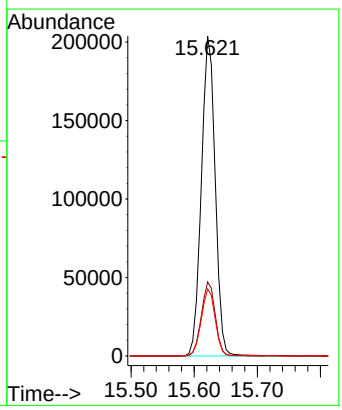


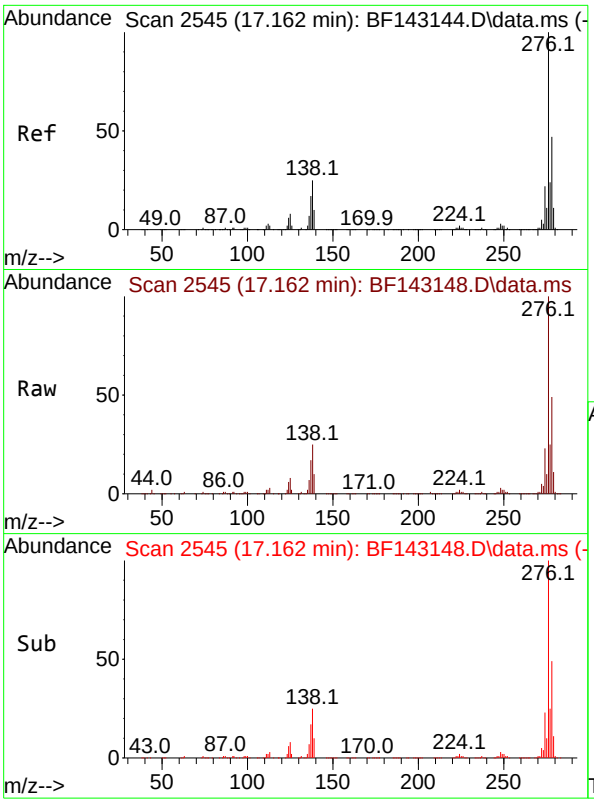


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:264 Resp: 310192

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.9	17.4	26.2



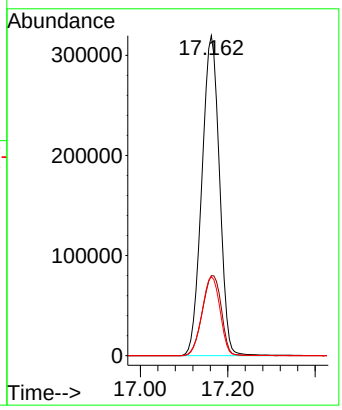


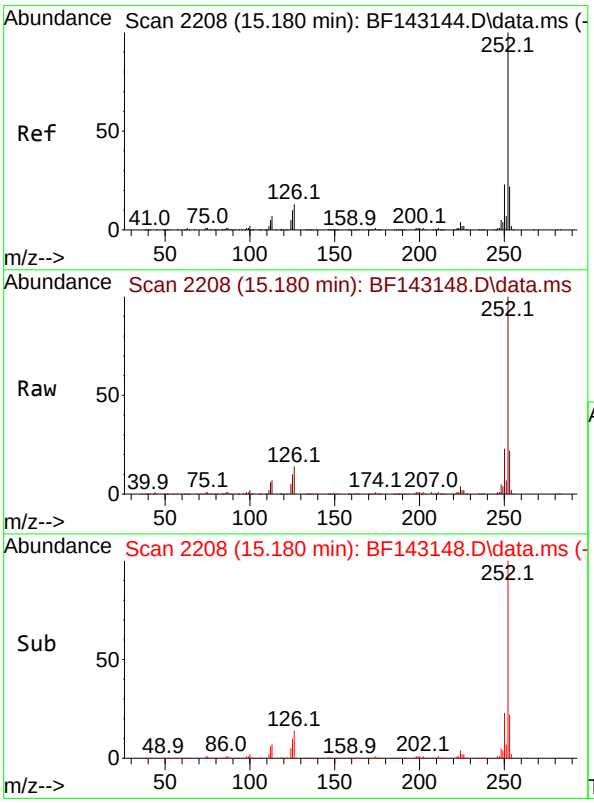
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:276 Resp: 896404

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.2	20.0	30.0

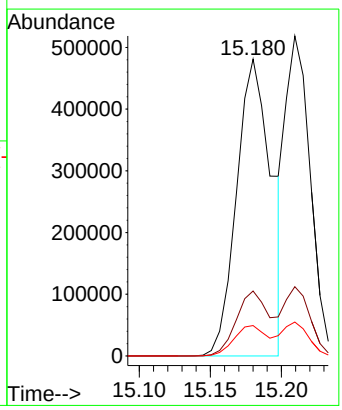


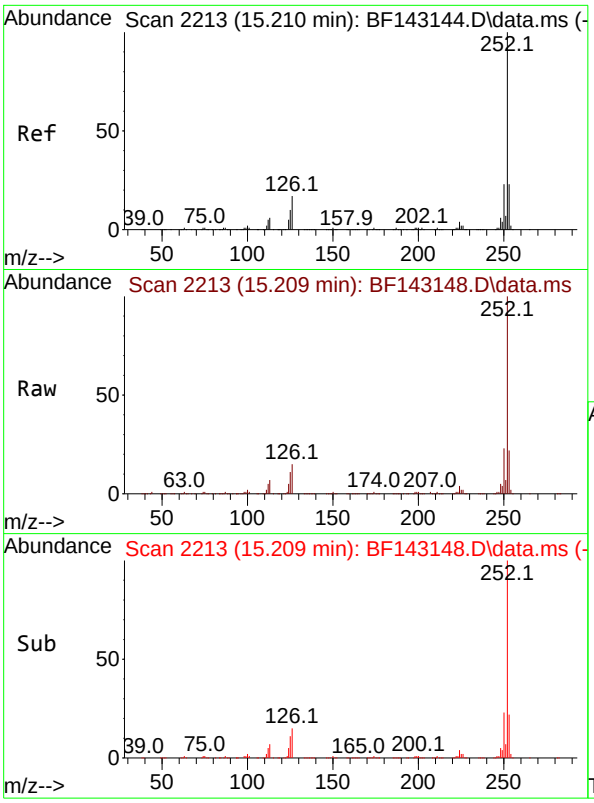


#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 820119

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.3	8.0	12.0



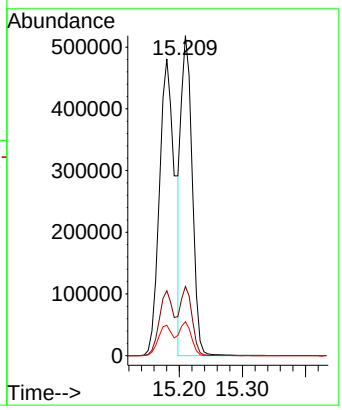


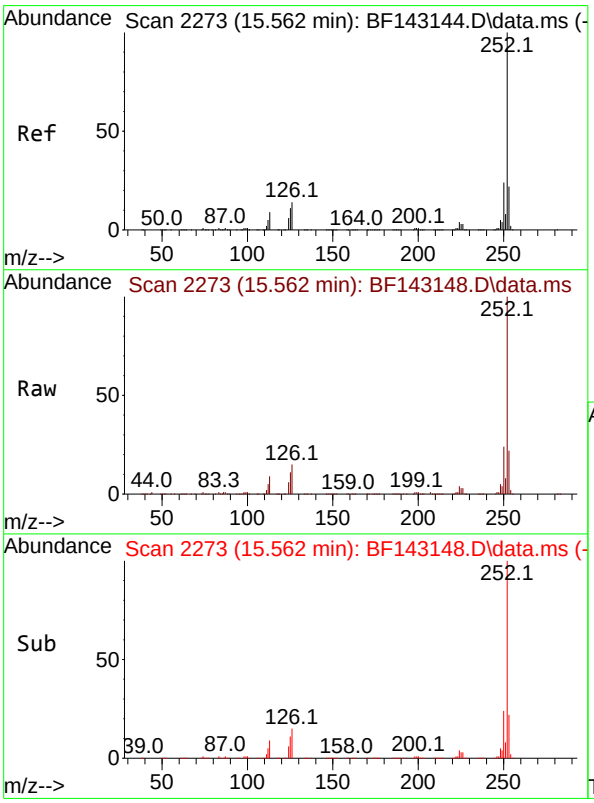
#89
Benzo(k)fluoranthene
Concen: 37.531 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:252 Resp: 634642

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.6	8.1	12.1

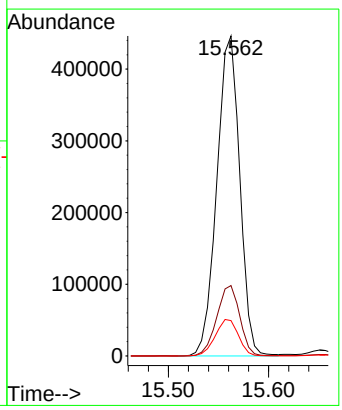


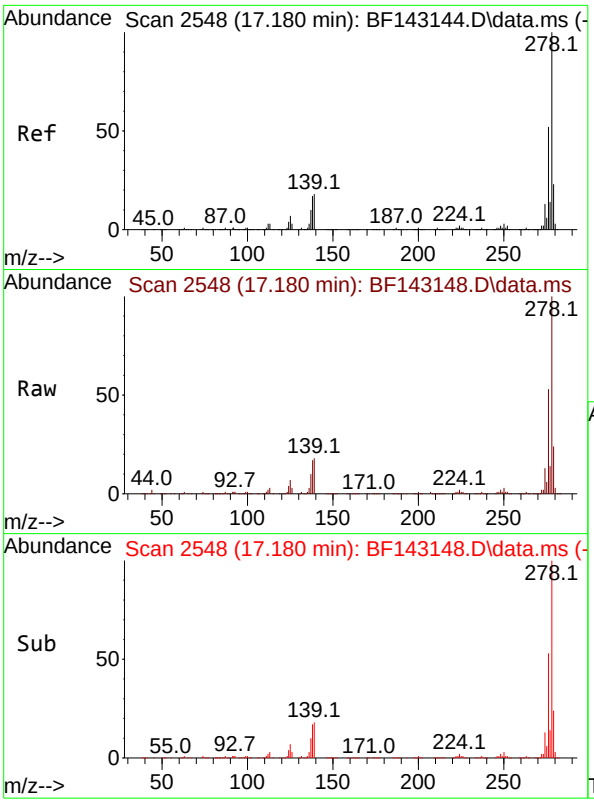


#90
Benzo(a)pyrene
Concen: 40.594 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 708756

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.1	8.6	13.0



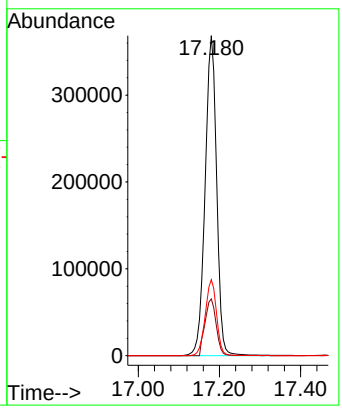


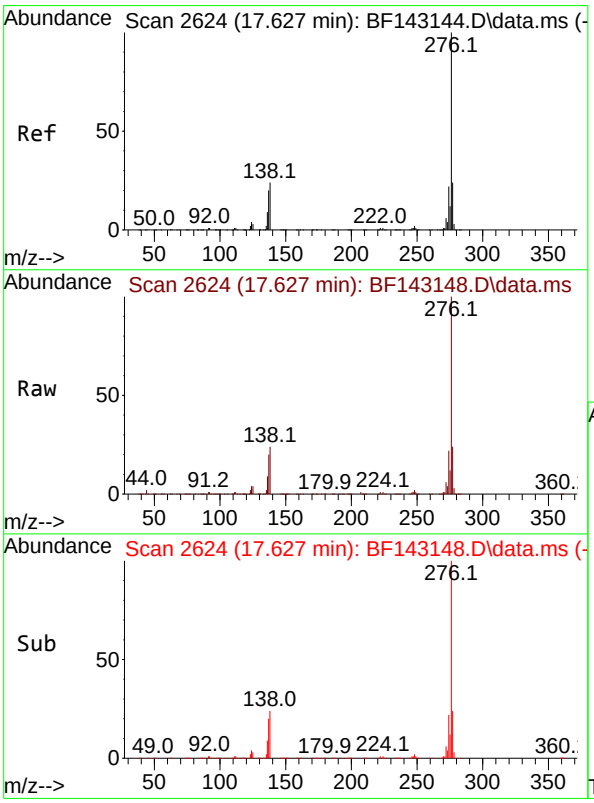
#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:278 Resp: 724758

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.8	18.6	28.0

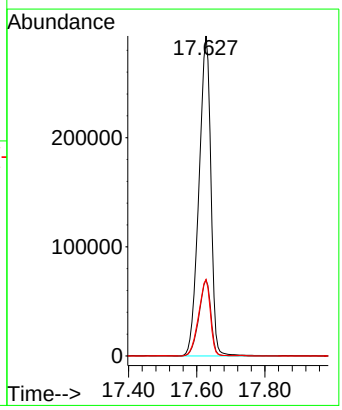




#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	23.9	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	122637	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	483164	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	258898	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	420723	20.000	ng		0.00
76) Chrysene-d12	14.133	240	277520	20.000	ng		0.01
86) Perylene-d12	15.633	264	250625	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	656921	84.767	ng		0.00
7) Phenol-d6	6.586	99	860079	88.173	ng		0.00
23) Nitrobenzene-d5	7.522	82	547489	56.483	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	245931	91.952	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	984221	51.991	ng		0.00
79) Terphenyl-d14	13.068	244	824200	44.195	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	130984	35.720	ng		99
3) Pyridine	3.610	79	355037	37.302	ng		99
4) n-Nitrosodimethylamine	3.546	42	205539	41.826	ng		99
6) Aniline	6.628	93	319279	23.486	ng		99
8) 2-Chlorophenol	6.751	128	348702	42.926	ng		98
9) Benzaldehyde	6.510	77	239190	32.701	ng		98
10) Phenol	6.604	94	470154	44.243	ng		100
11) bis(2-Chloroethyl)ether	6.692	93	345925	42.516	ng		99
12) 1,3-Dichlorobenzene	6.904	146	356842	40.438	ng		100
13) 1,4-Dichlorobenzene	6.981	146	362700	40.813	ng		99
14) 1,2-Dichlorobenzene	7.133	146	347469	41.109	ng		99
15) Benzyl Alcohol	7.098	79	331244	44.474	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	624571	41.381	ng		100
17) 2-Methylphenol	7.210	107	297538	43.562	ng		99
18) Hexachloroethane	7.481	117	131497	42.743	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	257035	41.072	ng		98
20) 3+4-Methylphenols	7.363	107	367283	44.321	ng	#	78
22) Acetophenone	7.369	105	473405	41.385	ng	#	98
24) Nitrobenzene	7.539	77	393741	43.571	ng		99
25) Isophorone	7.781	82	722769	42.240	ng		99
26) 2-Nitrophenol	7.857	139	184391	47.015	ng		98
27) 2,4-Dimethylphenol	7.892	122	336155	42.048	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	424559	41.383	ng		100
29) 2,4-Dichlorophenol	8.098	162	295634	43.850	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	300326	41.233	ng		99
31) Naphthalene	8.269	128	1043768	43.865	ng		100
32) Benzoic acid	8.010	122	242290	53.176	ng		97
33) 4-Chloroaniline	8.310	127	115901	11.929	ng		99
34) Hexachlorobutadiene	8.392	225	180230	40.506	ng		100
35) Caprolactam	8.680	113	111637	54.796	ng		100
36) 4-Chloro-3-methylphenol	8.786	107	337664	46.079	ng		99
37) 2-Methylnaphthalene	8.957	142	632605	43.689	ng		100
38) 1-Methylnaphthalene	9.057	142	654760	43.913	ng		99
40) 1,2,4,5-Tetrachloroben...	9.127	216	307216	41.101	ng		98
41) Hexachlorocyclopentadiene	9.116	237	269158	55.342	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	225706	43.631	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	226021	43.678	ng		98
46) 1,1'-Biphenyl	9.422	154	845751	41.871	ng		99
47) 2-Chloronaphthalene	9.445	162	622529	41.652	ng		99
48) 2-Nitroaniline	9.533	65	228188	48.685	ng		97
49) Acenaphthylene	9.863	152	1074389	42.895	ng		100
50) Dimethylphthalate	9.722	163	739486	43.820	ng		99
51) 2,6-Dinitrotoluene	9.780	165	162636	47.374	ng		98
52) Acenaphthene	10.039	154	702409	47.447	ng		98
53) 3-Nitroaniline	9.945	138	150223	37.411	ng		100
54) 2,4-Dinitrophenol	10.051	184	161630	101.891	ng	#	1
55) Dibenzofuran	10.210	168	958909	43.628	ng		100
56) 4-Nitrophenol	10.104	139	290208	96.784	ng		98
57) 2,4-Dinitrotoluene	10.180	165	222639	51.692	ng		98
58) Fluorene	10.551	166	735293	44.574	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	194167	45.297	ng		99
60) Diethylphthalate	10.422	149	770106	46.169	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	350275	42.644	ng		98
62) 4-Nitroaniline	10.563	138	162531	47.227	ng		97
63) Azobenzene	10.704	77	806940	46.418	ng		95
65) 4,6-Dinitro-2-methylph...	10.592	198	106177	48.125	ng		98
66) n-Nitrosodiphenylamine	10.657	169	640269	43.218	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	215047	42.890	ng		99
68) Hexachlorobenzene	11.104	284	221260	42.221	ng		99
69) Atrazine	11.186	200	192717	47.184	ng		98
70) Pentachlorophenol	11.292	266	273917	88.880	ng		99
71) Phenanthrene	11.516	178	1252082	56.049	ng		99
72) Anthracene	11.569	178	1059941	46.522	ng		100
73) Carbazole	11.716	167	866665	43.563	ng		99
74) Di-n-butylphthalate	12.045	149	1089699	48.409	ng		100
75) Fluoranthene	12.704	202	1341747	65.437	ng		99
77) Benzidine	12.816	184	257059	24.042	ng		99
78) Pyrene	12.933	202	1405043	59.322	ng		99
80) Butylbenzylphthalate	13.545	149	372649	51.381	ng		98
81) Benzo(a)anthracene	14.121	228	1055813	56.825	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	136903	22.108	ng		99
83) Chrysene	14.157	228	926475	55.460	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	512026	46.643	ng		100
85) Di-n-octyl phthalate	14.721	149	880873	44.269	ng		99
87) Indeno(1,2,3-cd)pyrene	17.180	276	632228	35.775	ng		99
88) Benzo(b)fluoranthene	15.192	252	1015390	66.318	ng		99
89) Benzo(k)fluoranthene	15.221	252	712098	52.120	ng		99
90) Benzo(a)pyrene	15.574	252	800603	56.754	ng		98
91) Dibenzo(a,h)anthracene	17.198	278	444650	30.912	ng		99
92) Benzo(g,h,i)perylene	17.645	276	504925	36.288	ng		99

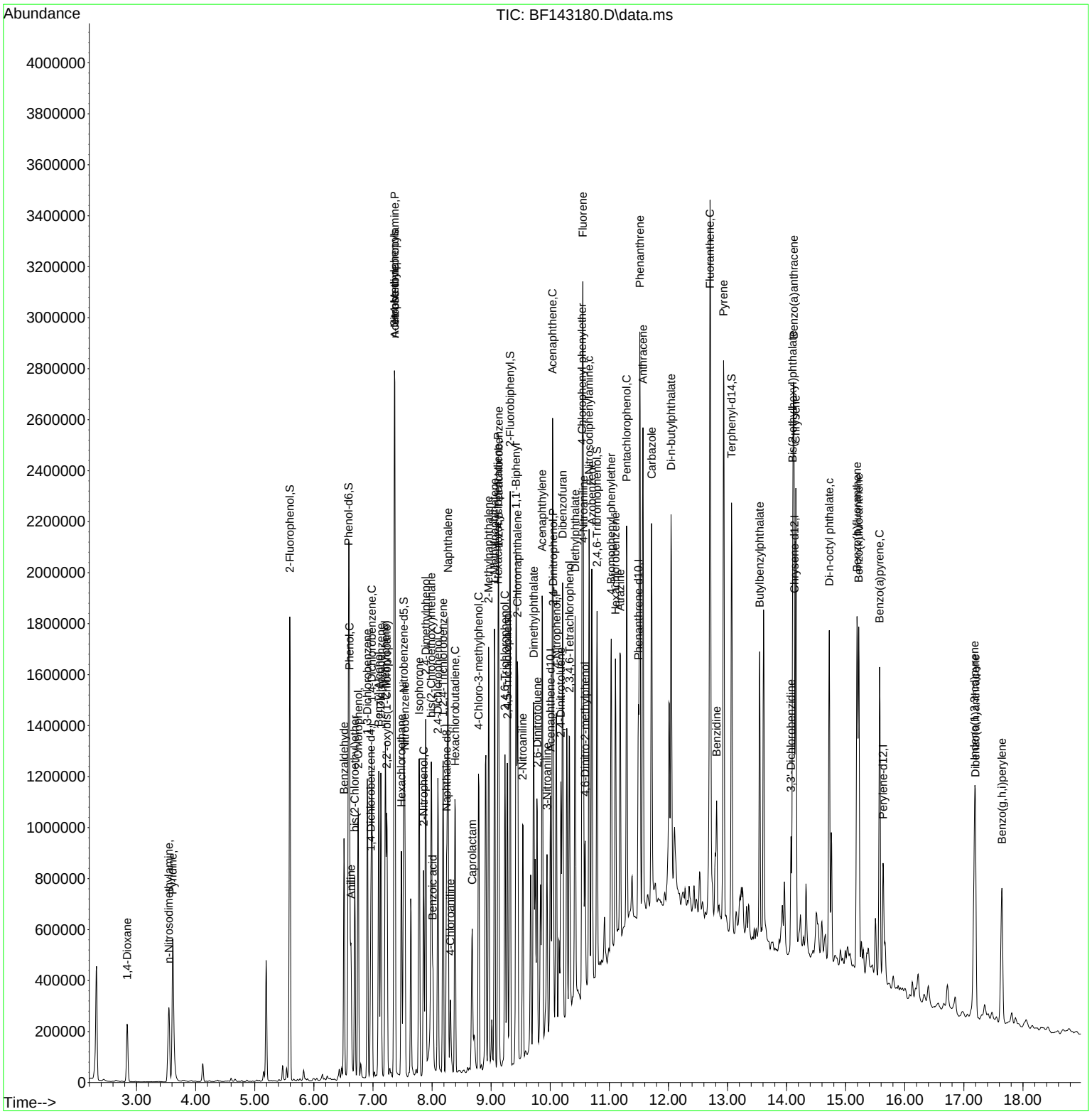
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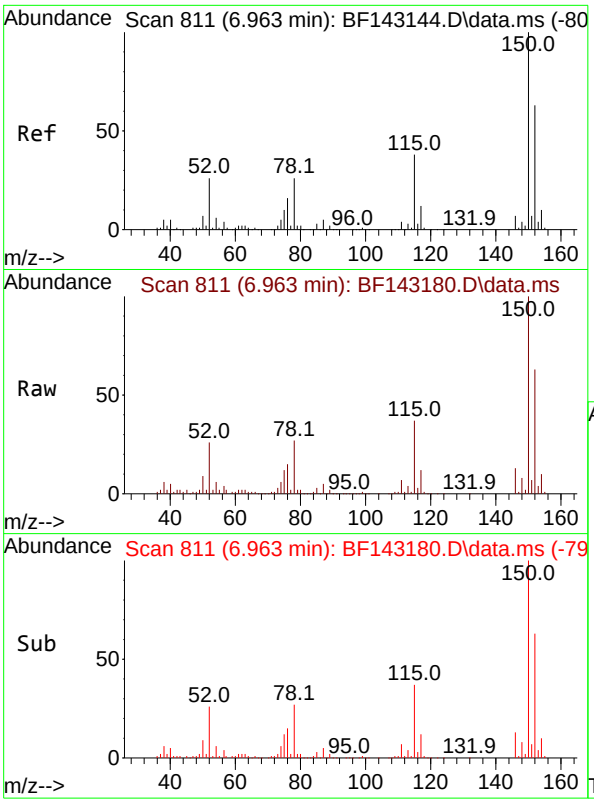
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



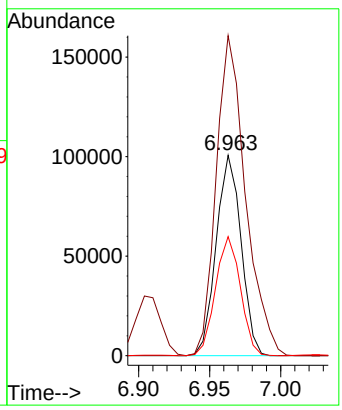


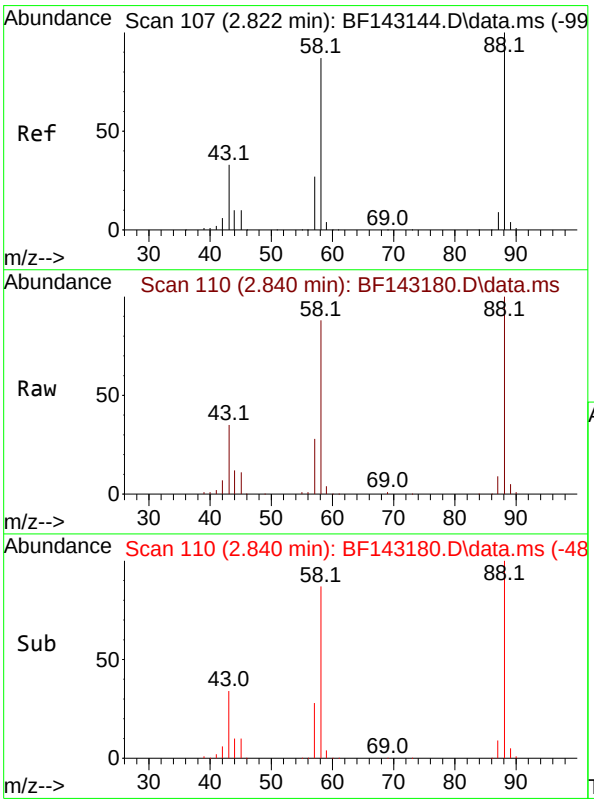
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:152 Resp: 122637

Ion	Ratio	Lower	Upper
152	100		
150	159.7	128.2	192.4
115	59.4	47.9	71.9

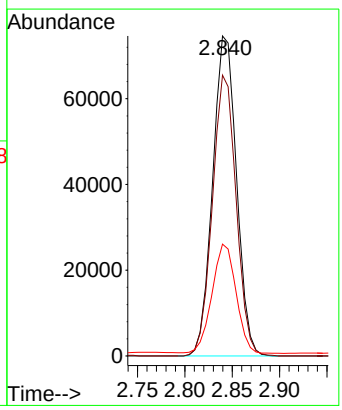


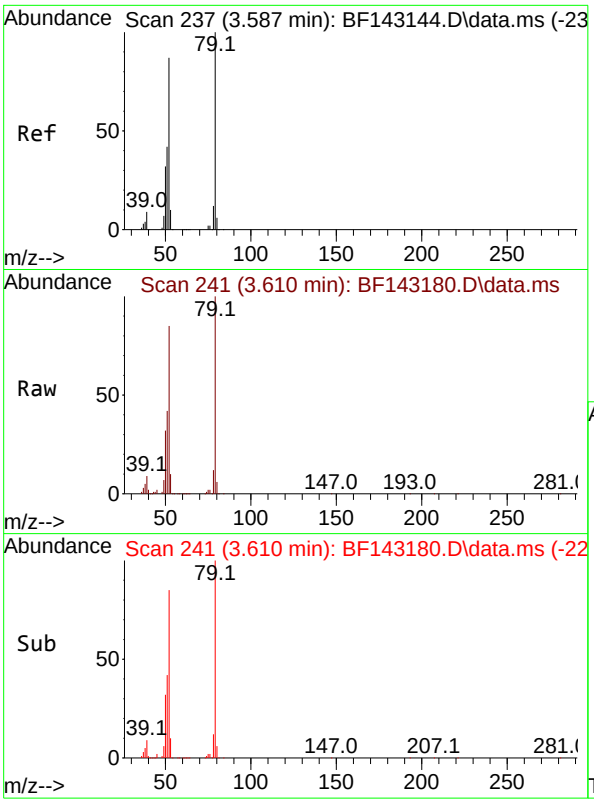


#2
1,4-Dioxane
Concen: 35.720 ng
RT: 2.840 min Scan# 110
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 88 Resp: 130984

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.2	105.2
43	34.4	27.1	40.7



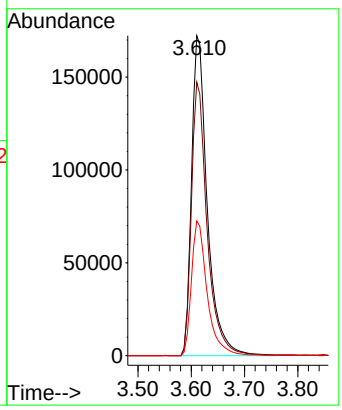


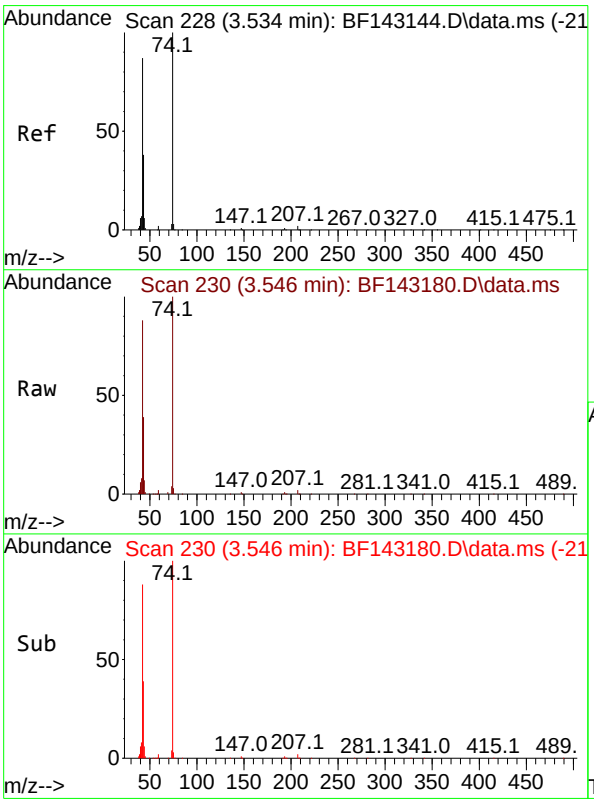
#3
Pyridine
Concen: 37.302 ng
RT: 3.610 min Scan# 24
Delta R.T. 0.023 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 79 Resp: 355037

Ion	Ratio	Lower	Upper
79	100		
52	85.5	69.4	104.2
51	42.1	33.5	50.3

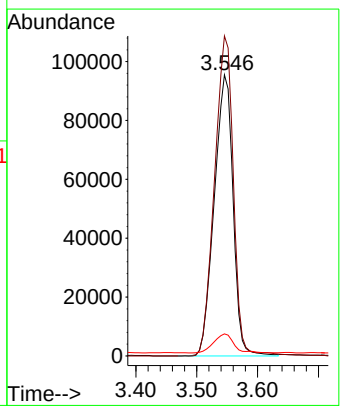


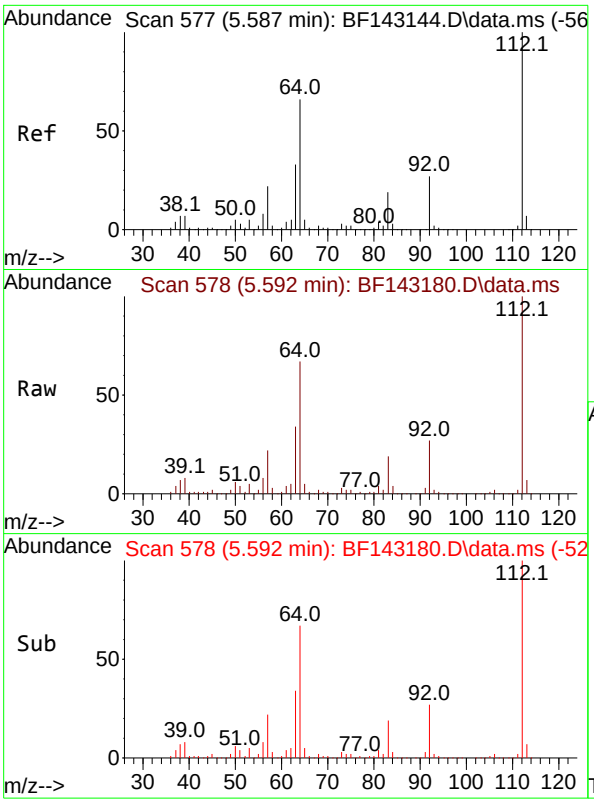


#4
n-Nitrosodimethylamine
Concen: 41.826 ng
RT: 3.546 min Scan# 230
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 42 Resp: 205539

Ion	Ratio	Lower	Upper
42	100		
74	113.8	91.7	137.5
44	7.9	5.6	8.4



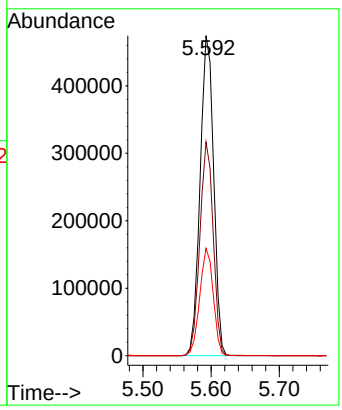


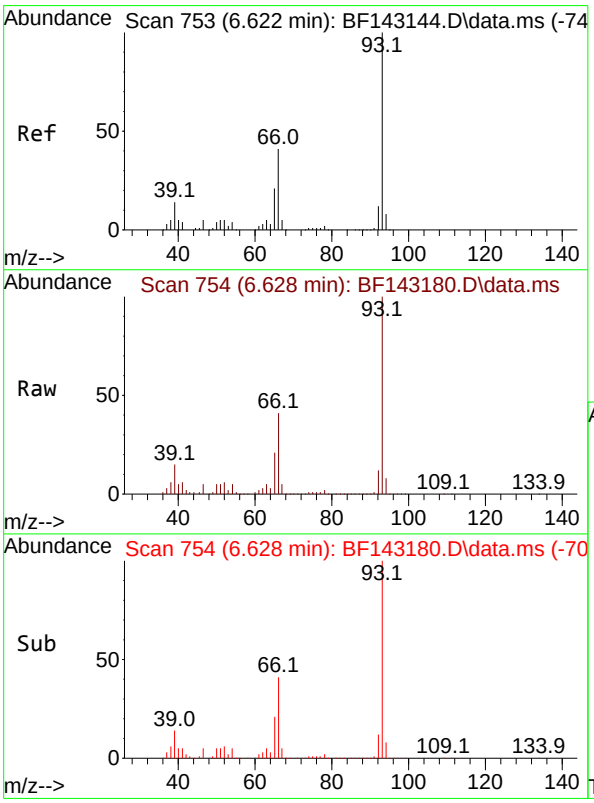
#5
2-Fluorophenol
Concen: 84.767 ng
RT: 5.592 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:112 Resp: 656921

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.1	79.7
63	33.5	26.6	40.0

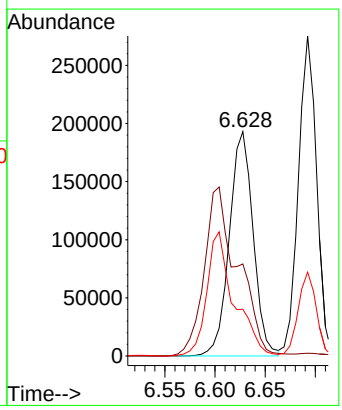


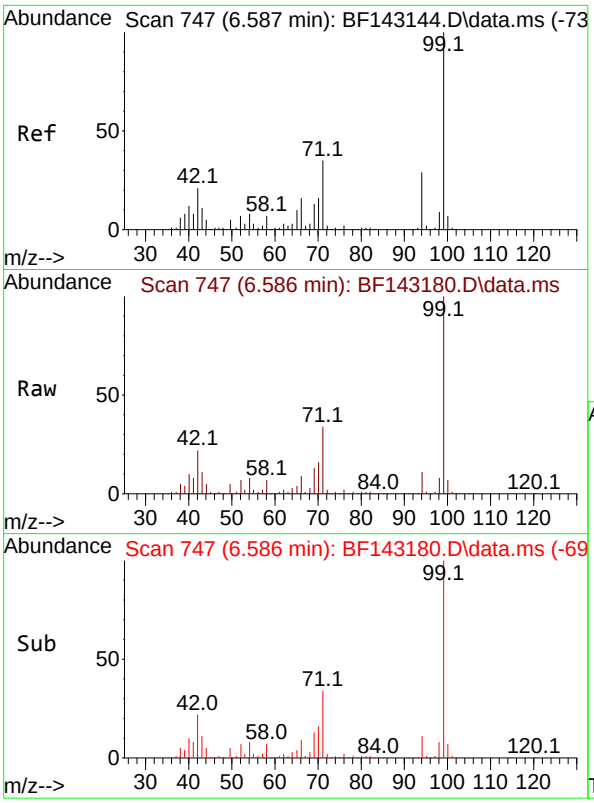


#6
Aniline
Concen: 23.486 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 319279

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.8	16.9	25.3



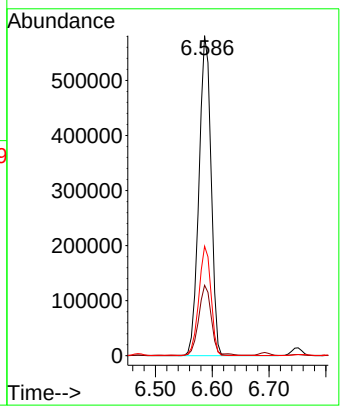


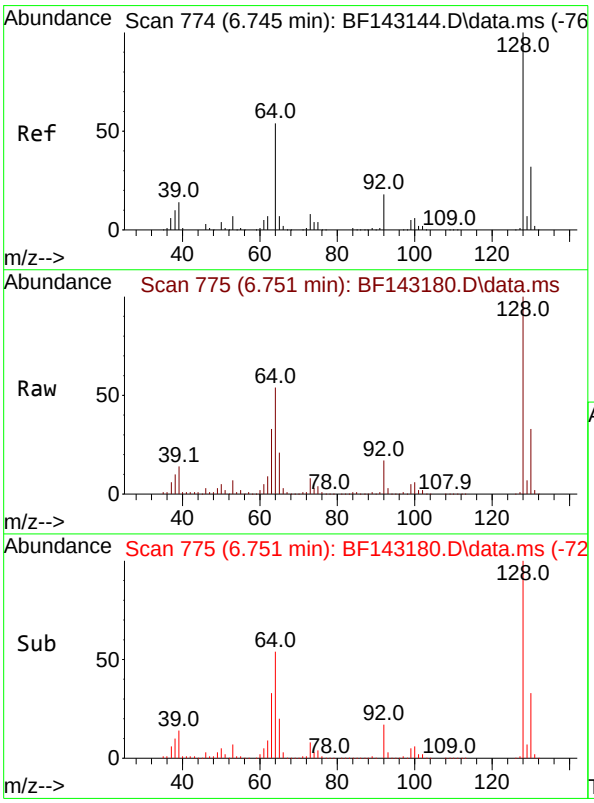
#7
Phenol-d6
Concen: 88.173 ng
RT: 6.586 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 99 Resp: 860079

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.0	25.6
71	34.2	27.7	41.5

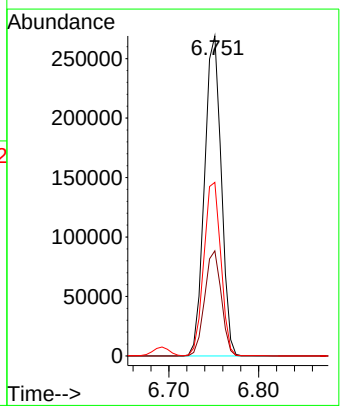


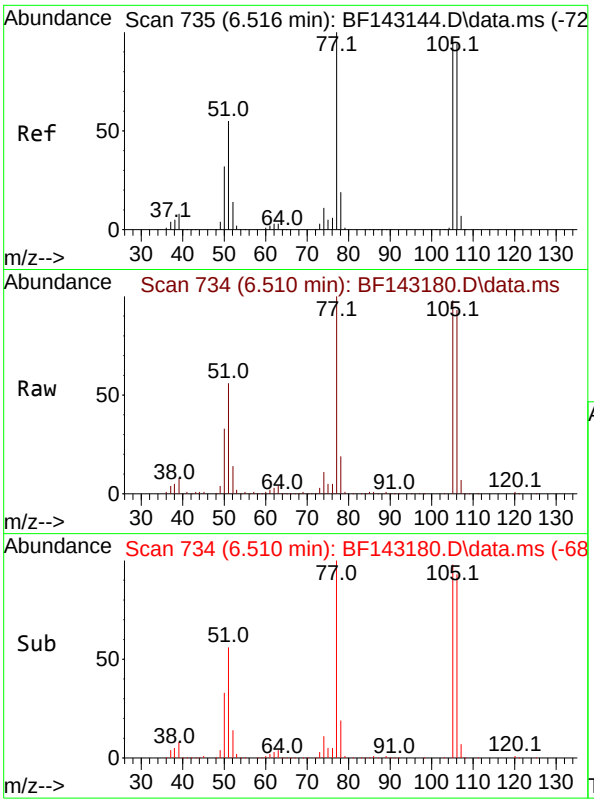


#8
2-Chlorophenol
Concen: 42.926 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:128 Resp: 348702

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	54.2	35.9	75.9



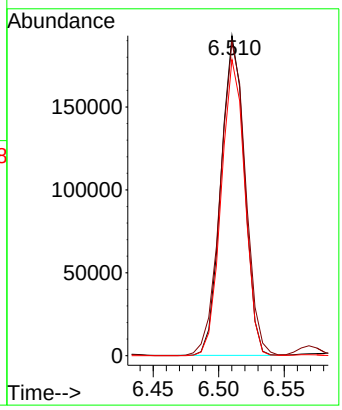


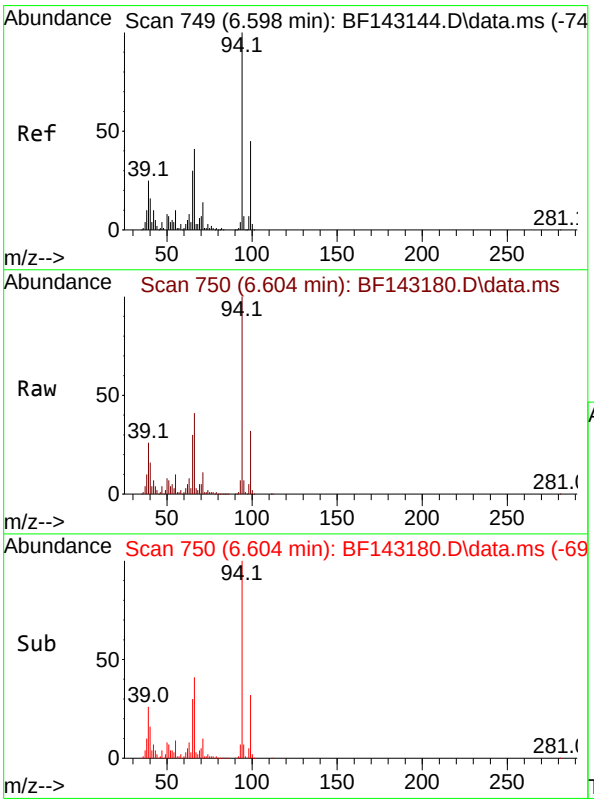
#9
Benzaldehyde
Concen: 32.701 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 77 Resp: 239190

Ion	Ratio	Lower	Upper
77	100		
105	98.0	76.8	116.8
106	92.5	74.4	114.4

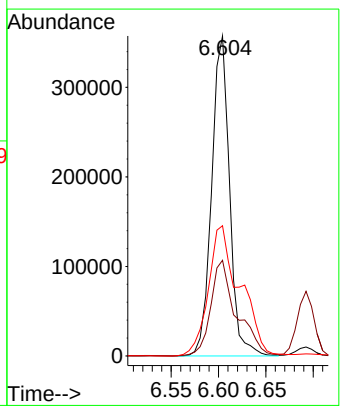


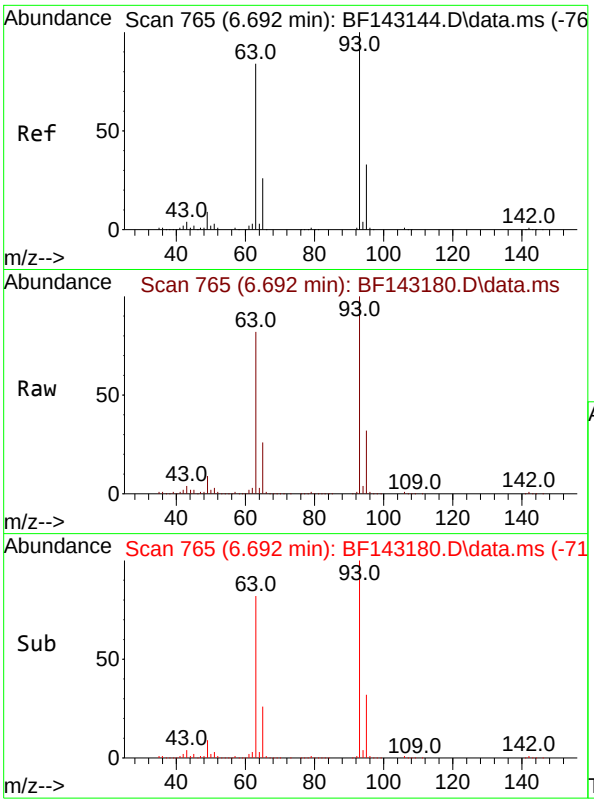


#10
Phenol
Concen: 44.243 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 94 Resp: 470154

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.0	50.0
66	40.7	20.8	60.8



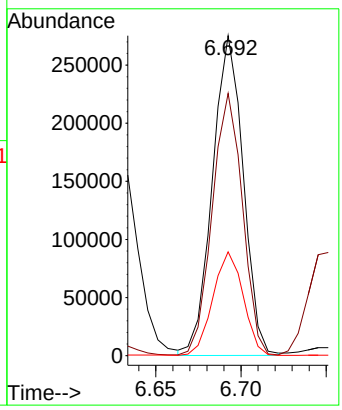


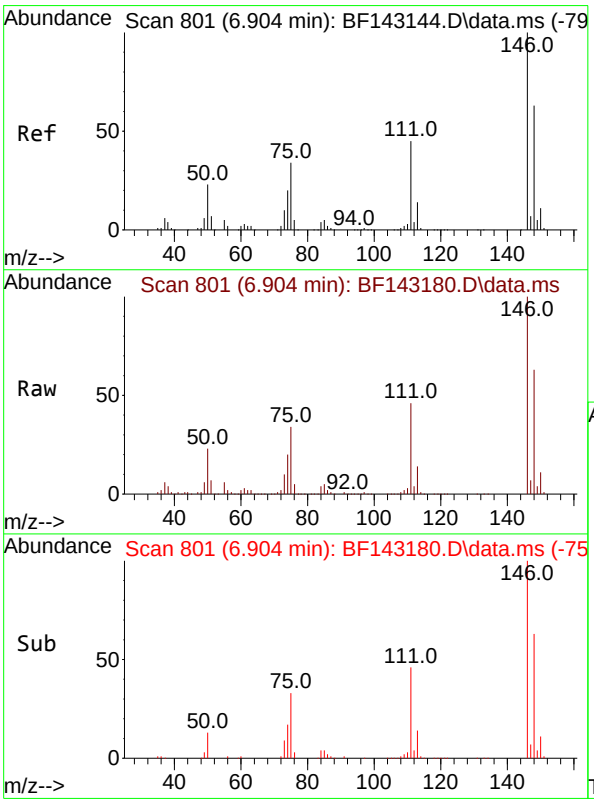
#11
bis(2-Chloroethyl)ether
Concen: 42.516 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 93 Resp: 345925

Ion	Ratio	Lower	Upper
93	100		
63	81.9	63.4	103.4
95	32.5	12.4	52.4

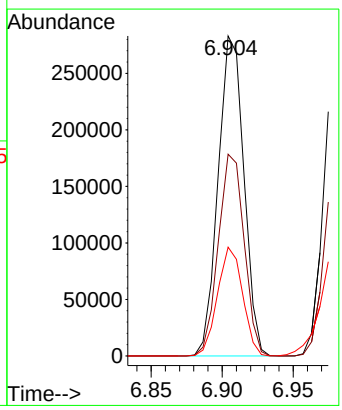


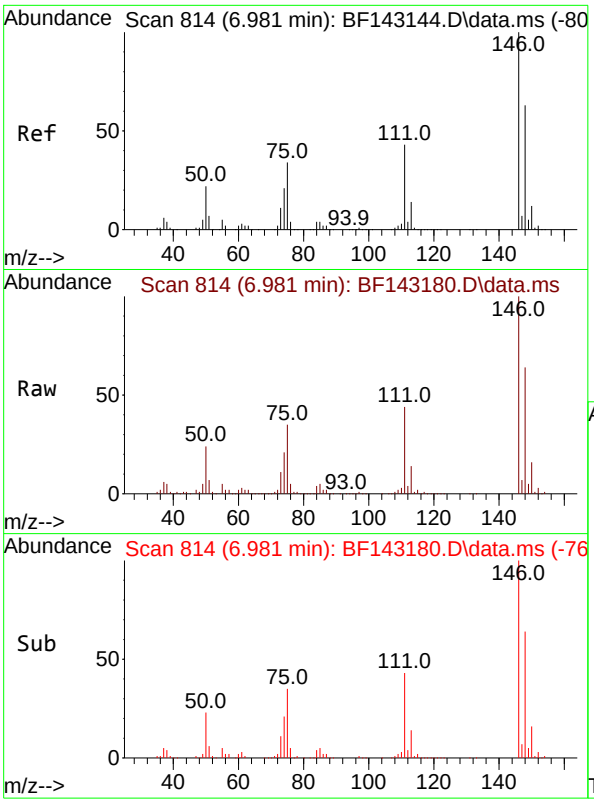


#12
1,3-Dichlorobenzene
Concen: 40.438 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 356842

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
75	34.0	27.4	41.2



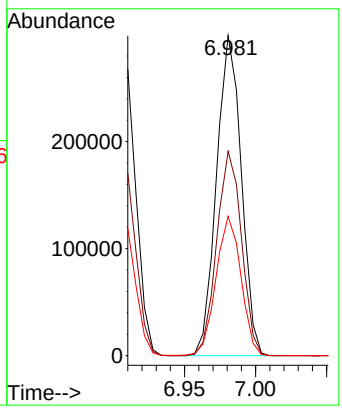


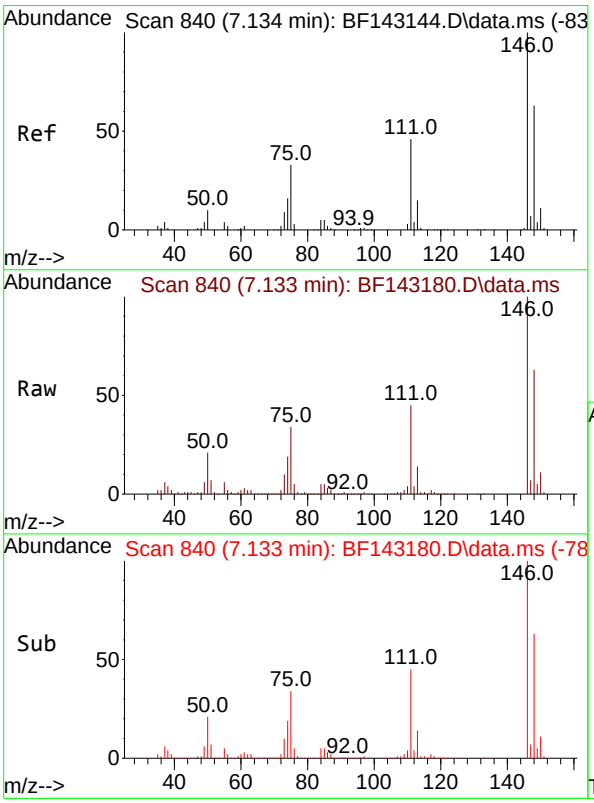
#13
1,4-Dichlorobenzene
Concen: 40.813 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:146 Resp: 362700

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	43.6	34.4	51.6

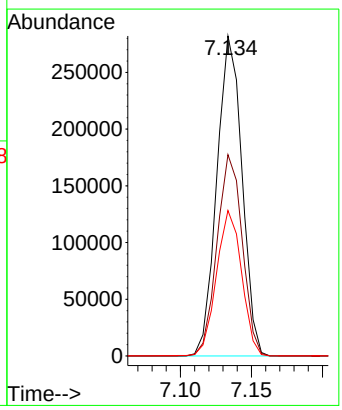


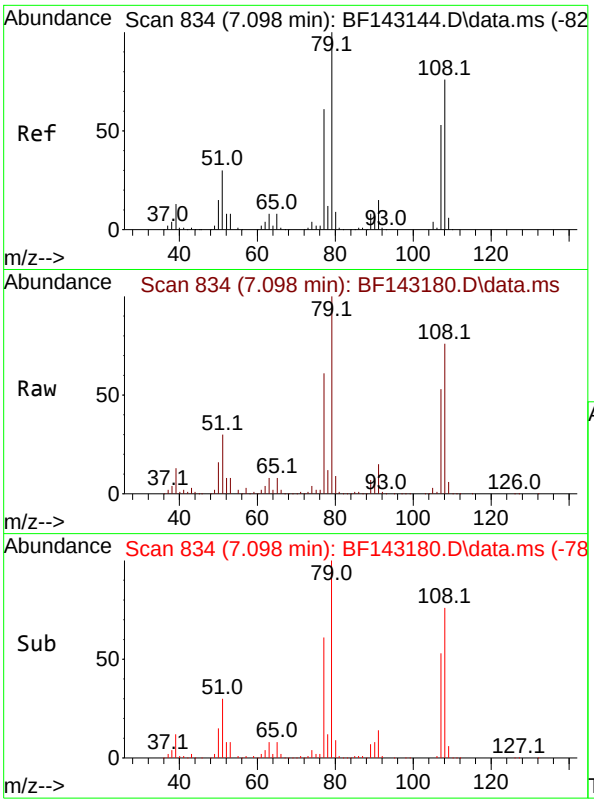


#14
1,2-Dichlorobenzene
Concen: 41.109 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 347469

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.7	76.1
111	45.5	36.6	54.8



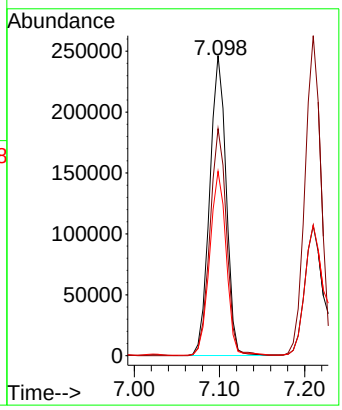


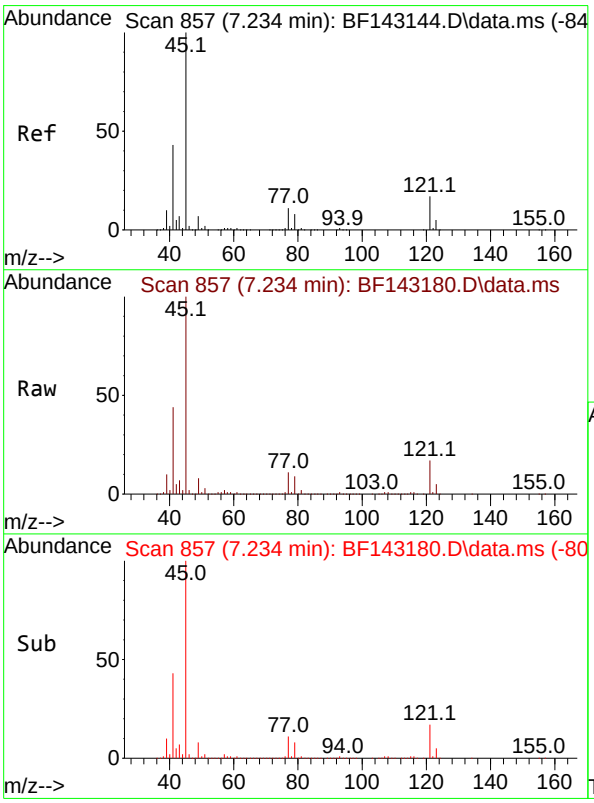
#15
Benzyl Alcohol
Concen: 44.474 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 79 Resp: 331244

Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.1	91.7
77	61.4	48.9	73.3

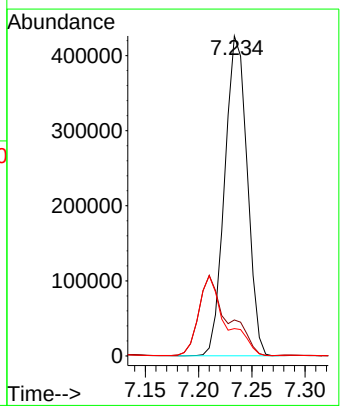


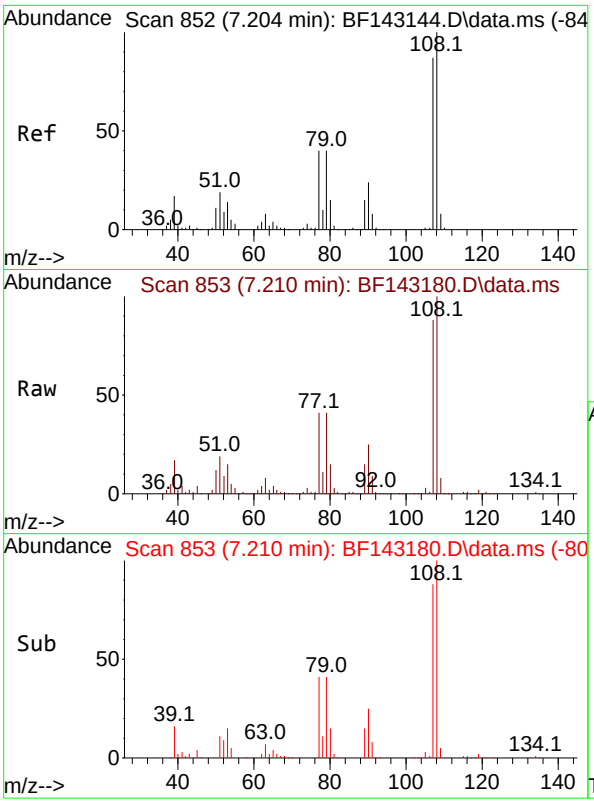


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.381 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 45 Resp: 624571

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.6	0.0	28.5



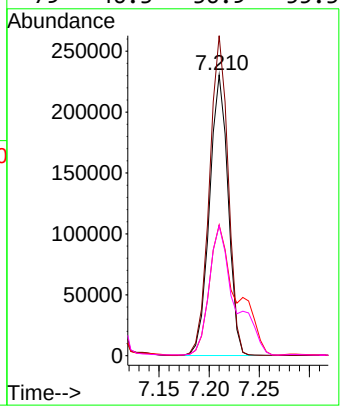


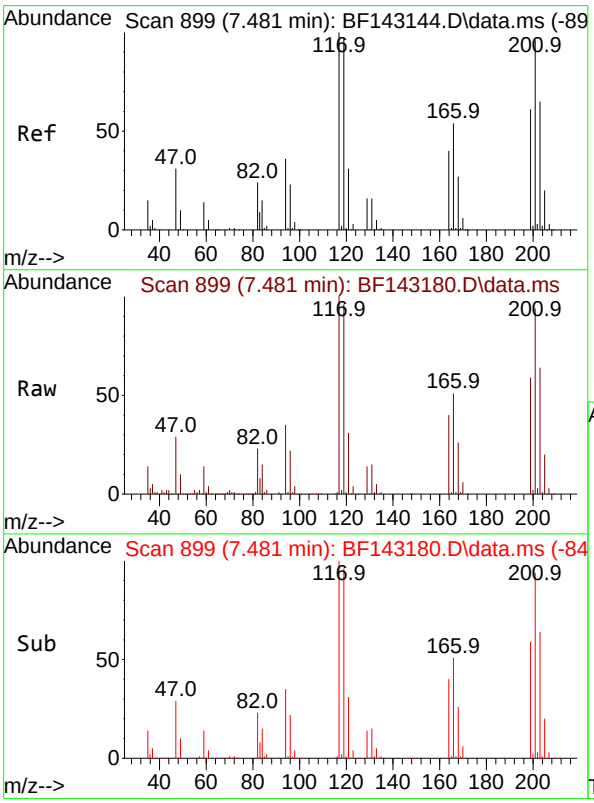
#17
2-Methylphenol
Concen: 43.562 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:107 Resp: 297538

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.8	137.6
77	46.6	37.0	55.6
79	46.3	36.9	55.3

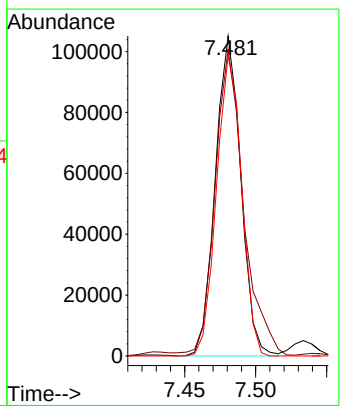


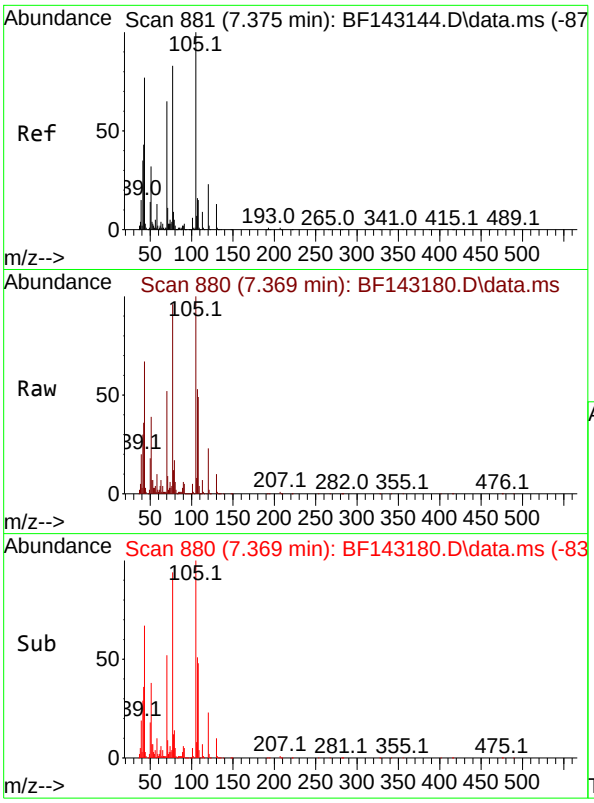


#18
Hexachloroethane
Concen: 42.743 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:117 Resp: 131497

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.8
201	94.0	77.0	115.4



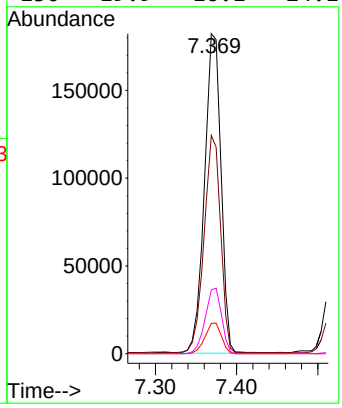


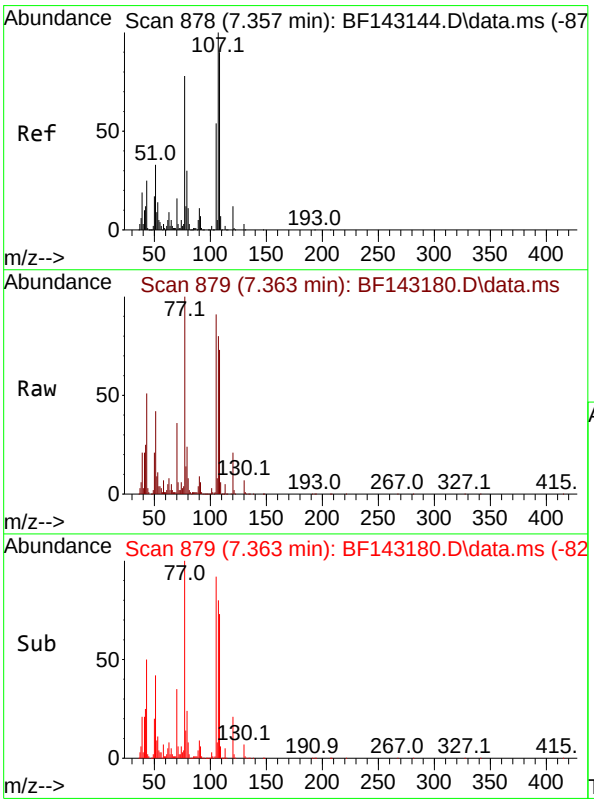
#19
n-Nitroso-di-n-propylamine
Concen: 41.072 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 70 Resp: 257035

Ion	Ratio	Lower	Upper
70	100		
42	68.2	52.5	78.7
101	9.5	7.6	11.4
130	19.9	16.1	24.1

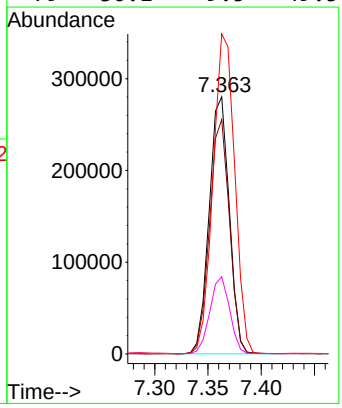


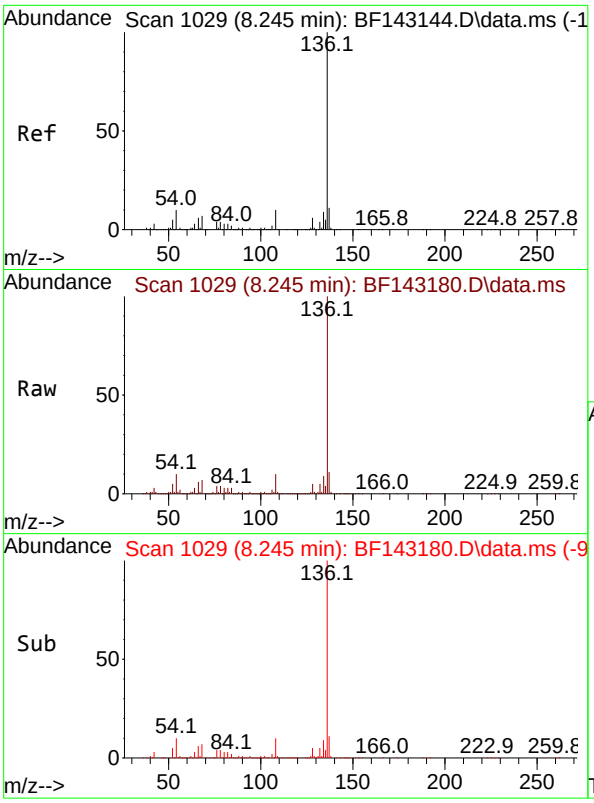


#20
3+4-Methylphenols
Concen: 44.321 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 367283

Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.0	110.0
77	124.5	57.8	97.8#
79	30.1	9.5	49.5



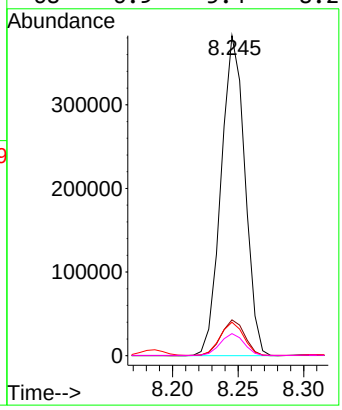


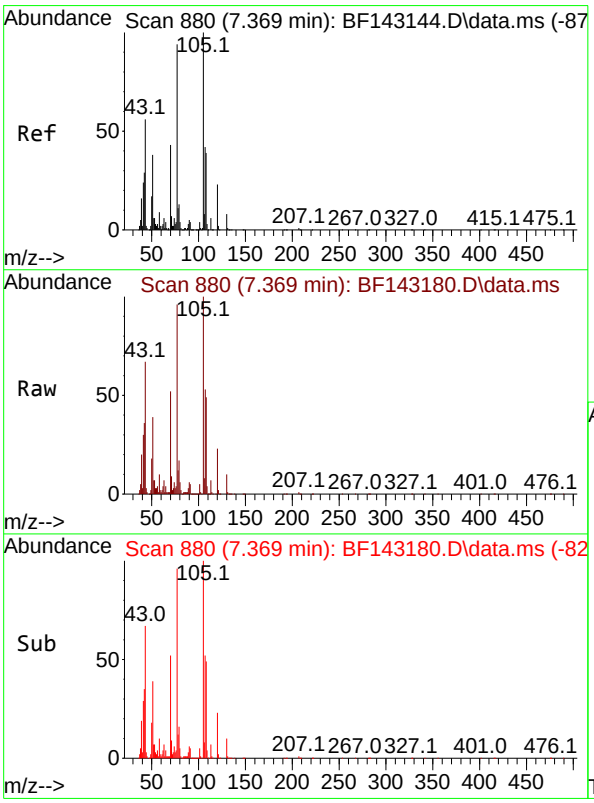
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:136 Resp: 483164

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.4	8.2	12.2
68	6.9	5.4	8.2

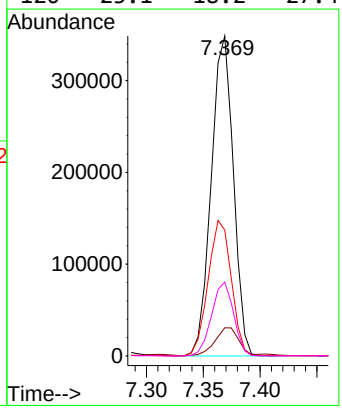


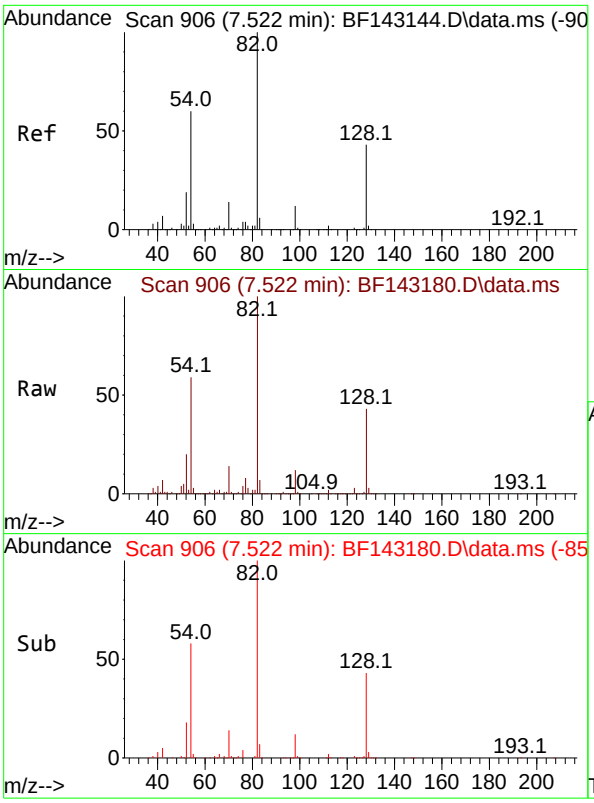


#22
Acetophenone
Concen: 41.385 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:105 Resp: 473405

Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.8	8.6#
51	39.4	30.2	45.2
120	23.1	18.2	27.4



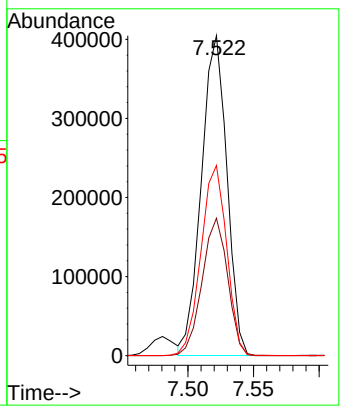


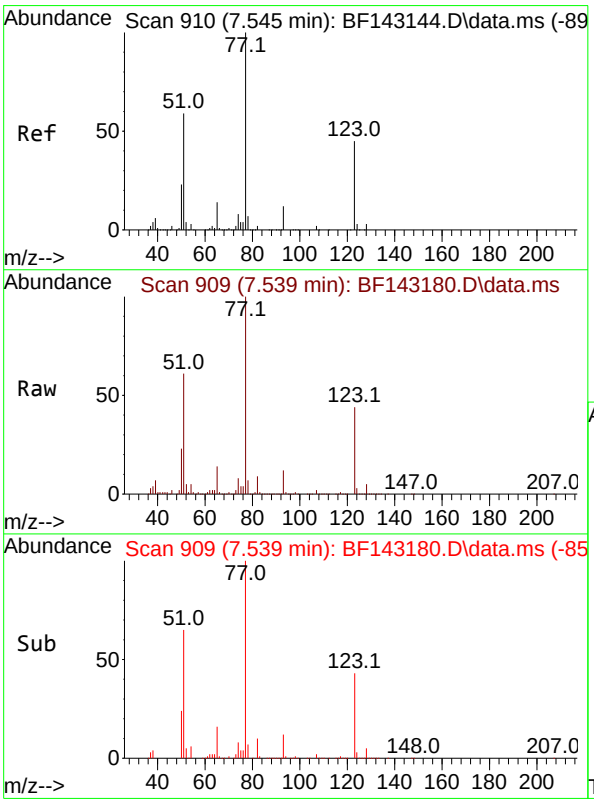
#23
Nitrobenzene-d5
Concen: 56.483 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 82 Resp: 547489

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.6	50.4
54	59.5	47.1	70.7

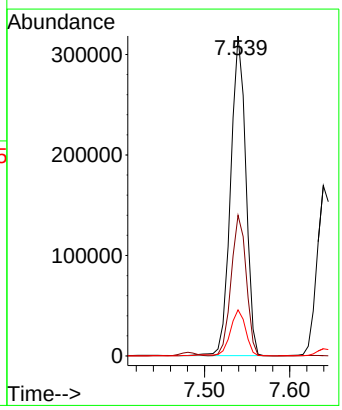


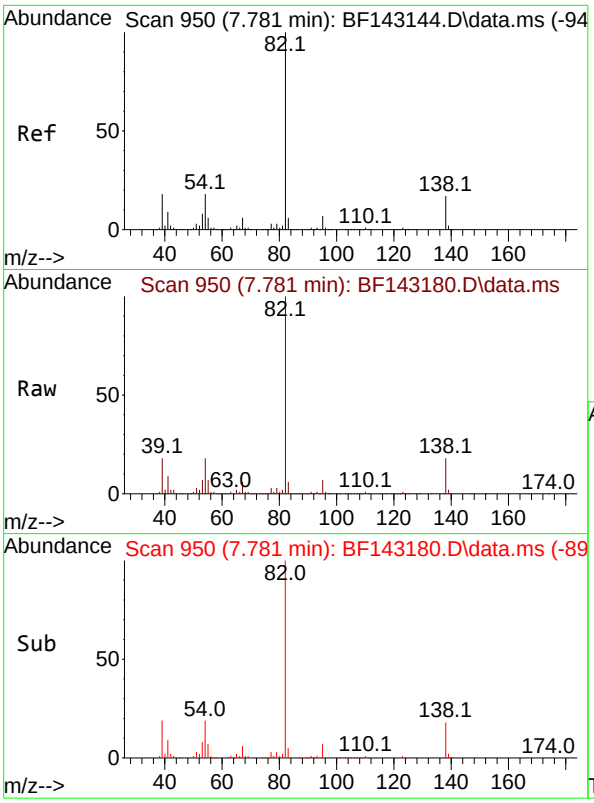


#24
Nitrobenzene
Concen: 43.571 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 393741

Ion	Ratio	Lower	Upper
77	100		
123	44.0	36.1	54.1
65	14.4	11.4	17.2



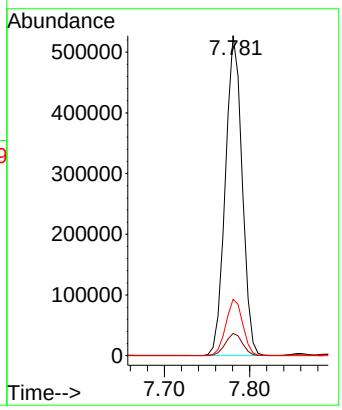


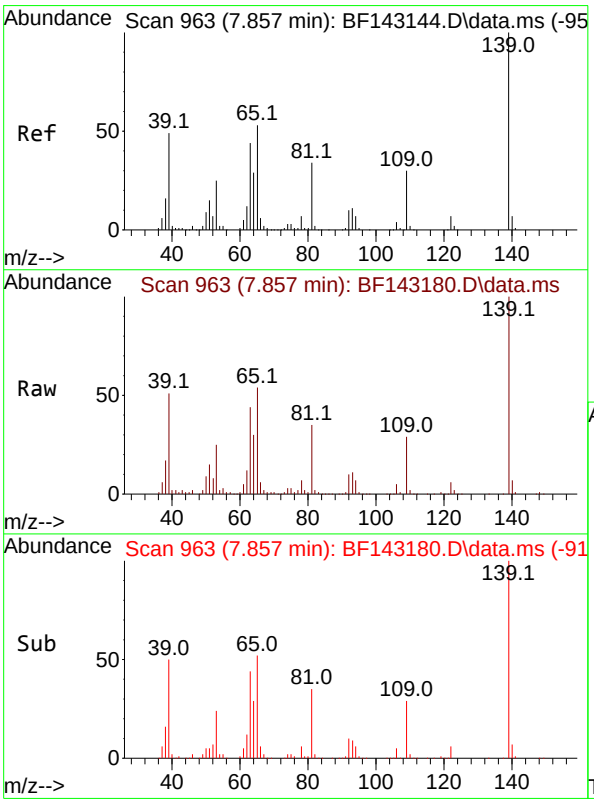
#25
Isophorone
Concen: 42.240 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 82 Resp: 722769

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.6	13.8	20.8

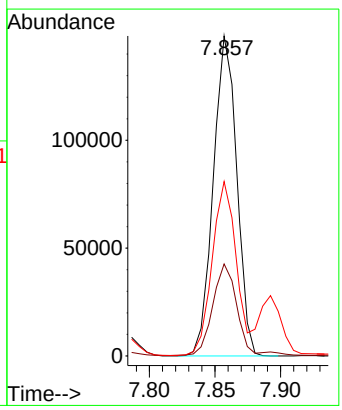


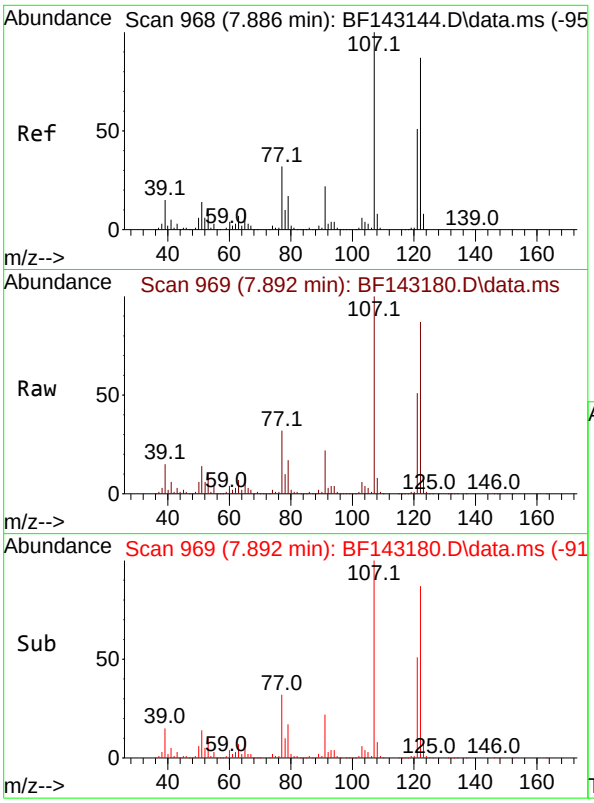


#26
2-Nitrophenol
Concen: 47.015 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 184391

Ion	Ratio	Lower	Upper
139	100		
109	28.7	23.6	35.4
65	54.5	42.6	64.0



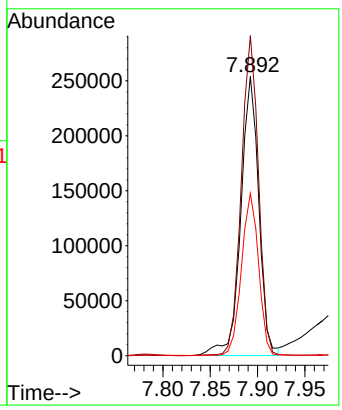


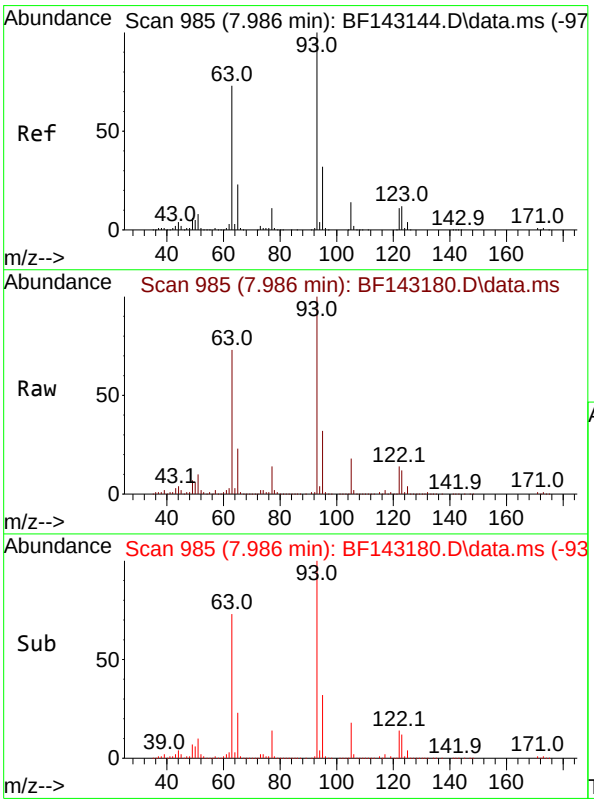
#27
2,4-Dimethylphenol
Concen: 42.048 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:122 Resp: 336155

Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.8	137.6
121	58.1	46.3	69.5

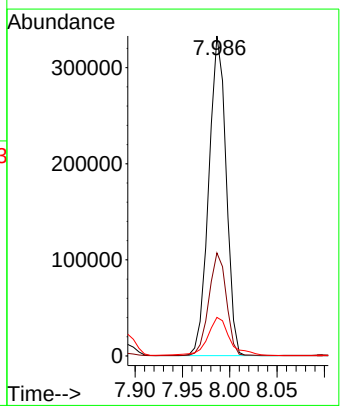


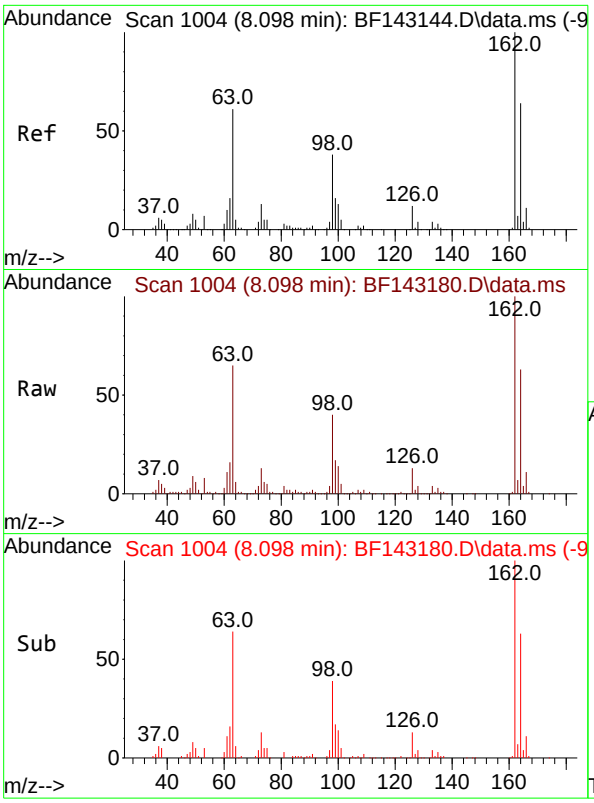


#28
bis(2-Chloroethoxy)methane
Concen: 41.383 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 424559

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.0	9.7	14.5



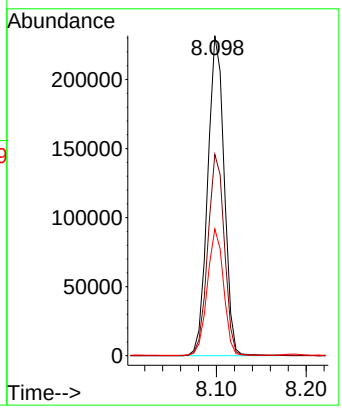


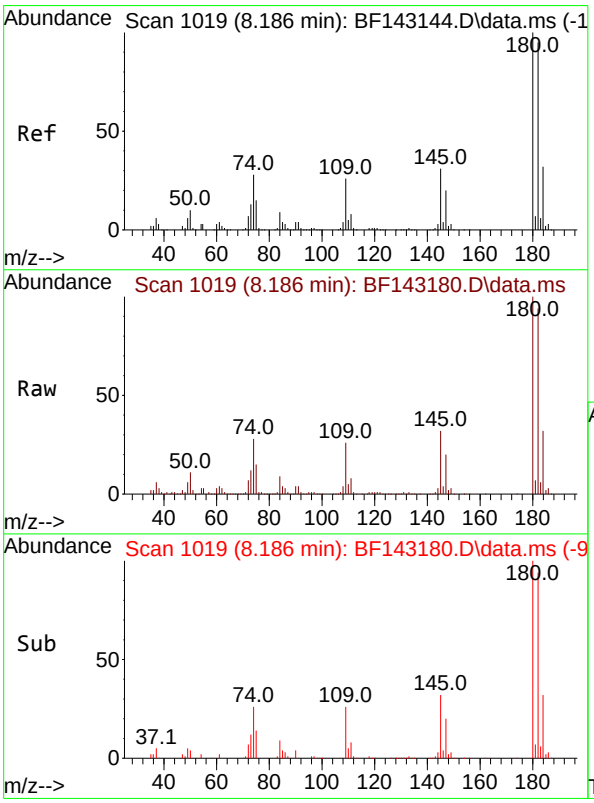
#29
2,4-Dichlorophenol
Concen: 43.850 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:162 Resp: 295634

Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.2	84.2
98	39.6	17.9	57.9

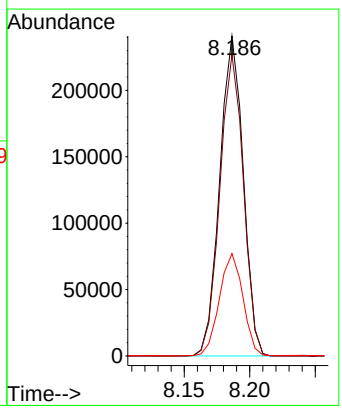


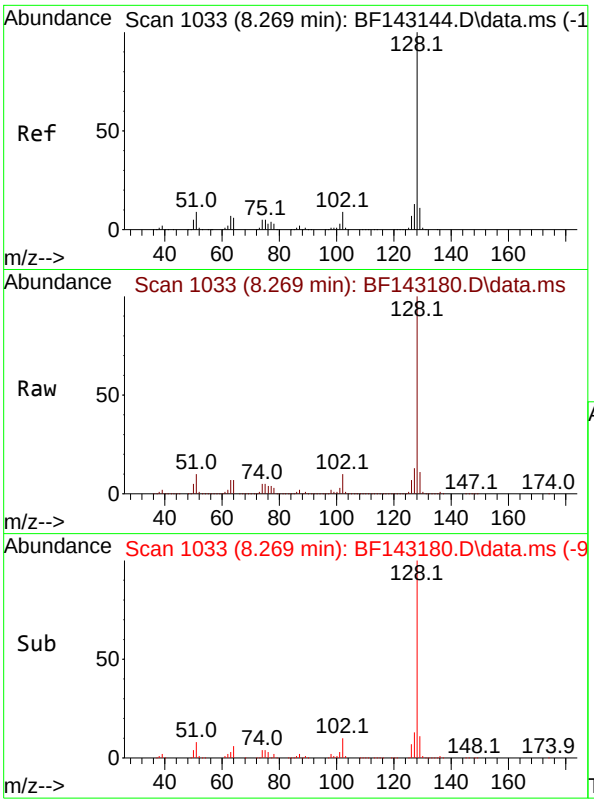


#30
1,2,4-Trichlorobenzene
Concen: 41.233 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:180 Resp: 300326

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	32.0	25.0	37.6



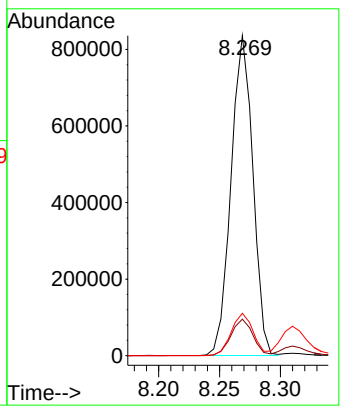


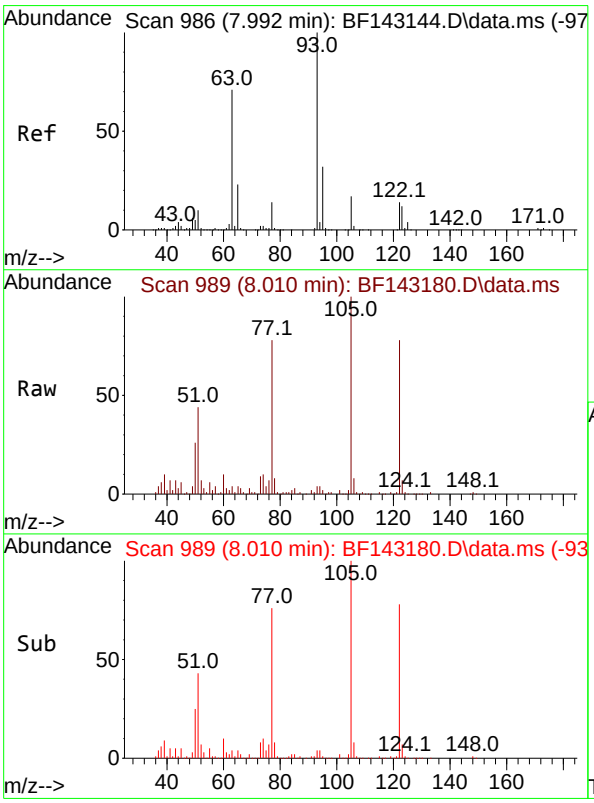
#31
Naphthalene
Concen: 43.865 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:128 Resp: 1043768

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.3	10.6	16.0

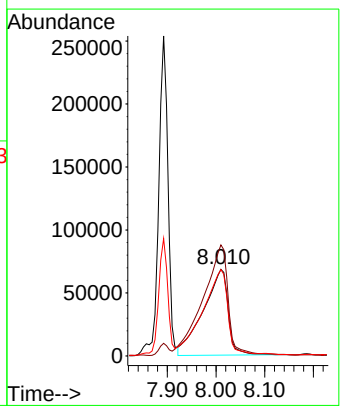


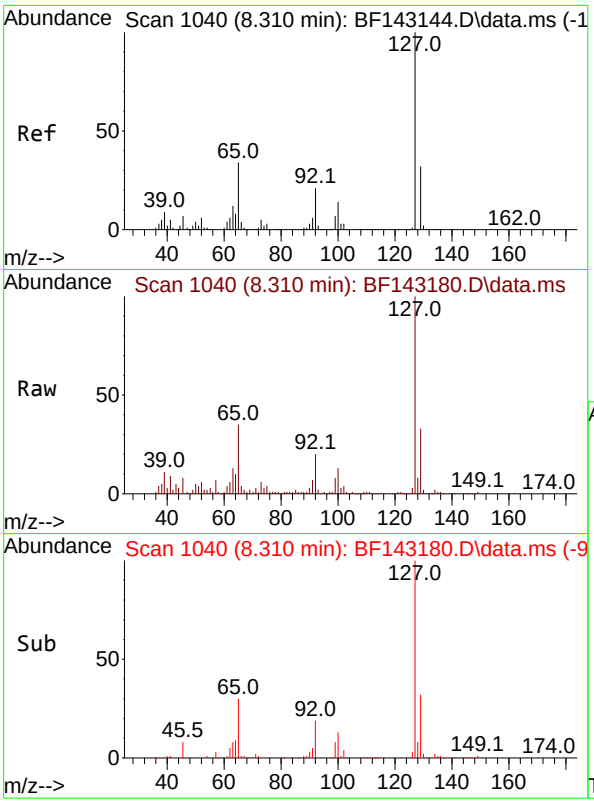


#32
Benzoic acid
Concen: 53.176 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:122 Resp: 242290

Ion	Ratio	Lower	Upper
122	100		
105	128.2	104.8	144.8
77	99.9	77.6	117.6



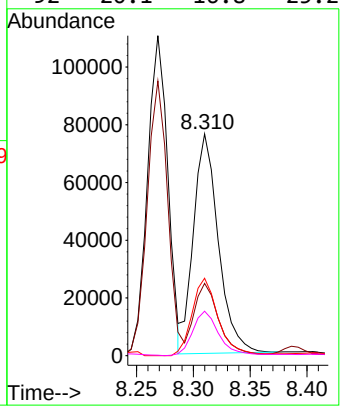


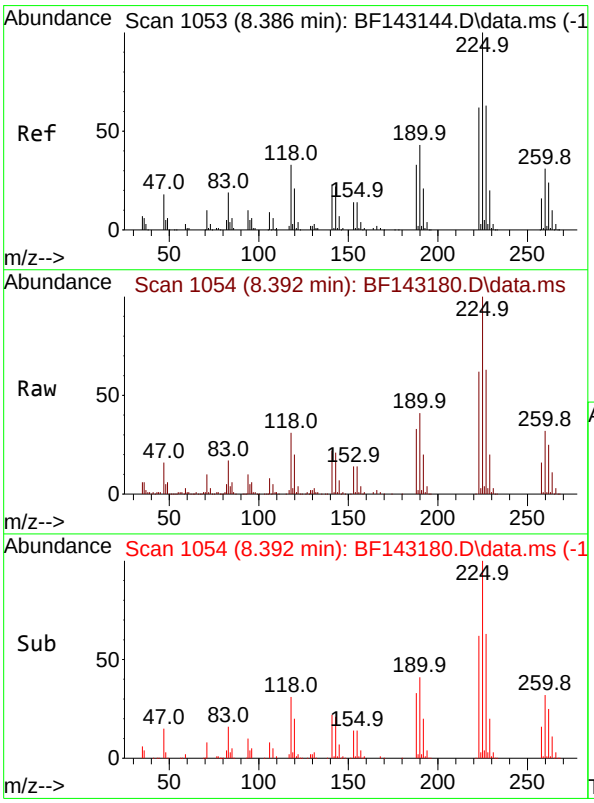
#33
4-Chloroaniline
Concen: 11.929 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:127 Resp: 115901

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	34.9	27.4	41.2
92	20.1	16.8	25.2

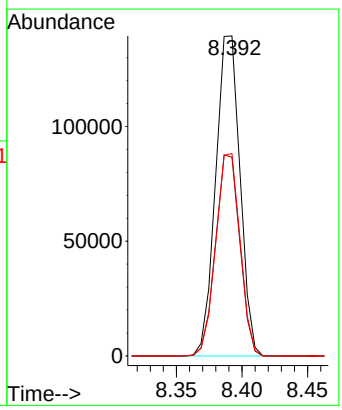


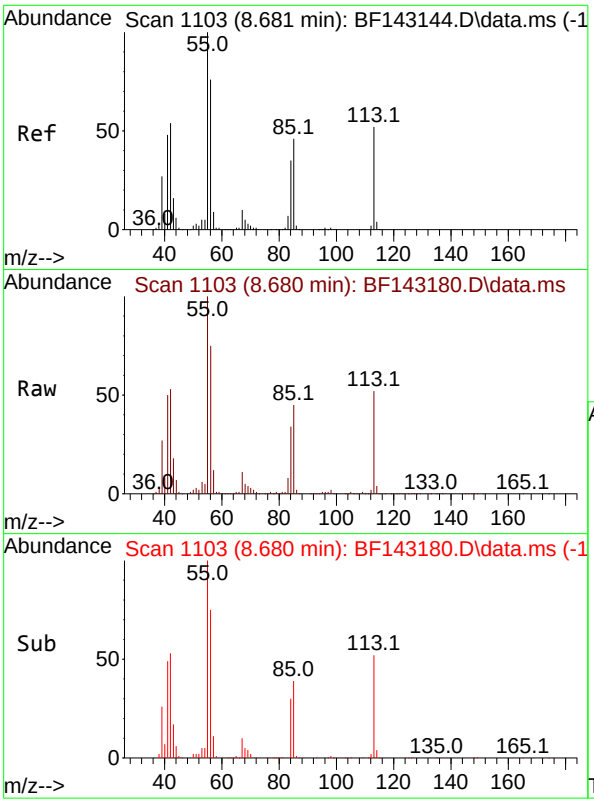


#34
Hexachlorobutadiene
Concen: 40.506 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:225 Resp: 180230

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	63.3	50.2	75.4



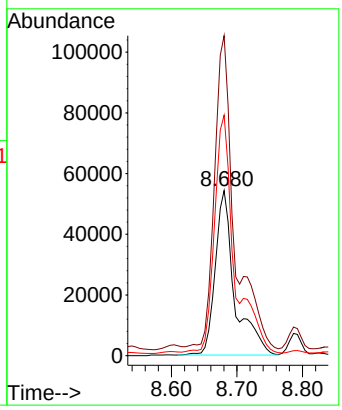


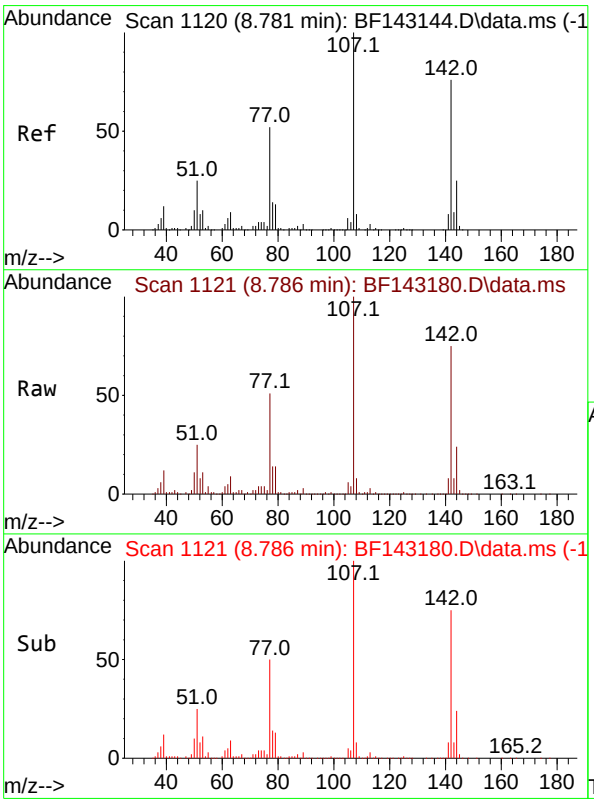
#35
Caprolactam
Concen: 54.796 ng
RT: 8.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:113 Resp: 111637

Ion	Ratio	Lower	Upper
113	100		
55	193.9	174.0	214.0
56	145.7	126.6	166.6

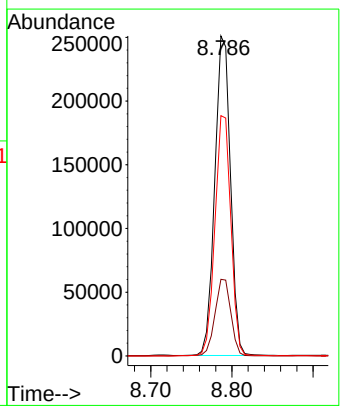


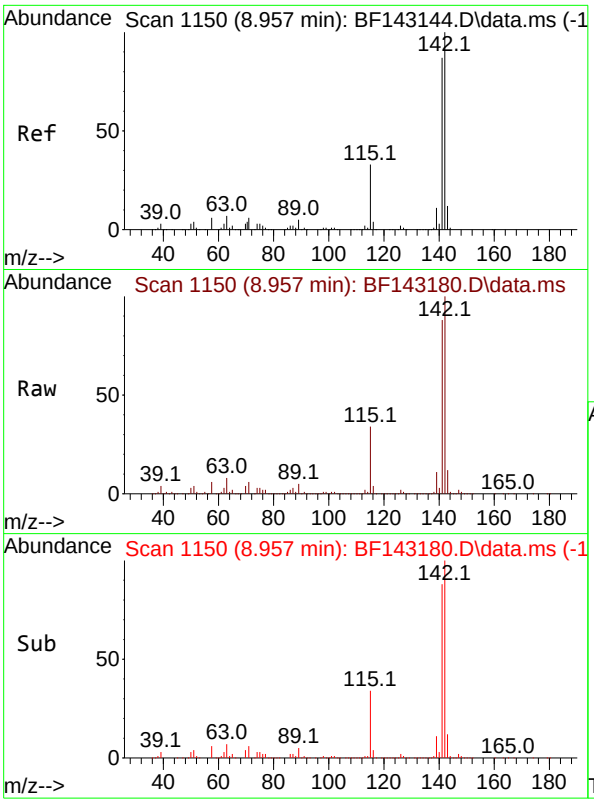


#36
4-Chloro-3-methylphenol
Concen: 46.079 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 337664

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.8	29.6
142	75.1	60.6	90.8



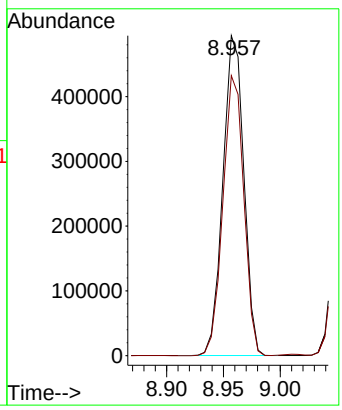


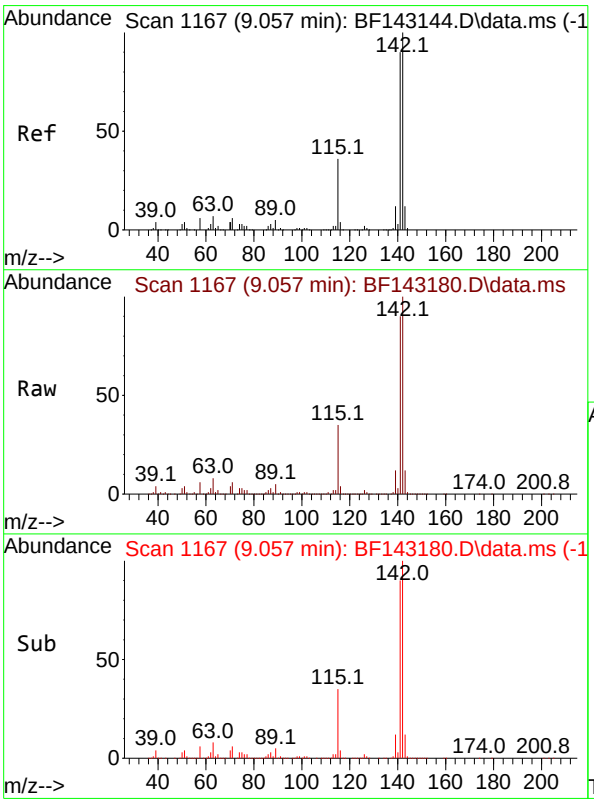
#37
2-Methylnaphthalene
Concen: 43.689 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:142 Resp: 632605

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9

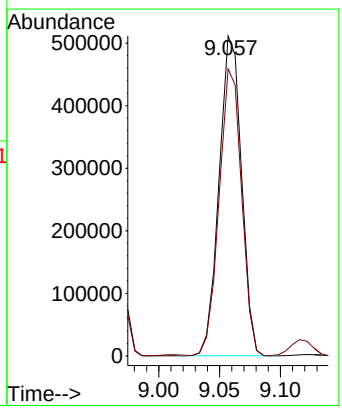


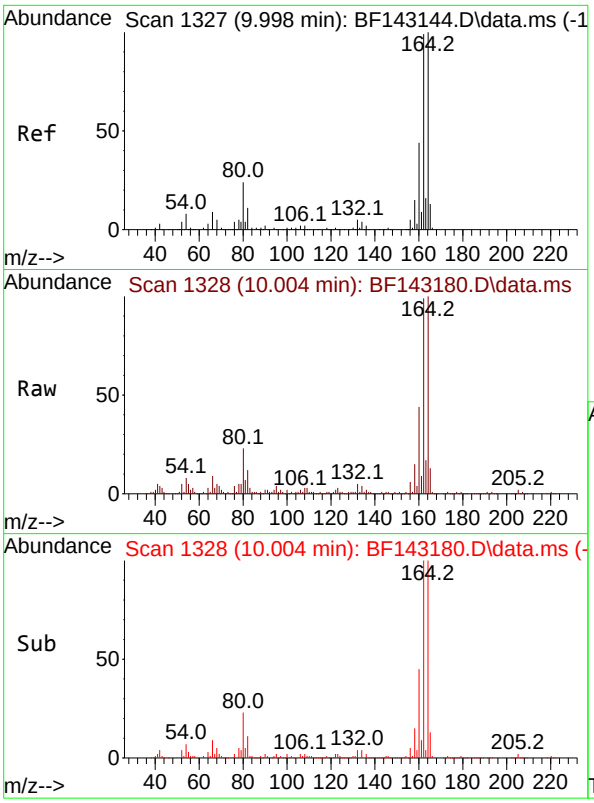


#38
1-Methylnaphthalene
Concen: 43.913 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:142 Resp: 654760

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5



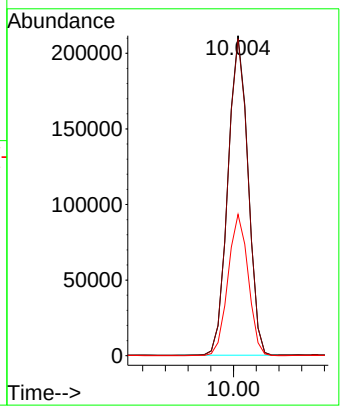


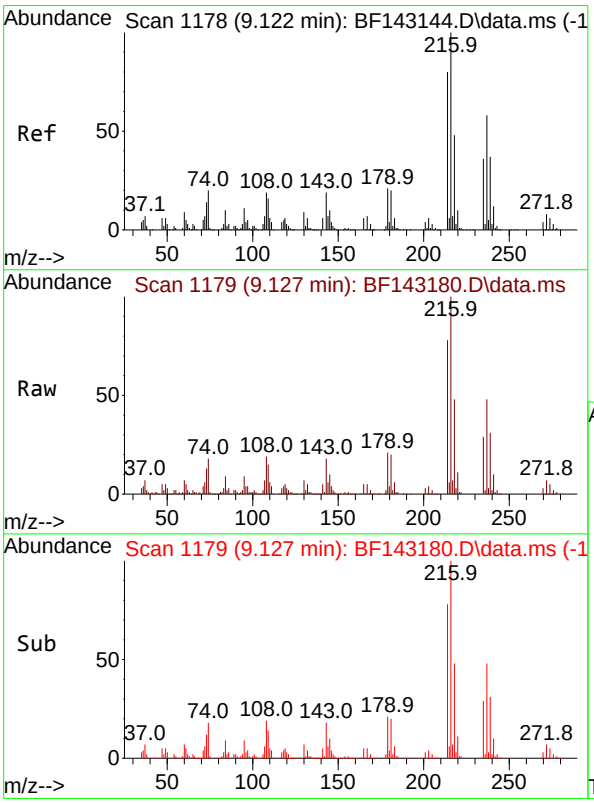
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:164 Resp: 258898

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.0	118.6
160	44.2	35.1	52.7

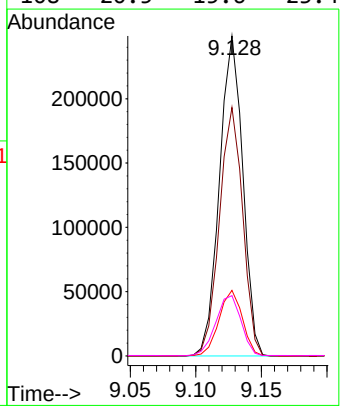


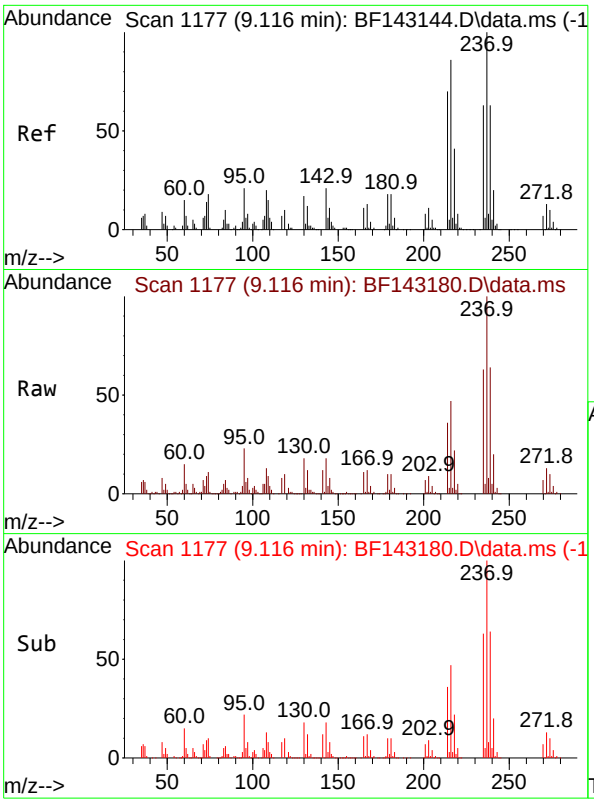


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.101 ng
RT: 9.127 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:216 Resp: 307216

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.8	95.8
179	20.6	16.4	24.6
108	20.5	15.6	23.4



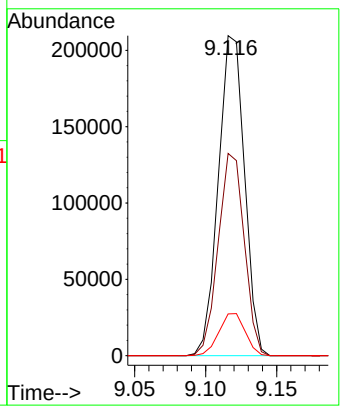


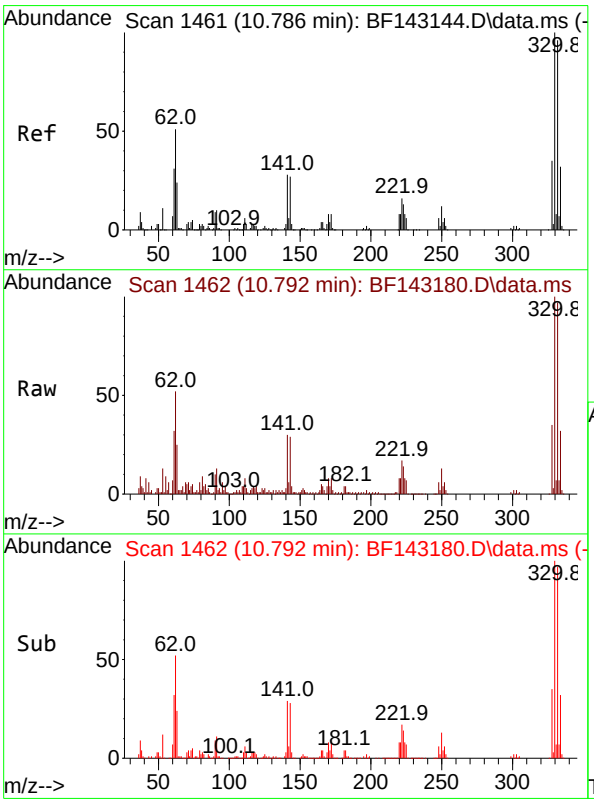
#41
Hexachlorocyclopentadiene
Concen: 55.342 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:237 Resp: 269158

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.1	0.0	33.3

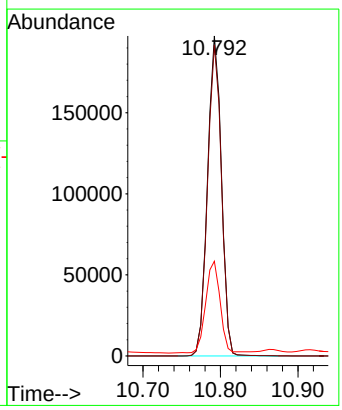


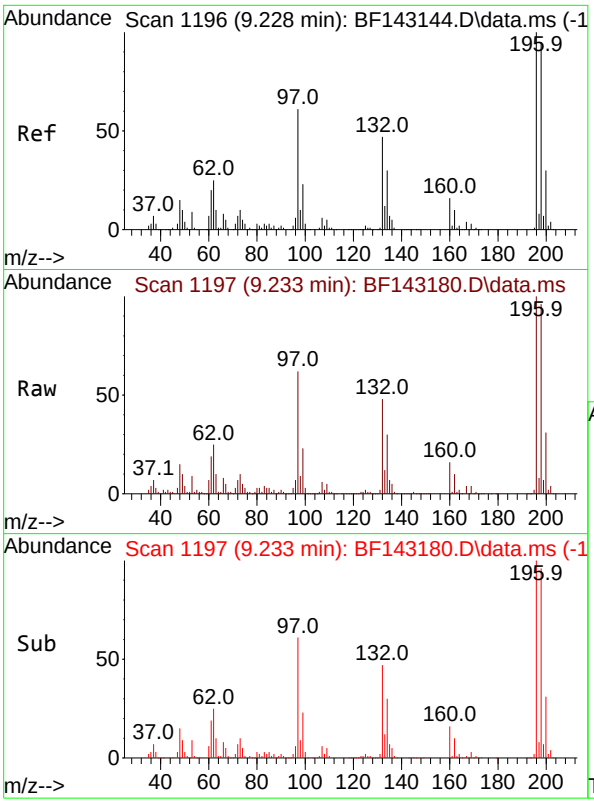


#42
2,4,6-Tribromophenol
Concen: 91.952 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:330 Resp: 245931

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.7	115.1
141	29.7	23.3	34.9



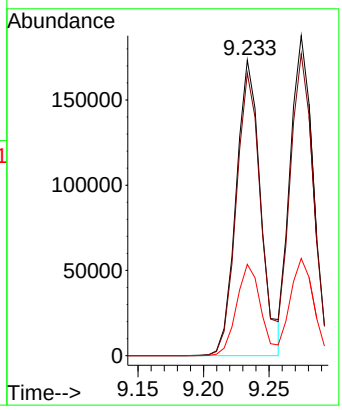


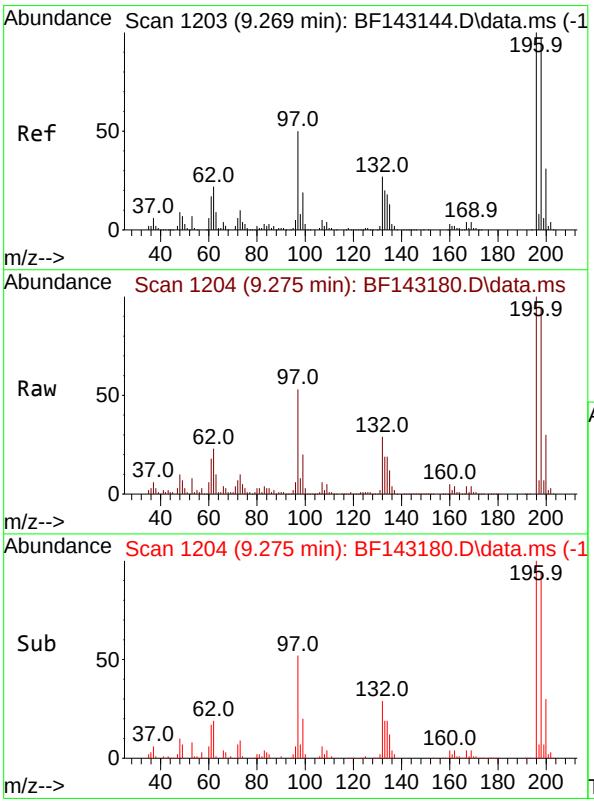
#43
2,4,6-Trichlorophenol
Concen: 43.631 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:196 Resp: 225706

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.2	114.2
200	30.9	23.9	35.9

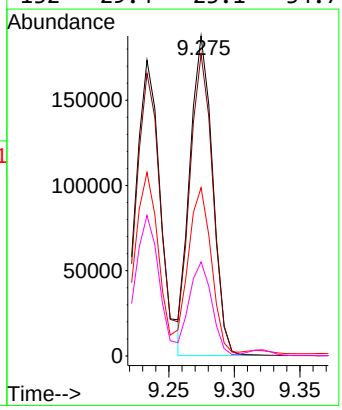


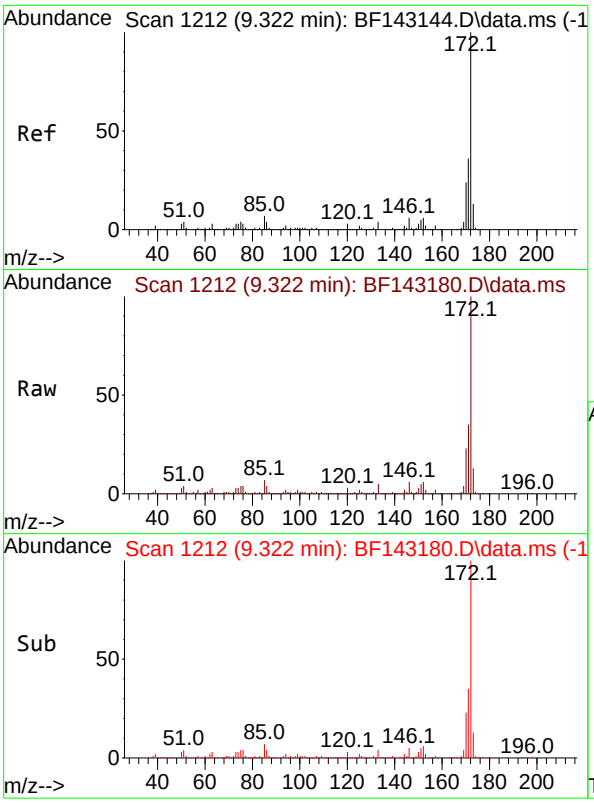


#44
2,4,5-Trichlorophenol
Concen: 43.678 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:196 Resp: 226021

Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.3	115.9
97	52.6	40.3	60.5
132	29.4	23.1	34.7



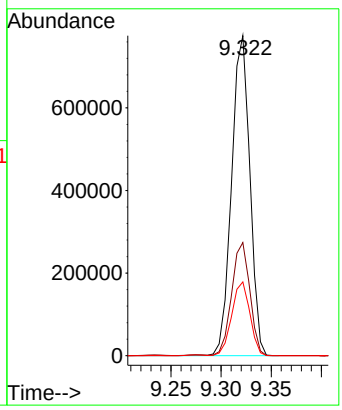


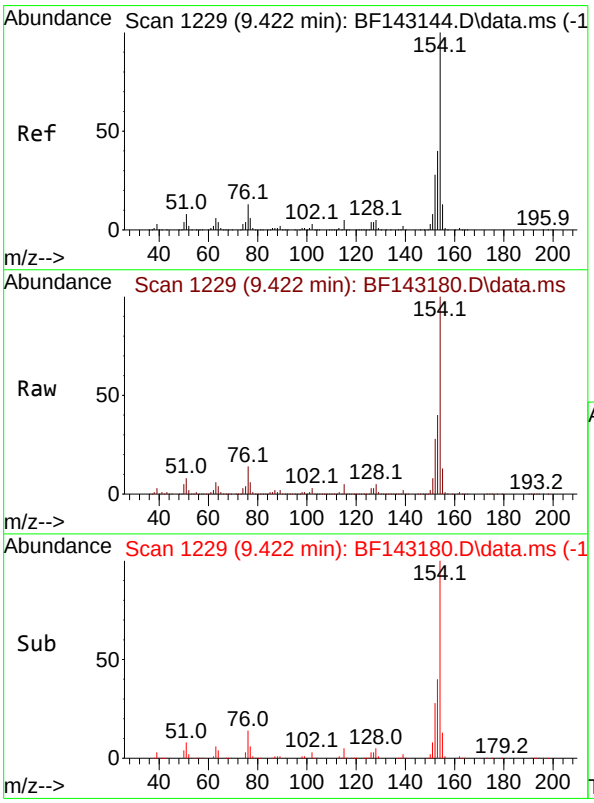
#45
2-Fluorobiphenyl
Concen: 51.991 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:172 Resp: 984221

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.0	18.8	28.2

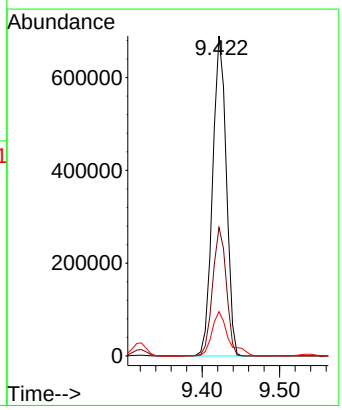


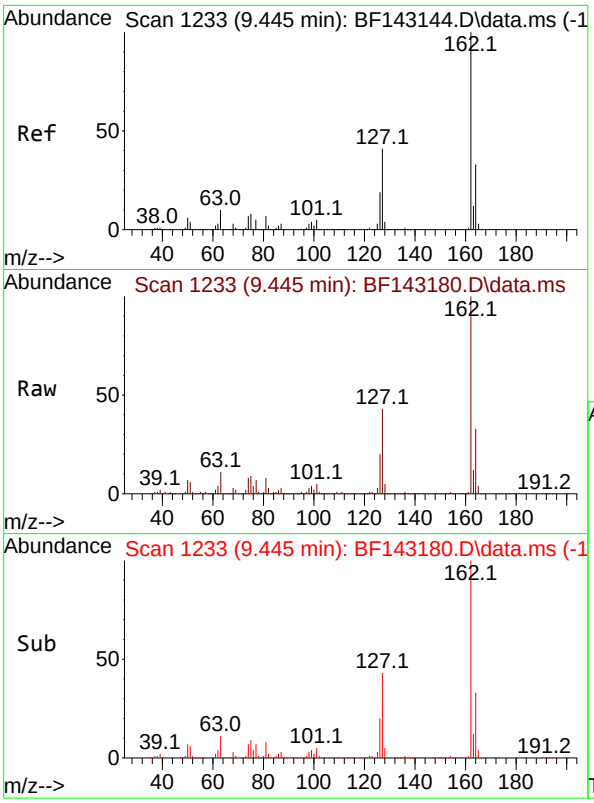


#46
1,1'-Biphenyl
Concen: 41.871 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 845751

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.9	0.0	33.3



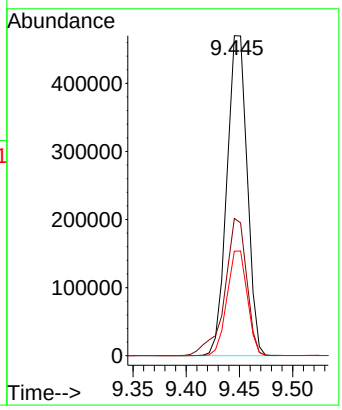


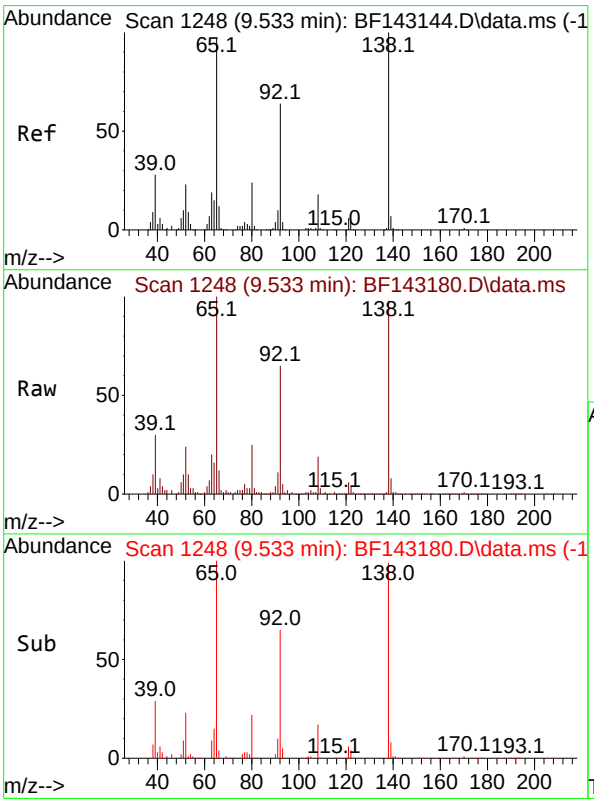
#47
2-Chloronaphthalene
Concen: 41.652 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:162 Resp: 622529

Ion	Ratio	Lower	Upper
162	100		
127	42.9	33.4	50.2
164	32.7	26.2	39.2

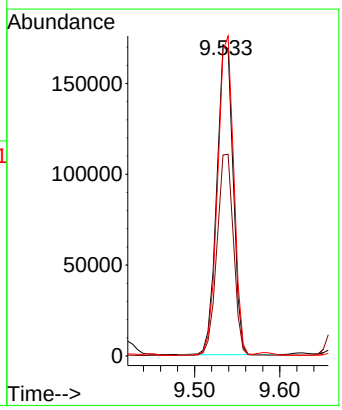


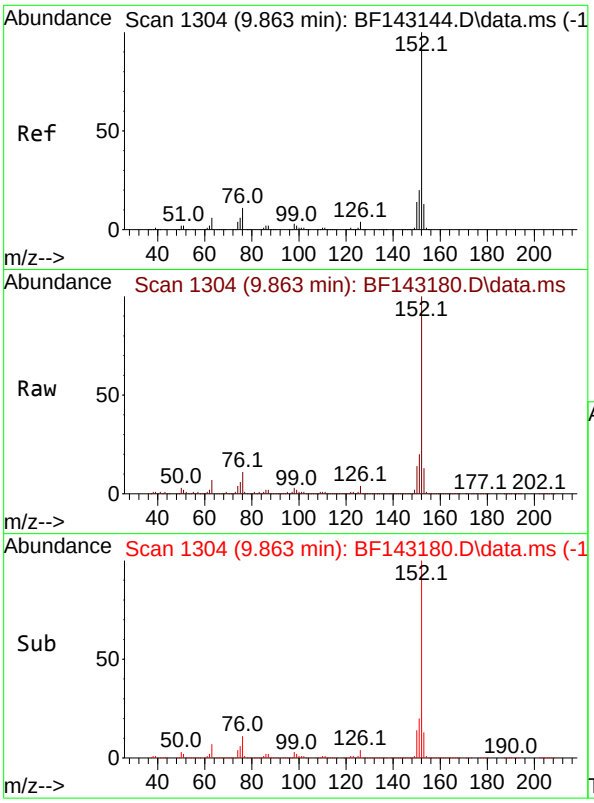


#48
2-Nitroaniline
Concen: 48.685 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 65 Resp: 228188

Ion	Ratio	Lower	Upper
65	100		
92	64.6	52.4	78.6
138	98.0	82.3	123.5



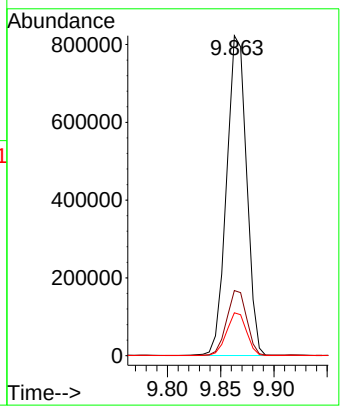


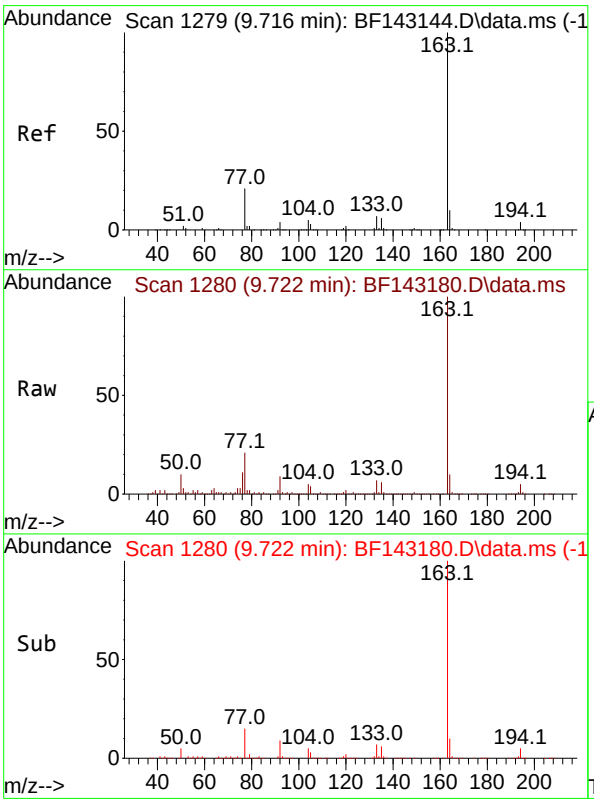
#49
Acenaphthylene
Concen: 42.895 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:152 Resp: 1074389

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.4	10.6	16.0

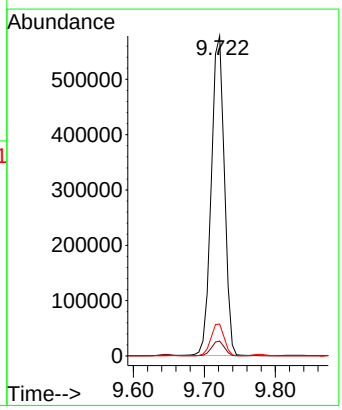


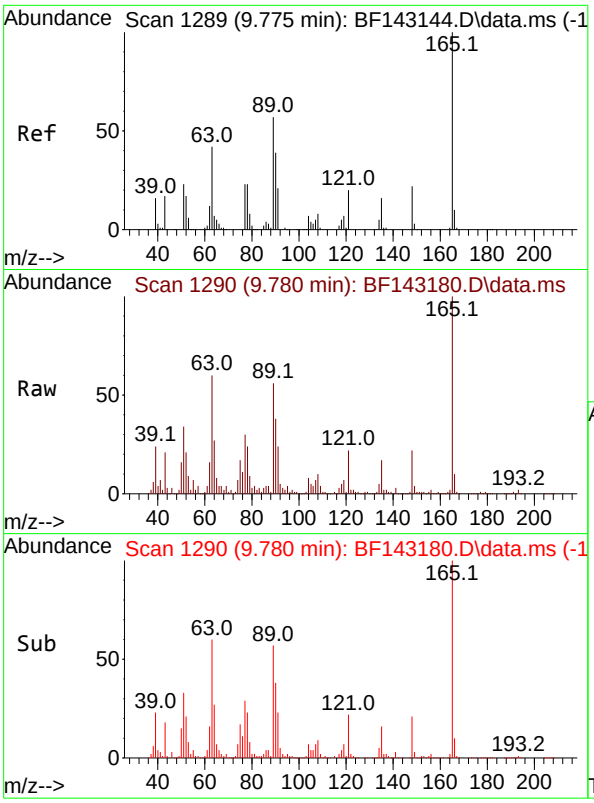


#50
Dimethylphthalate
Concen: 43.820 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:163 Resp: 739486

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.3	12.5



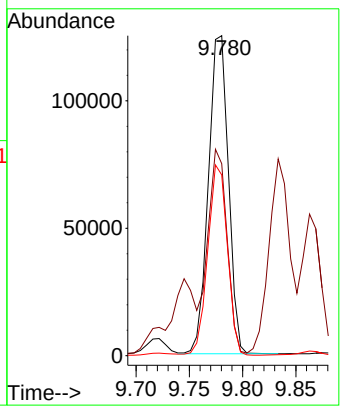


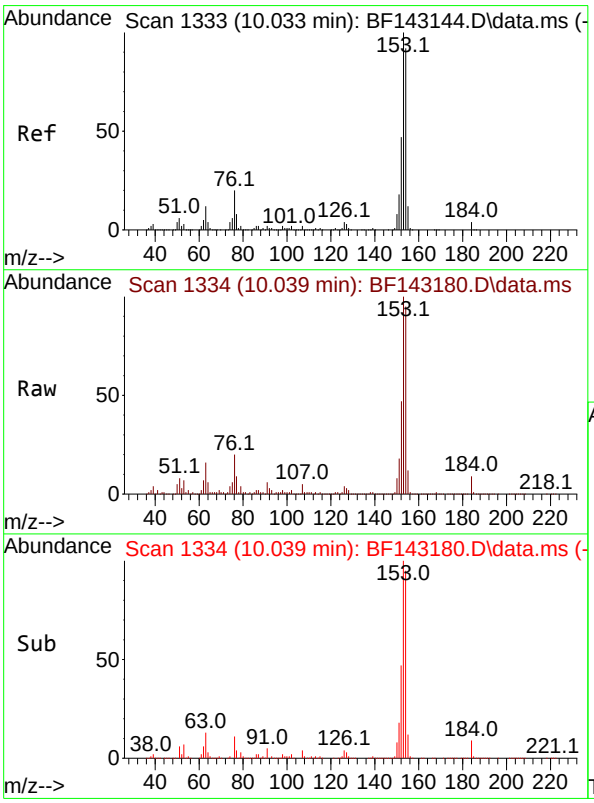
#51
2,6-Dinitrotoluene
Concen: 47.374 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:165 Resp: 162636

Ion	Ratio	Lower	Upper
165	100		
63	60.0	49.4	74.2
89	56.5	46.2	69.2

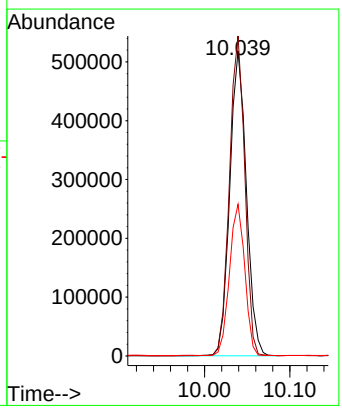


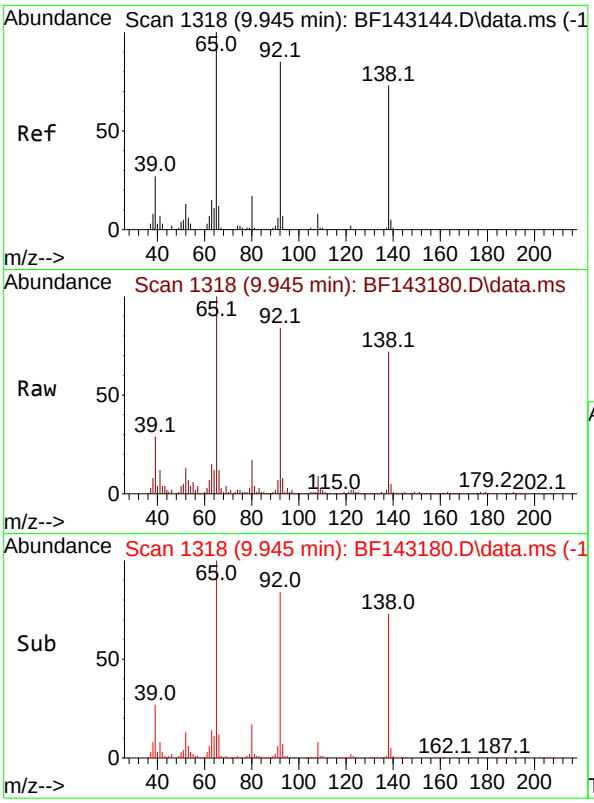


#52
Acenaphthene
Concen: 47.447 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 702409

Ion	Ratio	Lower	Upper
154	100		
153	105.0	86.6	129.8
152	49.7	40.4	60.6



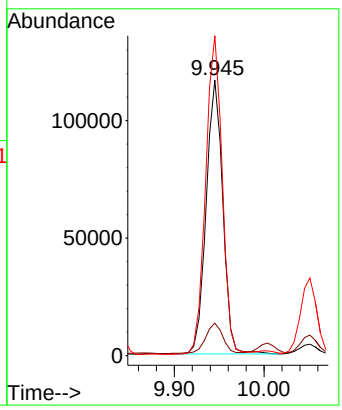


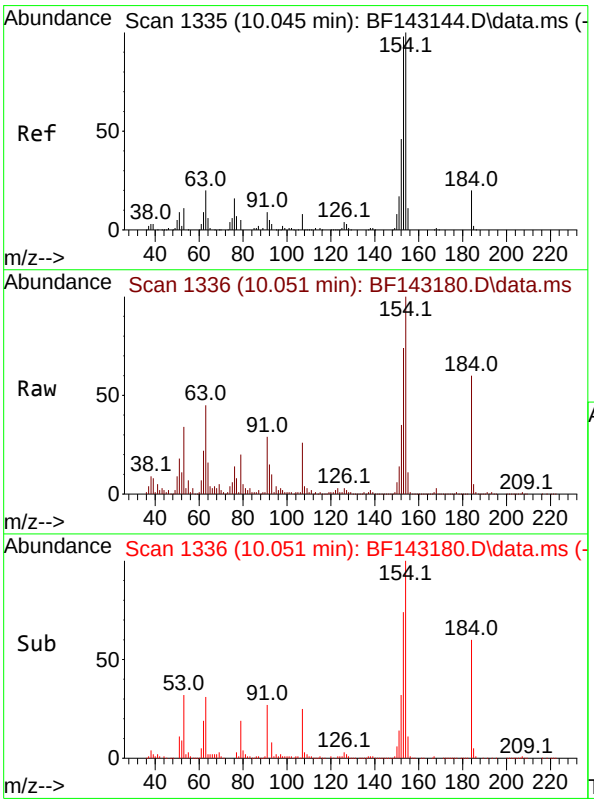
#53
3-Nitroaniline
Concen: 37.411 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:138 Resp: 150223

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.0	13.6
92	116.1	93.0	139.4

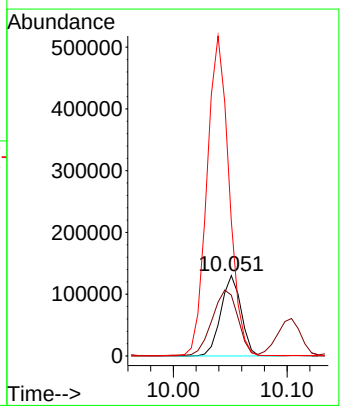


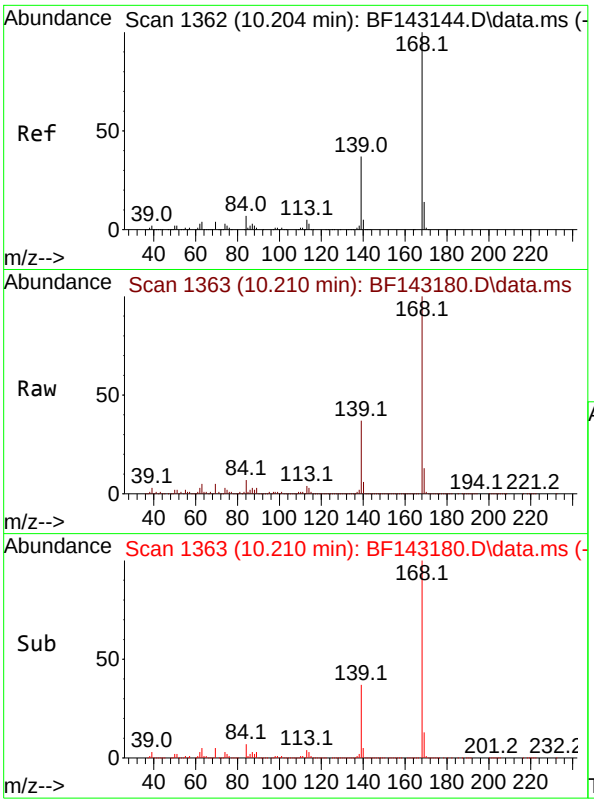


#54
2,4-Dinitrophenol
Concen: 101.891 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:184 Resp: 161630

Ion	Ratio	Lower	Upper
184	100		
63	75.6	81.8	122.6#
154	167.8	412.2	618.4#



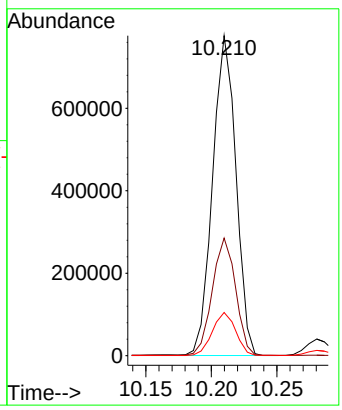


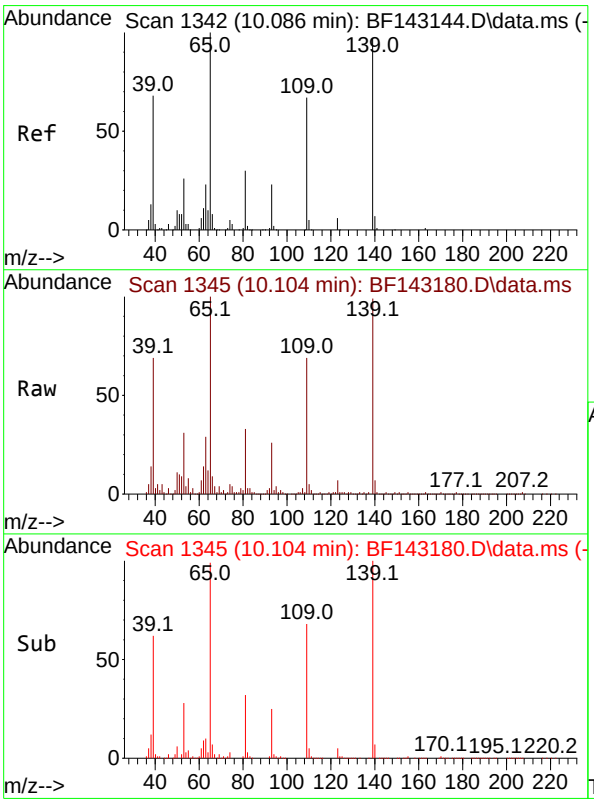
#55
Dibenzofuran
Concen: 43.628 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:168 Resp: 958909

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.5	44.3
169	13.5	10.9	16.3

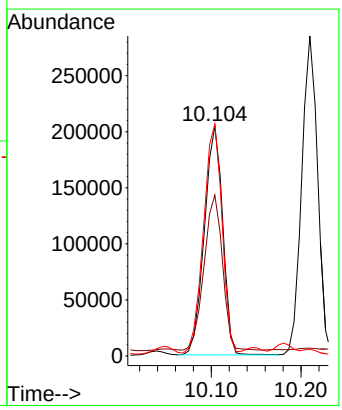


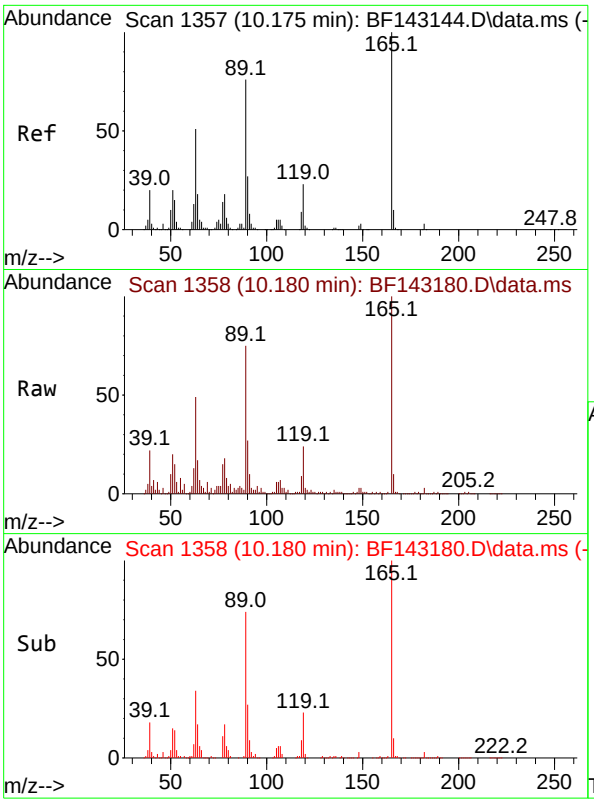


#56
4-Nitrophenol
Concen: 96.784 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 290208

Ion	Ratio	Lower	Upper
139	100		
109	70.0	48.5	88.5
65	101.0	83.4	123.4



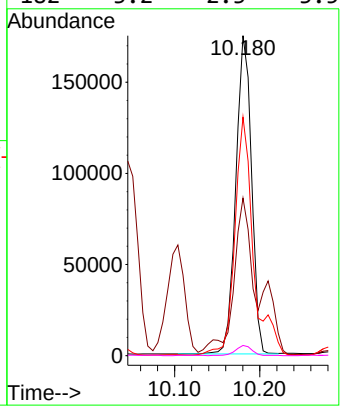


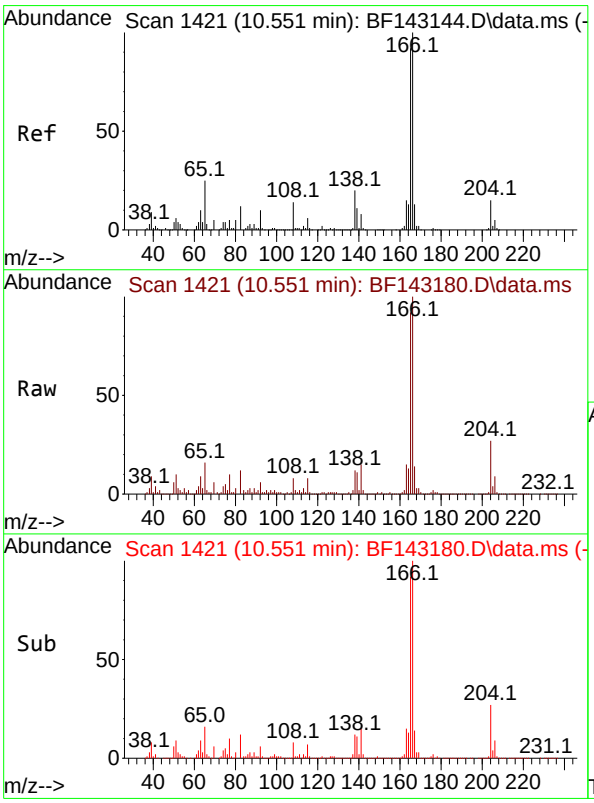
#57
2,4-Dinitrotoluene
Concen: 51.692 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:165 Resp: 222639

Ion	Ratio	Lower	Upper
165	100		
63	49.3	41.0	61.4
89	74.5	61.1	91.7
182	3.2	2.3	3.5

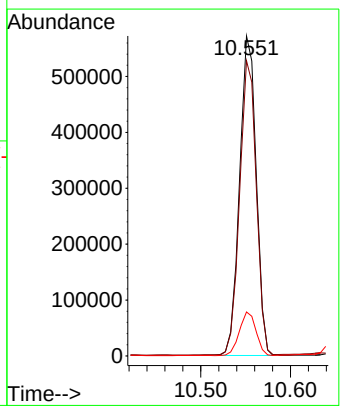


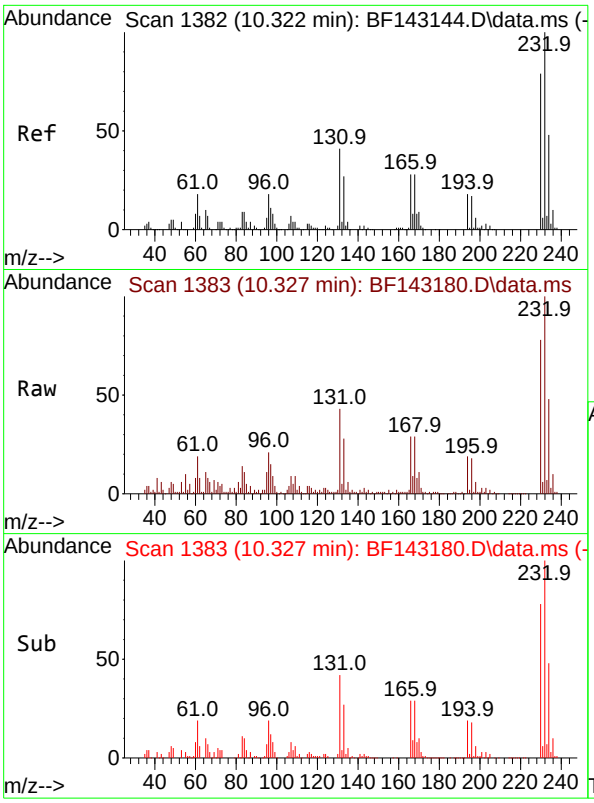


#58
Fluorene
Concen: 44.574 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:166 Resp: 735293

Ion	Ratio	Lower	Upper
166	100		
165	92.3	73.7	110.5
167	13.7	10.6	16.0



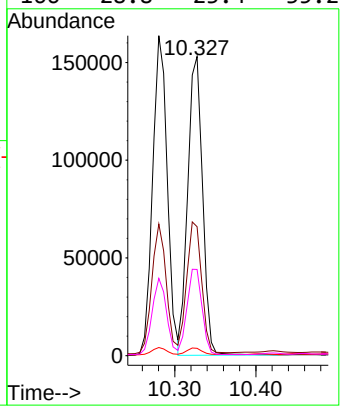


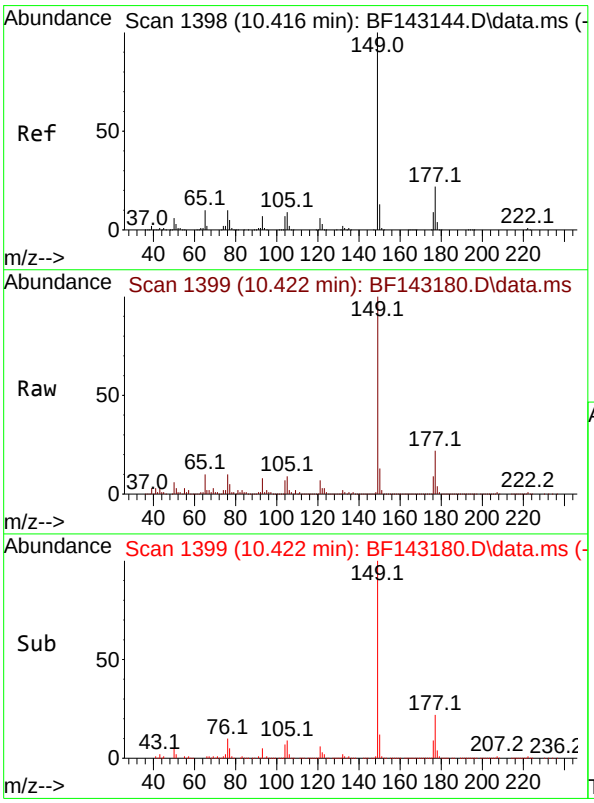
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.297 ng
RT: 10.327 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:232 Resp: 194167

Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.3	52.9
130	2.4	1.7	2.5
166	28.8	23.4	35.2

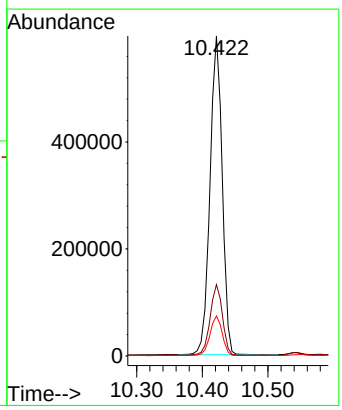


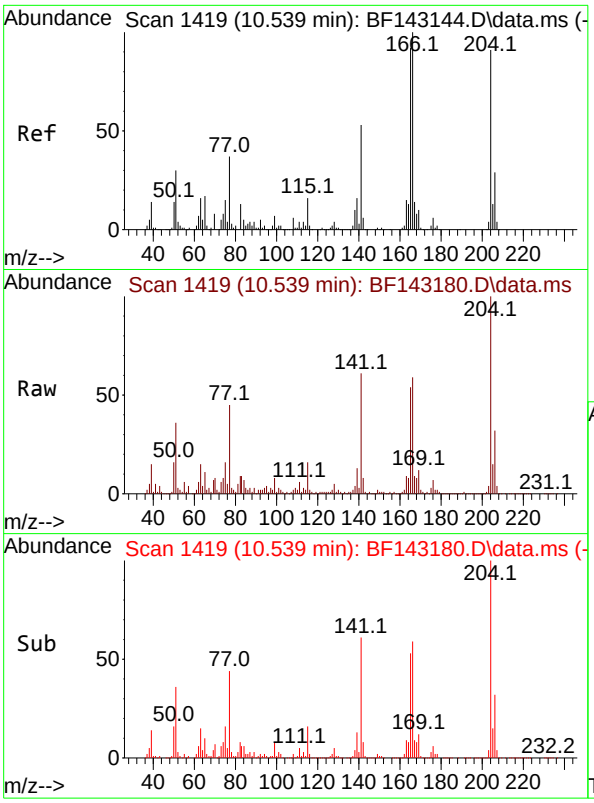


#60
Diethylphthalate
Concen: 46.169 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 770106

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.5	26.3
150	12.5	10.2	15.2



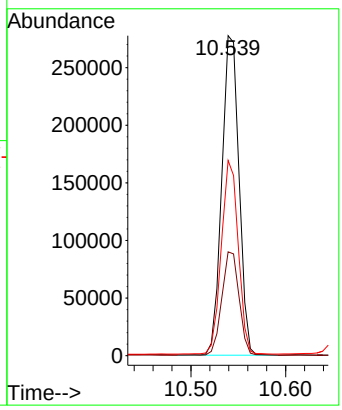


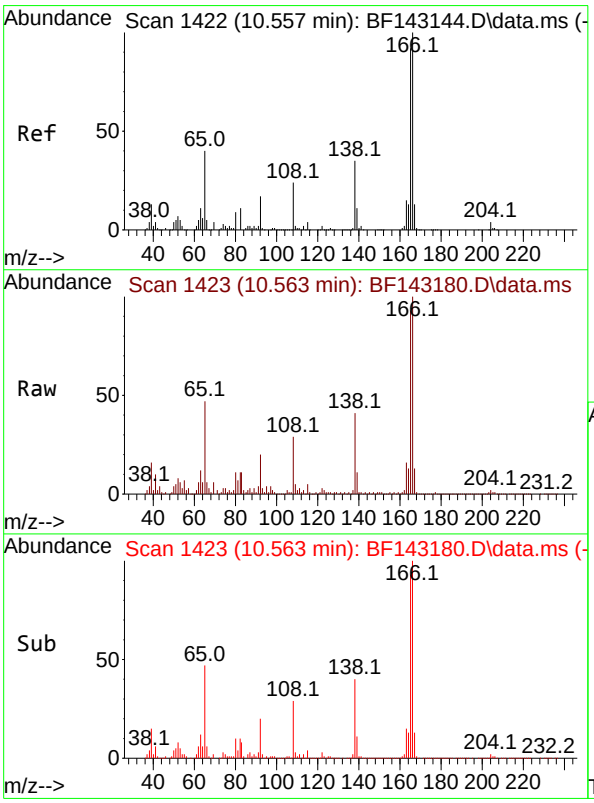
#61
4-Chlorophenyl-phenylether
Concen: 42.644 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:204 Resp: 350275

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.8
141	61.0	47.0	70.4

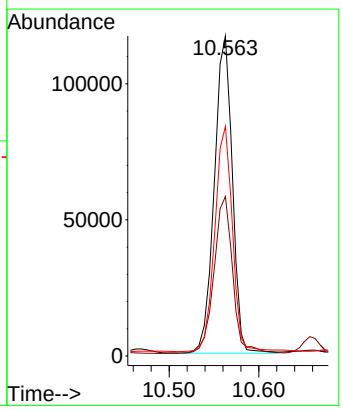


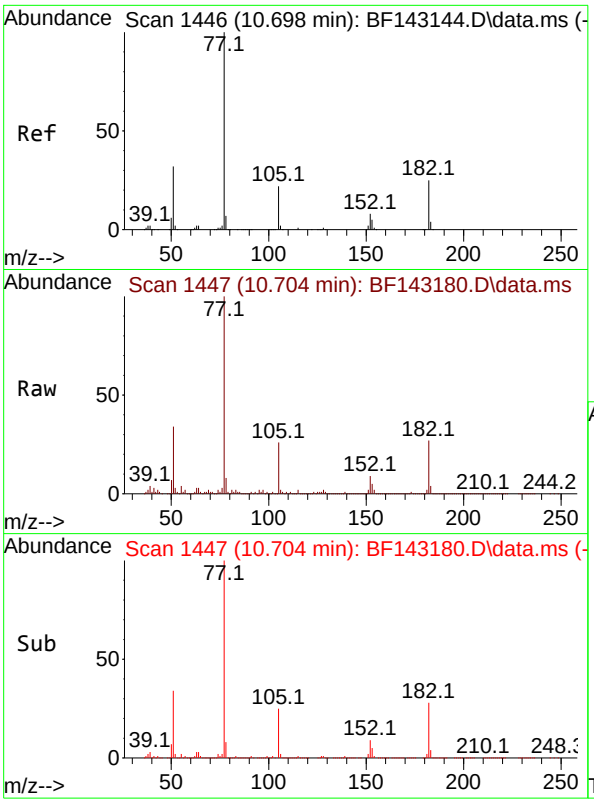


#62
4-Nitroaniline
Concen: 47.227 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:138 Resp: 162531

Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.3	69.3
108	71.8	48.3	88.3



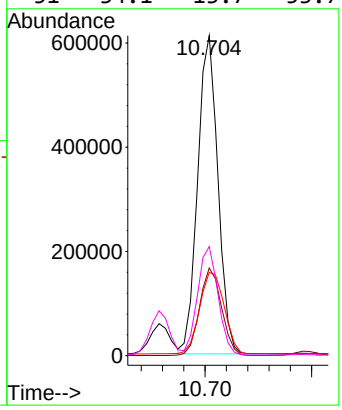


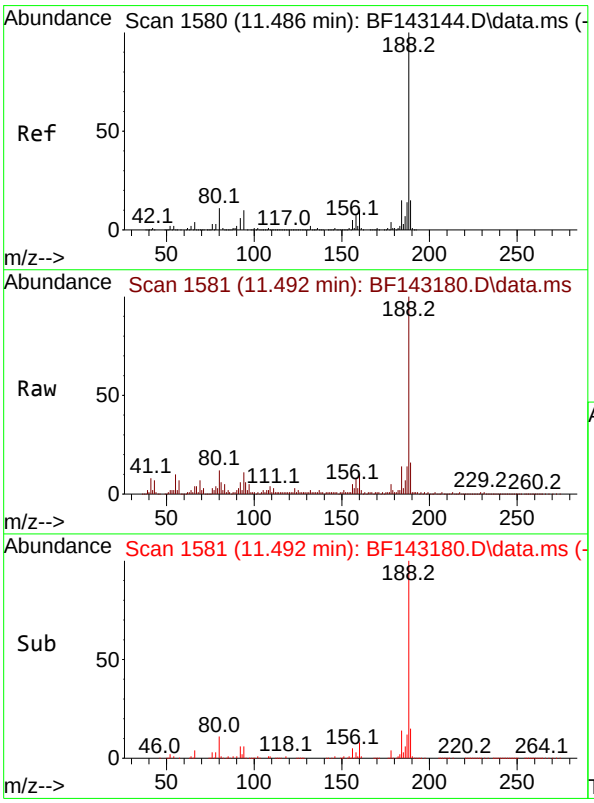
#63
Azobenzene
Concen: 46.418 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 77 Resp: 806940

Ion	Ratio	Lower	Upper
77	100		
182	27.4	4.6	44.6
105	26.0	1.4	41.4
51	34.1	13.7	53.7

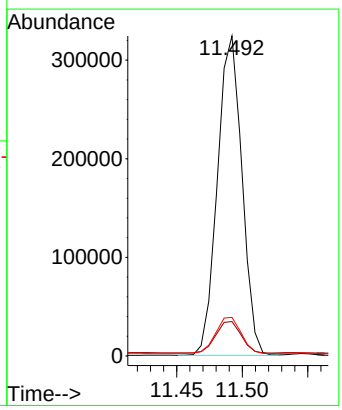


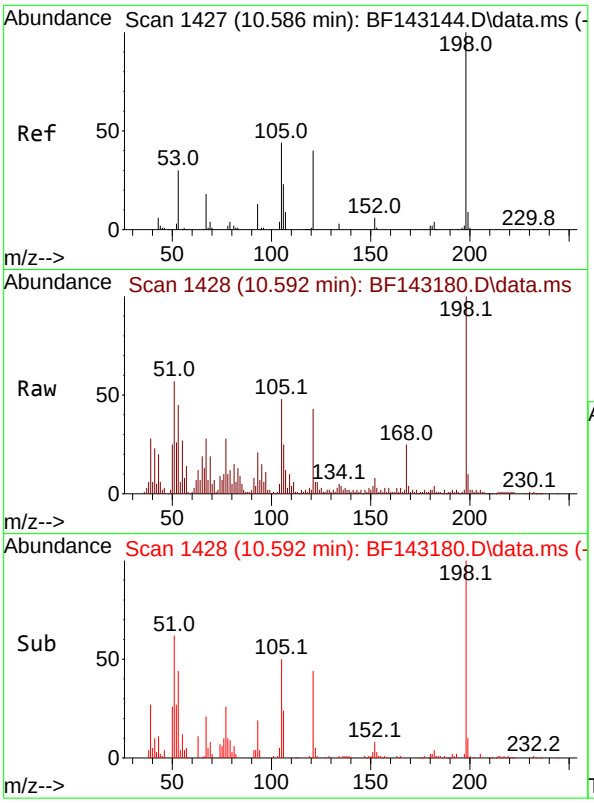


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:188 Resp: 420723

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	12.1	9.0	13.6



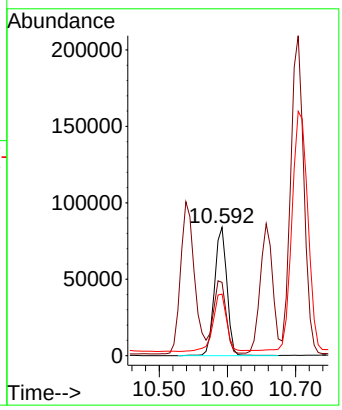


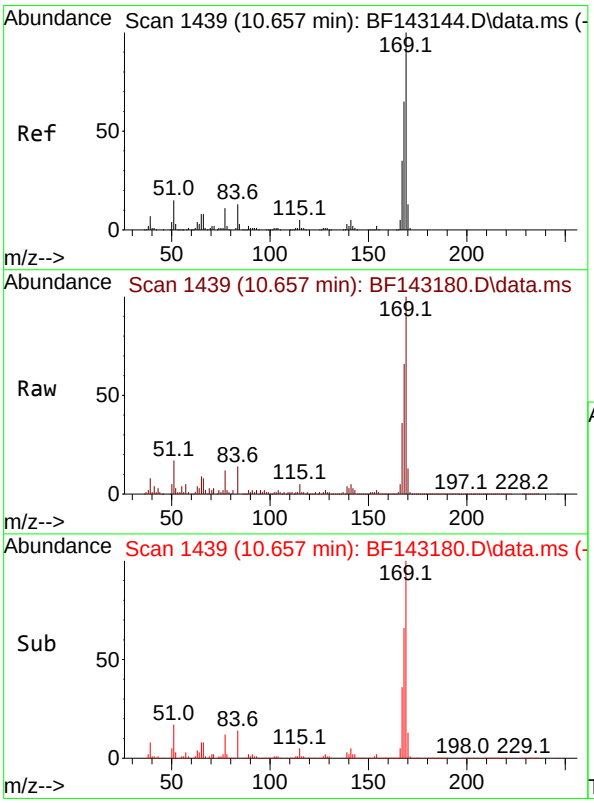
#65
4,6-Dinitro-2-methylphenol
Concen: 48.125 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:198 Resp: 106177

Ion	Ratio	Lower	Upper
198	100		
51	57.2	37.2	77.2
105	48.1	24.8	64.8

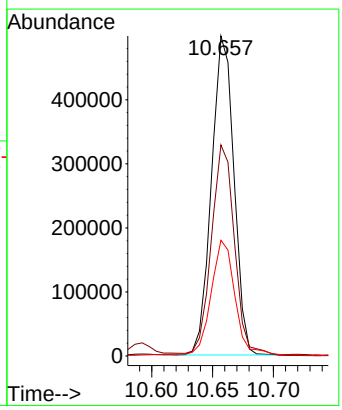


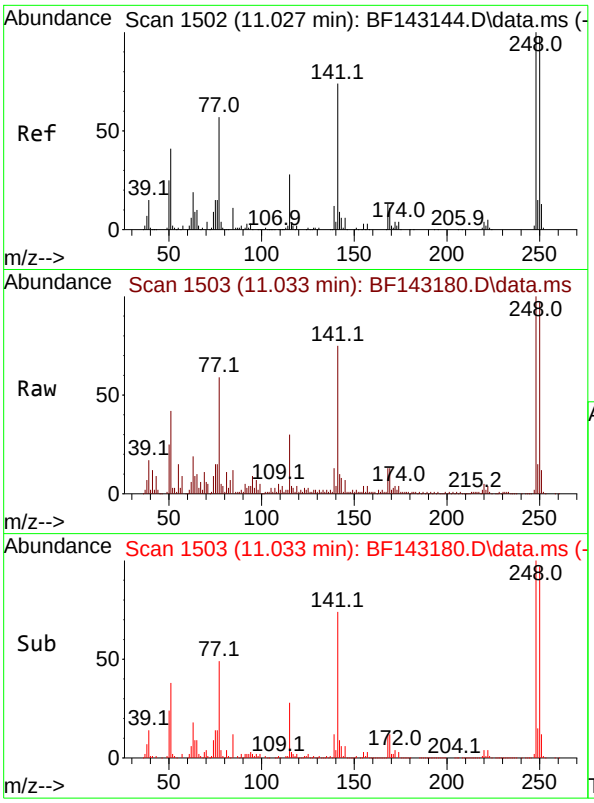


#66
n-Nitrosodiphenylamine
Concen: 43.218 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:169 Resp: 640269

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.1	78.1
167	36.2	28.2	42.2



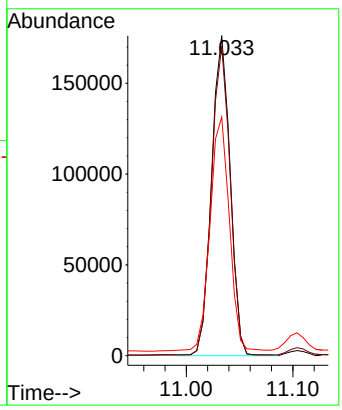


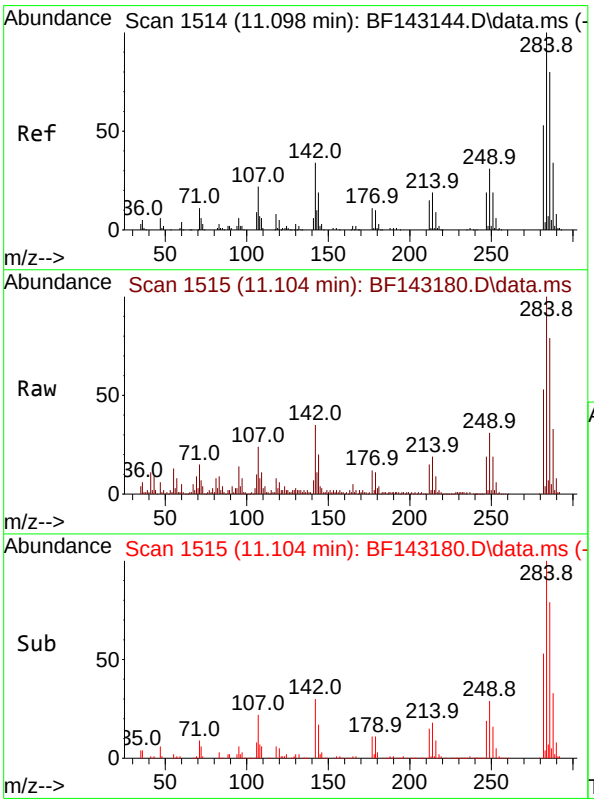
#67
4-Bromophenyl-phenylether
Concen: 42.890 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:248 Resp: 215047

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.3	117.5
141	74.6	59.2	88.8

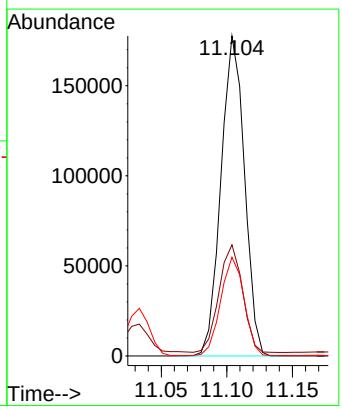


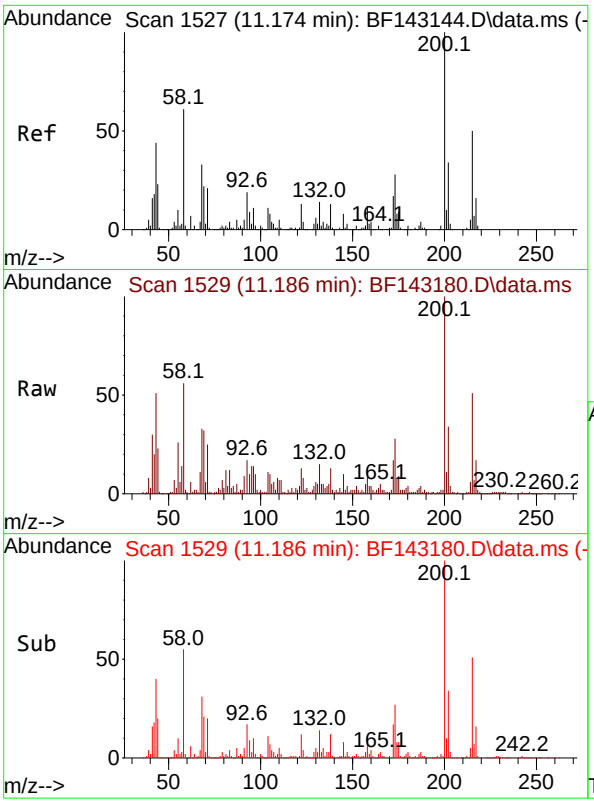


#68
Hexachlorobenzene
Concen: 42.221 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:284 Resp: 221260

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.0	40.6
249	30.9	25.0	37.6



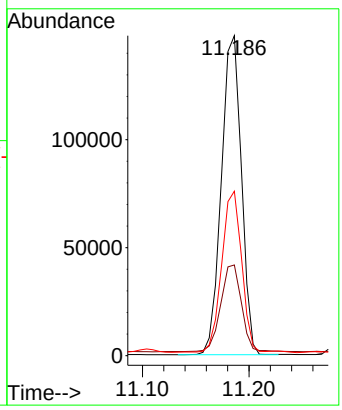


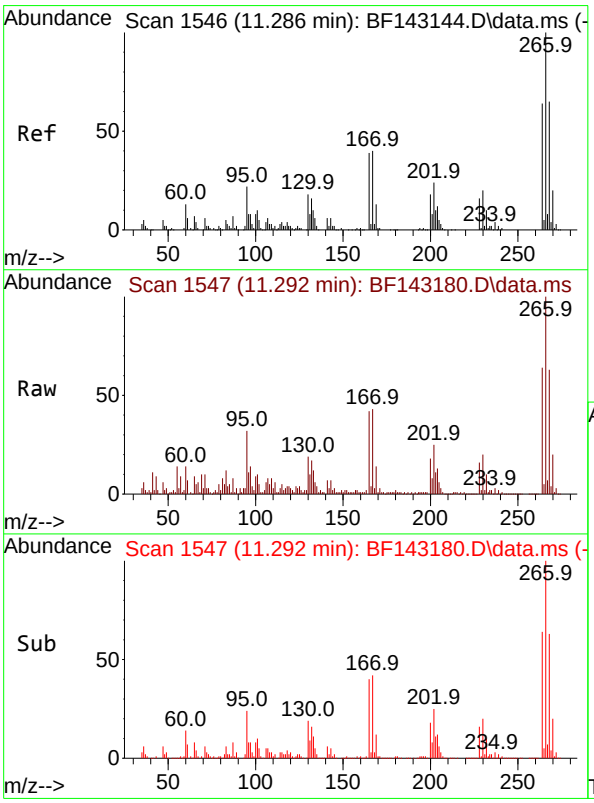
#69
Atrazine
Concen: 47.184 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:200 Resp: 192717

Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.9	47.9
215	51.4	30.1	70.1

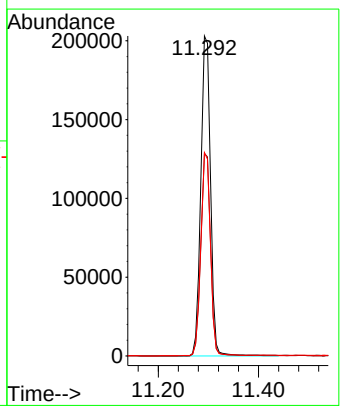


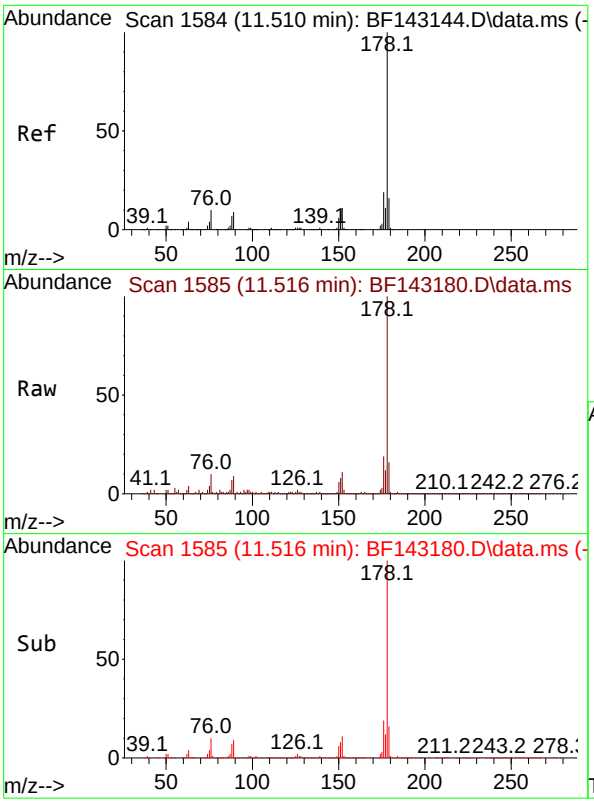


#70
Pentachlorophenol
Concen: 88.880 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:266 Resp: 273917

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	63.5	51.0	76.6



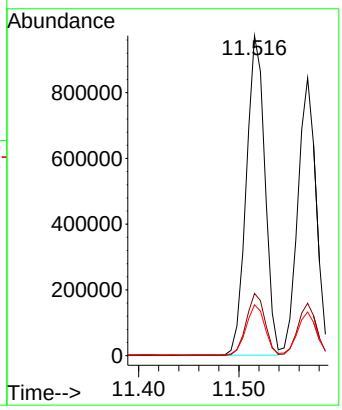


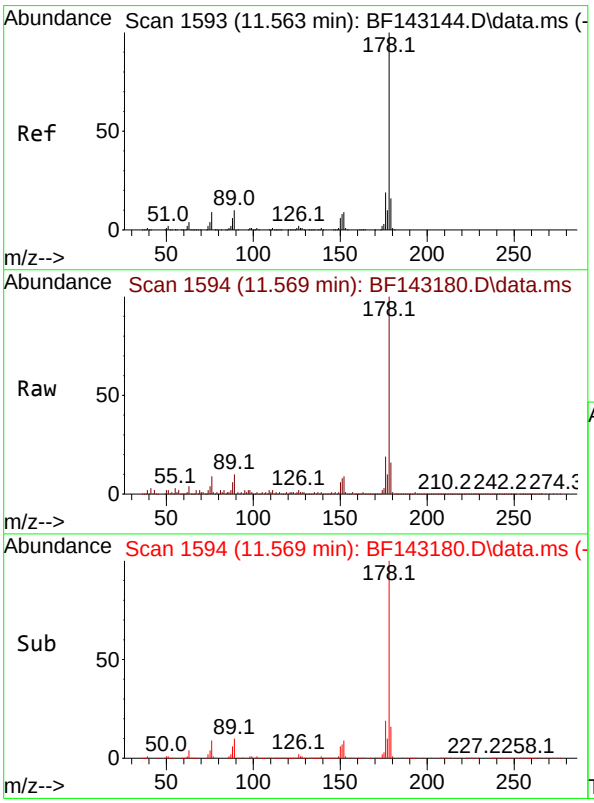
#71
Phenanthrene
Concen: 56.049 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:178 Resp: 1252082

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.9	12.5	18.7

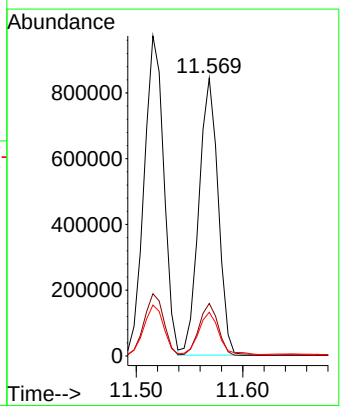


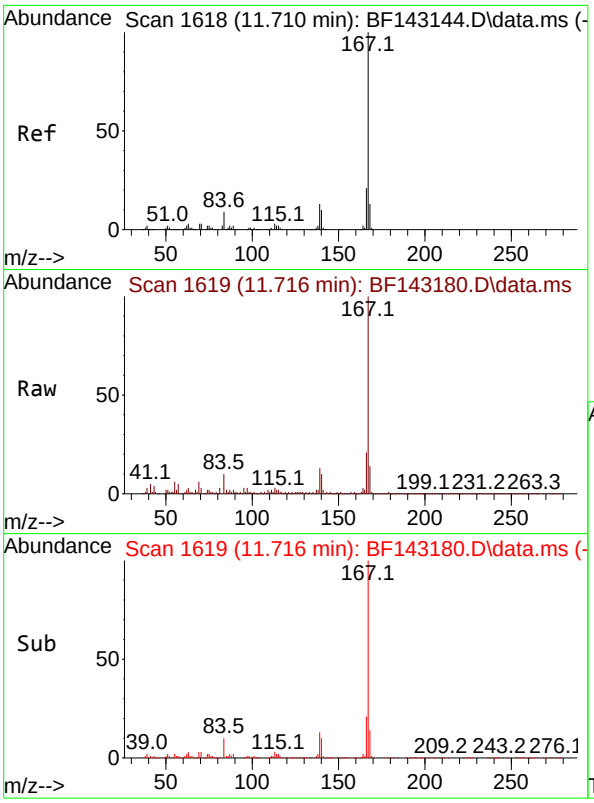


#72
Anthracene
Concen: 46.522 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:178 Resp: 1059941

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.7	12.5	18.7



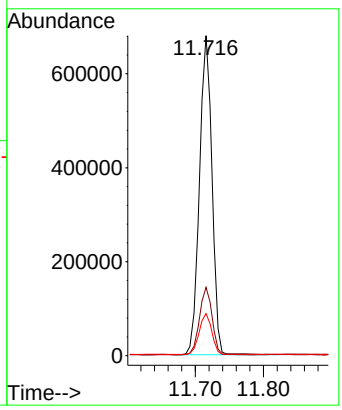


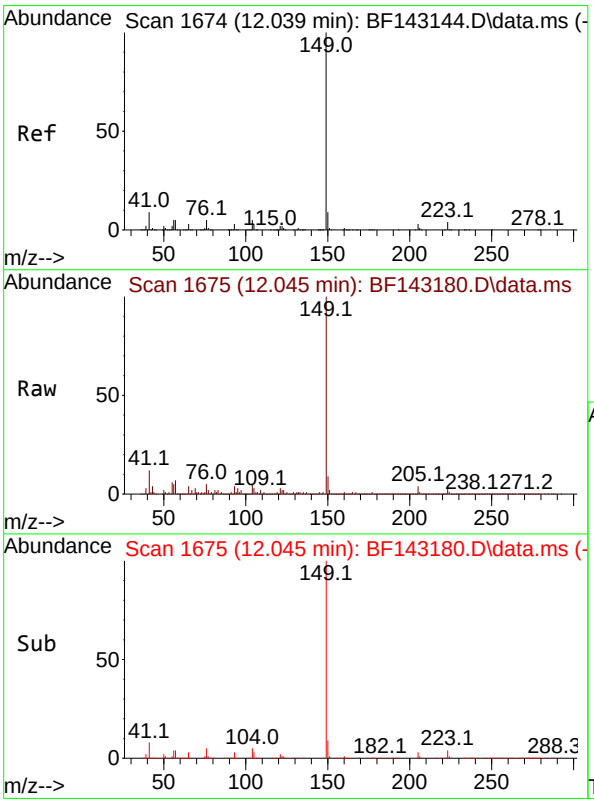
#73
Carbazole
Concen: 43.563 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:167 Resp: 866665

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.2	10.0	15.0

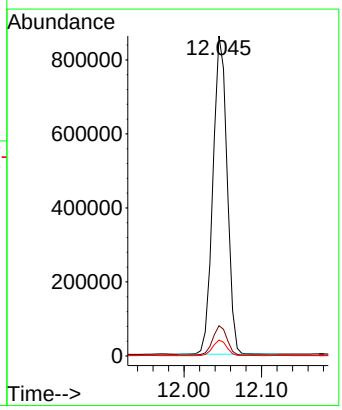


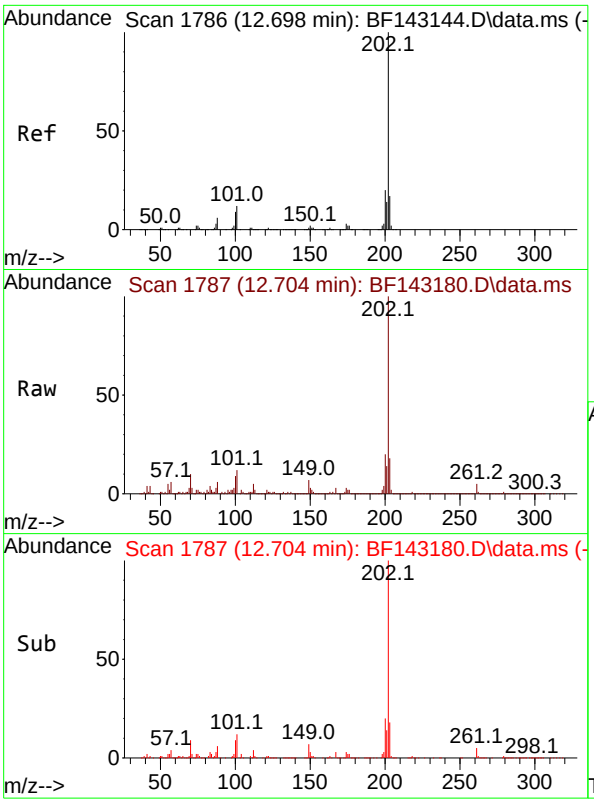


#74
Di-n-butylphthalate
Concen: 48.409 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 1089699

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.0	3.8	5.8



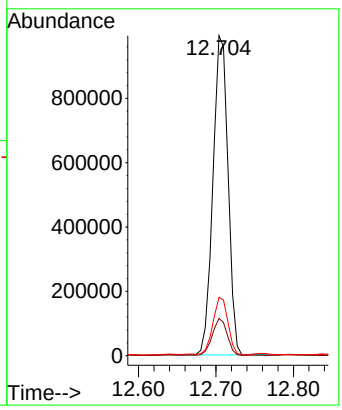


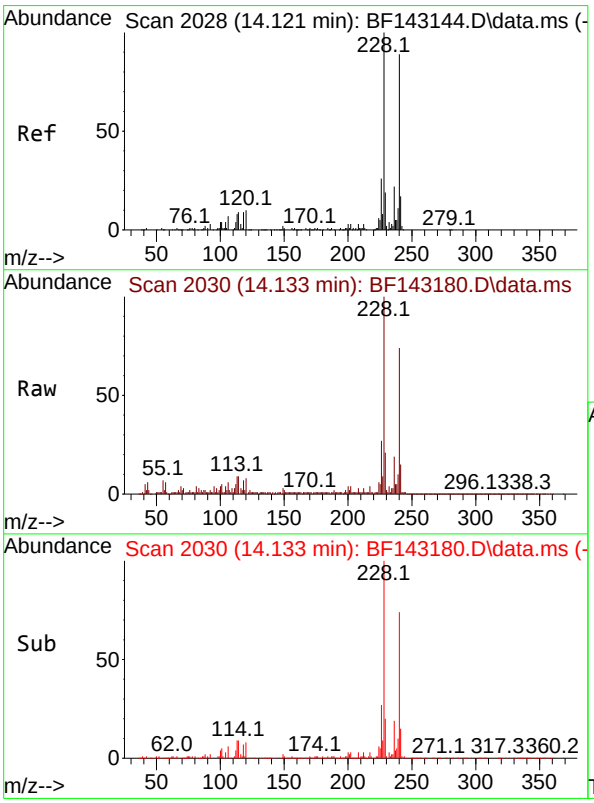
#75
Fluoranthene
Concen: 65.437 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:202 Resp: 1341747

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	18.2	0.0	37.4

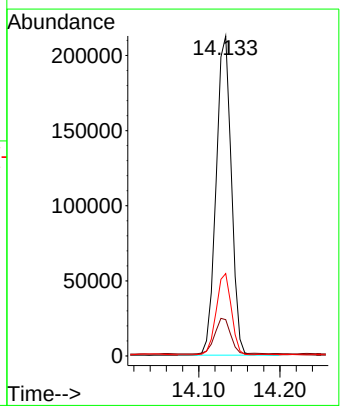


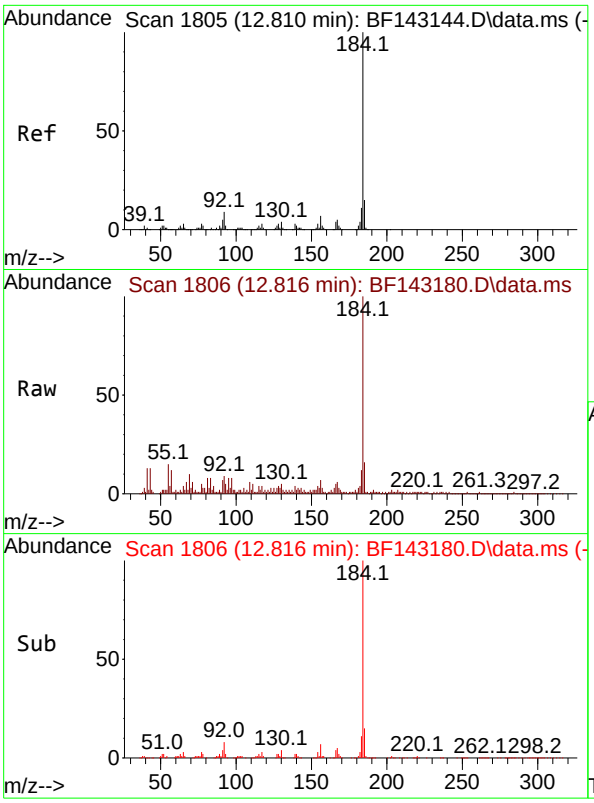


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:240 Resp: 277520

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	25.7	20.2	30.4



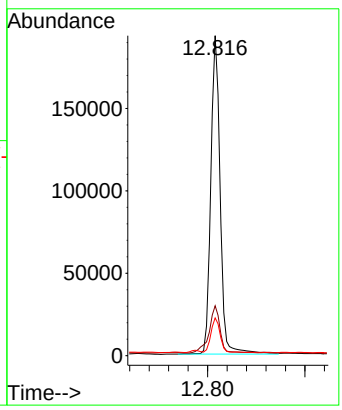


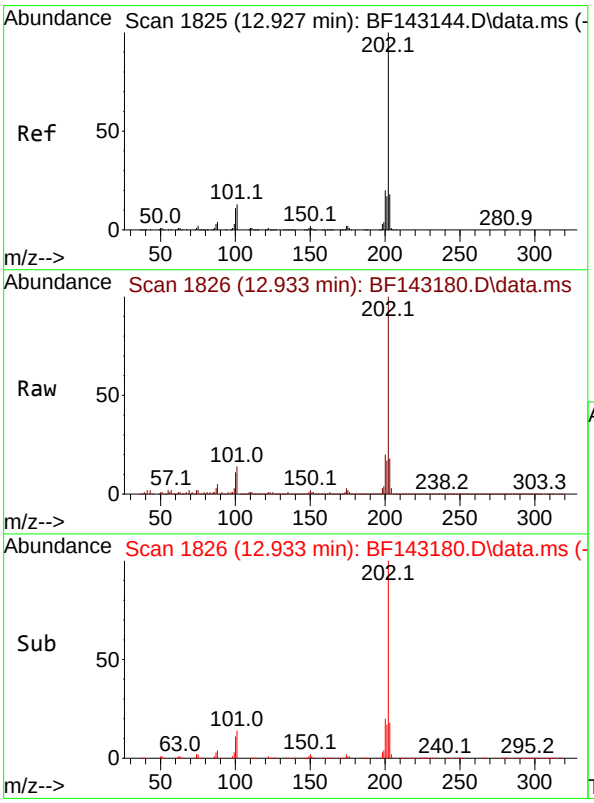
#77
Benzidine
Concen: 24.042 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:184 Resp: 257059

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.4
183	11.8	9.0	13.4

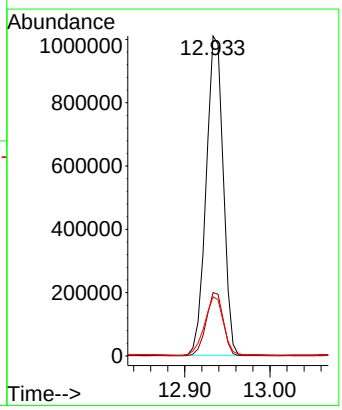


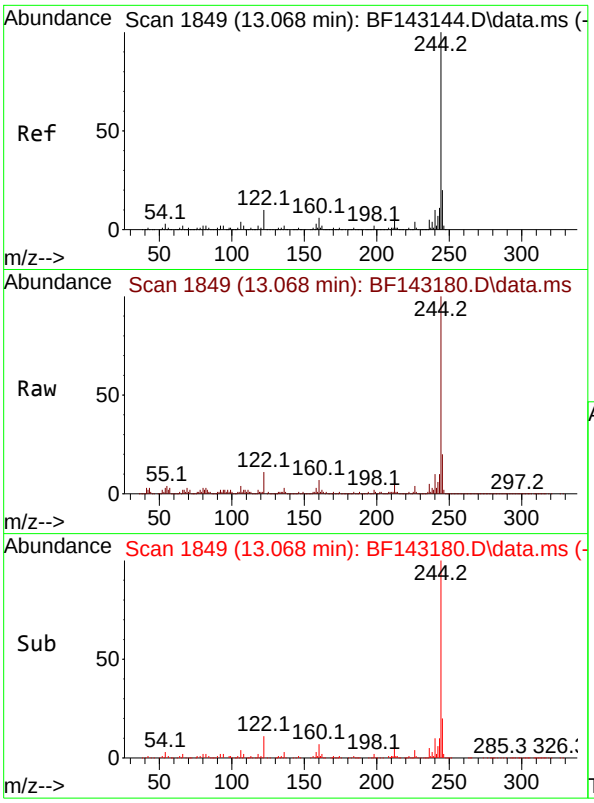


#78
Pyrene
Concen: 59.322 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:202 Resp: 1405043

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	18.5	14.2	21.2



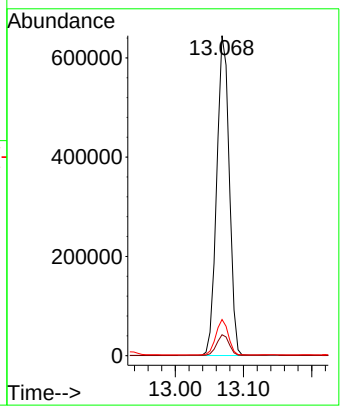


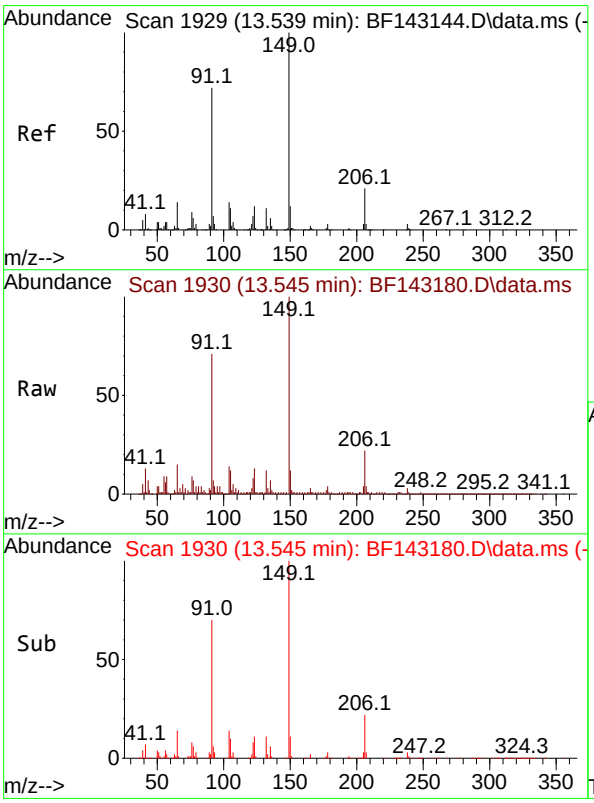
#79
Terphenyl-d14
Concen: 44.195 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:244 Resp: 824200

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.3	8.2	12.2

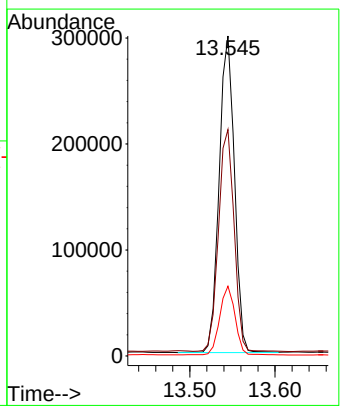


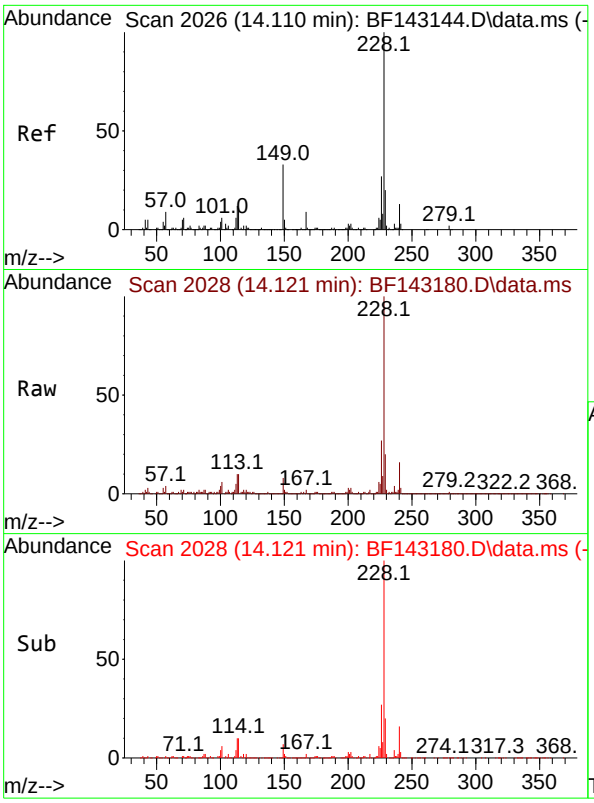


#80
Butylbenzylphthalate
Concen: 51.381 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 372649

Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.9	86.9
206	21.8	17.0	25.4



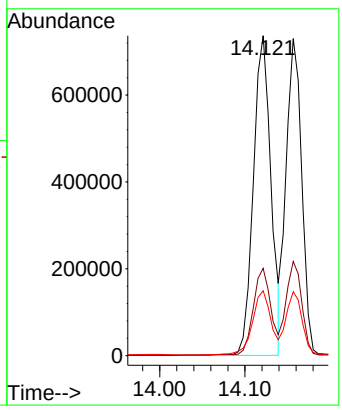


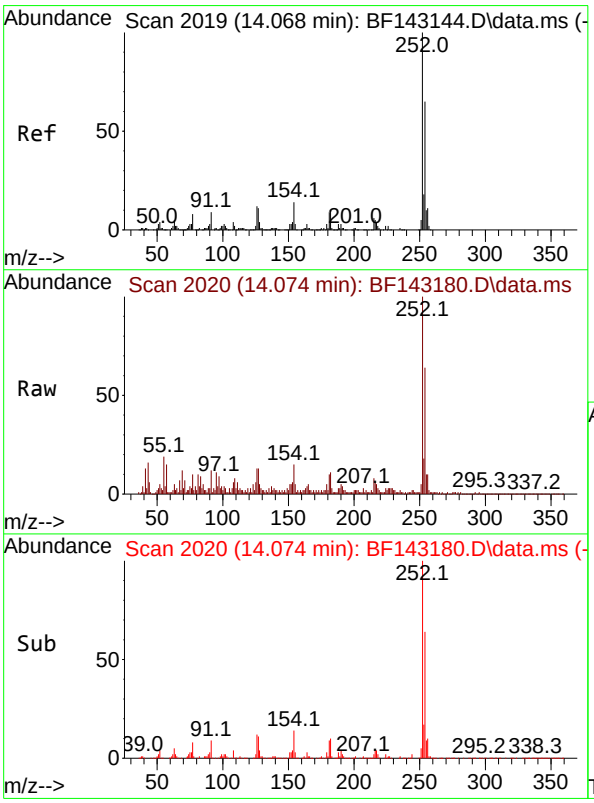
#81
Benzo(a)anthracene
Concen: 56.825 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:228 Resp: 1055813

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	20.3	15.8	23.6

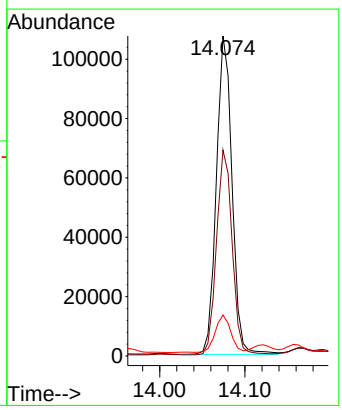


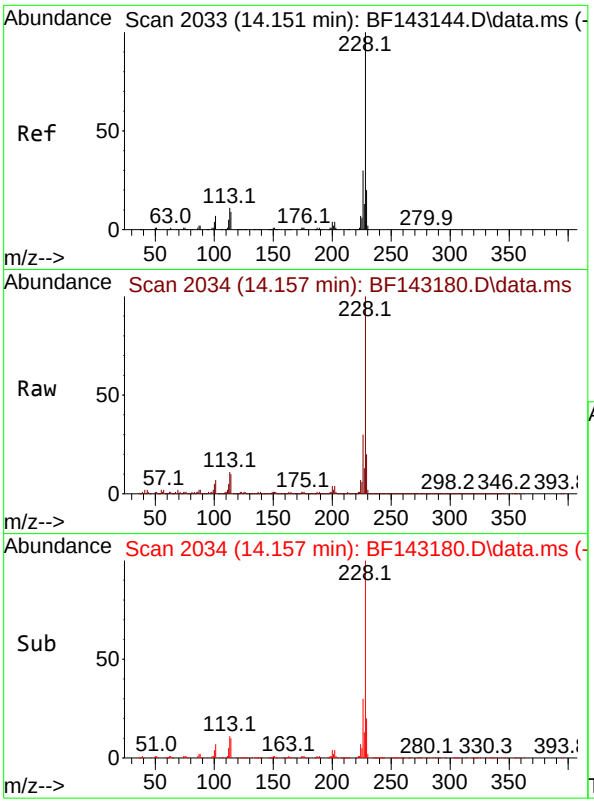


#82
3,3'-Dichlorobenzidine
Concen: 22.108 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 136903

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	12.8	9.4	14.0



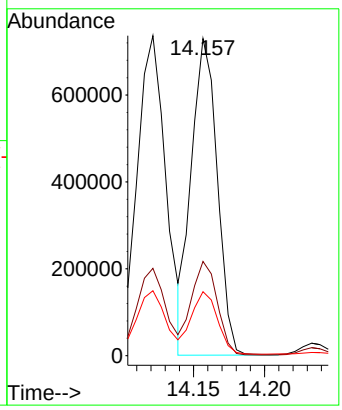


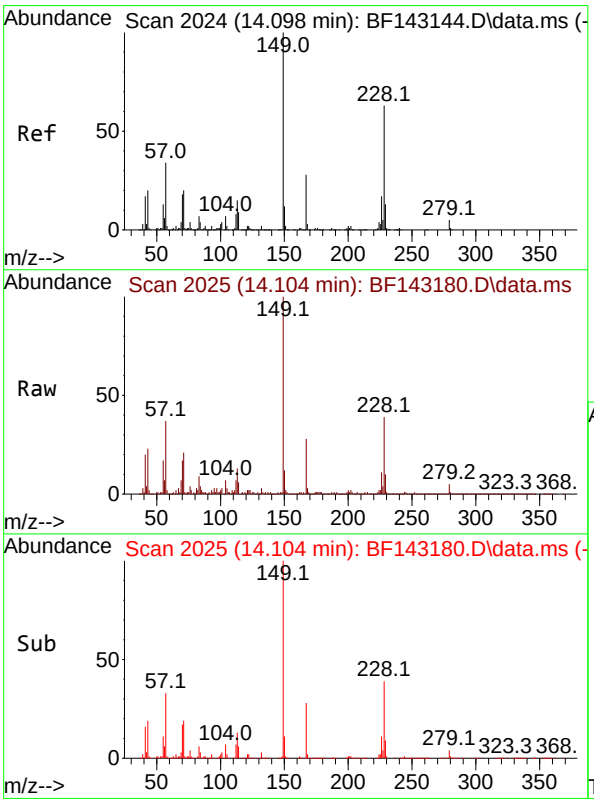
#83
Chrysene
Concen: 55.460 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:228 Resp: 926475

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	20.2	15.6	23.4

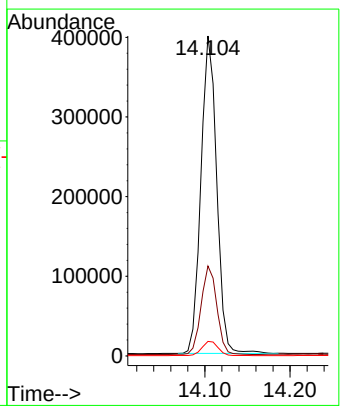


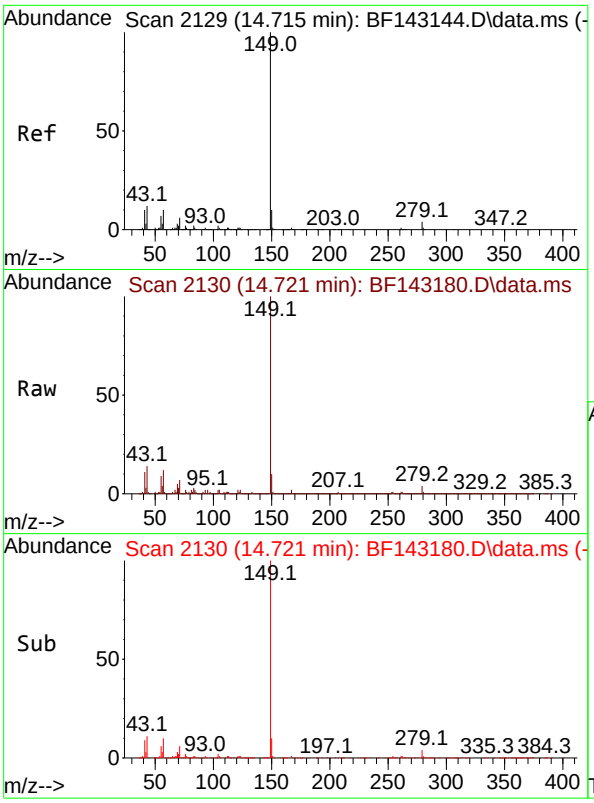


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.643 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 512026

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.5	3.6	5.4



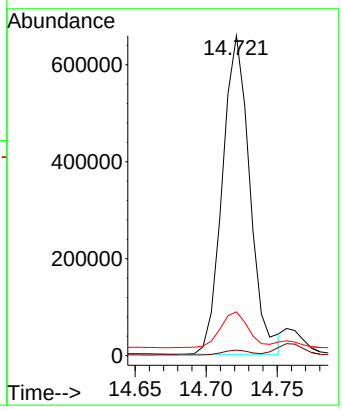


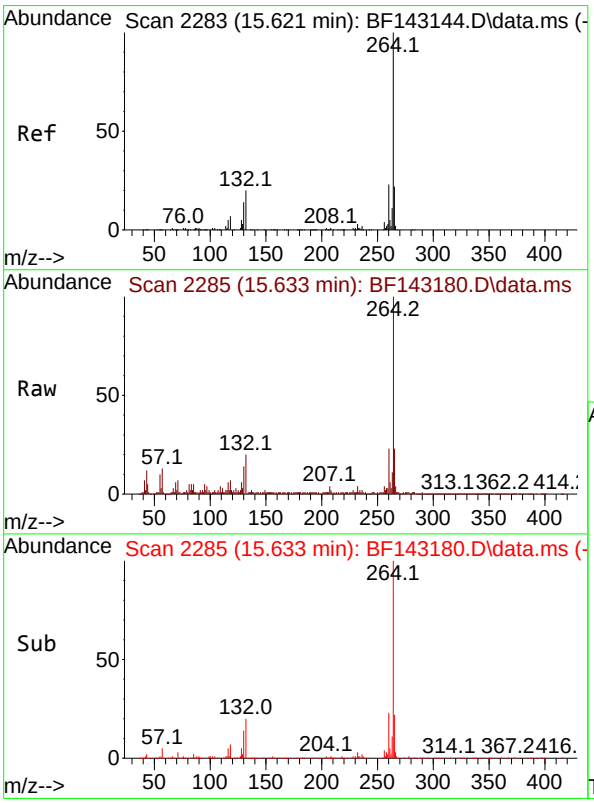
#85
Di-n-octyl phthalate
Concen: 44.269 ng
RT: 14.721 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:149 Resp: 880873

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.6	9.7	14.5

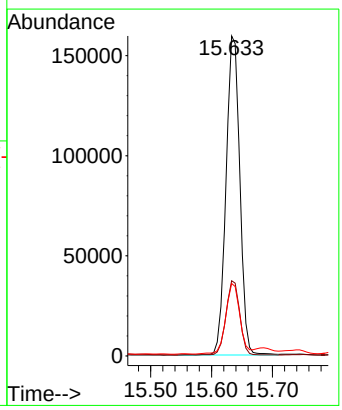


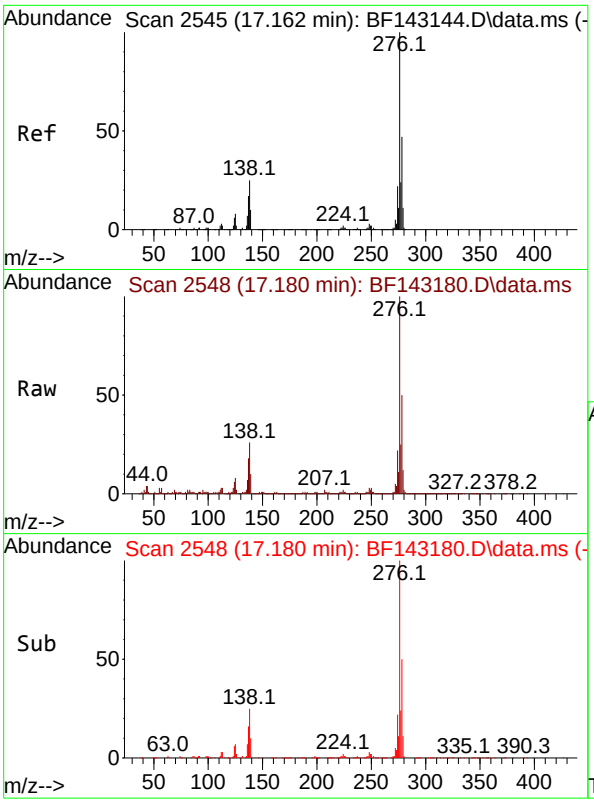


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:264 Resp: 250625

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.7	17.4	26.2



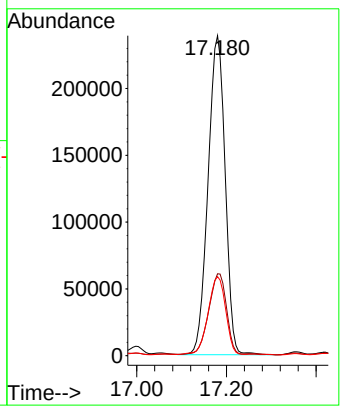


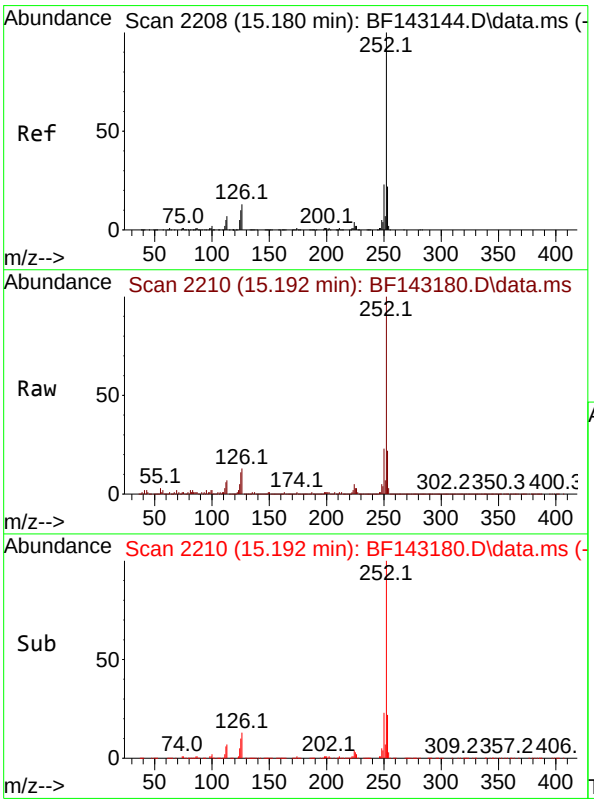
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.775 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:276 Resp: 632228

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	24.8	20.0	30.0

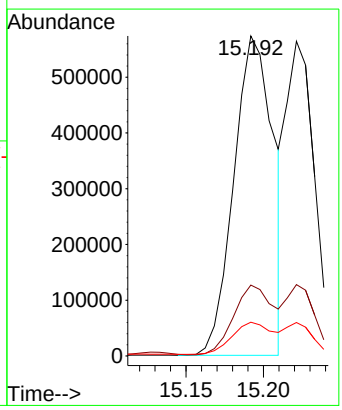


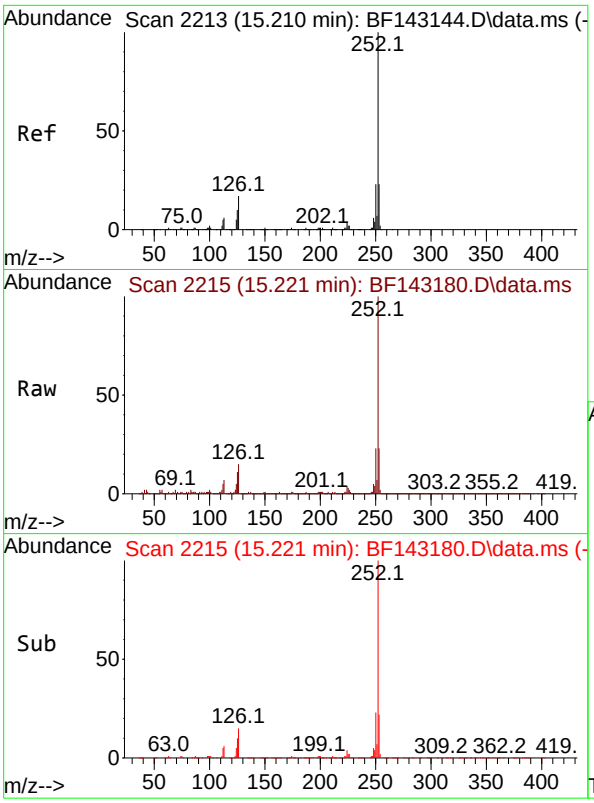


#88
Benzo(b)fluoranthene
Concen: 66.318 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 1015390

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.6	8.0	12.0



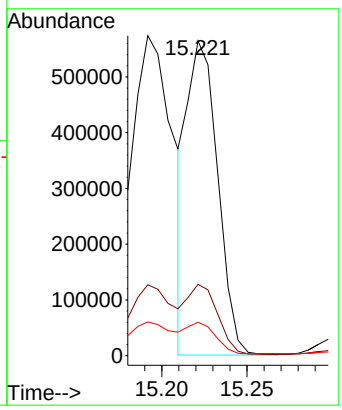


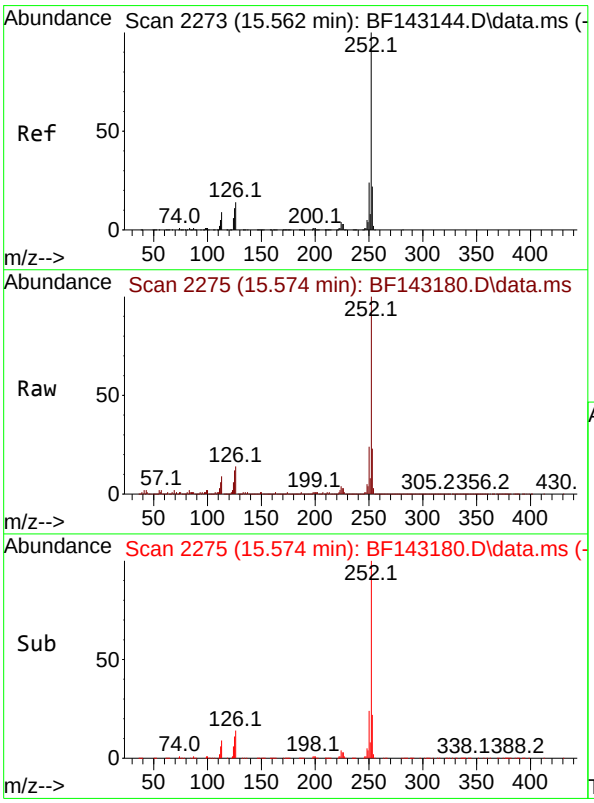
#89
Benzo(k)fluoranthene
Concen: 52.120 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:252 Resp: 712098

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.6	8.1	12.1

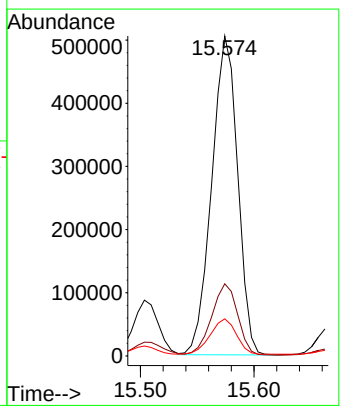


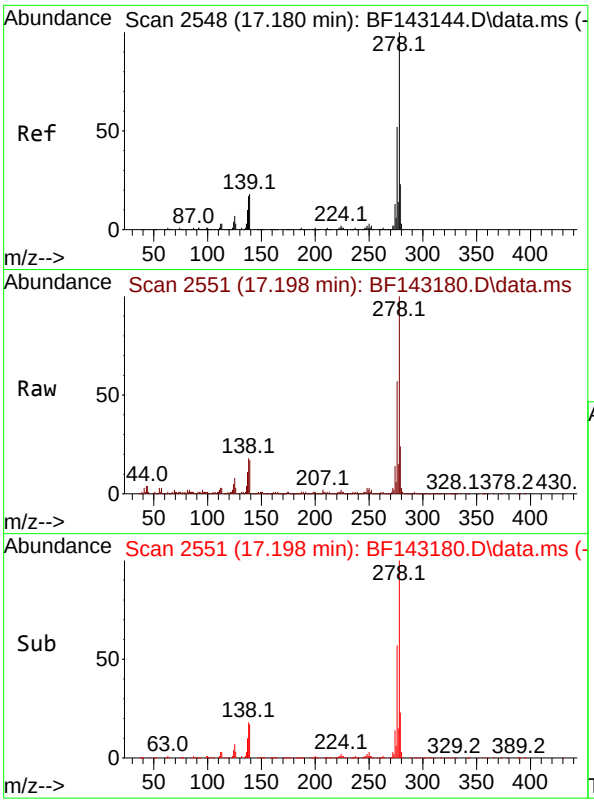


#90
Benzo(a)pyrene
Concen: 56.754 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 800603

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.6	8.6	13.0



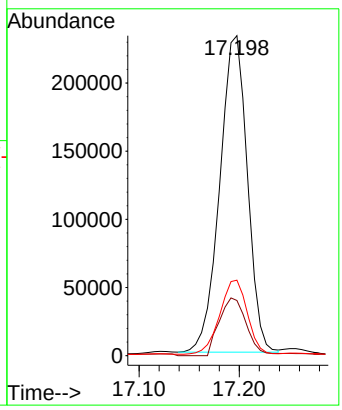


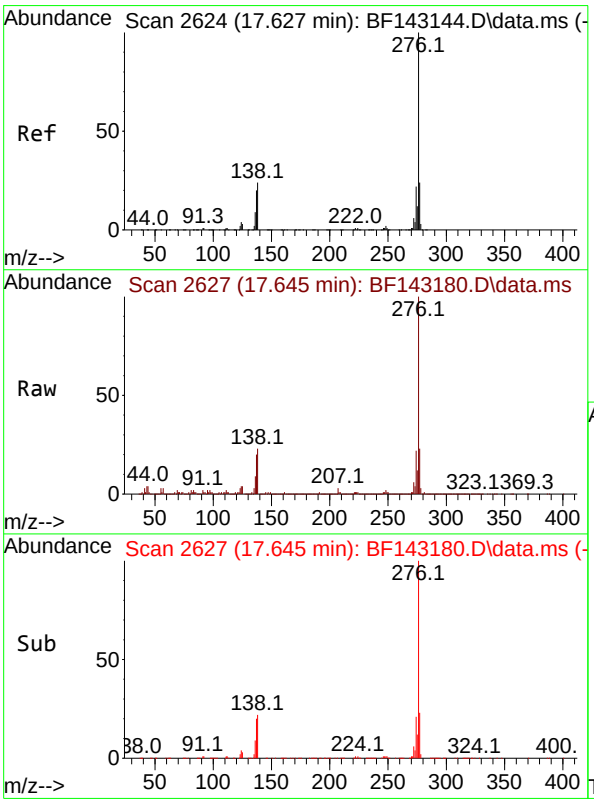
#91
Dibenzo(a,h)anthracene
Concen: 30.912 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:278 Resp: 444650

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.1	21.1
279	23.6	18.6	28.0

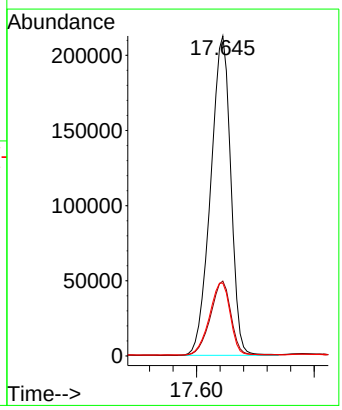




#92
Benzo(g,h,i)perylene
Concen: 36.288 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:276 Resp: 504925

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.8	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	136589	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	529762	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	274462	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	414650	20.000	ng		0.00
76) Chrysene-d12	14.133	240	276295	20.000	ng		0.01
86) Perylene-d12	15.639	264	228694	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	716143	82.969	ng		0.01
7) Phenol-d6	6.587	99	935920	86.147	ng		0.00
23) Nitrobenzene-d5	7.522	82	613436	57.720	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	244844	86.354	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1059631	52.801	ng		0.00
79) Terphenyl-d14	13.069	244	800209	43.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	142826	34.971	ng		100
3) Pyridine	3.628	79	387513	36.555	ng		99
4) n-Nitrosodimethylamine	3.569	42	226567	41.396	ng		99
6) Aniline	6.622	93	355683	23.491	ng		95
8) 2-Chlorophenol	6.751	128	380878	42.098	ng		98
9) Benzaldehyde	6.510	77	267699	32.860	ng		99
10) Phenol	6.604	94	507938	42.917	ng		98
11) bis(2-Chloroethyl)ether	6.693	93	375500	41.437	ng		99
12) 1,3-Dichlorobenzene	6.910	146	396098	40.301	ng		98
13) 1,4-Dichlorobenzene	6.981	146	400666	40.480	ng		99
14) 1,2-Dichlorobenzene	7.134	146	385915	40.994	ng		99
15) Benzyl Alcohol	7.098	79	366706	44.206	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	695231	41.357	ng		99
17) 2-Methylphenol	7.210	107	323602	42.538	ng		99
18) Hexachloroethane	7.481	117	145589	42.489	ng		97
19) n-Nitroso-di-n-propyla...	7.375	70	282181	40.484	ng		99
20) 3+4-Methylphenols	7.363	107	396436	42.952	ng	#	81
22) Acetophenone	7.369	105	518130	41.311	ng		97
24) Nitrobenzene	7.540	77	429974	43.395	ng		98
25) Isophorone	7.781	82	793276	42.282	ng		99
26) 2-Nitrophenol	7.857	139	207791	48.321	ng		99
27) 2,4-Dimethylphenol	7.892	122	371287	42.358	ng		100
28) bis(2-Chloroethoxy)met...	7.987	93	469100	41.702	ng		100
29) 2,4-Dichlorophenol	8.098	162	316852	42.863	ng		98
30) 1,2,4-Trichlorobenzene	8.187	180	329282	41.232	ng		99
31) Naphthalene	8.269	128	1159919	44.458	ng		100
32) Benzoic acid	8.010	122	260227	52.195	ng		97
33) 4-Chloroaniline	8.310	127	114890	10.785	ng		98
34) Hexachlorobutadiene	8.392	225	197888	40.563	ng		99
35) Caprolactam	8.681	113	114441	51.232	ng		94
36) 4-Chloro-3-methylphenol	8.792	107	358269	44.590	ng		99
37) 2-Methylnaphthalene	8.957	142	686312	43.229	ng		99
38) 1-Methylnaphthalene	9.057	142	697758	42.680	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	328897	41.506	ng		99
41) Hexachlorocyclopentadiene	9.116	237	241446	46.829	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	238395	43.470	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	238695	43.512	ng		98
46) 1,1'-Biphenyl	9.422	154	906851	42.350	ng		100
47) 2-Chloronaphthalene	9.451	162	661581	41.755	ng		100
48) 2-Nitroaniline	9.539	65	240330	48.368	ng		100
49) Acenaphthylene	9.869	152	1121862	42.250	ng		100
50) Dimethylphthalate	9.722	163	785971	43.933	ng		100
51) 2,6-Dinitrotoluene	9.781	165	174789	48.027	ng		97
52) Acenaphthene	10.039	154	717249	45.702	ng		98
53) 3-Nitroaniline	9.945	138	141784	33.307	ng		99
54) 2,4-Dinitrophenol	10.051	184	138218	83.480	ng	#	7
55) Dibenzofuran	10.210	168	992798	42.608	ng		99
56) 4-Nitrophenol	10.104	139	276705	87.047	ng		98
57) 2,4-Dinitrotoluene	10.181	165	229420	50.245	ng		98
58) Fluorene	10.551	166	745825	42.649	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	198979	43.788	ng		99
60) Diethylphthalate	10.422	149	793884	44.896	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	365015	41.919	ng		99
62) 4-Nitroaniline	10.563	138	150125	41.149	ng		98
63) Azobenzene	10.704	77	832376	45.166	ng		95
65) 4,6-Dinitro-2-methylph...	10.592	198	93180	43.445	ng		96
66) n-Nitrosodiphenylamine	10.657	169	658874	45.125	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	219163	44.351	ng		99
68) Hexachlorobenzene	11.104	284	217668	42.143	ng		98
69) Atrazine	11.186	200	195110	48.470	ng		99
70) Pentachlorophenol	11.298	266	261343	86.042	ng		98
71) Phenanthrene	11.516	178	1215848	55.224	ng		99
72) Anthracene	11.569	178	1016264	45.259	ng		100
73) Carbazole	11.716	167	837062	42.692	ng		99
74) Di-n-butylphthalate	12.045	149	1092339	49.237	ng		99
75) Fluoranthene	12.710	202	1347470	66.679	ng		99
77) Benzidine	12.816	184	297349	27.933	ng		99
78) Pyrene	12.939	202	1345473	57.059	ng		99
80) Butylbenzylphthalate	13.545	149	367405	50.883	ng		98
81) Benzo(a)anthracene	14.121	228	1033853	55.890	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	138194	22.415	ng		100
83) Chrysene	14.157	228	923571	55.532	ng		98
84) Bis(2-ethylhexyl)phtha...	14.104	149	519551	47.538	ng		99
85) Di-n-octyl phthalate	14.721	149	893326	45.094	ng		100
87) Indeno(1,2,3-cd)pyrene	17.180	276	555106	34.423	ng		99
88) Benzo(b)fluoranthene	15.192	252	926002	66.280	ng		98
89) Benzo(k)fluoranthene	15.221	252	688897	55.257	ng		98
90) Benzo(a)pyrene	15.574	252	734037	57.025	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	397652	30.296	ng		99
92) Benzo(g,h,i)perylene	17.645	276	449394	35.394	ng		100

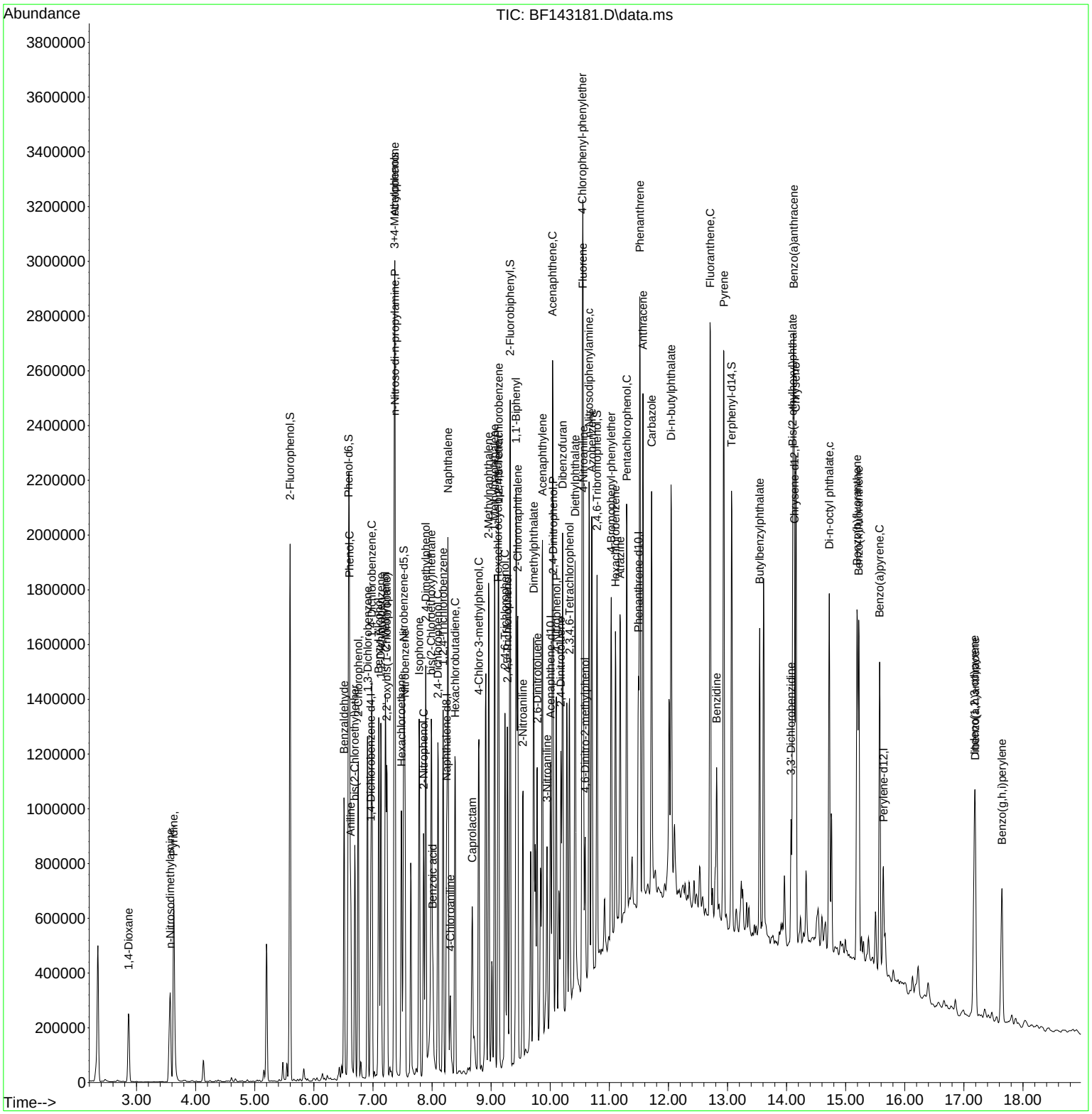
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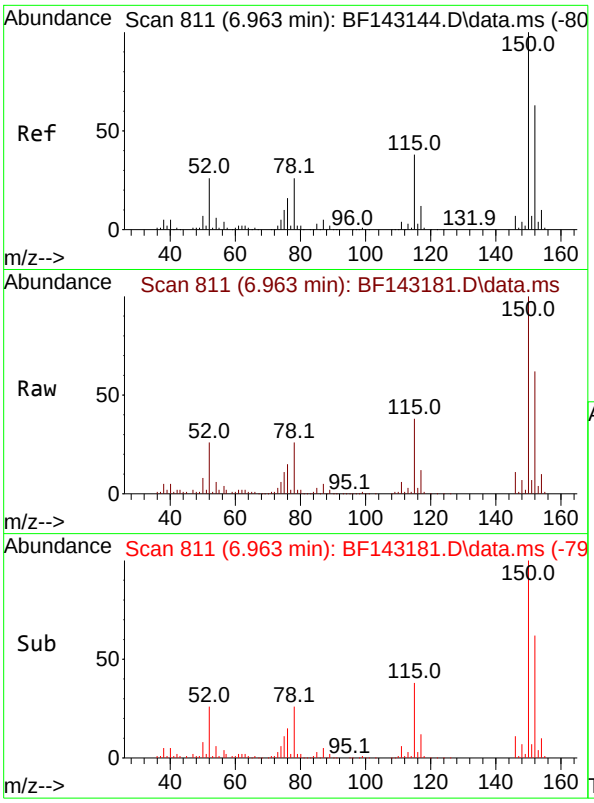
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



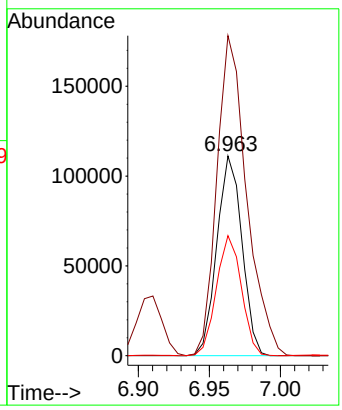


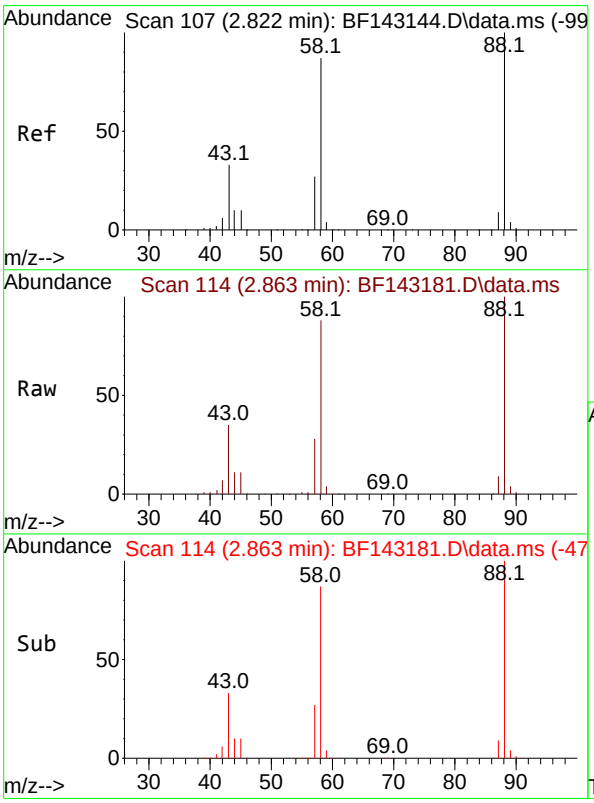
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:152 Resp: 136589

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	60.1	47.9	71.9

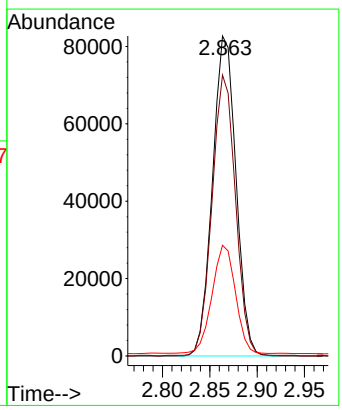


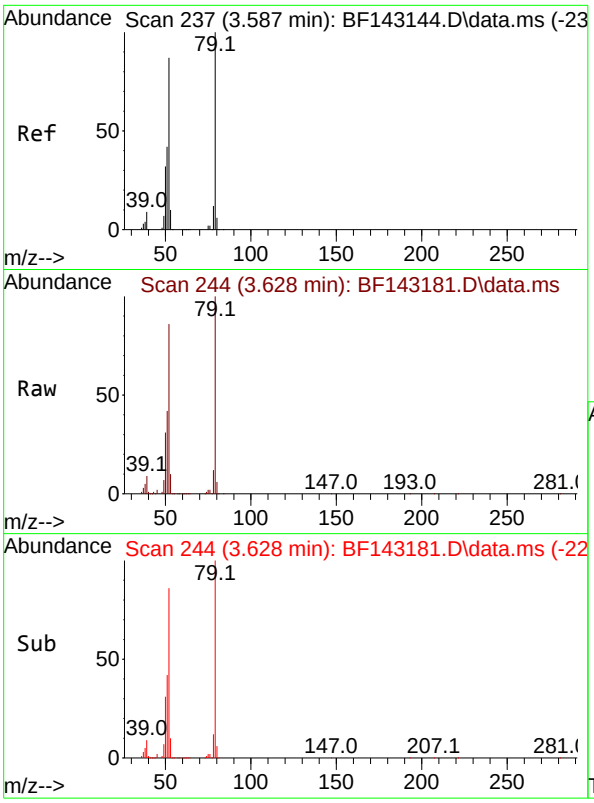


#2
1,4-Dioxane
Concen: 34.971 ng
RT: 2.863 min Scan# 114
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 88 Resp: 142826

Ion	Ratio	Lower	Upper
88	100		
58	87.9	70.2	105.2
43	33.6	27.1	40.7



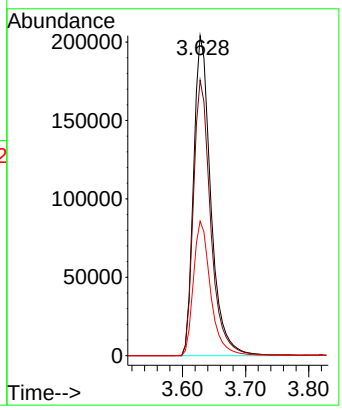


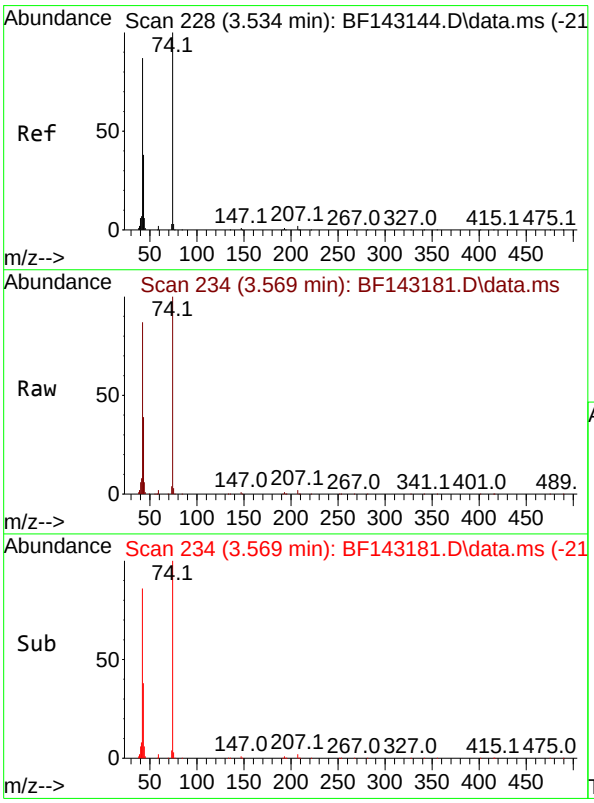
#3
Pyridine
Concen: 36.555 ng
RT: 3.628 min Scan# 24
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 79 Resp: 387513

Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.4	104.2
51	42.0	33.5	50.3

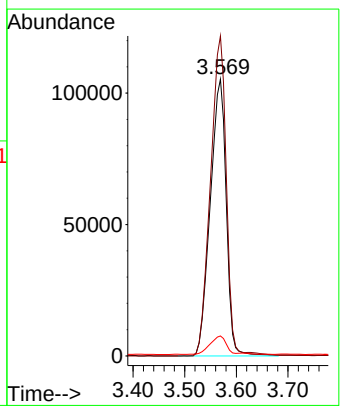


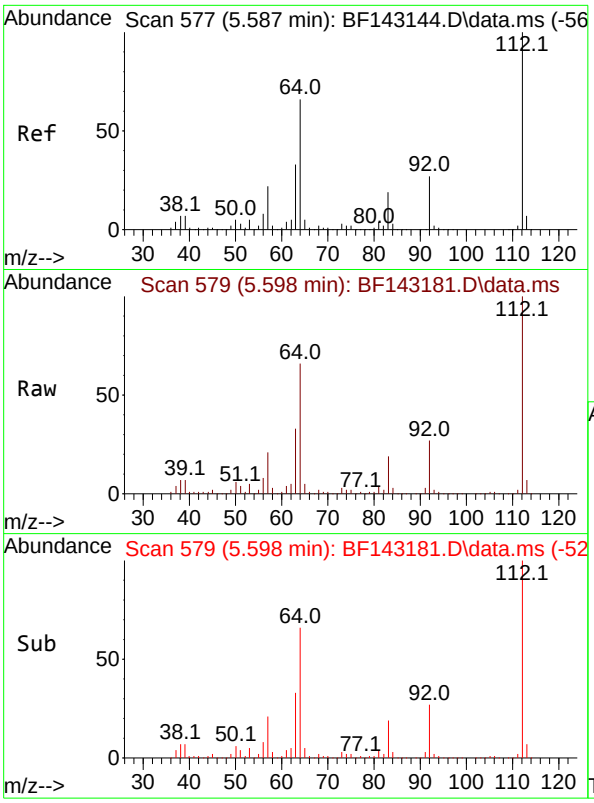


#4
n-Nitrosodimethylamine
Concen: 41.396 ng
RT: 3.569 min Scan# 234
Delta R.T. 0.035 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 42 Resp: 226567

Ion	Ratio	Lower	Upper
42	100		
74	115.6	91.7	137.5
44	7.2	5.6	8.4



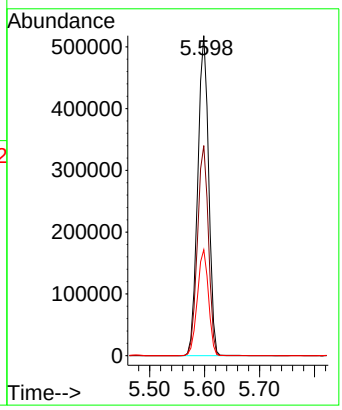


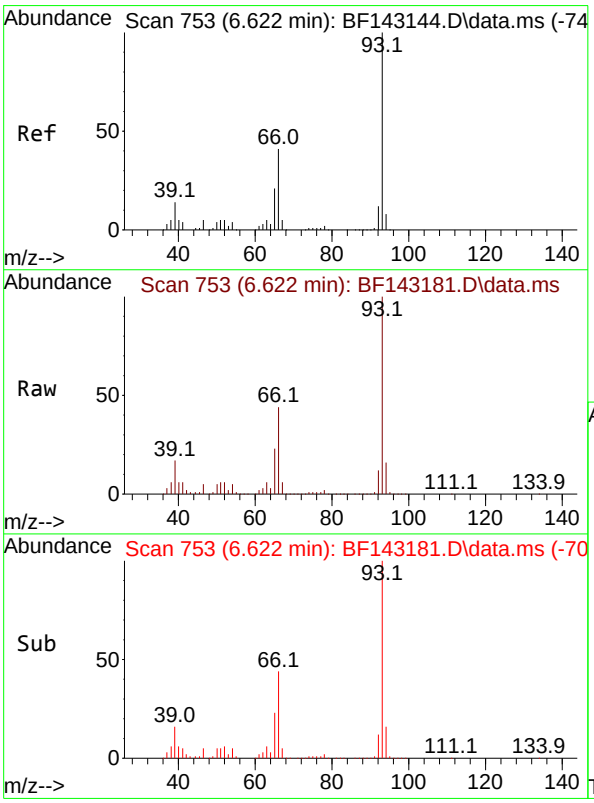
#5
2-Fluorophenol
Concen: 82.969 ng
RT: 5.598 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:112 Resp: 716143

Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.1	79.7
63	33.1	26.6	40.0

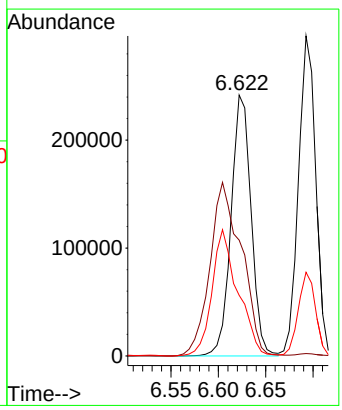


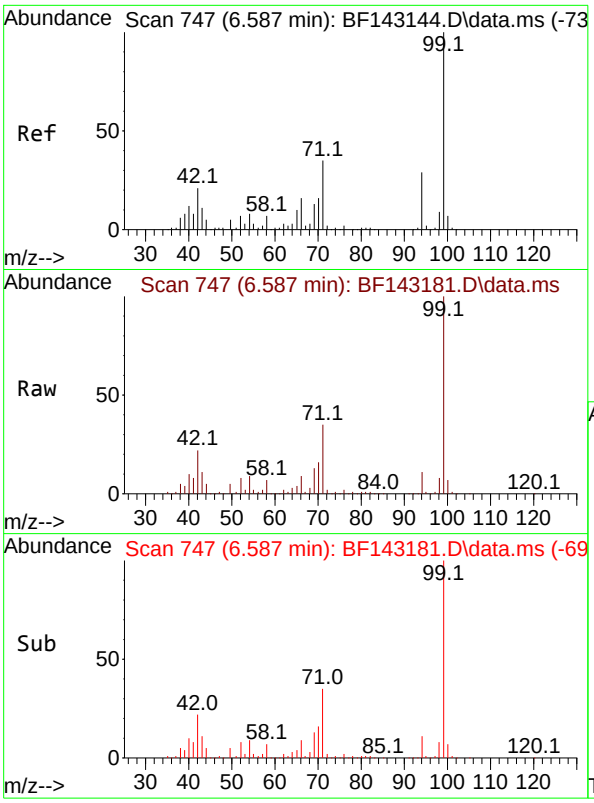


#6
Aniline
Concen: 23.491 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 355683

Ion	Ratio	Lower	Upper
93	100		
66	44.4	33.2	49.8
65	23.2	16.9	25.3



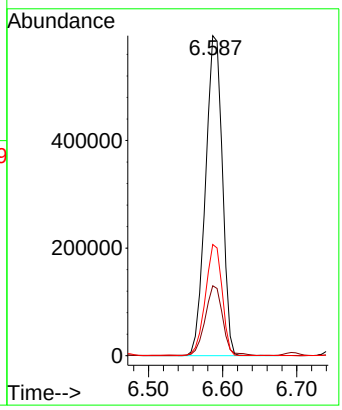


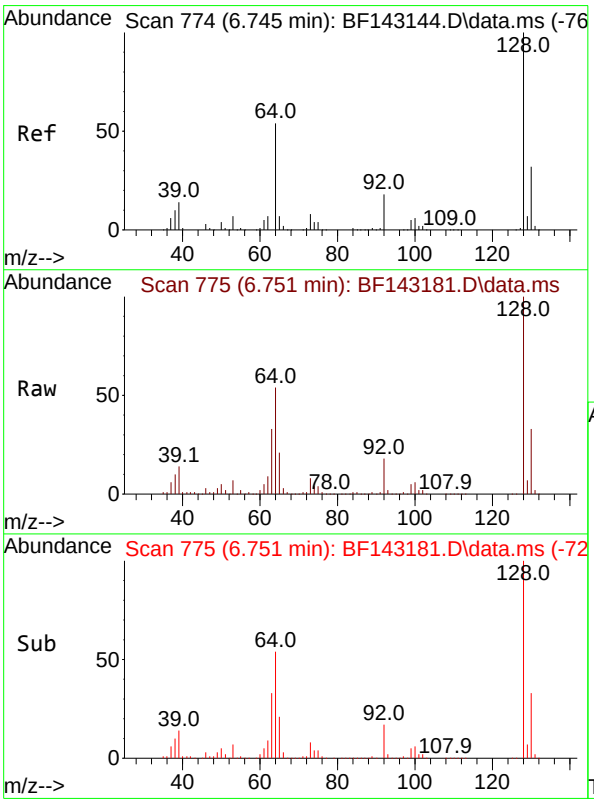
#7
Phenol-d6
Concen: 86.147 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 99 Resp: 935920

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.0	25.6
71	34.8	27.7	41.5

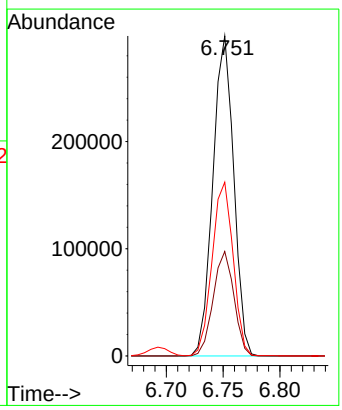


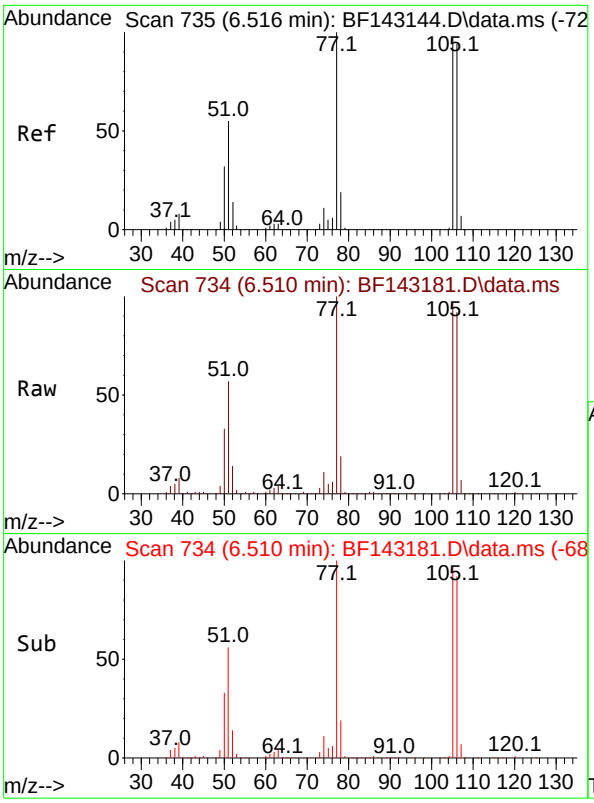


#8
2-Chlorophenol
Concen: 42.098 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:128 Resp: 380878

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	54.3	35.9	75.9



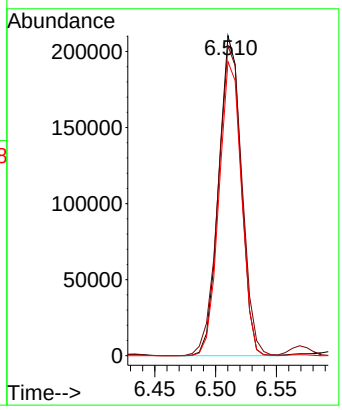


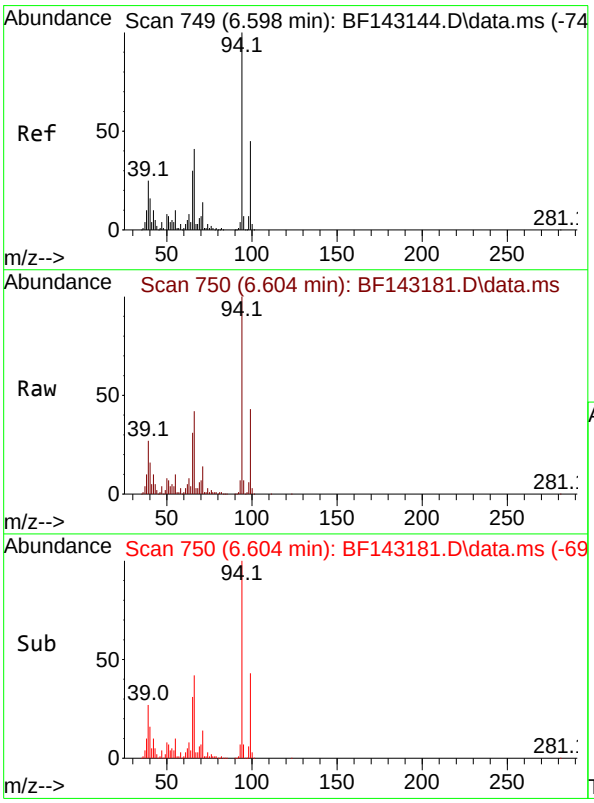
#9
Benzaldehyde
Concen: 32.860 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 77 Resp: 267699

Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.8	116.8
106	91.9	74.4	114.4

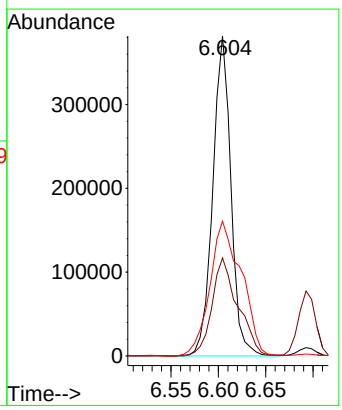


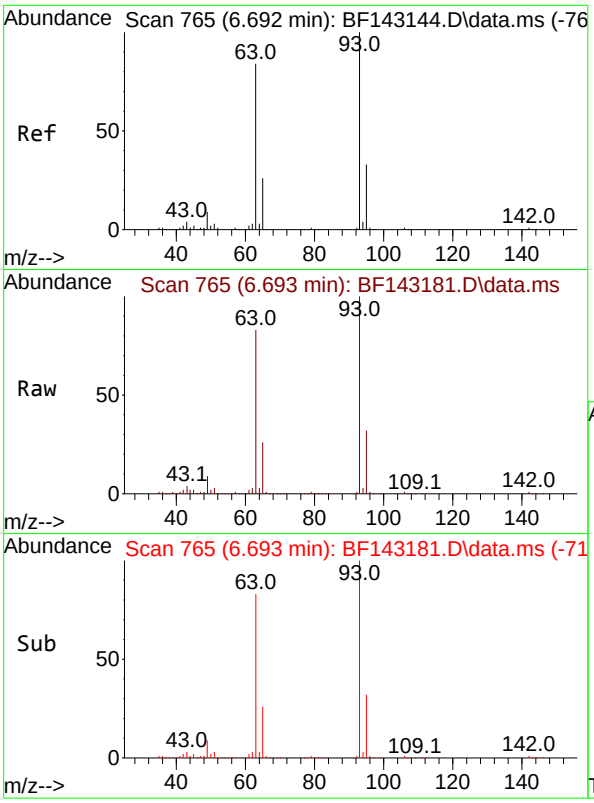


#10
Phenol
Concen: 42.917 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 94 Resp: 507938

Ion	Ratio	Lower	Upper
94	100		
65	30.6	10.0	50.0
66	42.2	20.8	60.8



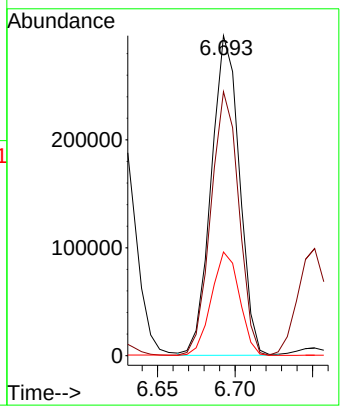


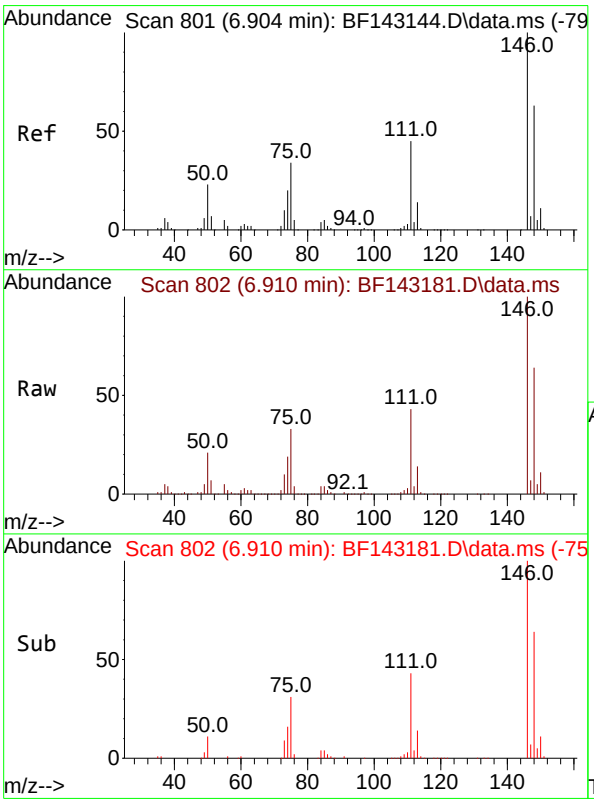
#11
bis(2-Chloroethyl)ether
Concen: 41.437 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 93 Resp: 375500

Ion	Ratio	Lower	Upper
93	100		
63	82.5	63.4	103.4
95	32.4	12.4	52.4

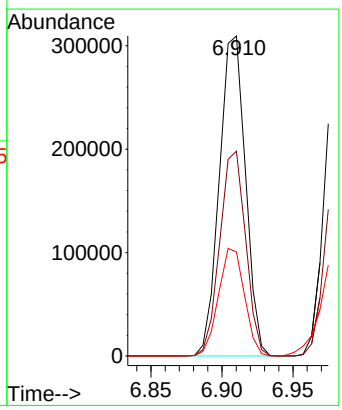


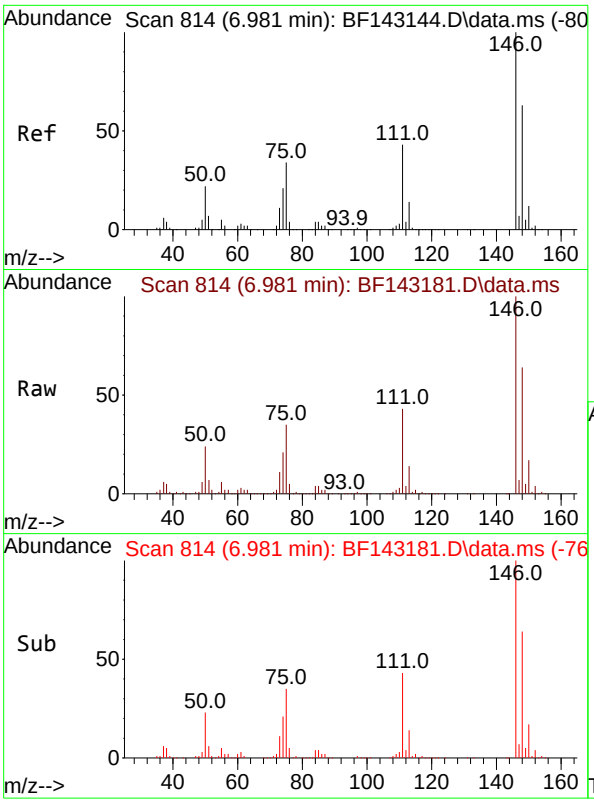


#12
1,3-Dichlorobenzene
Concen: 40.301 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 396098

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
75	32.5	27.4	41.2



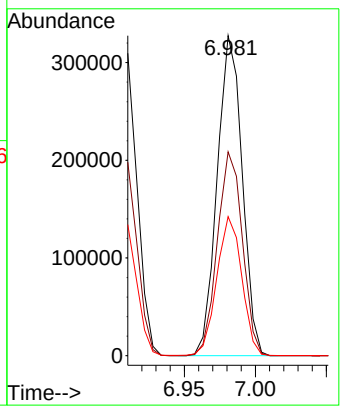


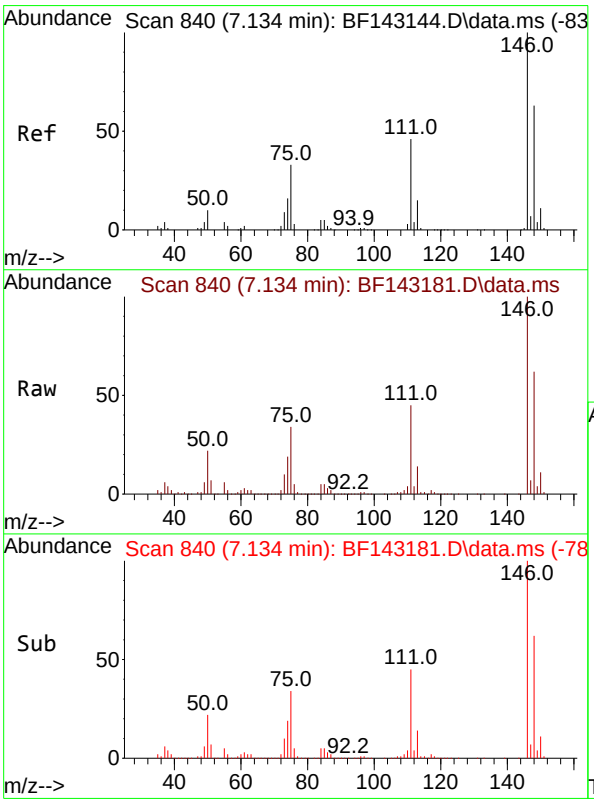
#13
1,4-Dichlorobenzene
Concen: 40.480 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:146 Resp: 400666

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	43.4	34.4	51.6

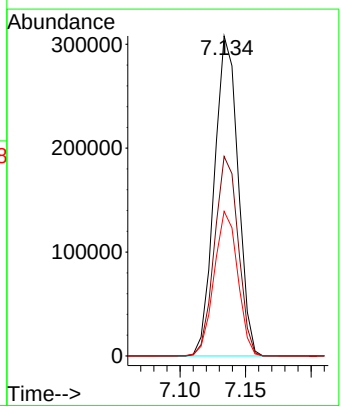


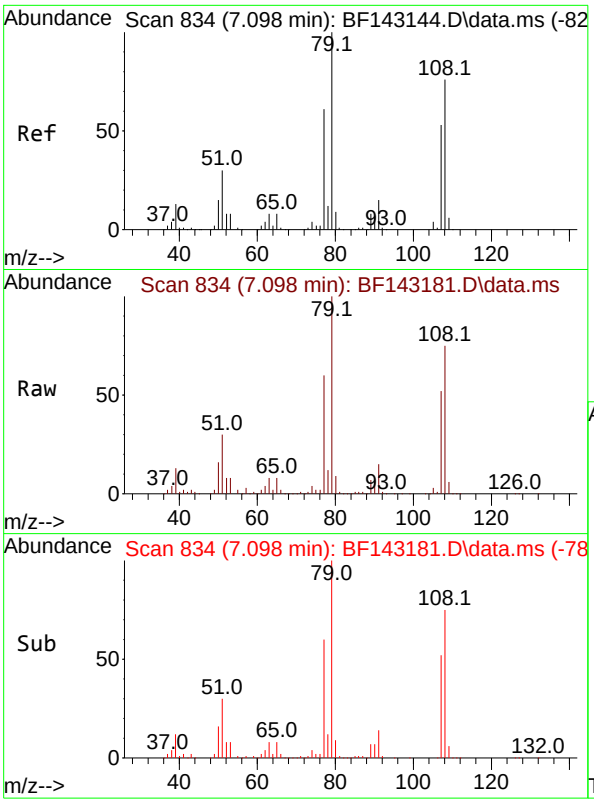


#14
1,2-Dichlorobenzene
Concen: 40.994 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 385915

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	45.2	36.6	54.8



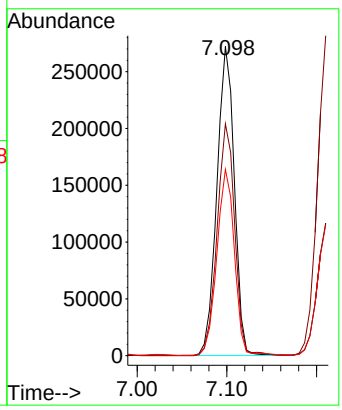


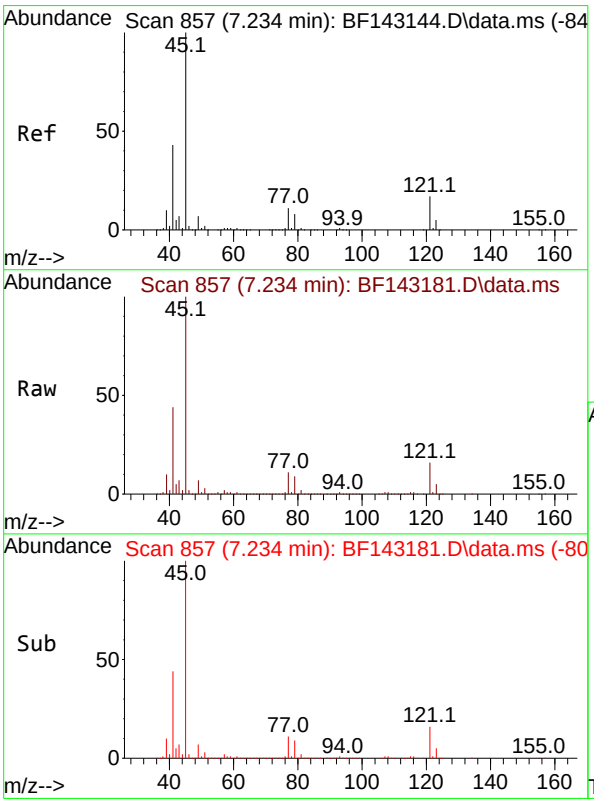
#15
Benzyl Alcohol
Concen: 44.206 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 79 Resp: 366706

Ion	Ratio	Lower	Upper
79	100		
108	75.0	61.1	91.7
77	60.2	48.9	73.3

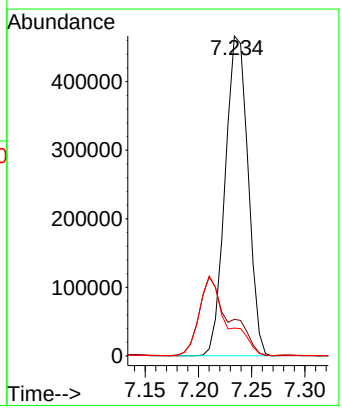


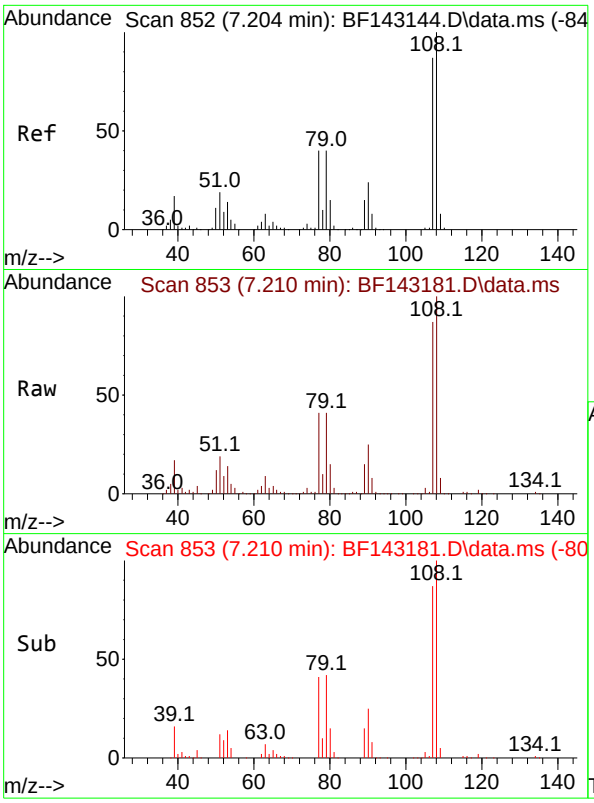


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 45 Resp: 695231

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.7	0.0	28.5



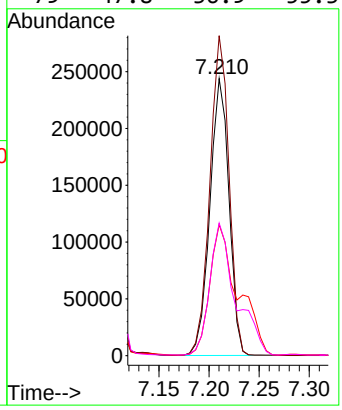


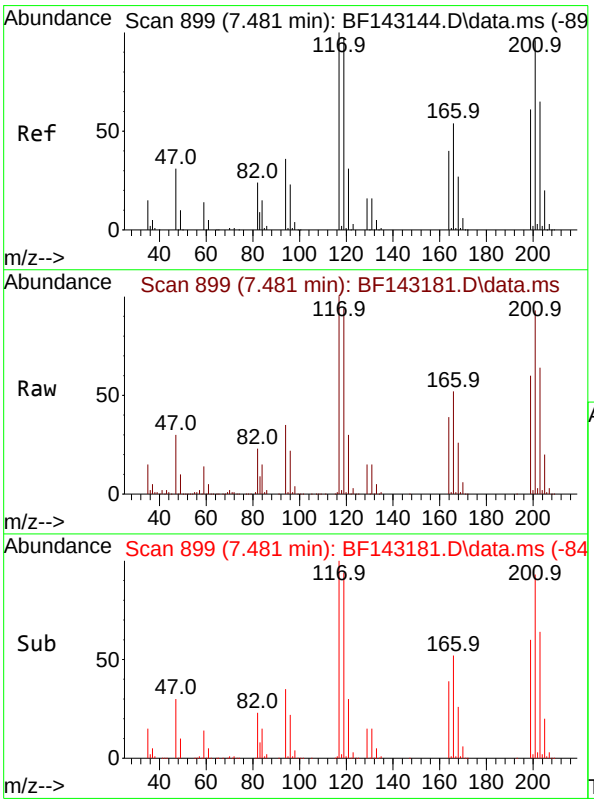
#17
2-Methylphenol
Concen: 42.538 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:107 Resp: 323602

Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.8	137.6
77	47.3	37.0	55.6
79	47.8	36.9	55.3

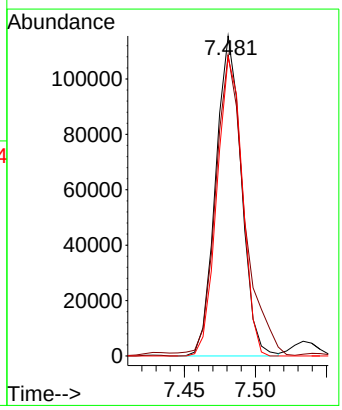


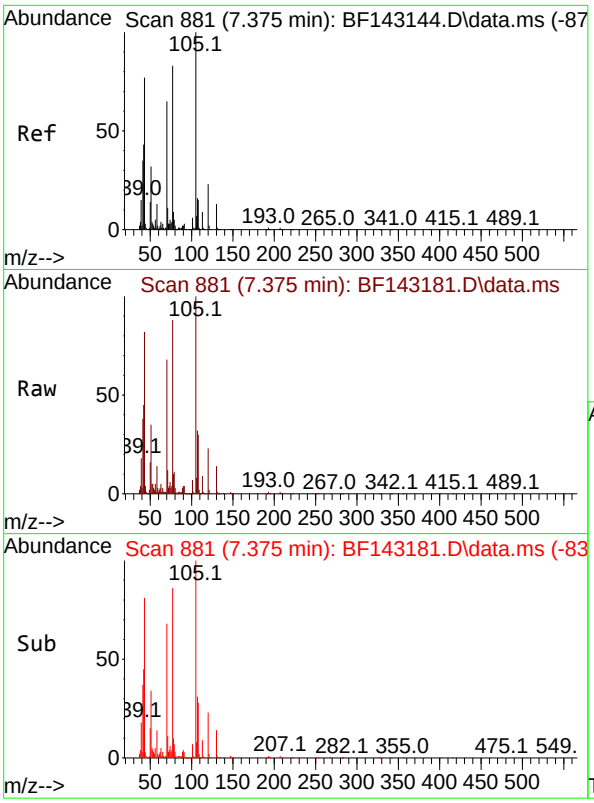


#18
Hexachloroethane
Concen: 42.489 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:117 Resp: 145589

Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.8	116.8
201	93.3	77.0	115.4



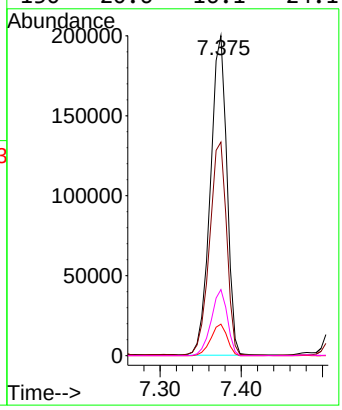


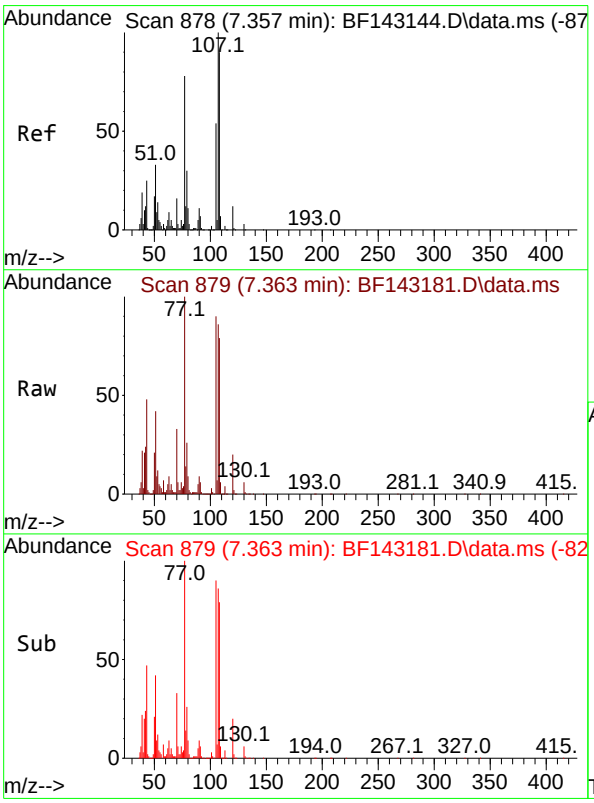
#19
n-Nitroso-di-n-propylamine
Concen: 40.484 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 70 Resp: 282181

Ion	Ratio	Lower	Upper
70	100		
42	66.8	52.5	78.7
101	9.9	7.6	11.4
130	20.6	16.1	24.1

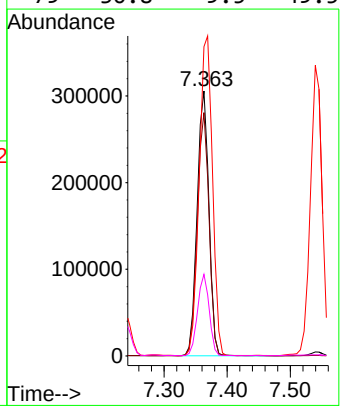


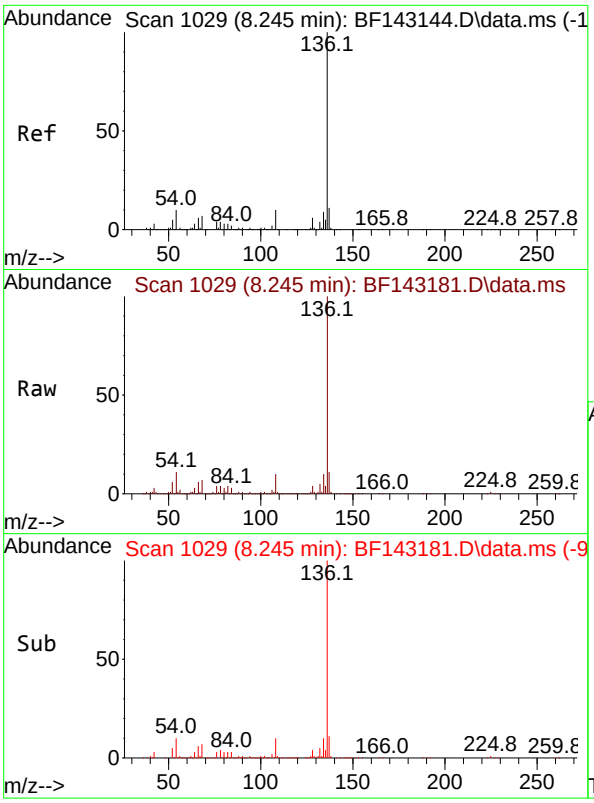


#20
3+4-Methylphenols
Concen: 42.952 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 396436

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.0	110.0
77	116.7	57.8	97.8#
79	30.8	9.5	49.5



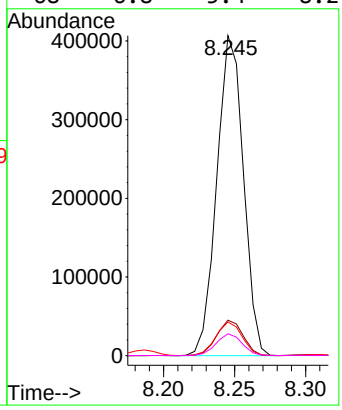


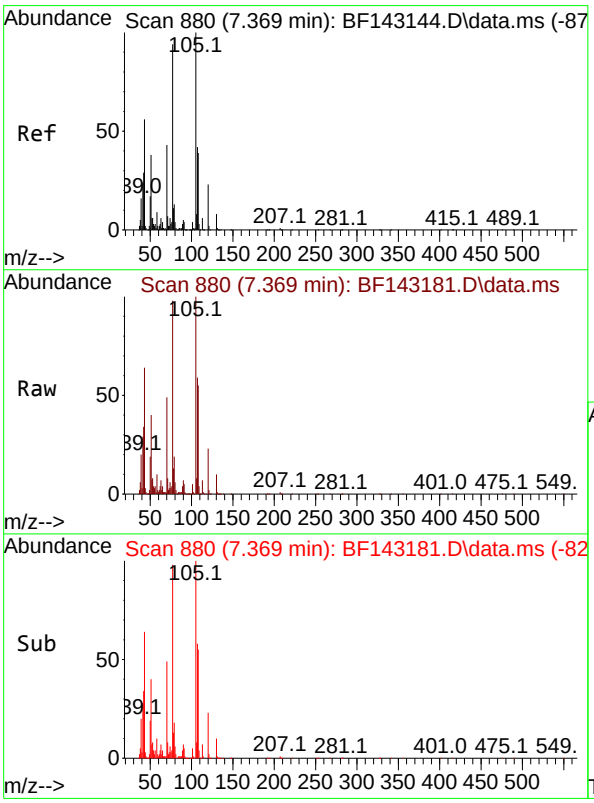
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:136 Resp: 529762

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.8	5.4	8.2

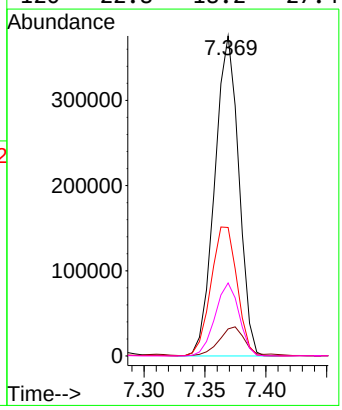


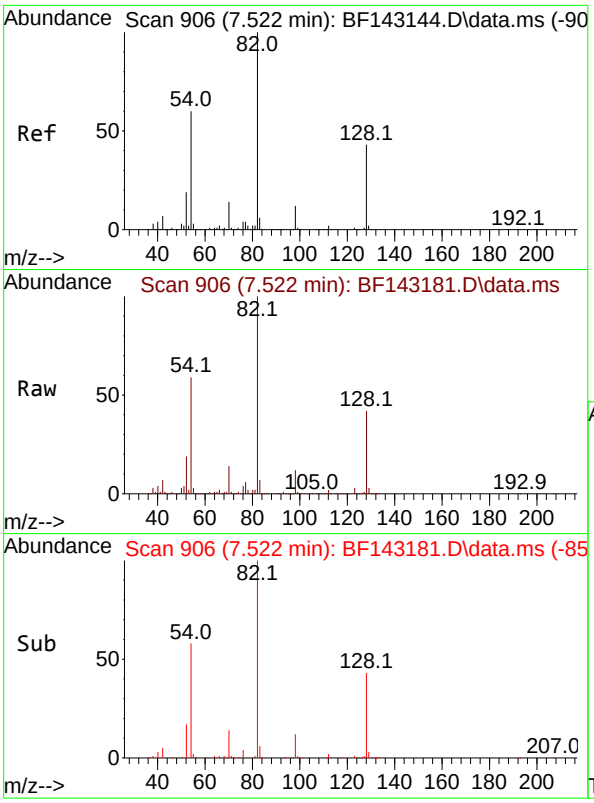


#22
Acetophenone
Concen: 41.311 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:105 Resp: 518130

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.8	8.6
51	40.1	30.2	45.2
120	22.8	18.2	27.4



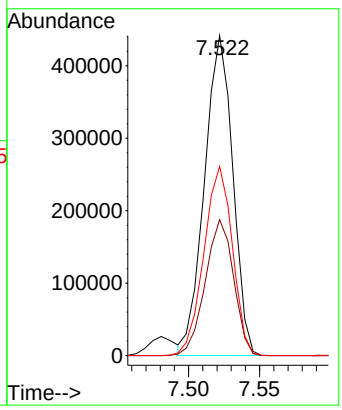


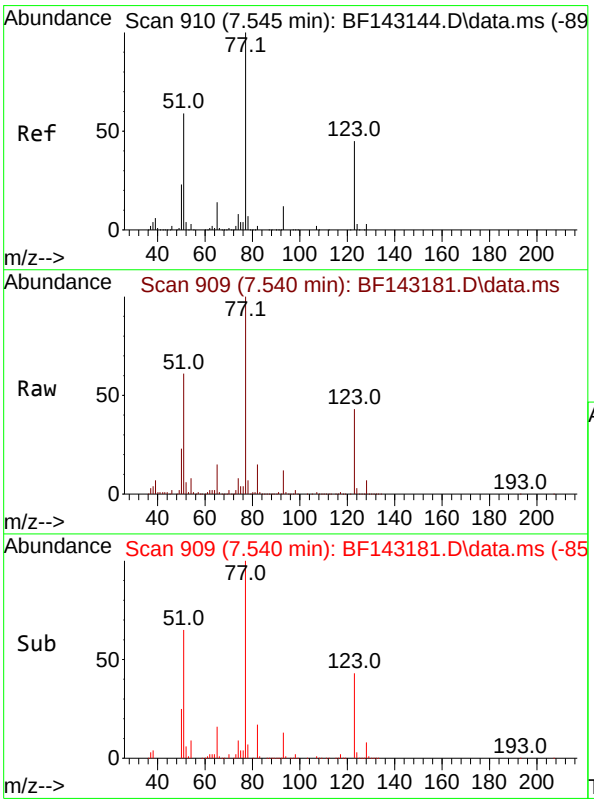
#23
Nitrobenzene-d5
Concen: 57.720 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 82 Resp: 613436

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.6	50.4
54	59.2	47.1	70.7

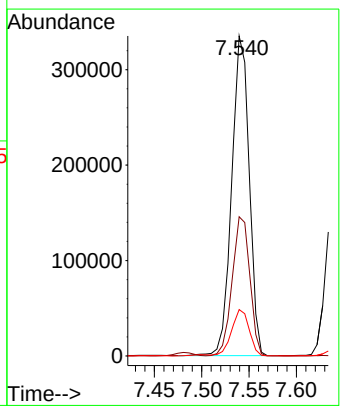


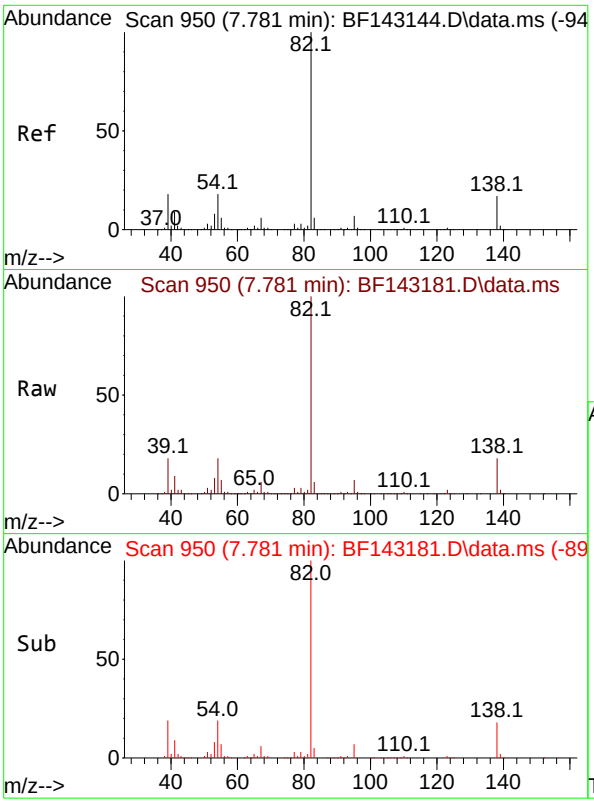


#24
Nitrobenzene
Concen: 43.395 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 77 Resp: 429974

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.5	11.4	17.2



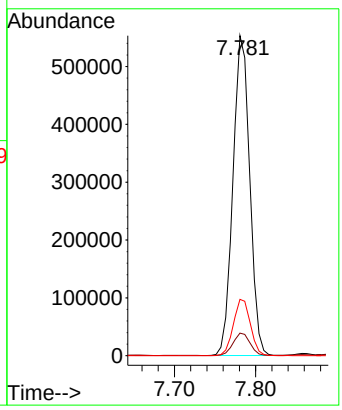


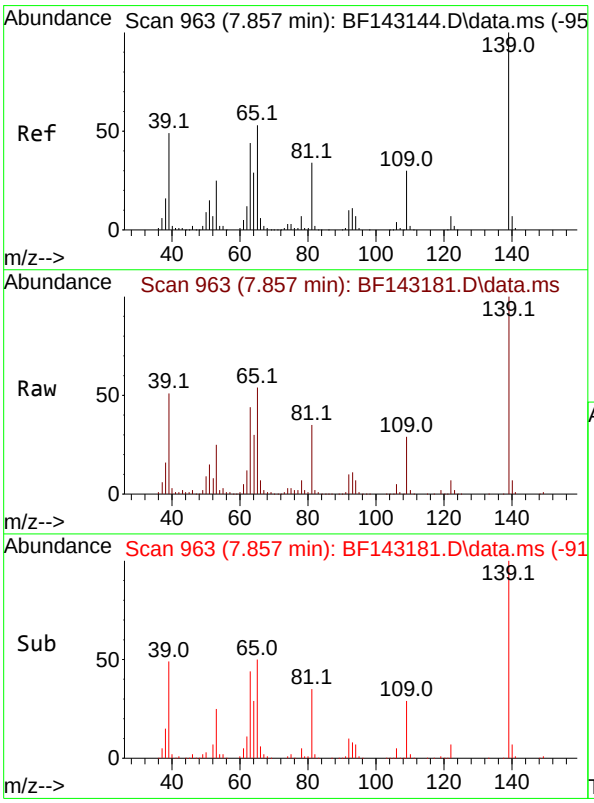
#25
Isophorone
Concen: 42.282 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 82 Resp: 793276

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.6	13.8	20.8

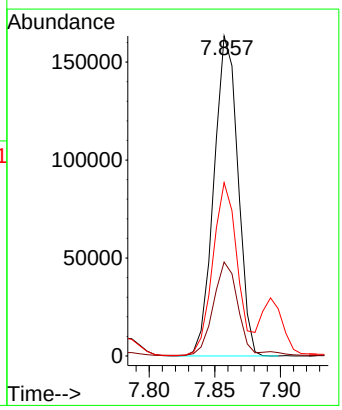


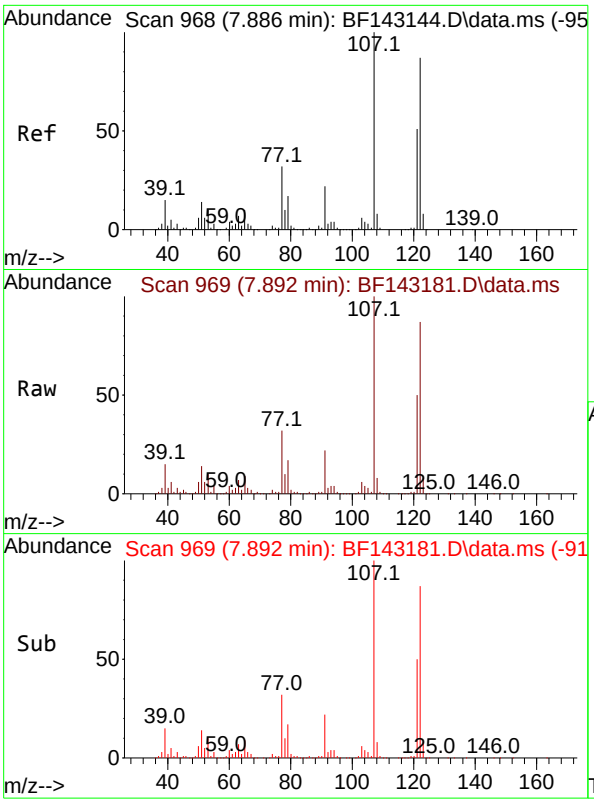


#26
2-Nitrophenol
Concen: 48.321 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 207791

Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.6	35.4
65	54.2	42.6	64.0



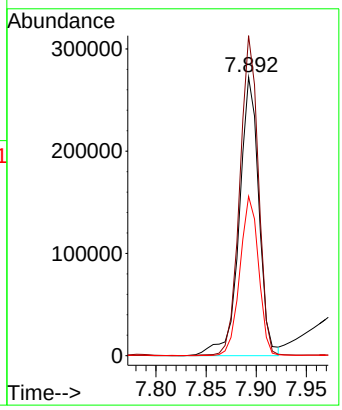


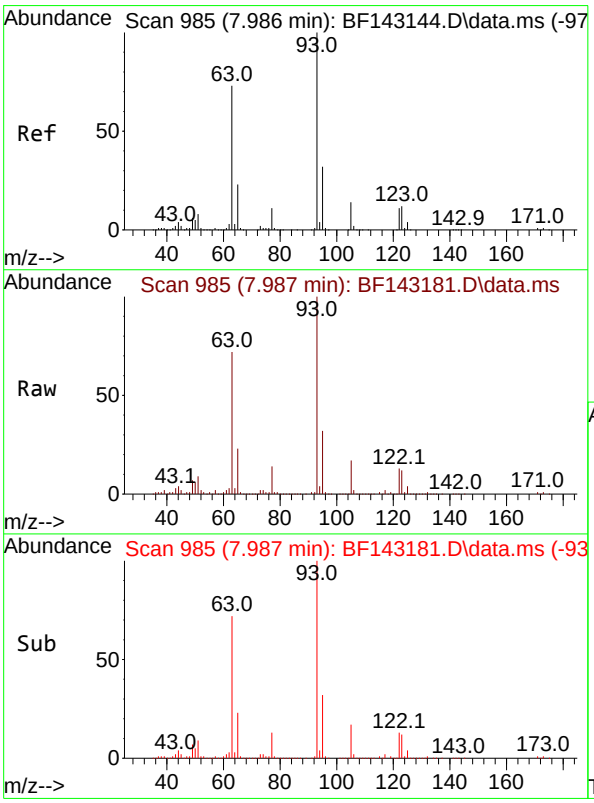
#27
2,4-Dimethylphenol
Concen: 42.358 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:122 Resp: 371287

Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.8	137.6
121	57.2	46.3	69.5

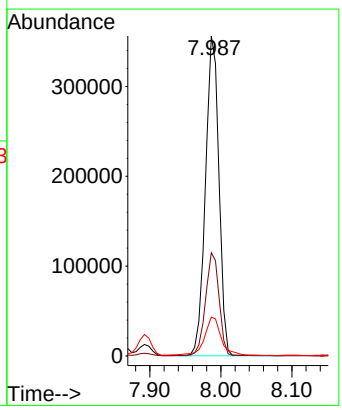


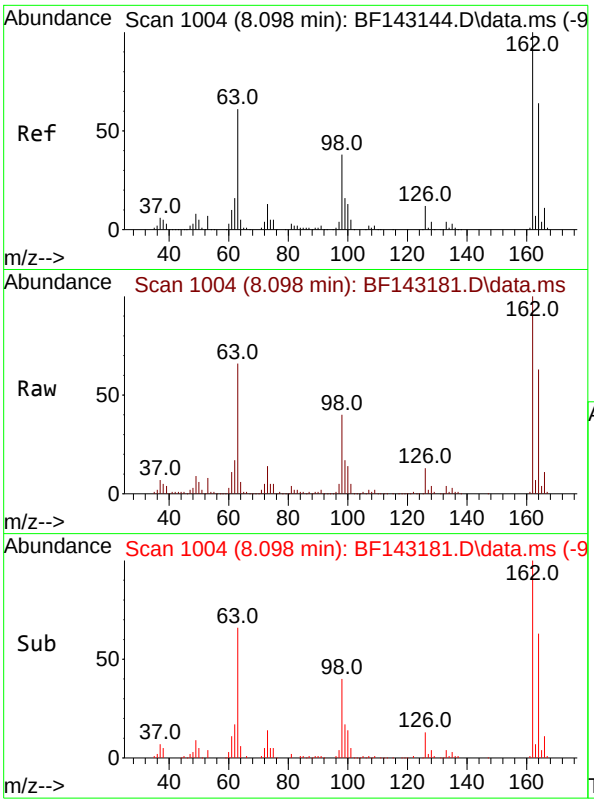


#28
bis(2-Chloroethoxy)methane
Concen: 41.702 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 469100

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	12.2	9.7	14.5



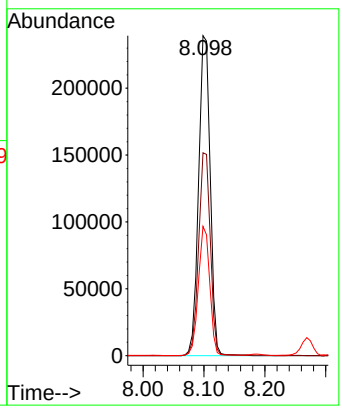


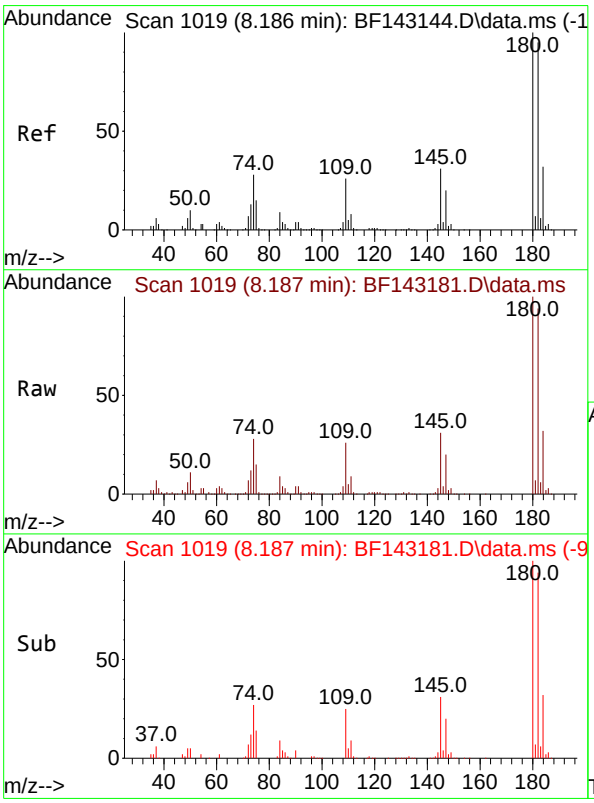
#29
2,4-Dichlorophenol
Concen: 42.863 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:162 Resp: 316852

Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.2	84.2
98	40.4	17.9	57.9

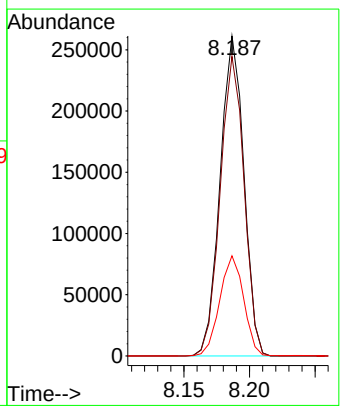


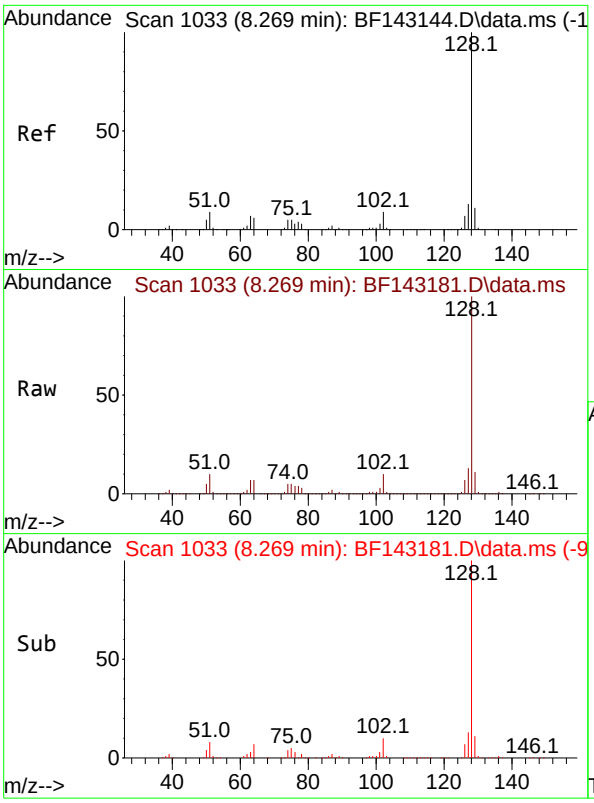


#30
1,2,4-Trichlorobenzene
Concen: 41.232 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:180 Resp: 329282

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.2	114.2
145	31.3	25.0	37.6



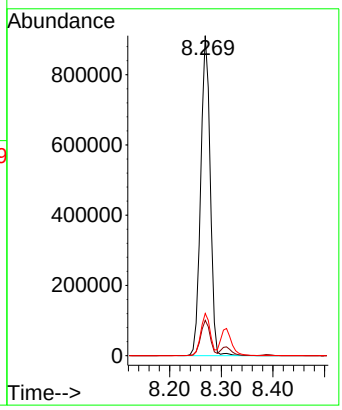


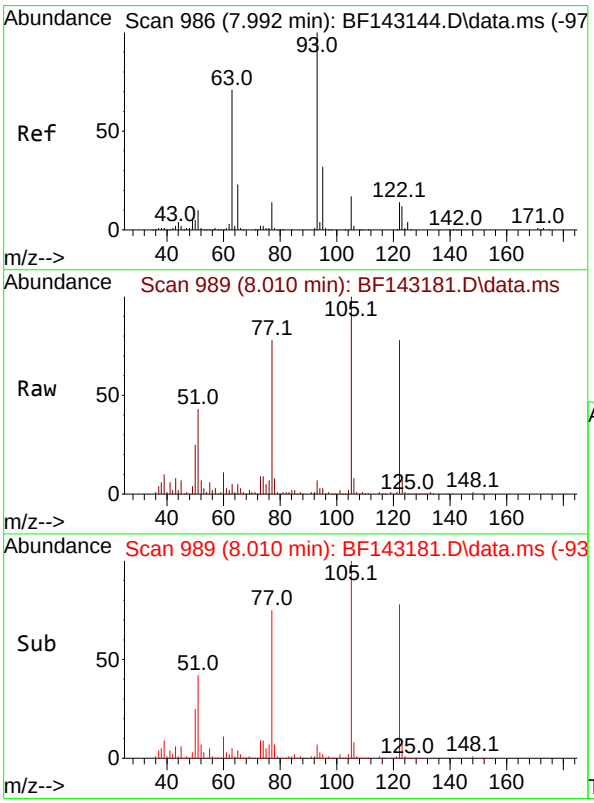
#31
Naphthalene
Concen: 44.458 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:128 Resp: 1159919

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	16.0

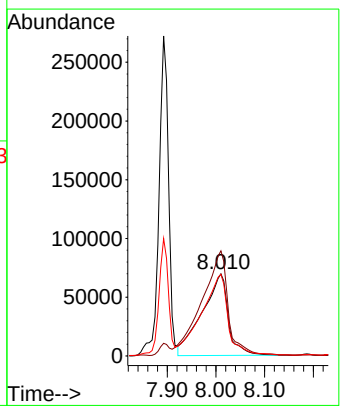


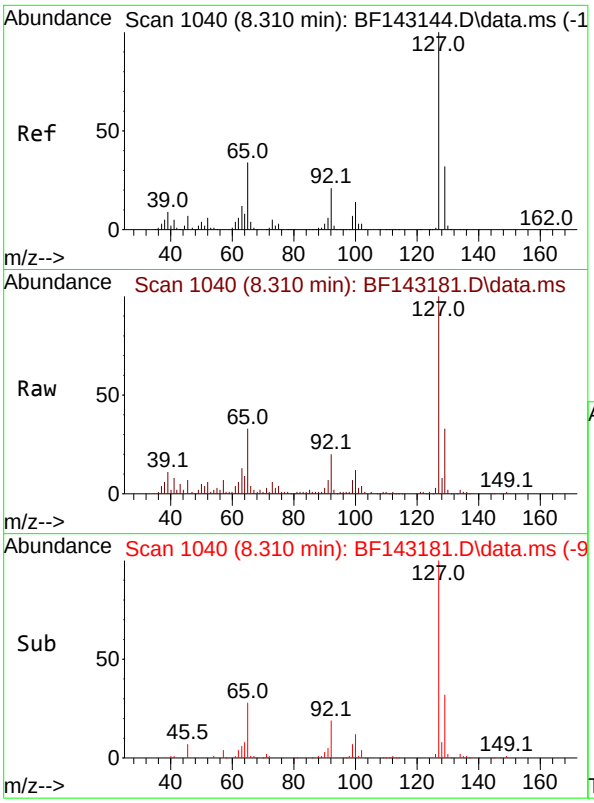


#32
Benzoic acid
Concen: 52.195 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:122 Resp: 260227

Ion	Ratio	Lower	Upper
122	100		
105	128.1	104.8	144.8
77	99.6	77.6	117.6



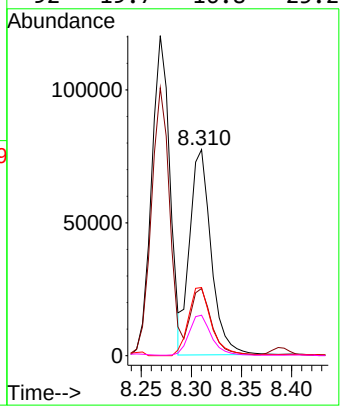


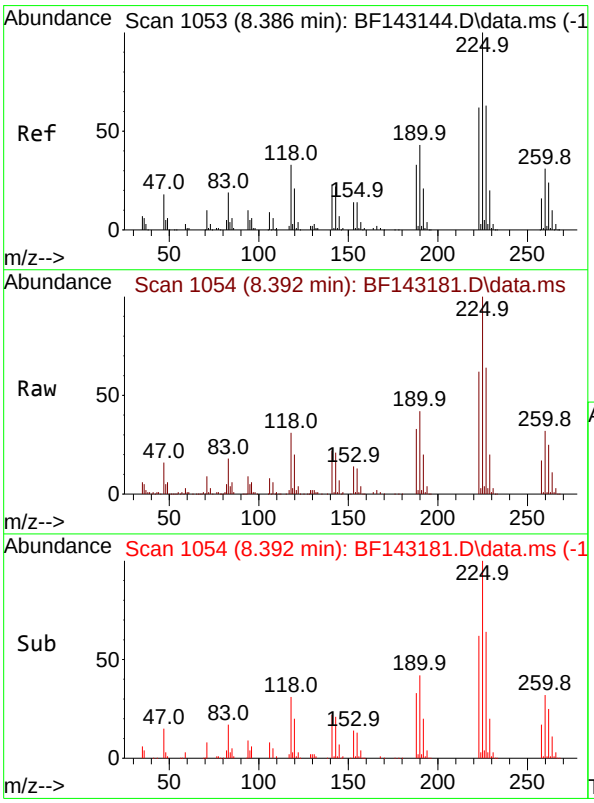
#33
4-Chloroaniline
Concen: 10.785 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:127 Resp: 114890

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	33.1	27.4	41.2
92	19.7	16.8	25.2

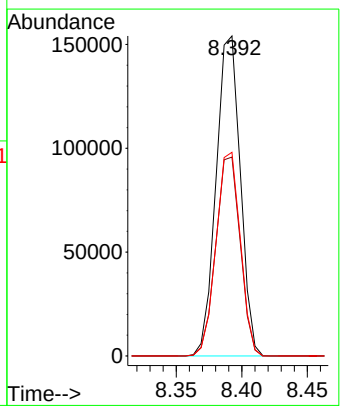


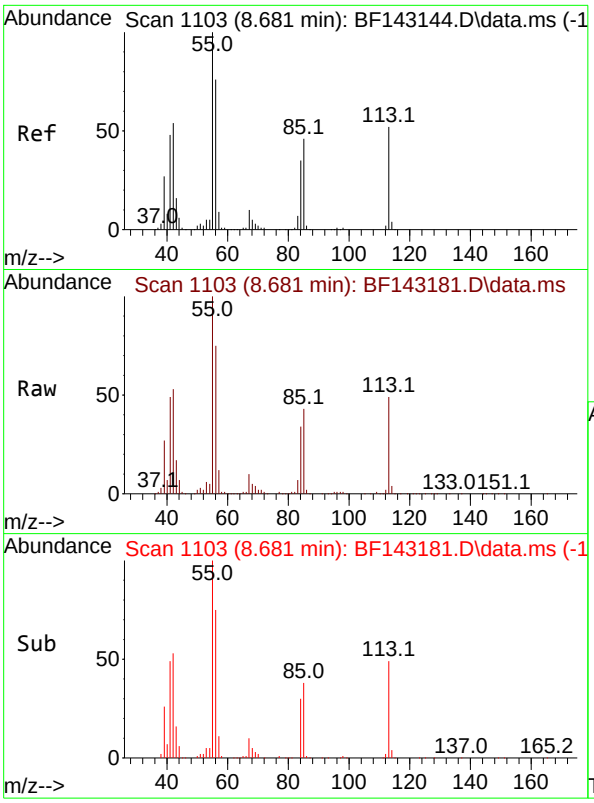


#34
Hexachlorobutadiene
Concen: 40.563 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:225 Resp: 197888

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	63.7	50.2	75.4



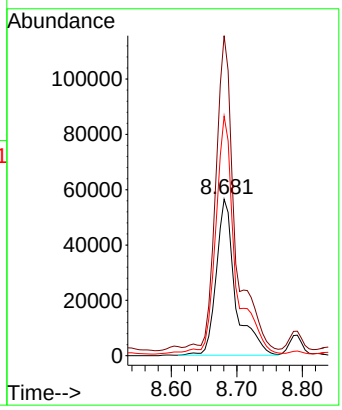


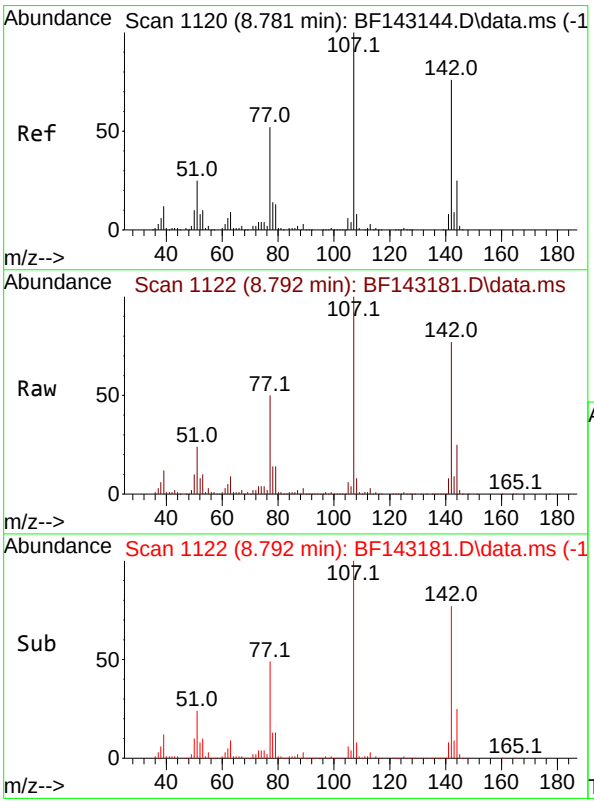
#35
Caprolactam
Concen: 51.232 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:113 Resp: 114441

Ion	Ratio	Lower	Upper
113	100		
55	204.6	174.0	214.0
56	153.2	126.6	166.6

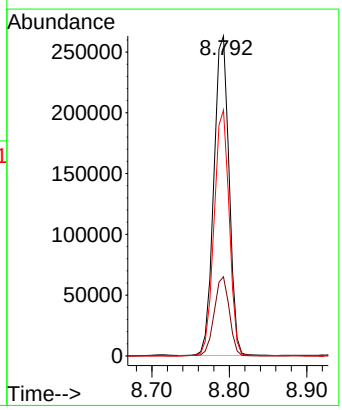


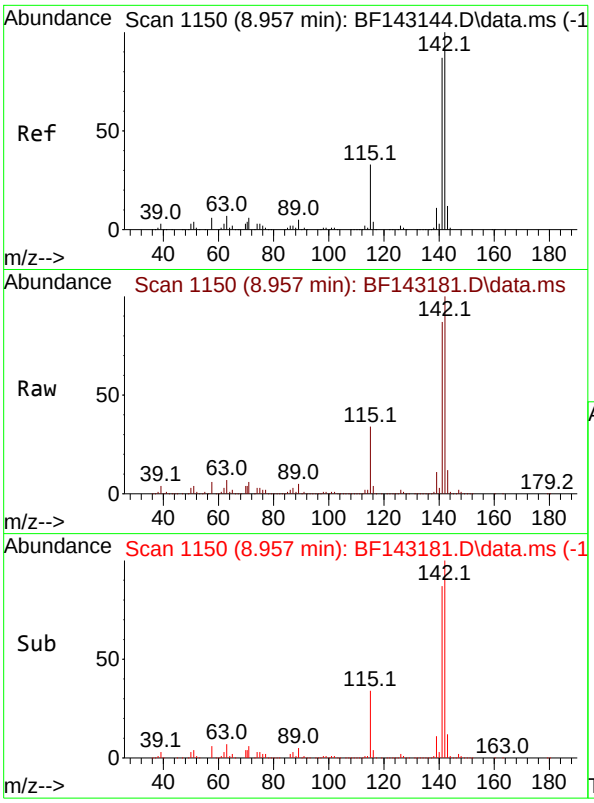


#36
4-Chloro-3-methylphenol
Concen: 44.590 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 358269

Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	76.9	60.6	90.8



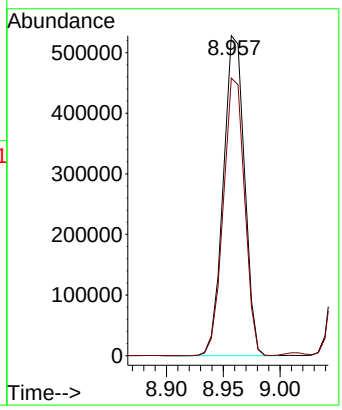


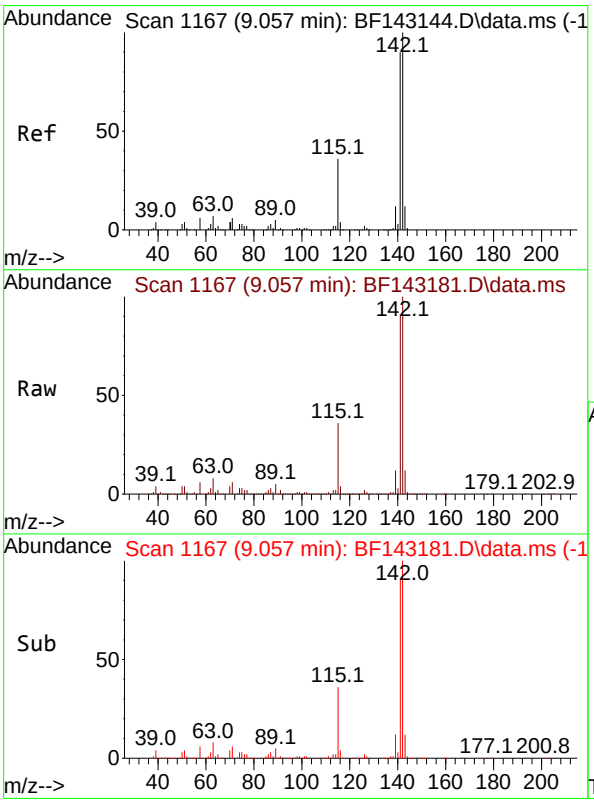
#37
2-Methylnaphthalene
Concen: 43.229 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:142 Resp: 686312

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.9	104.9

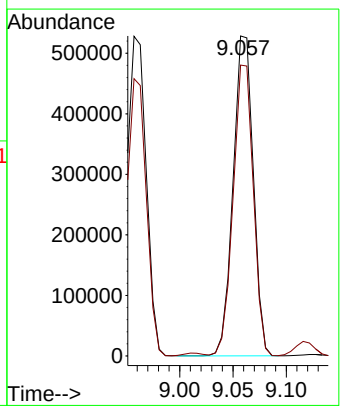


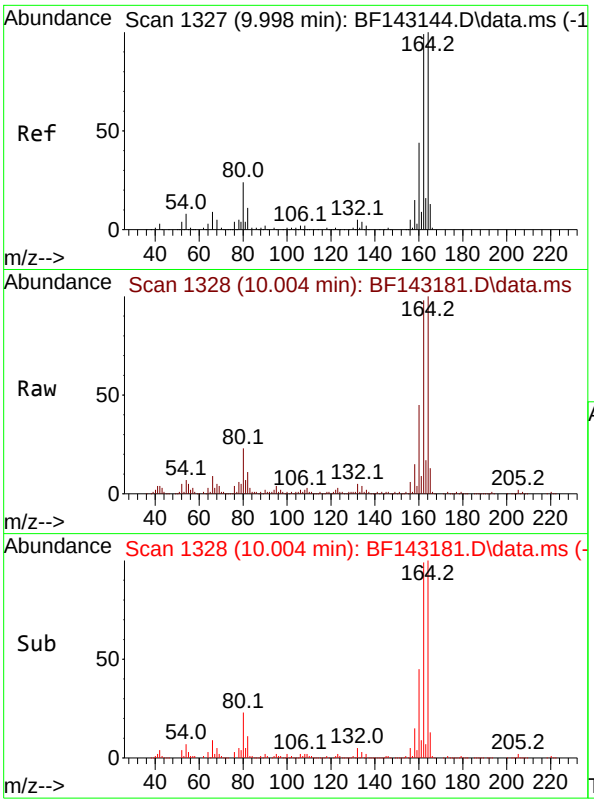


#38
1-Methylnaphthalene
Concen: 42.680 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:142 Resp: 697758

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5



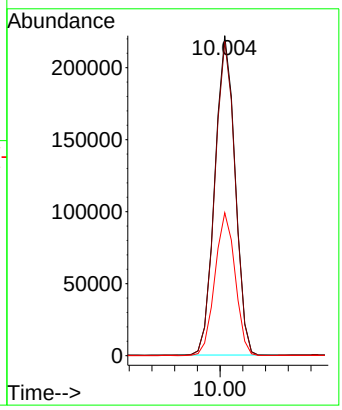


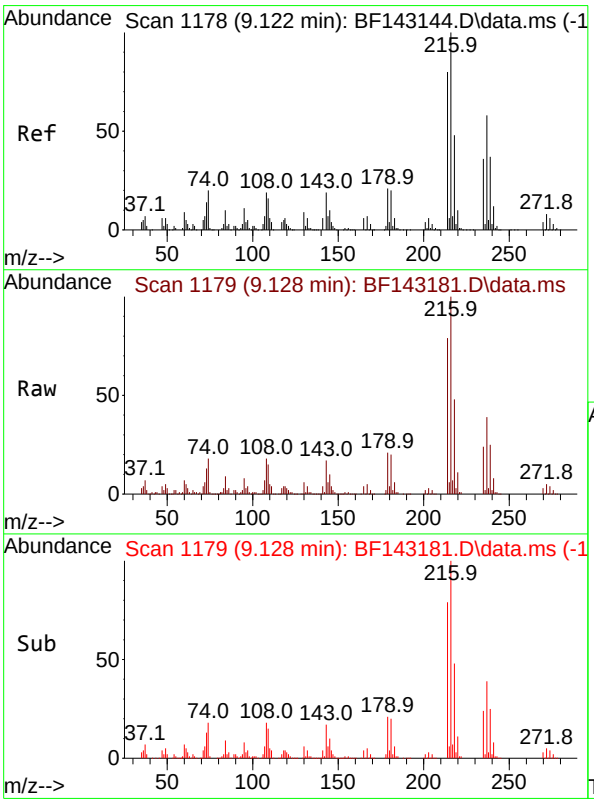
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:164 Resp: 274462

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.0	118.6
160	44.7	35.1	52.7

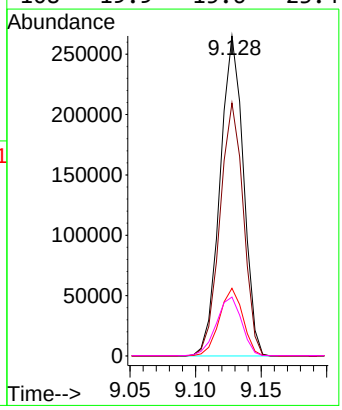


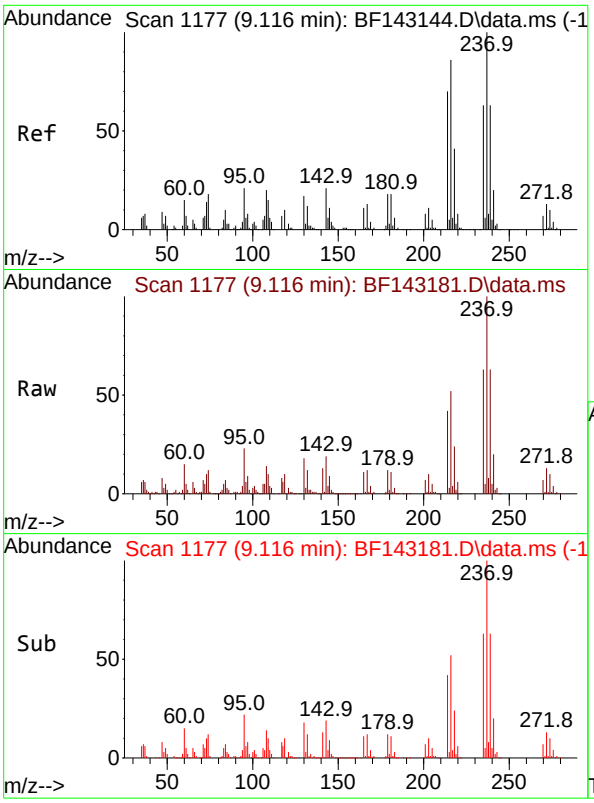


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.506 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:216 Resp: 328897

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.8
179	21.2	16.4	24.6
108	19.9	15.6	23.4



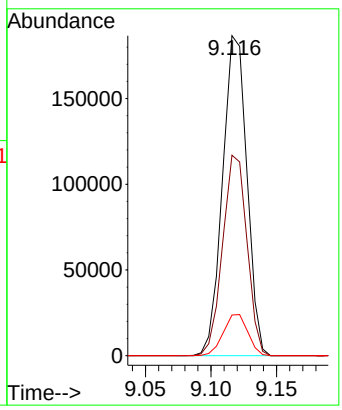


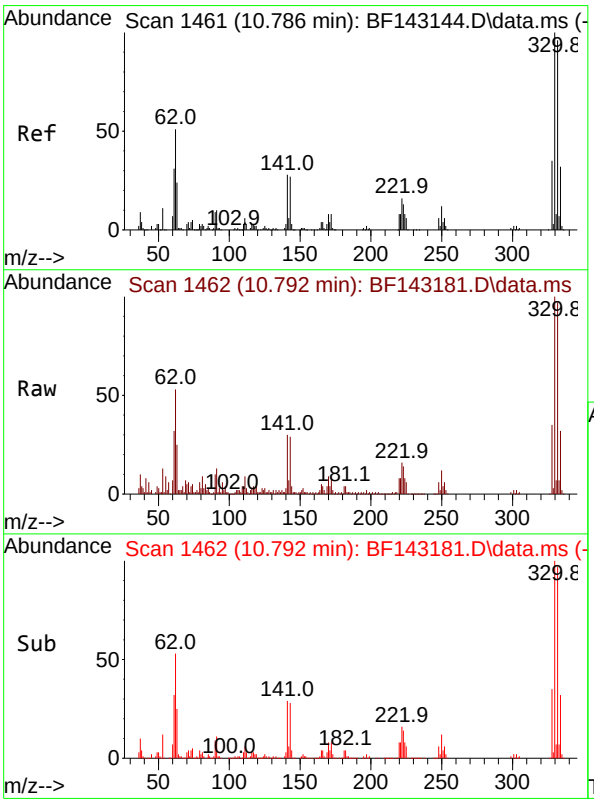
#41
Hexachlorocyclopentadiene
Concen: 46.829 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:237 Resp: 241446

Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.0	83.0
272	12.7	0.0	33.3

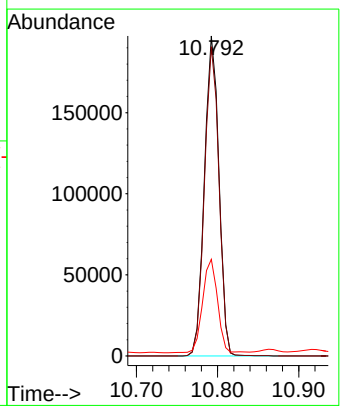


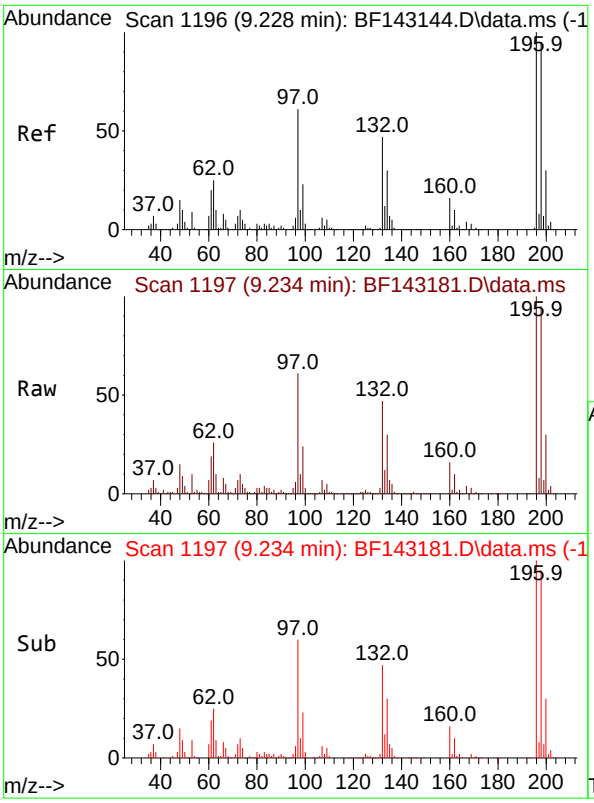


#42
2,4,6-Tribromophenol
Concen: 86.354 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:330 Resp: 244844

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	29.8	23.3	34.9



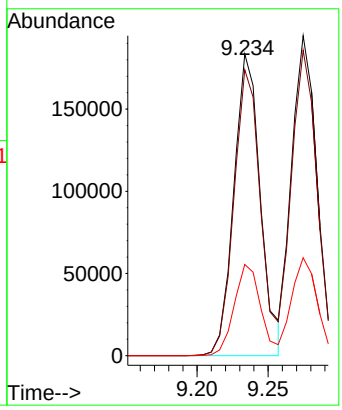


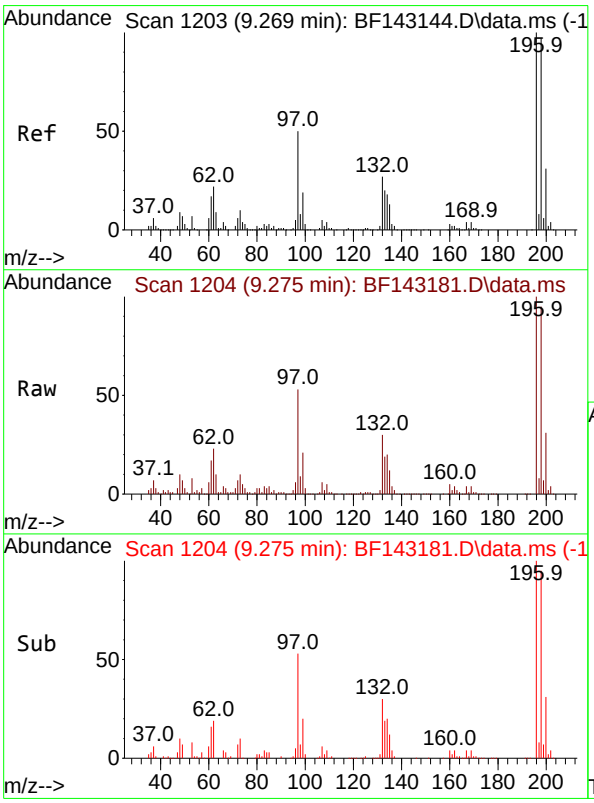
#43
2,4,6-Trichlorophenol
Concen: 43.470 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:196 Resp: 238395

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	30.2	23.9	35.9

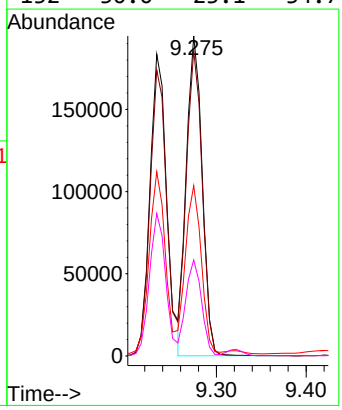


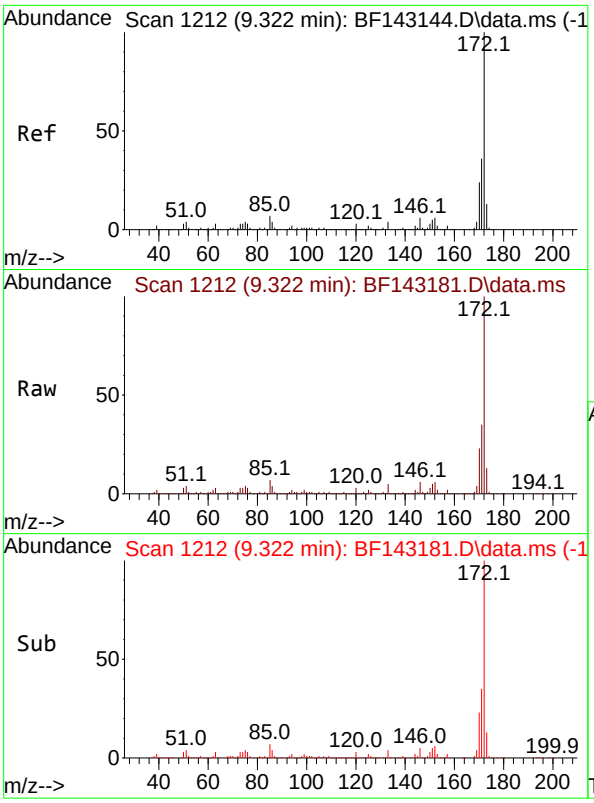


#44
2,4,5-Trichlorophenol
Concen: 43.512 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:196 Resp: 238695

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.3	115.9
97	53.2	40.3	60.5
132	30.0	23.1	34.7



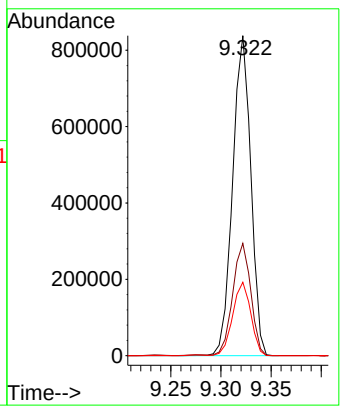


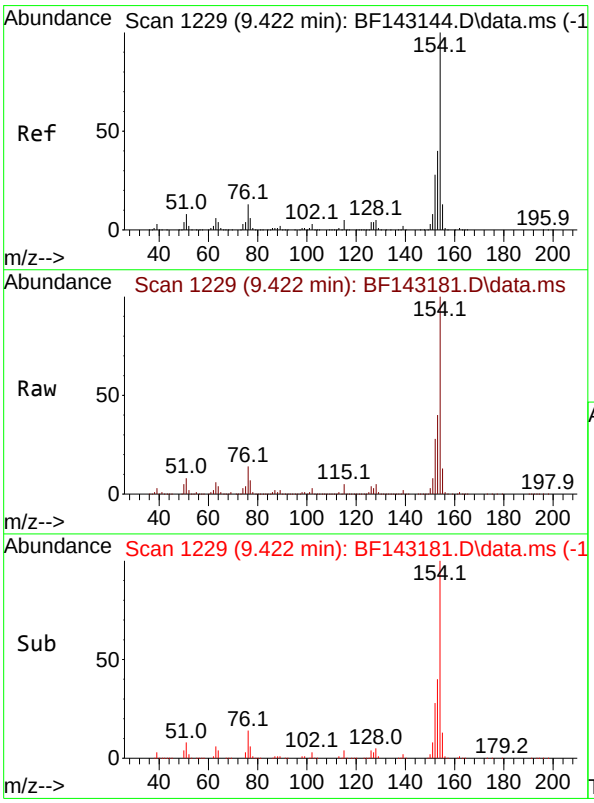
#45
2-Fluorobiphenyl
Concen: 52.801 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:172 Resp: 1059631

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.0	18.8	28.2

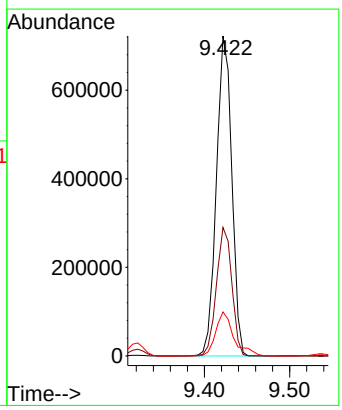


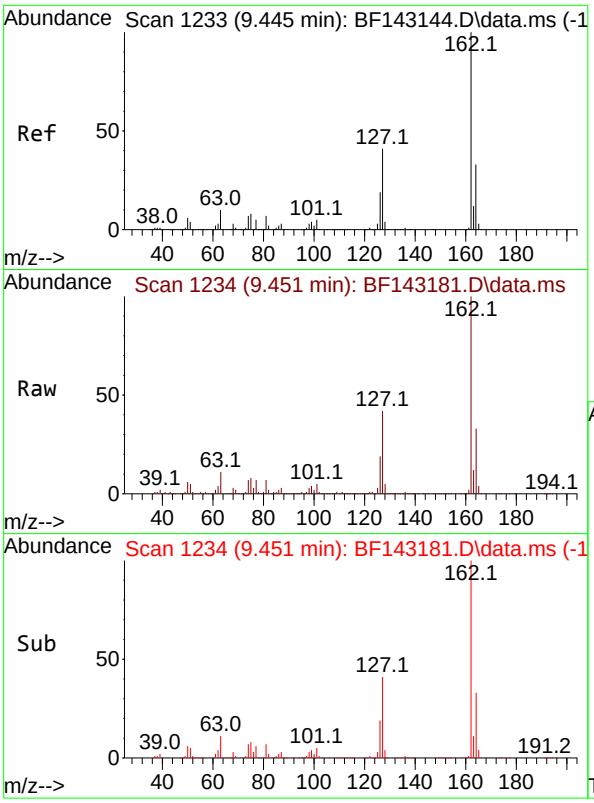


#46
1,1'-Biphenyl
Concen: 42.350 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:154 Resp: 906851

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.7	0.0	33.3



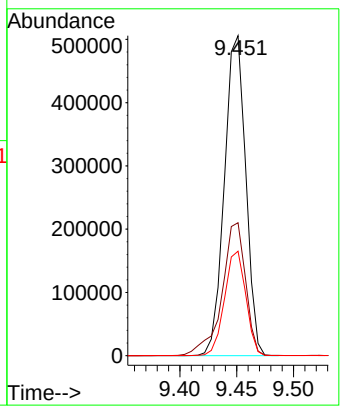


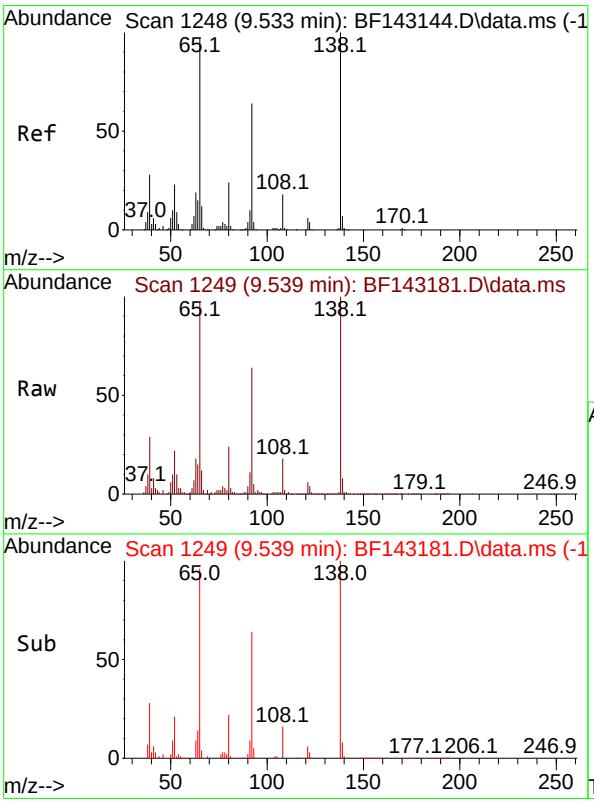
#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:162 Resp: 661581

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.7	26.2	39.2

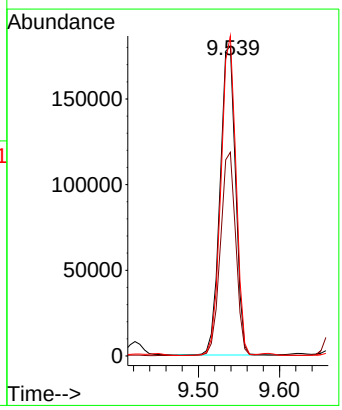


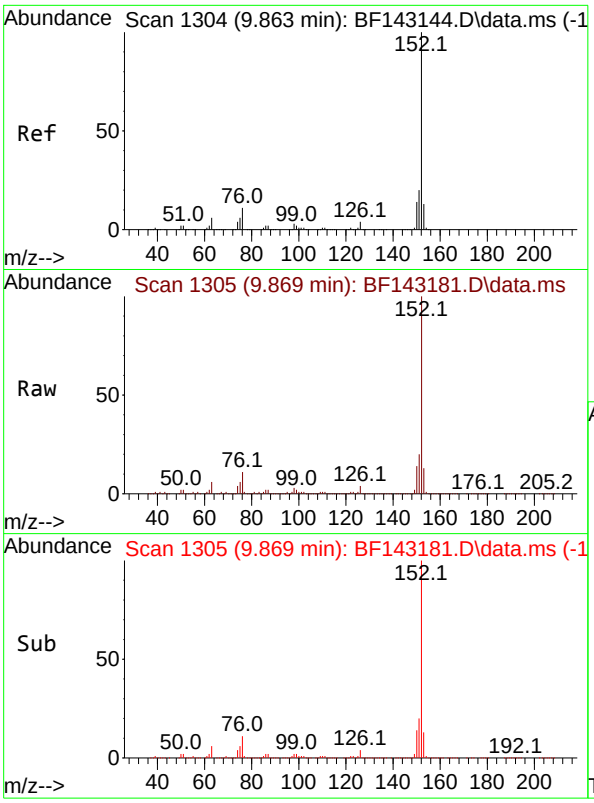


#48
2-Nitroaniline
Concen: 48.368 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 65 Resp: 240330

Ion	Ratio	Lower	Upper
65	100		
92	65.7	52.4	78.6
138	103.3	82.3	123.5



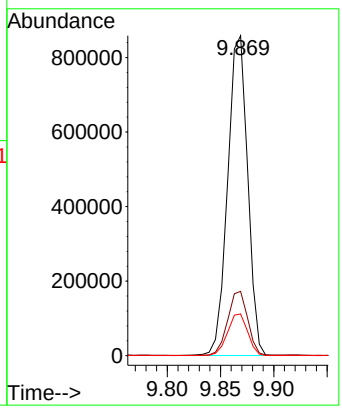


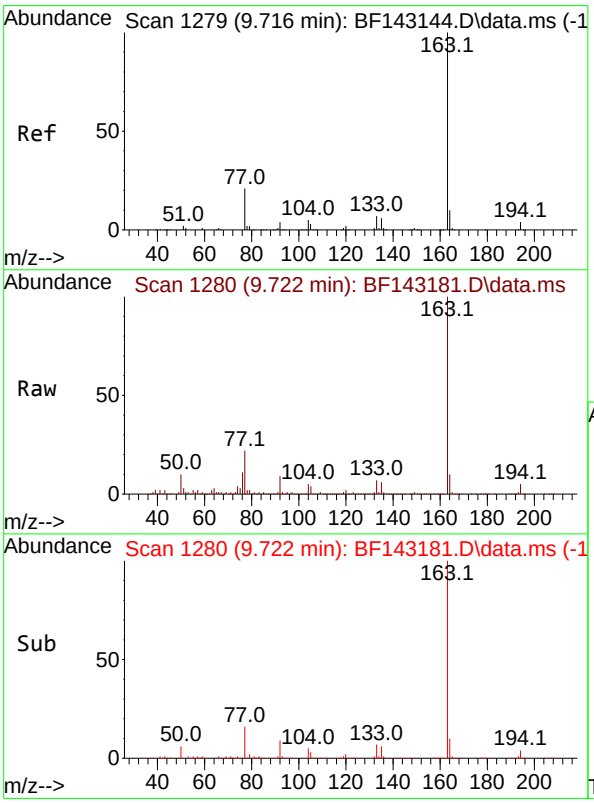
#49
Acenaphthylene
Concen: 42.250 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:152 Resp: 1121862

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0

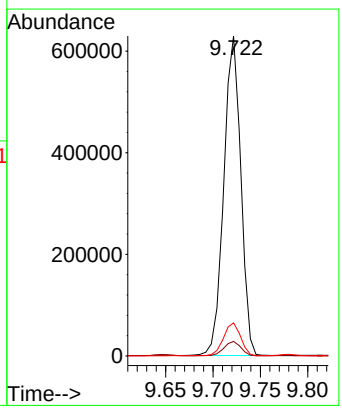


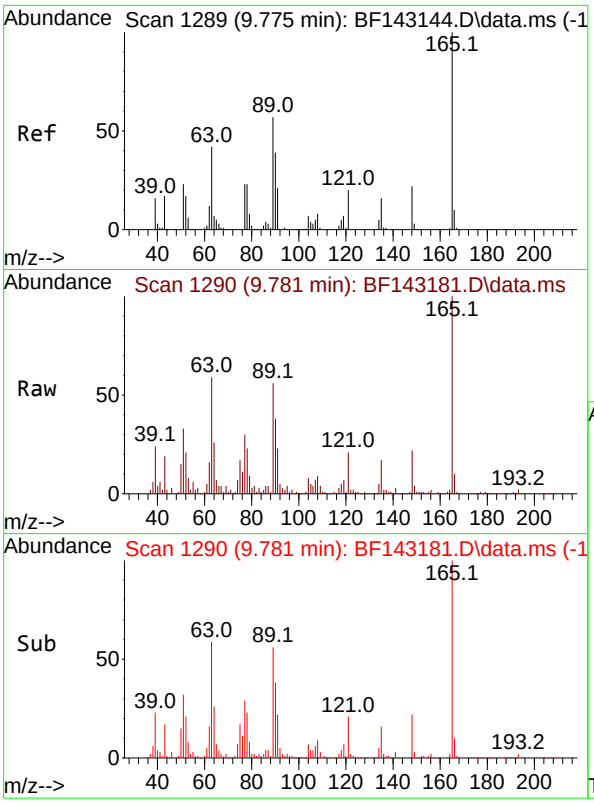


#50
Dimethylphthalate
Concen: 43.933 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:163 Resp: 785971

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.3	8.3	12.5



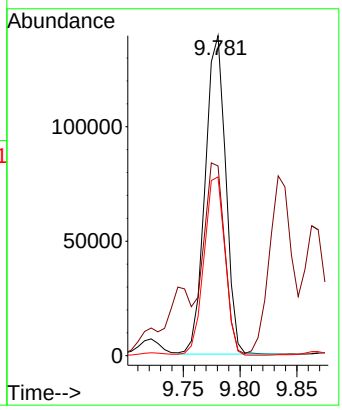


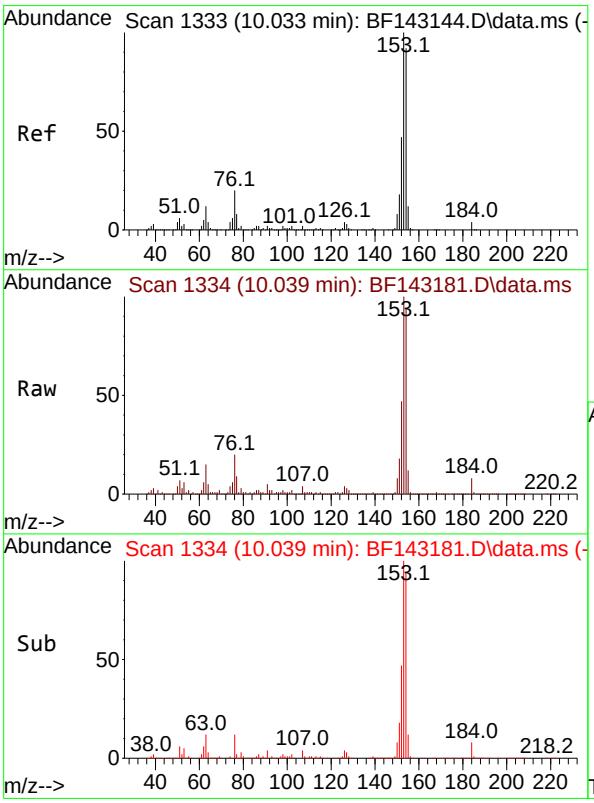
#51
2,6-Dinitrotoluene
Concen: 48.027 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:165 Resp: 174789

Ion	Ratio	Lower	Upper
165	100		
63	59.3	49.4	74.2
89	55.8	46.2	69.2

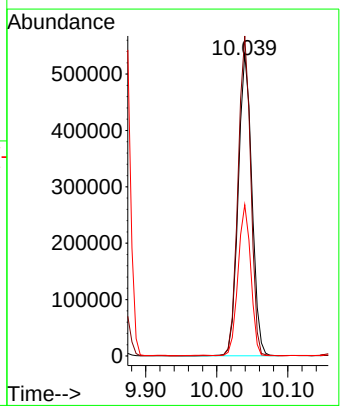


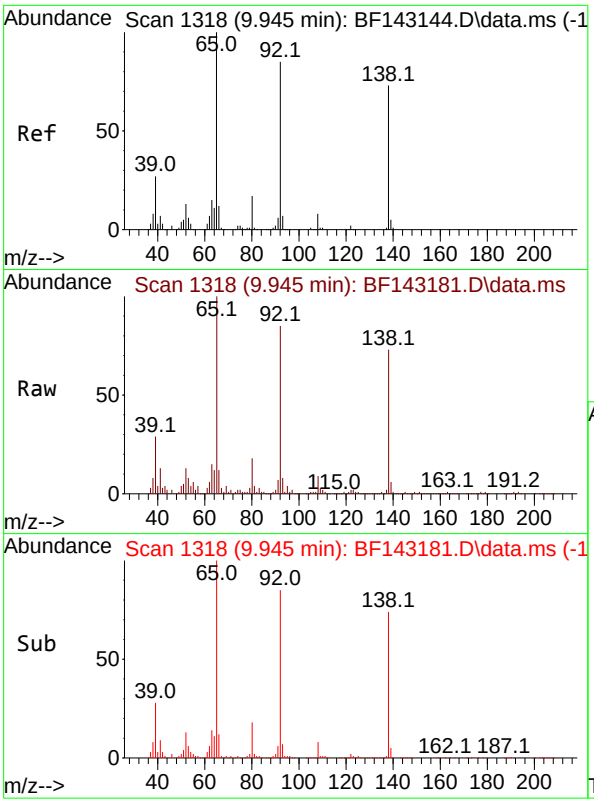


#52
Acenaphthene
Concen: 45.702 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:154 Resp: 717249

Ion	Ratio	Lower	Upper
154	100		
153	105.9	86.6	129.8
152	50.0	40.4	60.6



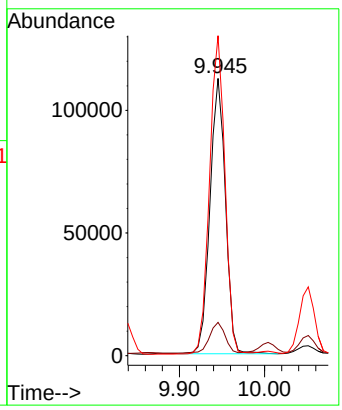


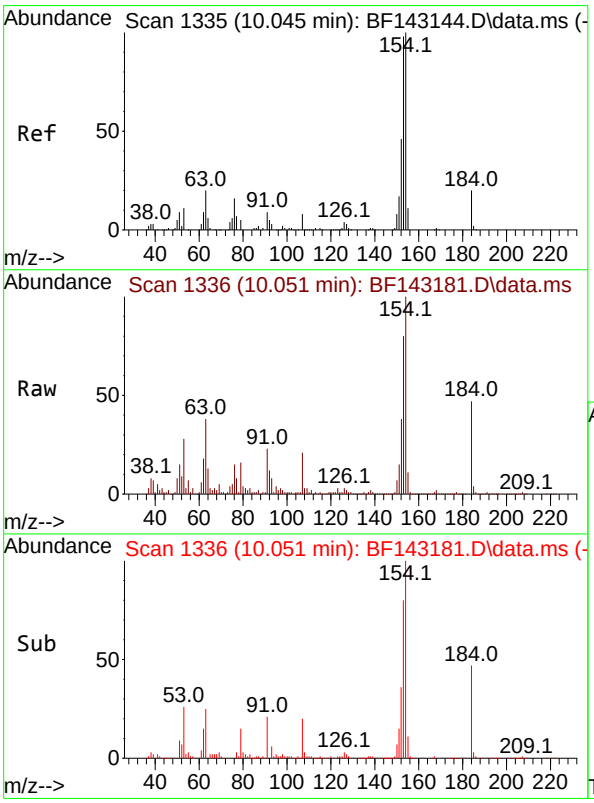
#53
3-Nitroaniline
Concen: 33.307 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:138 Resp: 141784

Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.0	13.6
92	115.4	93.0	139.4

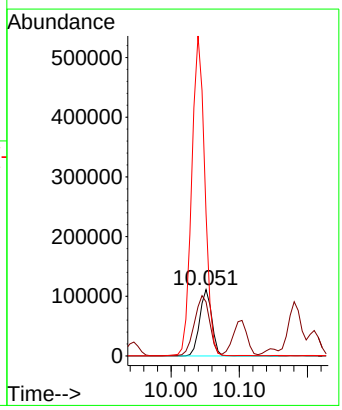


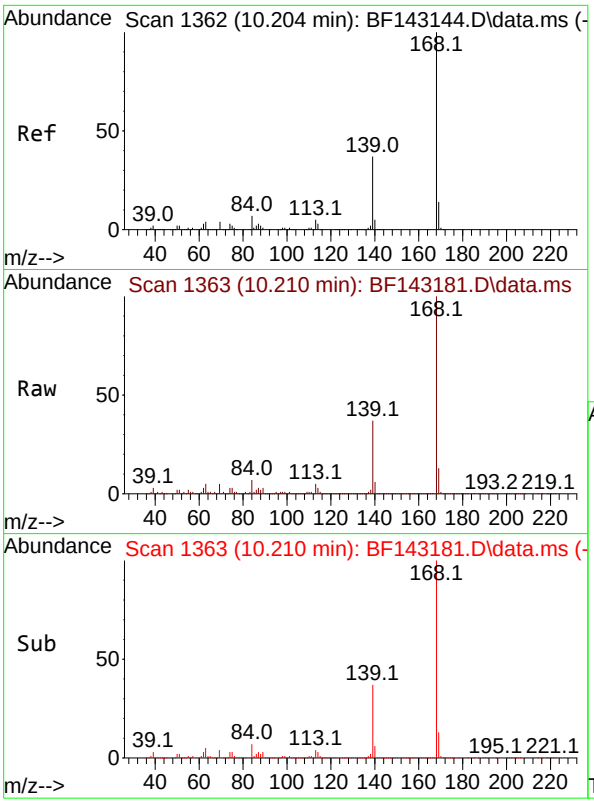


#54
2,4-Dinitrophenol
Concen: 83.480 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:184 Resp: 138218

Ion	Ratio	Lower	Upper
184	100		
63	81.4	81.8	122.6#
154	214.4	412.2	618.4#



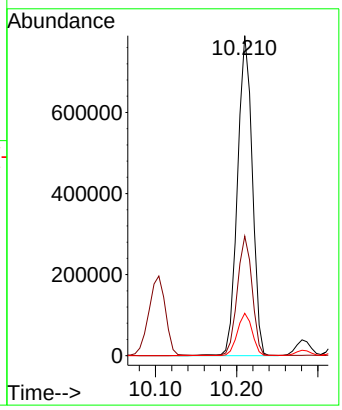


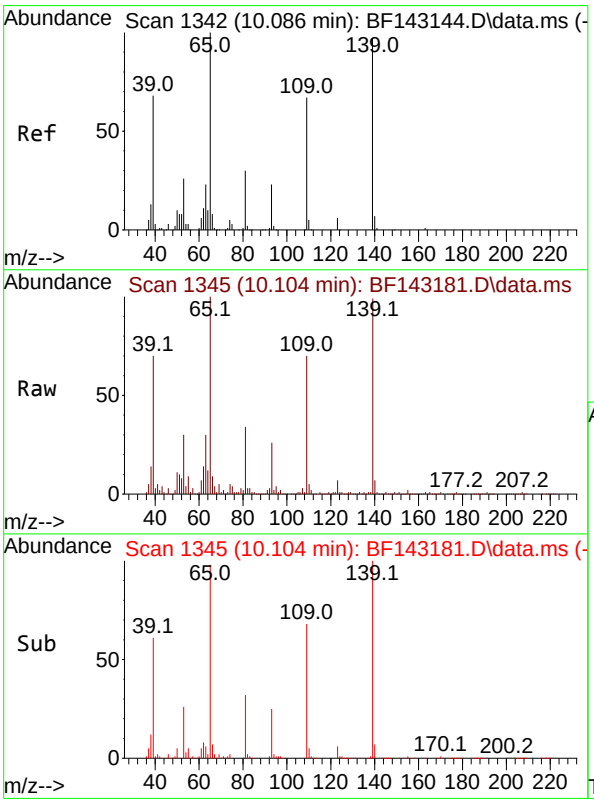
#55
Dibenzofuran
Concen: 42.608 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:168 Resp: 992798

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.3	10.9	16.3

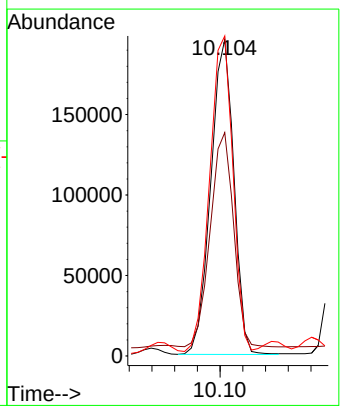


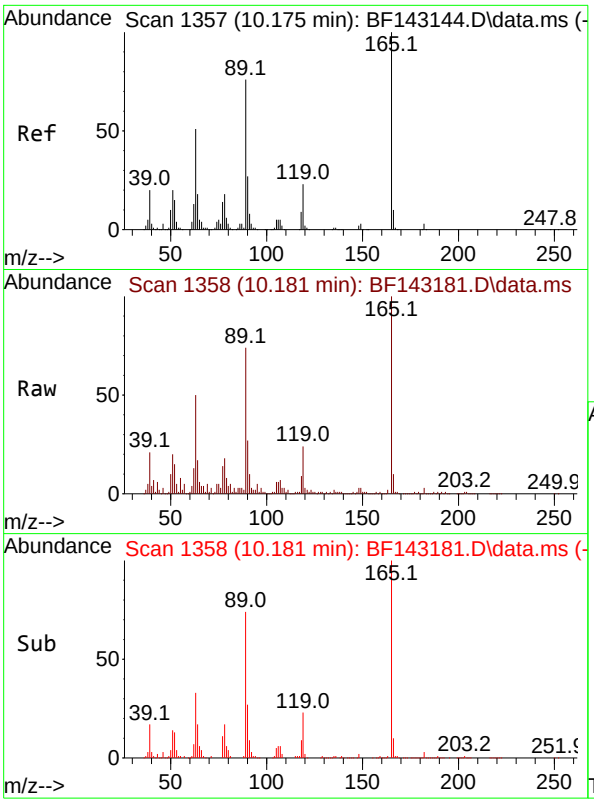


#56
4-Nitrophenol
Concen: 87.047 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 276705

Ion	Ratio	Lower	Upper
139	100		
109	70.6	48.5	88.5
65	101.1	83.4	123.4



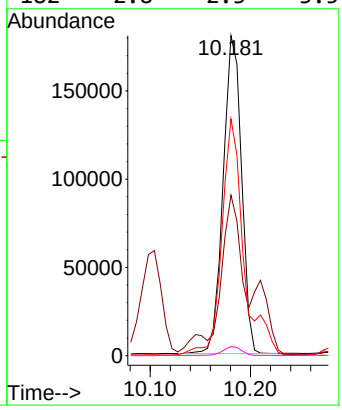


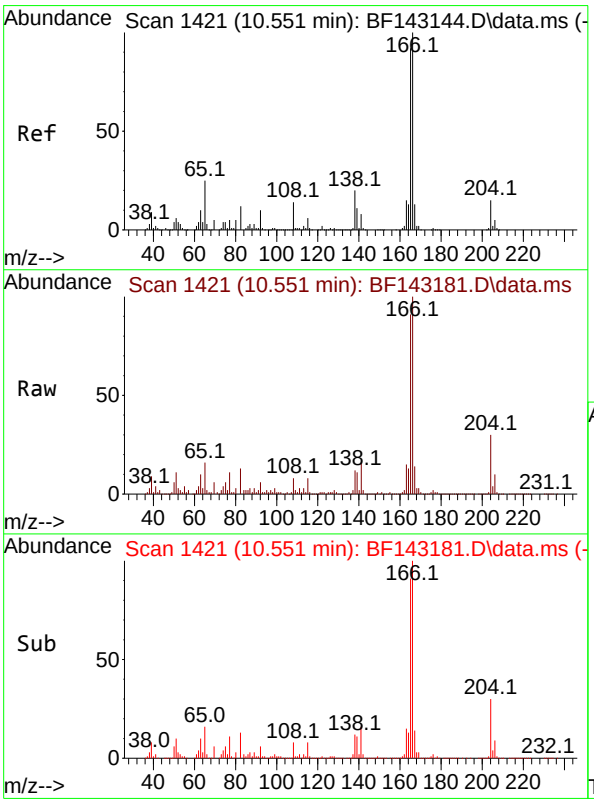
#57
2,4-Dinitrotoluene
Concen: 50.245 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:165 Resp: 229420

Ion	Ratio	Lower	Upper
165	100		
63	50.2	41.0	61.4
89	73.9	61.1	91.7
182	2.8	2.3	3.5

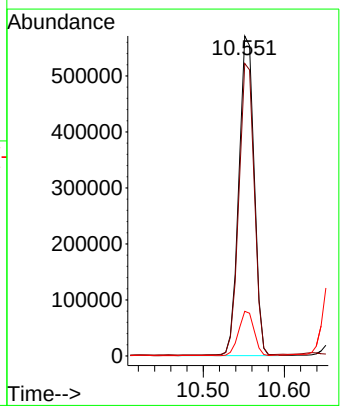


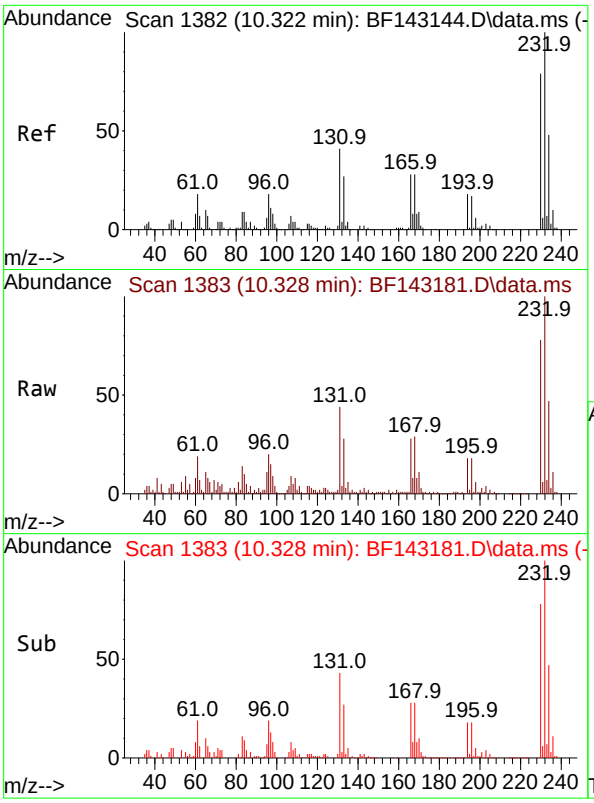


#58
Fluorene
Concen: 42.649 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:166 Resp: 745825

Ion	Ratio	Lower	Upper
166	100		
165	91.4	73.7	110.5
167	14.0	10.6	16.0



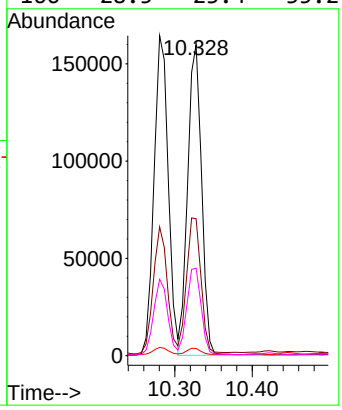


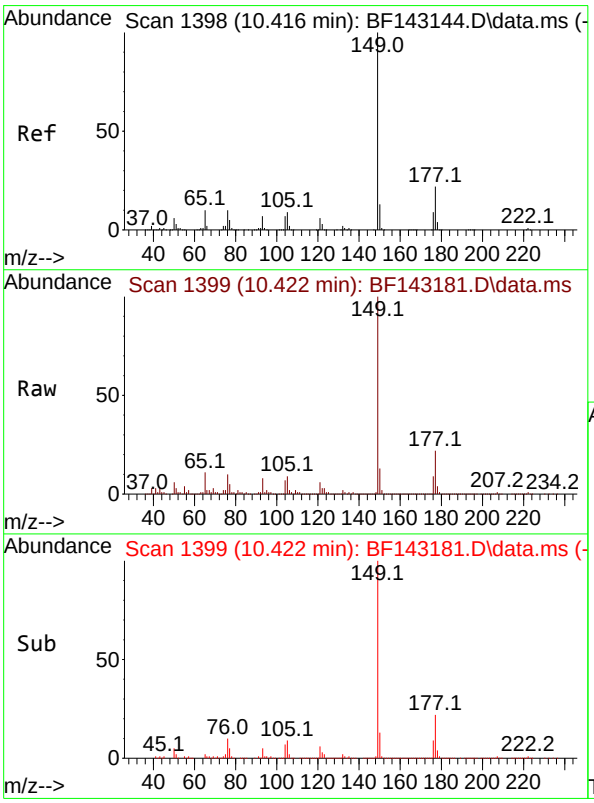
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.788 ng
RT: 10.328 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:232 Resp: 198979

Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.3	52.9
130	2.2	1.7	2.5
166	28.5	23.4	35.2

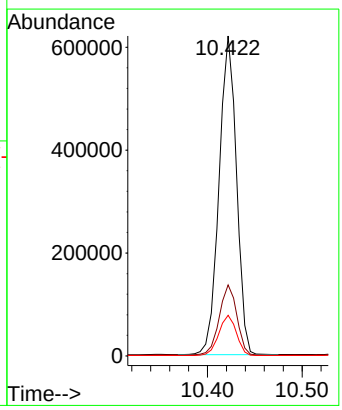


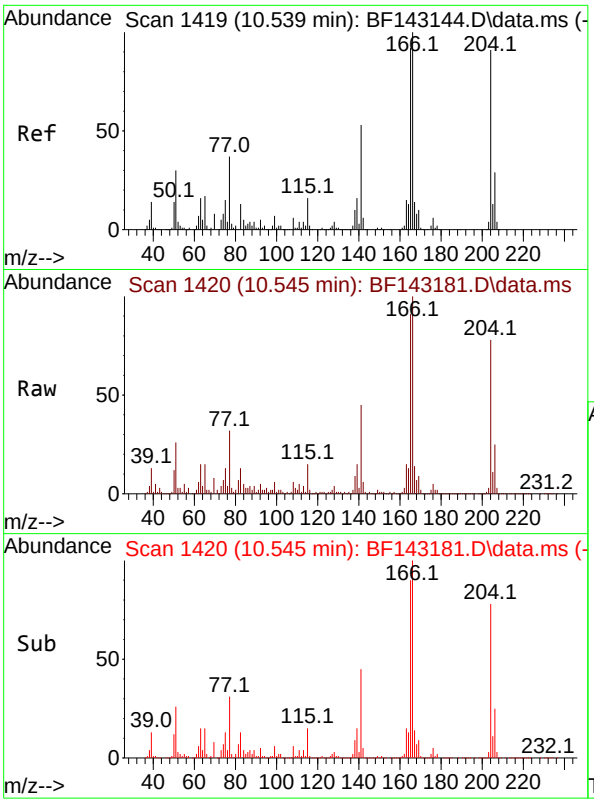


#60
Diethylphthalate
Concen: 44.896 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 793884

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.5	26.3
150	12.7	10.2	15.2



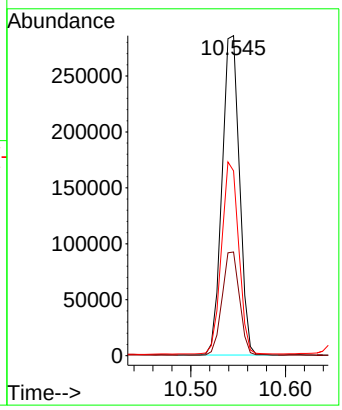


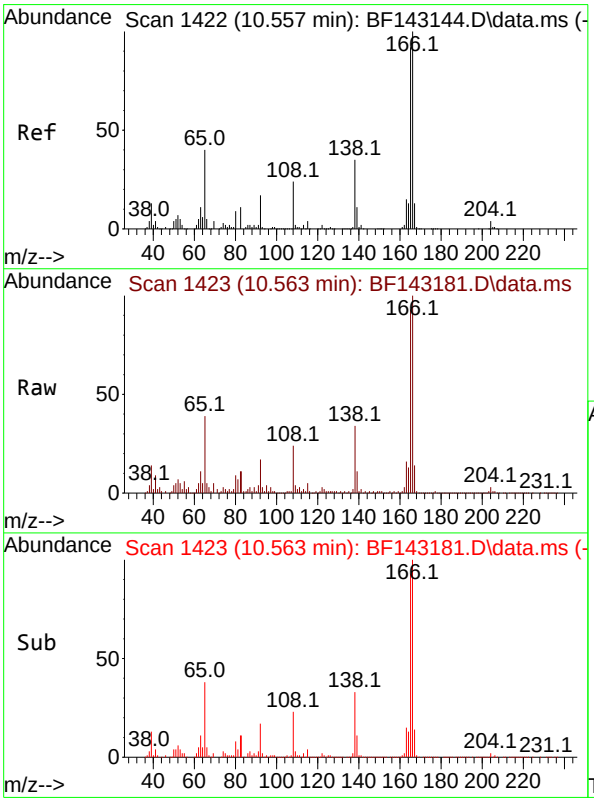
#61
4-Chlorophenyl-phenylether
Concen: 41.919 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:204 Resp: 365015

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	57.7	47.0	70.4

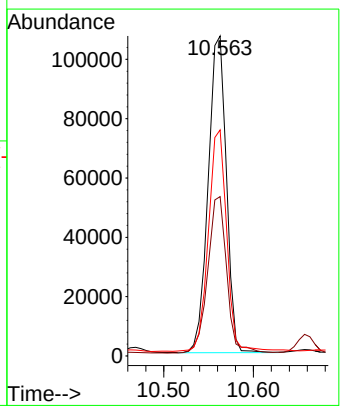


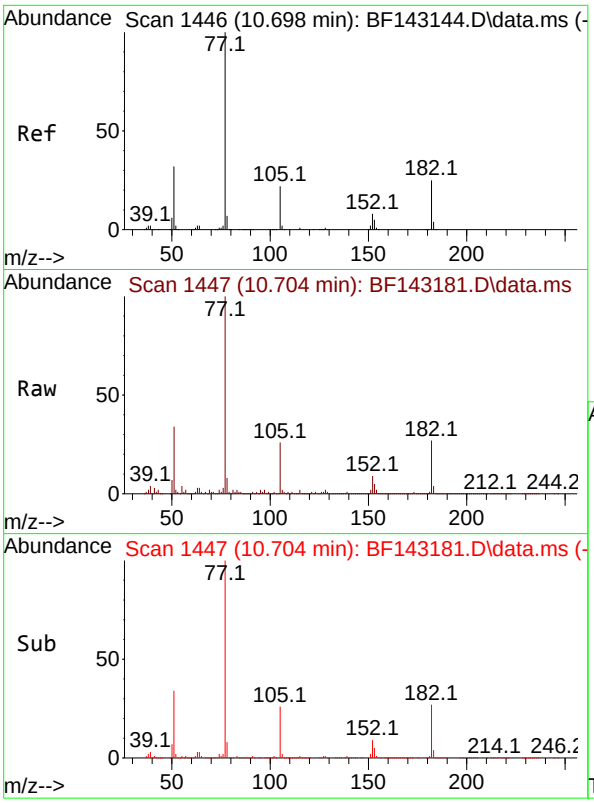


#62
4-Nitroaniline
Concen: 41.149 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:138 Resp: 150125

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.3	69.3
108	70.6	48.3	88.3



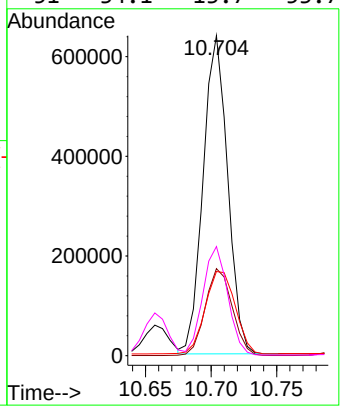


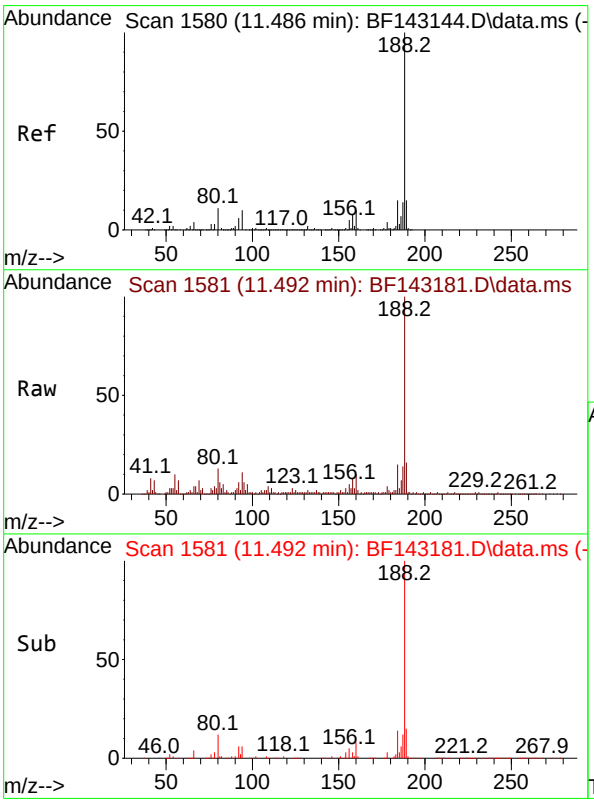
#63
Azobenzene
Concen: 45.166 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 77 Resp: 832376

Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.6	44.6
105	26.3	1.4	41.4
51	34.1	13.7	53.7

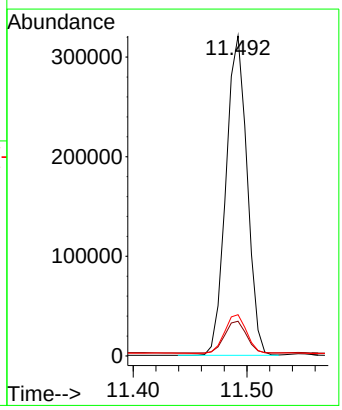


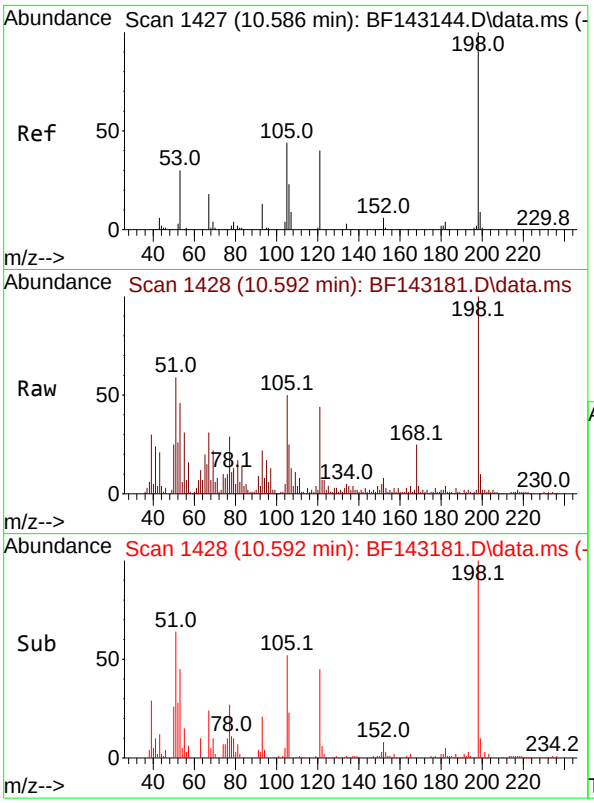


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:188 Resp: 414650

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.3	12.5
80	12.9	9.0	13.6



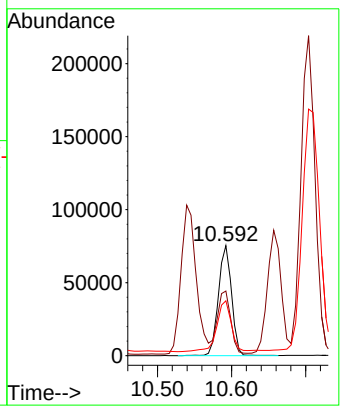


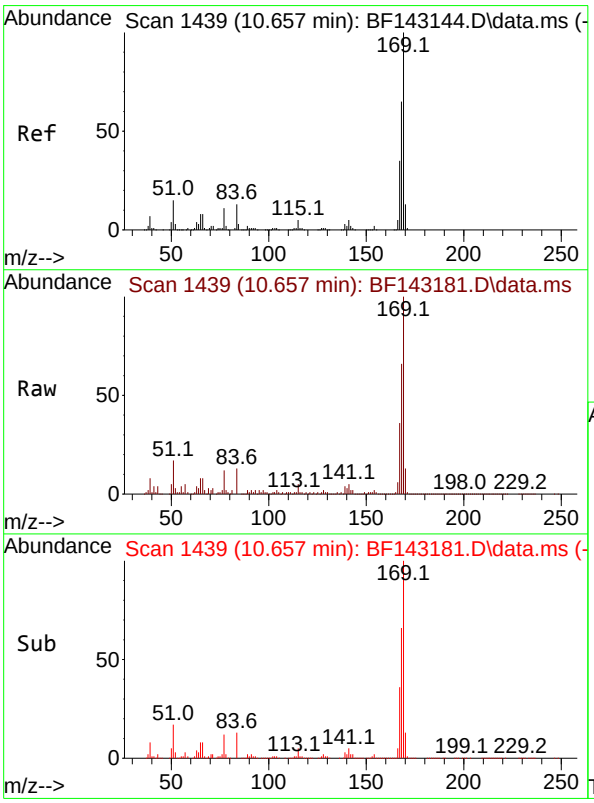
#65
4,6-Dinitro-2-methylphenol
Concen: 43.445 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:198 Resp: 93180

Ion	Ratio	Lower	Upper
198	100		
51	58.7	37.2	77.2
105	49.8	24.8	64.8

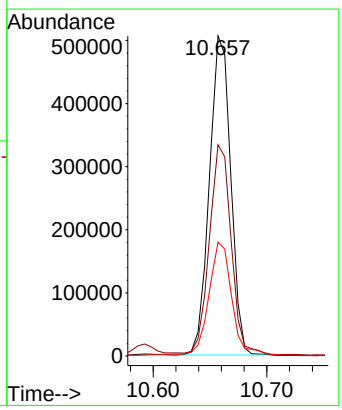


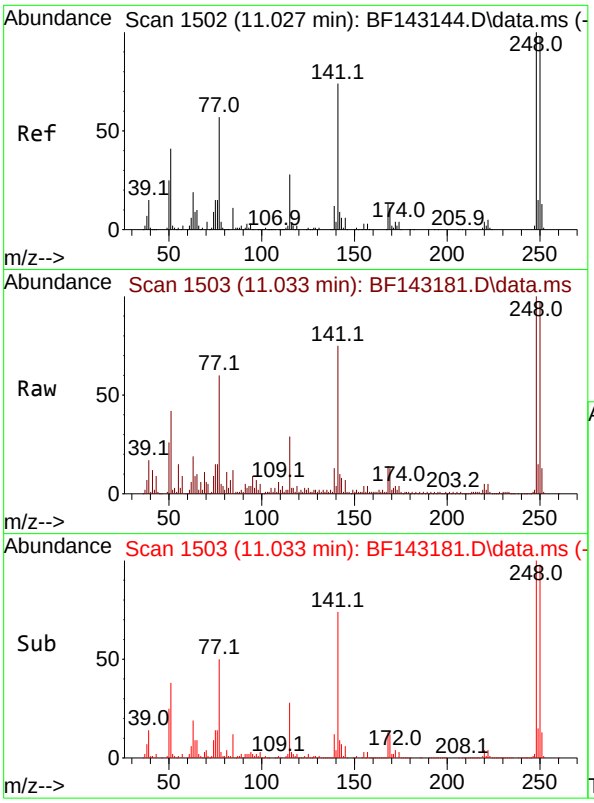


#66
n-Nitrosodiphenylamine
Concen: 45.125 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:169 Resp: 658874

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.1	78.1
167	35.6	28.2	42.2



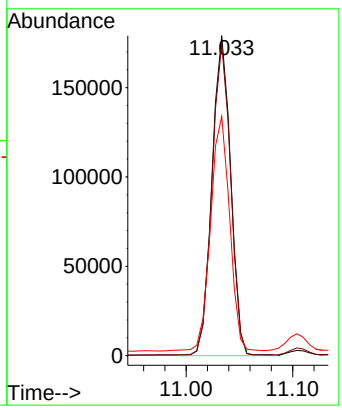


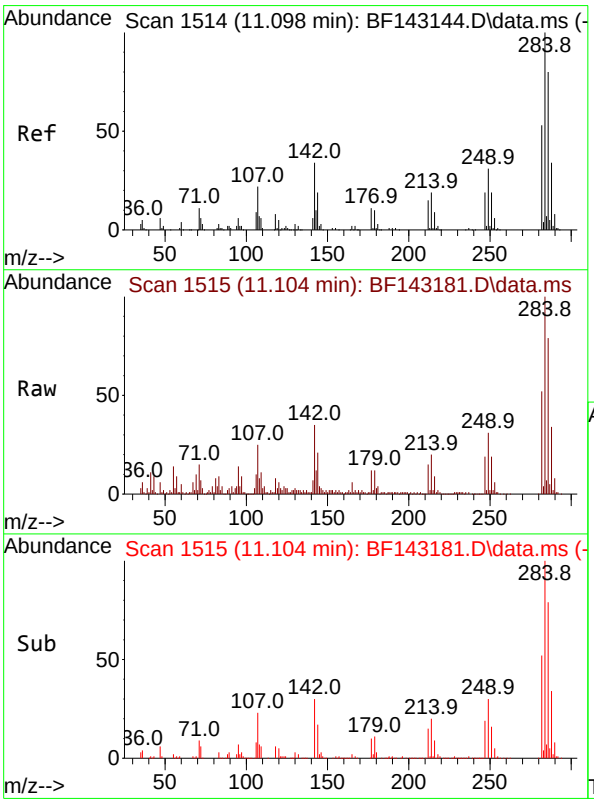
#67
4-Bromophenyl-phenylether
Concen: 44.351 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:248 Resp: 219163

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.3	117.5
141	74.7	59.2	88.8

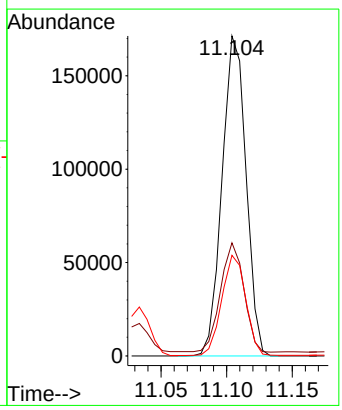


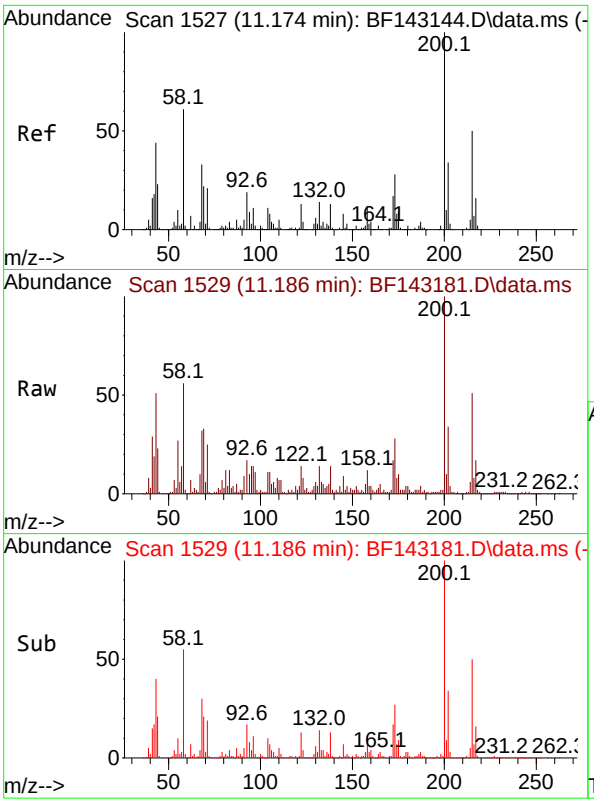


#68
Hexachlorobenzene
Concen: 42.143 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:284 Resp: 217668

Ion	Ratio	Lower	Upper
284	100		
142	35.4	27.0	40.6
249	31.5	25.0	37.6



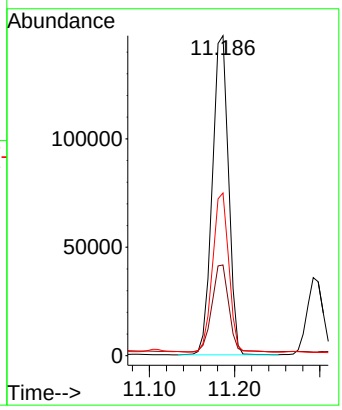


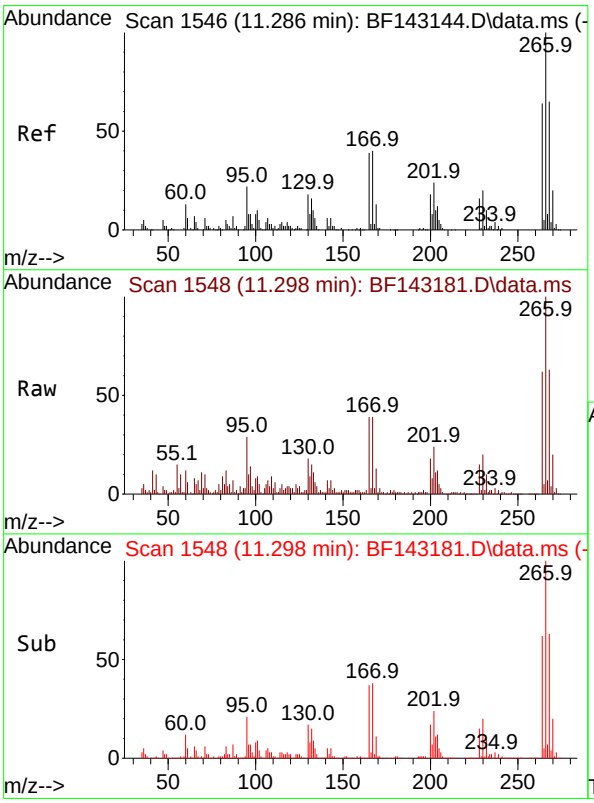
#69
Atrazine
Concen: 48.470 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:200 Resp: 195110

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	50.8	30.1	70.1

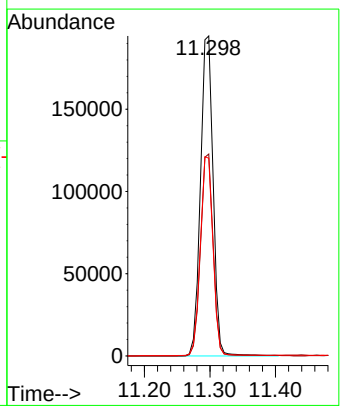


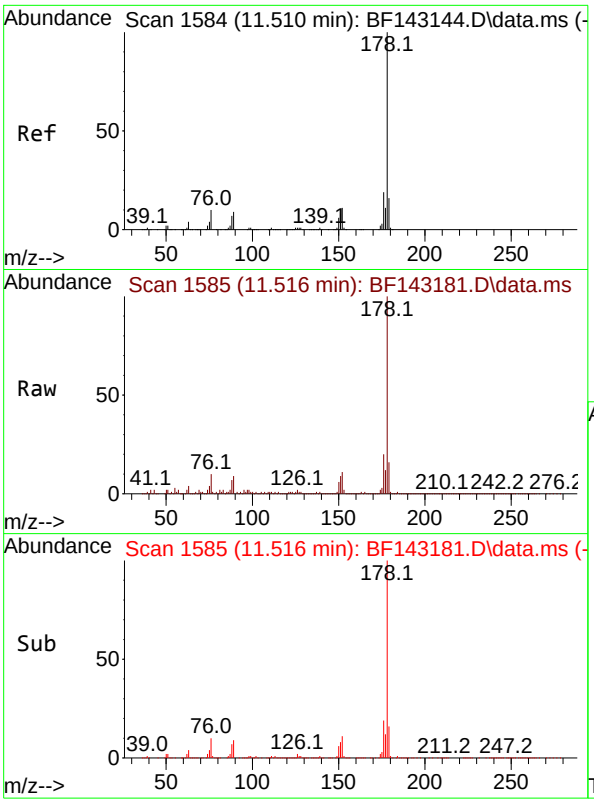


#70
Pentachlorophenol
Concen: 86.042 ng
RT: 11.298 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:266 Resp: 261343

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	61.8	51.0	76.6



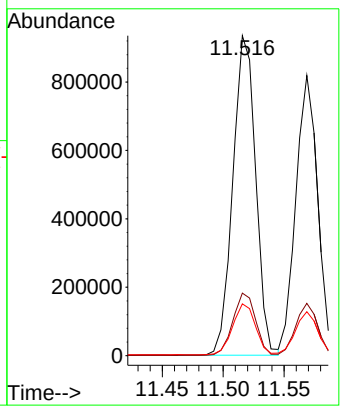


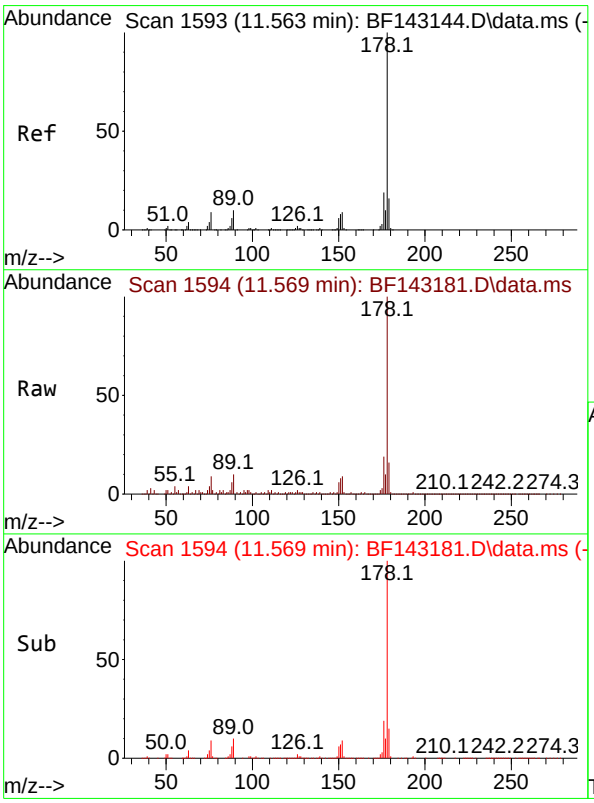
#71
Phenanthrene
Concen: 55.224 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:178 Resp: 1215848

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	16.2	12.5	18.7

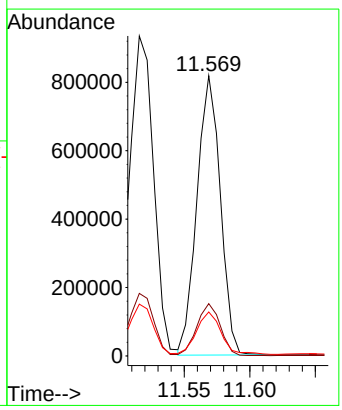


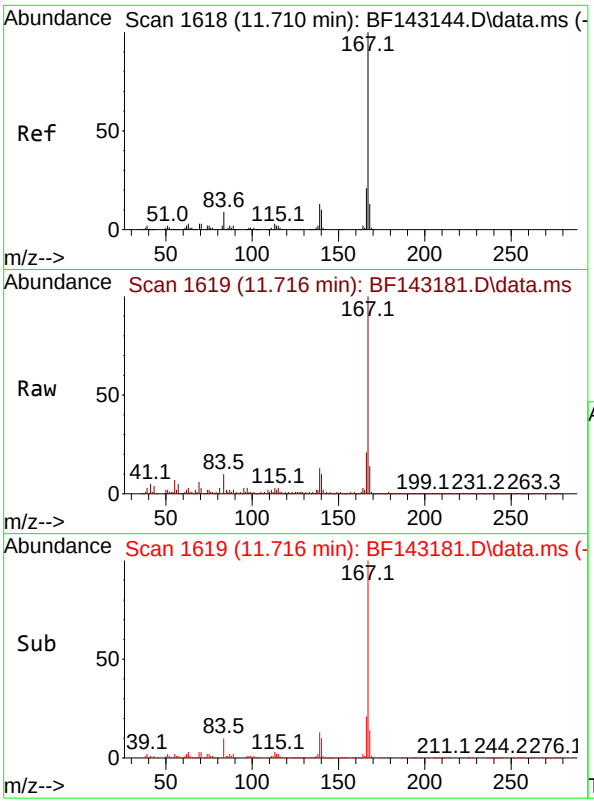


#72
Anthracene
Concen: 45.259 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:178 Resp: 1016264

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.5	18.7



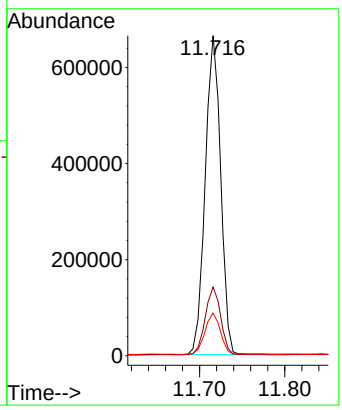


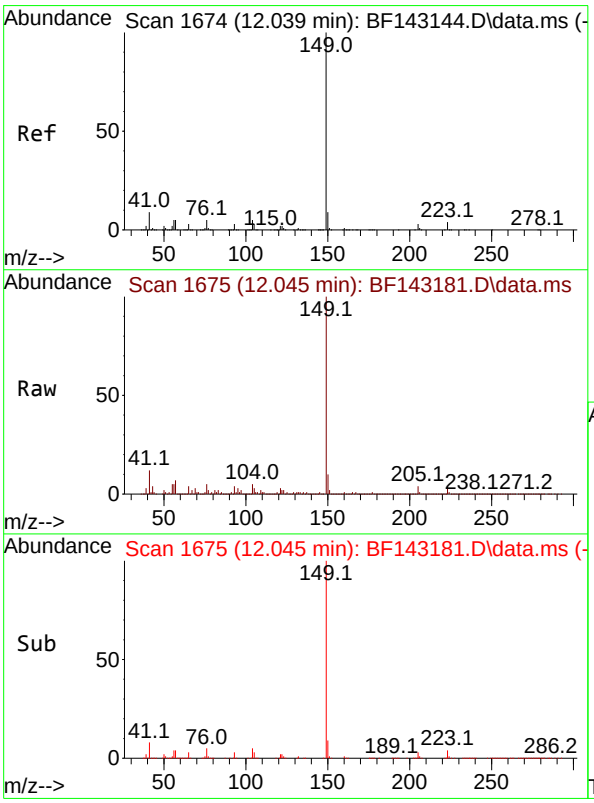
#73
Carbazole
Concen: 42.692 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:167 Resp: 837062

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.3	10.0	15.0

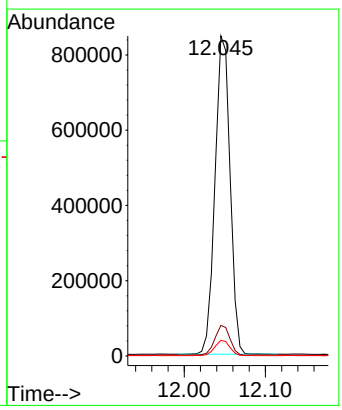


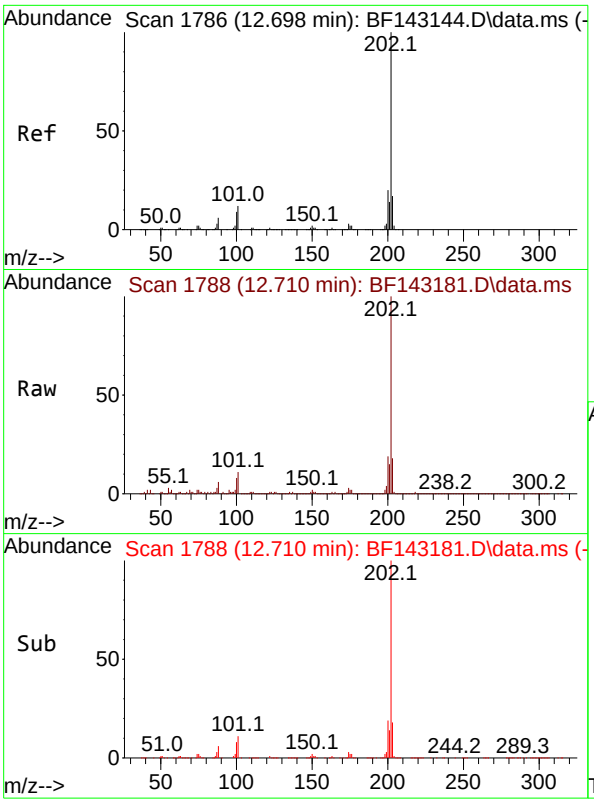


#74
Di-n-butylphthalate
Concen: 49.237 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 1092339

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.9	3.8	5.8



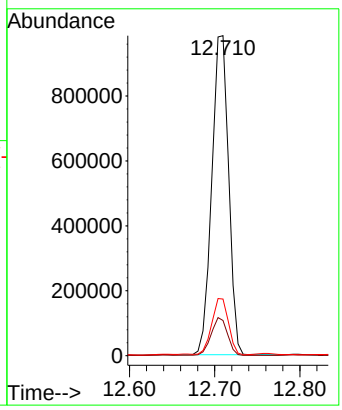


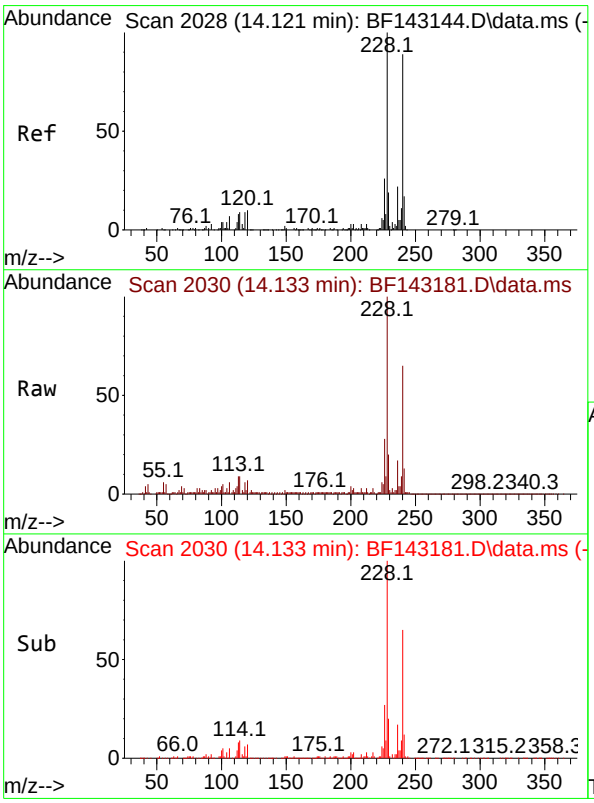
#75
Fluoranthene
Concen: 66.679 ng
RT: 12.710 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:202 Resp: 1347470

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.7
203	17.7	0.0	37.4

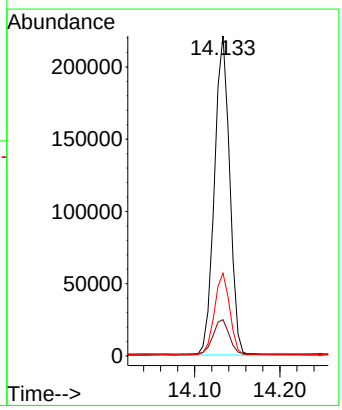


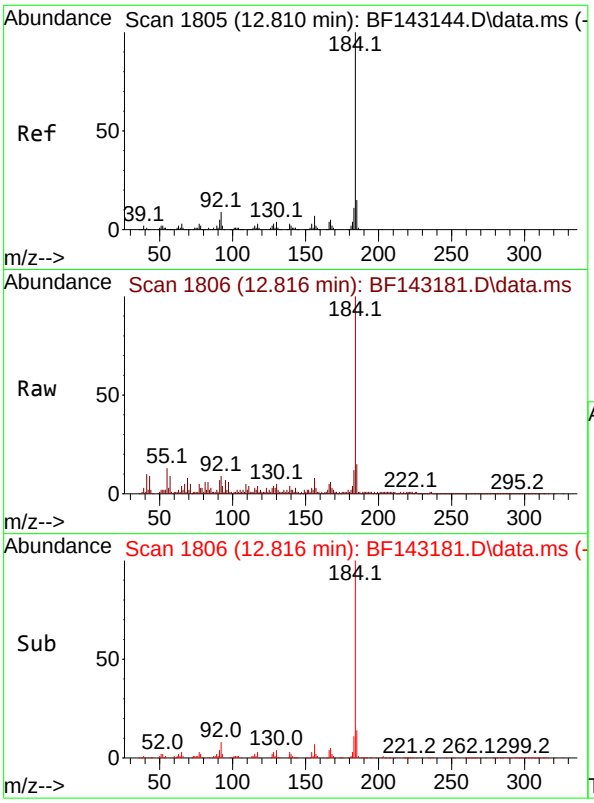


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:240 Resp: 276295

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	25.9	20.2	30.4



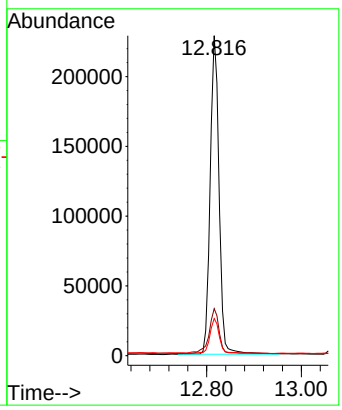


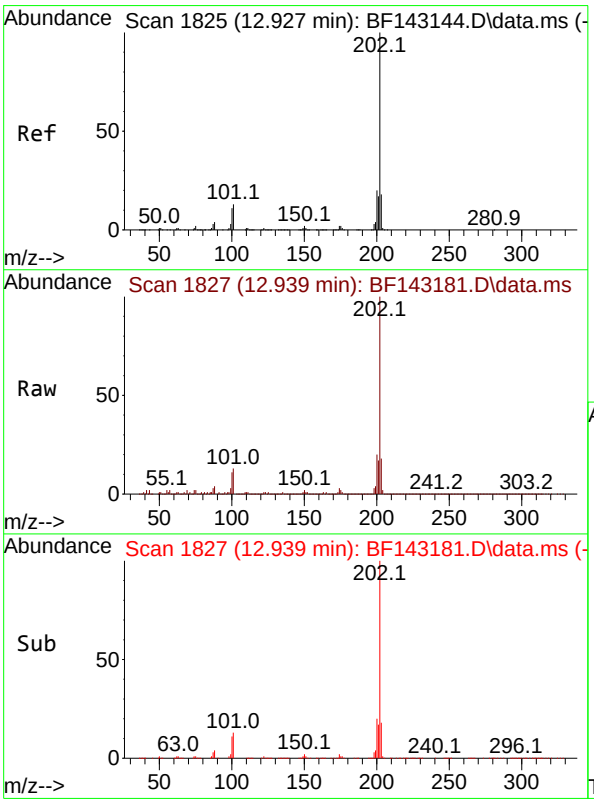
#77
Benzidine
Concen: 27.933 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:184 Resp: 297349

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.4
183	11.6	9.0	13.4

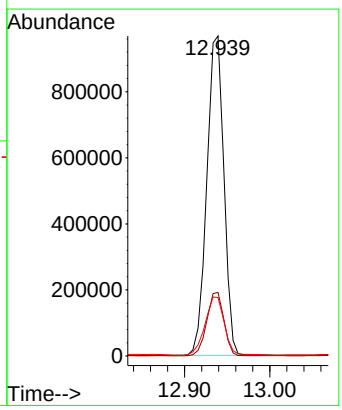


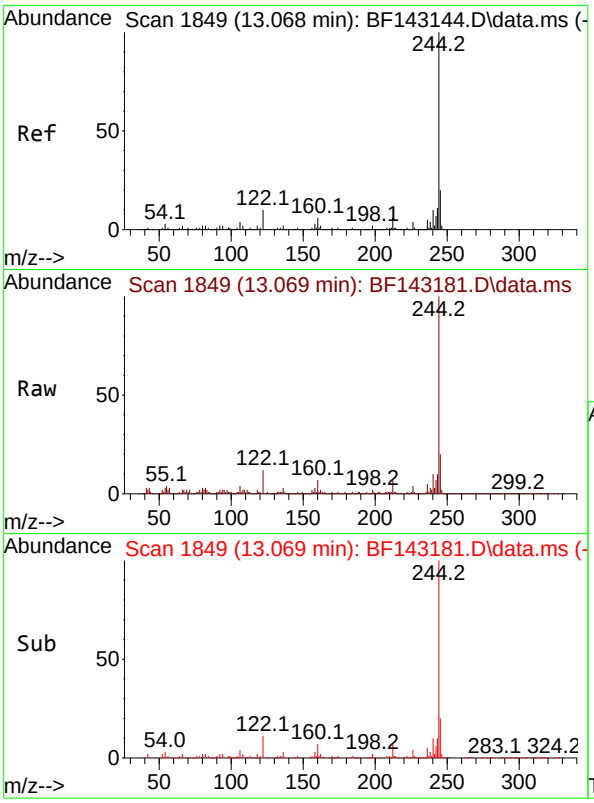


#78
Pyrene
Concen: 57.059 ng
RT: 12.939 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:202 Resp: 1345473

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	18.3	14.2	21.2



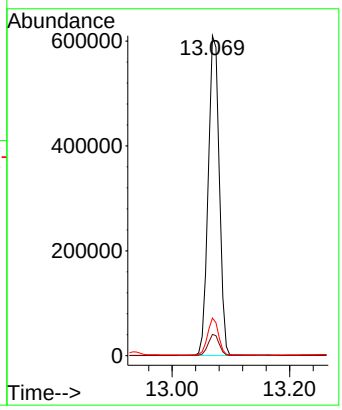


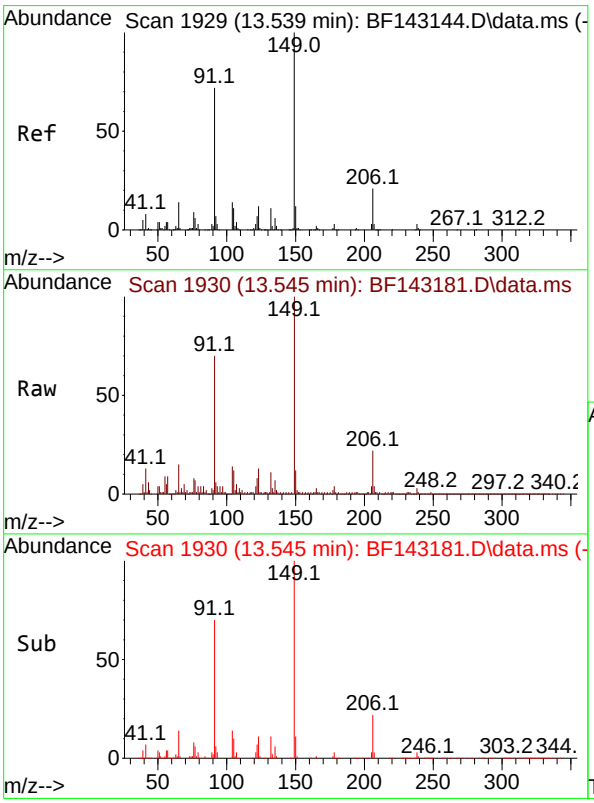
#79
Terphenyl-d14
Concen: 43.099 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:244 Resp: 800209

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.8	8.2	12.2

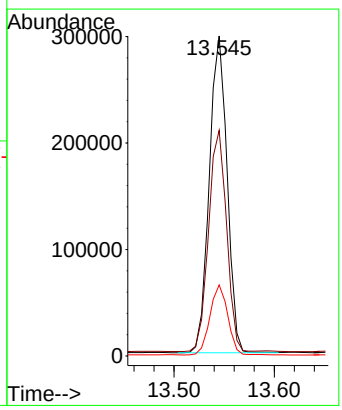


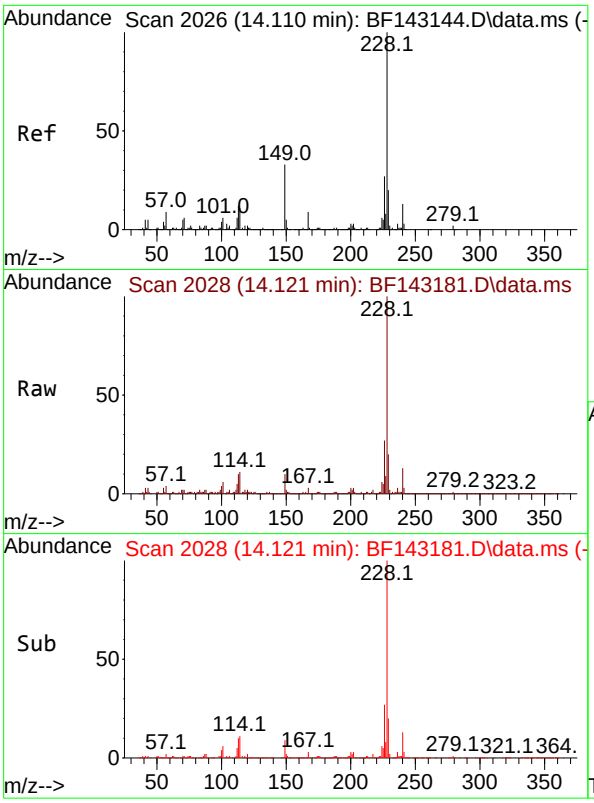


#80
Butylbenzylphthalate
Concen: 50.883 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 367405

Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.9	86.9
206	22.2	17.0	25.4



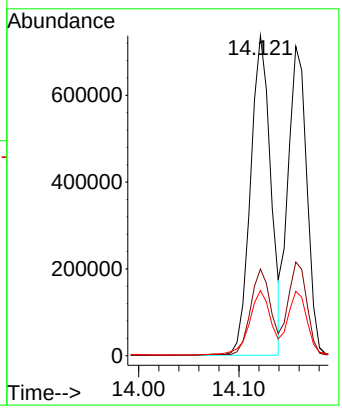


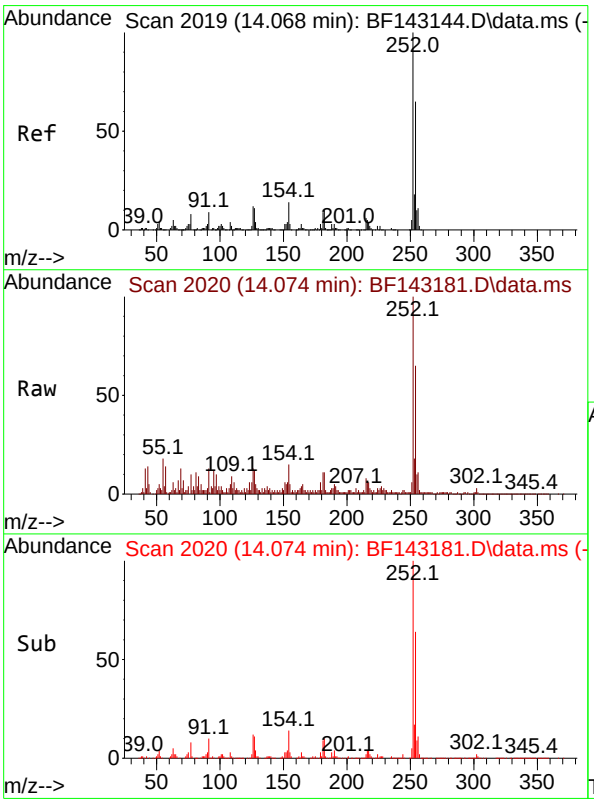
#81
Benzo(a)anthracene
Concen: 55.890 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:228 Resp: 1033853

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	20.3	15.8	23.6

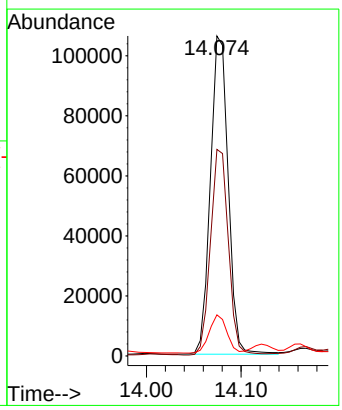


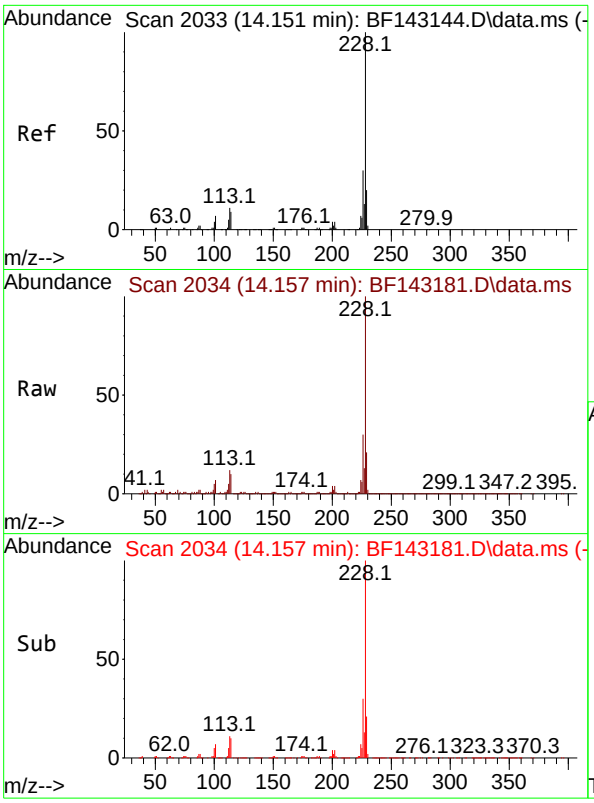


#82
3,3'-Dichlorobenzidine
Concen: 22.415 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 138194

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	12.9	9.4	14.0



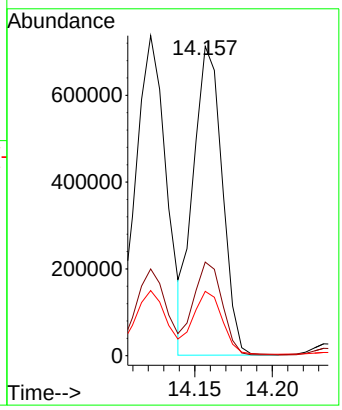


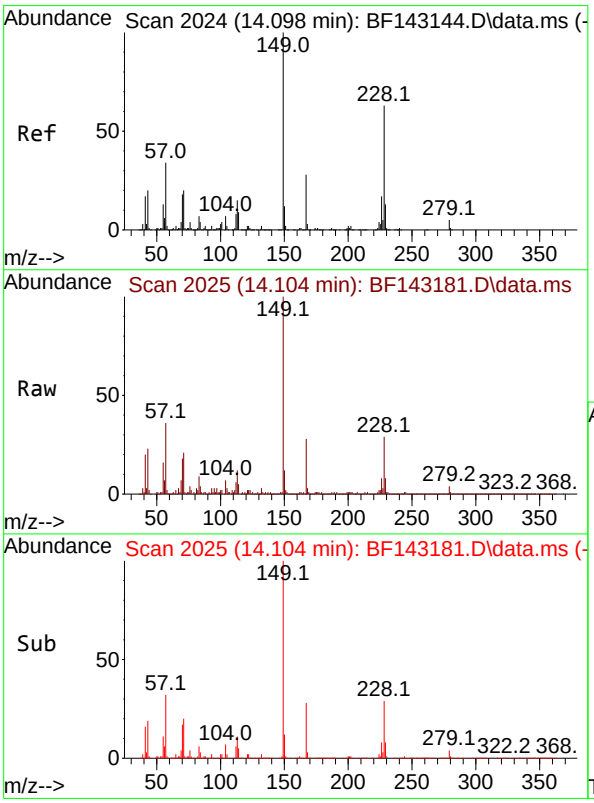
#83
Chrysene
Concen: 55.532 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:228 Resp: 923571

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	20.8	15.6	23.4

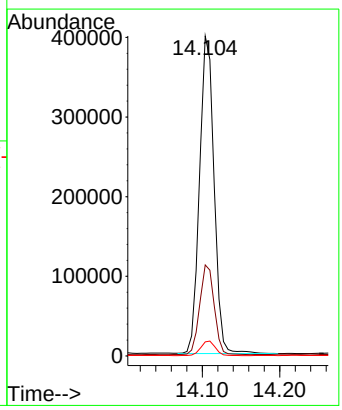


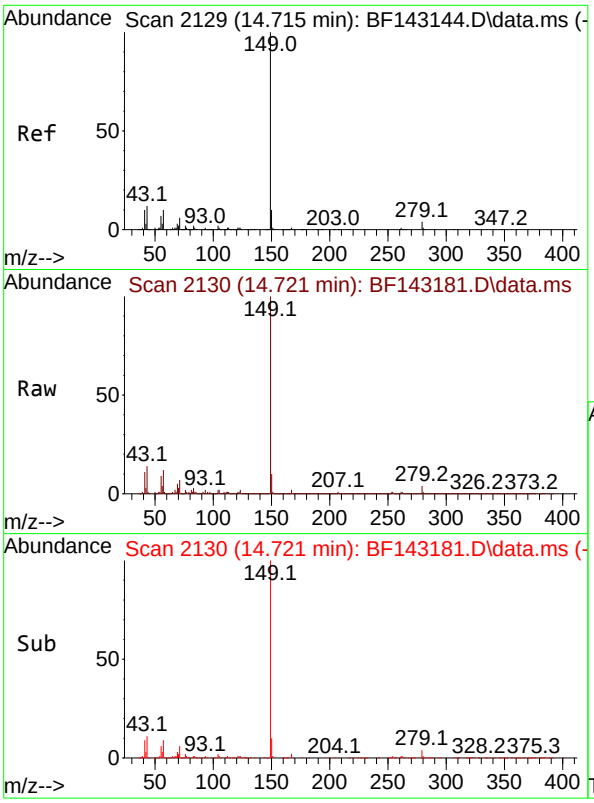


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.538 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 519551

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.3	33.5
279	4.4	3.6	5.4



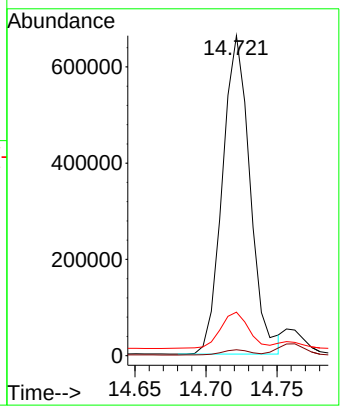


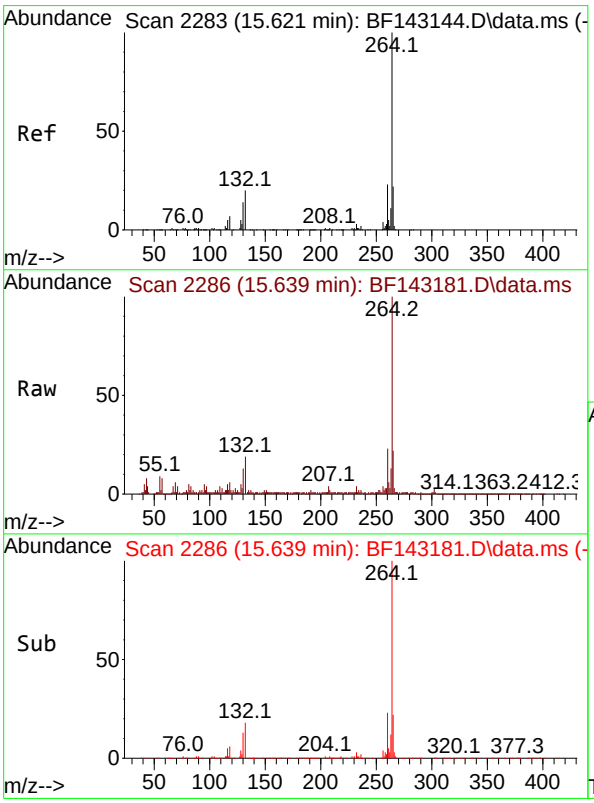
#85
Di-n-octyl phthalate
Concen: 45.094 ng
RT: 14.721 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:149 Resp: 893326

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	11.9	9.7	14.5

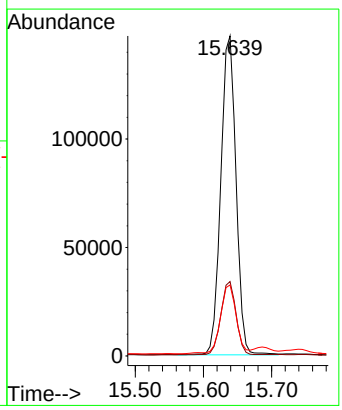


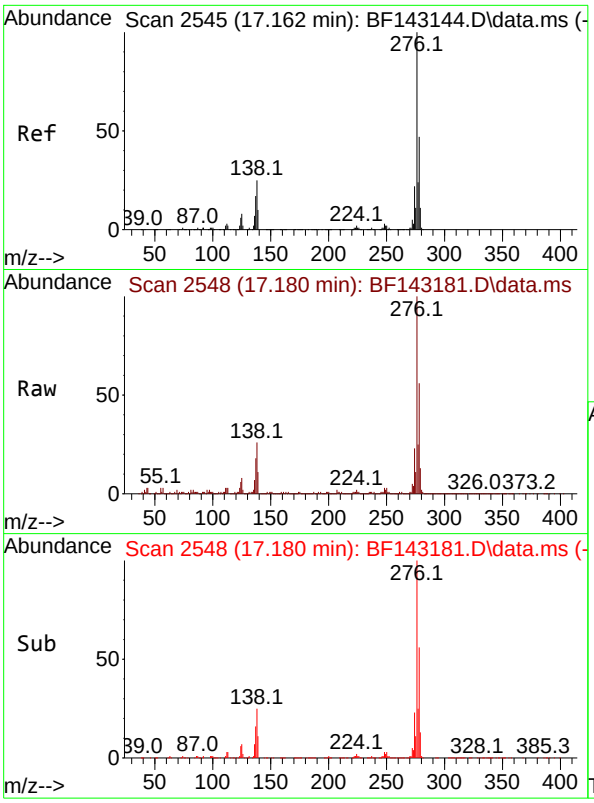


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:264 Resp: 228694

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.2	17.4	26.2



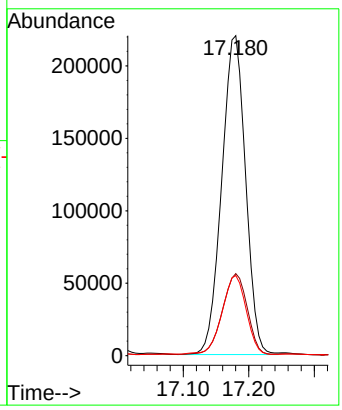


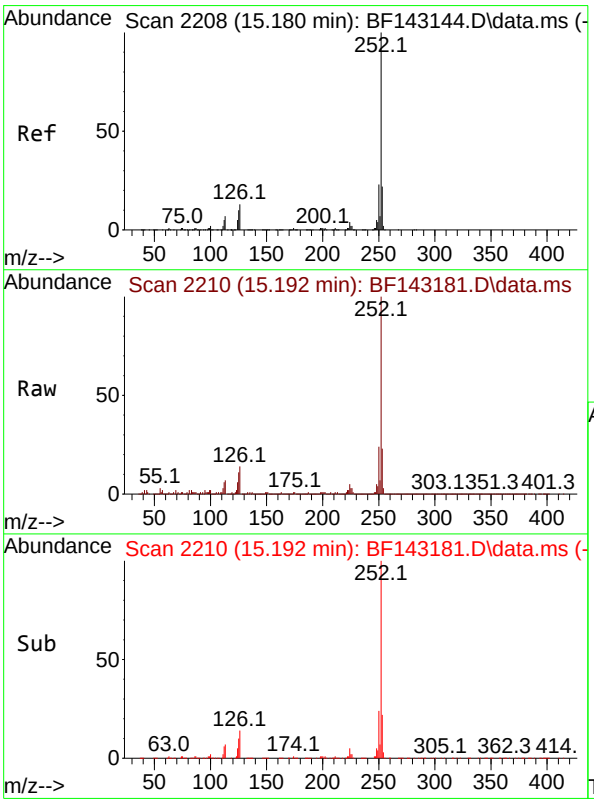
#87
Indeno(1,2,3-cd)pyrene
Concen: 34.423 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:276 Resp: 555106

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	25.1	20.0	30.0

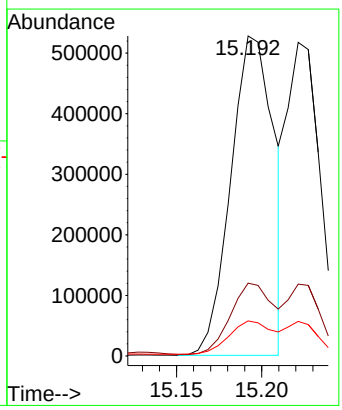


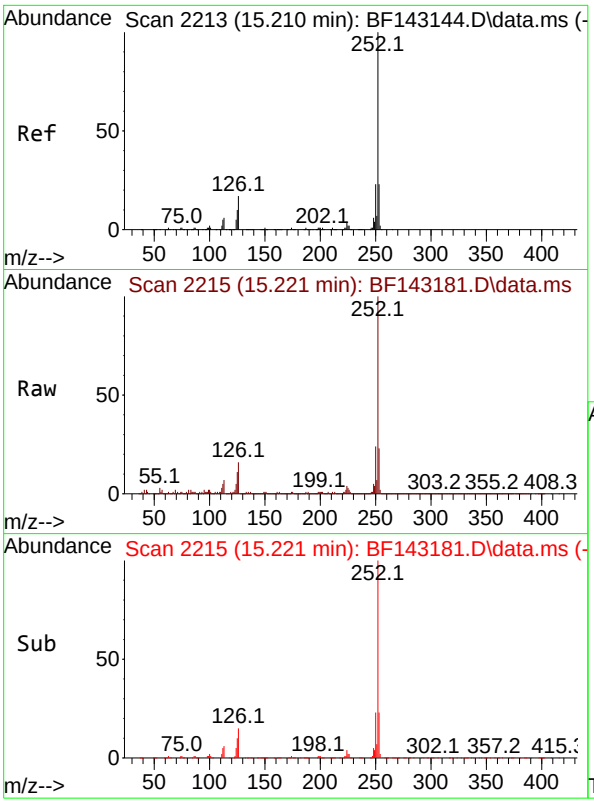


#88
Benzo(b)fluoranthene
Concen: 66.280 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 926002

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.9	8.0	12.0



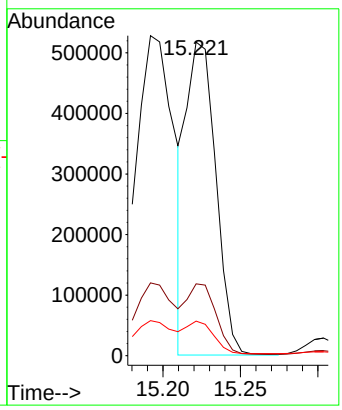


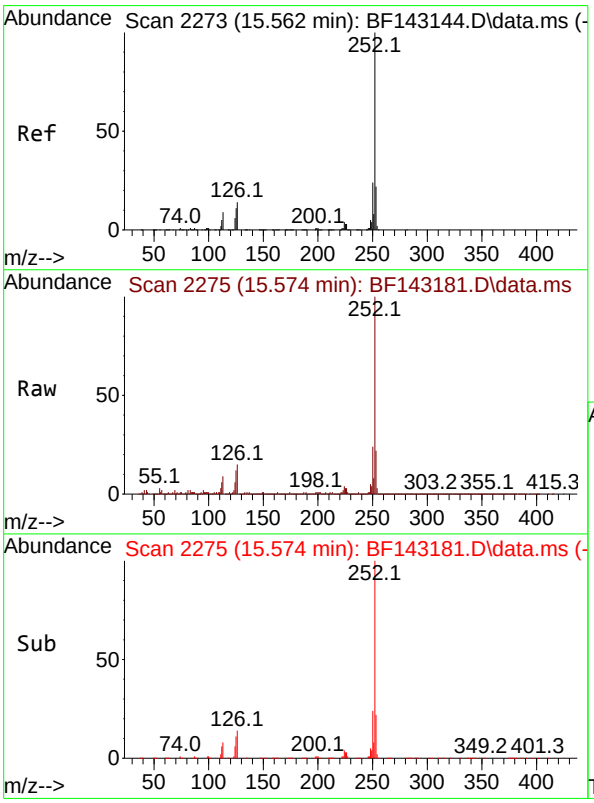
#89
Benzo(k)fluoranthene
Concen: 55.257 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:252 Resp: 688897

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.0	8.1	12.1

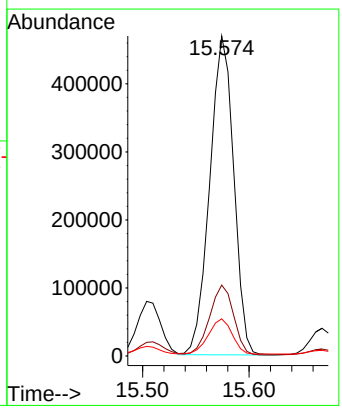


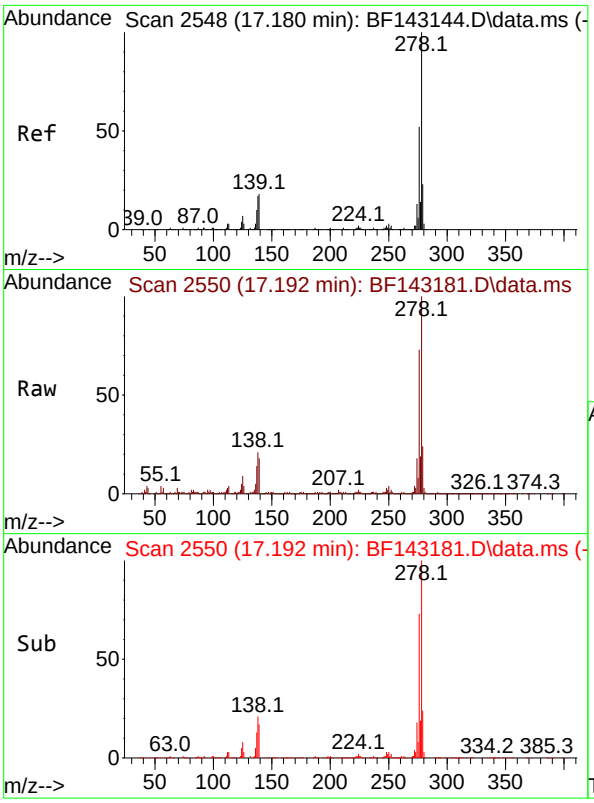


#90
Benzo(a)pyrene
Concen: 57.025 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 734037

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.6	8.6	13.0



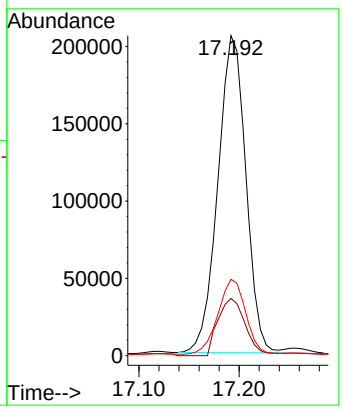


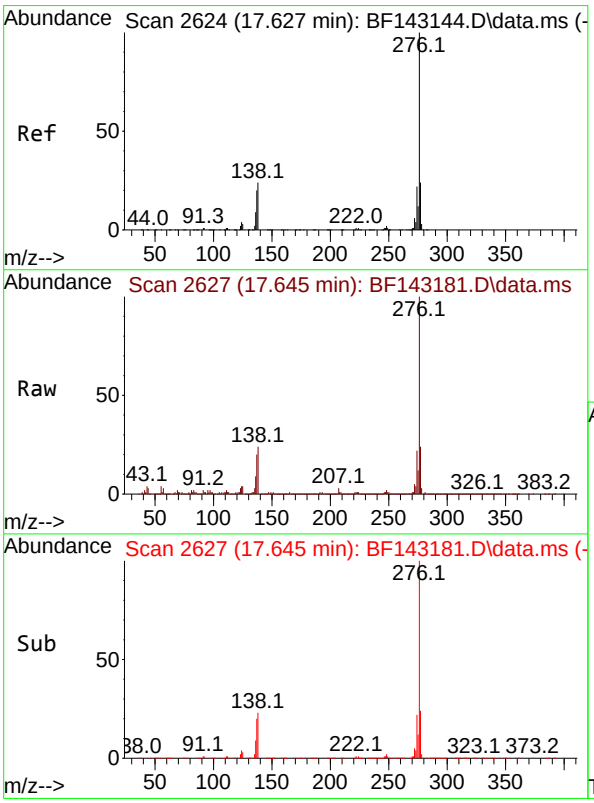
#91
Dibenzo(a,h)anthracene
Concen: 30.296 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:278 Resp: 397652

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.1	21.1
279	23.9	18.6	28.0

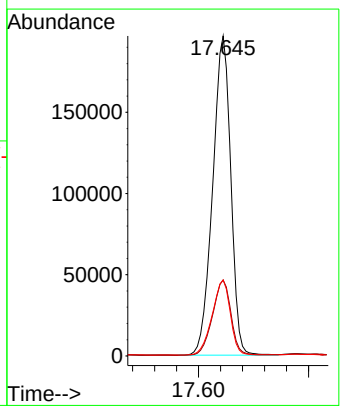




#92
Benzo(g,h,i)perylene
Concen: 35.394 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:276 Resp: 449394

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	23.8	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	127346	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	497233	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	269042	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	457175	20.000	ng		0.00
76) Chrysene-d12	14.127	240	257414	20.000	ng		0.00
86) Perylene-d12	15.627	264	259291	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	856356	106.415	ng		0.02
7) Phenol-d6	6.593	99	1087717	107.386	ng		0.00
23) Nitrobenzene-d5	7.522	82	776976	77.891	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	327822	117.949	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1397519	71.040	ng		0.00
79) Terphenyl-d14	13.069	244	1360738	78.664	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	127224	33.411	ng		99
3) Pyridine	3.658	79	353529	35.770	ng		98
4) n-Nitrosodimethylamine	3.599	42	208931	40.945	ng		97
6) Aniline	6.628	93	446346	31.618	ng		100
8) 2-Chlorophenol	6.751	128	355572	42.153	ng		97
9) Benzaldehyde	6.510	77	240055	31.606	ng		97
10) Phenol	6.610	94	456674	41.386	ng		89
11) bis(2-Chloroethyl)ether	6.693	93	344126	40.731	ng		100
12) 1,3-Dichlorobenzene	6.904	146	372518	40.653	ng		100
13) 1,4-Dichlorobenzene	6.981	146	377541	40.912	ng		99
14) 1,2-Dichlorobenzene	7.134	146	364259	41.502	ng		100
15) Benzyl Alcohol	7.098	79	331900	42.914	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	639401	40.797	ng		97
17) 2-Methylphenol	7.210	107	298687	42.113	ng		99
18) Hexachloroethane	7.481	117	136455	42.714	ng		99
19) n-Nitroso-di-n-propyla...	7.369	70	262936	40.461	ng		98
20) 3+4-Methylphenols	7.363	107	359582	41.787	ng	#	80
22) Acetophenone	7.369	105	482041	40.948	ng	#	96
24) Nitrobenzene	7.540	77	393984	42.364	ng		100
25) Isophorone	7.781	82	738787	41.954	ng		99
26) 2-Nitrophenol	7.857	139	193942	48.051	ng		100
27) 2,4-Dimethylphenol	7.893	122	342191	41.592	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	439929	41.668	ng		99
29) 2,4-Dichlorophenol	8.098	162	295824	42.636	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	318755	42.525	ng		99
31) Naphthalene	8.269	128	1019308	41.625	ng		100
32) Benzoic acid	8.010	122	231444	49.730	ng		99
33) 4-Chloroaniline	8.304	127	180929	18.095	ng		99
34) Hexachlorobutadiene	8.387	225	196852	42.990	ng		99
35) Caprolactam	8.675	113	65818	31.392	ng		97
36) 4-Chloro-3-methylphenol	8.793	107	335805	44.529	ng		98
37) 2-Methylnaphthalene	8.957	142	637504	42.782	ng		100
38) 1-Methylnaphthalene	9.057	142	659370	42.971	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	310898	40.025	ng		99
41) Hexachlorocyclopentadiene	9.116	237	434132	85.897	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	222483	41.386	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	236559	43.991	ng		99
46) 1,1'-Biphenyl	9.422	154	870859	41.488	ng		100
47) 2-Chloronaphthalene	9.445	162	644057	41.468	ng		99
48) 2-Nitroaniline	9.534	65	222155	45.611	ng		99
49) Acenaphthylene	9.863	152	1097730	42.174	ng		99
50) Dimethylphthalate	9.716	163	772585	44.055	ng		100
51) 2,6-Dinitrotoluene	9.775	165	170575	47.813	ng		99
52) Acenaphthene	10.039	154	703577	45.734	ng		97
53) 3-Nitroaniline	9.945	138	126346	30.278	ng		99
54) 2,4-Dinitrophenol	10.051	184	175905	106.394	ng	#	1
55) Dibenzofuran	10.210	168	946920	41.458	ng		100
56) 4-Nitrophenol	10.104	139	288611	92.622	ng		99
57) 2,4-Dinitrotoluene	10.181	165	230038	51.396	ng		96
58) Fluorene	10.551	166	731345	42.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	183839	41.271	ng		99
60) Diethylphthalate	10.422	149	770778	44.467	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	370456	43.401	ng		100
62) 4-Nitroaniline	10.563	138	172252	48.165	ng		97
63) Azobenzene	10.698	77	767093	42.462	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	117398	48.873	ng		97
66) n-Nitrosodiphenylamine	10.657	169	663950	41.243	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	229335	42.093	ng		98
68) Hexachlorobenzene	11.104	284	237782	41.755	ng		97
69) Atrazine	11.181	200	212724	47.930	ng		100
70) Pentachlorophenol	11.292	266	199919	59.697	ng		99
71) Phenanthrene	11.516	178	1013473	41.750	ng		99
72) Anthracene	11.563	178	1042962	42.127	ng		100
73) Carbazole	11.716	167	936735	43.331	ng		100
74) Di-n-butylphthalate	12.039	149	1158302	47.353	ng		100
75) Fluoranthene	12.698	202	1021601	45.851	ng		99
77) Benzidine	12.810	184	439225	44.288	ng		99
78) Pyrene	12.928	202	997507	45.405	ng		100
80) Butylbenzylphthalate	13.539	149	388473	57.747	ng		98
81) Benzo(a)anthracene	14.116	228	768789	44.609	ng		99
82) 3,3'-Dichlorobenzidine	14.069	252	130418	22.706	ng		99
83) Chrysene	14.151	228	667015	43.047	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	509639	50.052	ng		100
85) Di-n-octyl phthalate	14.710	149	801994	43.453	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	801110	43.816	ng		98
88) Benzo(b)fluoranthene	15.180	252	699919	44.186	ng		100
89) Benzo(k)fluoranthene	15.216	252	629517	44.536	ng		99
90) Benzo(a)pyrene	15.563	252	650257	44.555	ng		100
91) Dibenzo(a,h)anthracene	17.186	278	650784	43.731	ng		99
92) Benzo(g,h,i)perylene	17.639	276	645025	44.808	ng		98

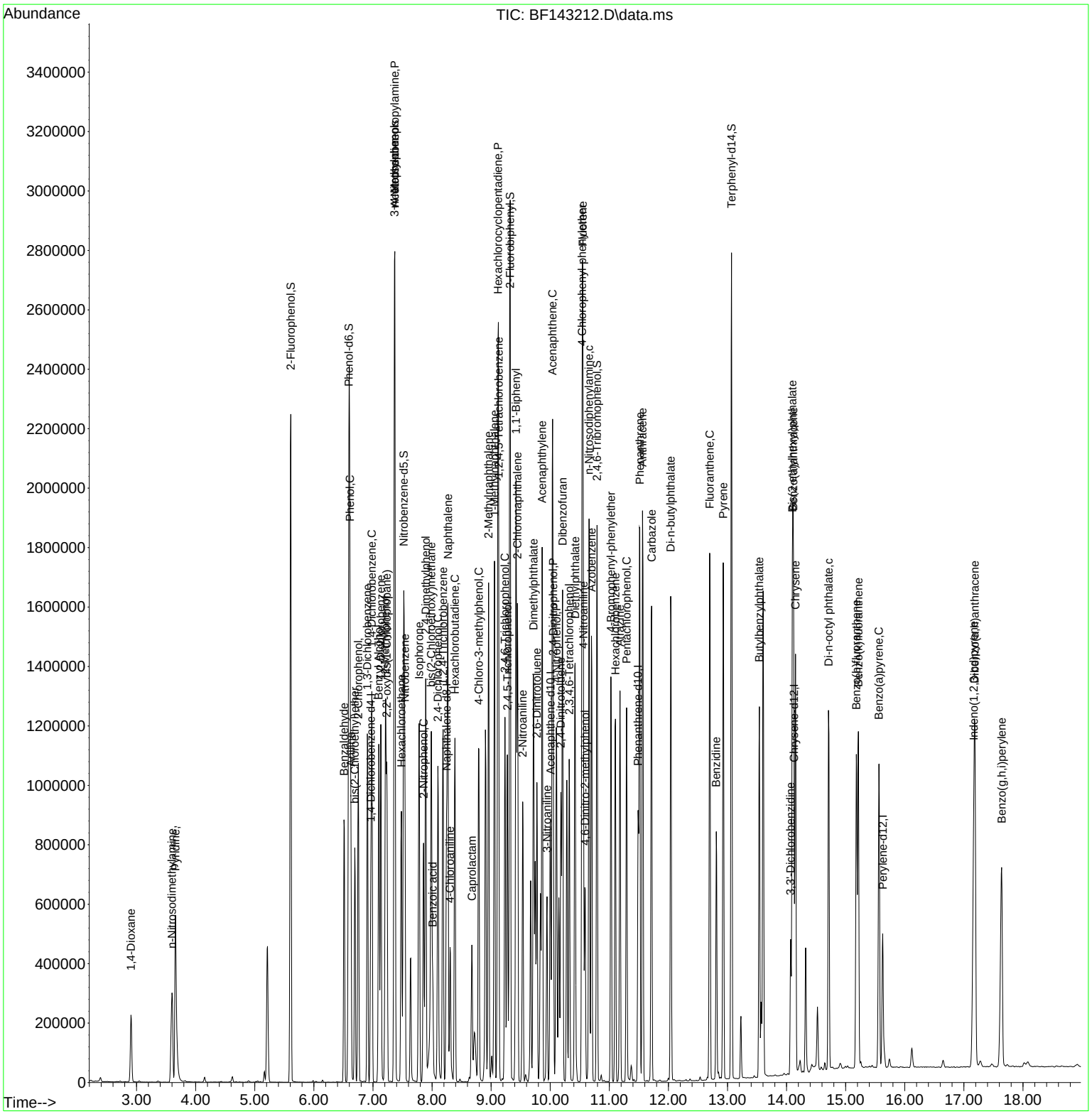
(#) = qualifier out of range (m) = manual integration (+) = signals summed

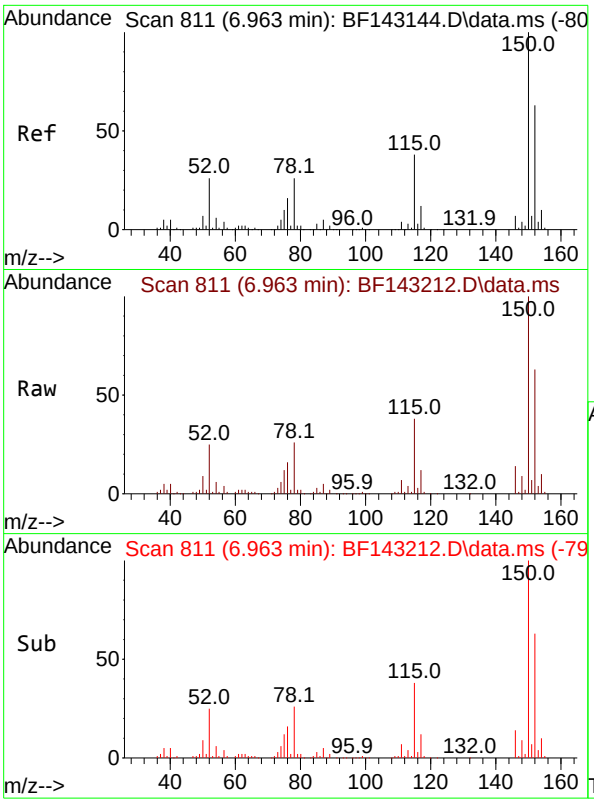
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



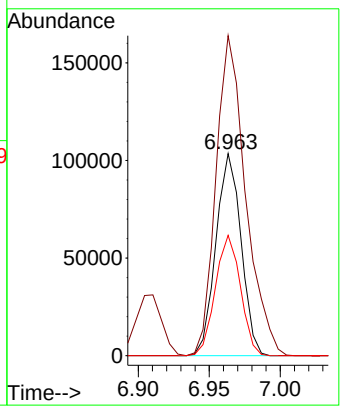


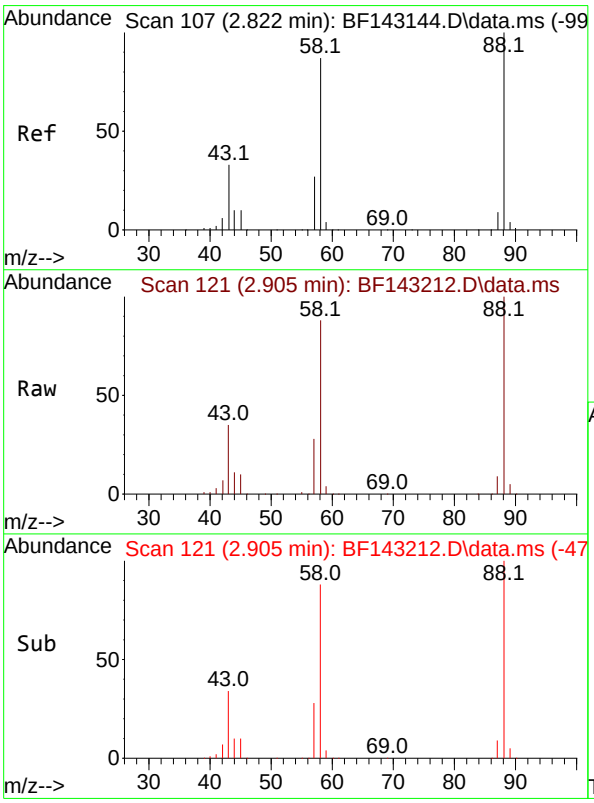
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:152 Resp: 127346

Ion	Ratio	Lower	Upper
152	100		
150	158.4	128.2	192.4
115	59.6	47.9	71.9

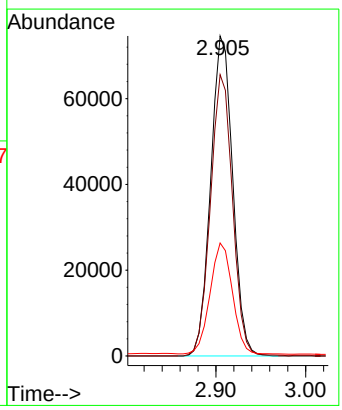


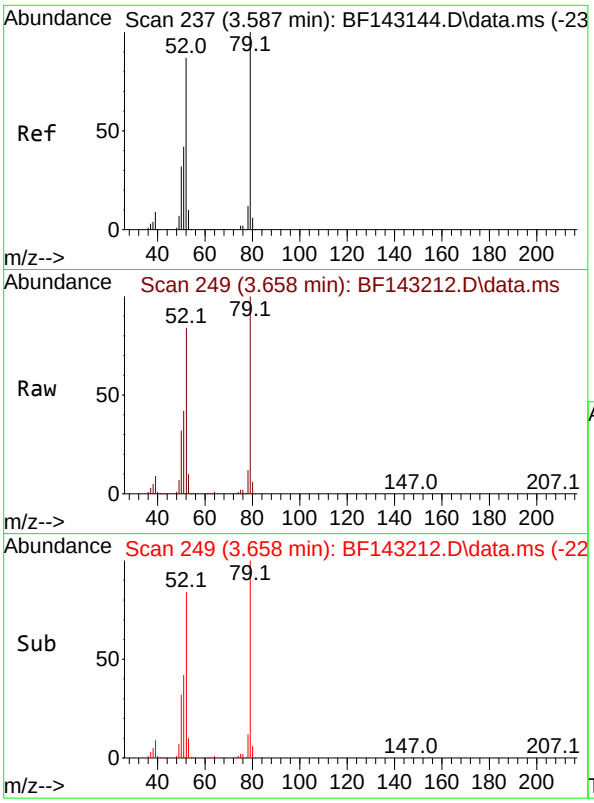


#2
1,4-Dioxane
Concen: 33.411 ng
RT: 2.905 min Scan# 121
Delta R.T. 0.083 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 88 Resp: 127224

Ion	Ratio	Lower	Upper
88	100		
58	88.3	70.2	105.2
43	35.3	27.1	40.7



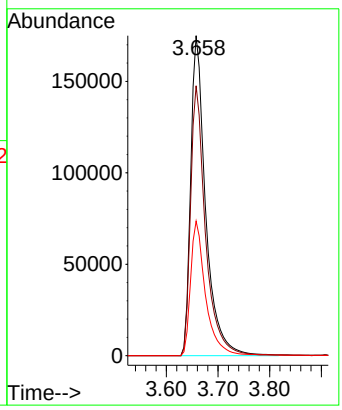


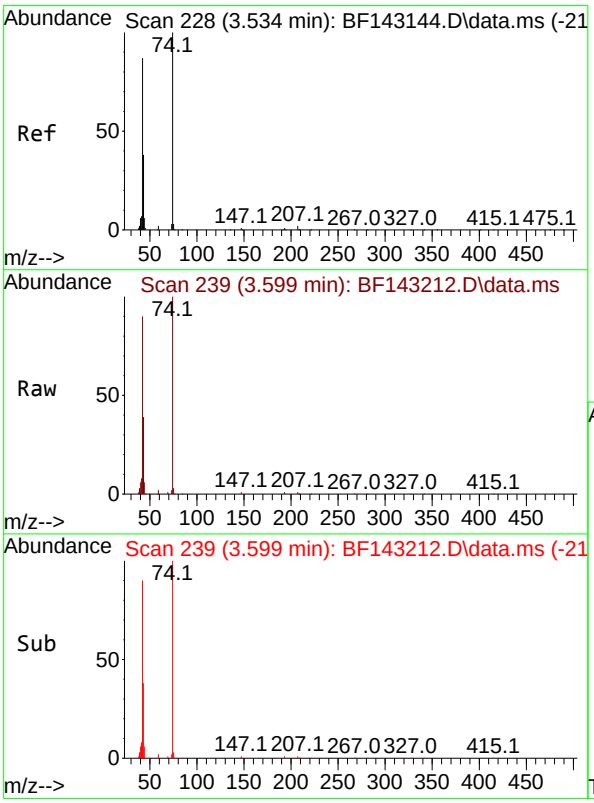
#3
Pyridine
Concen: 35.770 ng
RT: 3.658 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 79 Resp: 353529

Ion	Ratio	Lower	Upper
79	100		
52	84.3	69.4	104.2
51	42.1	33.5	50.3

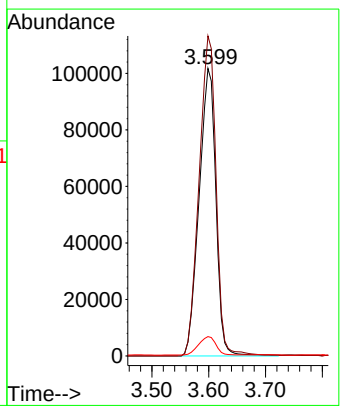


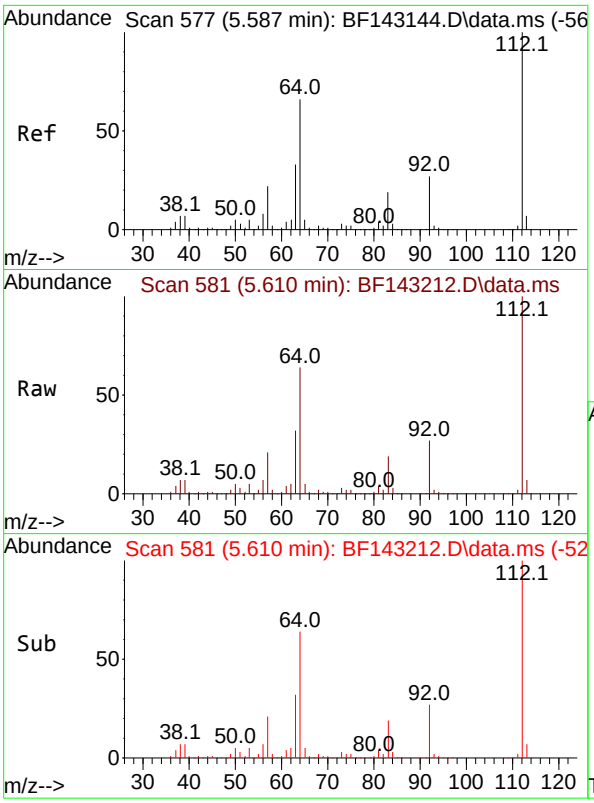


#4
n-Nitrosodimethylamine
Concen: 40.945 ng
RT: 3.599 min Scan# 239
Delta R.T. 0.065 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 42 Resp: 208931

Ion	Ratio	Lower	Upper
42	100		
74	111.3	91.7	137.5
44	6.7	5.6	8.4



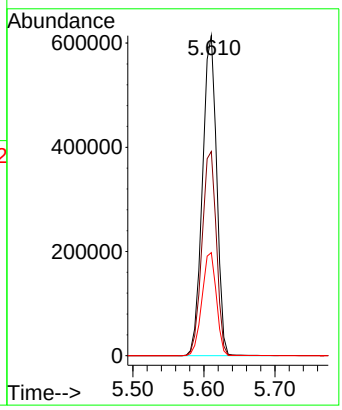


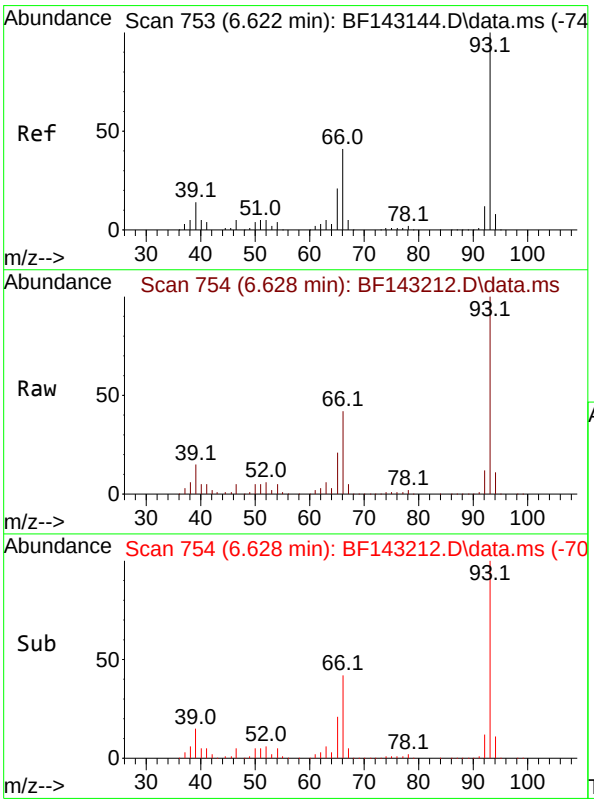
#5
2-Fluorophenol
Concen: 106.415 ng
RT: 5.610 min Scan# 5
Delta R.T. 0.024 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:112 Resp: 856356

Ion	Ratio	Lower	Upper
112	100		
64	63.8	53.1	79.7
63	32.2	26.6	40.0

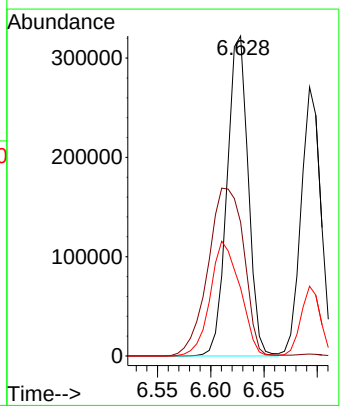


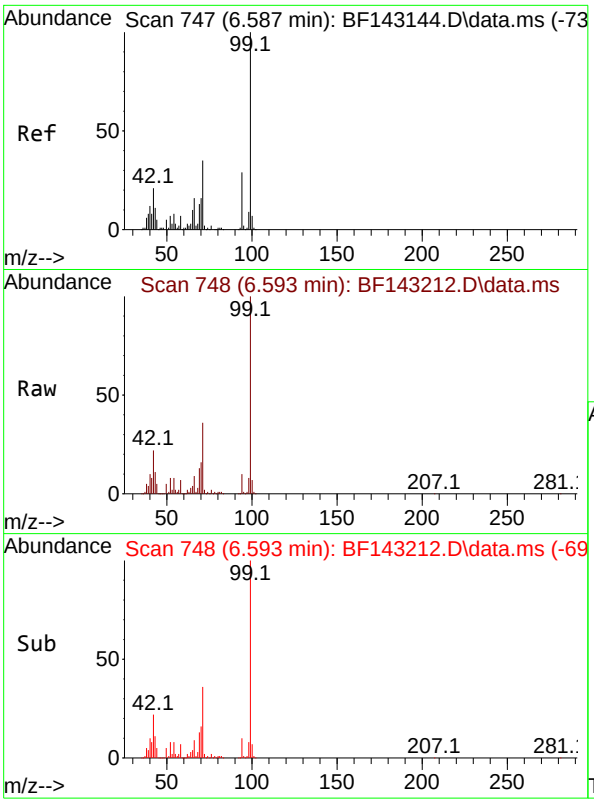


#6
Aniline
Concen: 31.618 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 446346

Ion	Ratio	Lower	Upper
93	100		
66	41.8	33.2	49.8
65	21.2	16.9	25.3



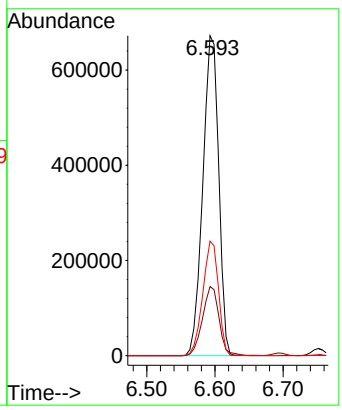


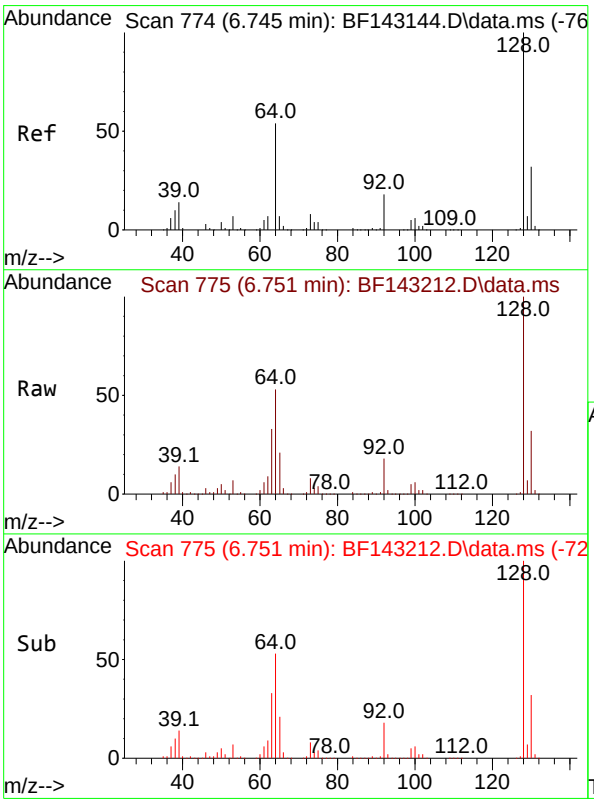
#7
Phenol-d6
Concen: 107.386 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 99 Resp: 1087717

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	35.8	27.7	41.5

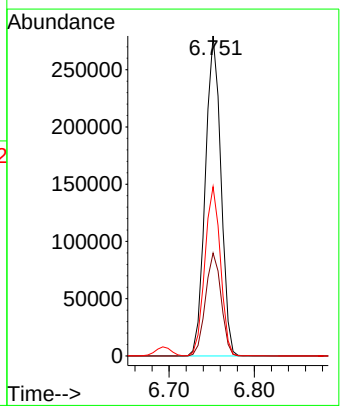


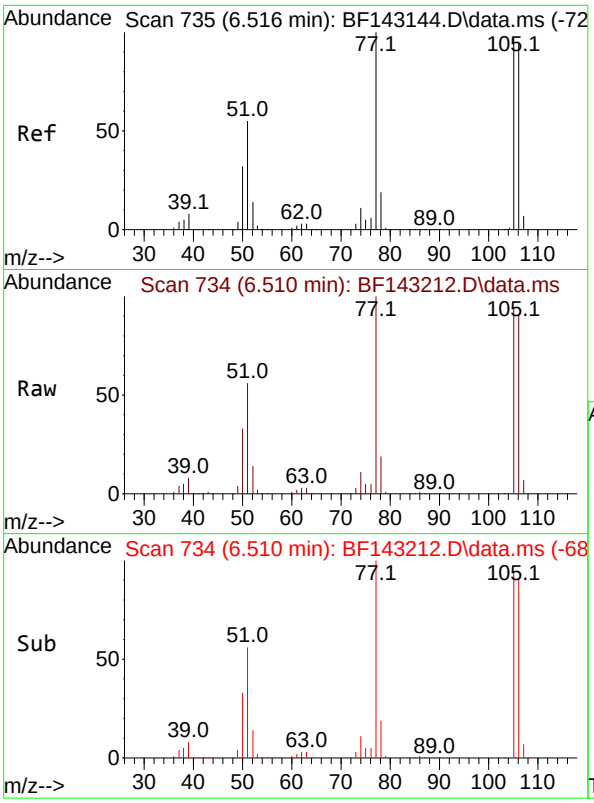


#8
2-Chlorophenol
Concen: 42.153 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:128 Resp: 355572

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	52.9	35.9	75.9



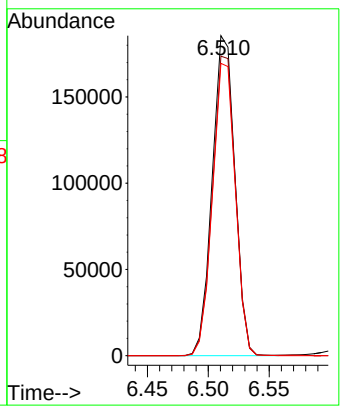


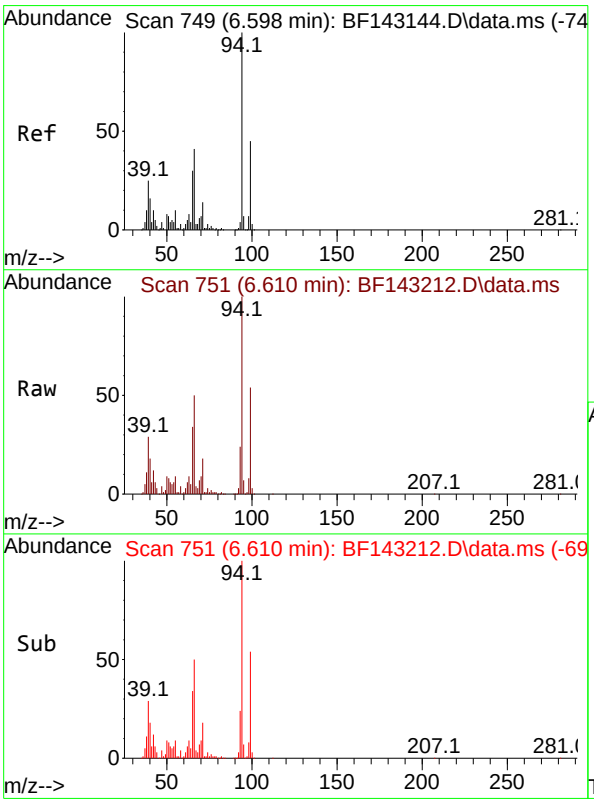
#9
Benzaldehyde
Concen: 31.606 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 77 Resp: 240055

Ion	Ratio	Lower	Upper
77	100		
105	93.6	76.8	116.8
106	91.3	74.4	114.4

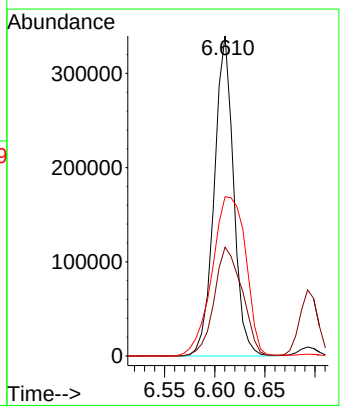


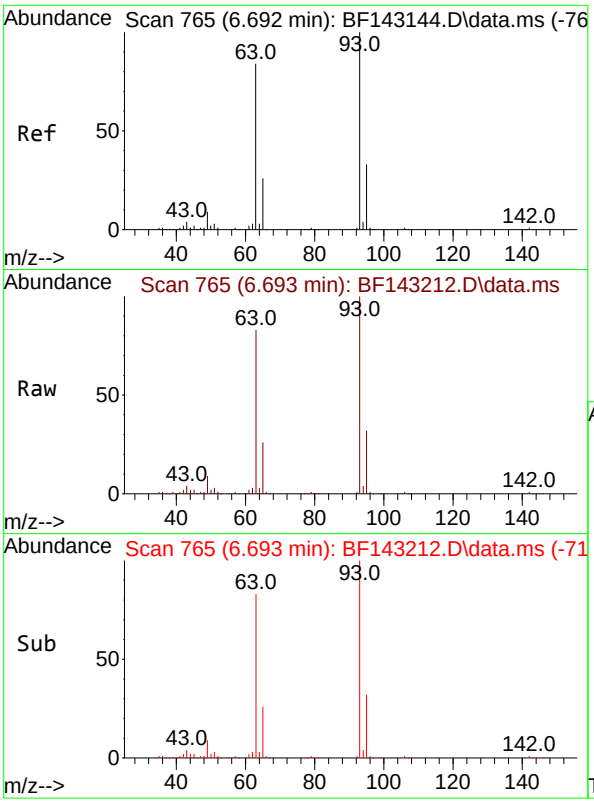


#10
Phenol
Concen: 41.386 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 94 Resp: 456674

Ion	Ratio	Lower	Upper
94	100		
65	34.0	10.0	50.0
66	49.7	20.8	60.8



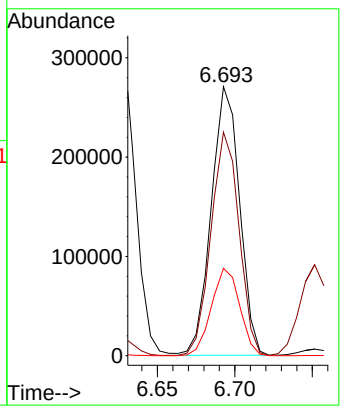


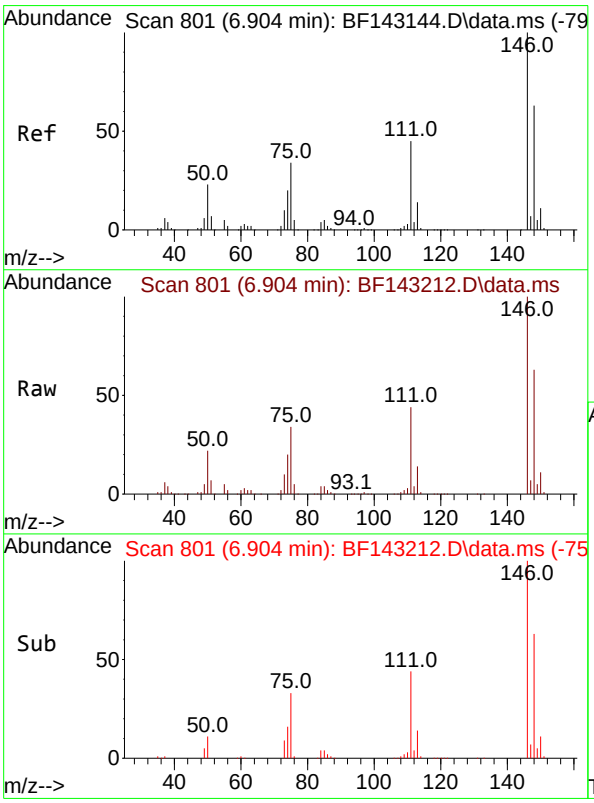
#11
bis(2-Chloroethyl)ether
Concen: 40.731 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 93 Resp: 344126

Ion	Ratio	Lower	Upper
93	100		
63	83.1	63.4	103.4
95	32.5	12.4	52.4

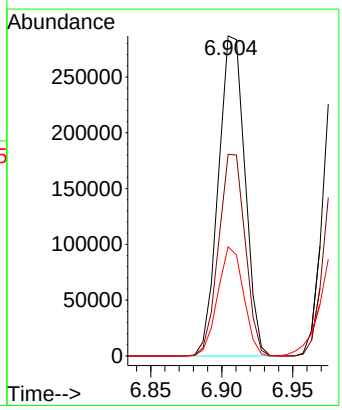


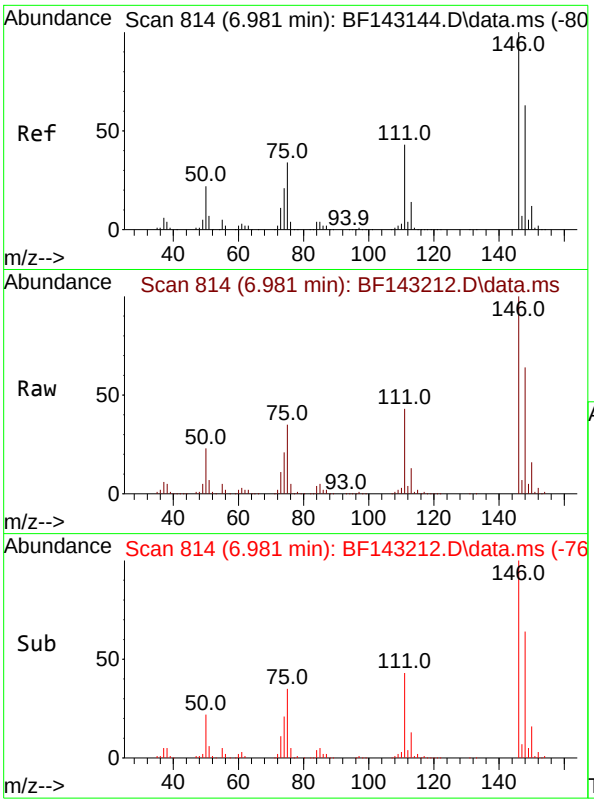


#12
1,3-Dichlorobenzene
Concen: 40.653 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 372518

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
75	34.1	27.4	41.2



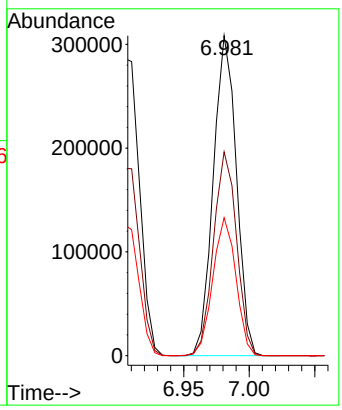


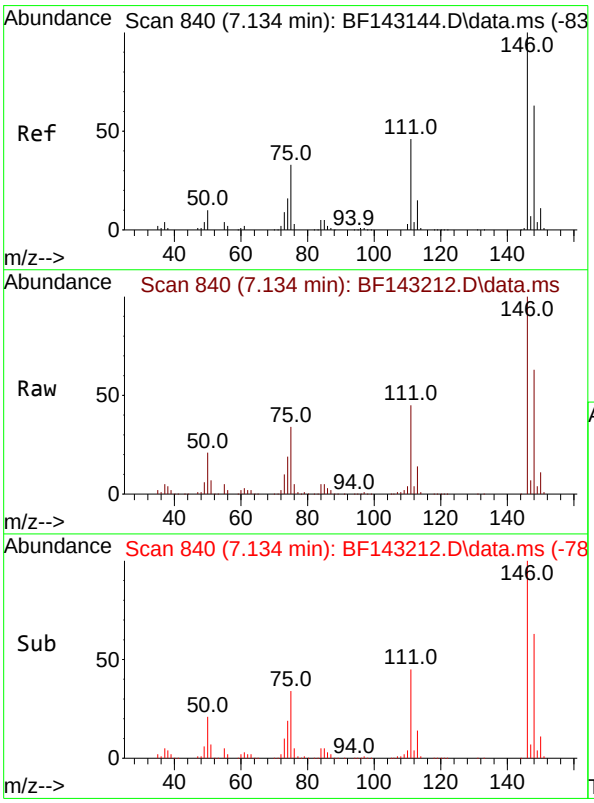
#13
1,4-Dichlorobenzene
Concen: 40.912 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:146 Resp: 377541

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	43.1	34.4	51.6

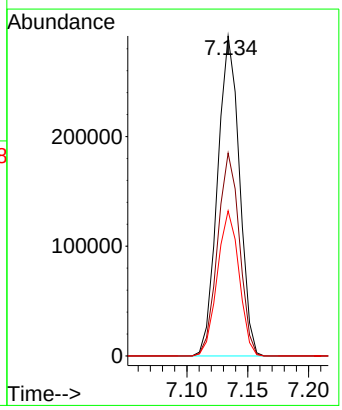


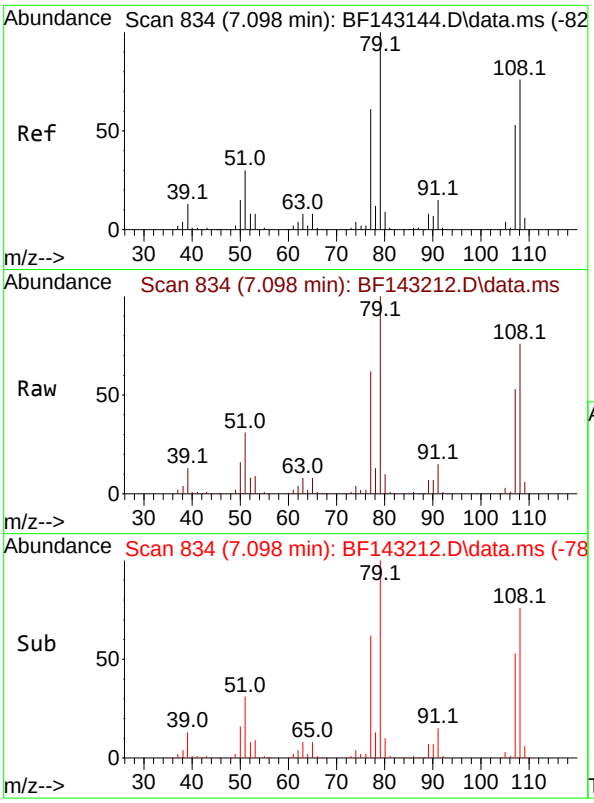


#14
1,2-Dichlorobenzene
Concen: 41.502 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 364259

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	45.4	36.6	54.8



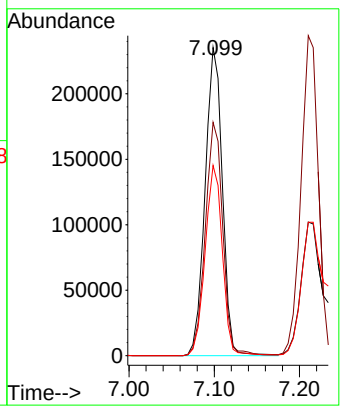


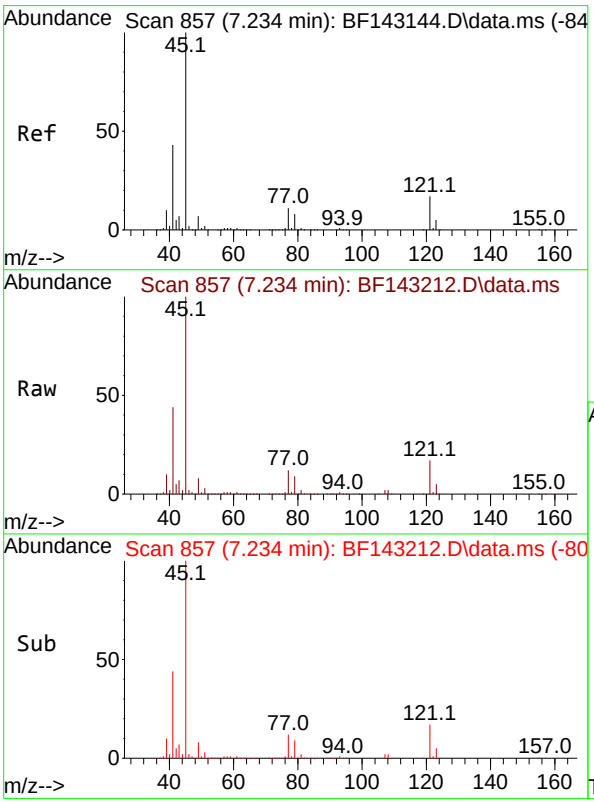
#15
Benzyl Alcohol
Concen: 42.914 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 79 Resp: 331900

Ion	Ratio	Lower	Upper
79	100		
108	75.7	61.1	91.7
77	61.7	48.9	73.3

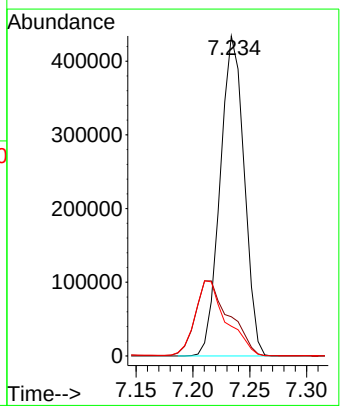


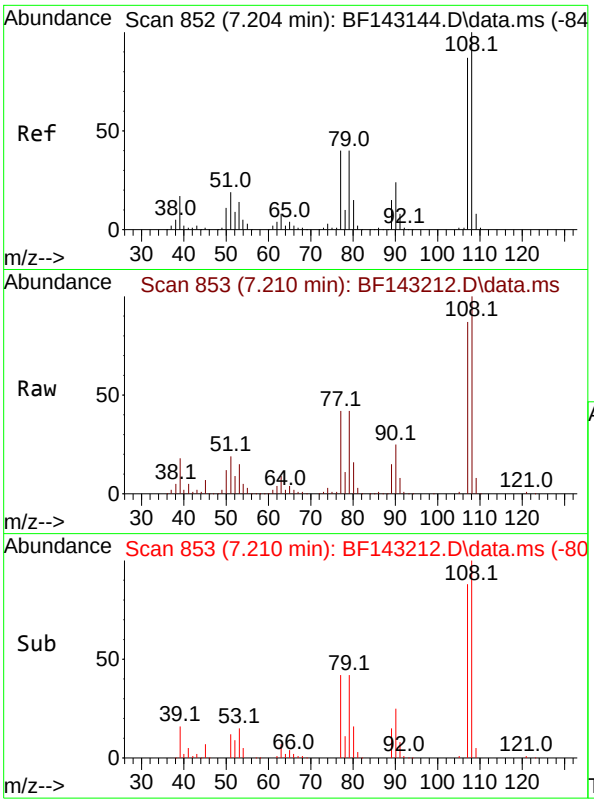


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.797 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 45 Resp: 639401

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	31.2
79	9.3	0.0	28.5



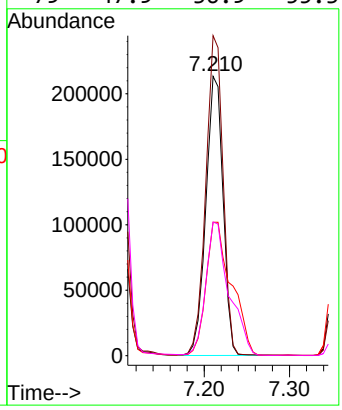


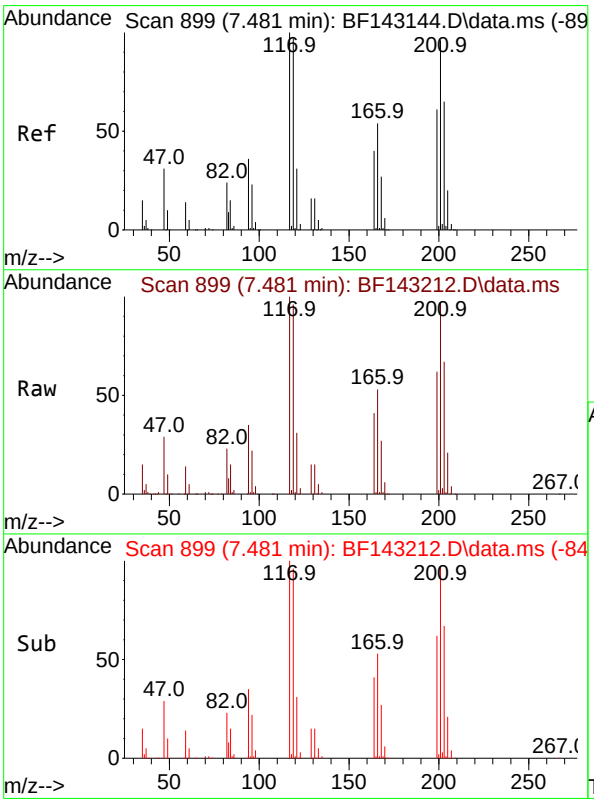
#17
2-Methylphenol
Concen: 42.113 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:107 Resp: 298687

Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.8	137.6
77	47.8	37.0	55.6
79	47.9	36.9	55.3

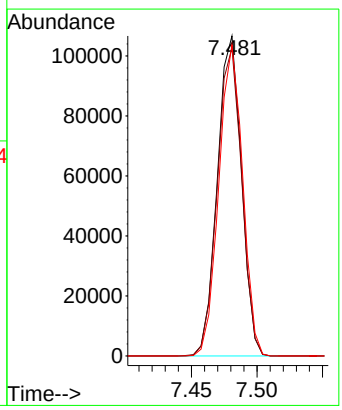


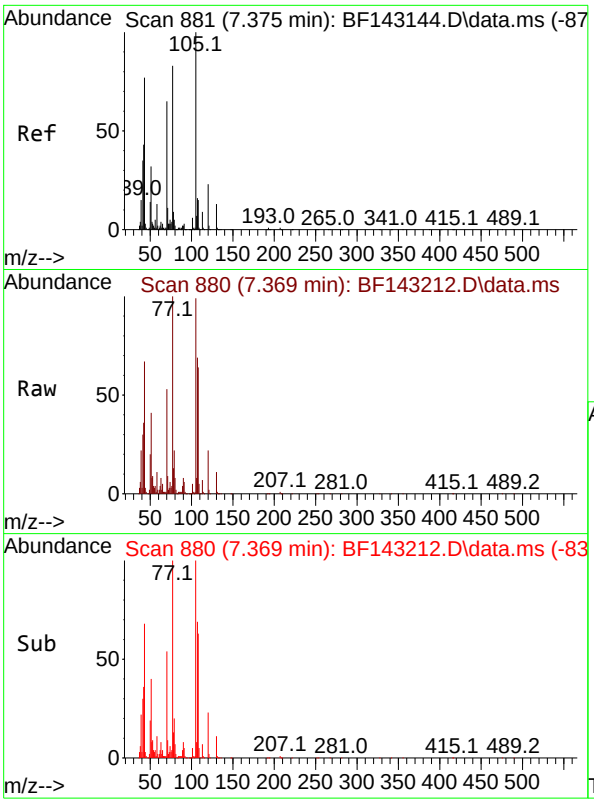


#18
Hexachloroethane
Concen: 42.714 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:117 Resp: 136455

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.8	116.8
201	97.2	77.0	115.4



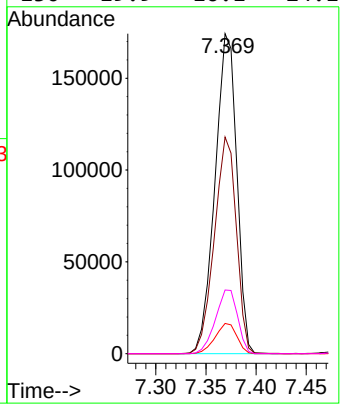


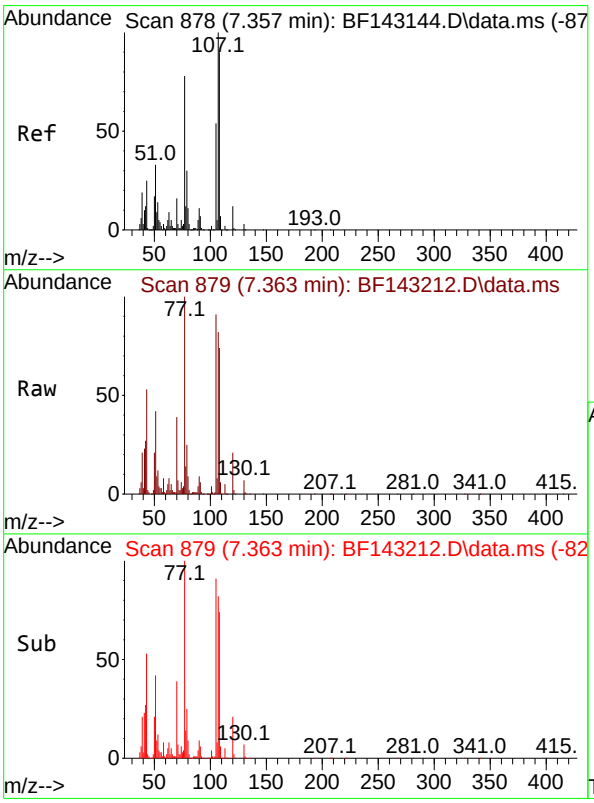
#19
n-Nitroso-di-n-propylamine
Concen: 40.461 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 70 Resp: 262936

Ion	Ratio	Lower	Upper
70	100		
42	67.7	52.5	78.7
101	9.5	7.6	11.4
130	19.9	16.1	24.1

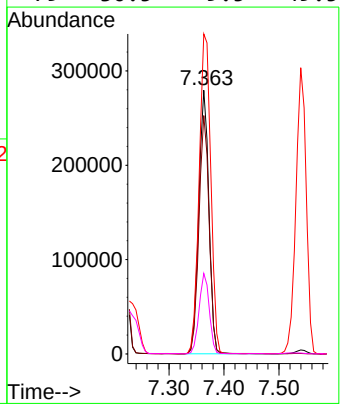


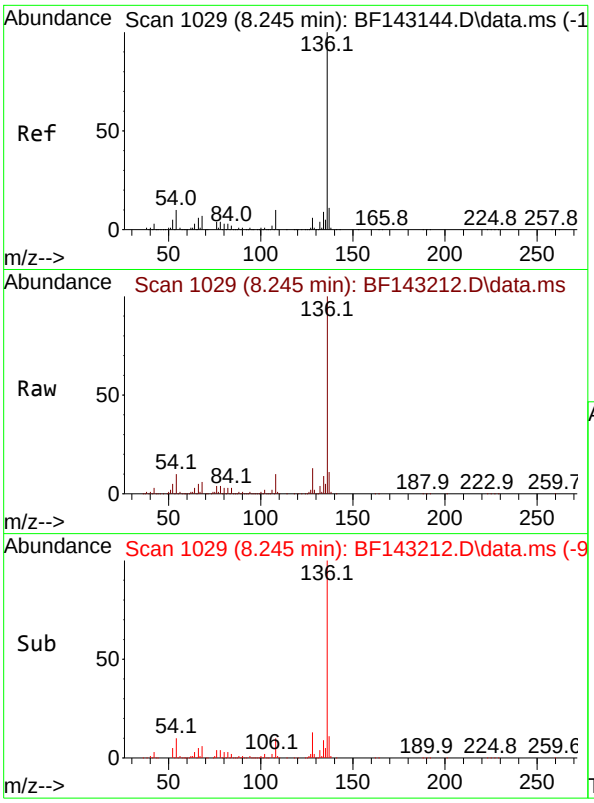


#20
3+4-Methylphenols
Concen: 41.787 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 359582

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.0	110.0
77	121.4	57.8	97.8#
79	30.5	9.5	49.5



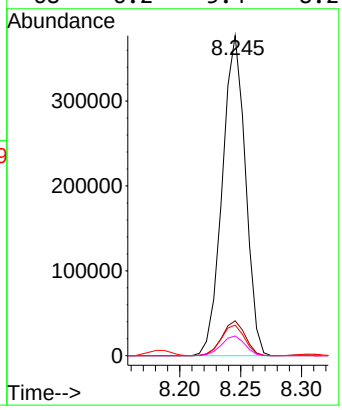


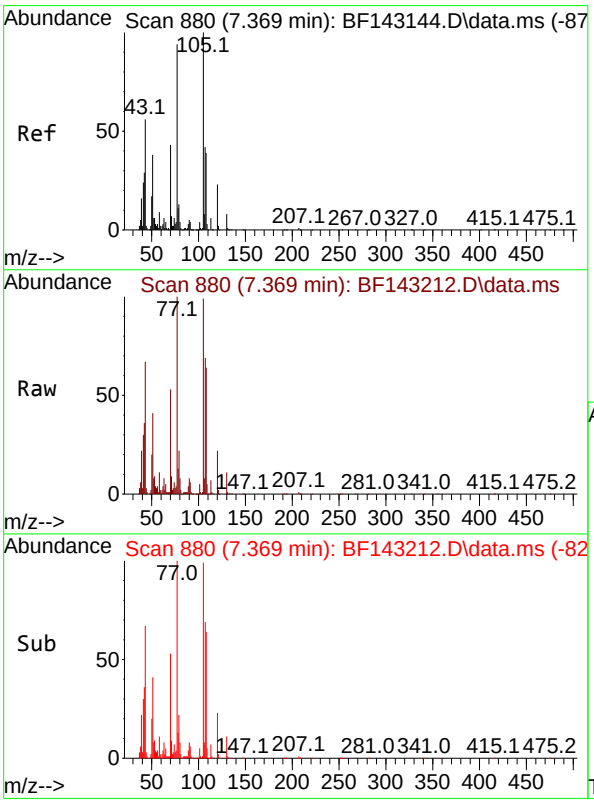
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:136 Resp: 497233

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	8.2	12.2
68	6.2	5.4	8.2

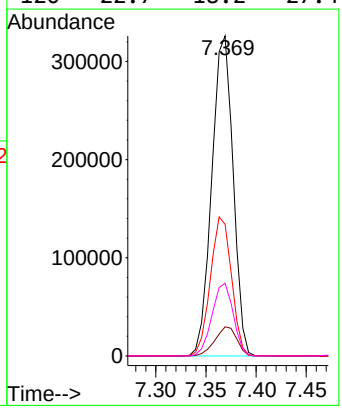


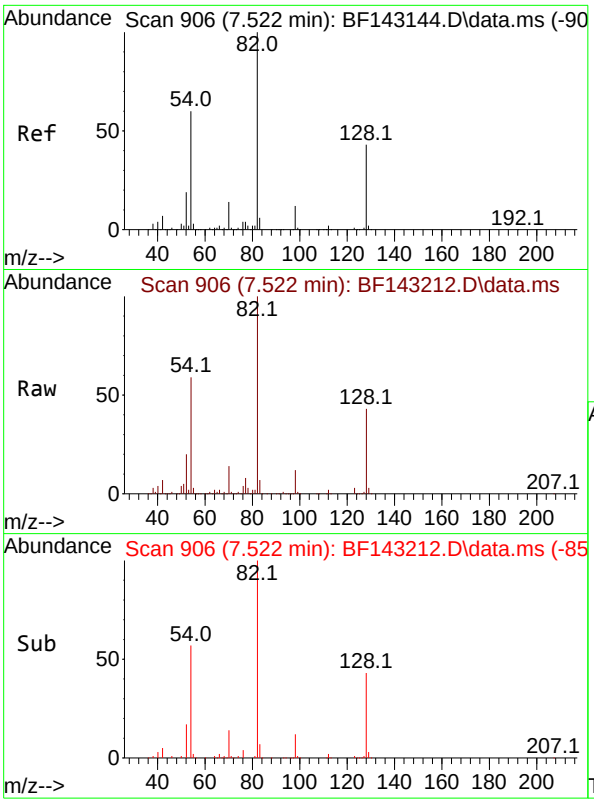


#22
Acetophenone
Concen: 40.948 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:105 Resp: 482041

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	41.1	30.2	45.2
120	22.7	18.2	27.4



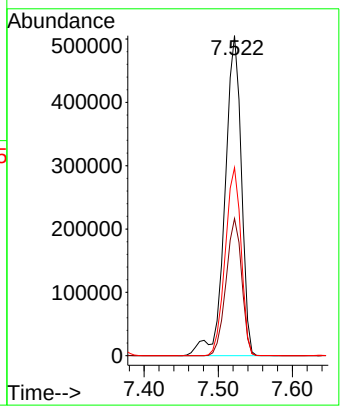


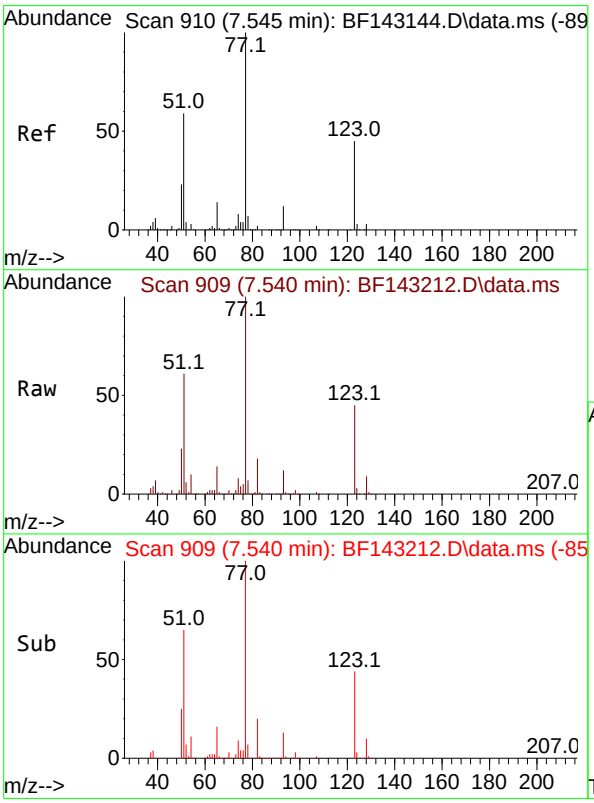
#23
Nitrobenzene-d5
Concen: 77.891 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 82 Resp: 776976

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.6	50.4
54	58.7	47.1	70.7

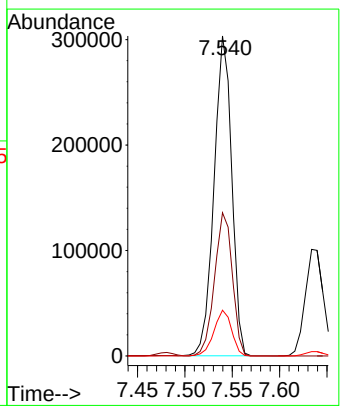


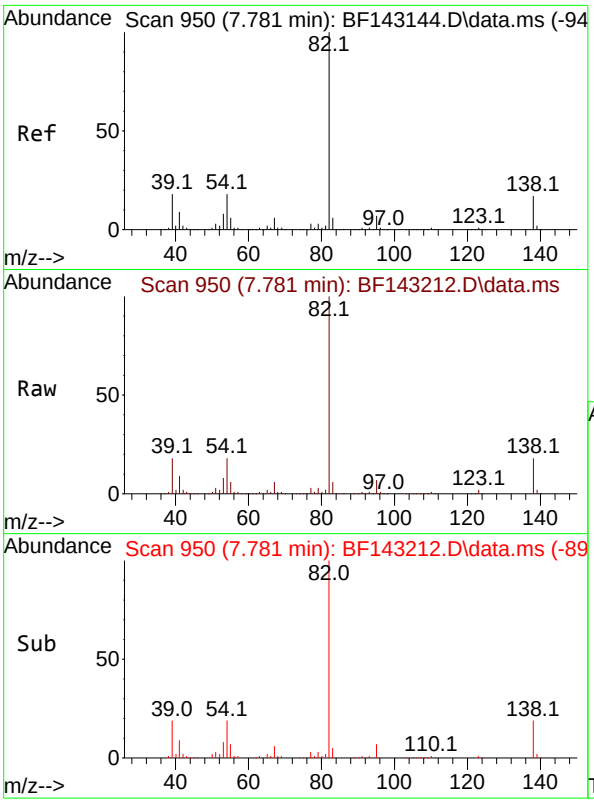


#24
Nitrobenzene
Concen: 42.364 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 77 Resp: 393984

Ion	Ratio	Lower	Upper
77	100		
123	44.8	36.1	54.1
65	14.3	11.4	17.2



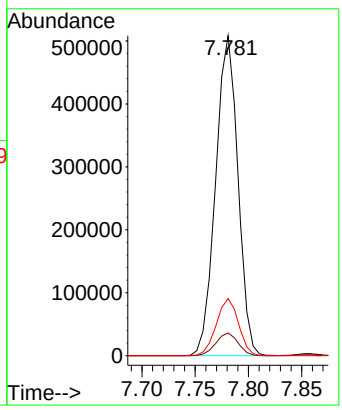


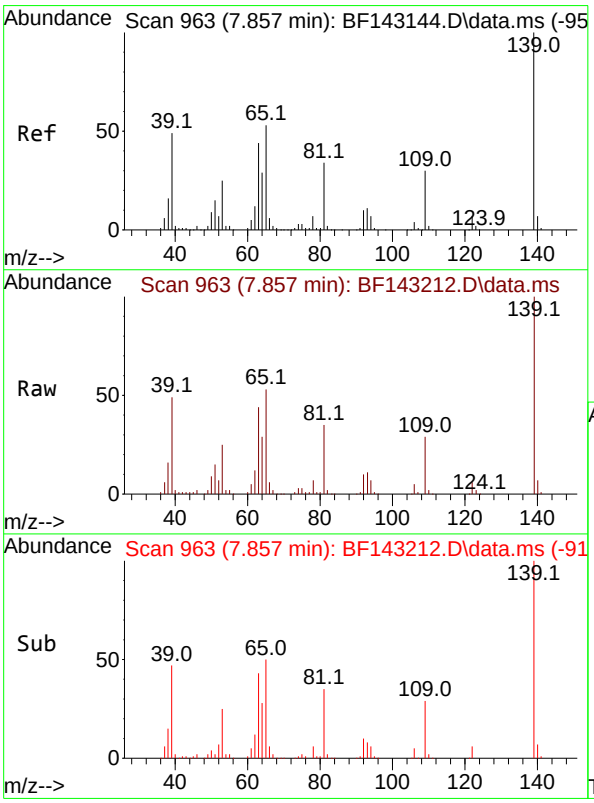
#25
Isophorone
Concen: 41.954 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 82 Resp: 738787

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.9	13.8	20.8

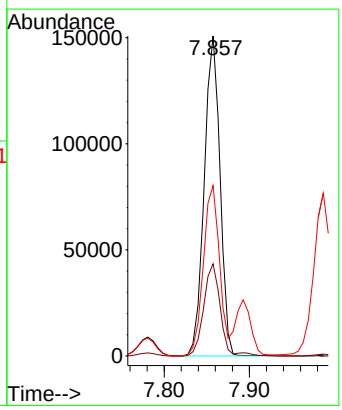


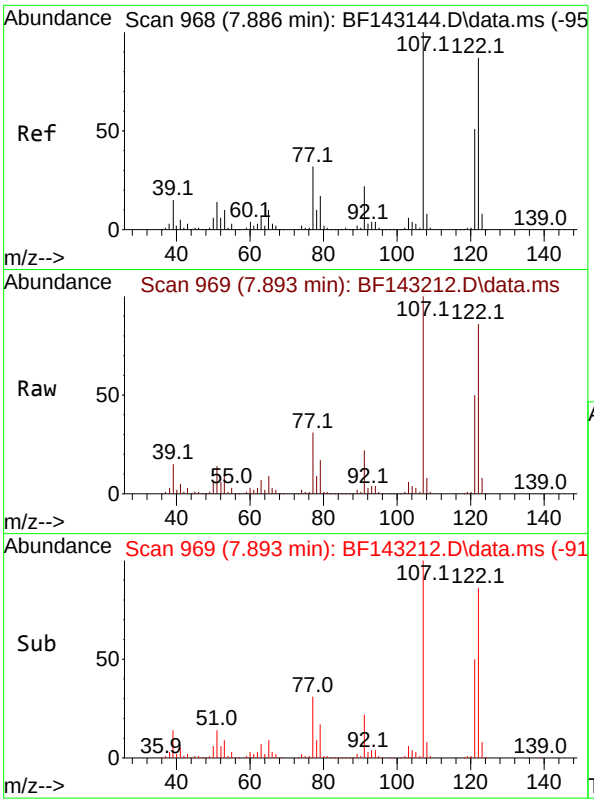


#26
2-Nitrophenol
Concen: 48.051 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:139 Resp: 193942

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.6	35.4
65	53.3	42.6	64.0



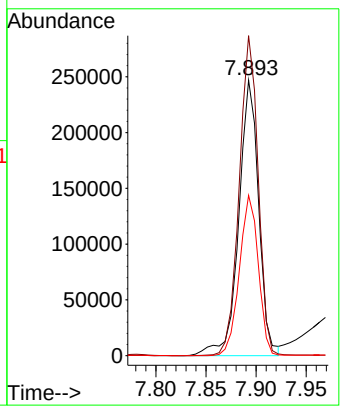


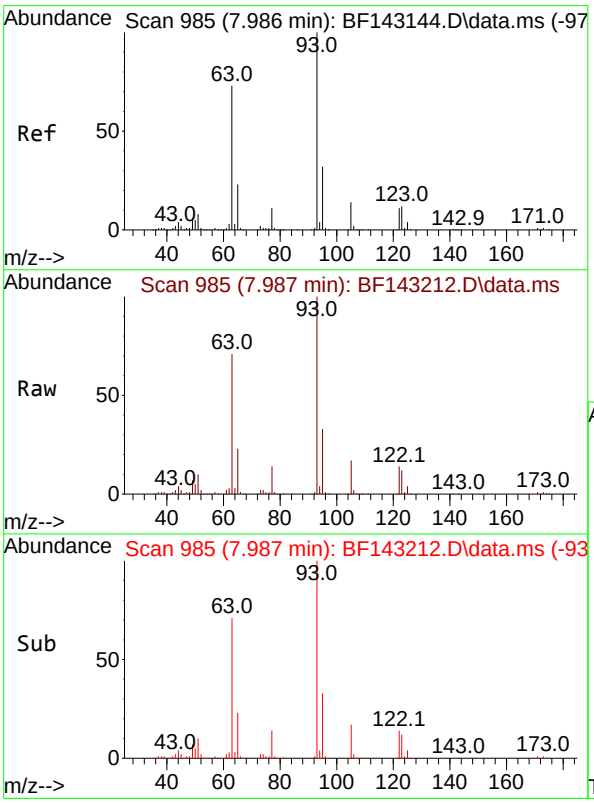
#27
2,4-Dimethylphenol
Concen: 41.592 ng
RT: 7.893 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:122 Resp: 342191

Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.8	137.6
121	58.2	46.3	69.5

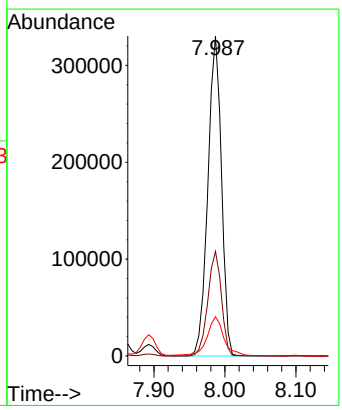


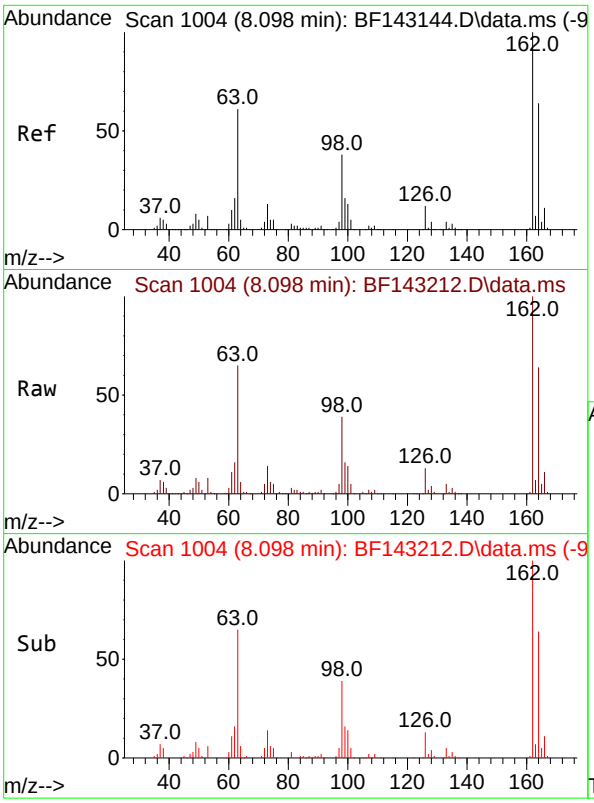


#28
bis(2-Chloroethoxy)methane
Concen: 41.668 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 439929

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	12.3	9.7	14.5



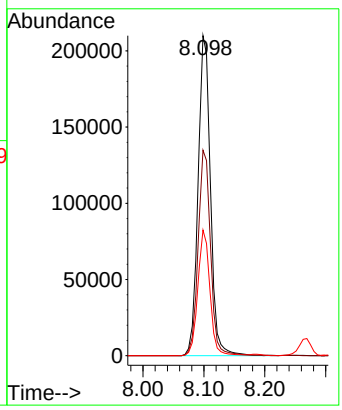


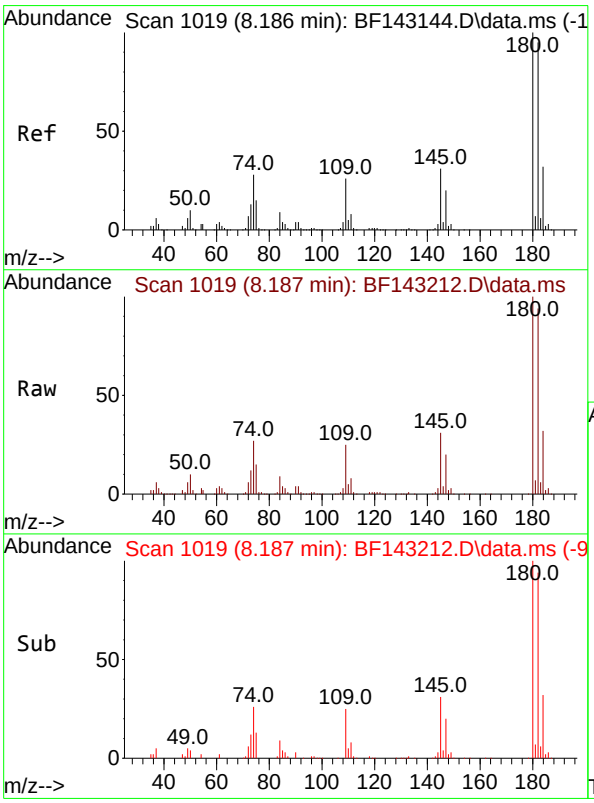
#29
2,4-Dichlorophenol
Concen: 42.636 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:162 Resp: 295824

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	39.2	17.9	57.9

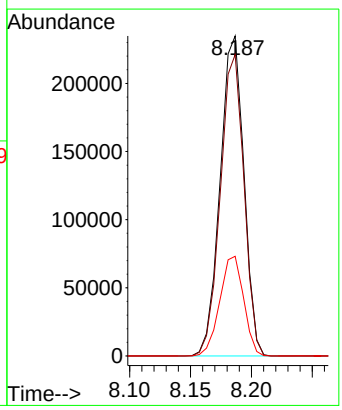


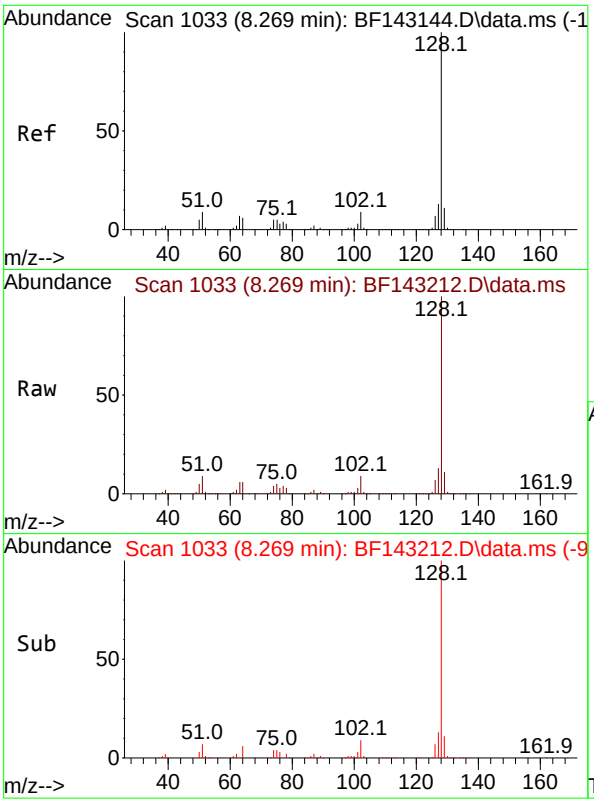


#30
1,2,4-Trichlorobenzene
Concen: 42.525 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:180 Resp: 318755

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	31.2	25.0	37.6



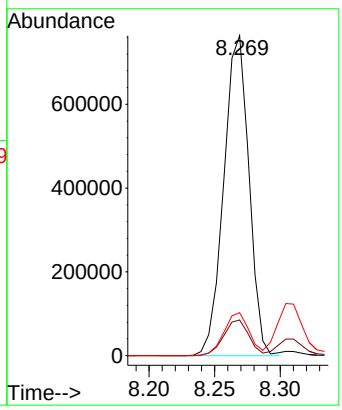


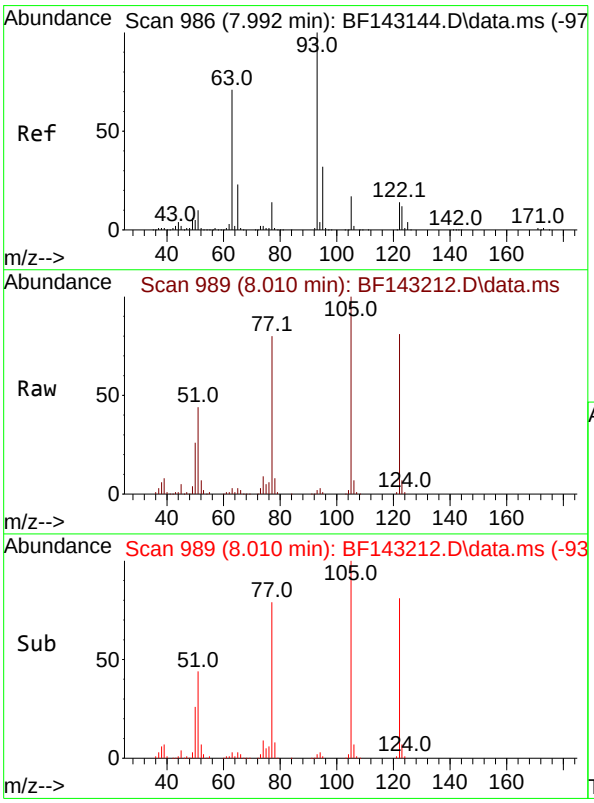
#31
Naphthalene
Concen: 41.625 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:128 Resp: 1019308

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.6	16.0

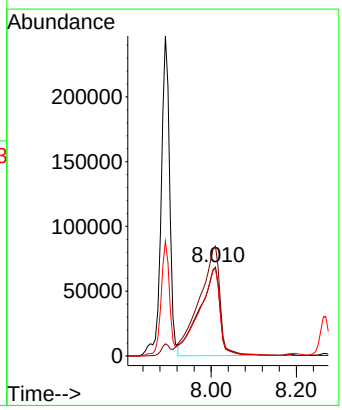


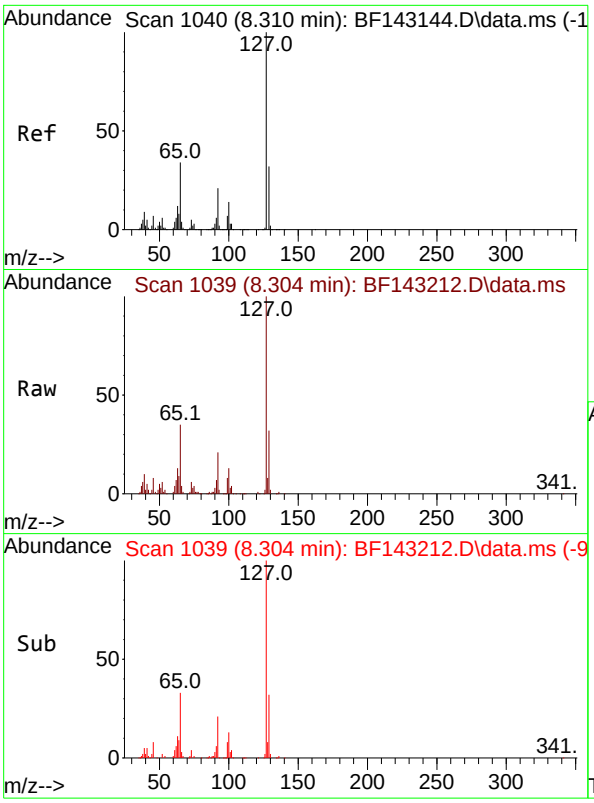


#32
Benzoic acid
Concen: 49.730 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:122 Resp: 231444

Ion	Ratio	Lower	Upper
122	100		
105	123.9	104.8	144.8
77	98.7	77.6	117.6



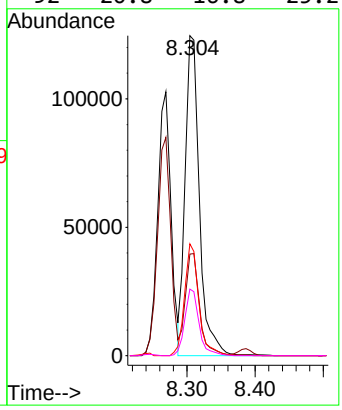


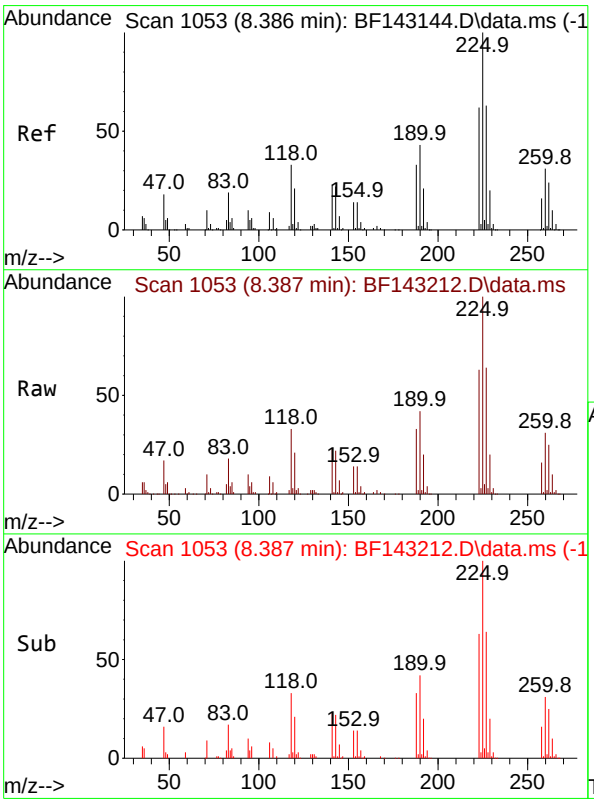
#33
4-Chloroaniline
Concen: 18.095 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:127 Resp: 180929

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	34.9	27.4	41.2
92	20.8	16.8	25.2

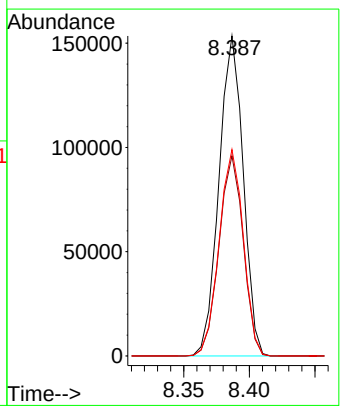


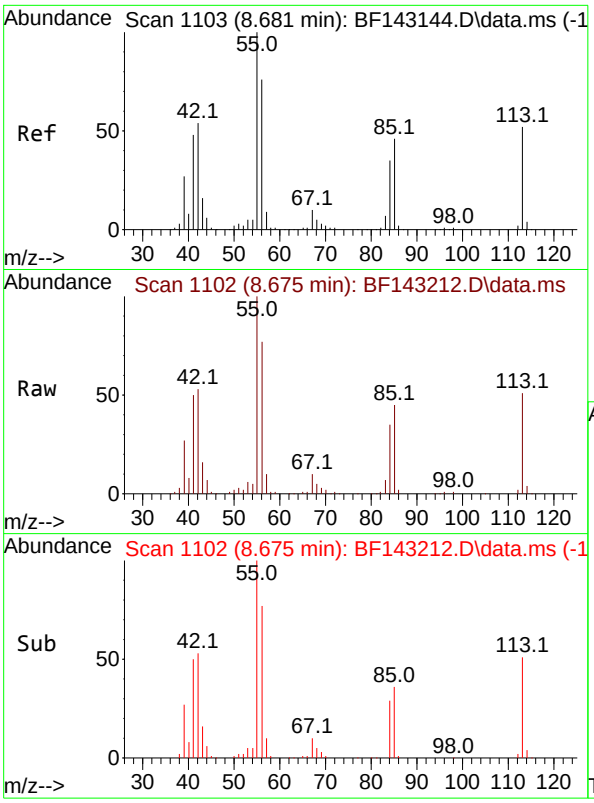


#34
Hexachlorobutadiene
Concen: 42.990 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:225 Resp: 196852

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	64.5	50.2	75.4



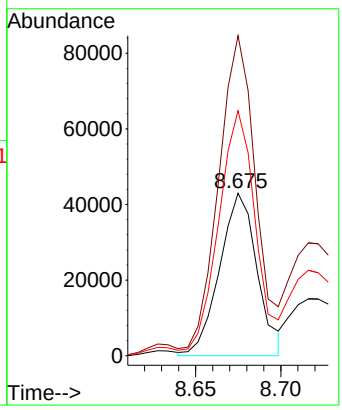


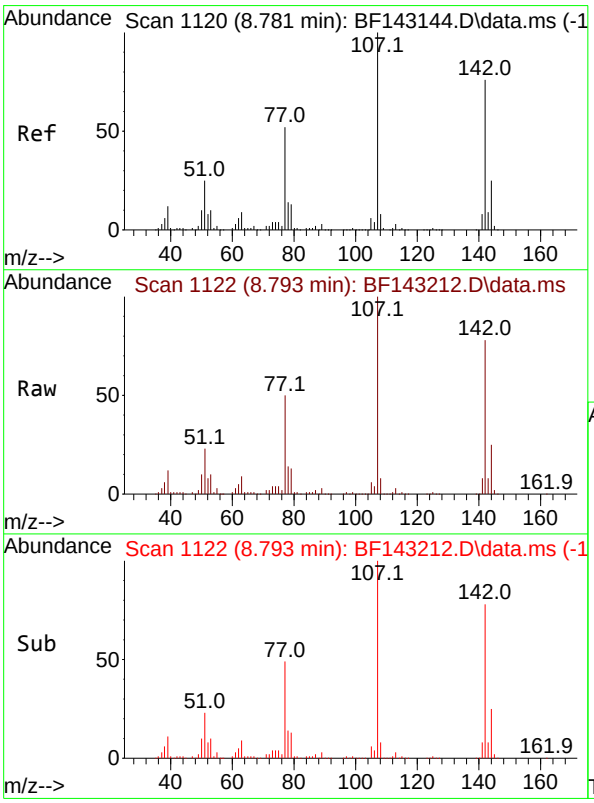
#35
Caprolactam
Concen: 31.392 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:113 Resp: 65818

Ion	Ratio	Lower	Upper
113	100		
55	197.0	174.0	214.0
56	150.8	126.6	166.6

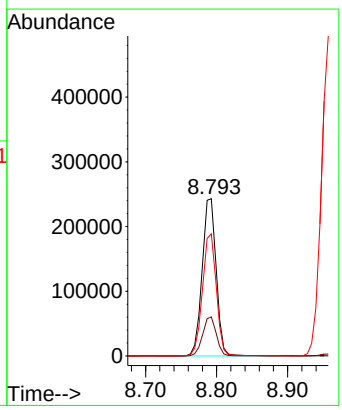


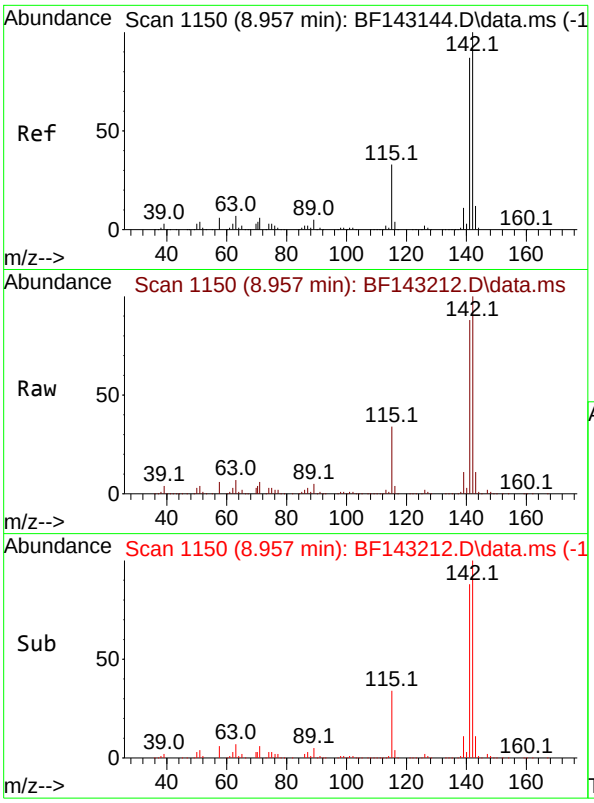


#36
4-Chloro-3-methylphenol
Concen: 44.529 ng
RT: 8.793 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 335805

Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	77.7	60.6	90.8



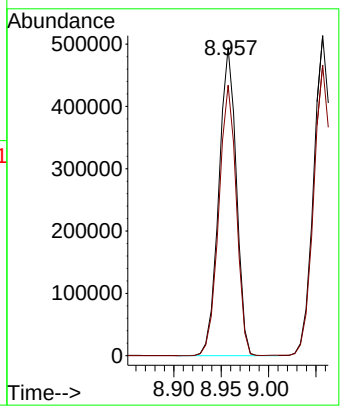


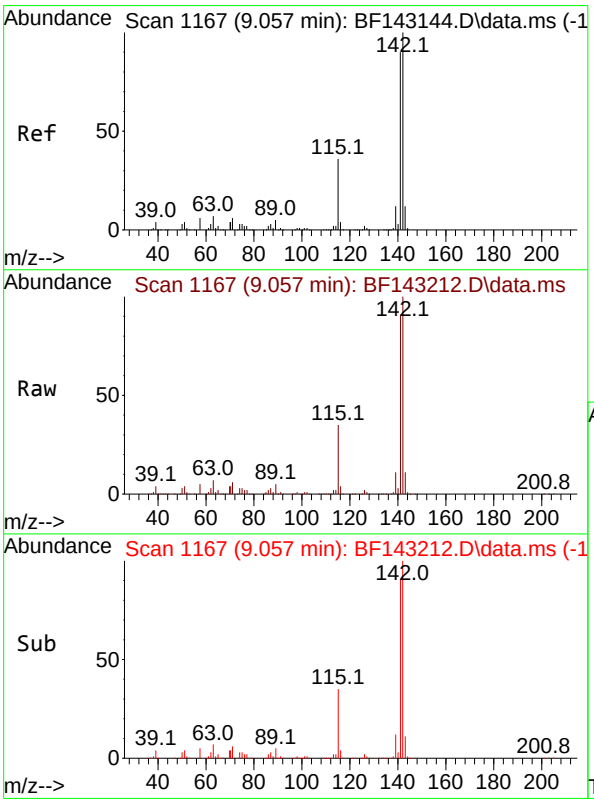
#37
2-Methylnaphthalene
Concen: 42.782 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:142 Resp: 637504

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.9	104.9

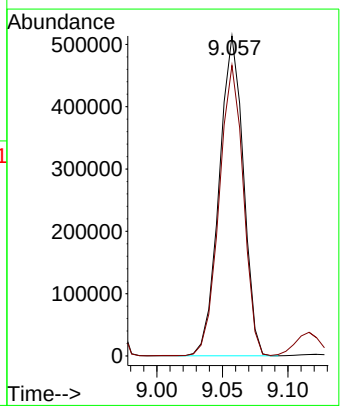


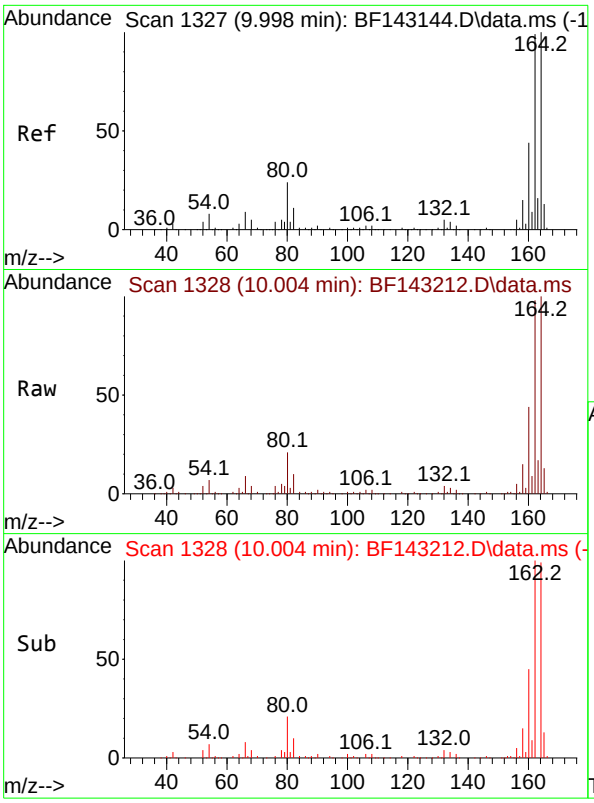


#38
1-Methylnaphthalene
Concen: 42.971 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:142 Resp: 659370

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5



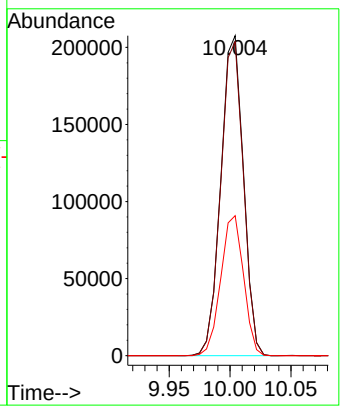


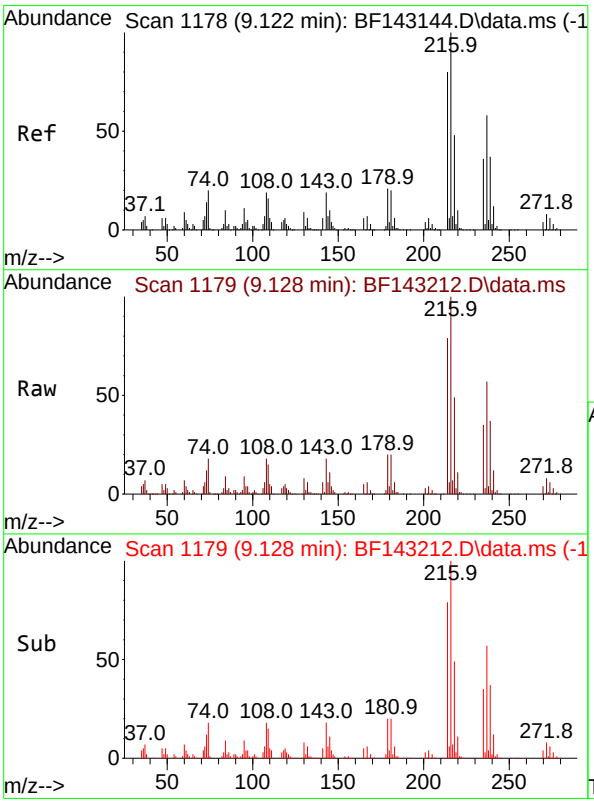
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:164 Resp: 269042

Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.0	118.6
160	43.7	35.1	52.7

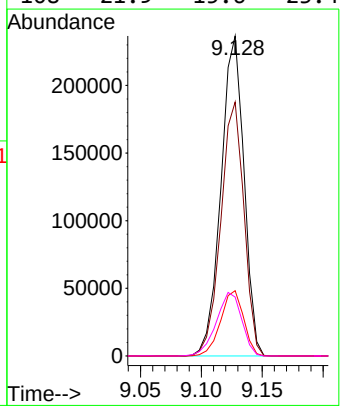


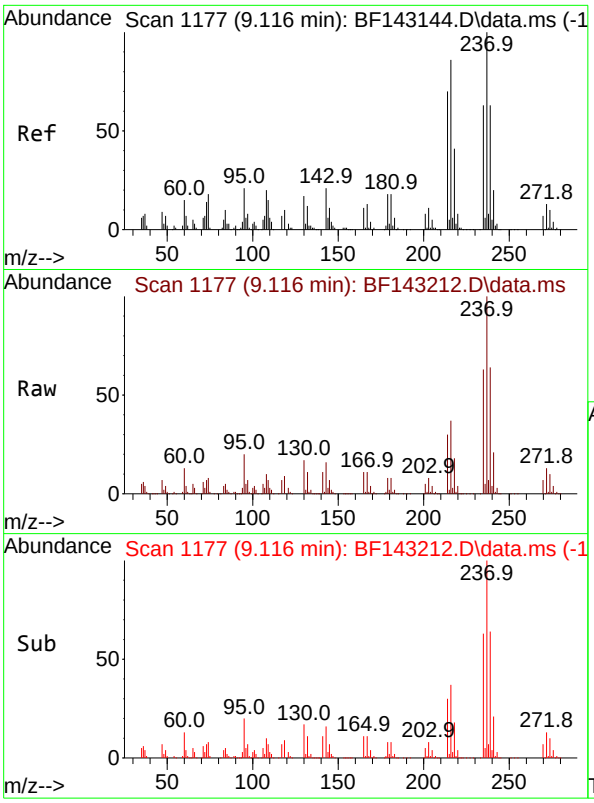


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.025 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:216 Resp: 310898

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	20.5	16.4	24.6
108	21.9	15.6	23.4



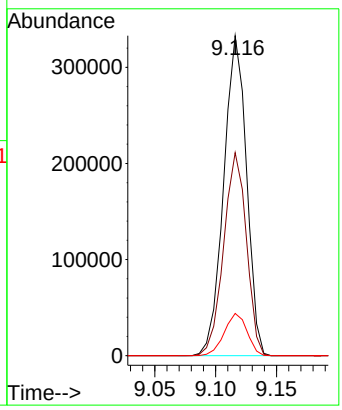


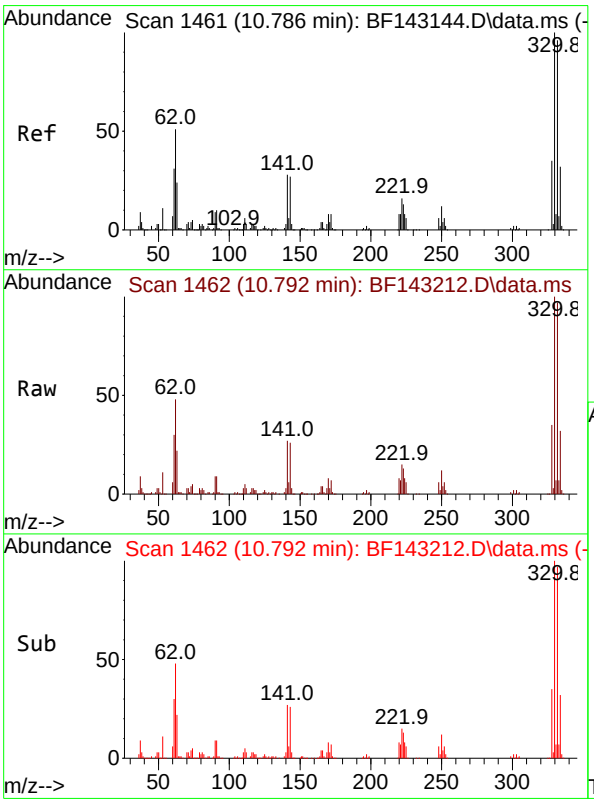
#41
Hexachlorocyclopentadiene
Concen: 85.897 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:237 Resp: 434132

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.0	83.0
272	13.2	0.0	33.3

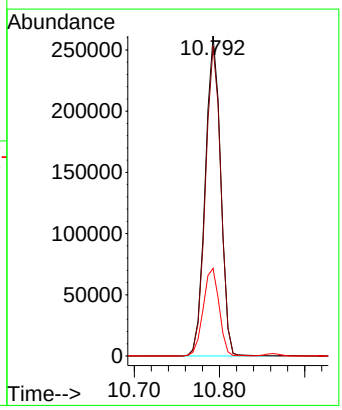


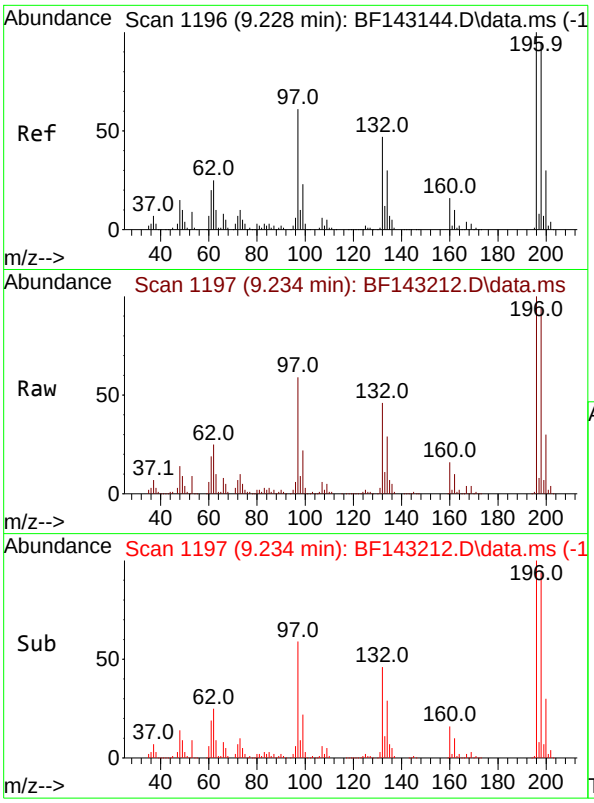


#42
2,4,6-Tribromophenol
Concen: 117.949 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:330 Resp: 327822

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	28.3	23.3	34.9



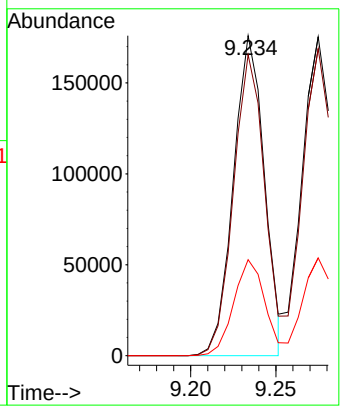


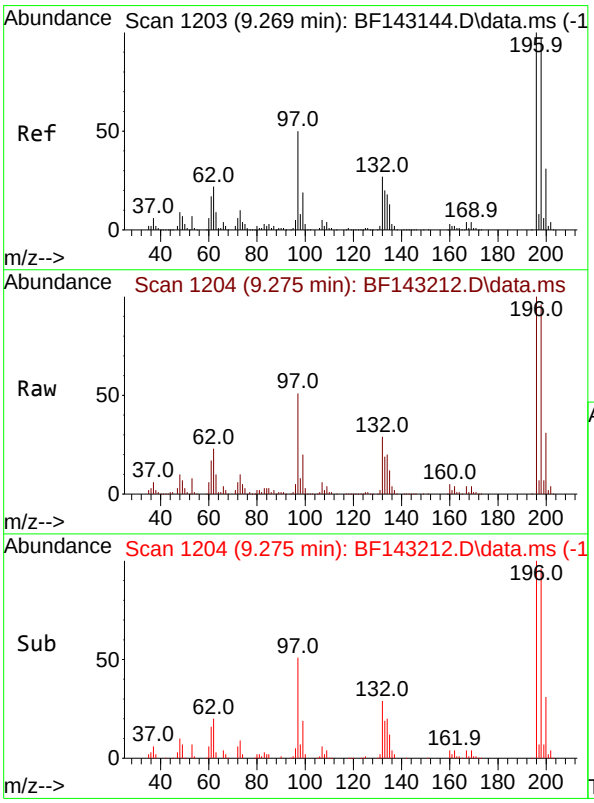
#43
2,4,6-Trichlorophenol
Concen: 41.386 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:196 Resp: 222483

Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.2	114.2
200	30.0	23.9	35.9

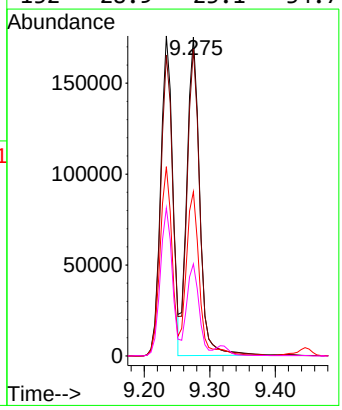


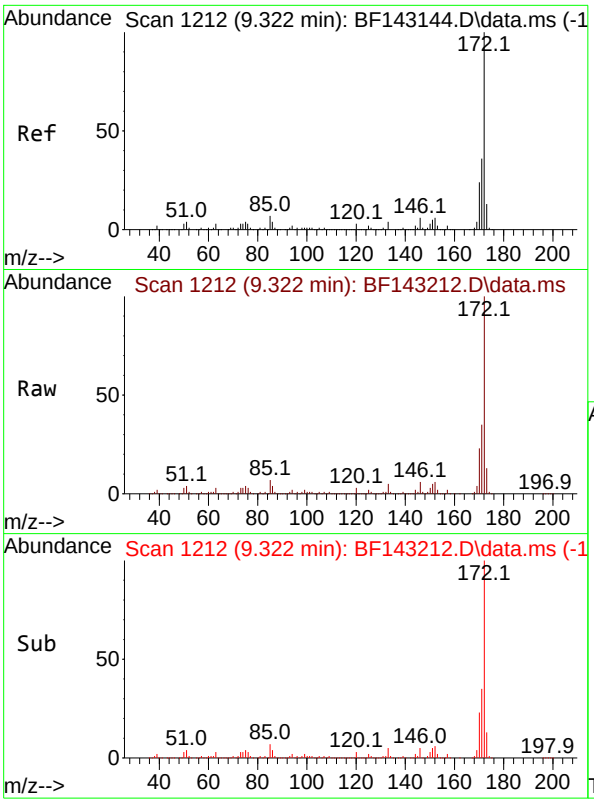


#44
2,4,5-Trichlorophenol
Concen: 43.991 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:196 Resp: 236559

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.3	115.9
97	51.5	40.3	60.5
132	28.9	23.1	34.7



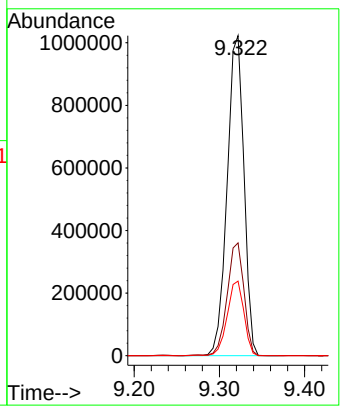


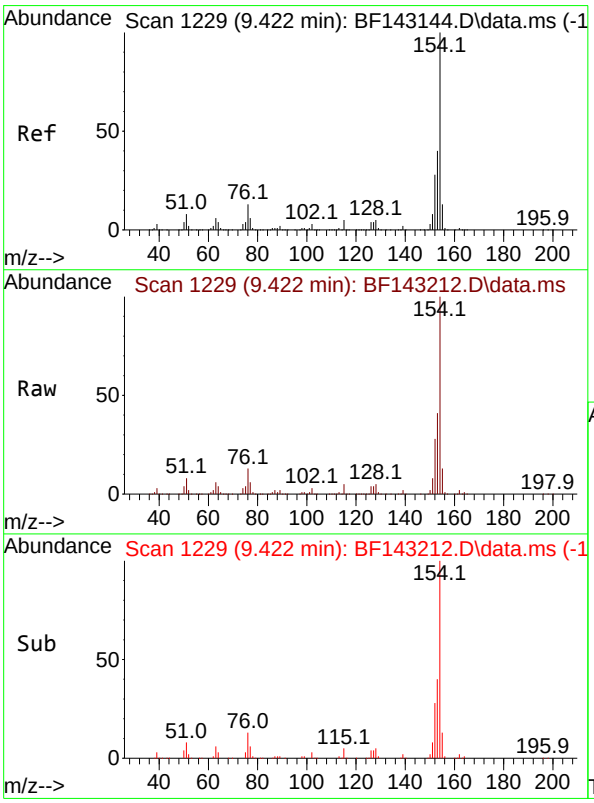
#45
2-Fluorobiphenyl
Concen: 71.040 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:172 Resp: 1397519

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.3	18.8	28.2

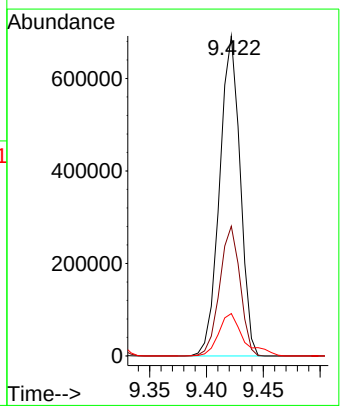


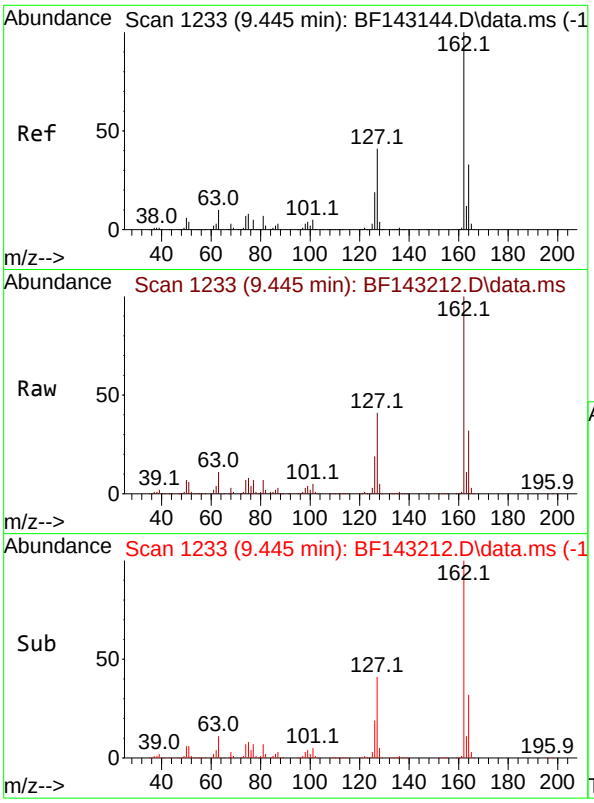


#46
1,1'-Biphenyl
Concen: 41.488 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:154 Resp: 870859

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.2	0.0	33.3



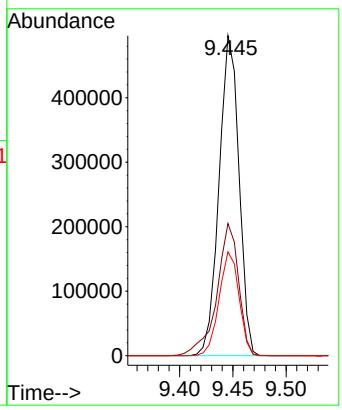


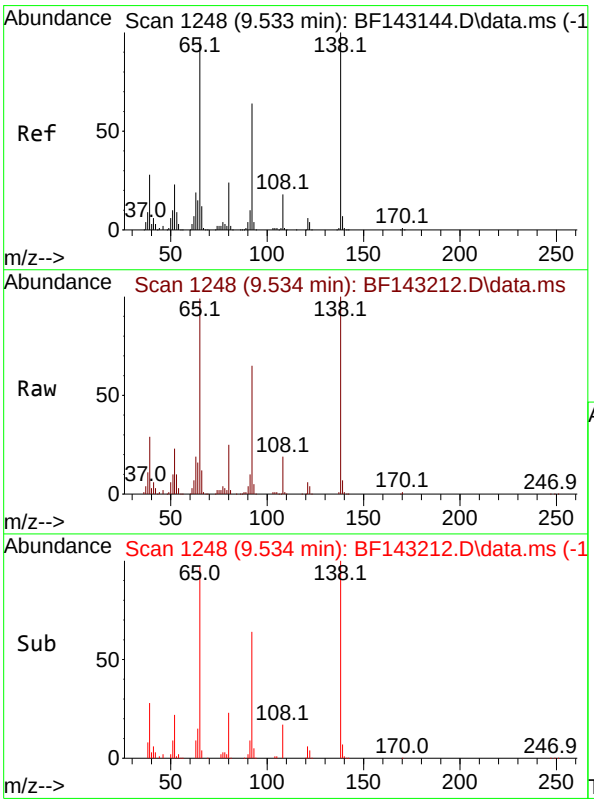
#47
2-Chloronaphthalene
Concen: 41.468 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:162 Resp: 644057

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	32.4	26.2	39.2

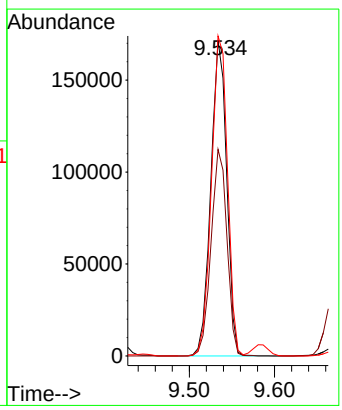


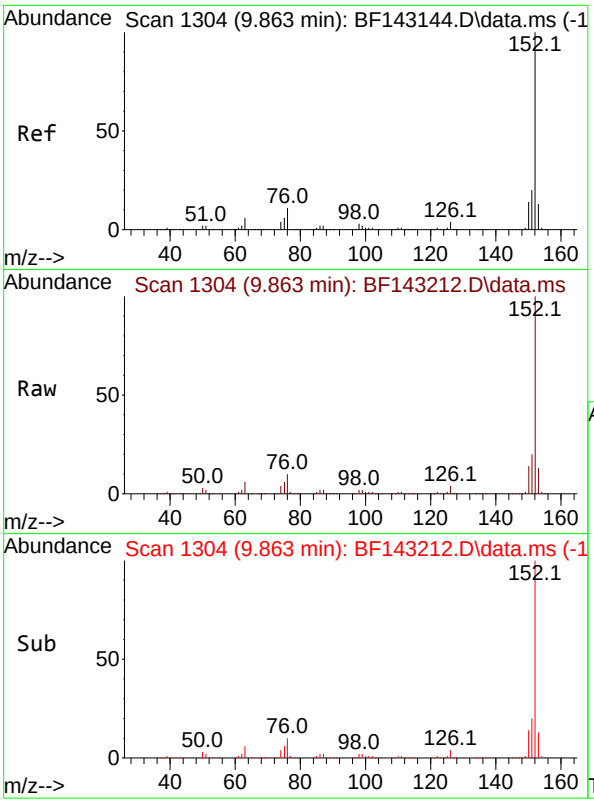


#48
2-Nitroaniline
Concen: 45.611 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 65 Resp: 222155

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.4	78.6
138	101.4	82.3	123.5



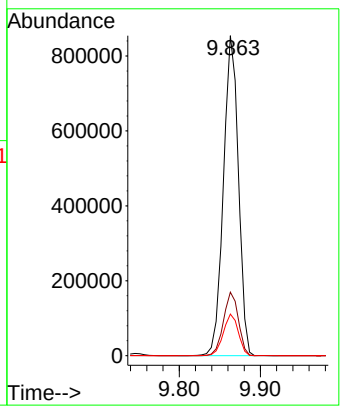


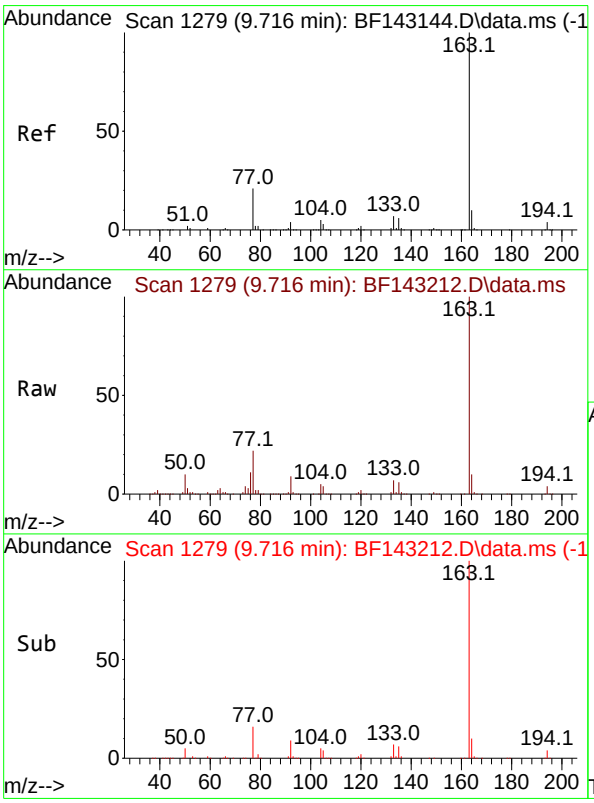
#49
Acenaphthylene
Concen: 42.174 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:152 Resp: 1097730

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.0	10.6	16.0

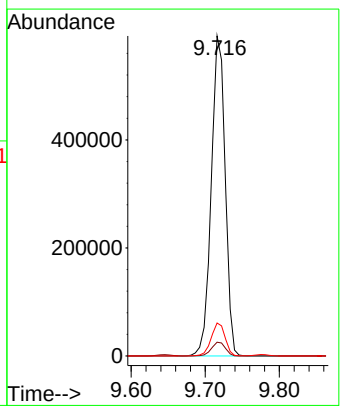


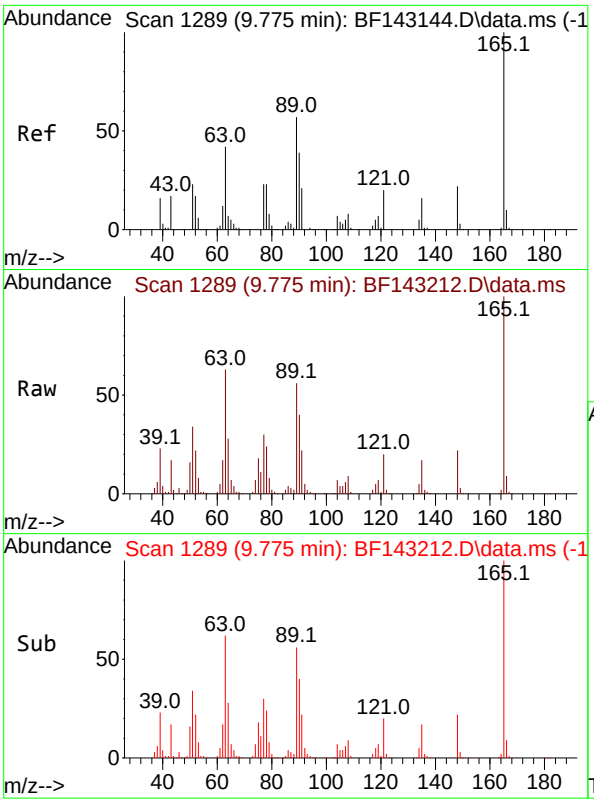


#50
Dimethylphthalate
Concen: 44.055 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:163 Resp: 772585

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.3	12.5



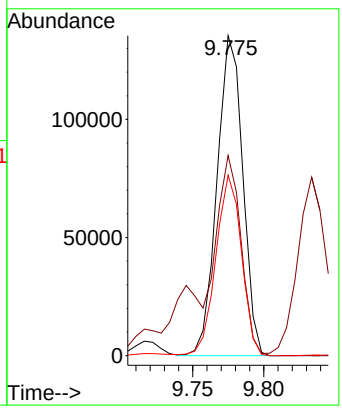


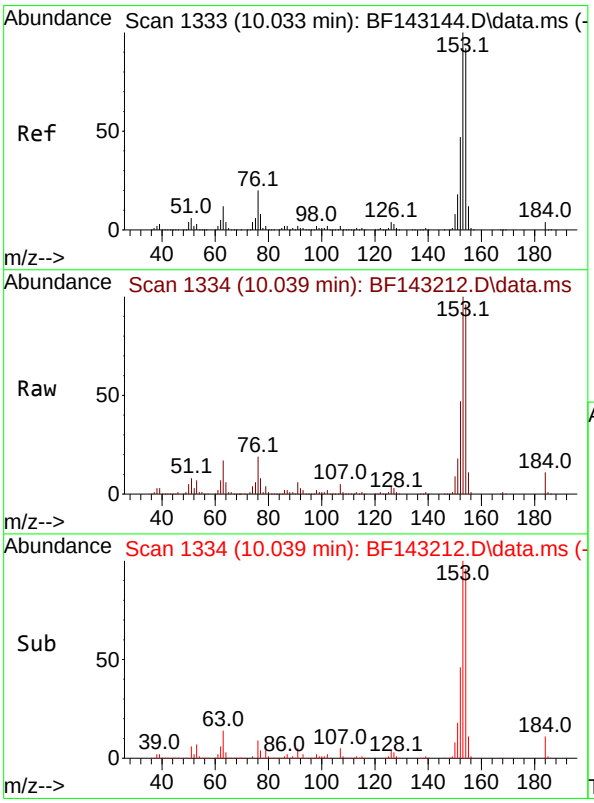
#51
2,6-Dinitrotoluene
Concen: 47.813 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:165 Resp: 170575

Ion	Ratio	Lower	Upper
165	100		
63	62.6	49.4	74.2
89	56.4	46.2	69.2

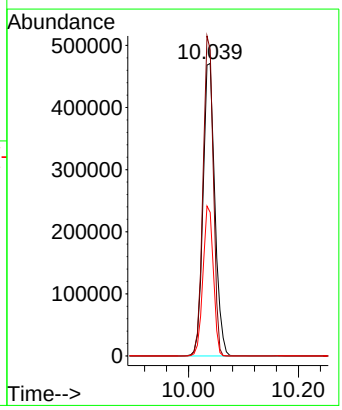


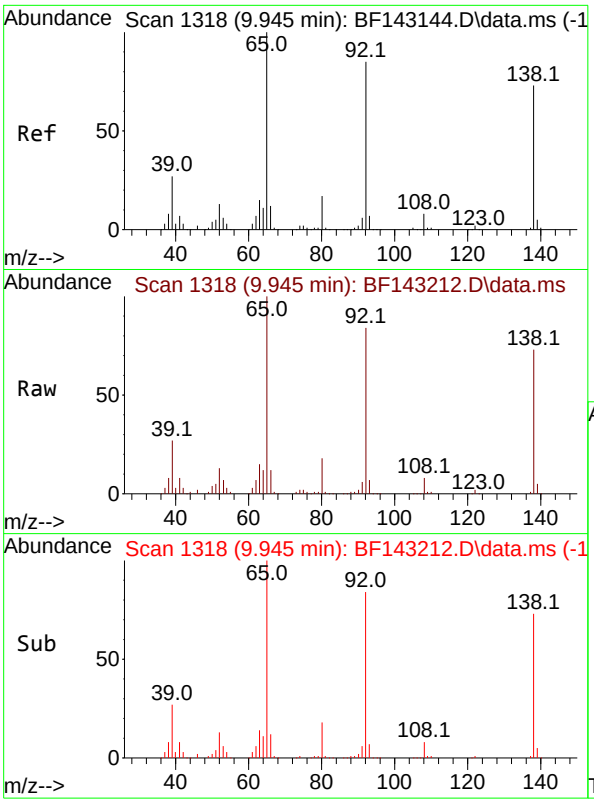


#52
Acenaphthene
Concen: 45.734 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:154 Resp: 703577

Ion	Ratio	Lower	Upper
154	100		
153	104.7	86.6	129.8
152	49.1	40.4	60.6



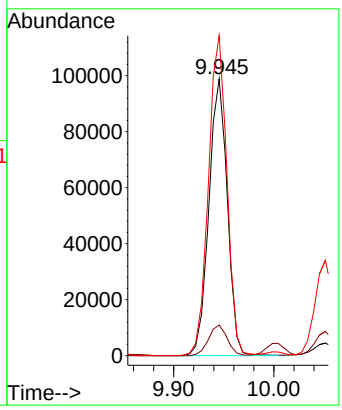


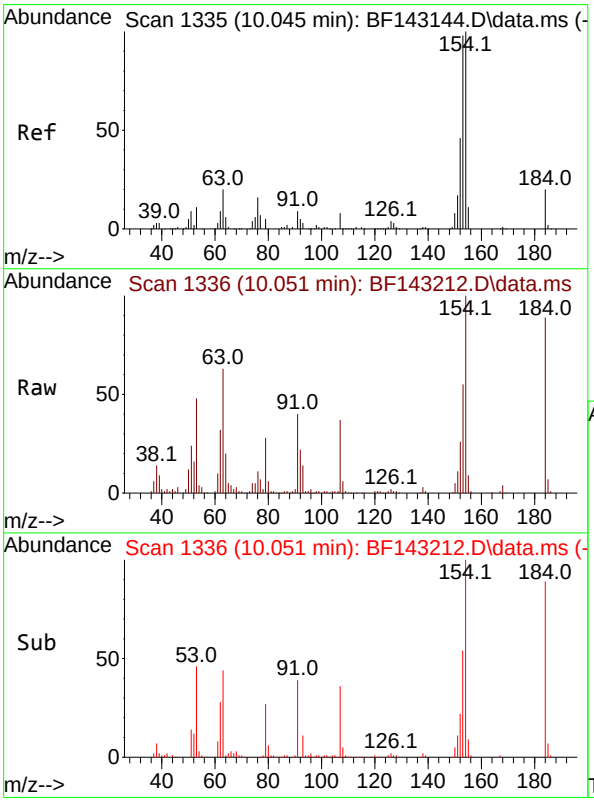
#53
3-Nitroaniline
Concen: 30.278 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:138 Resp: 126346

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	115.6	93.0	139.4

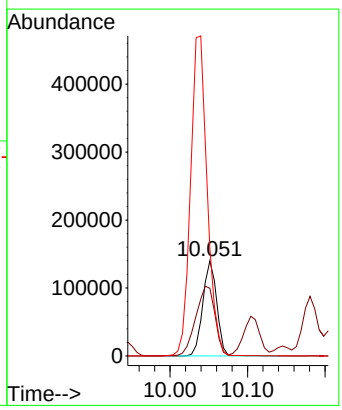


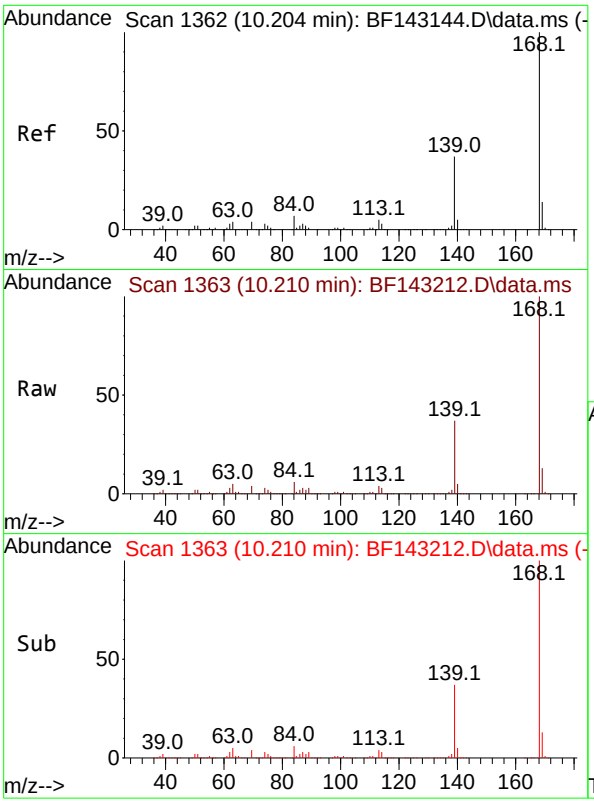


#54
2,4-Dinitrophenol
Concen: 106.394 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:184 Resp: 175905

Ion	Ratio	Lower	Upper
184	100		
63	71.2	81.8	122.6#
154	112.9	412.2	618.4#



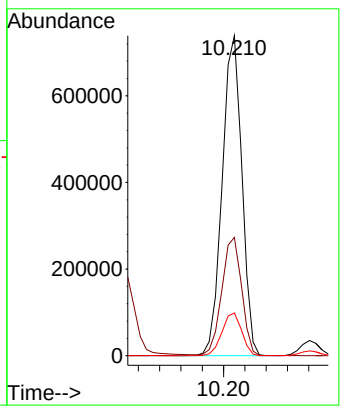


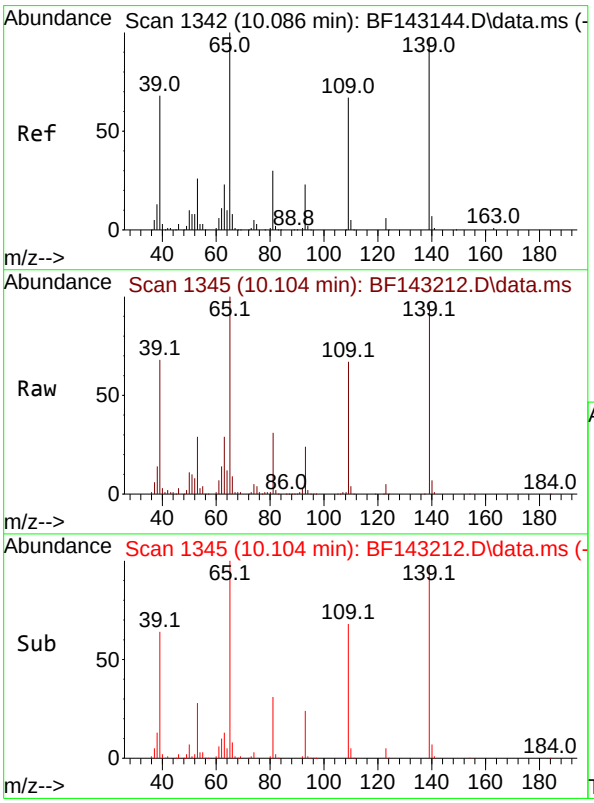
#55
Dibenzofuran
Concen: 41.458 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:168 Resp: 946920

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.5	44.3
169	13.4	10.9	16.3

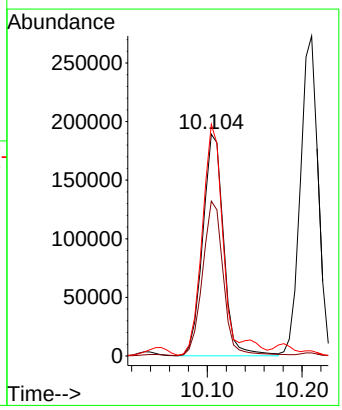


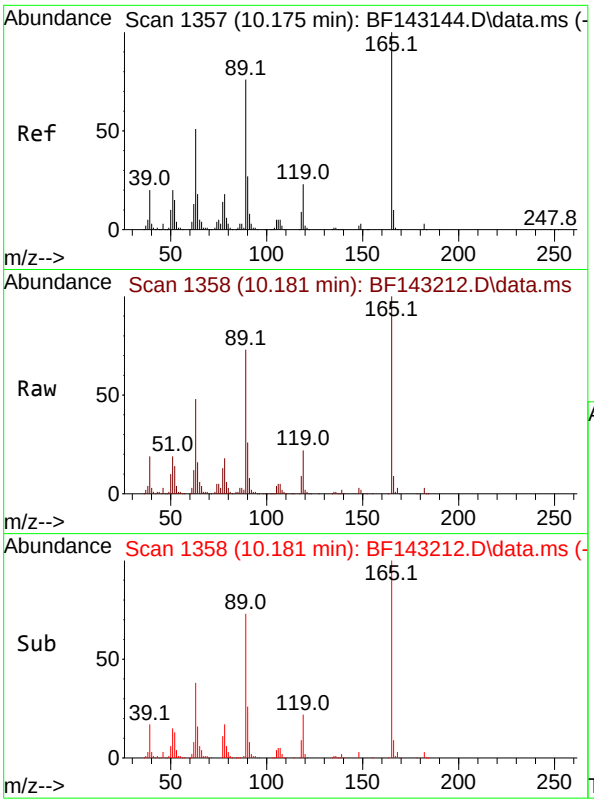


#56
4-Nitrophenol
Concen: 92.622 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:139 Resp: 288611

Ion	Ratio	Lower	Upper
139	100		
109	69.8	48.5	88.5
65	104.5	83.4	123.4



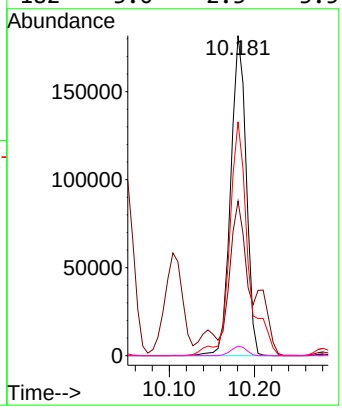


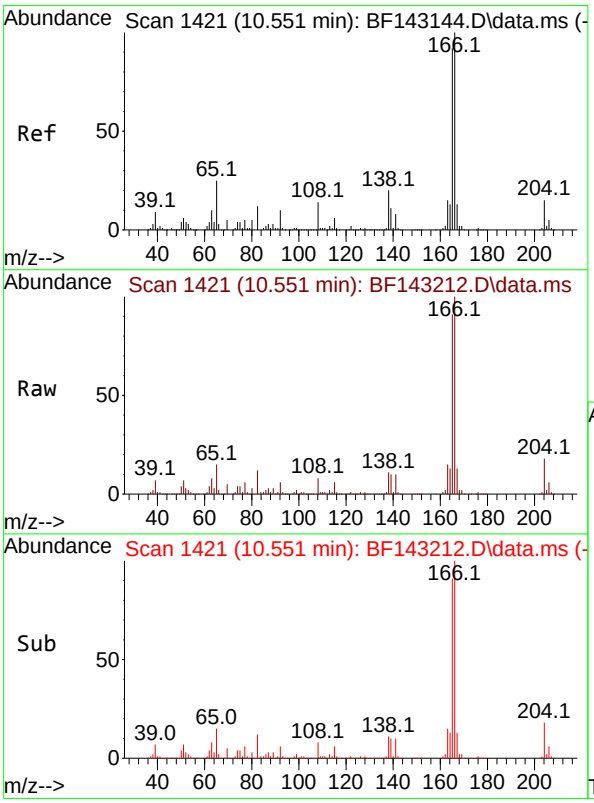
#57
2,4-Dinitrotoluene
Concen: 51.396 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:165 Resp: 230038

Ion	Ratio	Lower	Upper
165	100		
63	48.3	41.0	61.4
89	73.1	61.1	91.7
182	3.0	2.3	3.5

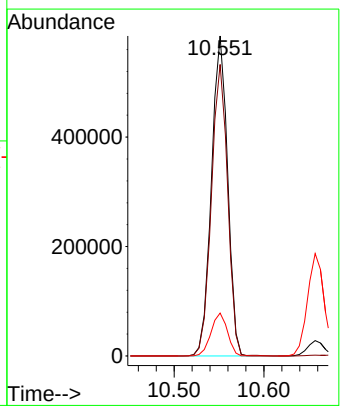


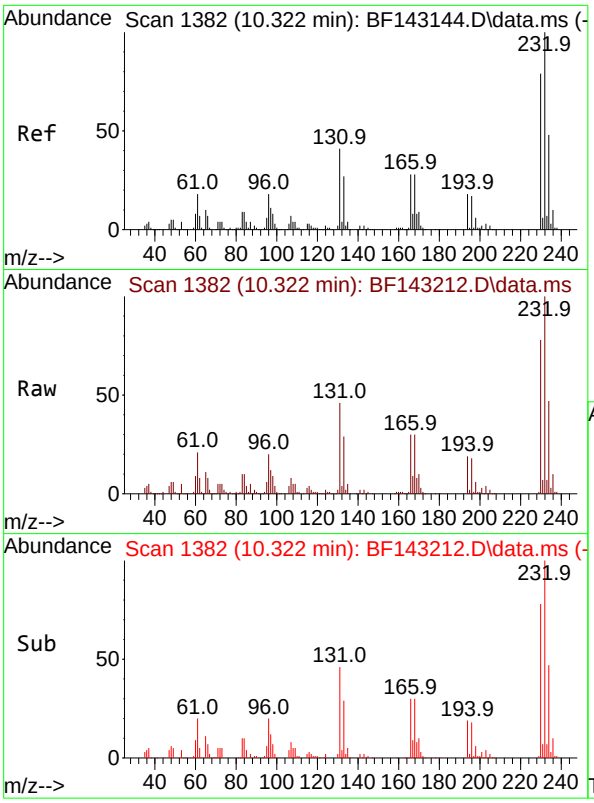


#58
Fluorene
Concen: 42.663 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:166 Resp: 731345

Ion	Ratio	Lower	Upper
166	100		
165	91.1	73.7	110.5
167	13.4	10.6	16.0



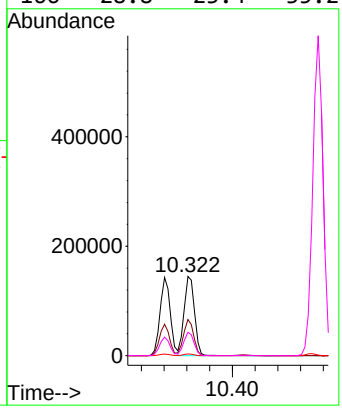


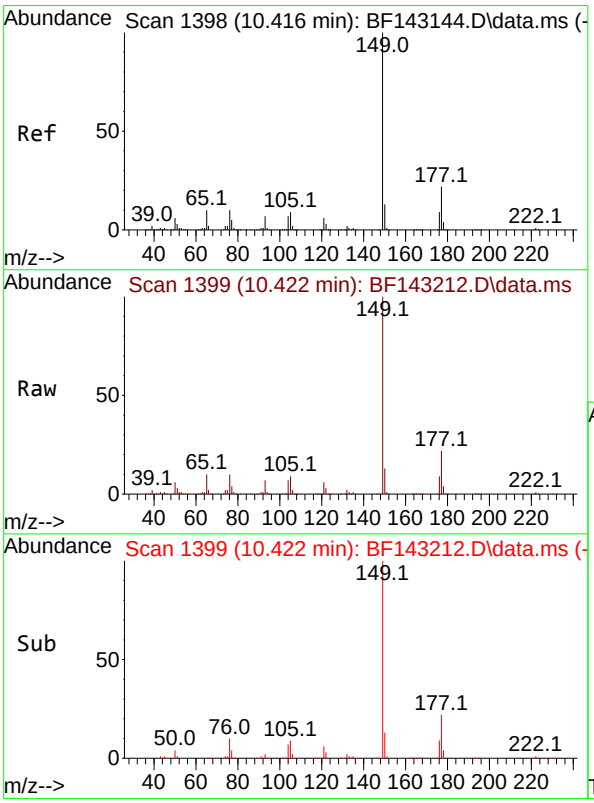
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.271 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:232 Resp: 183839

Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.3	52.9
130	2.1	1.7	2.5
166	28.8	23.4	35.2

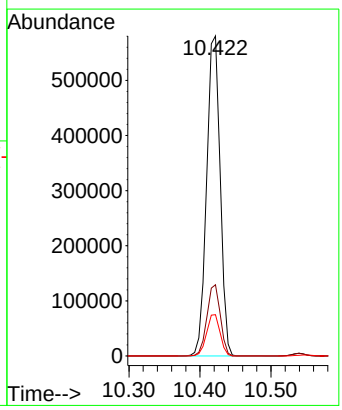


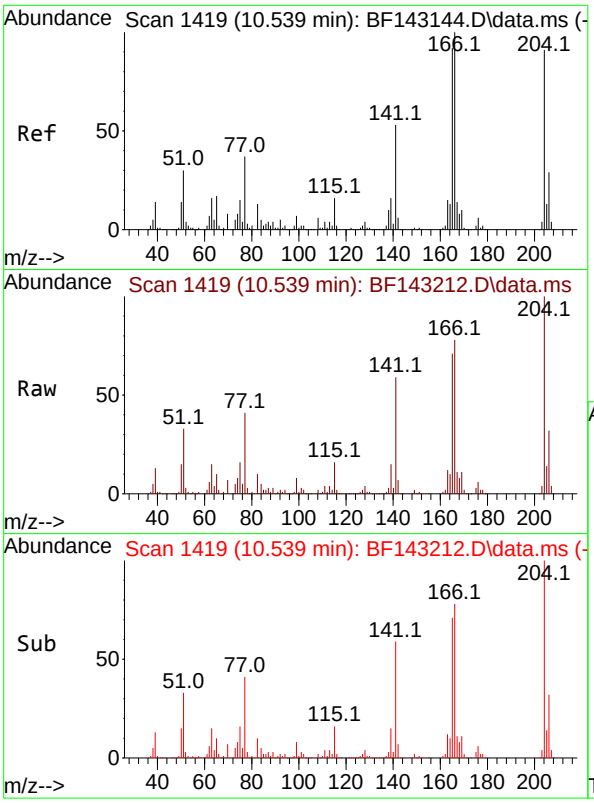


#60
Diethylphthalate
Concen: 44.467 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 770778

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.5	26.3
150	12.9	10.2	15.2



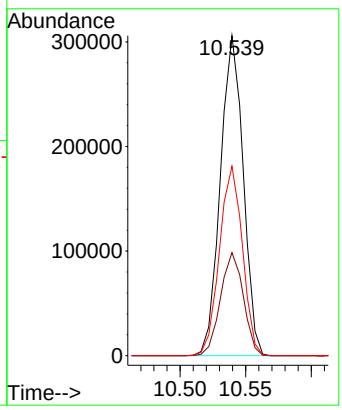


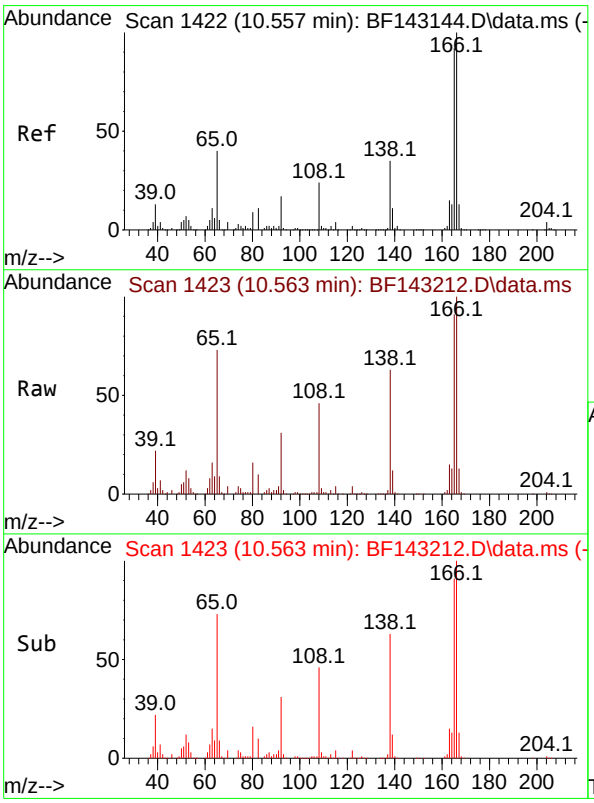
#61
4-Chlorophenyl-phenylether
Concen: 43.401 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:204 Resp: 370456

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.8
141	59.2	47.0	70.4

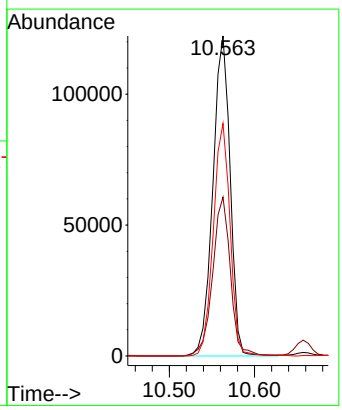


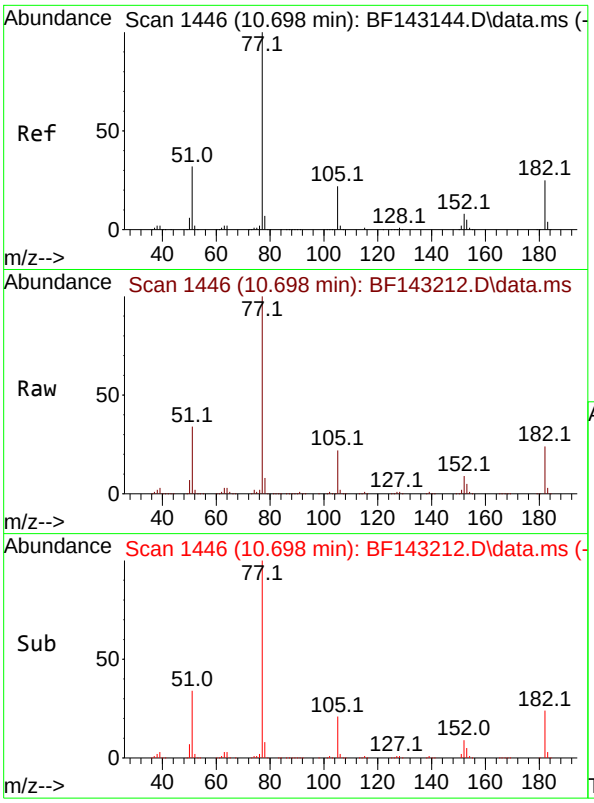


#62
4-Nitroaniline
Concen: 48.165 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:138 Resp: 172252

Ion	Ratio	Lower	Upper
138	100		
92	49.6	29.3	69.3
108	72.6	48.3	88.3



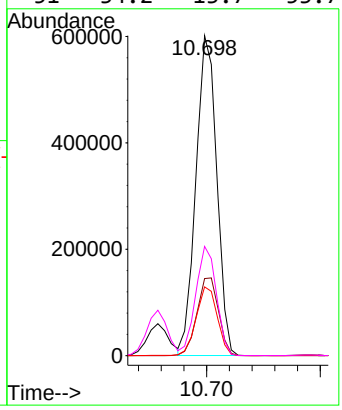


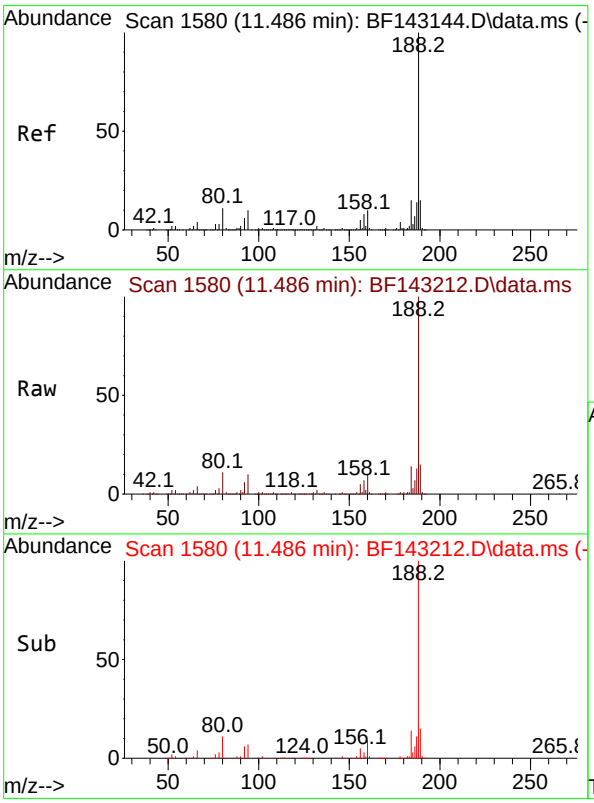
#63
Azobenzene
Concen: 42.462 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion: 77 Resp: 767093

Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.6	44.6
105	21.5	1.4	41.4
51	34.2	13.7	53.7

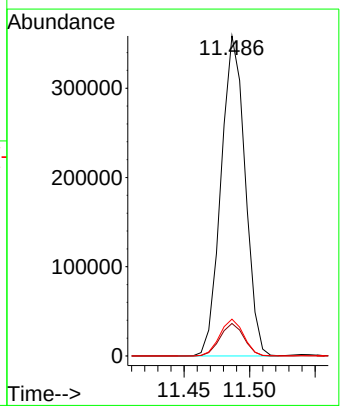


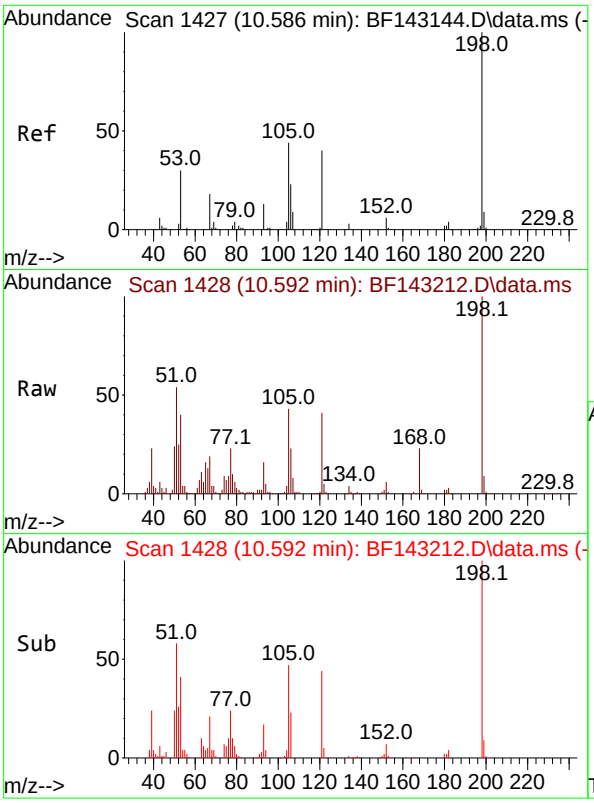


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:188 Resp: 457175

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	11.5	9.0	13.6



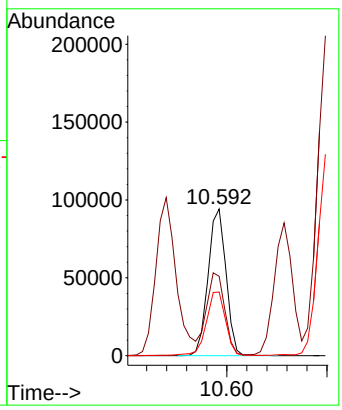


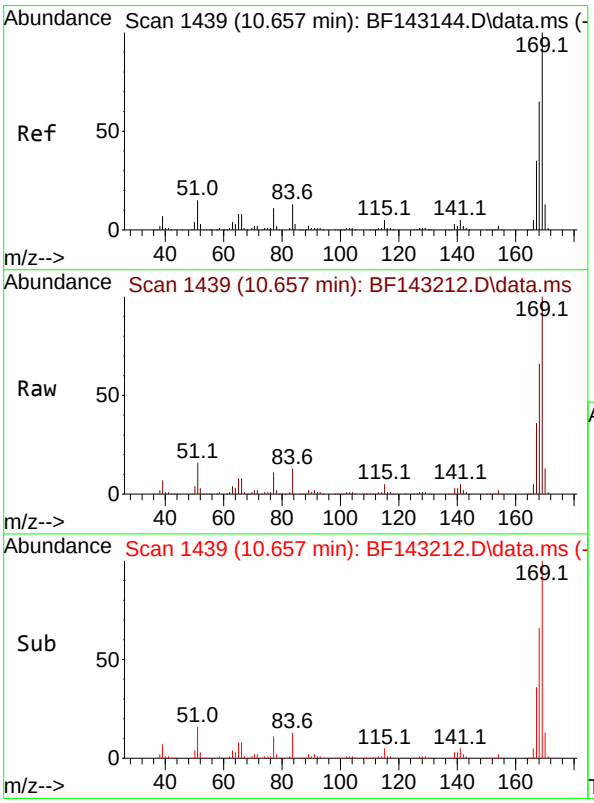
#65
4,6-Dinitro-2-methylphenol
Concen: 48.873 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:198 Resp: 117398

Ion	Ratio	Lower	Upper
198	100		
51	54.1	37.2	77.2
105	43.4	24.8	64.8

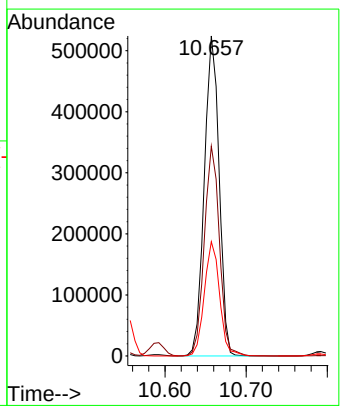


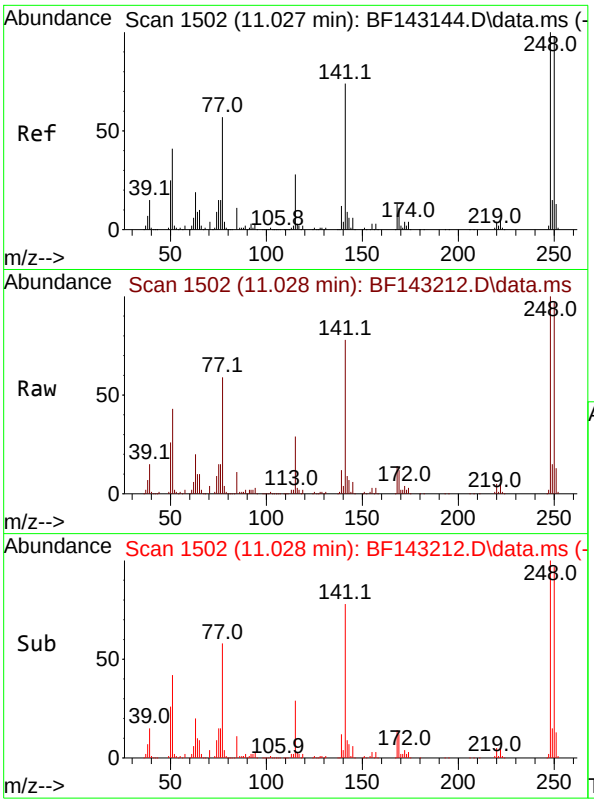


#66
n-Nitrosodiphenylamine
Concen: 41.243 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:169 Resp: 663950

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.7	28.2	42.2



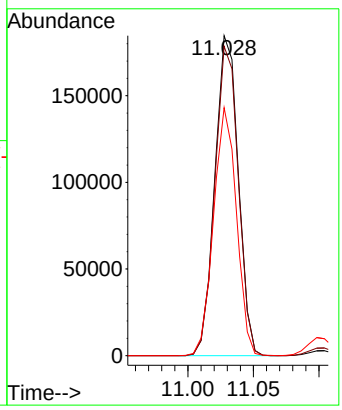


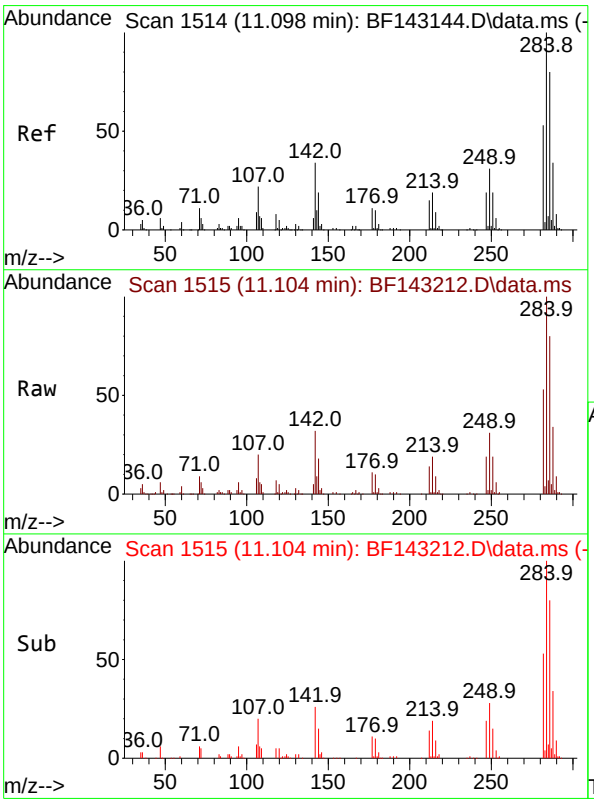
#67
4-Bromophenyl-phenylether
Concen: 42.093 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:248 Resp: 229335

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.3	117.5
141	77.5	59.2	88.8

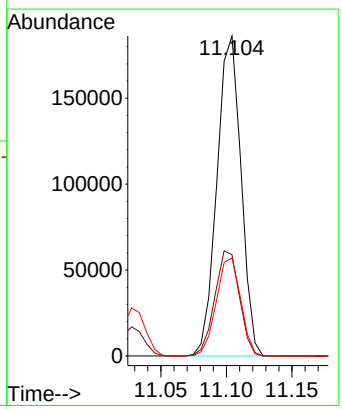


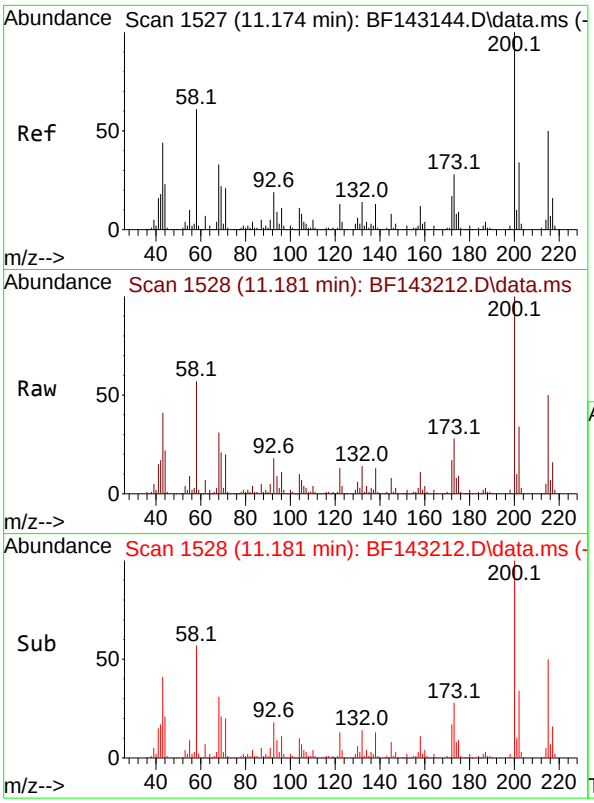


#68
Hexachlorobenzene
Concen: 41.755 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:284 Resp: 237782

Ion	Ratio	Lower	Upper
284	100		
142	31.6	27.0	40.6
249	30.7	25.0	37.6



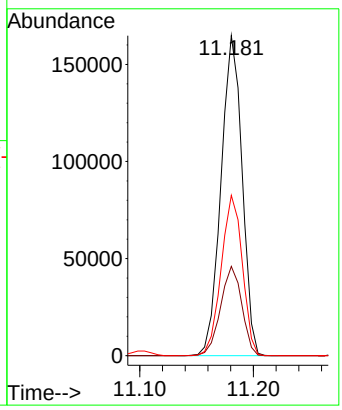


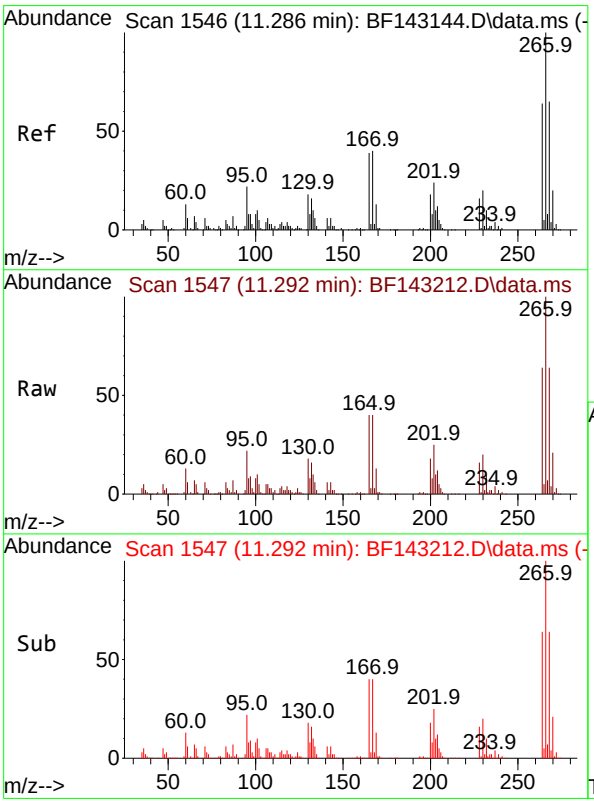
#69
Atrazine
Concen: 47.930 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:200 Resp: 212724

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.1	30.1	70.1

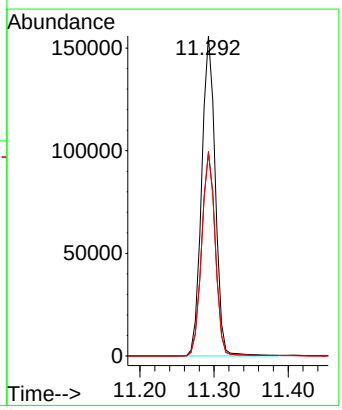


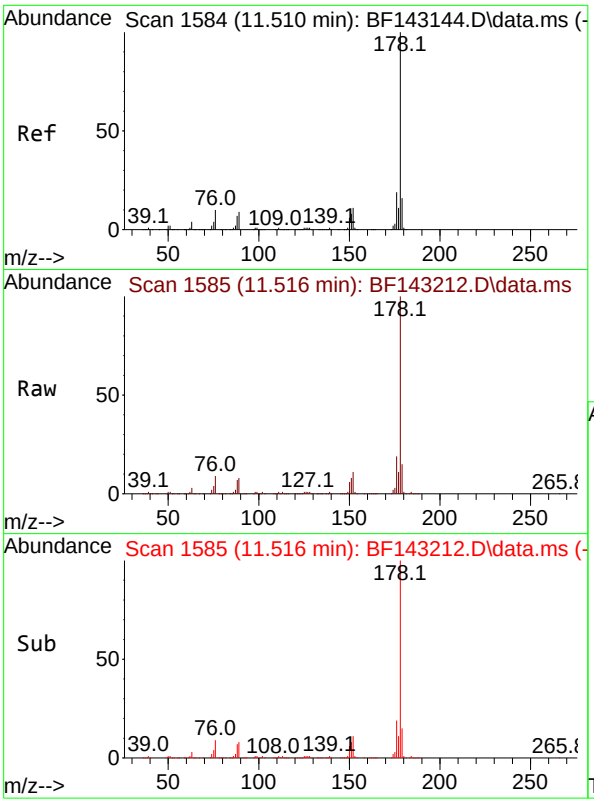


#70
Pentachlorophenol
Concen: 59.697 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:266 Resp: 199919

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.9	77.9
264	63.5	51.0	76.6



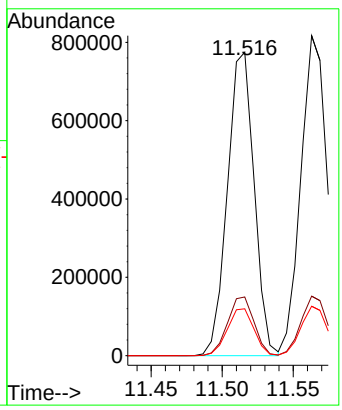


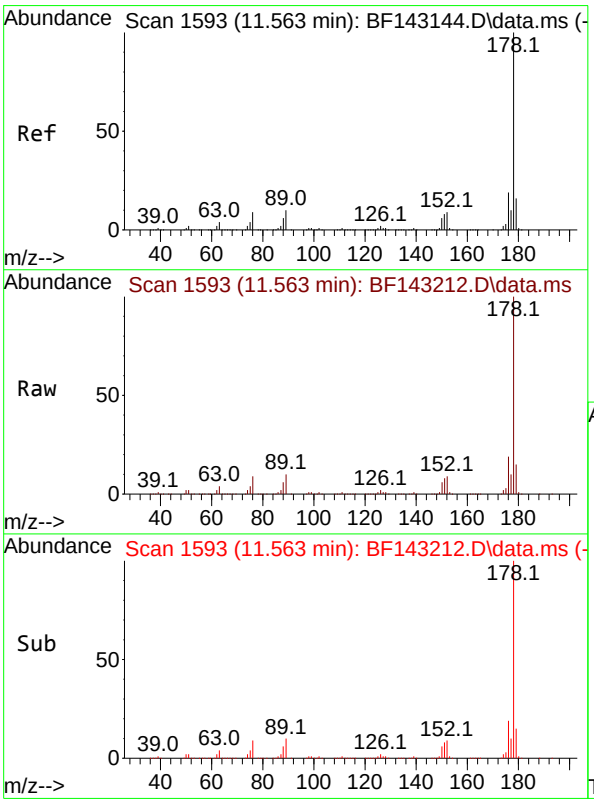
#71
Phenanthrene
Concen: 41.750 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:178 Resp: 1013473

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.5	18.7

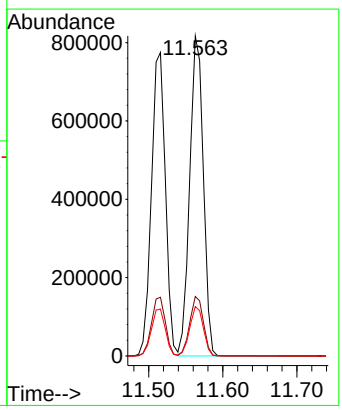


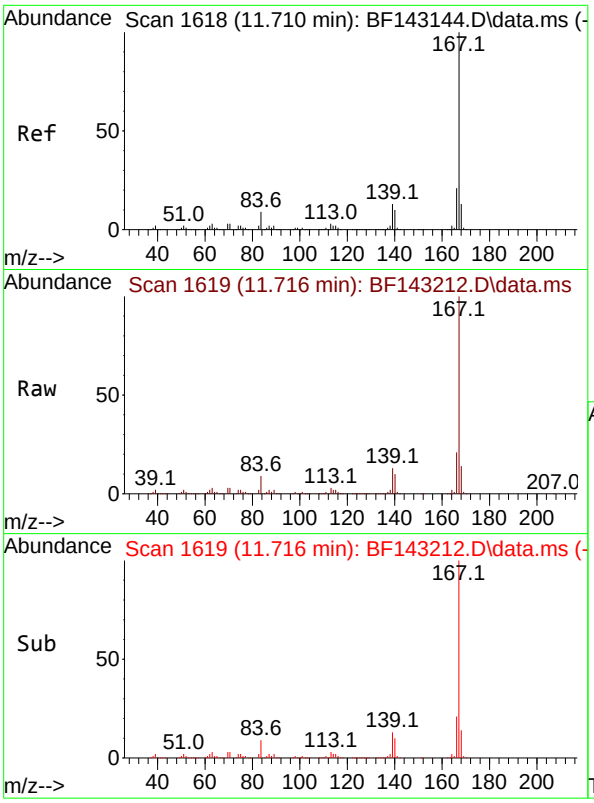


#72
Anthracene
Concen: 42.127 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:178 Resp: 1042962

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.5	18.7



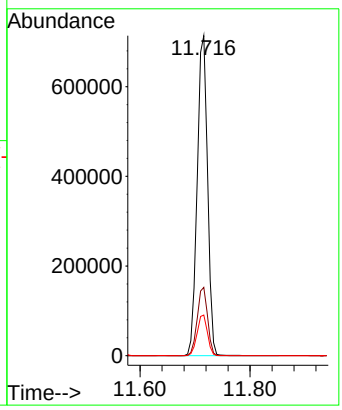


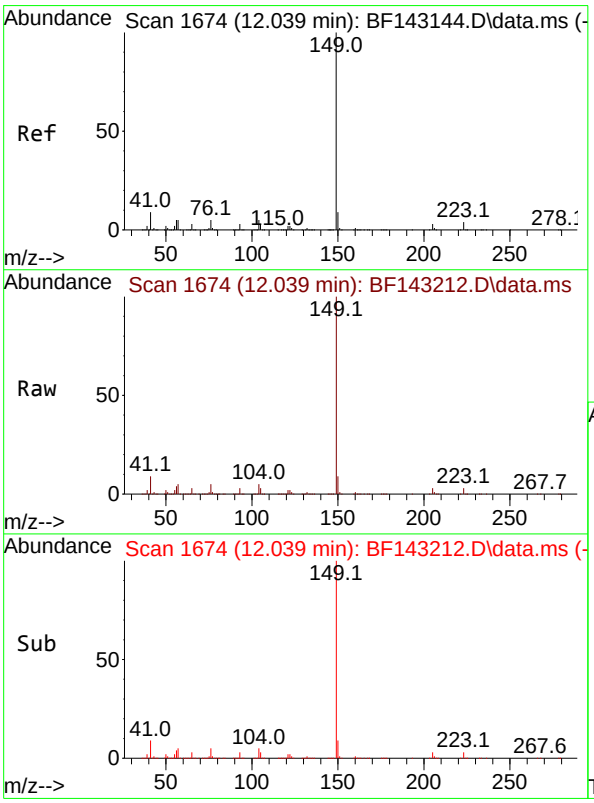
#73
Carbazole
Concen: 43.331 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:167 Resp: 936735

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.7	10.0	15.0

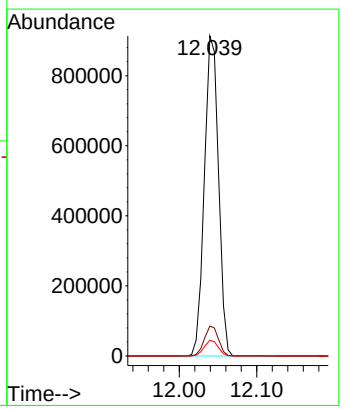


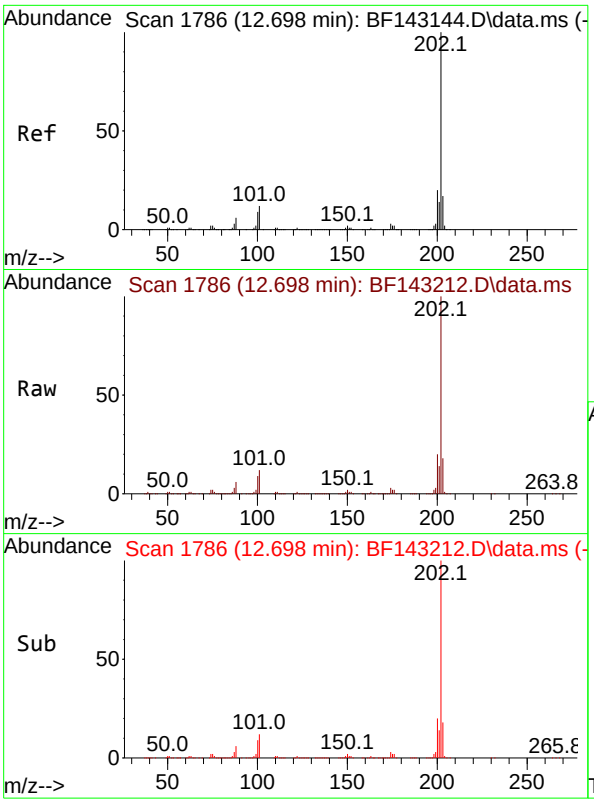


#74
Di-n-butylphthalate
Concen: 47.353 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 1158302

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.9	3.8	5.8



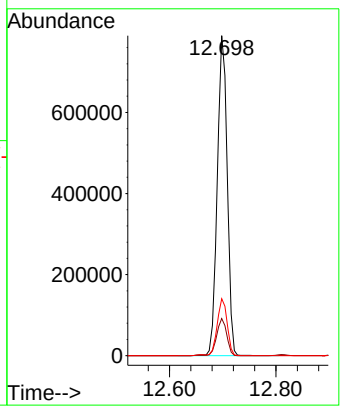


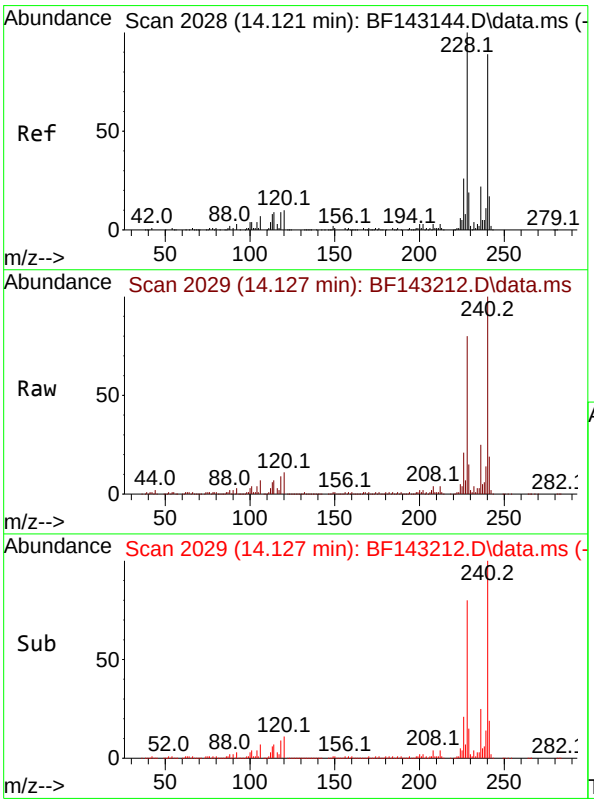
#75
Fluoranthene
Concen: 45.851 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:202 Resp: 1021601

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.8	0.0	37.4

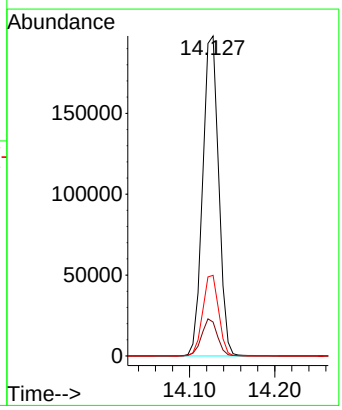


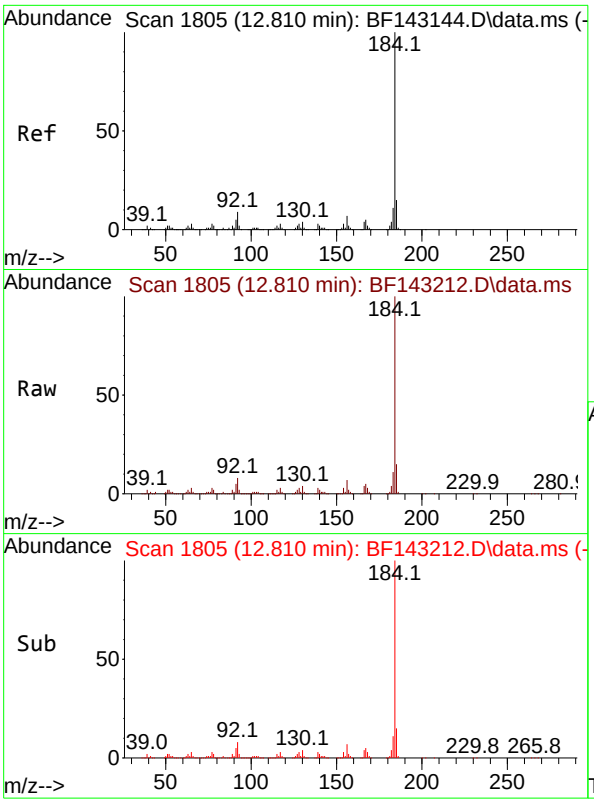


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:240 Resp: 257414

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.4	14.2
236	25.2	20.2	30.4



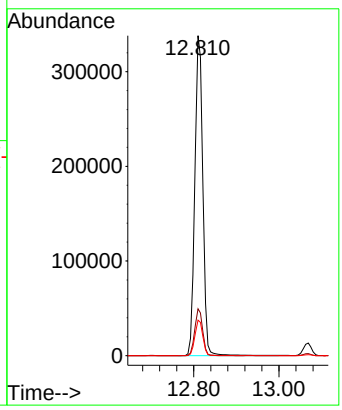


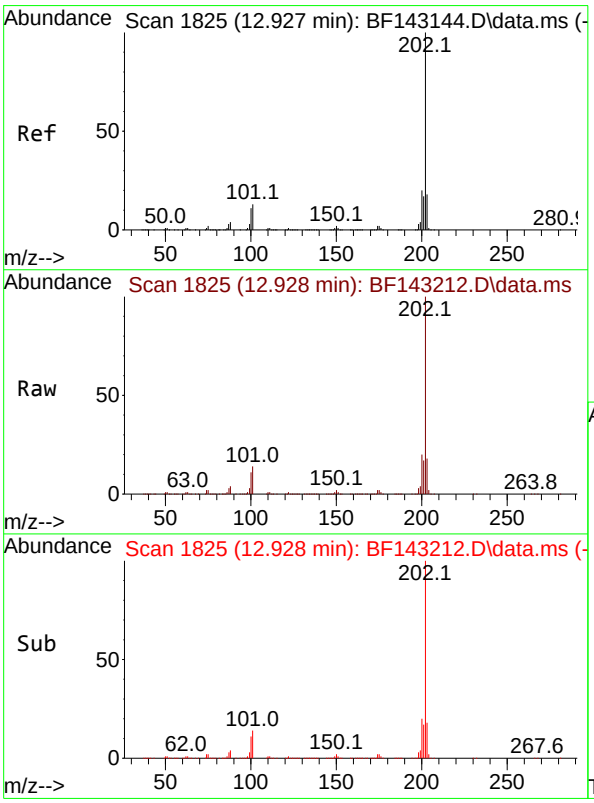
#77
Benzidine
Concen: 44.288 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:184 Resp: 439225

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.4
183	11.1	9.0	13.4

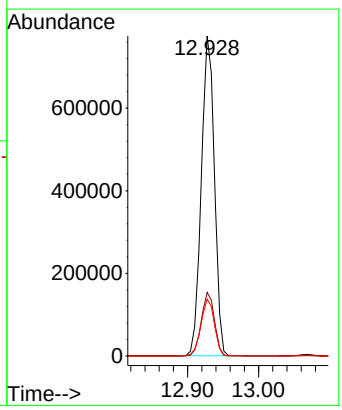


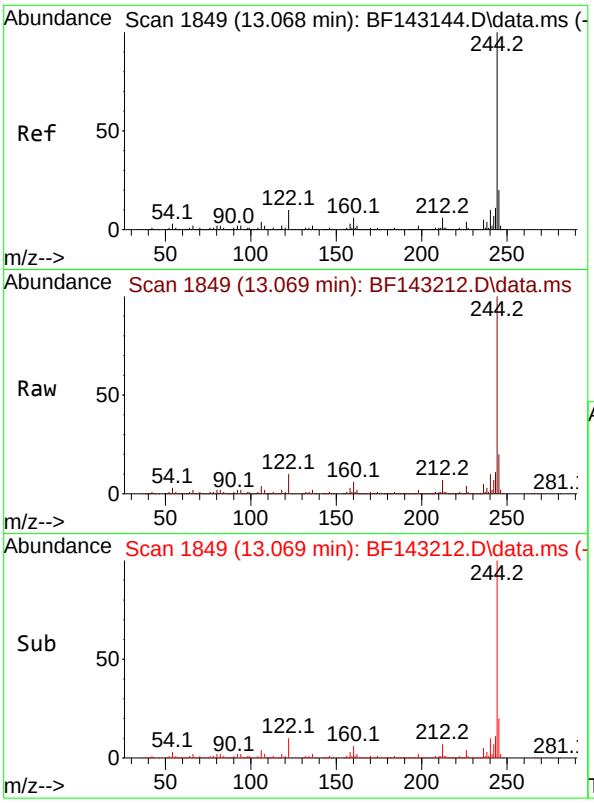


#78
Pyrene
Concen: 45.405 ng
RT: 12.928 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:202 Resp: 997507

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.8	14.2	21.2



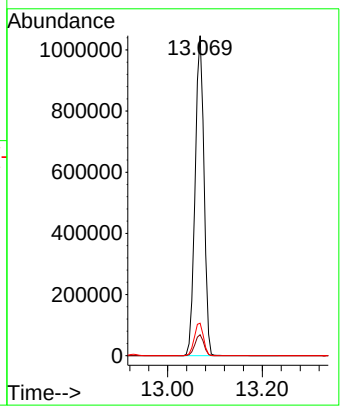


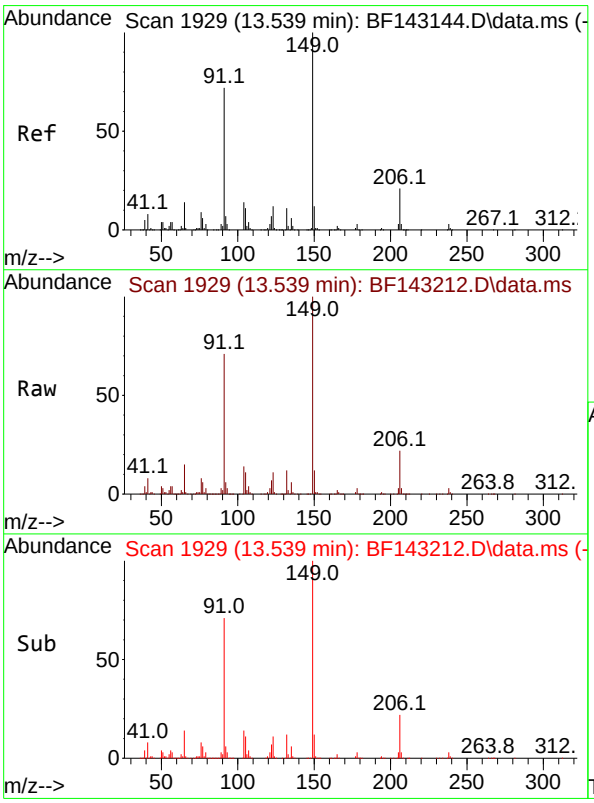
#79
Terphenyl-d14
Concen: 78.664 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:244 Resp: 1360738

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.2	8.2	12.2

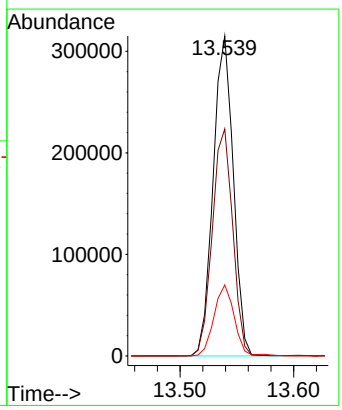


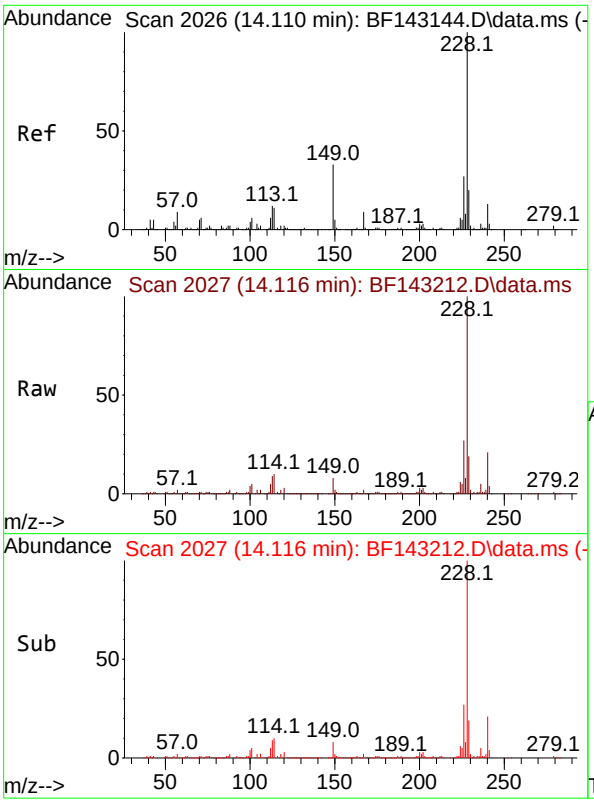


#80
Butylbenzylphthalate
Concen: 57.747 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 388473

Ion	Ratio	Lower	Upper
149	100		
91	71.0	57.9	86.9
206	22.2	17.0	25.4



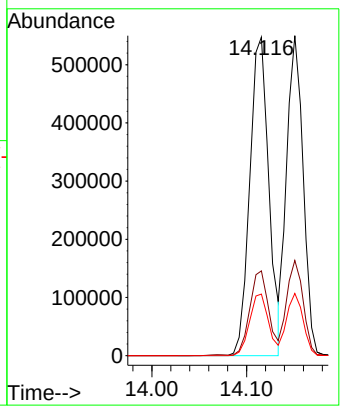


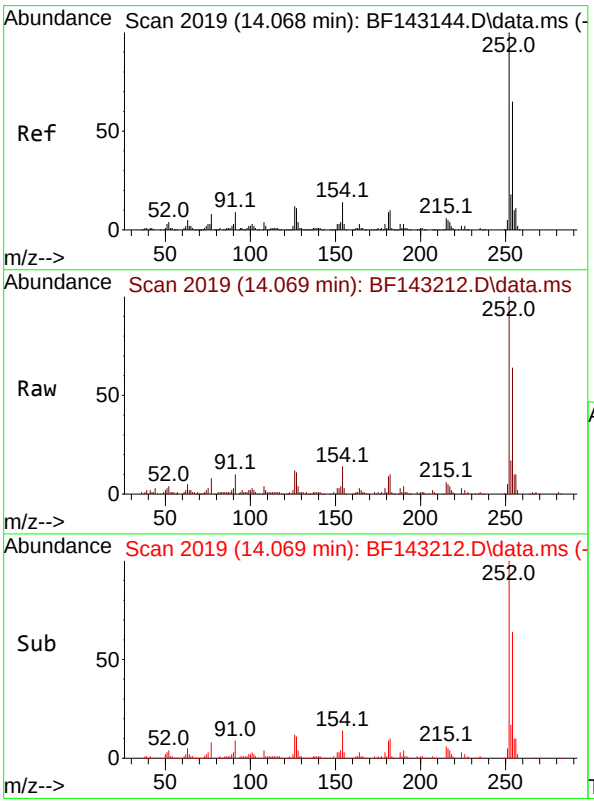
#81
Benzo(a)anthracene
Concen: 44.609 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:228 Resp: 768789

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.4	15.8	23.6

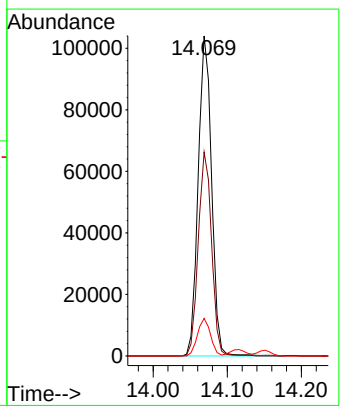


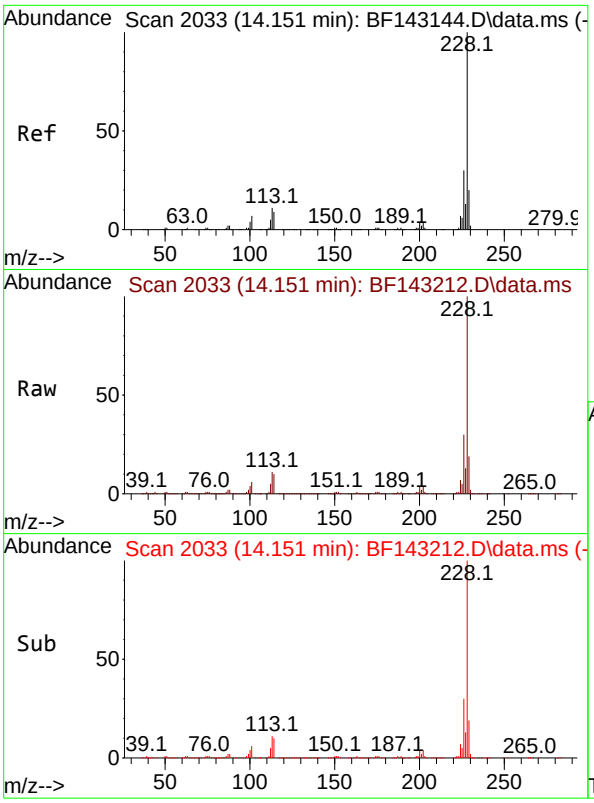


#82
3,3'-Dichlorobenzidine
Concen: 22.706 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 130418

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.7	77.5
126	11.7	9.4	14.0



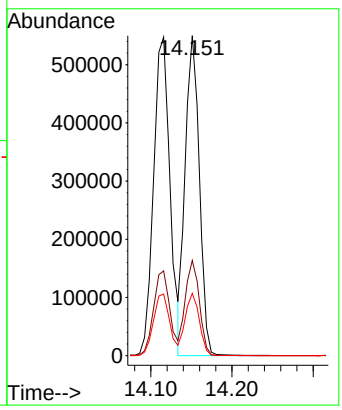


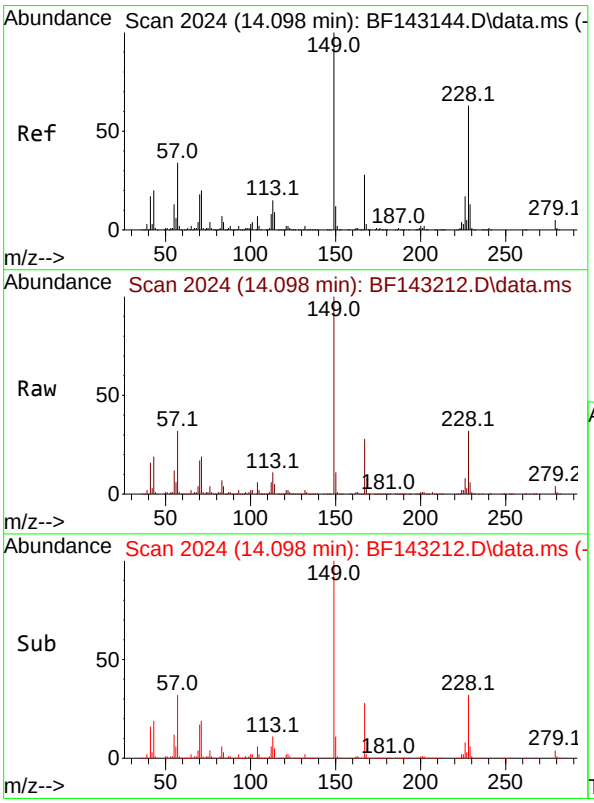
#83
Chrysene
Concen: 43.047 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:228 Resp: 667015

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.6	23.4

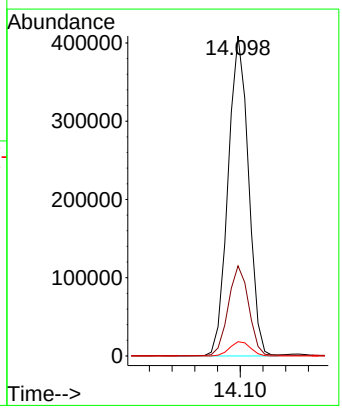


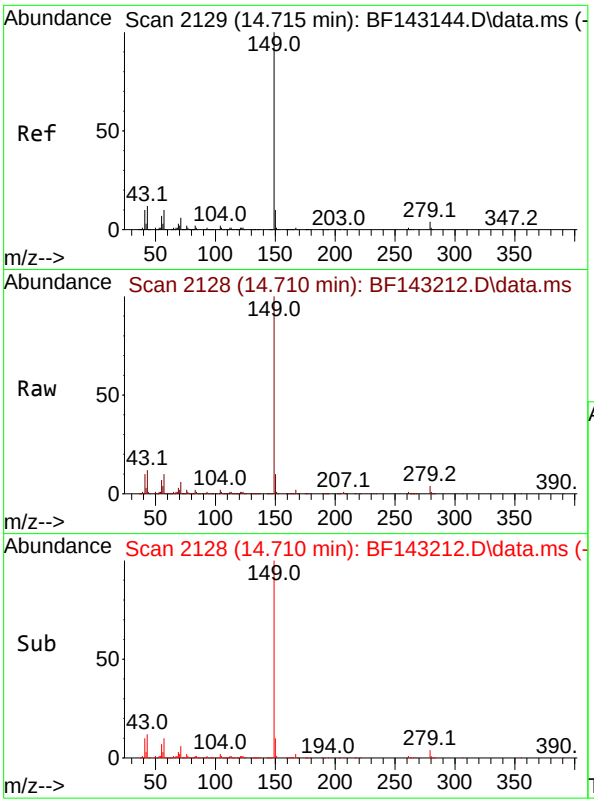


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.052 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 509639

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.5	3.6	5.4



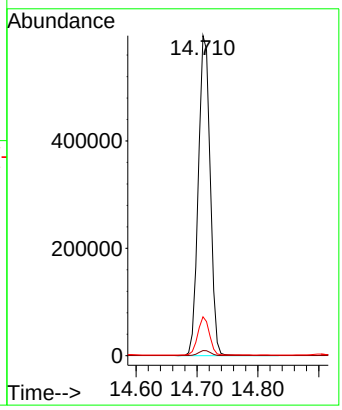


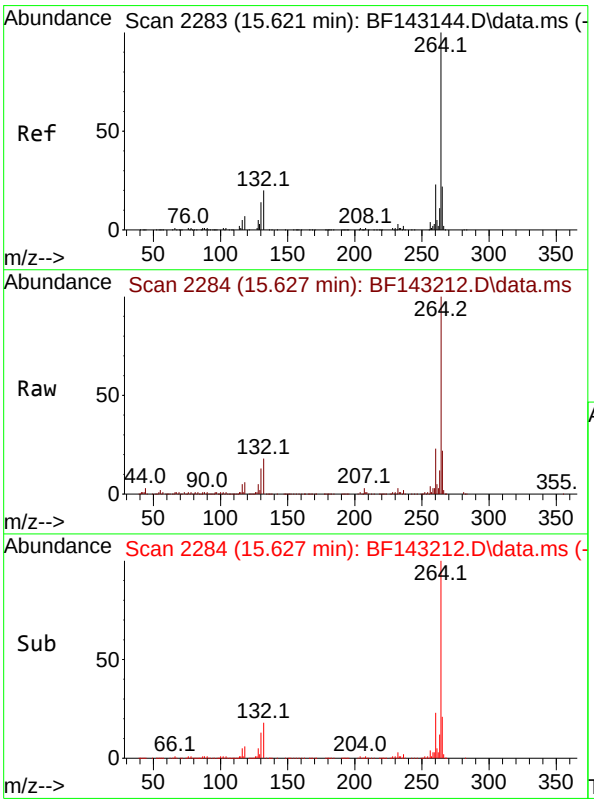
#85
Di-n-octyl phthalate
Concen: 43.453 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:149 Resp: 801994

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.8	9.7	14.5

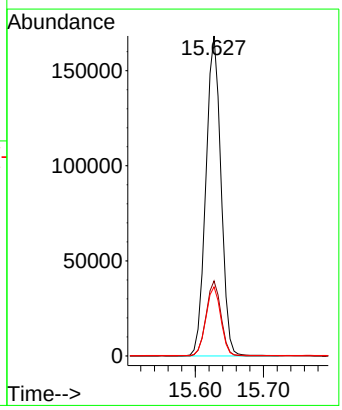


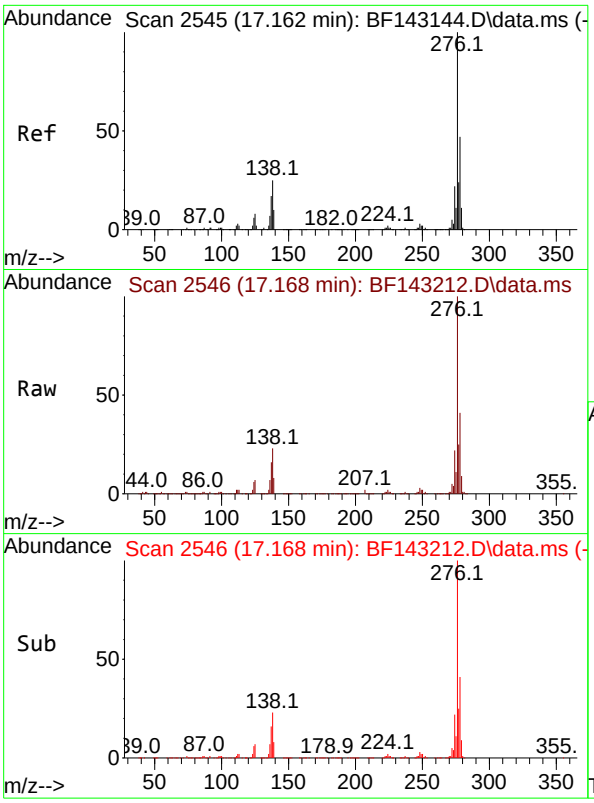


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:264 Resp: 259291

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.6	17.4	26.2



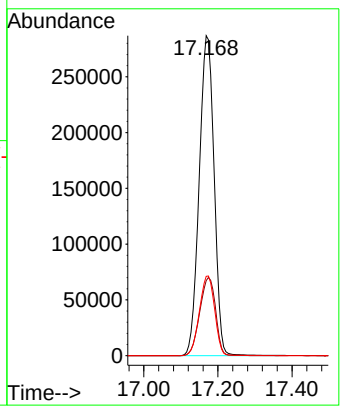


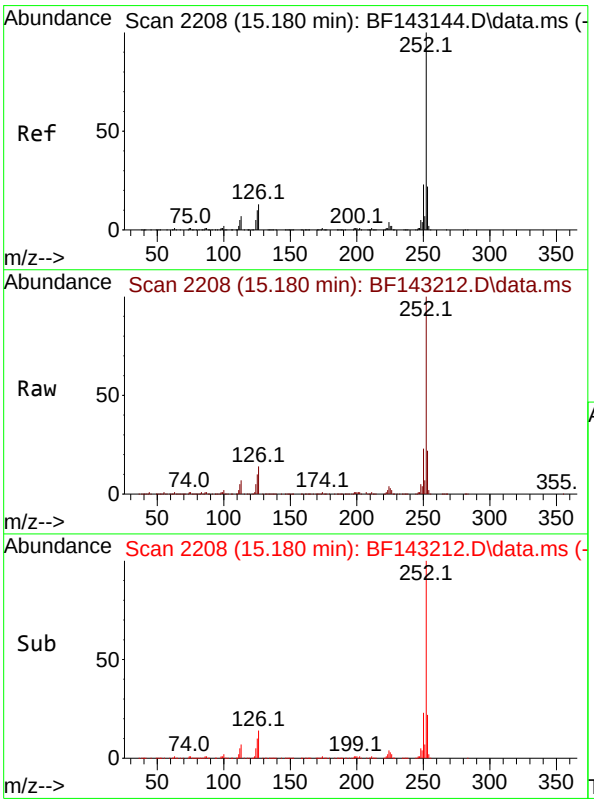
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.816 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:276 Resp: 801110

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.8	32.6
277	25.5	20.0	30.0

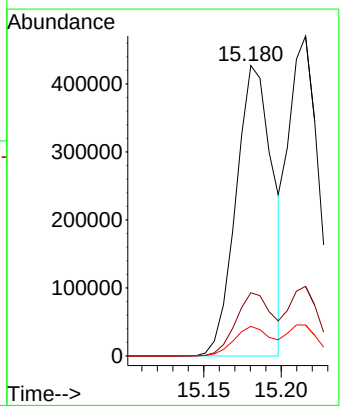


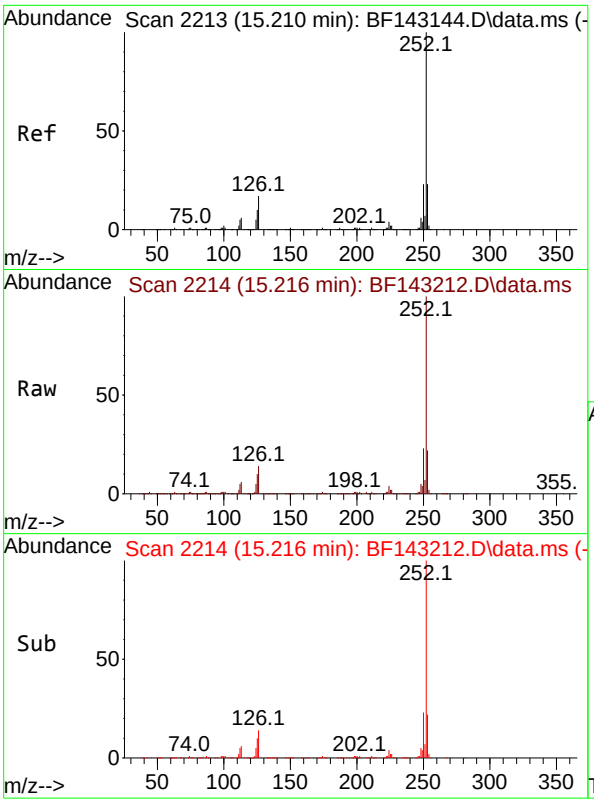


#88
Benzo(b)fluoranthene
Concen: 44.186 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 699919

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.2	8.0	12.0



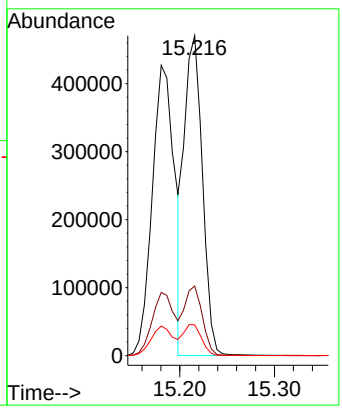


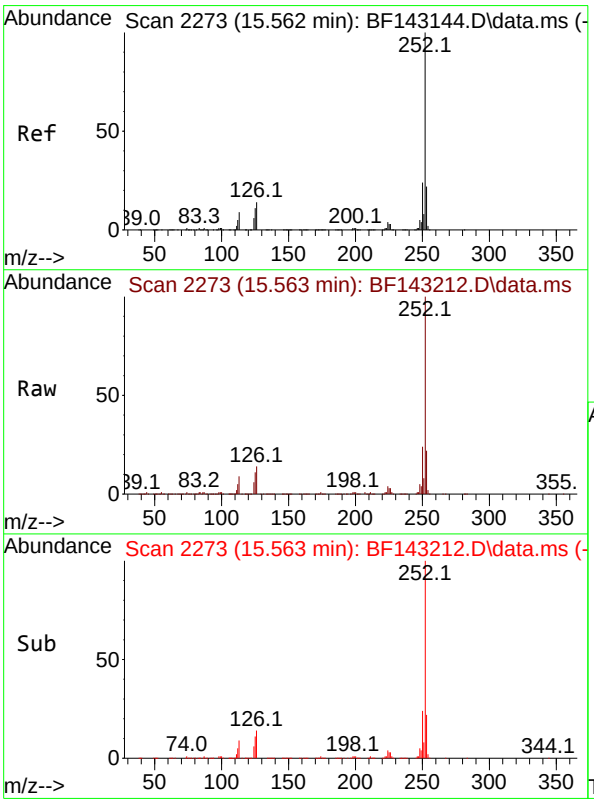
#89
Benzo(k)fluoranthene
Concen: 44.536 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:252 Resp: 629517

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.7	8.1	12.1

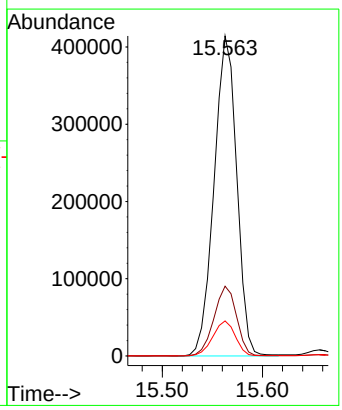


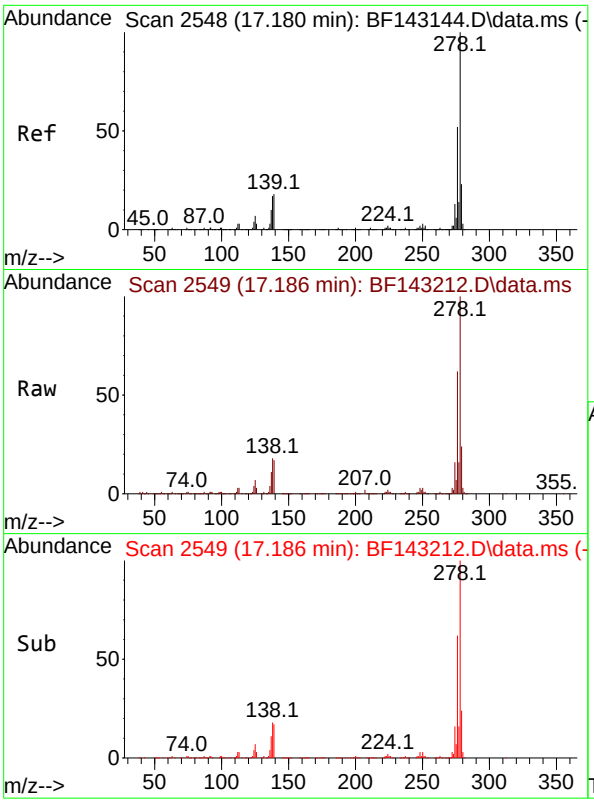


#90
Benzo(a)pyrene
Concen: 44.555 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 650257

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.9	8.6	13.0



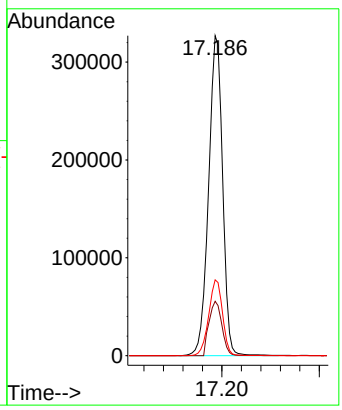


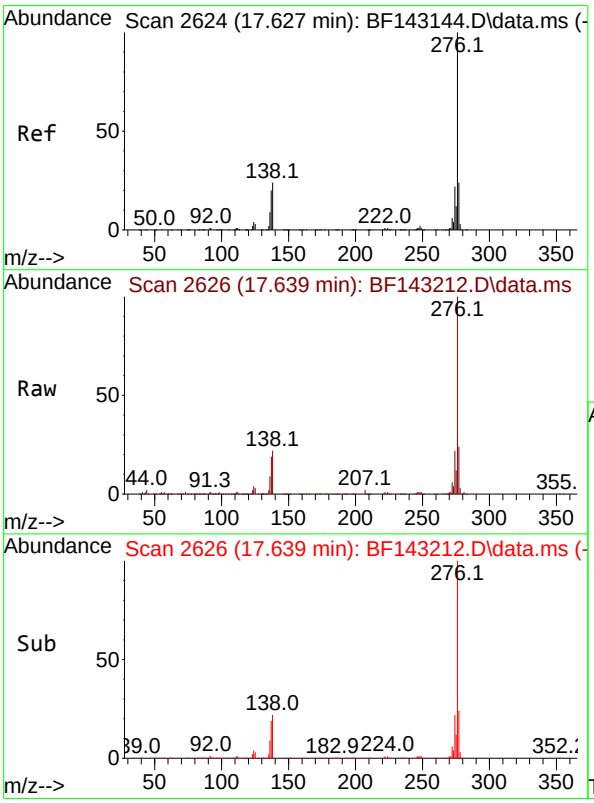
#91
Dibenzo(a,h)anthracene
Concen: 43.731 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB168929BS

Tgt Ion:278 Resp: 650784

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.1	21.1
279	23.7	18.6	28.0

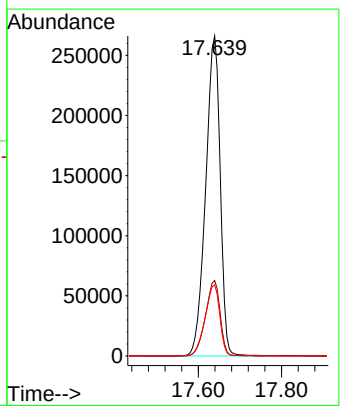




#92
Benzo(g,h,i)perylene
Concen: 44.808 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:276 Resp: 645025

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	22.2	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	501148	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	1993468	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1309068	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2636351	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2873366	20.000	ng		0.01
86) Perylene-d12	24.454	264	3311045	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	306866	10.229	ng		0.00
7) Phenol-d6	6.631	99	369676	9.982	ng		0.00
23) Nitrobenzene-d5	8.560	82	366442	10.078	ng		0.00
42) 2,4,6-Tribromophenol	15.601	330	194693	10.002	ng		-0.01
45) 2-Fluorobiphenyl	12.678	172	1057796	10.698	ng		0.00
79) Terphenyl-d14	19.660	244	1736355	11.285	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.120	88	58261	5.168	ng		98
3) Pyridine	3.502	79	152389	5.103	ng		98
4) n-Nitrosodimethylamine	3.408	42	57522	4.881	ng	#	95
6) Aniline	6.778	93	240191	4.987	ng		100
8) 2-Chlorophenol	7.008	128	168204	4.983	ng		100
9) Benzaldehyde	6.590	77	126790	4.791	ng		96
10) Phenol	6.655	94	191463	4.997	ng		100
11) bis(2-Chloroethyl)ether	6.878	93	147992	5.030	ng		99
12) 1,3-Dichlorobenzene	7.325	146	195840	5.114	ng		100
13) 1,4-Dichlorobenzene	7.466	146	197217	5.103	ng		100
14) 1,2-Dichlorobenzene	7.772	146	192220	5.177	ng		99
15) Benzyl Alcohol	7.666	79	126655	4.771	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.955	45	190207	5.040	ng		99
17) 2-Methylphenol	7.878	107	130912	4.939	ng		100
18) Hexachloroethane	8.484	117	66324	5.026	ng		96
19) n-Nitroso-di-n-propyla...	8.225	70	113871	5.102	ng		96
20) 3+4-Methylphenols	8.196	107	180538	4.987	ng		99
22) Acetophenone	8.237	105	238513	5.052	ng		99
24) Nitrobenzene	8.602	77	160535	4.982	ng		97
25) Isophorone	9.125	82	323606	5.082	ng		99
26) 2-Nitrophenol	9.302	139	86302	4.758	ng		96
27) 2,4-Dimethylphenol	9.378	122	152482	4.939	ng		96
28) bis(2-Chloroethoxy)met...	9.607	93	203537	5.091	ng		100
29) 2,4-Dichlorophenol	9.831	162	156480	4.941	ng		99
30) 1,2,4-Trichlorobenzene	10.043	180	178685	5.128	ng		99
31) Naphthalene	10.219	128	537289	5.175	ng		100
32) Benzoic acid	9.449	122	83493	3.703	ng		98
33) 4-Chloroaniline	10.337	127	227222	5.041	ng		99
34) Hexachlorobutadiene	10.519	225	106389	5.084	ng		99
35) Caprolactam	11.102	113	52301	5.018	ng		94
36) 4-Chloro-3-methylphenol	11.478	107	156207	4.939	ng		99
37) 2-Methylnaphthalene	11.854	142	342320	5.098	ng		99
38) 1-Methylnaphthalene	12.078	142	365319	5.158	ng		100
40) 1,2,4,5-Tetrachloroben...	12.231	216	199889	5.042	ng		99
41) Hexachlorocyclopentadiene	12.219	237	80837	3.596	ng		97
43) 2,4,6-Trichlorophenol	12.484	196	127876	4.774	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	143015	4.844	ng		99
46) 1,1'-Biphenyl	12.896	154	498351	5.148	ng		98
47) 2-Chloronaphthalene	12.931	162	384841	5.132	ng		99
48) 2-Nitroaniline	13.137	65	87405	4.646	ng		99
49) Acenaphthylene	13.790	152	618618	5.030	ng		100
50) Dimethylphthalate	13.543	163	495773	5.191	ng		99
51) 2,6-Dinitrotoluene	13.648	165	95645	4.731	ng		91
52) Acenaphthene	14.148	154	362769	5.121	ng		100
53) 3-Nitroaniline	13.984	138	107353	4.706	ng		96
54) 2,4-Dinitrophenol	14.195	184	36007	3.178	ng		95
55) Dibenzofuran	14.490	168	599358	5.225	ng		98
56) 4-Nitrophenol	14.325	139	89182	4.587	ng		97
57) 2,4-Dinitrotoluene	14.448	165	129201	4.587	ng		97
58) Fluorene	15.154	166	480256	5.250	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	129817	4.967	ng		99
60) Diethylphthalate	14.948	149	487535	5.166	ng		100
61) 4-Chlorophenyl-phenyle...	15.154	204	242941	5.269	ng		99
62) 4-Nitroaniline	15.160	138	109472	4.709	ng		98
63) Azobenzene	15.460	77	379326	5.004	ng		97
65) 4,6-Dinitro-2-methylph...	15.242	198	57466	3.482	ng		93
66) n-Nitrosodiphenylamine	15.384	169	419927	5.115	ng		100
67) 4-Bromophenyl-phenylether	16.084	248	154137	4.959	ng		100
68) Hexachlorobenzene	16.189	284	186075	5.013	ng		96
69) Atrazine	16.366	200	146525	4.896	ng		98
70) Pentachlorophenol	16.548	266	111990	4.533	ng		99
71) Phenanthrene	16.936	178	763302	5.196	ng		99
72) Anthracene	17.031	178	751628	5.040	ng		99
73) Carbazole	17.313	167	721457	5.085	ng		99
74) Di-n-butylphthalate	17.942	149	832835	5.006	ng		99
75) Fluoranthene	19.048	202	889535	5.122	ng		99
77) Benzidine	19.248	184	484809	4.417	ng		99
78) Pyrene	19.425	202	945415	5.177	ng		99
80) Butylbenzylphthalate	20.407	149	400726	4.973	ng		98
81) Benzo(a)anthracene	21.319	228	961933	5.147	ng		99
82) 3,3'-Dichlorobenzidine	21.242	252	379737	4.955	ng		98
83) Chrysene	21.377	228	900450	5.166	ng		99
84) Bis(2-ethylhexyl)phtha...	21.301	149	594951	5.064	ng		98
85) Di-n-octyl phthalate	22.507	149	997628	4.872	ng		100
87) Indeno(1,2,3-cd)pyrene	27.971	276	1051142	4.319	ng	#	95
88) Benzo(b)fluoranthene	23.466	252	993434	5.145	ng		99
89) Benzo(k)fluoranthene	23.536	252	985473	5.140	ng		99
90) Benzo(a)pyrene	24.307	252	947324	5.054	ng		99
91) Dibenzo(a,h)anthracene	28.042	278	1006331	5.042	ng		98
92) Benzo(g,h,i)perylene	29.036	276	1002521	5.127	ng		99

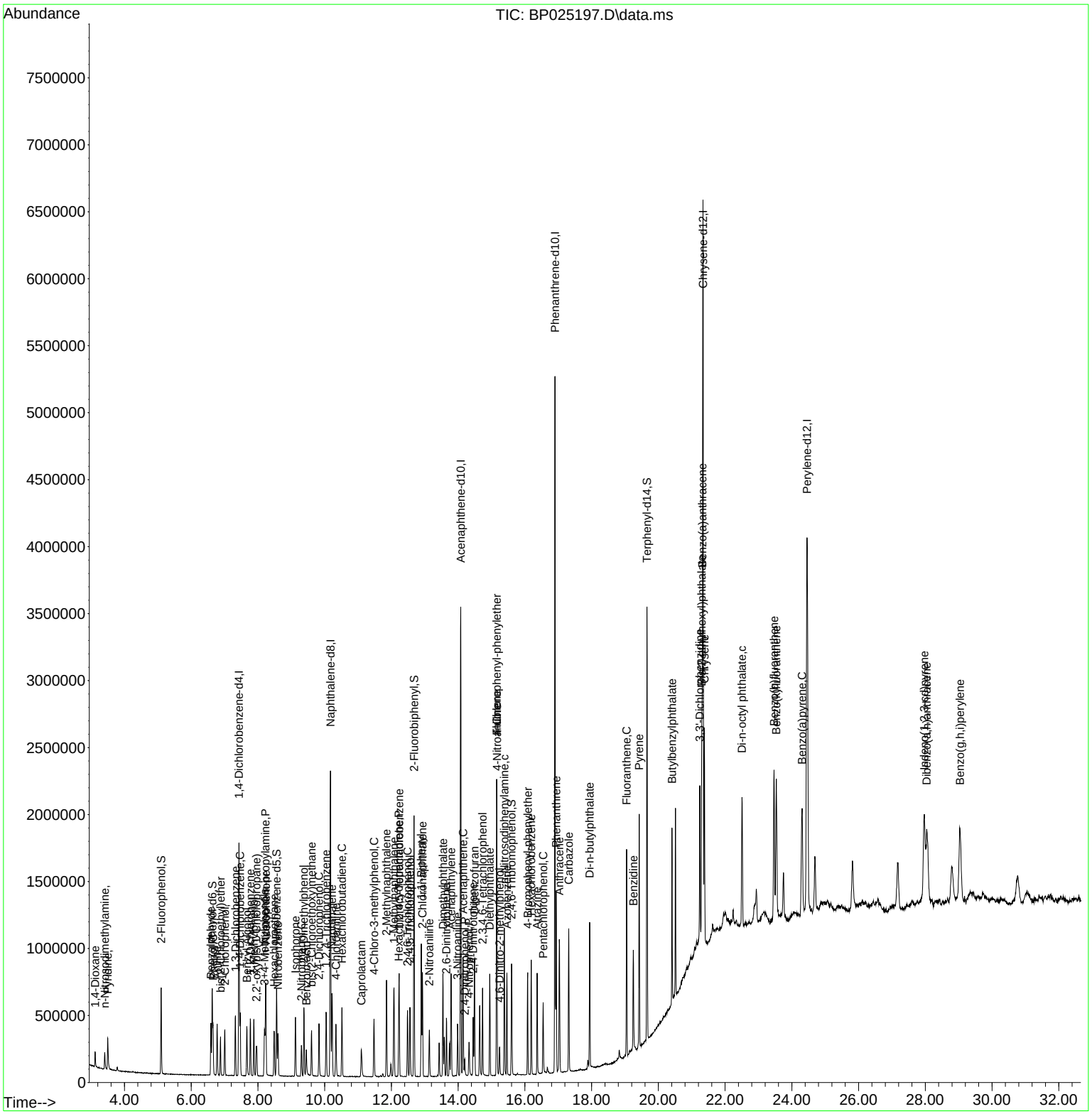
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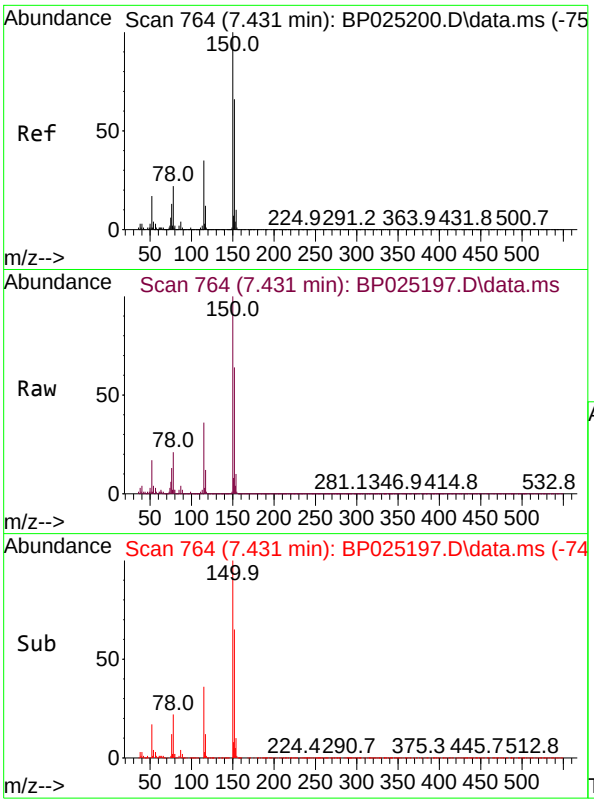
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



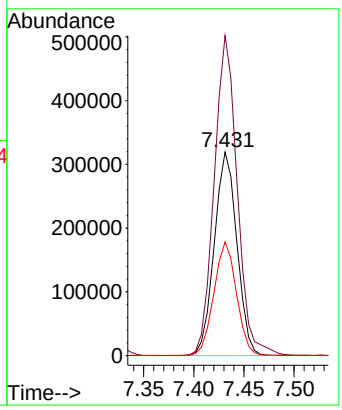


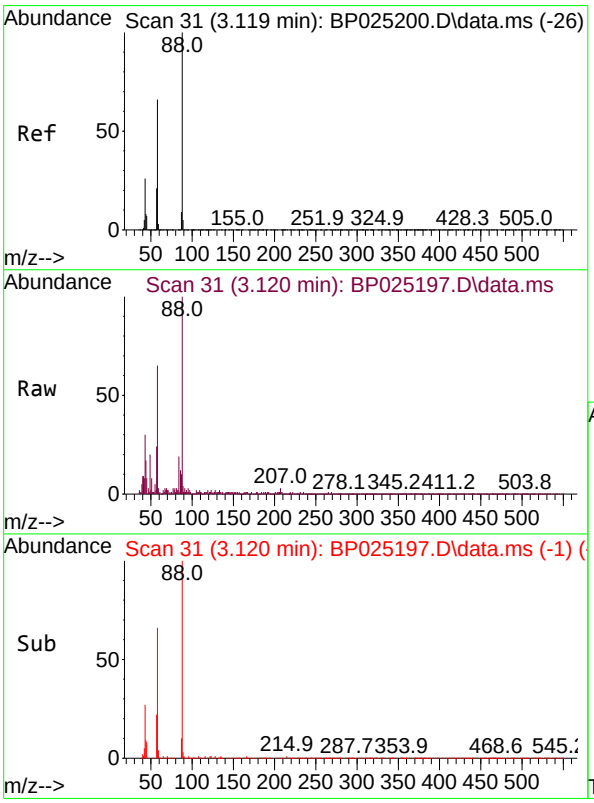
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 501148

Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.9	182.9
115	55.9	43.0	64.6

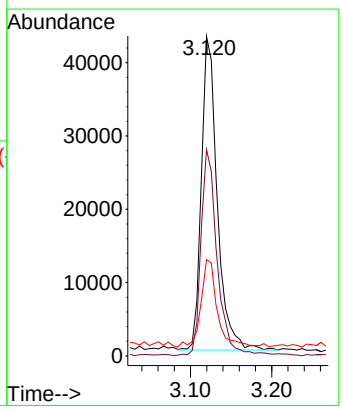


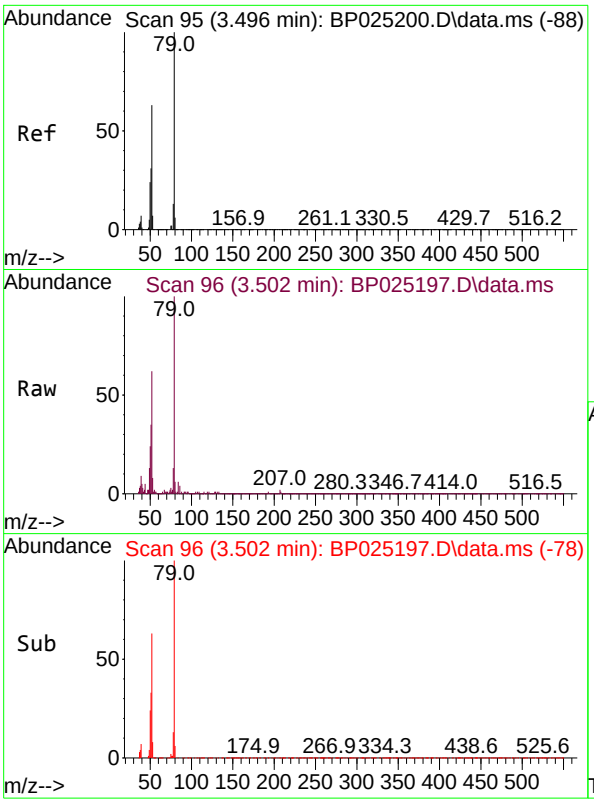


#2
1,4-Dioxane
Concen: 5.168 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 88 Resp: 58261

Ion	Ratio	Lower	Upper
88	100		
58	66.5	53.5	80.3
43	28.5	20.8	31.2



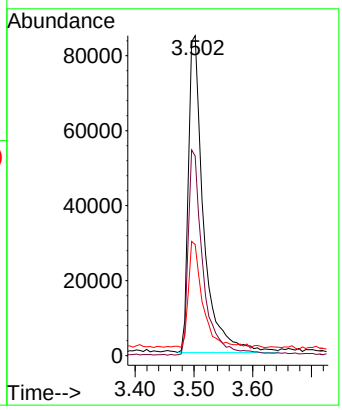


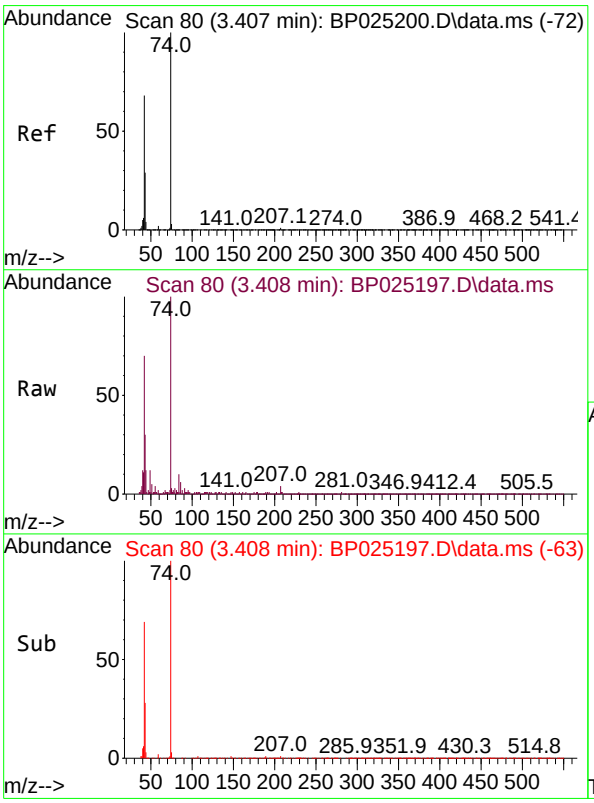
#3
Pyridine
Concen: 5.103 ng
RT: 3.502 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 152389

Ion	Ratio	Lower	Upper
79	100		
52	62.4	50.2	75.4
51	34.7	25.0	37.4

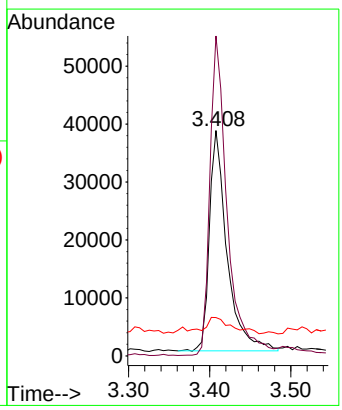


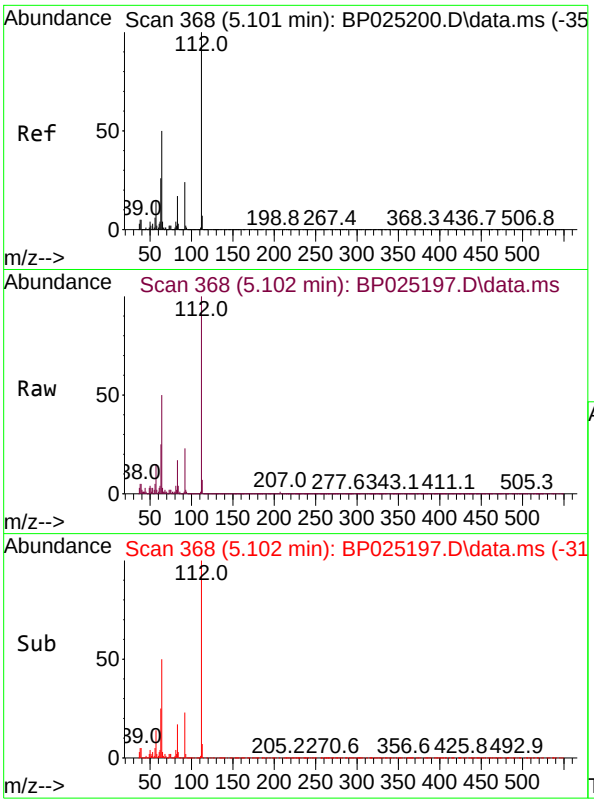


#4
n-Nitrosodimethylamine
Concen: 4.881 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 42 Resp: 57522

Ion	Ratio	Lower	Upper
42	100		
74	142.0	118.0	177.0
44	17.0	5.5	8.3#



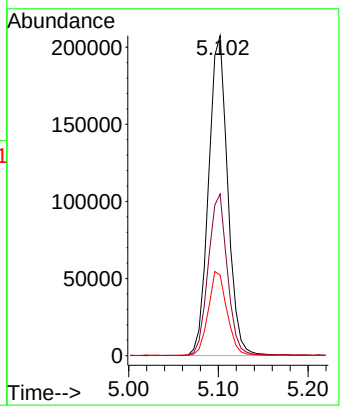


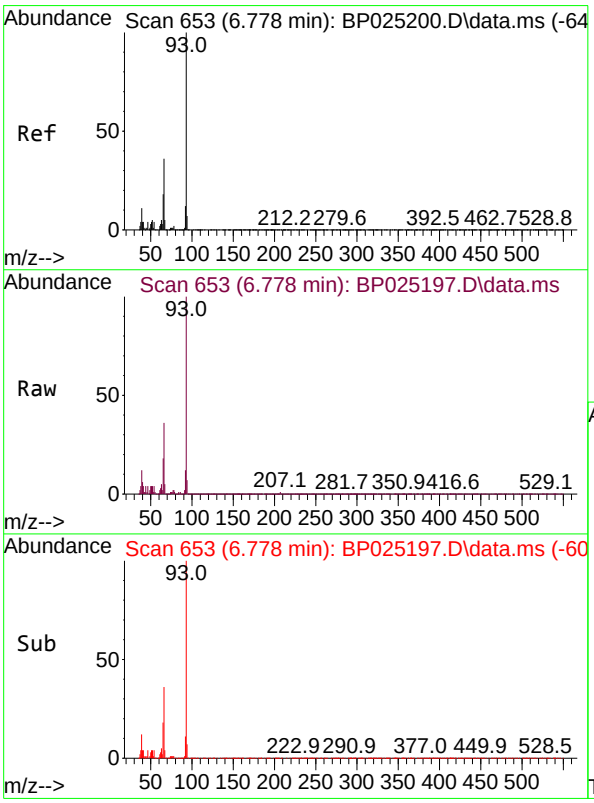
#5
2-Fluorophenol
Concen: 10.229 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 306866

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.8	59.6
63	25.2	20.5	30.7

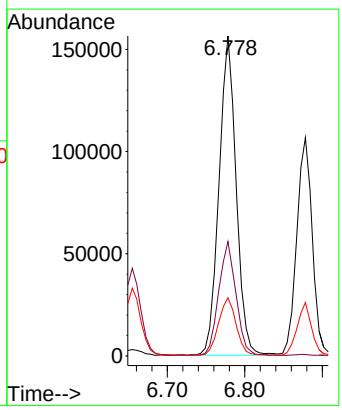


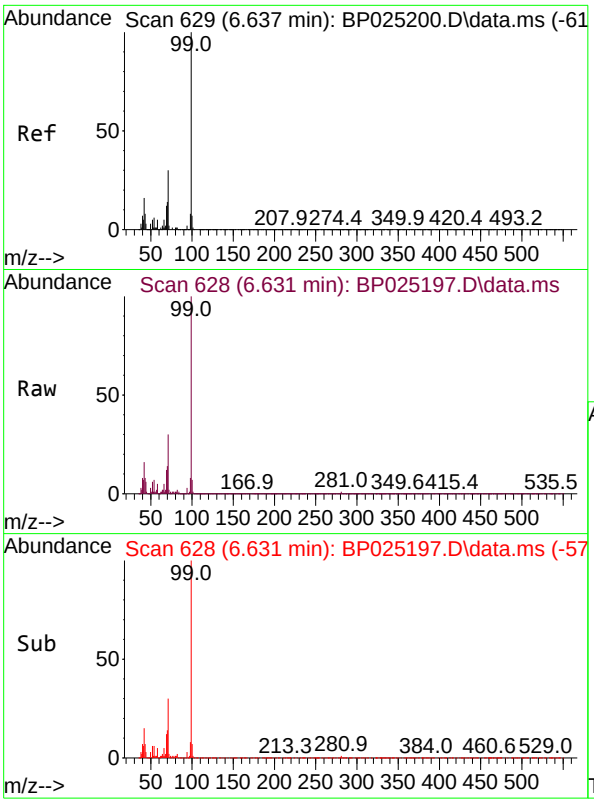


#6
Aniline
Concen: 4.987 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 240191

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.1	14.6	21.8



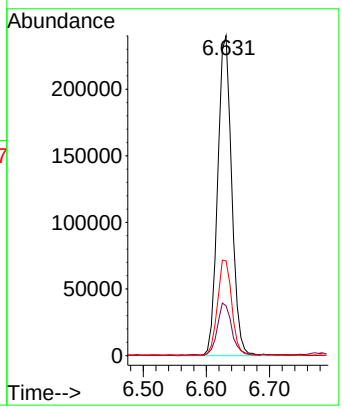


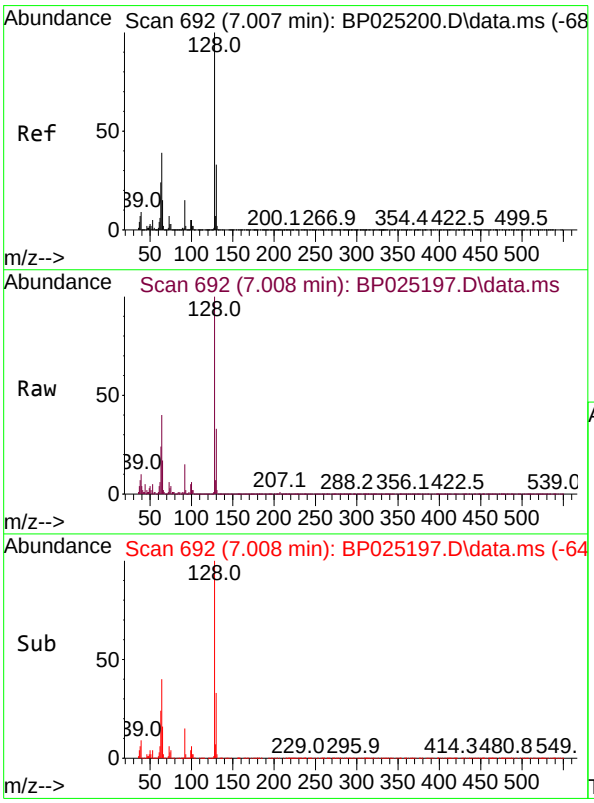
#7
Phenol-d6
Concen: 9.982 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 369676

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	29.6	24.2	36.2

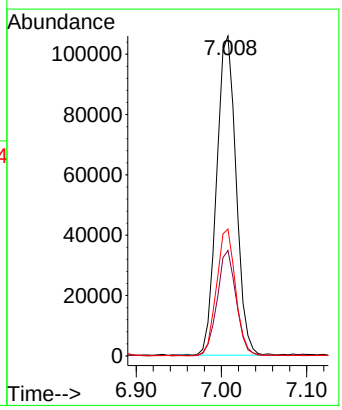


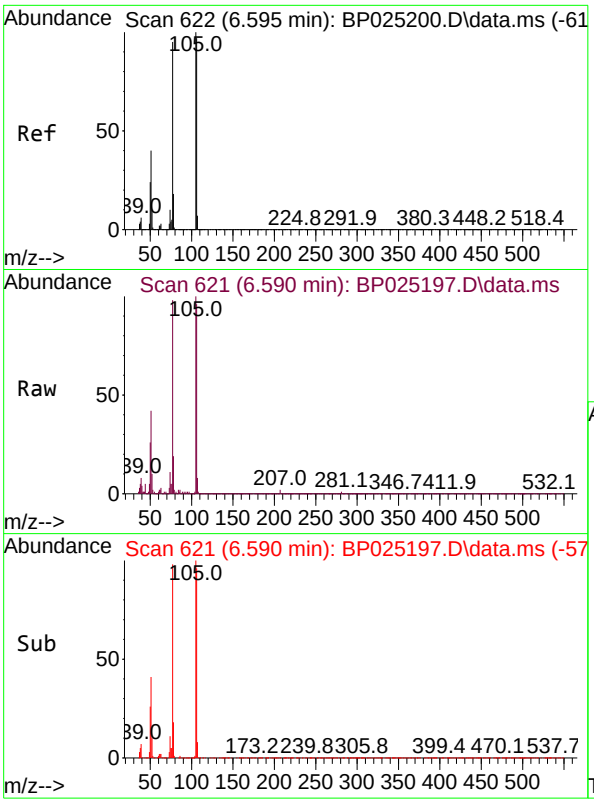


#8
2-Chlorophenol
Concen: 4.983 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:128 Resp: 168204

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	39.6	19.2	59.2



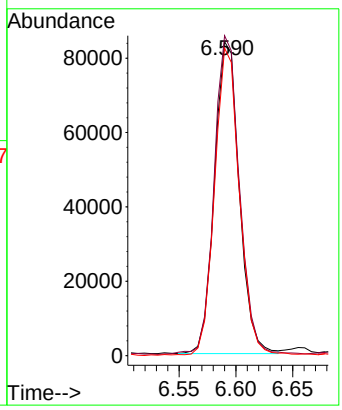


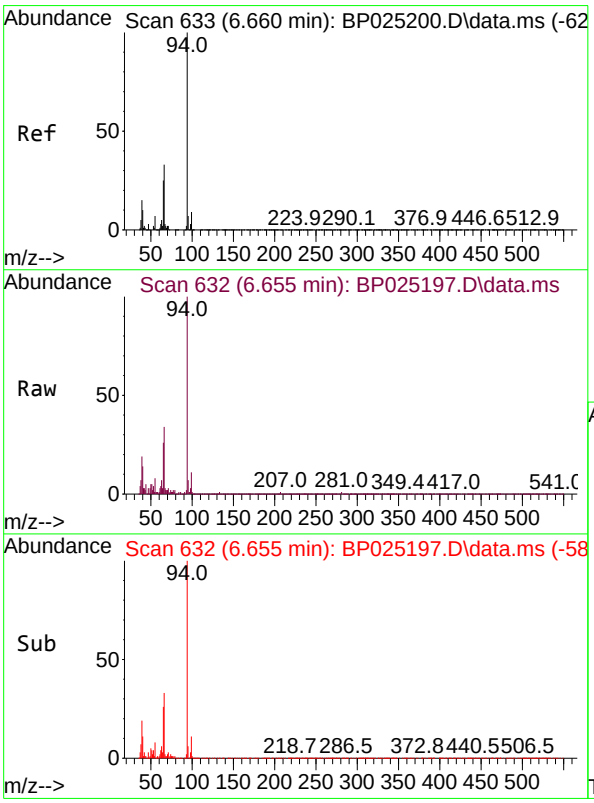
#9
Benzaldehyde
Concen: 4.791 ng
RT: 6.590 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 126790

Ion	Ratio	Lower	Upper
77	100		
105	102.0	85.5	125.5
106	98.0	81.9	121.9

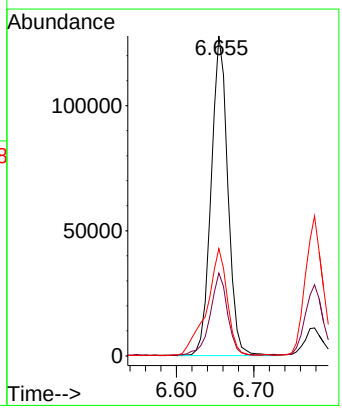


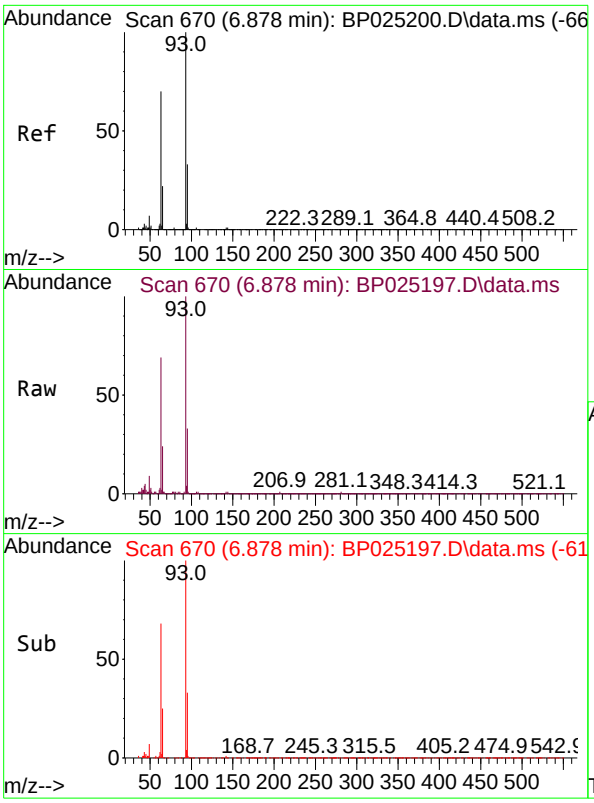


#10
Phenol
Concen: 4.997 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 94 Resp: 191463

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.4	45.4
66	33.5	13.5	53.5



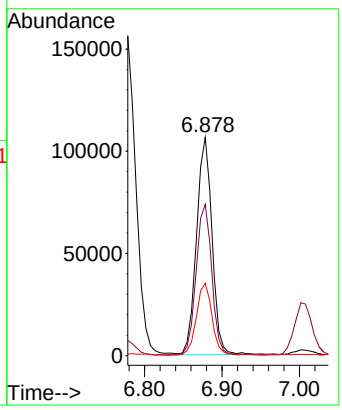


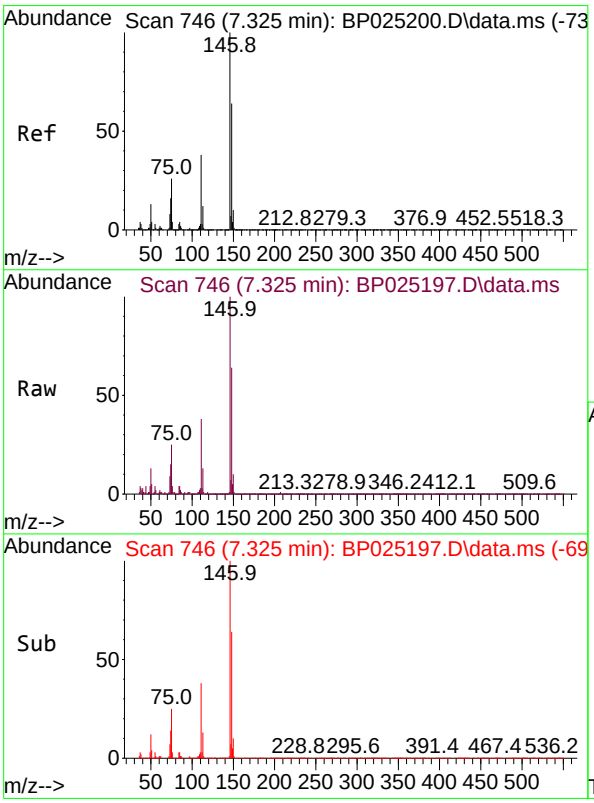
#11
bis(2-Chloroethyl)ether
Concen: 5.030 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 147992

Ion	Ratio	Lower	Upper
93	100		
63	69.3	50.0	90.0
95	33.1	12.9	52.9

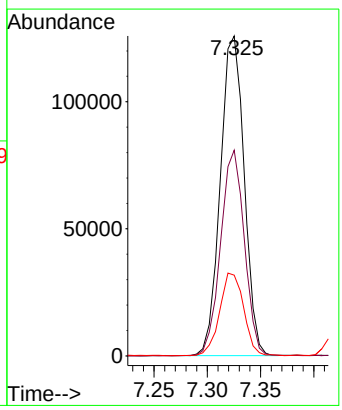


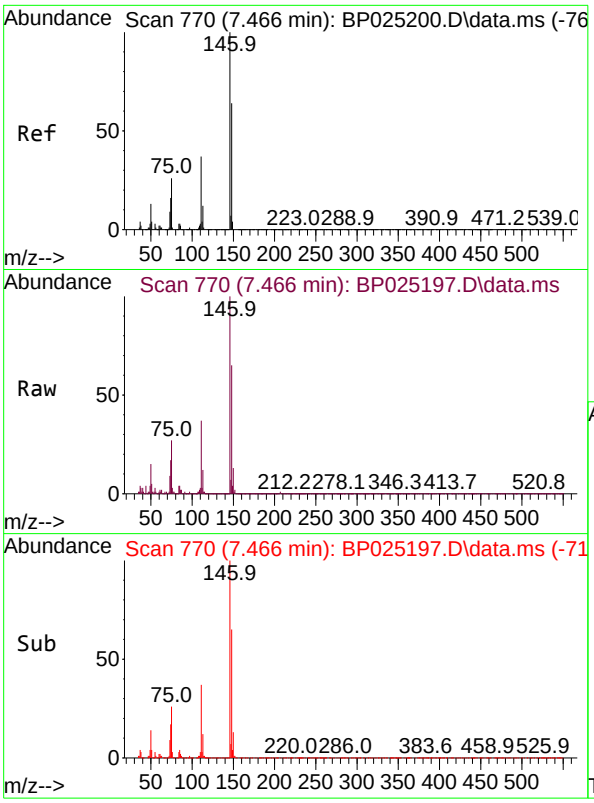


#12
1,3-Dichlorobenzene
Concen: 5.114 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 195840

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	25.2	20.6	31.0



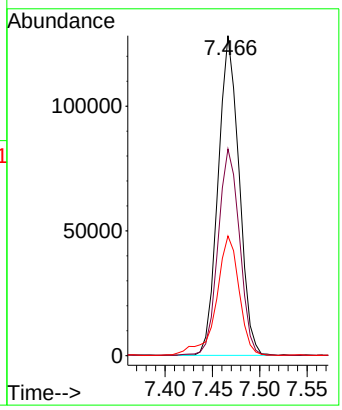


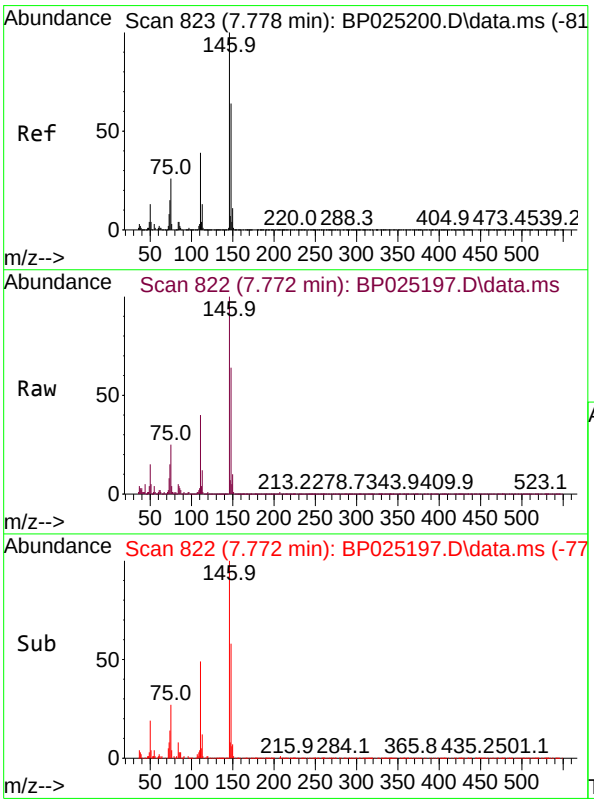
#13
1,4-Dichlorobenzene
Concen: 5.103 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 197217

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	37.4	29.9	44.9

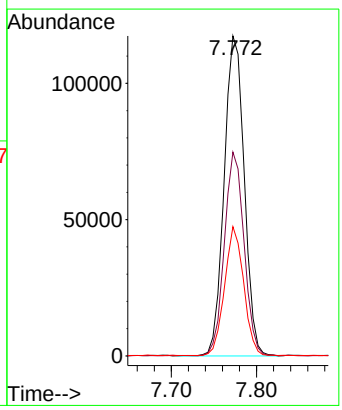


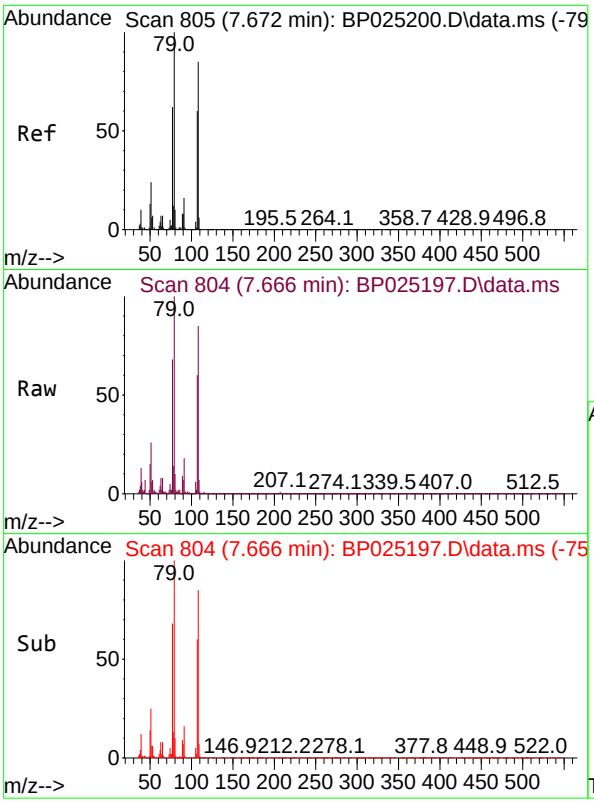


#14
1,2-Dichlorobenzene
Concen: 5.177 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 192220

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	40.4	31.3	46.9



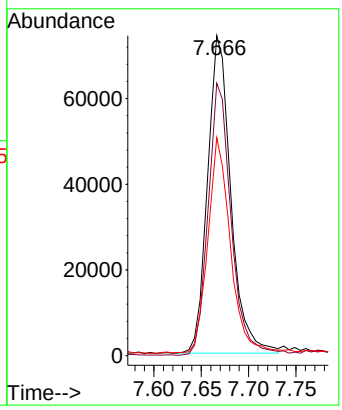


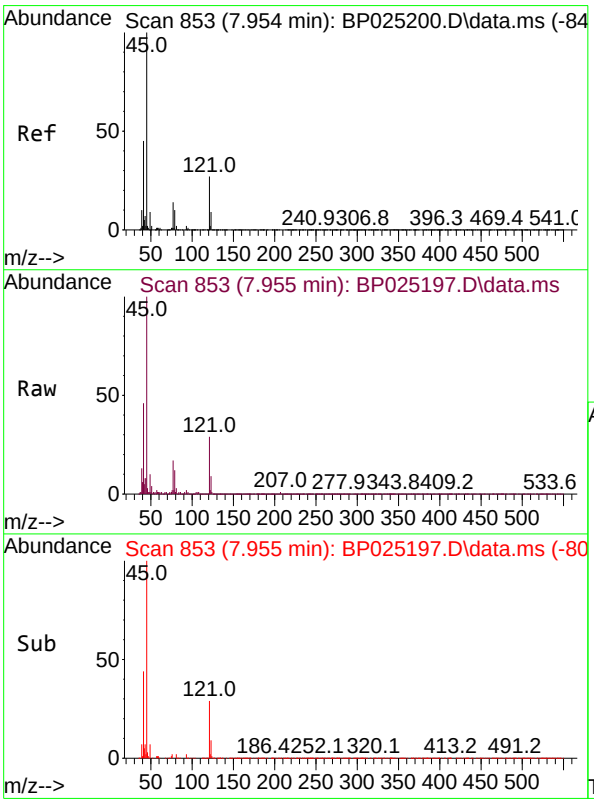
#15
Benzyl Alcohol
Concen: 4.771 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 126655

Ion	Ratio	Lower	Upper
79	100		
108	85.1	67.8	101.6
77	68.1	49.9	74.9

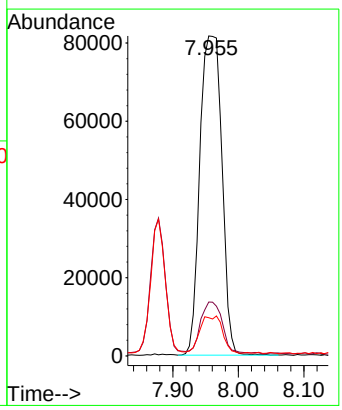


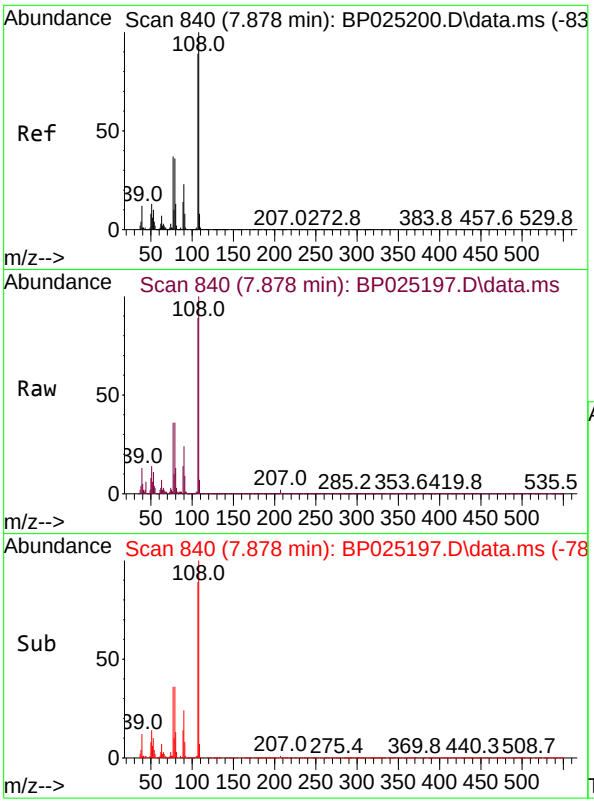


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.040 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 45 Resp: 190207

Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.0
79	11.9	0.0	31.7



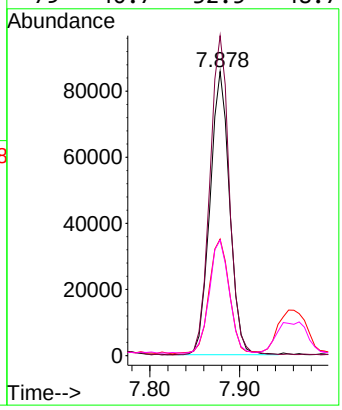


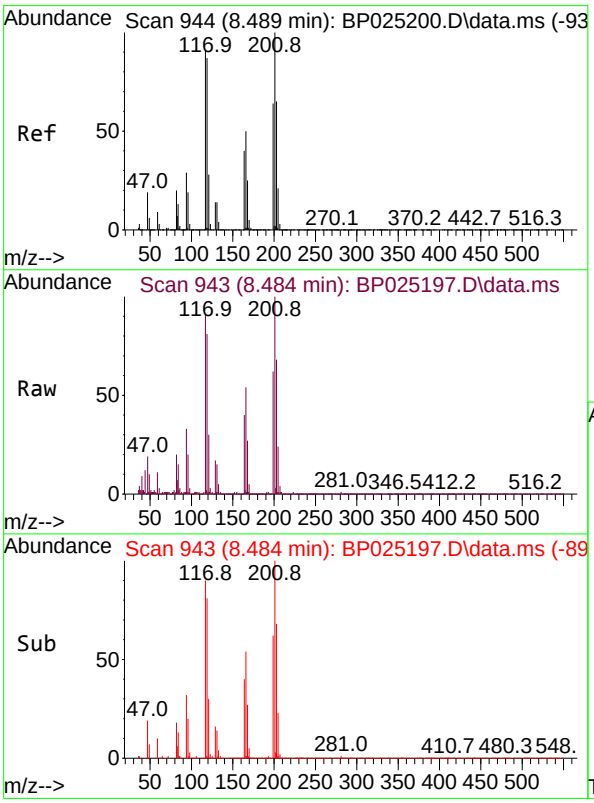
#17
2-Methylphenol
Concen: 4.939 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 130912

Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.8	134.8
77	41.0	33.2	49.8
79	40.7	32.5	48.7

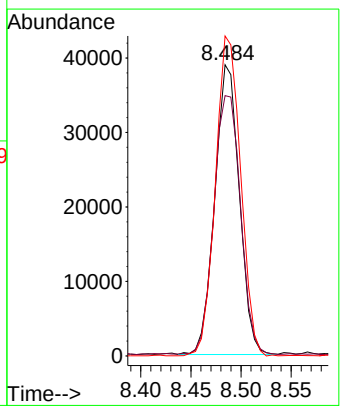


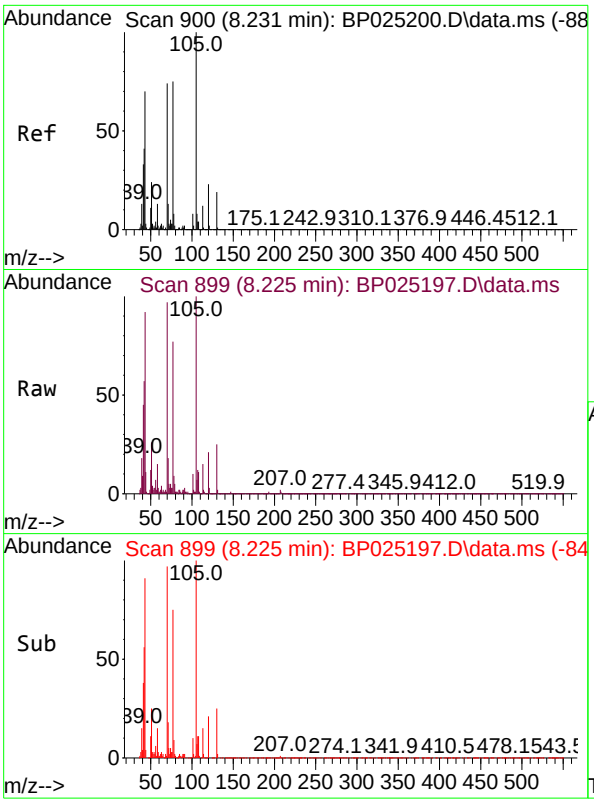


#18
Hexachloroethane
Concen: 5.026 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:117 Resp: 66324

Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.0	115.6
201	109.9	88.3	132.5



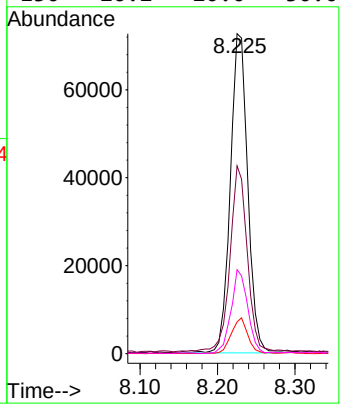


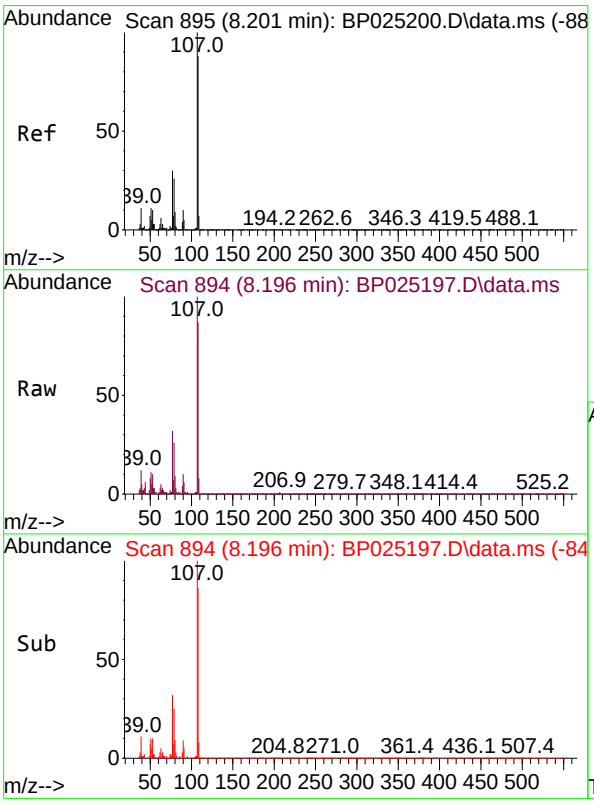
#19
n-Nitroso-di-n-propylamine
Concen: 5.102 ng
RT: 8.225 min Scan# 89
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 113871

Ion	Ratio	Lower	Upper
70	100		
42	58.7	44.2	66.2
101	9.9	8.6	12.8
130	26.2	20.0	30.0

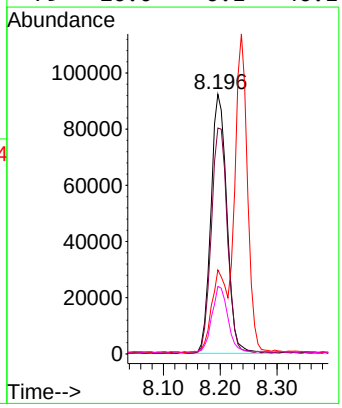


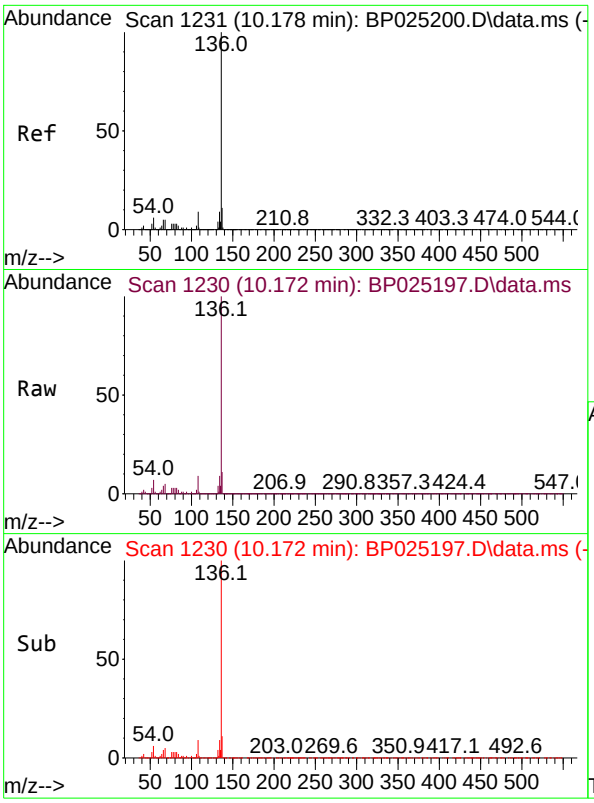


#20
3+4-Methylphenols
Concen: 4.987 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 180538

Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.8	107.8
77	32.3	10.3	50.3
79	26.0	6.1	46.1



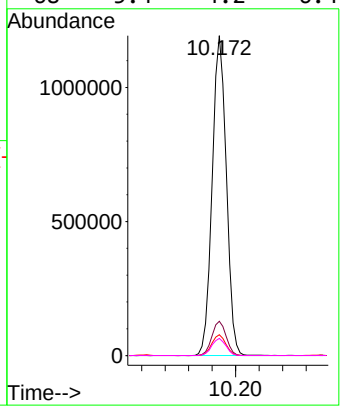


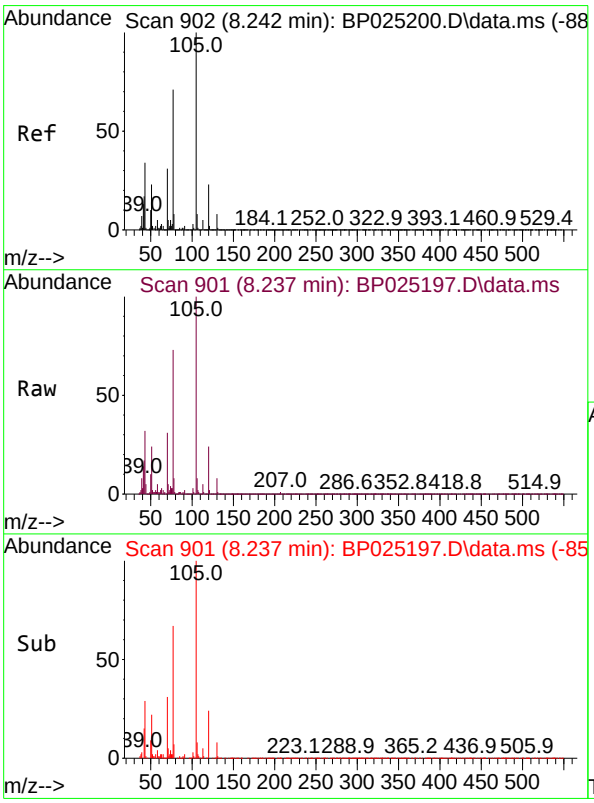
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1993468

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.1	7.7
68	5.4	4.2	6.4

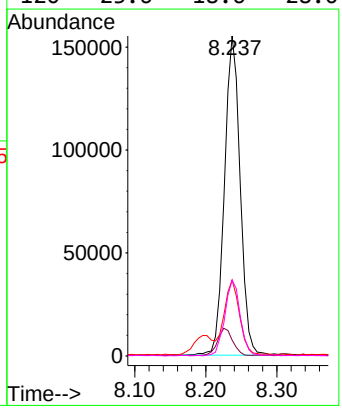


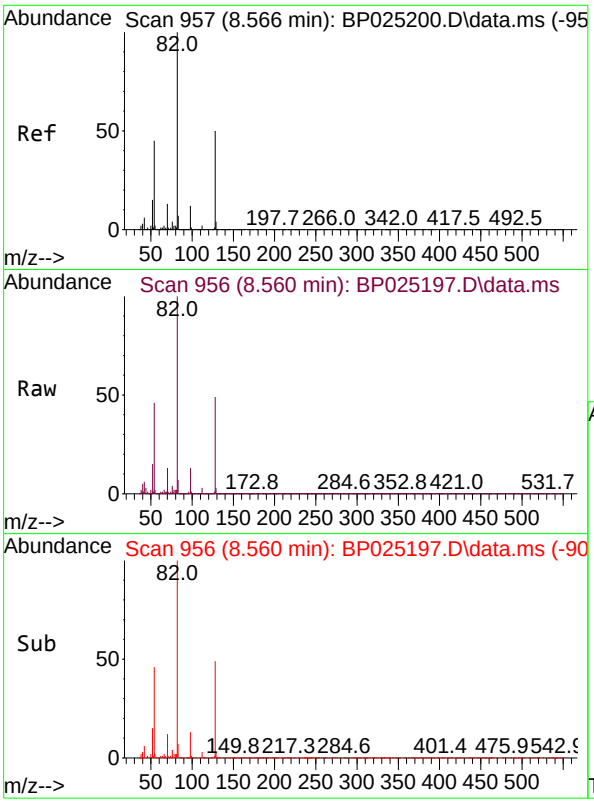


#22
Acetophenone
Concen: 5.052 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:105 Resp: 238513

Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.1	6.1
51	23.7	18.5	27.7
120	23.6	18.6	28.0



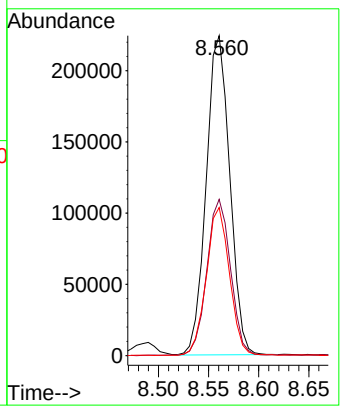


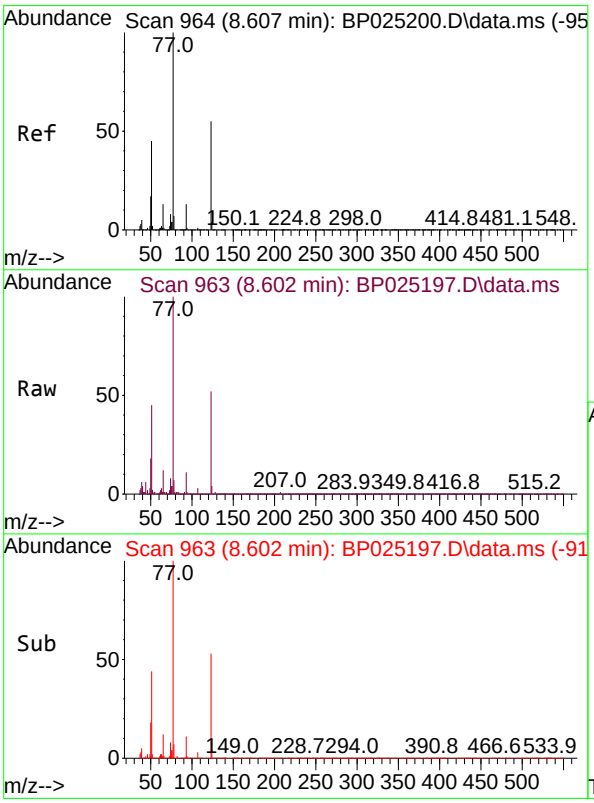
#23
Nitrobenzene-d5
Concen: 10.078 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 366442

Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.2	60.4
54	46.3	36.3	54.5

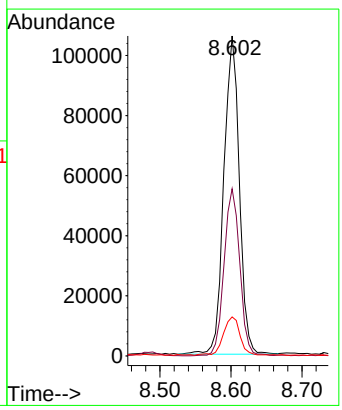


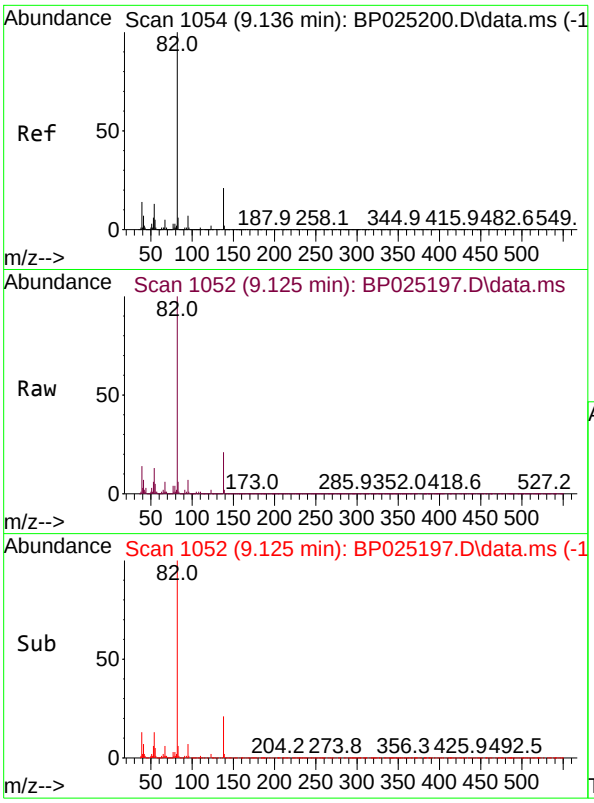


#24
Nitrobenzene
Concen: 4.982 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 77 Resp: 160535

Ion	Ratio	Lower	Upper
77	100		
123	52.2	43.6	65.4
65	12.2	10.2	15.2



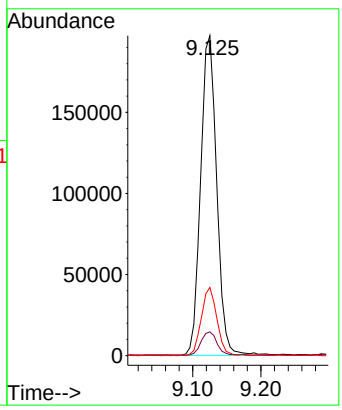


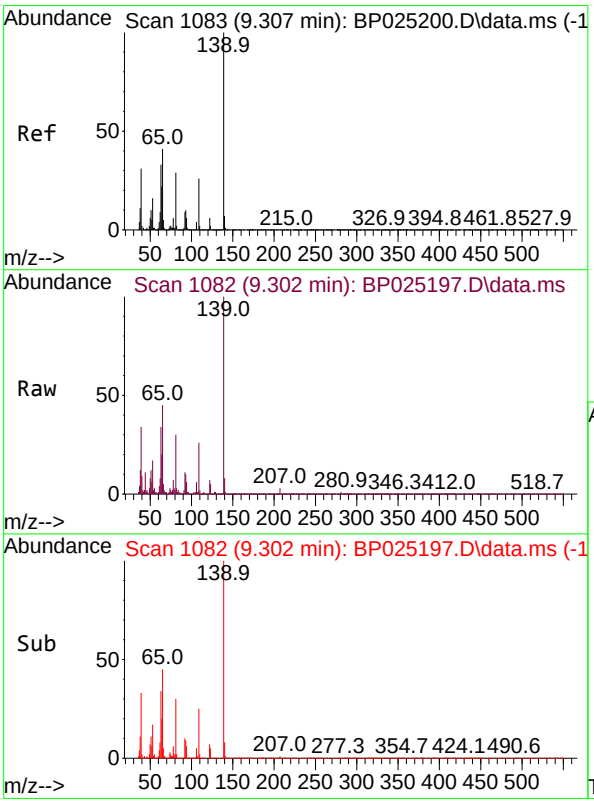
#25
Isophorone
Concen: 5.082 ng
RT: 9.125 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 323606

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.6	8.4
138	21.3	16.6	25.0

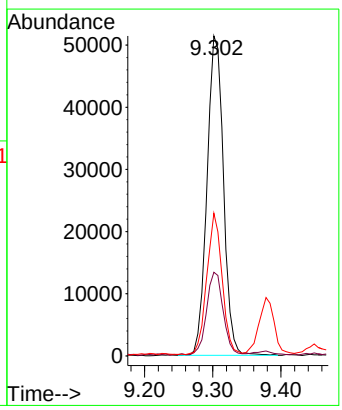


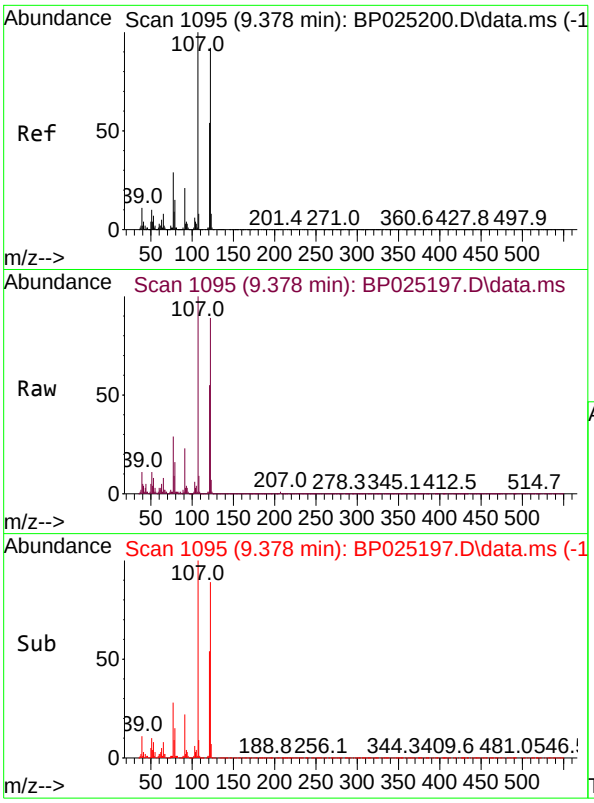


#26
2-Nitrophenol
Concen: 4.758 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:139 Resp: 86302

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.0	31.6
65	44.6	32.7	49.1



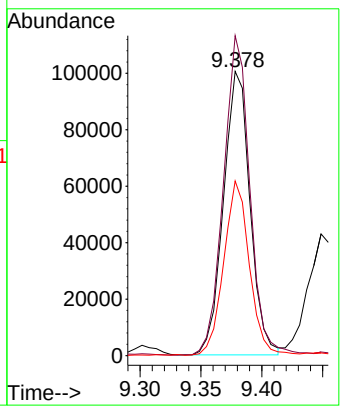


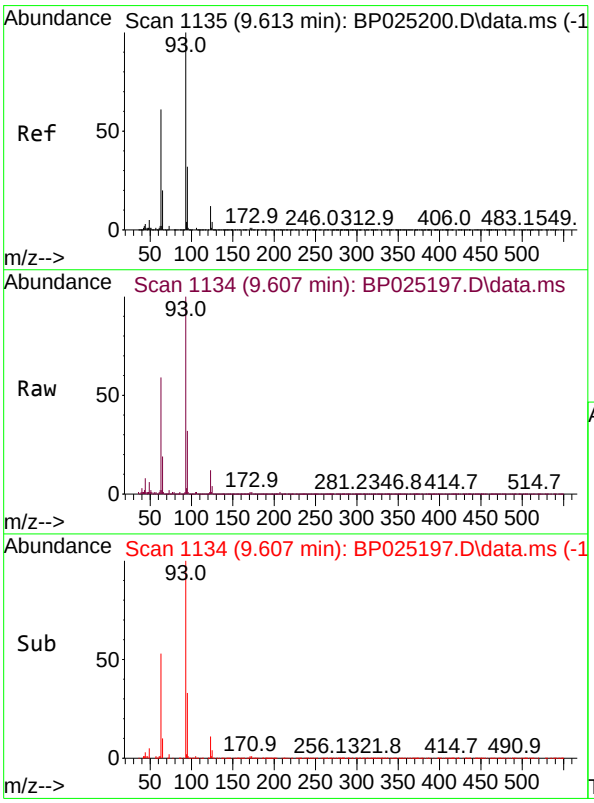
#27
2,4-Dimethylphenol
Concen: 4.939 ng
RT: 9.378 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 152482

Ion	Ratio	Lower	Upper
122	100		
107	112.6	87.0	130.4
121	61.5	46.7	70.1

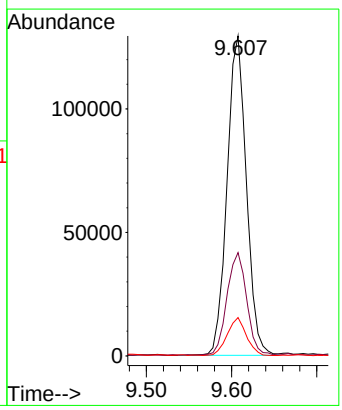


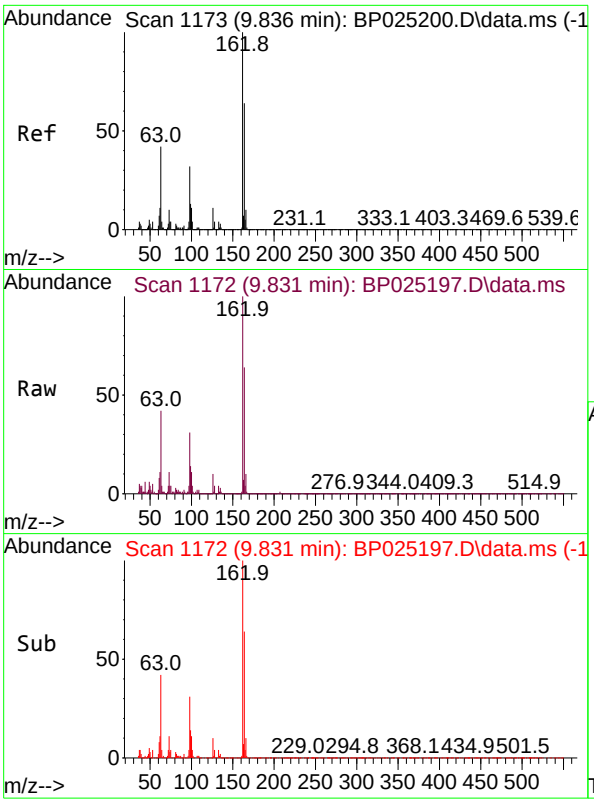


#28
bis(2-Chloroethoxy)methane
Concen: 5.091 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 203537

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	12.0	9.8	14.6



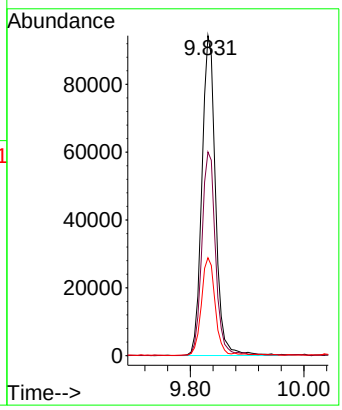


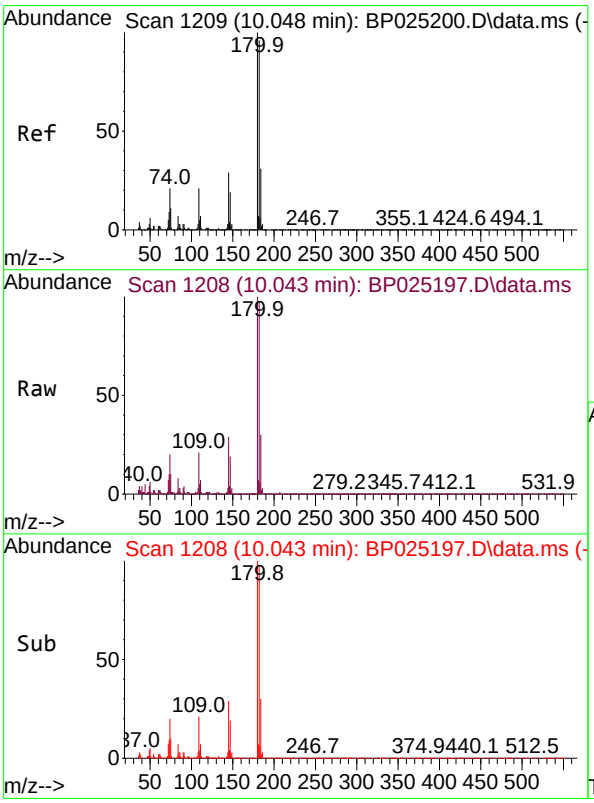
#29
2,4-Dichlorophenol
Concen: 4.941 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 156480

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	30.6	11.7	51.7

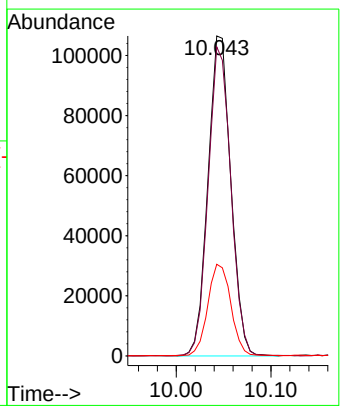


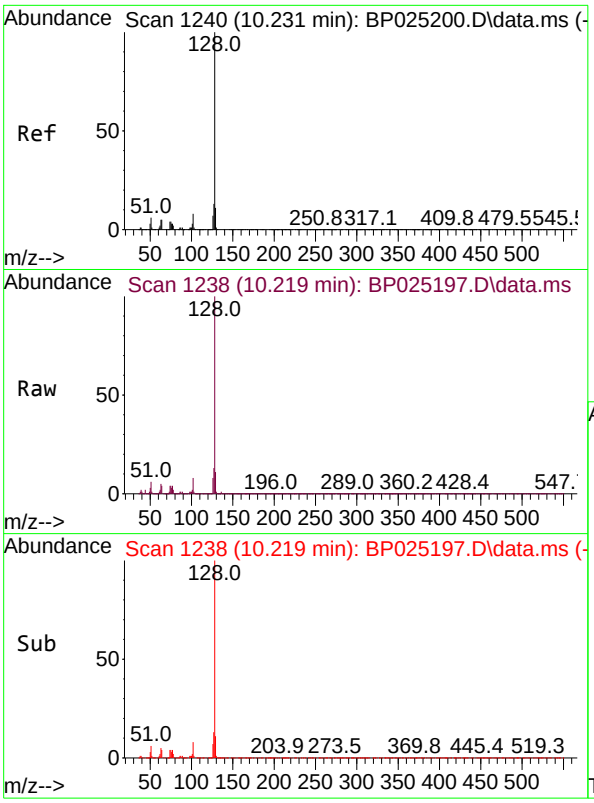


#30
1,2,4-Trichlorobenzene
Concen: 5.128 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:180 Resp: 178685

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.7	115.1
145	28.6	23.5	35.3



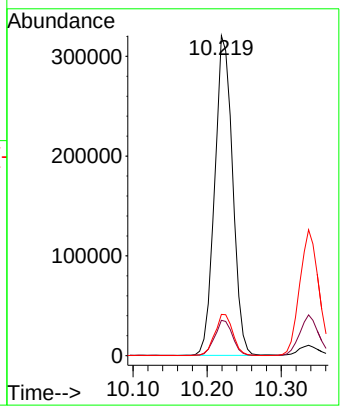


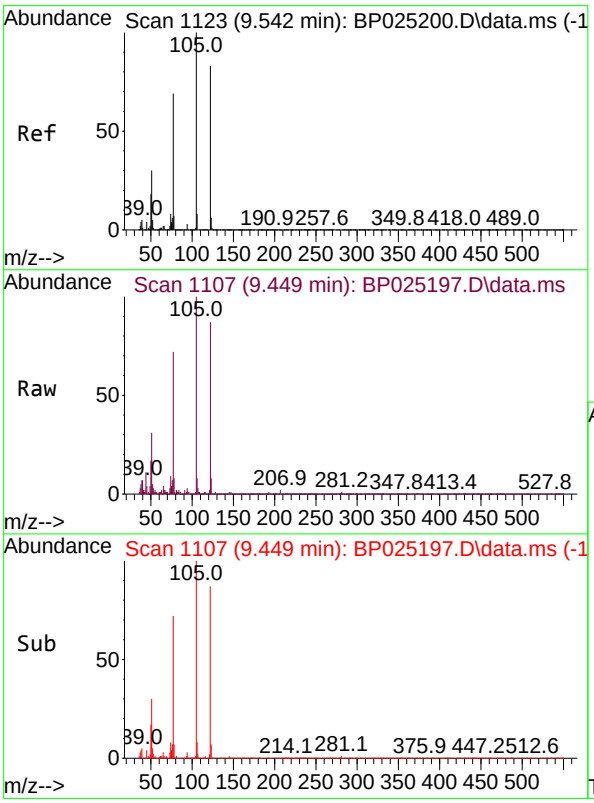
#31
Naphthalene
Concen: 5.175 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 537289

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.4	15.6

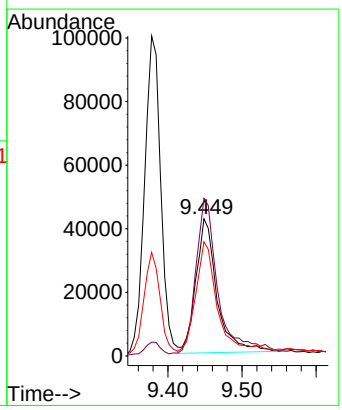


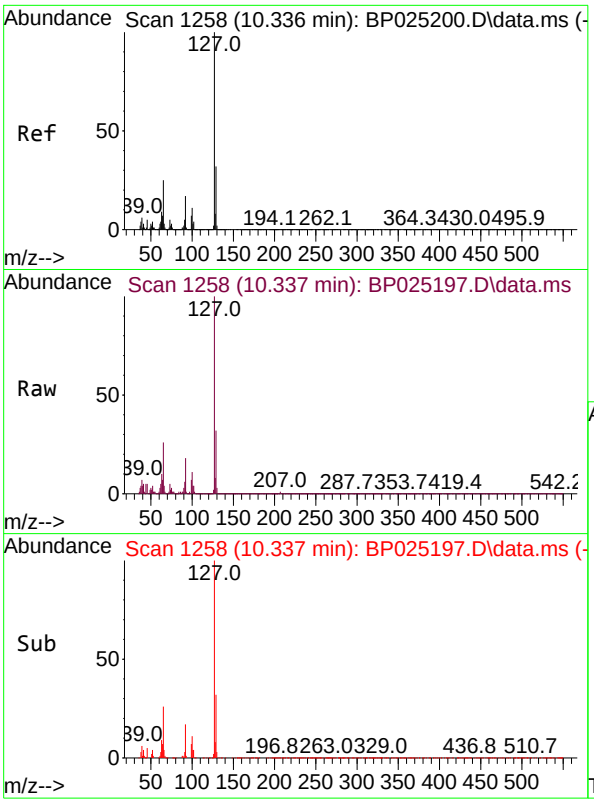


#32
Benzoic acid
Concen: 3.703 ng
RT: 9.449 min Scan# 1107
Delta R.T. -0.094 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:122 Resp: 83493

Ion	Ratio	Lower	Upper
122	100		
105	115.0	98.1	138.1
77	83.2	62.7	102.7



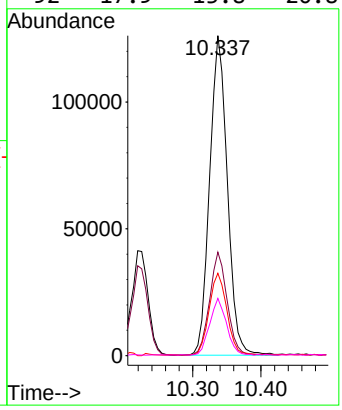


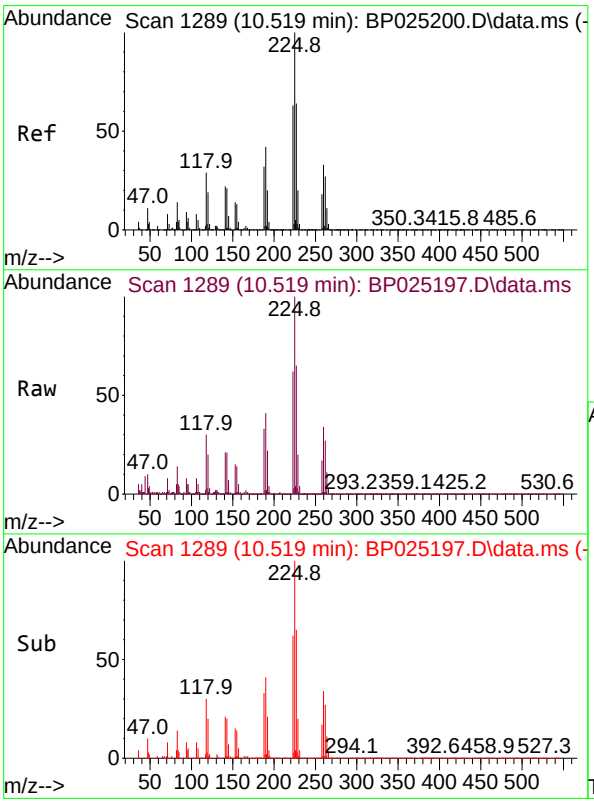
#33
4-Chloroaniline
Concen: 5.041 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 227222

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	25.7	20.2	30.4
92	17.9	13.8	20.8

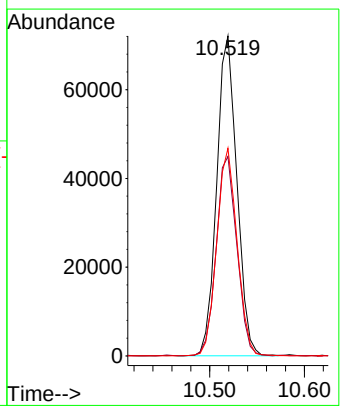


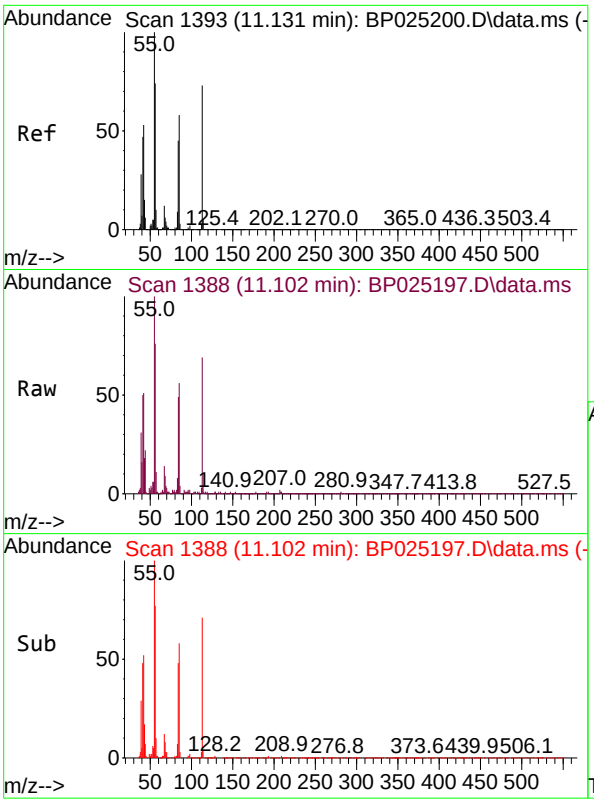


#34
Hexachlorobutadiene
Concen: 5.084 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:225 Resp: 106389

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	64.9	51.4	77.0



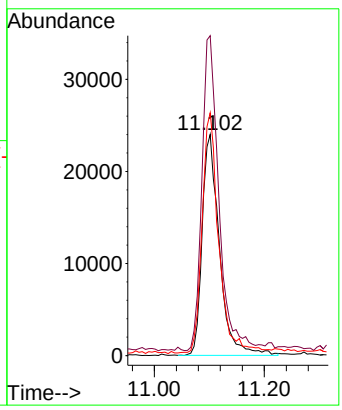


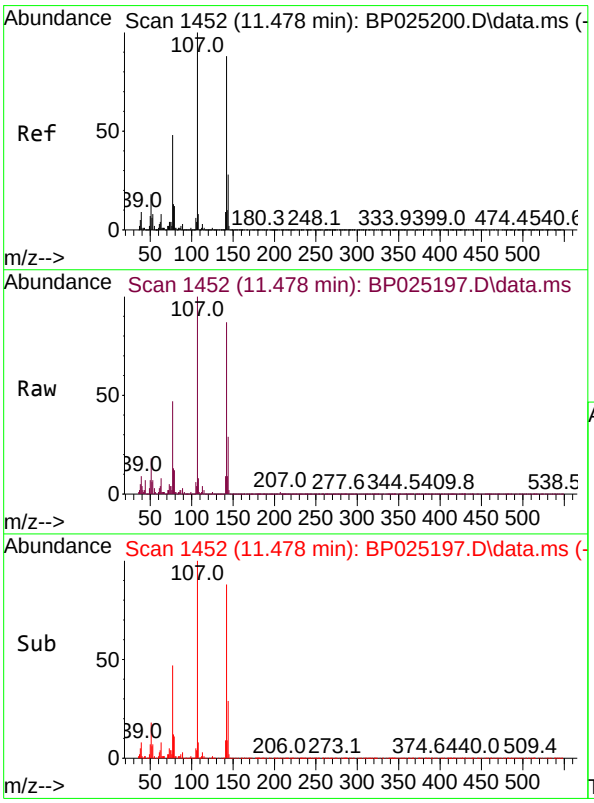
#35
Caprolactam
Concen: 5.018 ng
RT: 11.102 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 52301

Ion	Ratio	Lower	Upper
113	100		
55	144.7	117.6	157.6
56	109.8	82.4	122.4

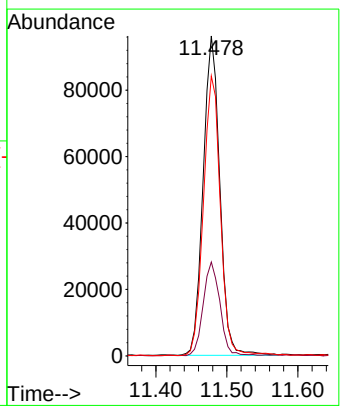


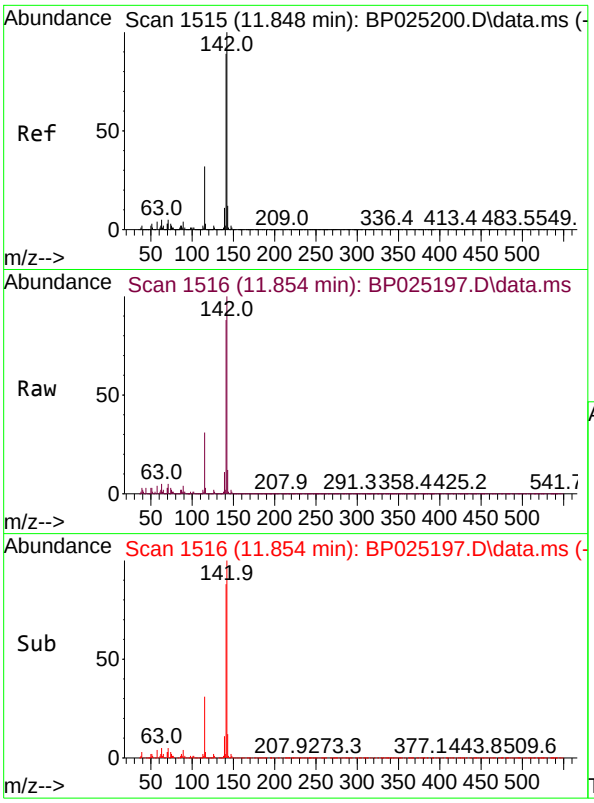


#36
4-Chloro-3-methylphenol
Concen: 4.939 ng
RT: 11.478 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 156207

Ion	Ratio	Lower	Upper
107	100		
144	29.3	22.5	33.7
142	87.5	70.6	105.8



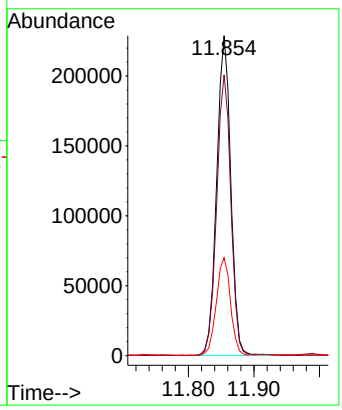


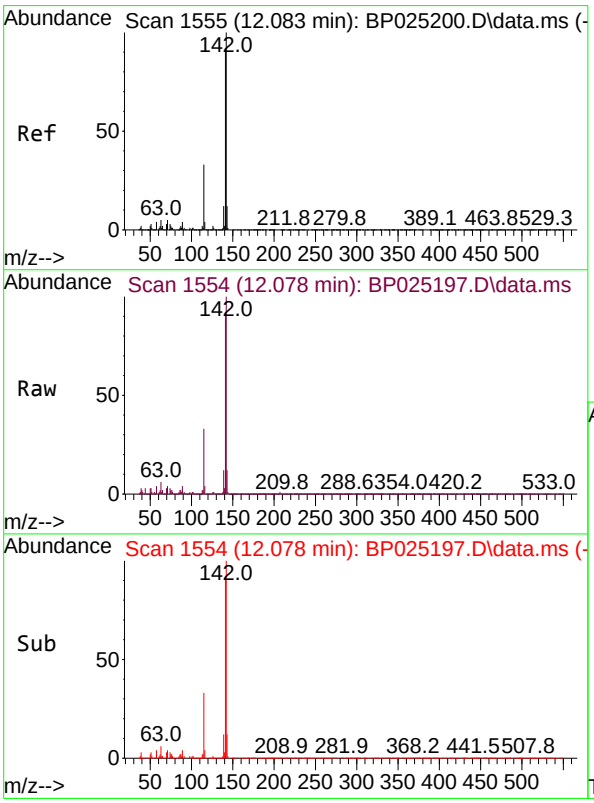
#37
2-Methylnaphthalene
Concen: 5.098 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 342320

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.2	106.8
115	30.6	25.3	37.9

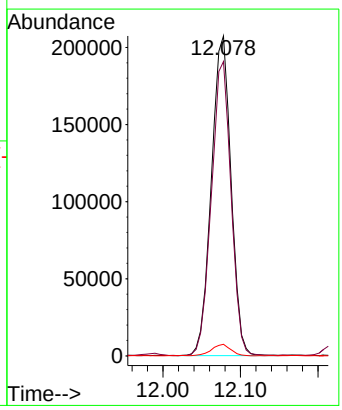


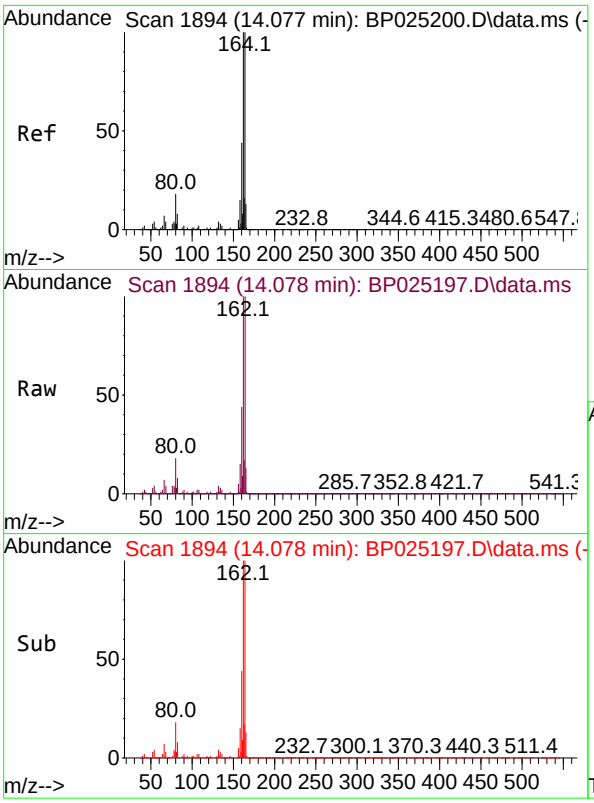


#38
1-Methylnaphthalene
Concen: 5.158 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:142 Resp: 365319

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	3.6	2.8	4.2



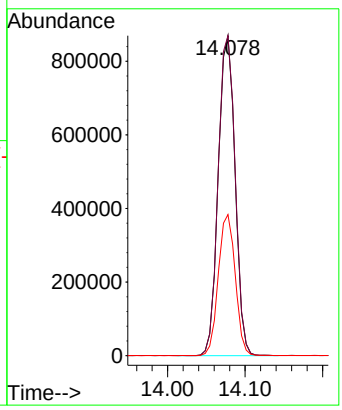


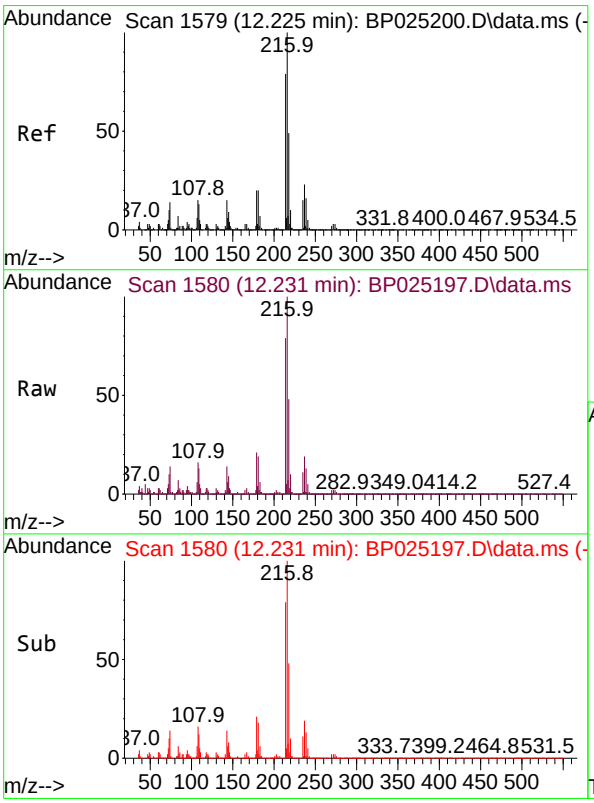
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 1309068

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	44.1	35.7	53.5

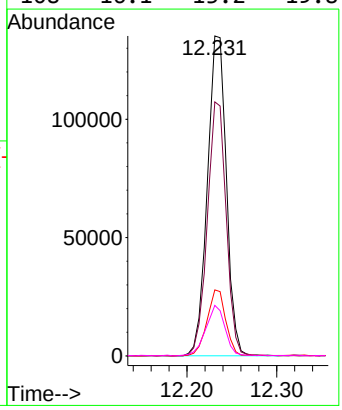


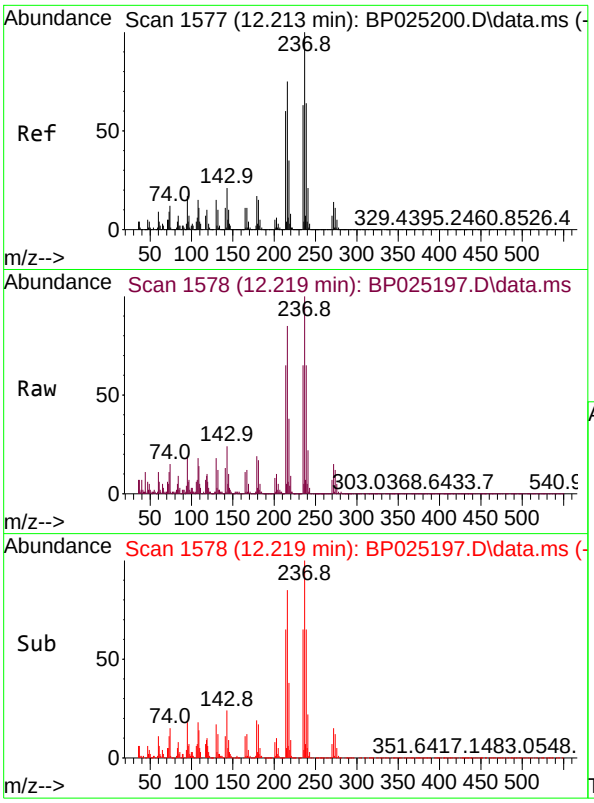


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.042 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:216 Resp: 199889

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.7	94.1
179	20.5	16.2	24.4
108	16.1	13.2	19.8



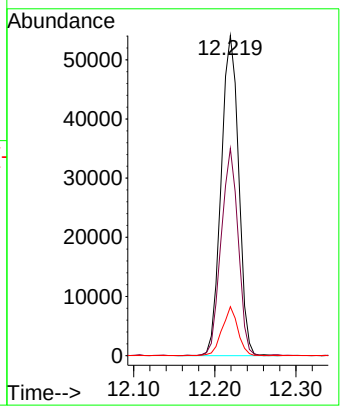


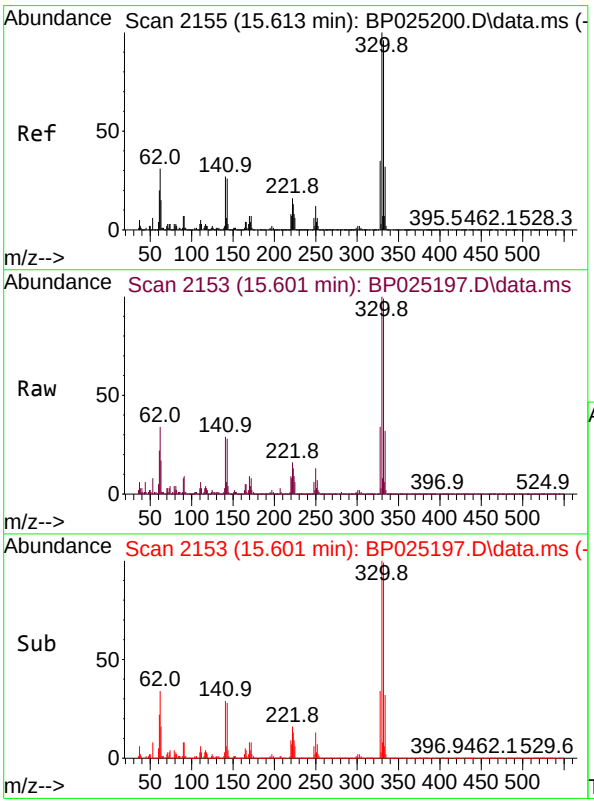
#41
Hexachlorocyclopentadiene
Concen: 3.596 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 80837

Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.7	82.7
272	15.3	0.0	33.6

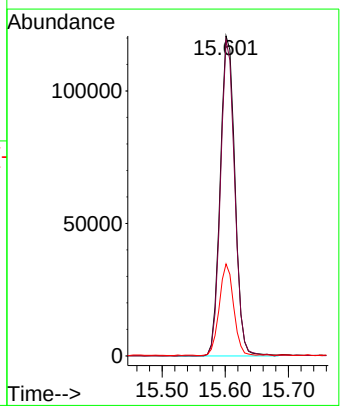


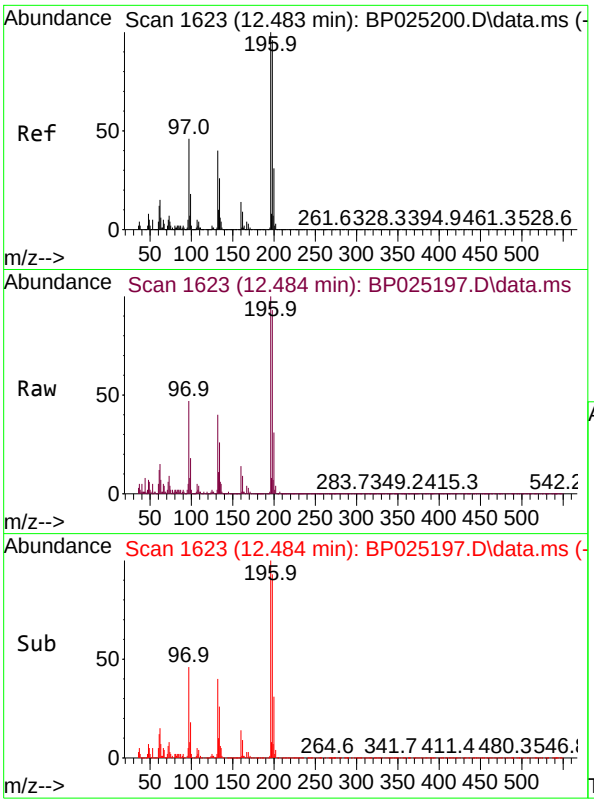


#42
2,4,6-Tribromophenol
Concen: 10.002 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:330 Resp: 194693

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	28.3	22.4	33.6



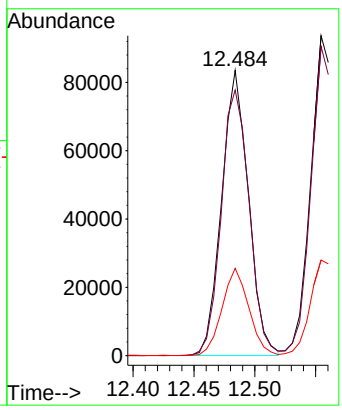


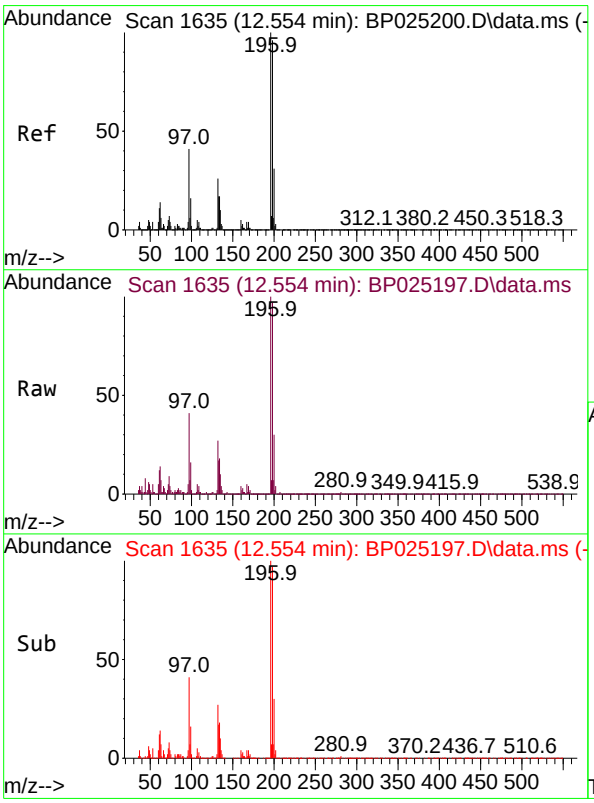
#43
2,4,6-Trichlorophenol
Concen: 4.774 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 127876

Ion	Ratio	Lower	Upper
196	100		
198	93.1	76.6	114.8
200	30.6	24.7	37.1

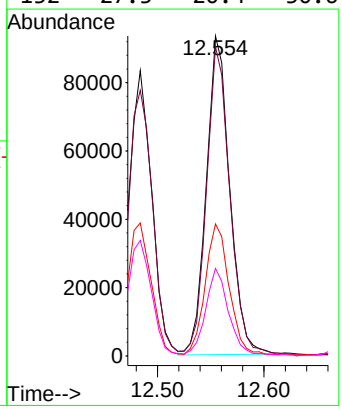


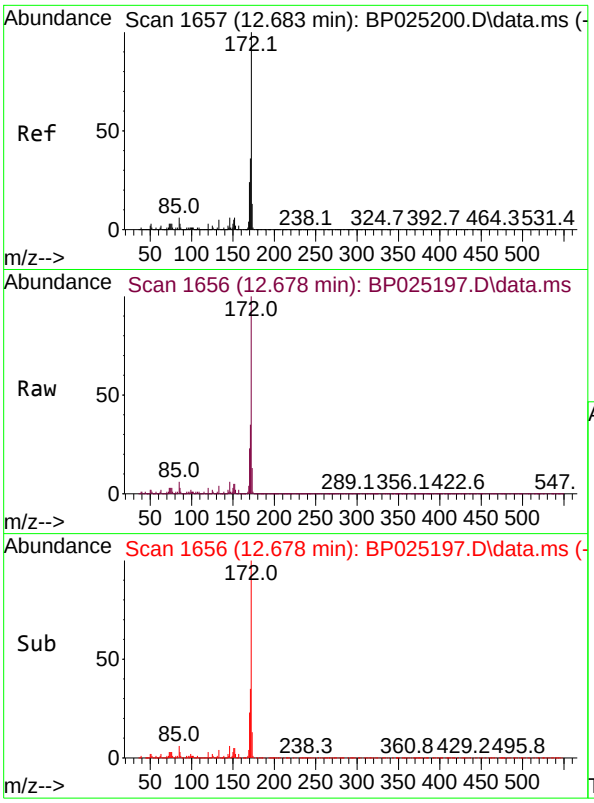


#44
2,4,5-Trichlorophenol
Concen: 4.844 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:196 Resp: 143015

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.7	115.1
97	41.3	33.0	49.4
132	27.3	20.4	30.6



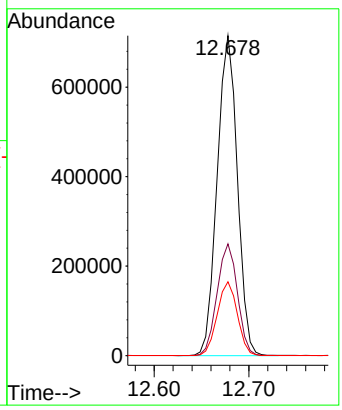


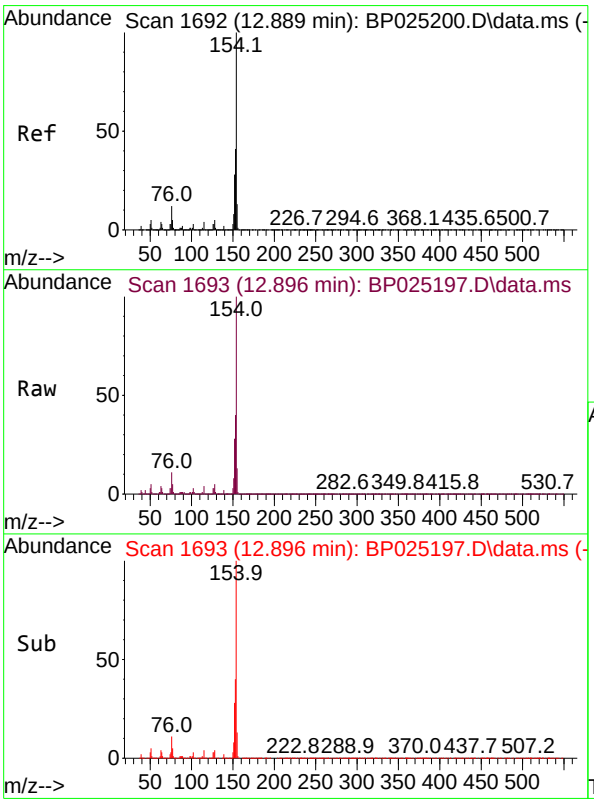
#45
2-Fluorobiphenyl
Concen: 10.698 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 1057796

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.1	19.2	28.8

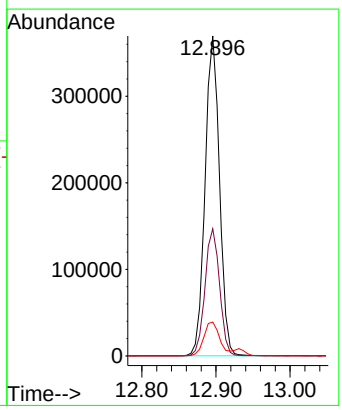


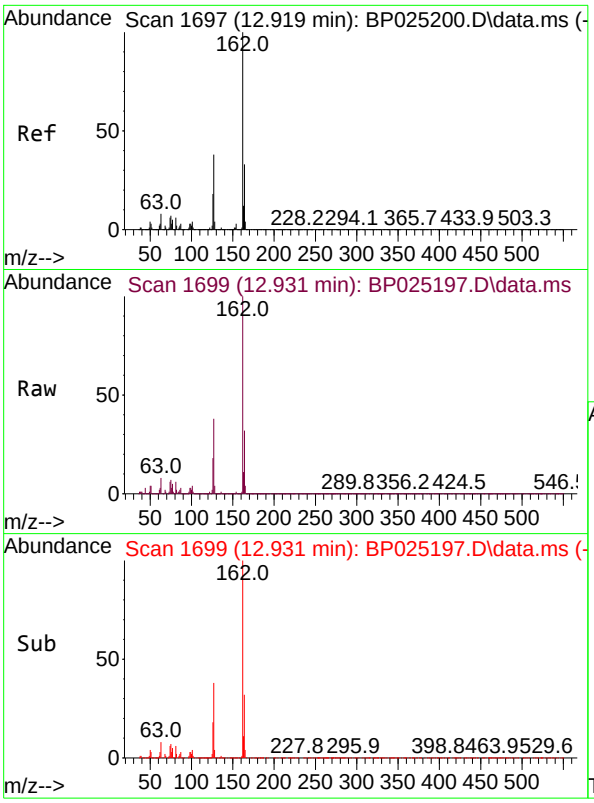


#46
1,1'-Biphenyl
Concen: 5.148 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 498351

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	10.6	0.0	31.6



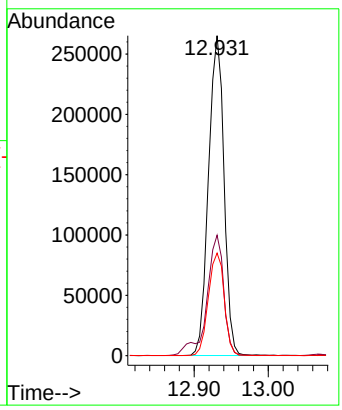


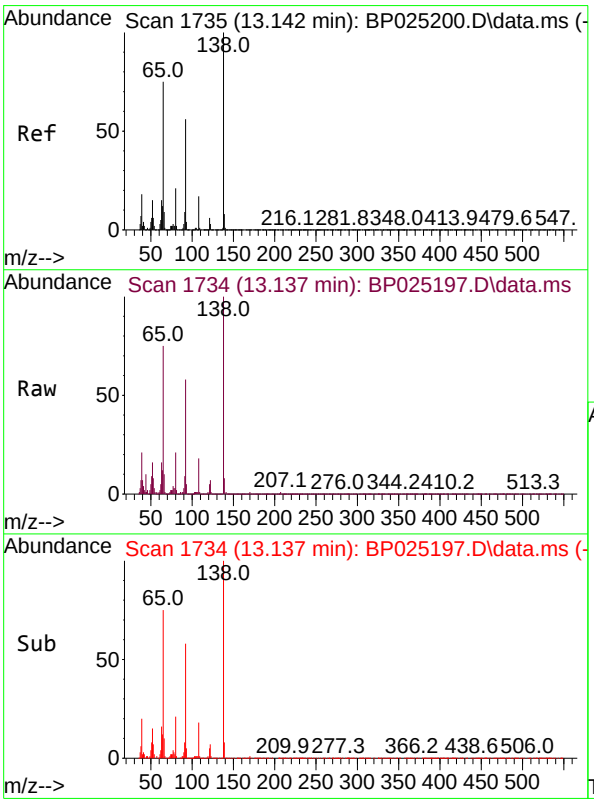
#47
2-Chloronaphthalene
Concen: 5.132 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 384841

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	32.0	26.5	39.7

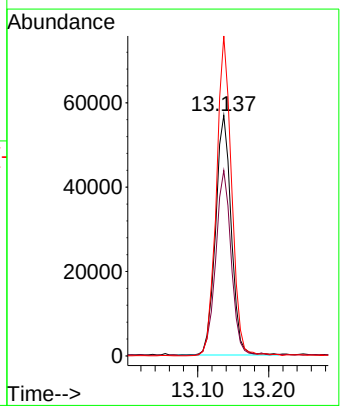


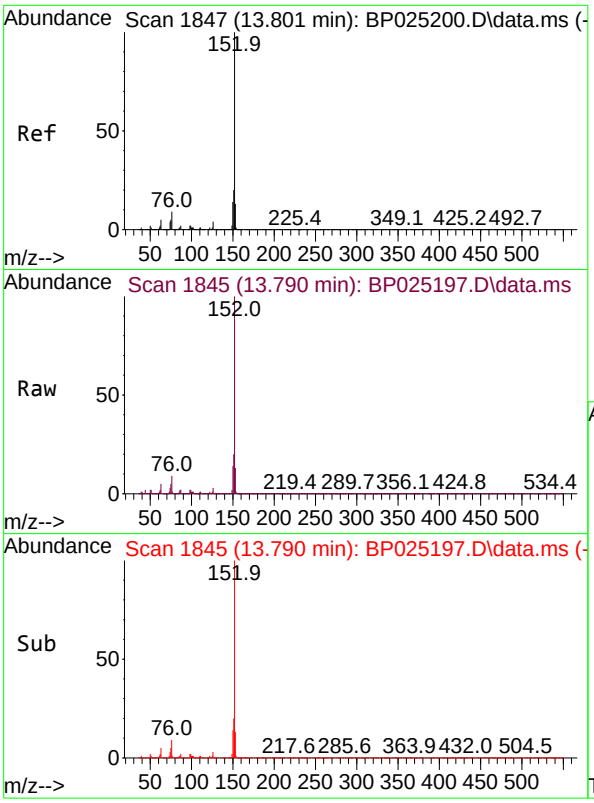


#48
2-Nitroaniline
Concen: 4.646 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 65 Resp: 87405

Ion	Ratio	Lower	Upper
65	100		
92	77.1	59.9	89.9
138	133.1	107.1	160.7



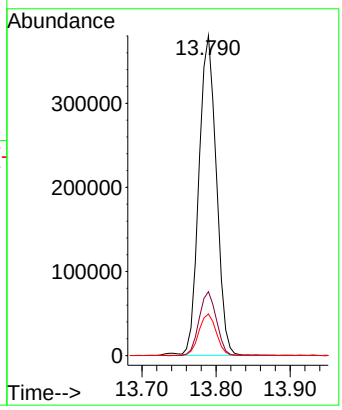


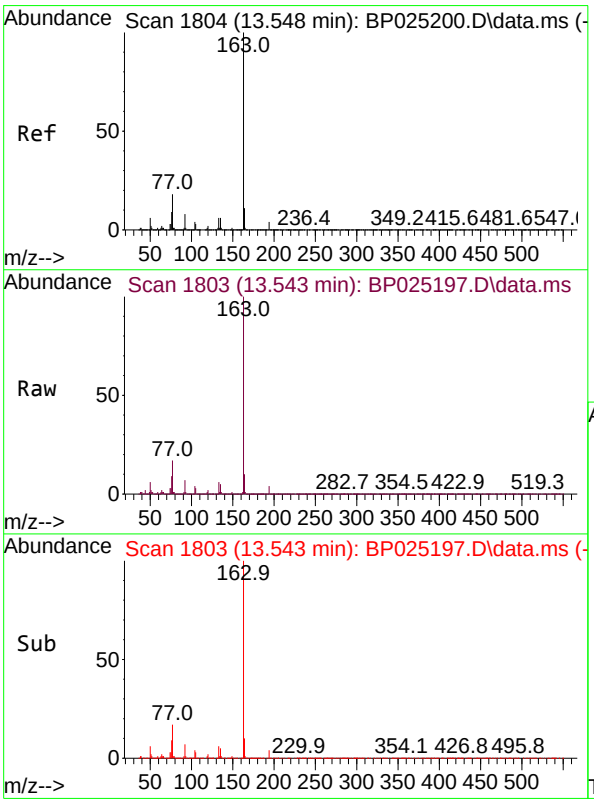
#49
Acenaphthylene
Concen: 5.030 ng
RT: 13.790 min Scan# 18
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 618618

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.0	10.6	15.8

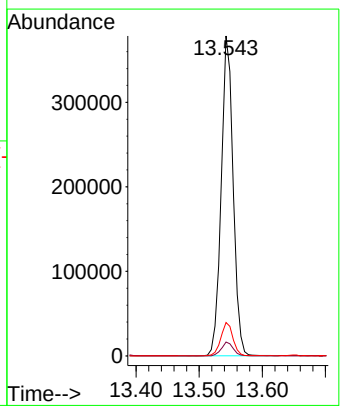


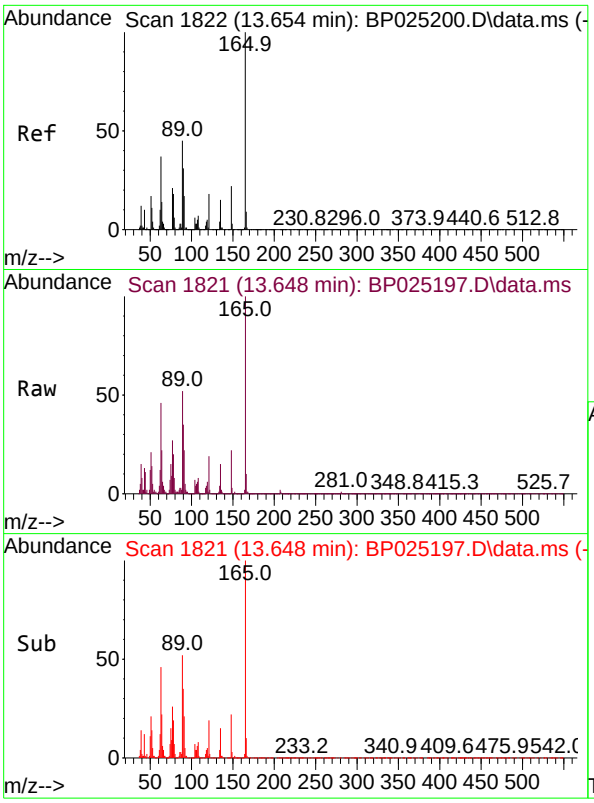


#50
Dimethylphthalate
Concen: 5.191 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:163 Resp: 495773

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.4	8.5	12.7



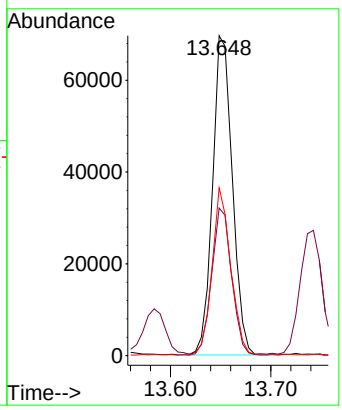


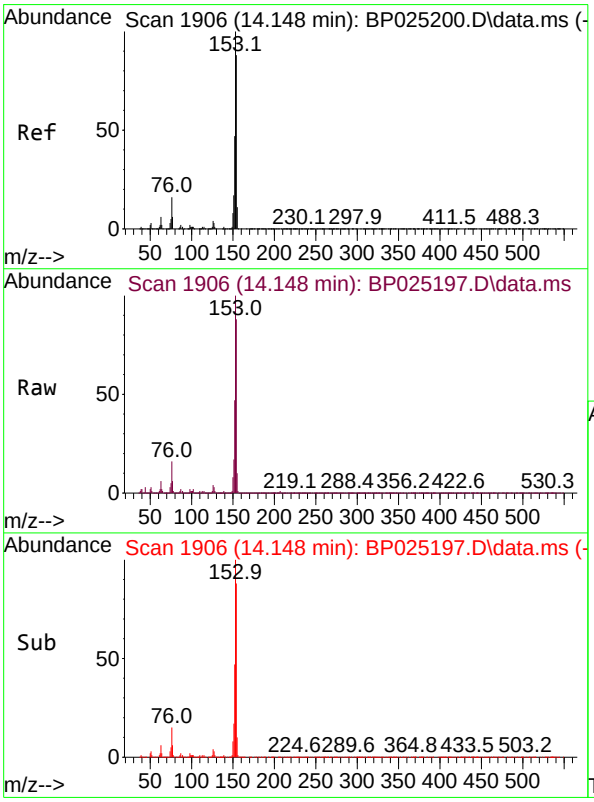
#51
2,6-Dinitrotoluene
Concen: 4.731 ng
RT: 13.648 min Scan# 18
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 95645

Ion	Ratio	Lower	Upper
165	100		
63	46.1	33.4	50.2
89	52.4	36.3	54.5

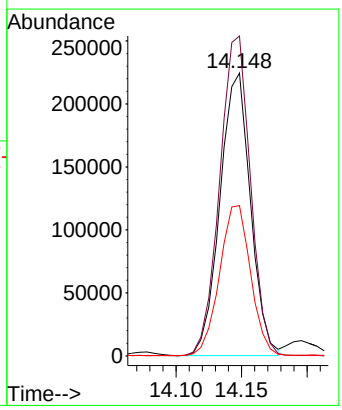


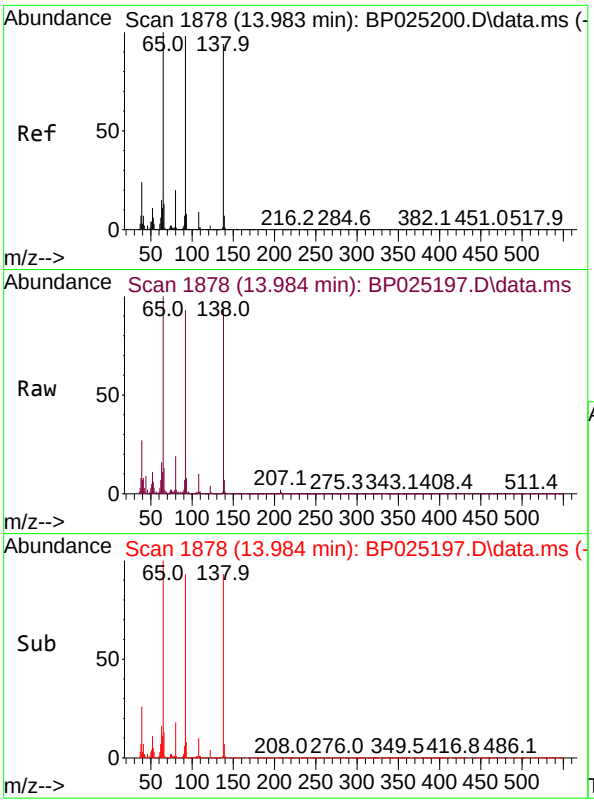


#52
Acenaphthene
Concen: 5.121 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 362769

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	53.2	42.9	64.3



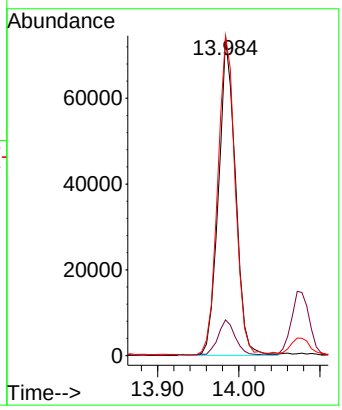


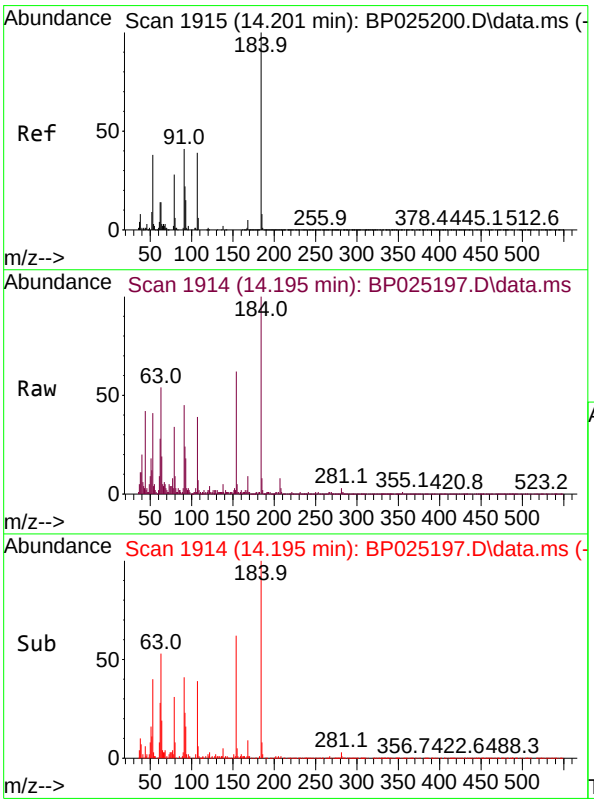
#53
3-Nitroaniline
Concen: 4.706 ng
RT: 13.984 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 107353

Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.5	11.3
92	100.5	83.2	124.8

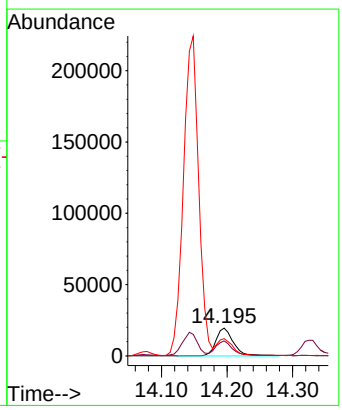


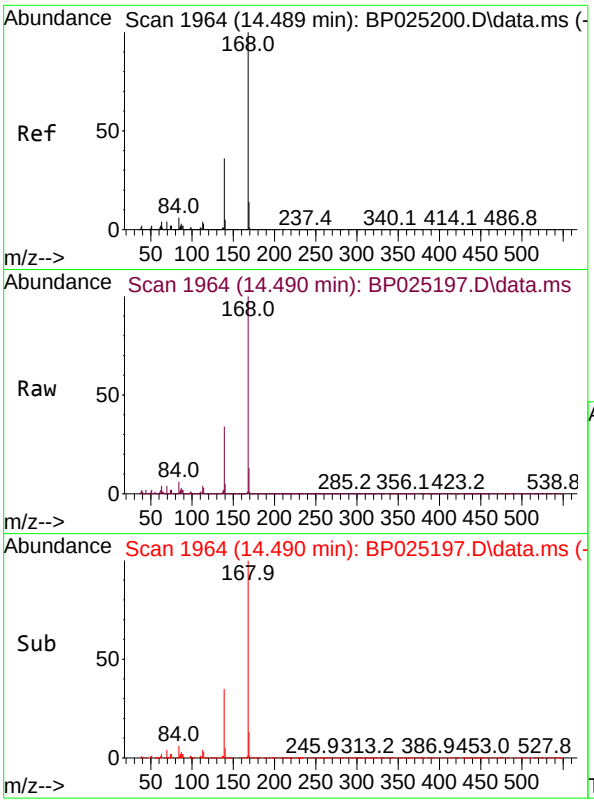


#54
2,4-Dinitrophenol
Concen: 3.178 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:184 Resp: 36007

Ion	Ratio	Lower	Upper
184	100		
63	54.1	41.8	62.8
154	62.4	45.7	68.5



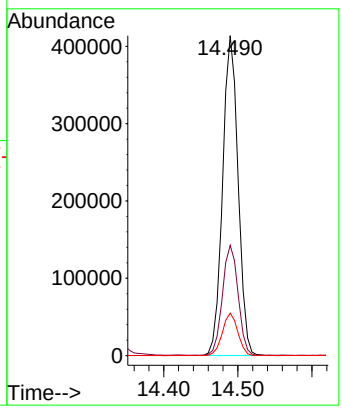


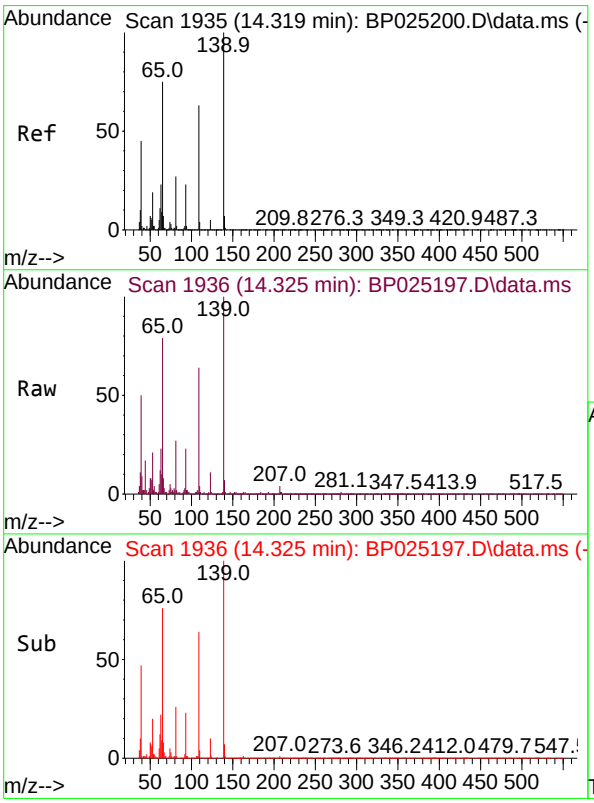
#55
Dibenzofuran
Concen: 5.225 ng
RT: 14.490 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 599358

Ion	Ratio	Lower	Upper
168	100		
139	34.5	28.7	43.1
169	13.3	10.9	16.3

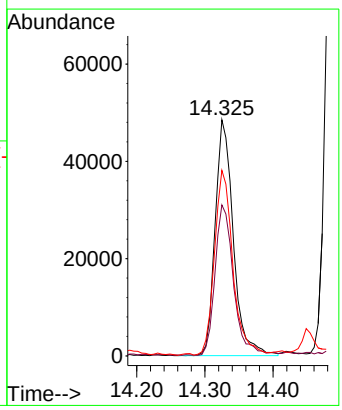


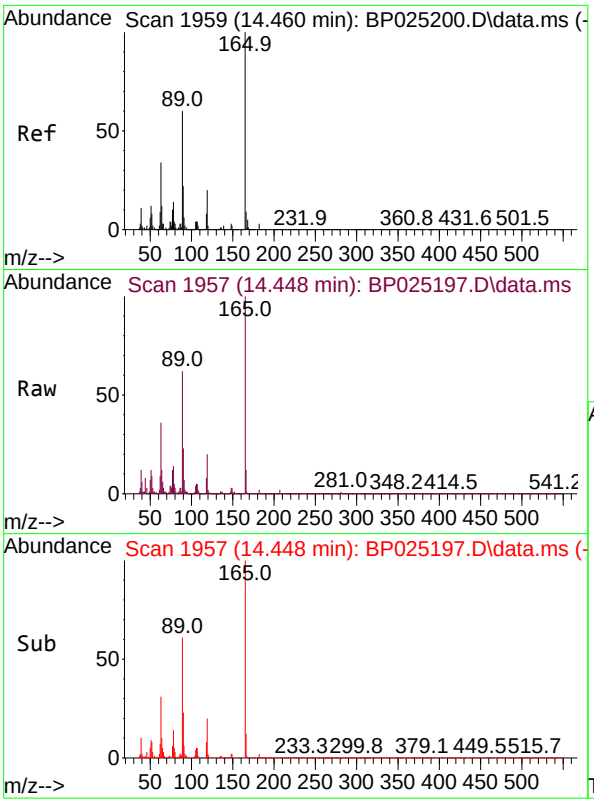


#56
4-Nitrophenol
Concen: 4.587 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:139 Resp: 89182

Ion	Ratio	Lower	Upper
139	100		
109	63.9	42.6	82.6
65	78.5	55.4	95.4



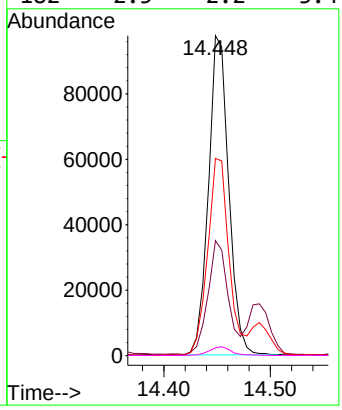


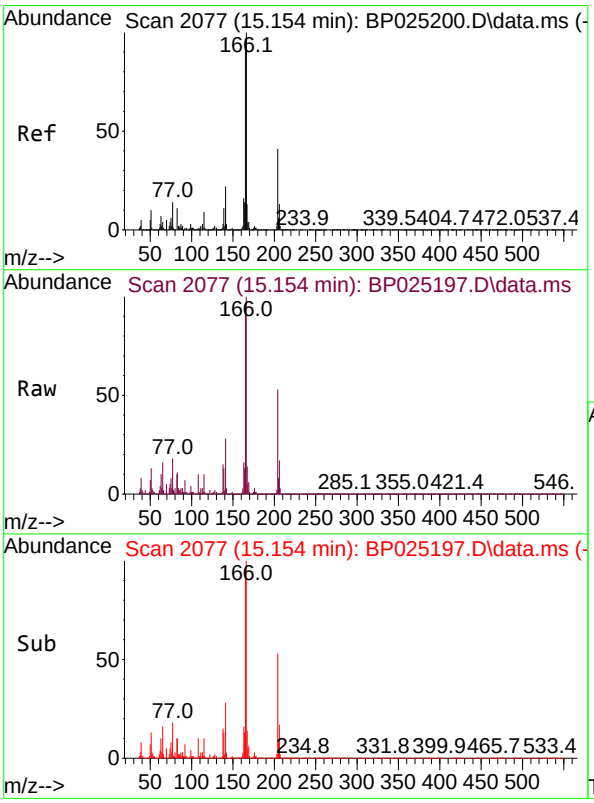
#57
2,4-Dinitrotoluene
Concen: 4.587 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 129201

Ion	Ratio	Lower	Upper
165	100		
63	35.9	27.0	40.4
89	61.6	47.8	71.6
182	2.5	2.2	3.4

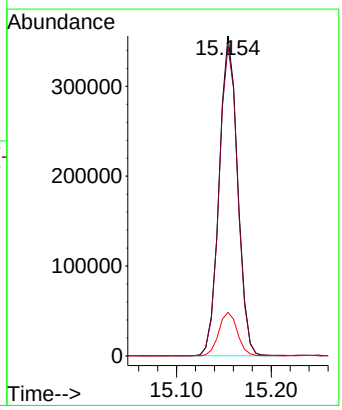


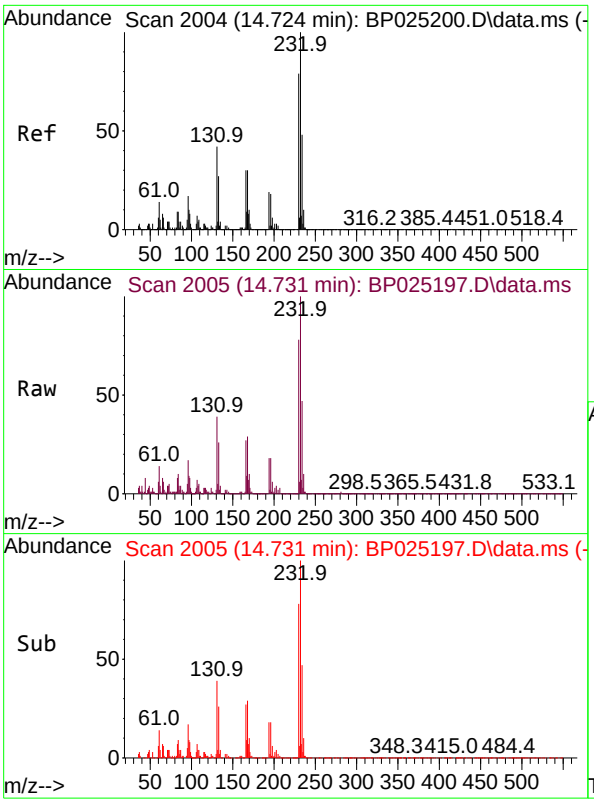


#58
Fluorene
Concen: 5.250 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:166 Resp: 480256

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.0	117.0
167	13.6	10.7	16.1



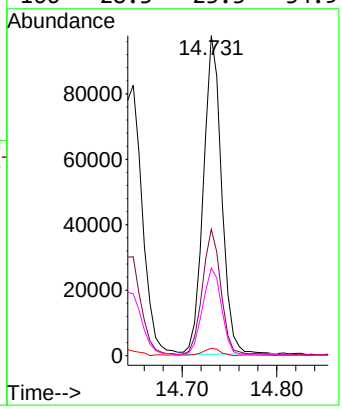


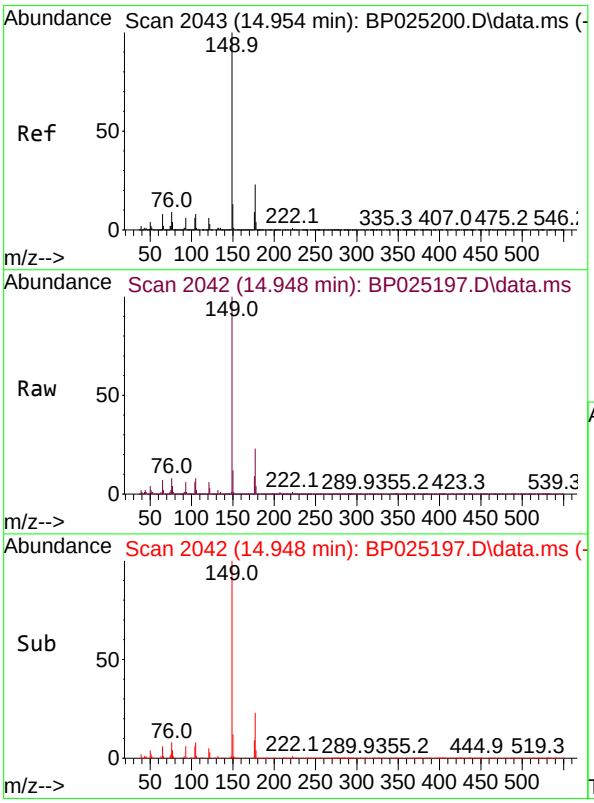
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.967 ng
RT: 14.731 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 129817

Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.6	48.8
130	2.2	1.6	2.4
166	28.3	23.3	34.9

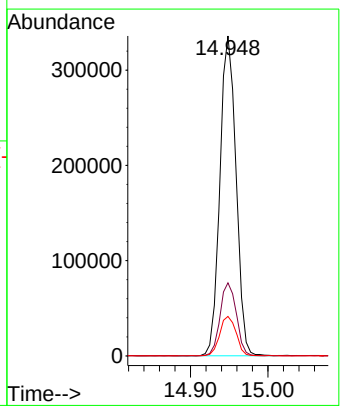


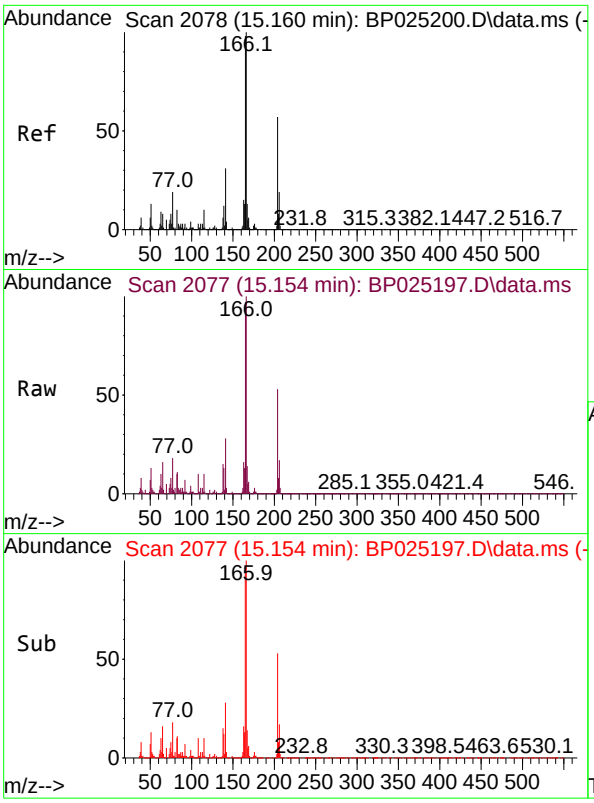


#60
Diethylphthalate
Concen: 5.166 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 487535

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.3	10.0	15.0



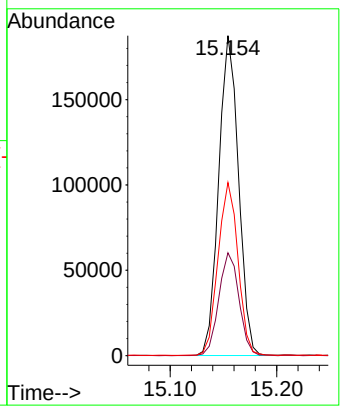


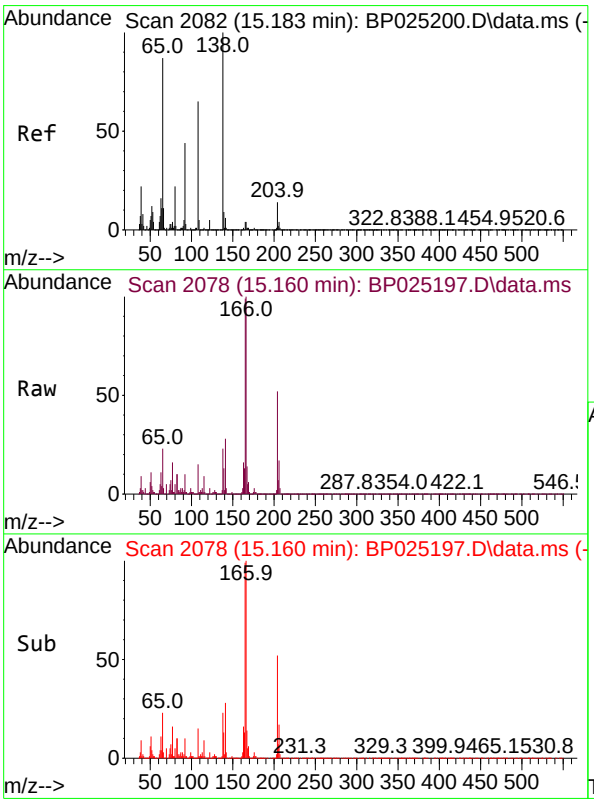
#61
4-Chlorophenyl-phenylether
Concen: 5.269 ng
RT: 15.154 min Scan# 20
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 242941

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	54.1	43.0	64.6

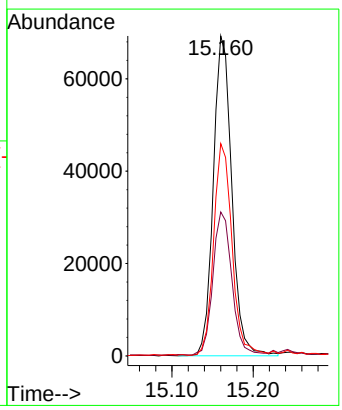


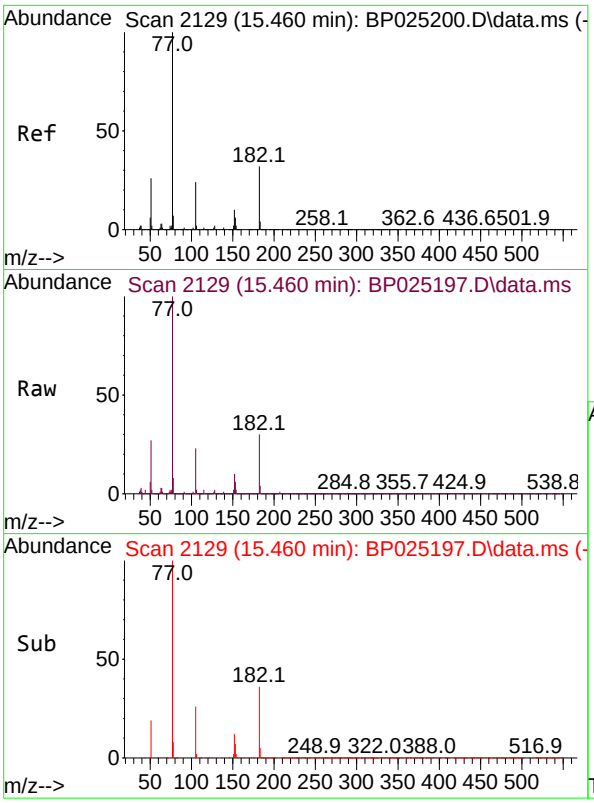


#62
4-Nitroaniline
Concen: 4.709 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.023 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:138 Resp: 109472

Ion	Ratio	Lower	Upper
138	100		
92	45.0	24.0	64.0
108	66.3	44.9	84.9



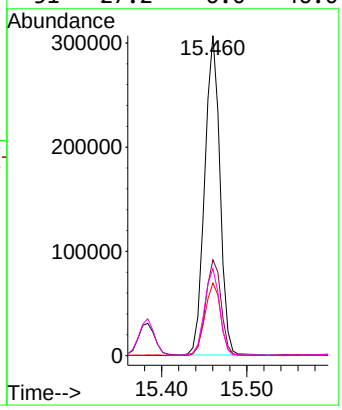


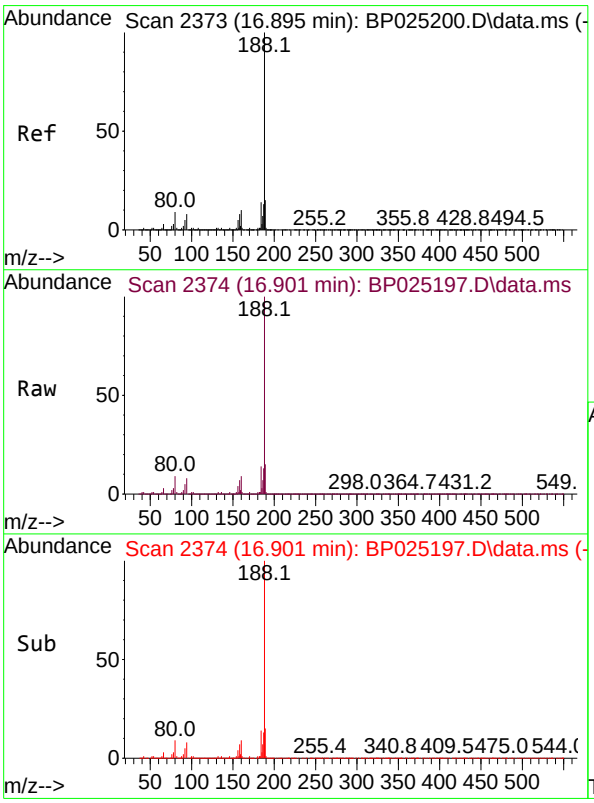
#63
Azobenzene
Concen: 5.004 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 379326

Ion	Ratio	Lower	Upper
77	100		
182	29.9	12.0	52.0
105	22.7	3.6	43.6
51	27.2	6.0	46.0

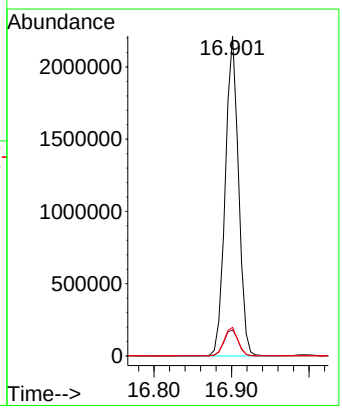


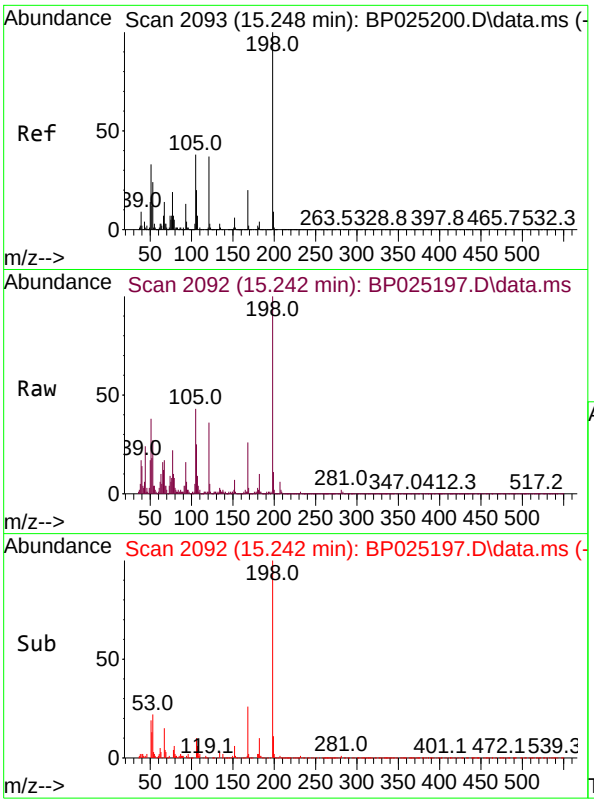


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:188 Resp: 2636351

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.9	7.3	10.9



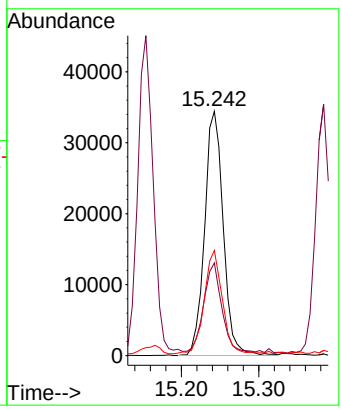


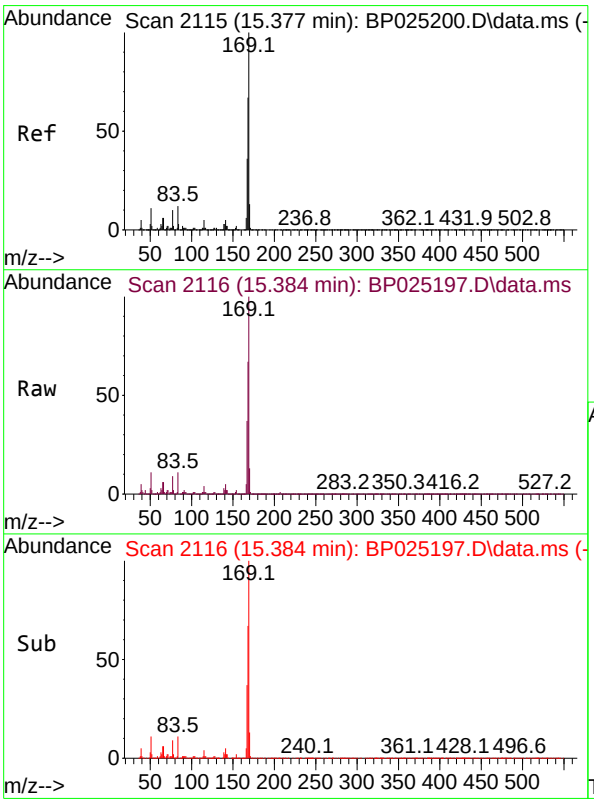
#65
4,6-Dinitro-2-methylphenol
Concen: 3.482 ng
RT: 15.242 min Scan# 20
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 57466

Ion	Ratio	Lower	Upper
198	100		
51	37.9	14.6	54.6
105	43.0	18.3	58.3

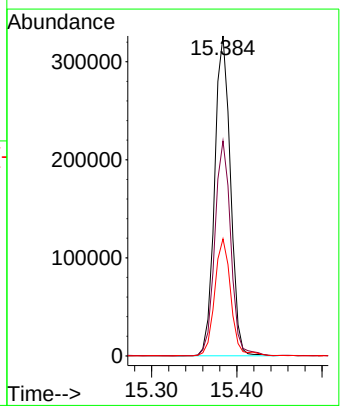


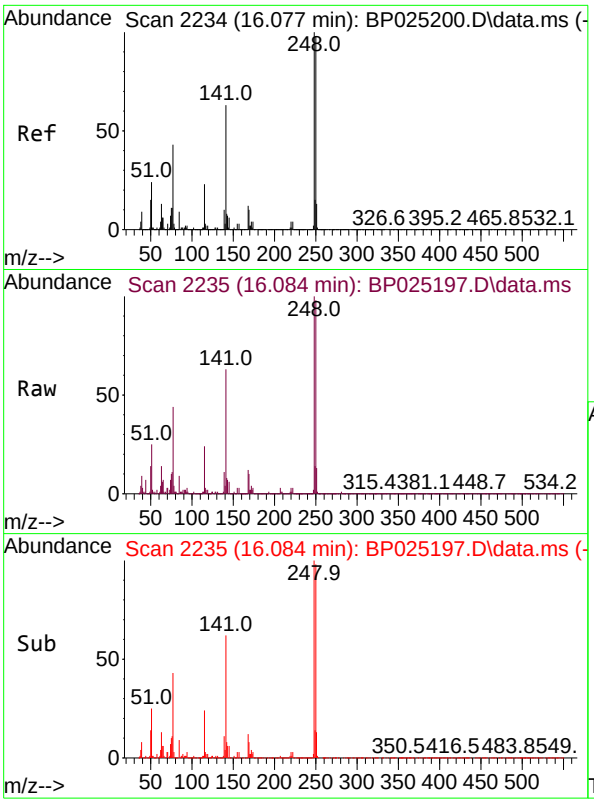


#66
n-Nitrosodiphenylamine
Concen: 5.115 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:169 Resp: 419927

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.7	80.5
167	36.6	29.0	43.6



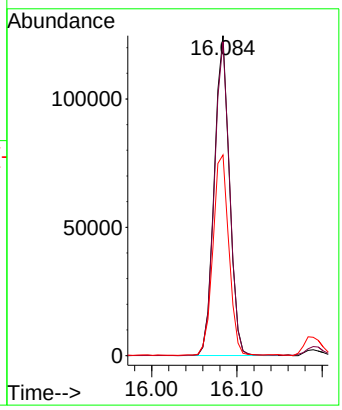


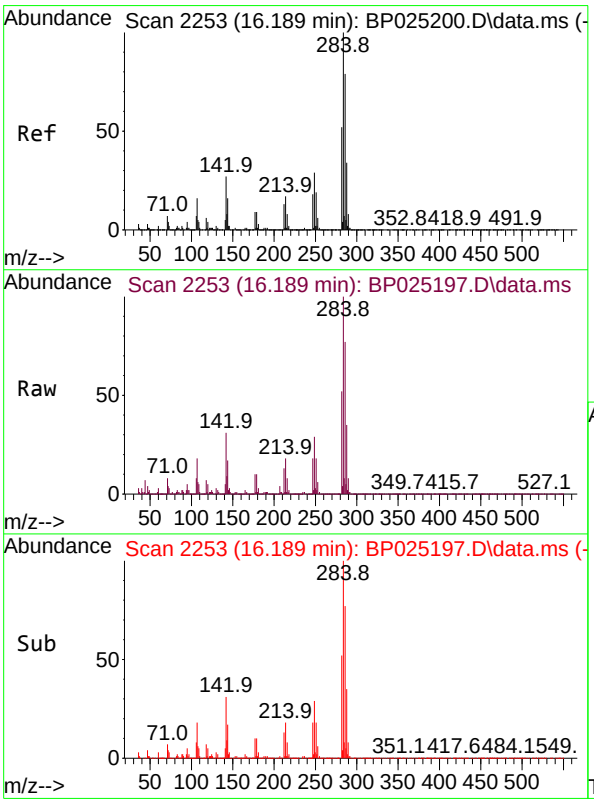
#67
4-Bromophenyl-phenylether
Concen: 4.959 ng
RT: 16.084 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 154137

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.5	117.7
141	62.7	50.5	75.7

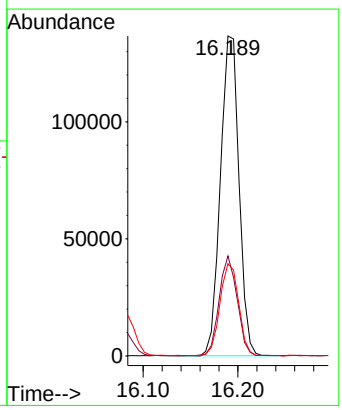


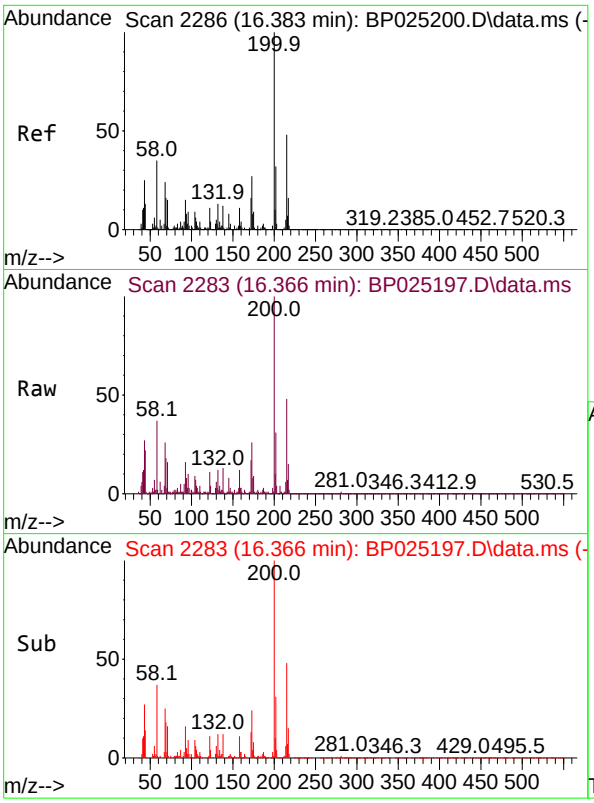


#68
Hexachlorobenzene
Concen: 5.013 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:284 Resp: 186075

Ion	Ratio	Lower	Upper
284	100		
142	31.2	21.5	32.3
249	28.9	23.4	35.0



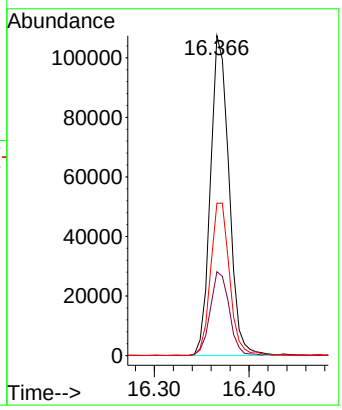


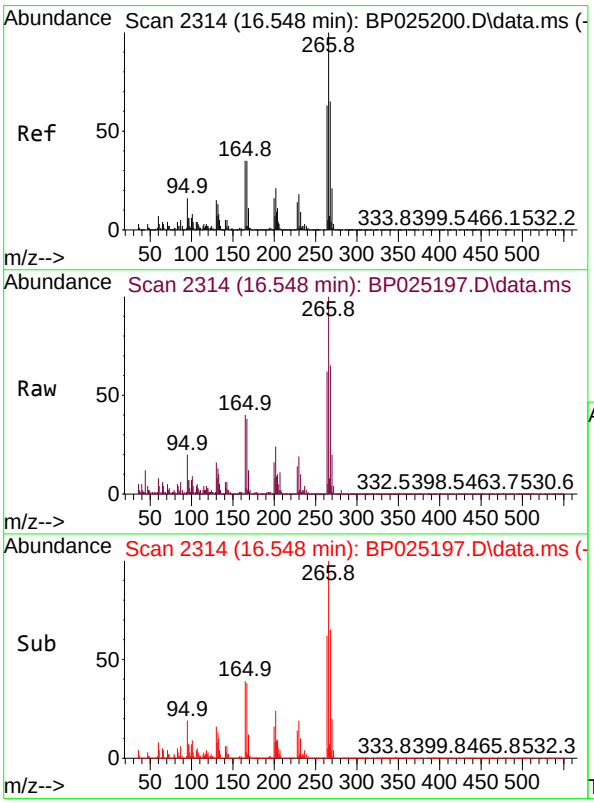
#69
Atrazine
Concen: 4.896 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 146525

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.4	47.4
215	47.6	28.5	68.5

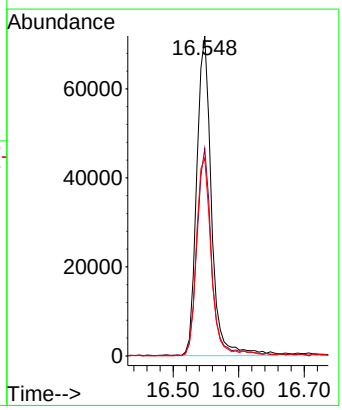


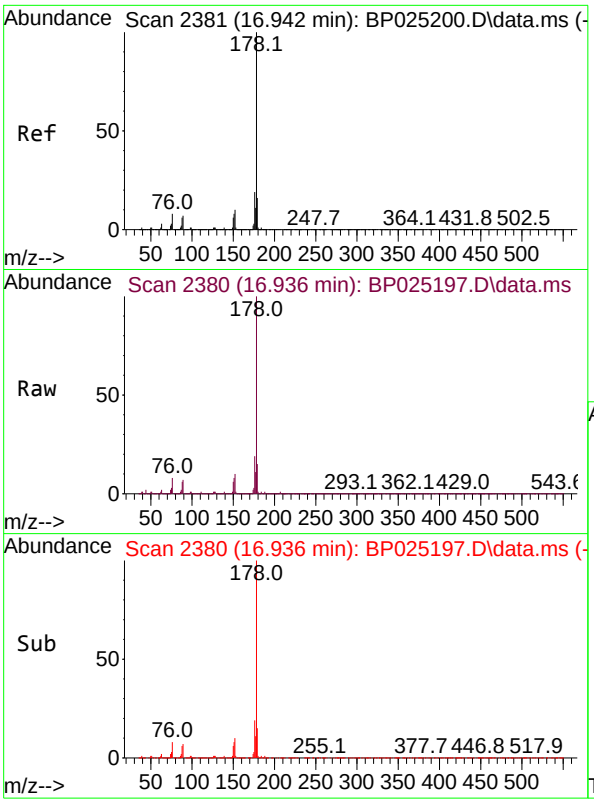


#70
Pentachlorophenol
Concen: 4.533 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:266 Resp: 111990

Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.8	77.6
264	61.8	50.3	75.5



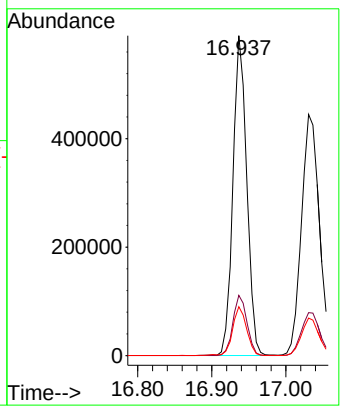


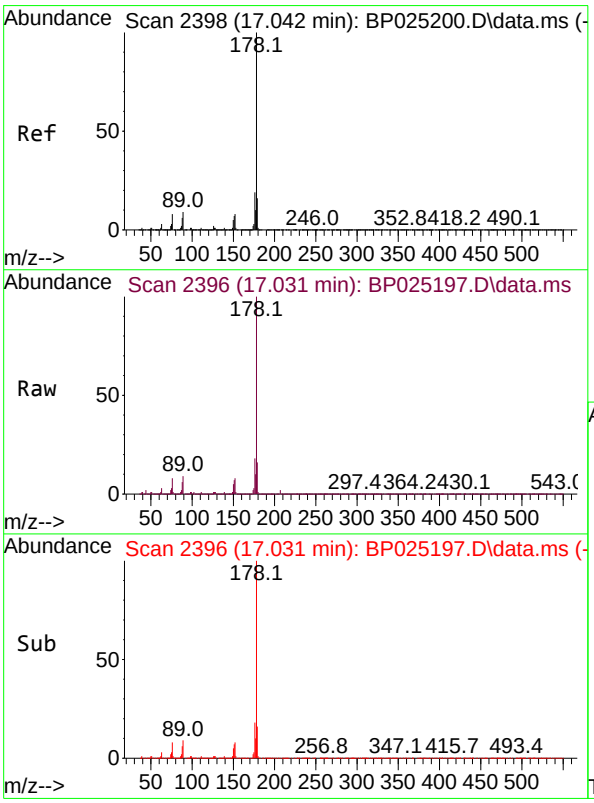
#71
Phenanthrene
Concen: 5.196 ng
RT: 16.936 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 763302

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.3	12.5	18.7

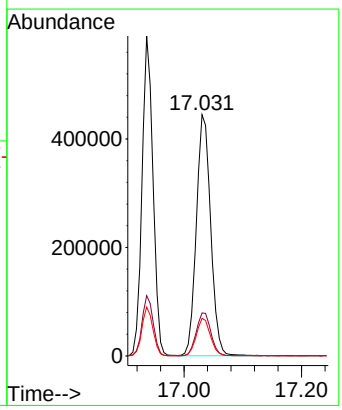


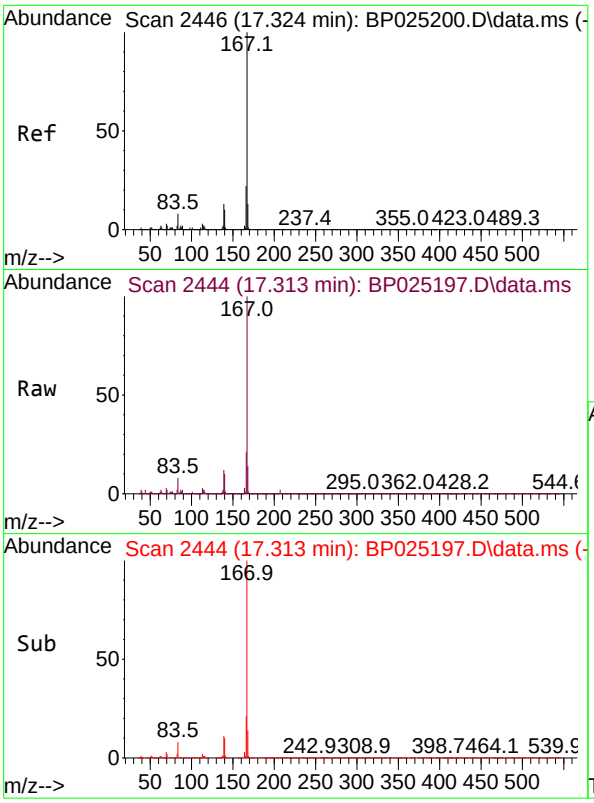


#72
Anthracene
Concen: 5.040 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:178 Resp: 751628

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	15.6	12.5	18.7



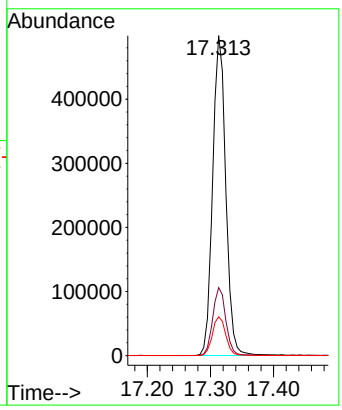


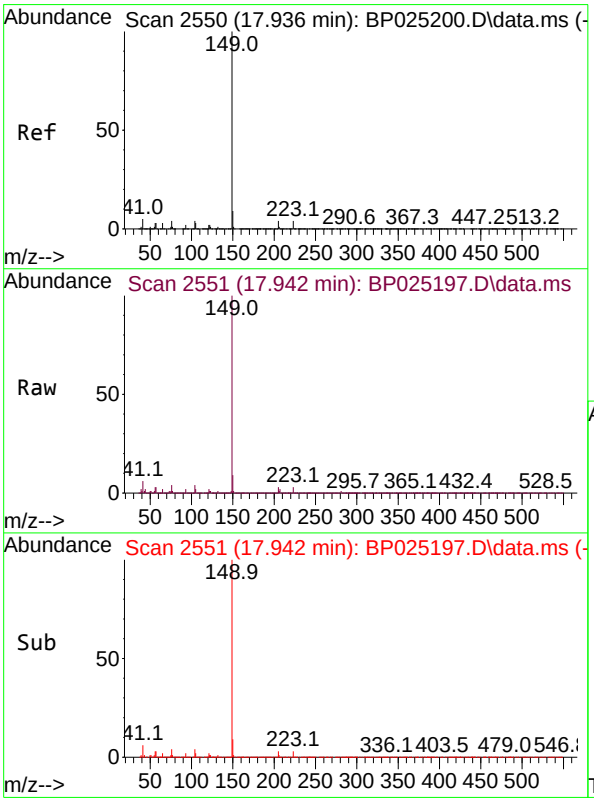
#73
Carbazole
Concen: 5.085 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 721457

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	12.1	10.1	15.1

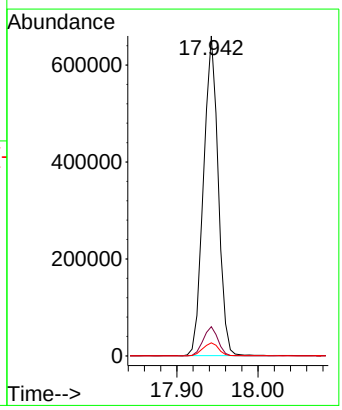


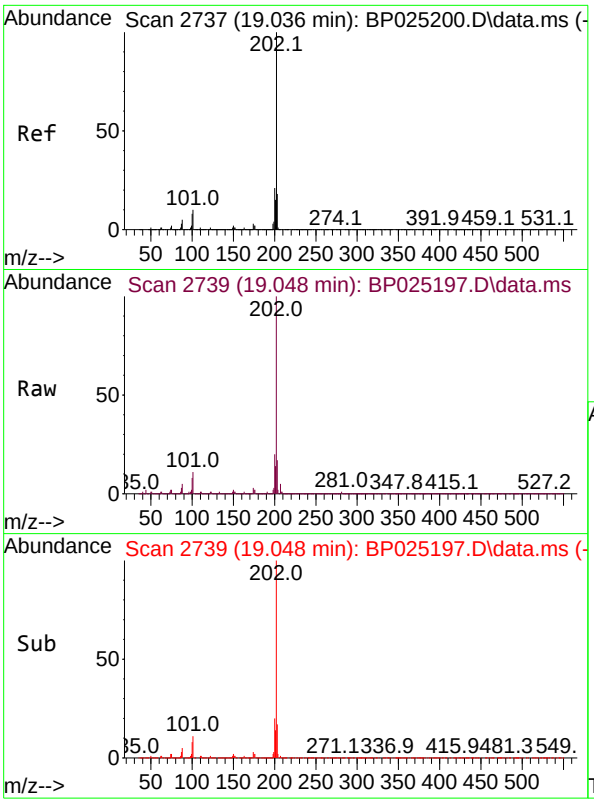


#74
Di-n-butylphthalate
Concen: 5.006 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 832835

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	4.1	3.5	5.3



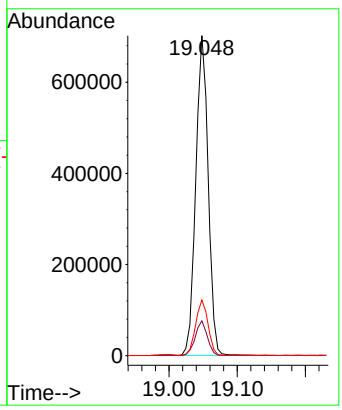


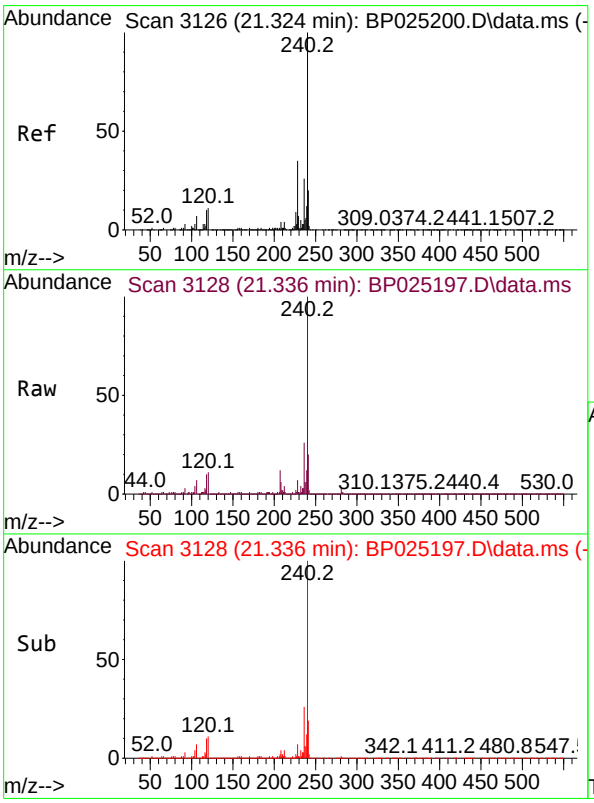
#75
Fluoranthene
Concen: 5.122 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 889535

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	17.4	0.0	38.0

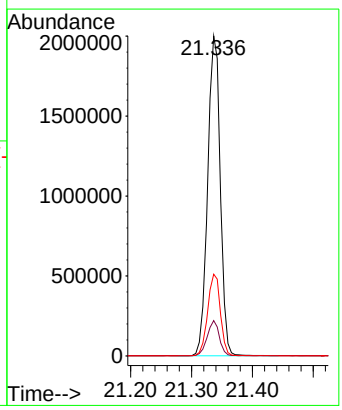


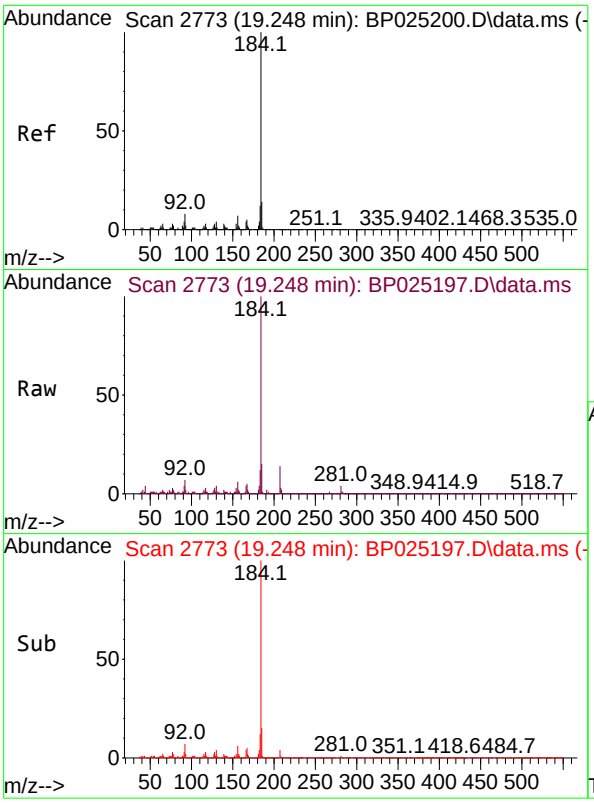


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:240 Resp: 2873366

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	25.5	20.9	31.3



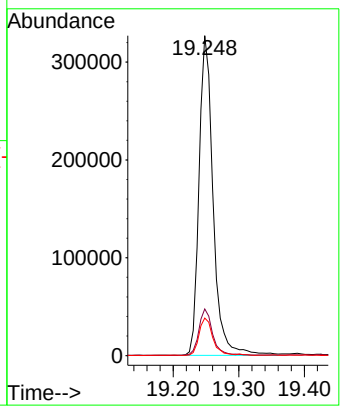


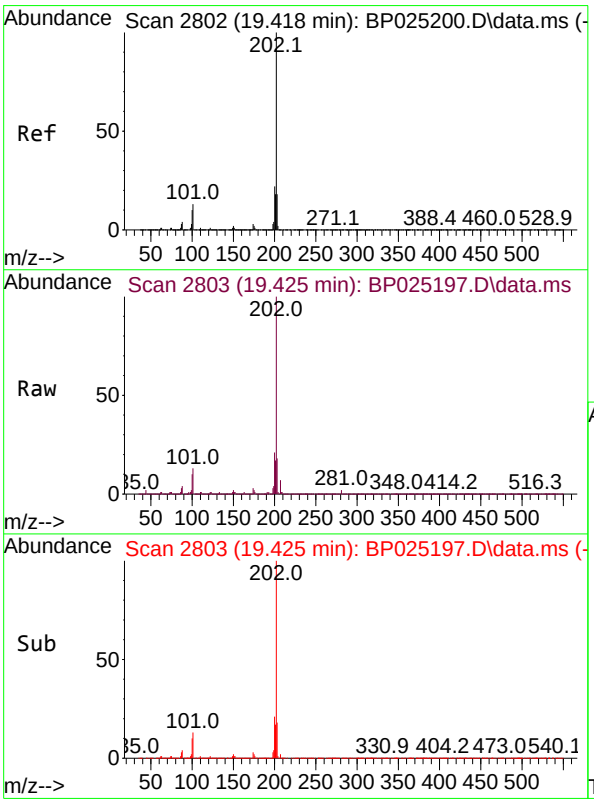
#77
Benzidine
Concen: 4.417 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 484809

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	11.7	9.6	14.4

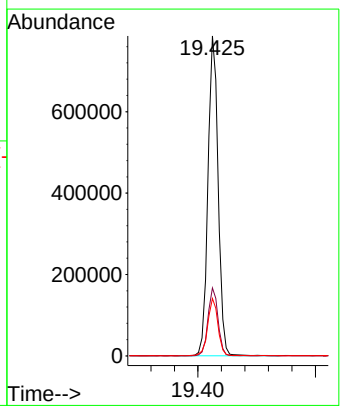


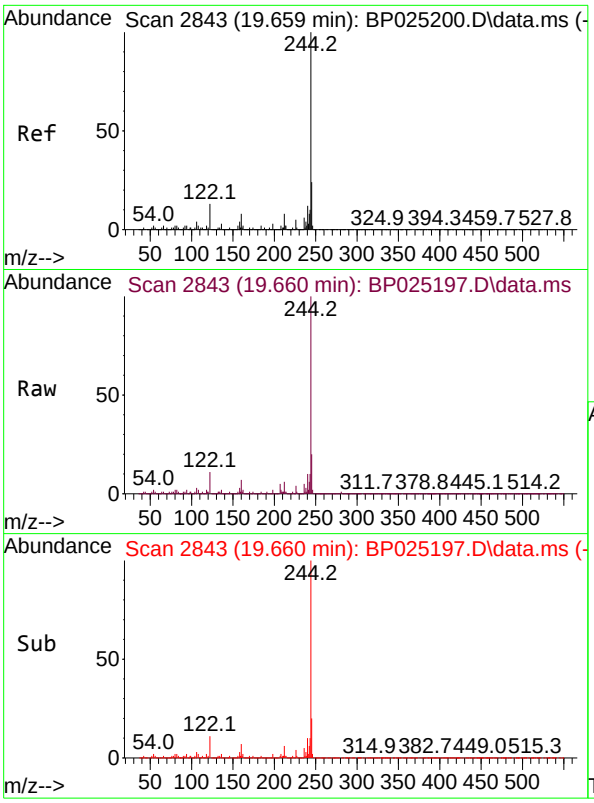


#78
Pyrene
Concen: 5.177 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:202 Resp: 945415

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.9	14.3	21.5



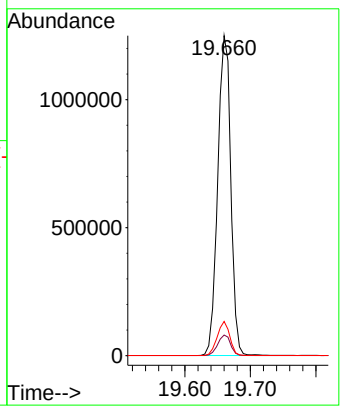


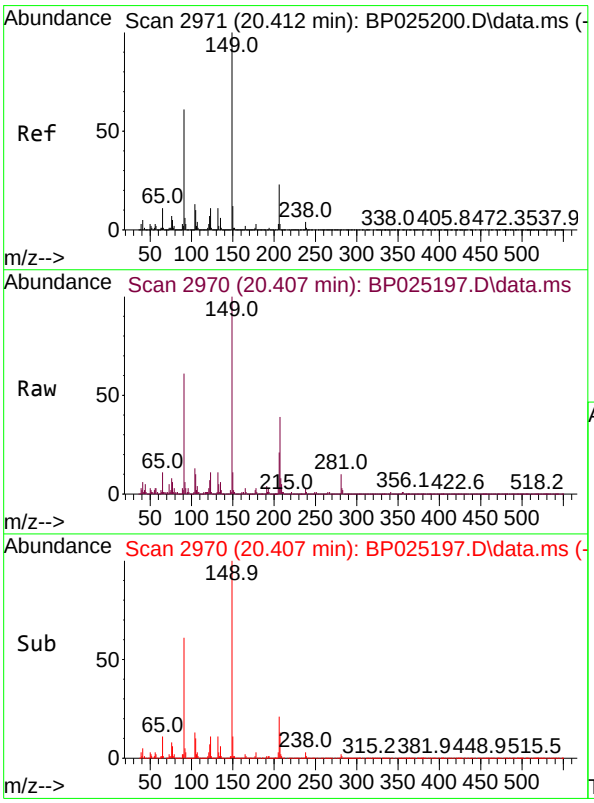
#79
Terphenyl-d14
Concen: 11.285 ng
RT: 19.660 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 1736355

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.6	9.8#
122	10.7	10.3	15.5

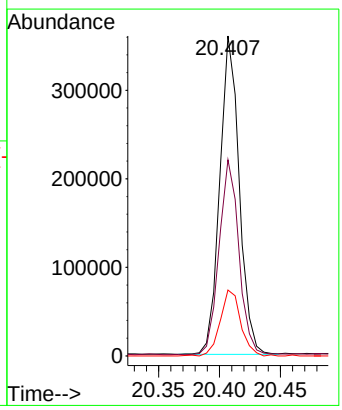


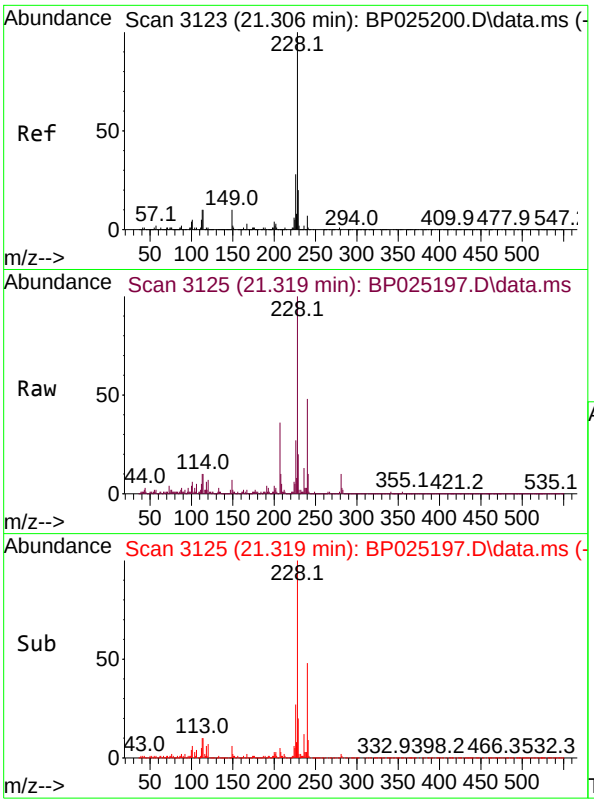


#80
Butylbenzylphthalate
Concen: 4.973 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 400726

Ion	Ratio	Lower	Upper
149	100		
91	61.3	48.8	73.2
206	20.6	18.4	27.6



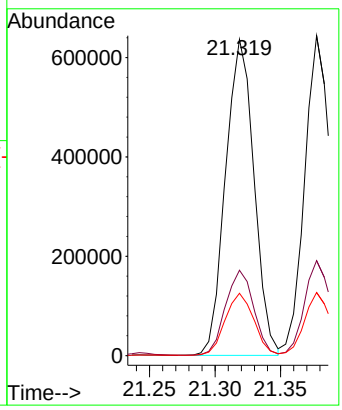


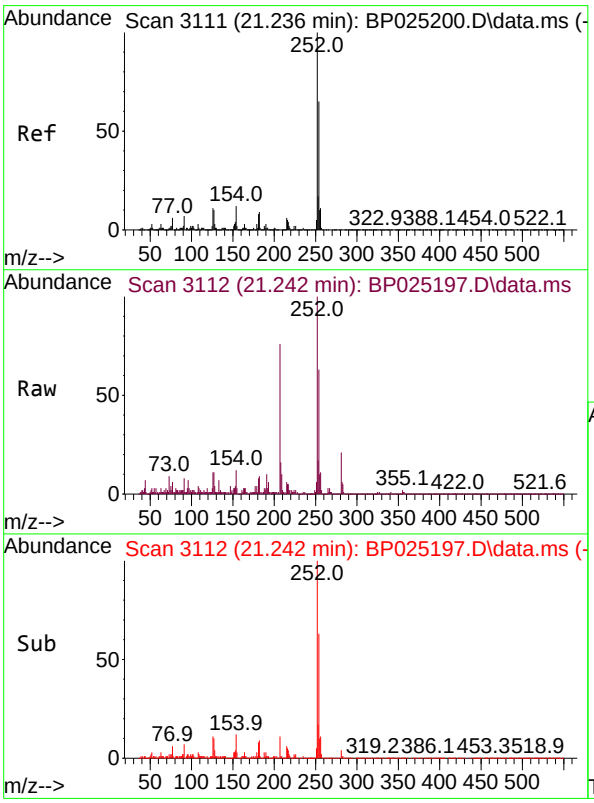
#81
Benzo(a)anthracene
Concen: 5.147 ng
RT: 21.319 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 961933

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	19.7	16.2	24.2

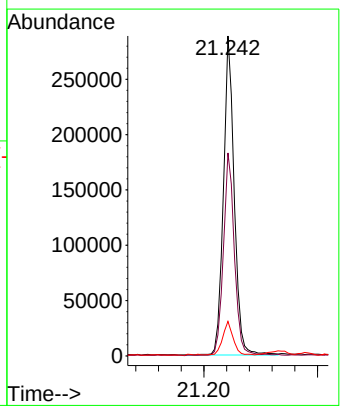


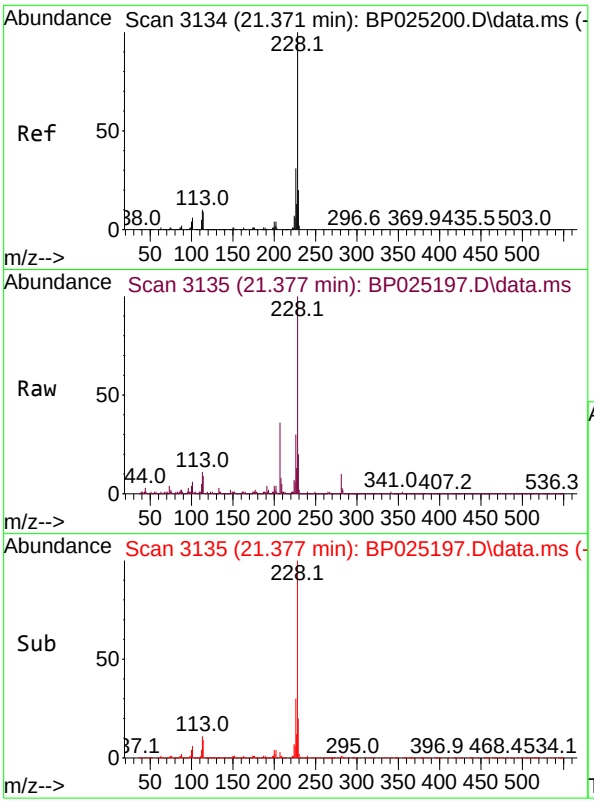


#82
3,3'-Dichlorobenzidine
Concen: 4.955 ng
RT: 21.242 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 379737

Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.1	78.1
126	10.8	8.6	12.8



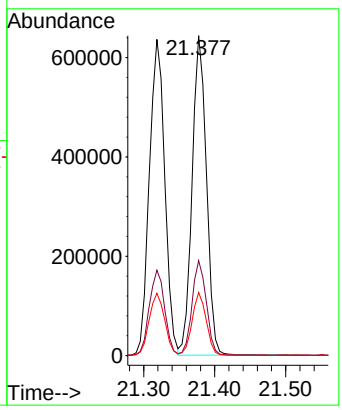


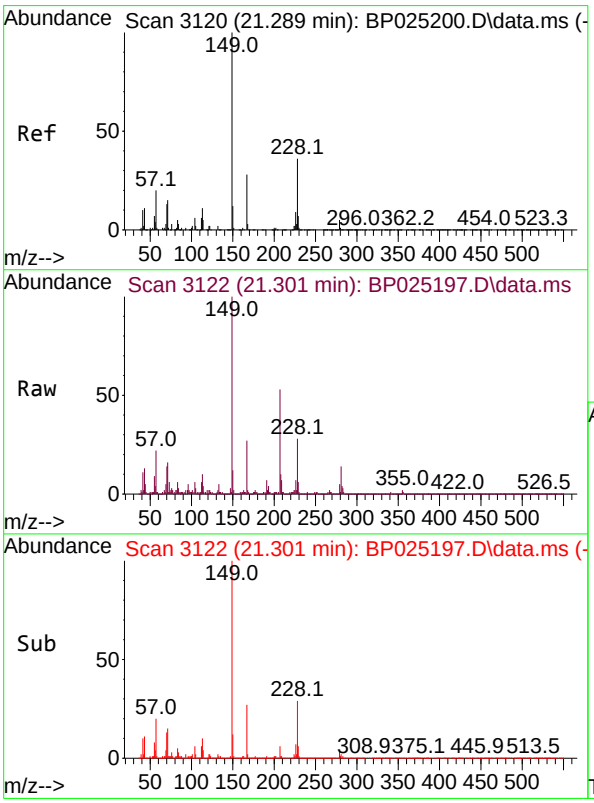
#83
Chrysene
Concen: 5.166 ng
RT: 21.377 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 900450

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	19.7	16.0	24.0

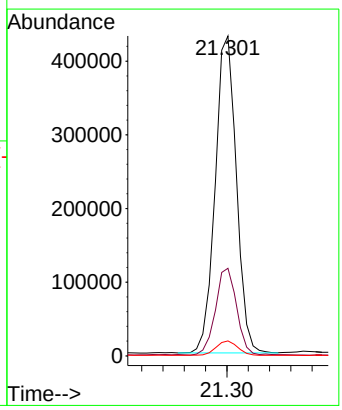


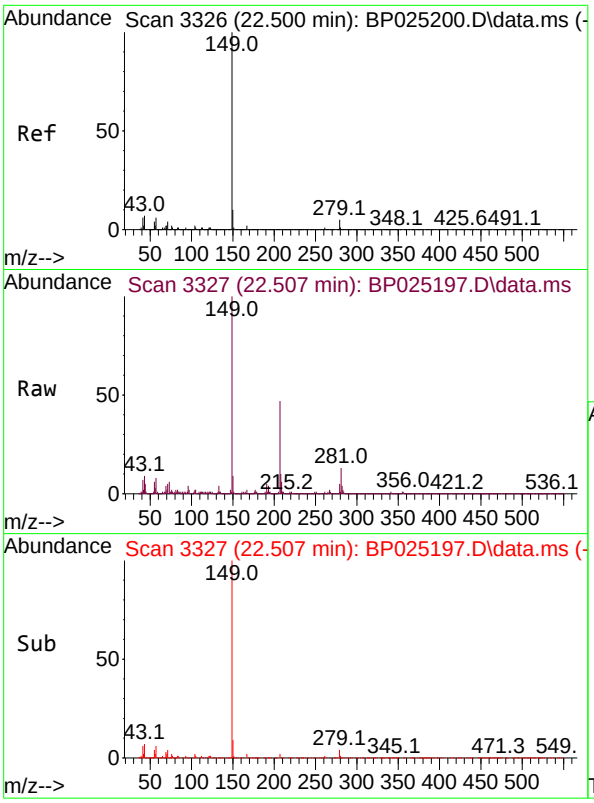


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.064 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 594951

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	34.0
279	4.7	4.0	6.0



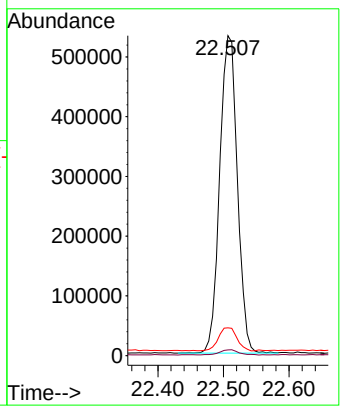


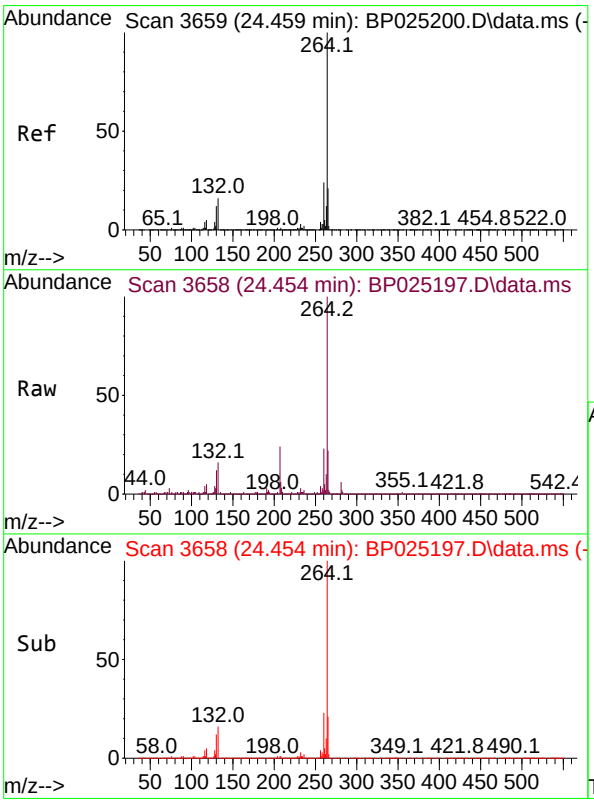
#85
Di-n-octyl phthalate
Concen: 4.872 ng
RT: 22.507 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 997628

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.5	6.1	9.1

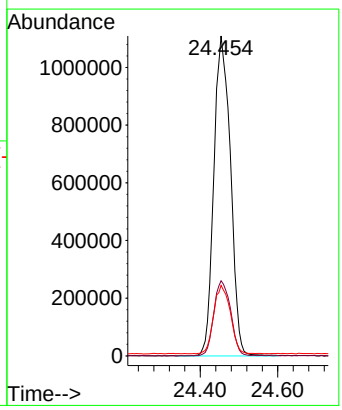


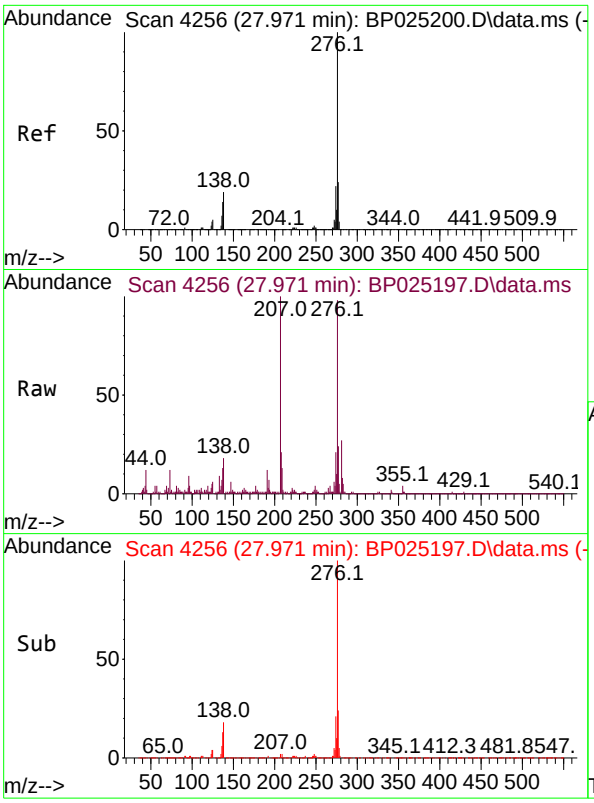


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:264 Resp: 3311045

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.0	17.5	26.3



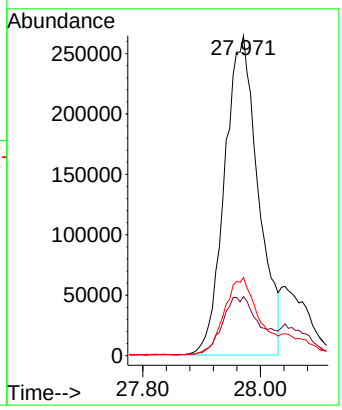


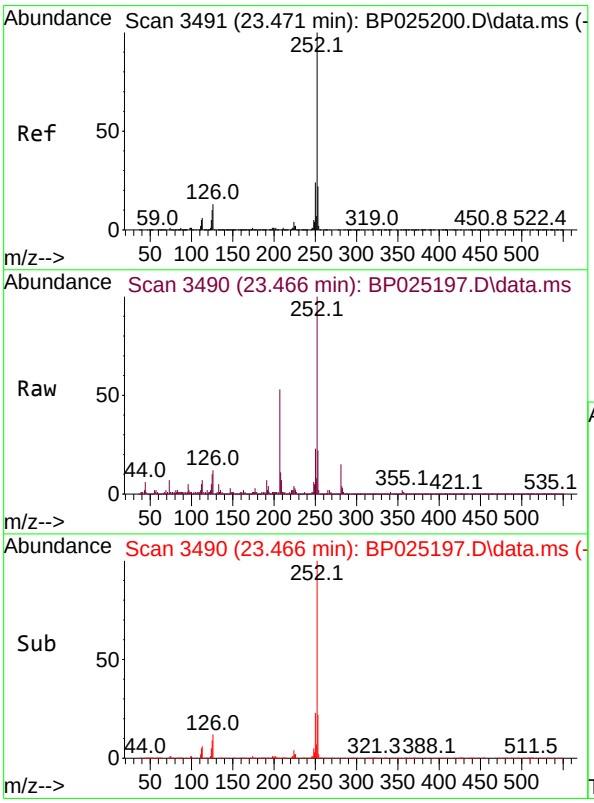
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.319 ng
RT: 27.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 1051142

Ion	Ratio	Lower	Upper
276	100		
138	20.7	12.8	19.2#
277	24.5	20.3	30.5

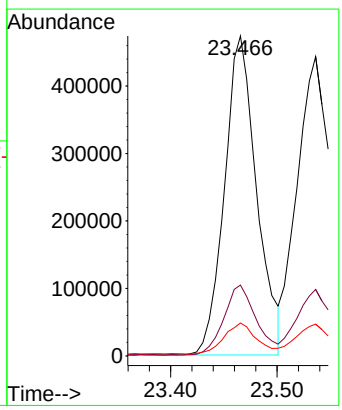


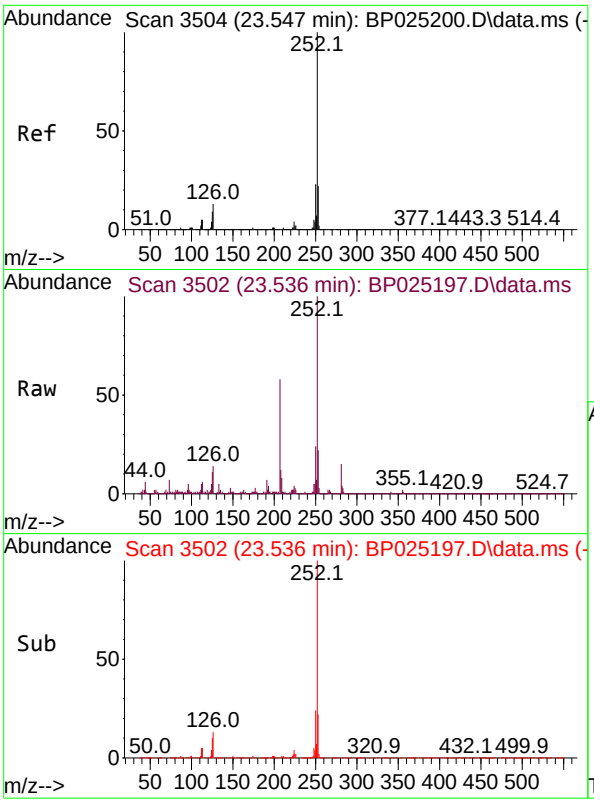


#88
Benzo(b)fluoranthene
Concen: 5.145 ng
RT: 23.466 min Scan# 3490
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 993434

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.3	7.8	11.8



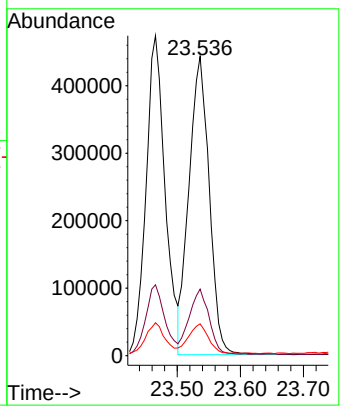


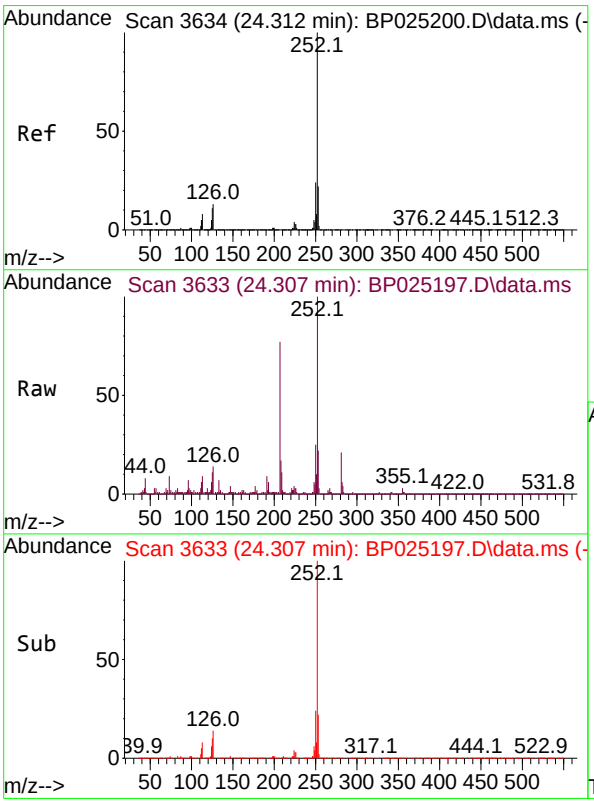
#89
Benzo(k)fluoranthene
Concen: 5.140 ng
RT: 23.536 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 985473

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.6	7.5	11.3

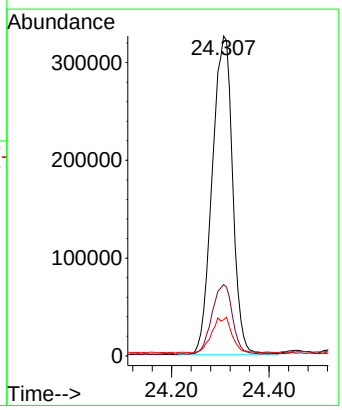


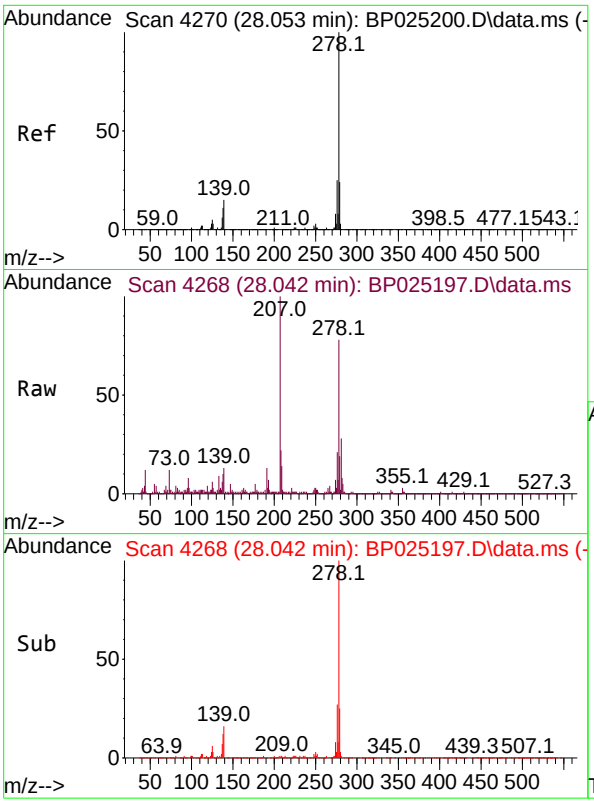


#90
Benzo(a)pyrene
Concen: 5.054 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 947324

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.3	8.6	12.8



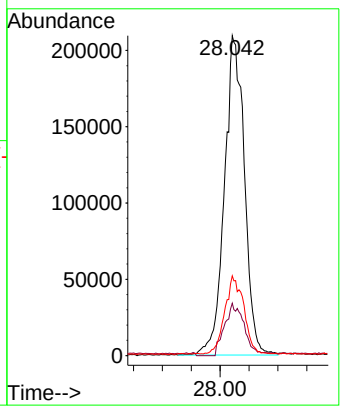


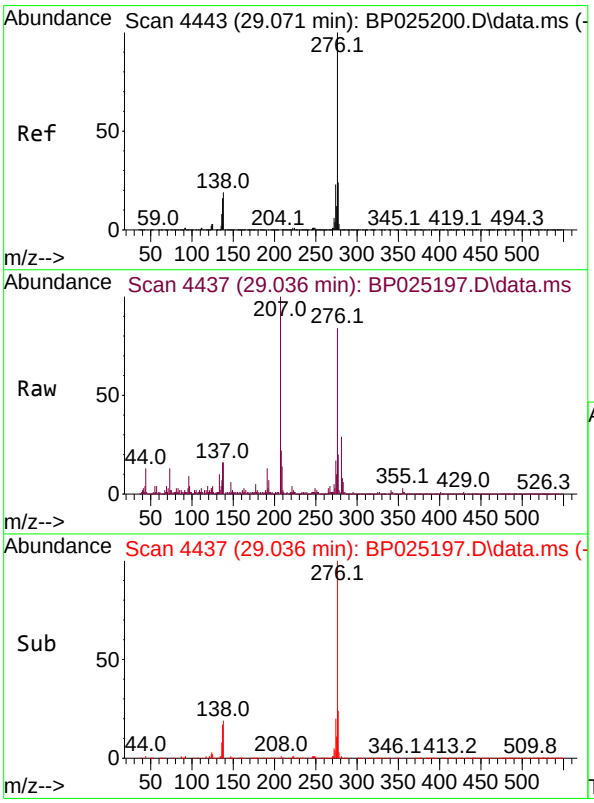
#91
Dibenzo(a,h)anthracene
Concen: 5.042 ng
RT: 28.042 min Scan# 4
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 1006331

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.0	18.0
279	24.9	19.5	29.3

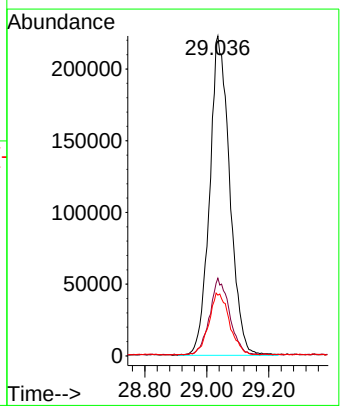




#92
Benzo(g,h,i)perylene
Concen: 5.127 ng
RT: 29.036 min Scan# 4437
Delta R.T. -0.035 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:276 Resp: 1002521

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	19.0	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	613538	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	2516404	20.000	ng		0.00
39) Acenaphthene-d10	14.072	164	1604001	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	3210937	20.000	ng		0.00
76) Chrysene-d12	21.330	240	3337112	20.000	ng		0.00
86) Perylene-d12	24.465	264	3976559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	3807103	103.663	ng		0.00
7) Phenol-d6	6.637	99	4736983	104.474	ng		0.00
23) Nitrobenzene-d5	8.560	82	4781399	104.177	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	2533319	106.212	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	11917555	98.364	ng		0.00
79) Terphenyl-d14	19.654	244	16139665	90.322	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	713110	51.665	ng		99
3) Pyridine	3.490	79	1930182	52.798	ng		99
4) n-Nitrosodimethylamine	3.408	42	770132	53.378	ng		97
6) Aniline	6.778	93	3124470	52.991	ng		100
8) 2-Chlorophenol	7.008	128	2180013	52.755	ng		99
9) Benzaldehyde	6.596	77	1896798	58.538	ng		99
10) Phenol	6.660	94	2474823	52.755	ng		99
11) bis(2-Chloroethyl)ether	6.878	93	1906690	52.936	ng		100
12) 1,3-Dichlorobenzene	7.325	146	2422569	51.674	ng		99
13) 1,4-Dichlorobenzene	7.466	146	2458987	51.975	ng		99
14) 1,2-Dichlorobenzene	7.772	146	2365873	52.043	ng		99
15) Benzyl Alcohol	7.666	79	1722446	52.999	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	2446484	52.952	ng		100
17) 2-Methylphenol	7.878	107	1733573	53.427	ng		100
18) Hexachloroethane	8.484	117	853688	52.844	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	1455206	53.253	ng		99
20) 3+4-Methylphenols	8.196	107	2375514	53.601	ng		99
22) Acetophenone	8.237	105	3084434	51.751	ng	#	98
24) Nitrobenzene	8.602	77	2126232	52.274	ng		97
25) Isophorone	9.125	82	4172561	51.908	ng		99
26) 2-Nitrophenol	9.302	139	1267530	55.364	ng		98
27) 2,4-Dimethylphenol	9.378	122	2063358	52.940	ng		100
28) bis(2-Chloroethoxy)met...	9.607	93	2625875	52.034	ng		100
29) 2,4-Dichlorophenol	9.831	162	2113695	52.875	ng		99
30) 1,2,4-Trichlorobenzene	10.049	180	2270580	51.620	ng		99
31) Naphthalene	10.225	128	6732644	51.375	ng		99
32) Benzoic acid	9.543	122	1647738	57.886	ng		98
33) 4-Chloroaniline	10.331	127	2986136	52.480	ng		99
34) Hexachlorobutadiene	10.519	225	1366194	51.718	ng		100
35) Caprolactam	11.137	113	701610	53.331	ng		98
36) 4-Chloro-3-methylphenol	11.484	107	2098032	52.551	ng		99
37) 2-Methylnaphthalene	11.854	142	4376533	51.634	ng		99
38) 1-Methylnaphthalene	12.072	142	4608074	51.546	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	2560877	52.721	ng		100
41) Hexachlorocyclopentadiene	12.219	237	1616183	58.674	ng		100
43) 2,4,6-Trichlorophenol	12.484	196	1770617	53.947	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

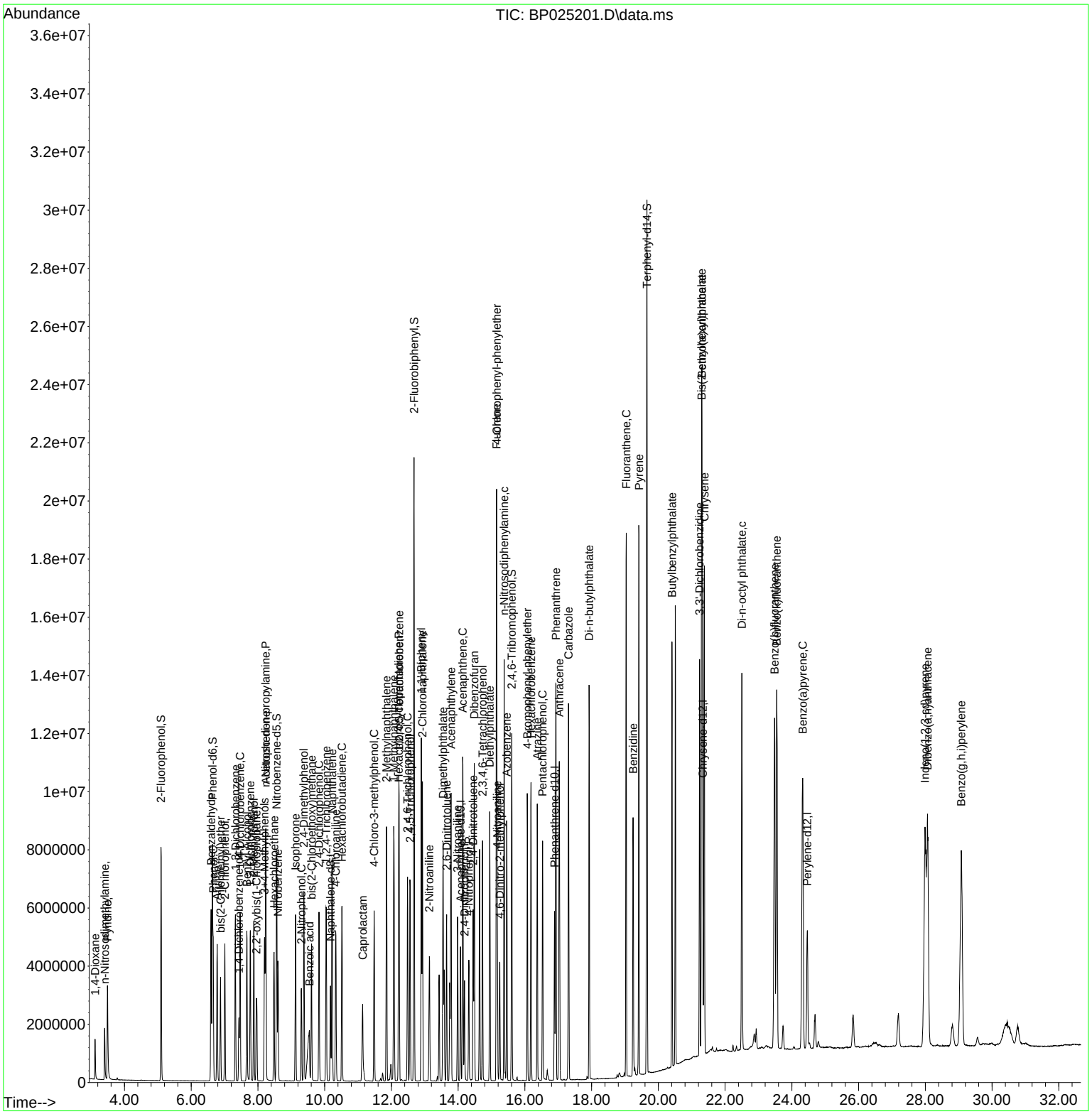
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1918353	53.026	ng		99
46) 1,1'-Biphenyl	12.895	154	6024880	50.798	ng		100
47) 2-Chloronaphthalene	12.931	162	4722917	51.398	ng		99
48) 2-Nitroaniline	13.137	65	1277778	55.436	ng		99
49) Acenaphthylene	13.790	152	7853263	52.119	ng		99
50) Dimethylphthalate	13.548	163	6045361	51.655	ng		99
51) 2,6-Dinitrotoluene	13.654	165	1345243	54.301	ng		100
52) Acenaphthene	14.137	154	4517722	52.046	ng		99
53) 3-Nitroaniline	13.984	138	1538228	55.030	ng		97
54) 2,4-Dinitrophenol	14.190	184	845681	60.917	ng		98
55) Dibenzofuran	14.484	168	7155195	50.912	ng		100
56) 4-Nitrophenol	14.319	139	1296281	54.419	ng		99
57) 2,4-Dinitrotoluene	14.448	165	1931788	55.973	ng		98
58) Fluorene	15.148	166	5666693	50.552	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1711112	53.430	ng		99
60) Diethylphthalate	14.948	149	6032748	52.170	ng		100
61) 4-Chlorophenyl-phenyle...	15.154	204	2822385	49.953	ng		97
62) 4-Nitroaniline	15.172	138	1557916	54.694	ng		99
63) Azobenzene	15.454	77	4887978	52.623	ng		97
65) 4,6-Dinitro-2-methylph...	15.248	198	1165979	58.004	ng		98
66) n-Nitrosodiphenylamine	15.378	169	5088804	50.889	ng		100
67) 4-Bromophenyl-phenylether	16.072	248	1990339	52.573	ng		99
68) Hexachlorobenzene	16.184	284	2321405	51.350	ng		96
69) Atrazine	16.372	200	1920612	52.693	ng		99
70) Pentachlorophenol	16.531	266	1626155	54.041	ng		99
71) Phenanthrene	16.931	178	8929922	49.912	ng		100
72) Anthracene	17.031	178	9319174	51.310	ng		100
73) Carbazole	17.307	167	8838811	51.147	ng		99
74) Di-n-butylphthalate	17.925	149	10436099	51.501	ng		99
75) Fluoranthene	19.036	202	10486987	49.574	ng		99
77) Benzidine	19.242	184	5973577	46.861	ng		100
78) Pyrene	19.419	202	10669709	50.310	ng		99
80) Butylbenzylphthalate	20.407	149	4896472	52.320	ng		97
81) Benzo(a)anthracene	21.307	228	11027653	50.804	ng		99
82) 3,3'-Dichlorobenzidine	21.236	252	4590583	51.576	ng		100
83) Chrysene	21.377	228	10311953	50.942	ng		100
84) Bis(2-ethylhexyl)phtha...	21.295	149	7009358	51.373	ng		100
85) Di-n-octyl phthalate	22.501	149	12446110	52.335	ng		100
87) Indeno(1,2,3-cd)pyrene	27.989	276	13365301	45.723	ng	#	96
88) Benzo(b)fluoranthene	23.483	252	11802054	50.891	ng		100
89) Benzo(k)fluoranthene	23.548	252	11941338	51.862	ng		99
90) Benzo(a)pyrene	24.324	252	11759136	52.237	ng		99
91) Dibenzo(a,h)anthracene	28.065	278	12441007	51.898	ng		100
92) Benzo(g,h,i)perylene	29.077	276	12183528	51.884	ng		98

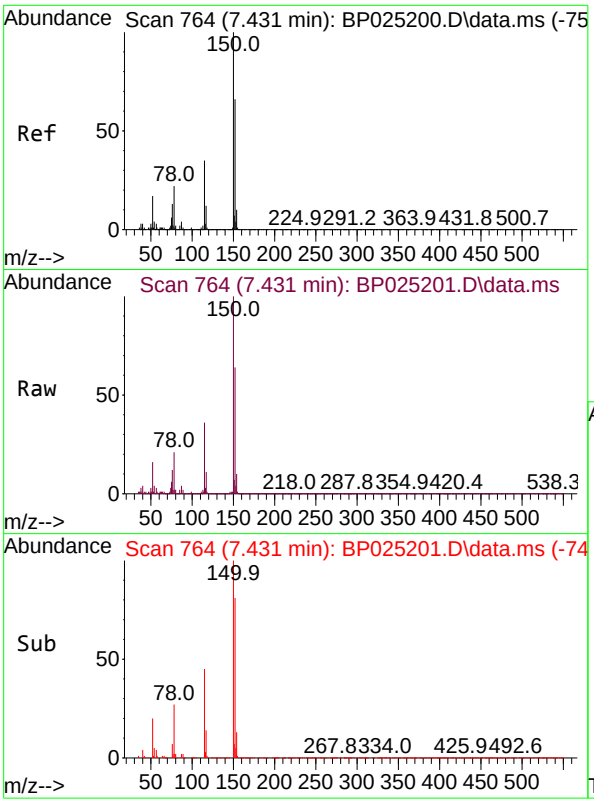
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



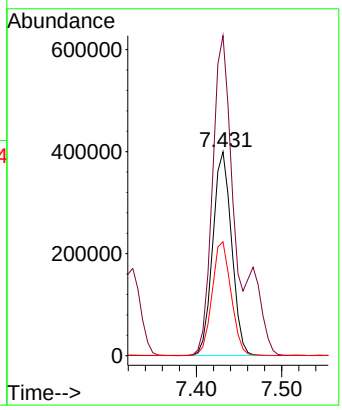


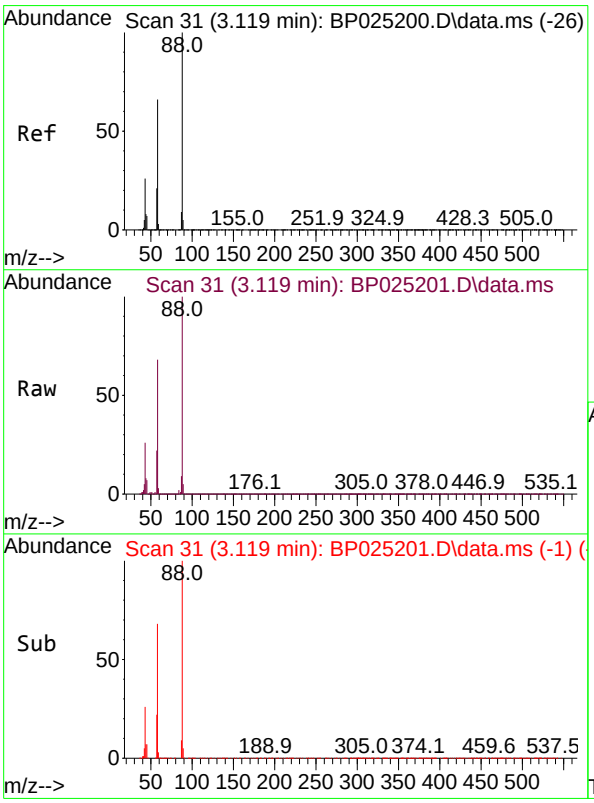
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 613538

Ion	Ratio	Lower	Upper
152	100		
150	157.0	121.9	182.9
115	55.8	43.0	64.6

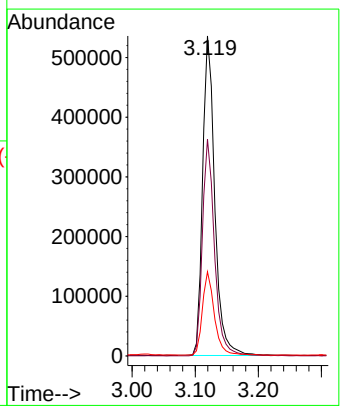


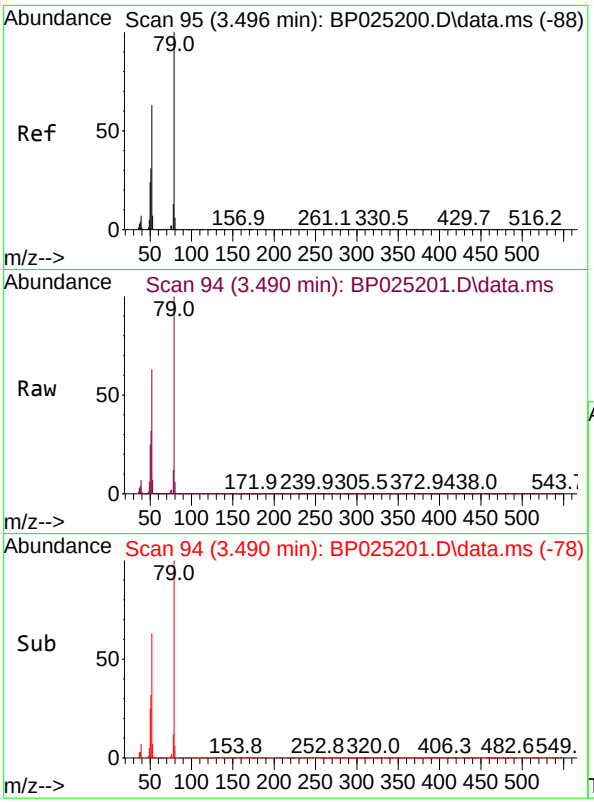


#2
1,4-Dioxane
Concen: 51.665 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 88 Resp: 713110

Ion	Ratio	Lower	Upper
88	100		
58	67.7	53.5	80.3
43	25.8	20.8	31.2



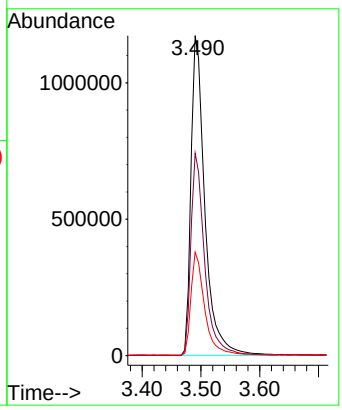


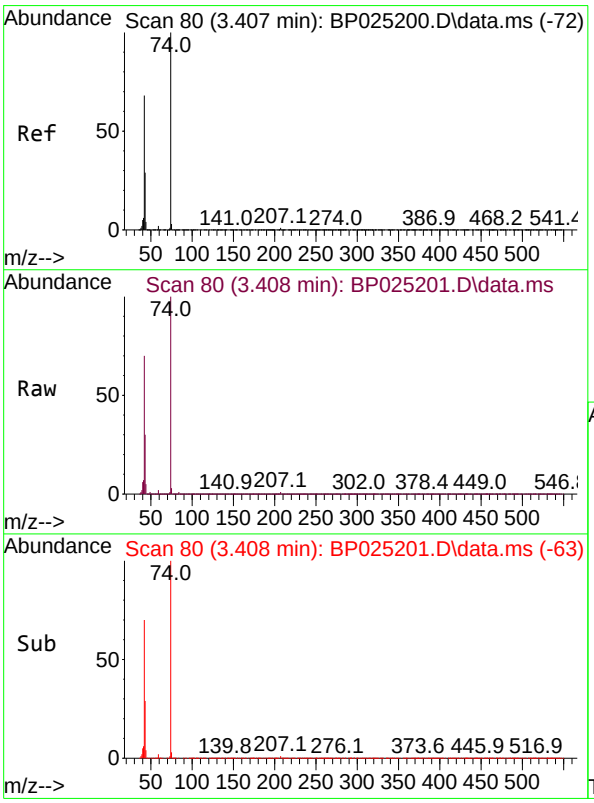
#3
Pyridine
Concen: 52.798 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1930182

Ion	Ratio	Lower	Upper
79	100		
52	63.3	50.2	75.4
51	32.3	25.0	37.4

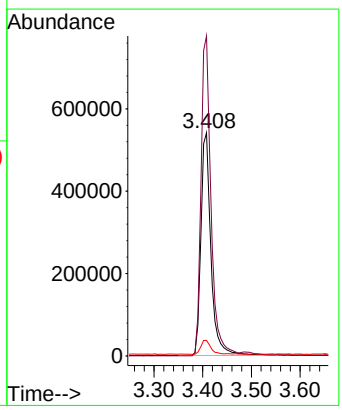


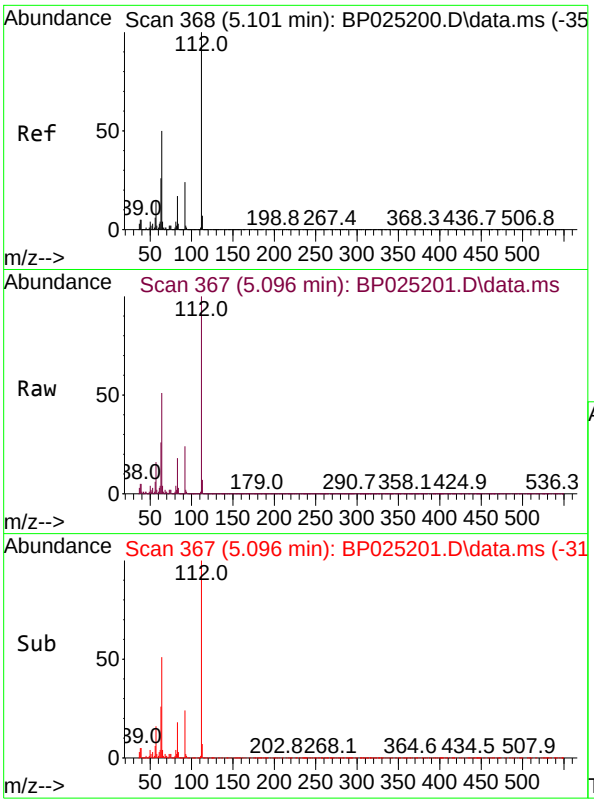


#4
n-Nitrosodimethylamine
Concen: 53.378 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 42 Resp: 770132

Ion	Ratio	Lower	Upper
42	100		
74	143.4	118.0	177.0
44	6.9	5.5	8.3



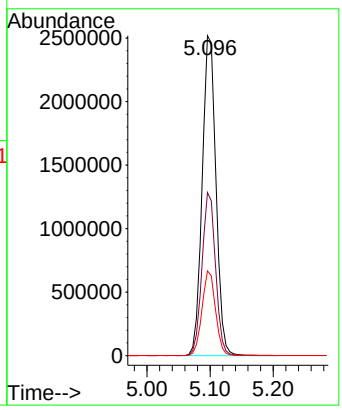


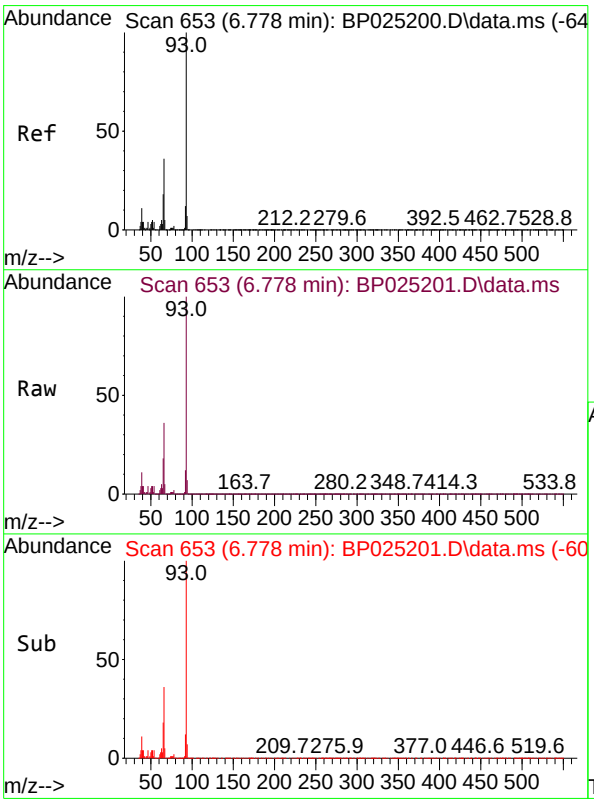
#5
2-Fluorophenol
Concen: 103.663 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 3807103

Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.8	59.6
63	26.5	20.5	30.7

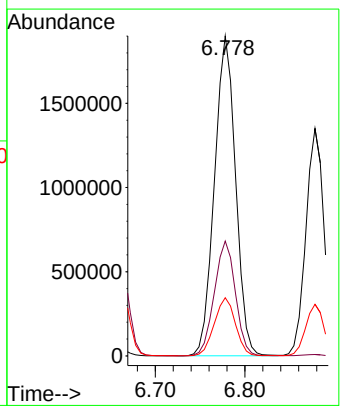


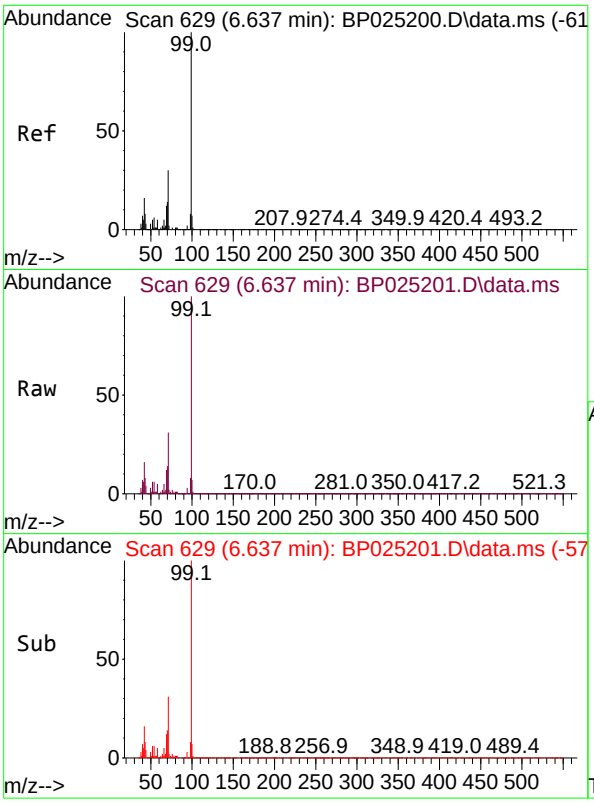


#6
Aniline
Concen: 52.991 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 3124470

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.6	43.0
65	18.2	14.6	21.8



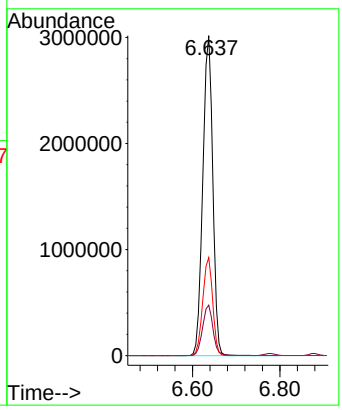


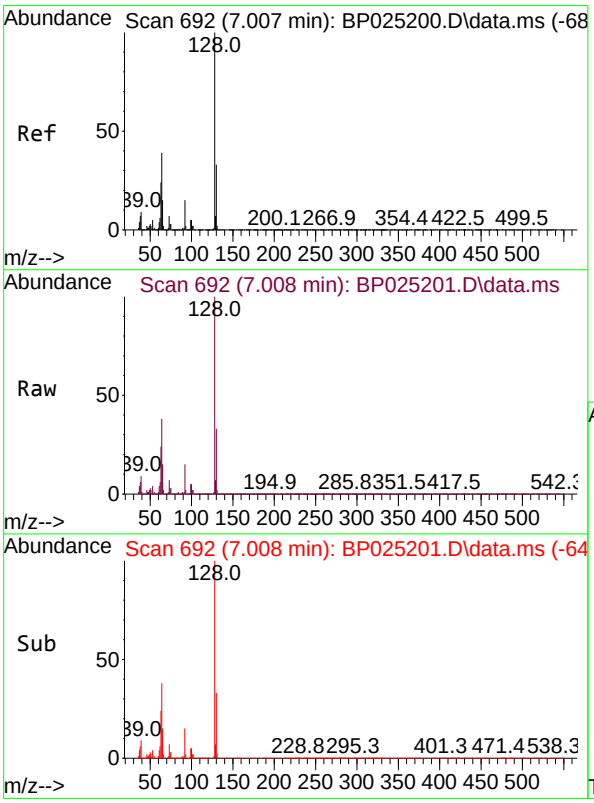
#7
Phenol-d6
Concen: 104.474 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 4736983

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	30.6	24.2	36.2

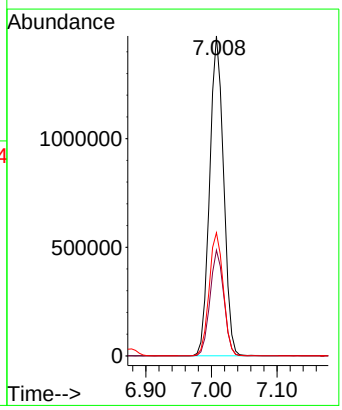


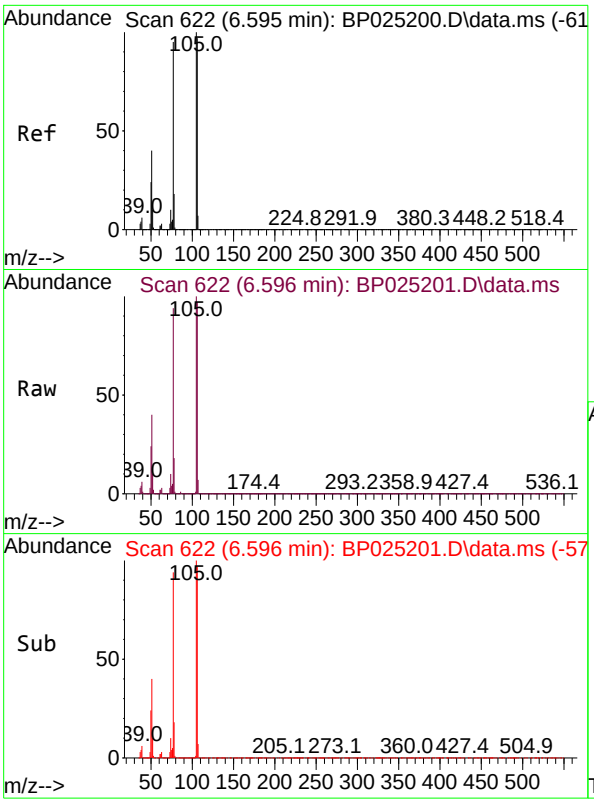


#8
2-Chlorophenol
Concen: 52.755 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:128 Resp: 2180013

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	38.5	19.2	59.2



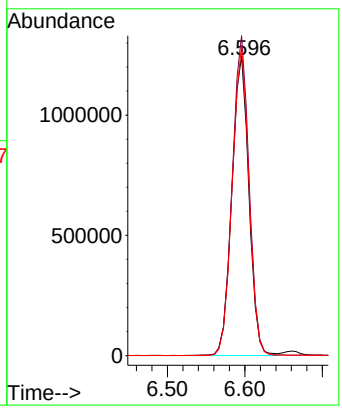


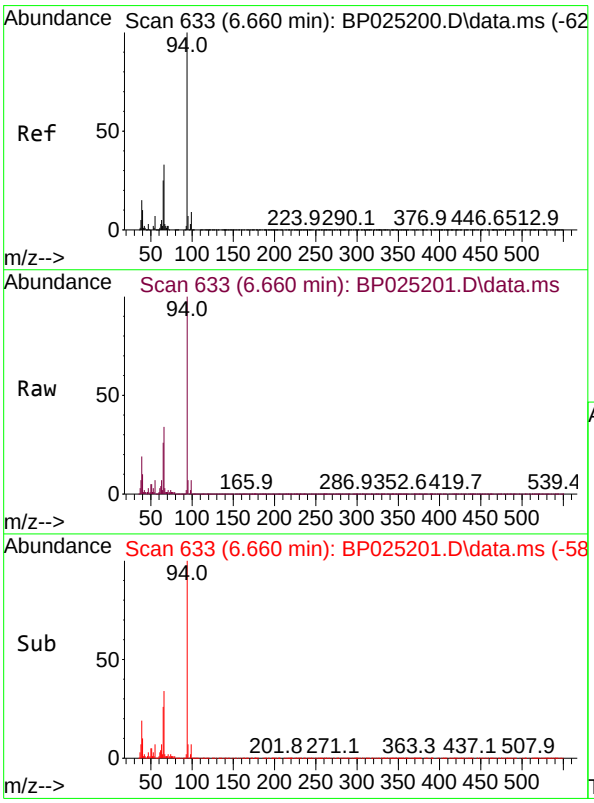
#9
Benzaldehyde
Concen: 58.538 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 1896798

Ion	Ratio	Lower	Upper
77	100		
105	106.8	85.5	125.5
106	103.4	81.9	121.9

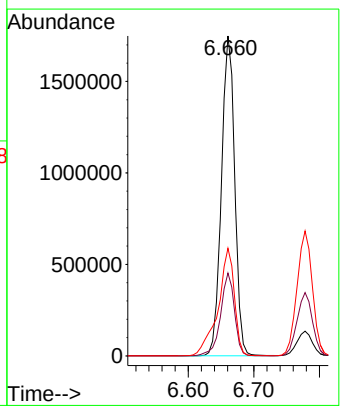


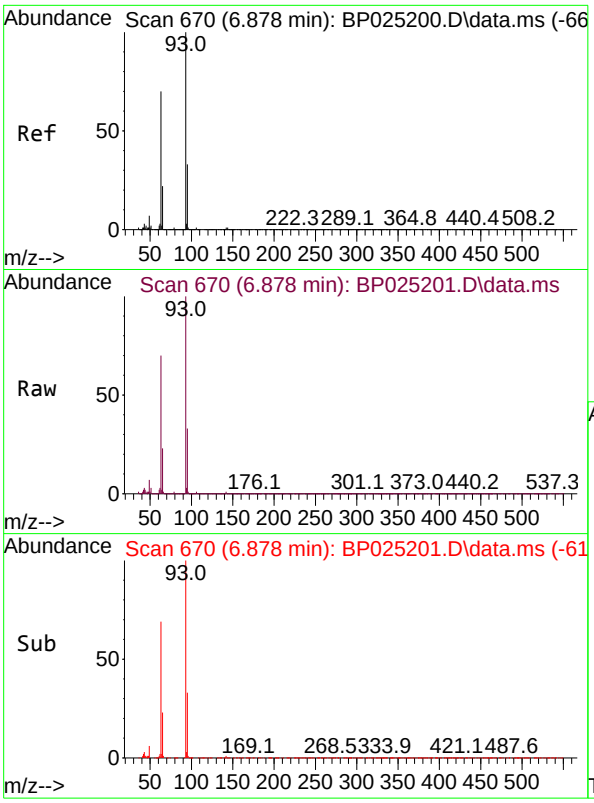


#10
Phenol
Concen: 52.755 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 94 Resp: 2474823

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.4	45.4
66	33.6	13.5	53.5



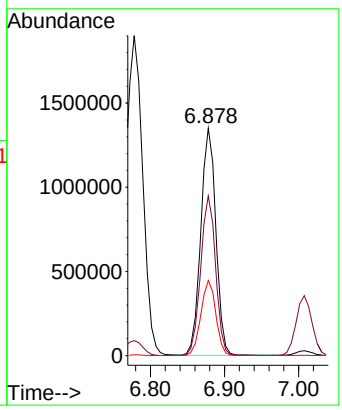


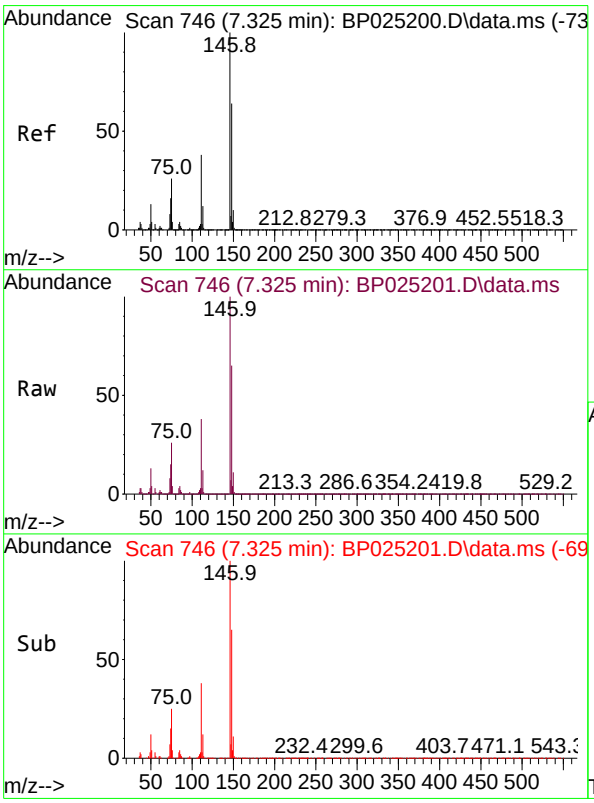
#11
bis(2-Chloroethyl)ether
Concen: 52.936 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1906690

Ion	Ratio	Lower	Upper
93	100		
63	70.1	50.0	90.0
95	33.0	12.9	52.9

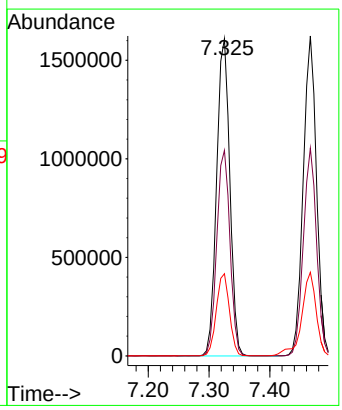


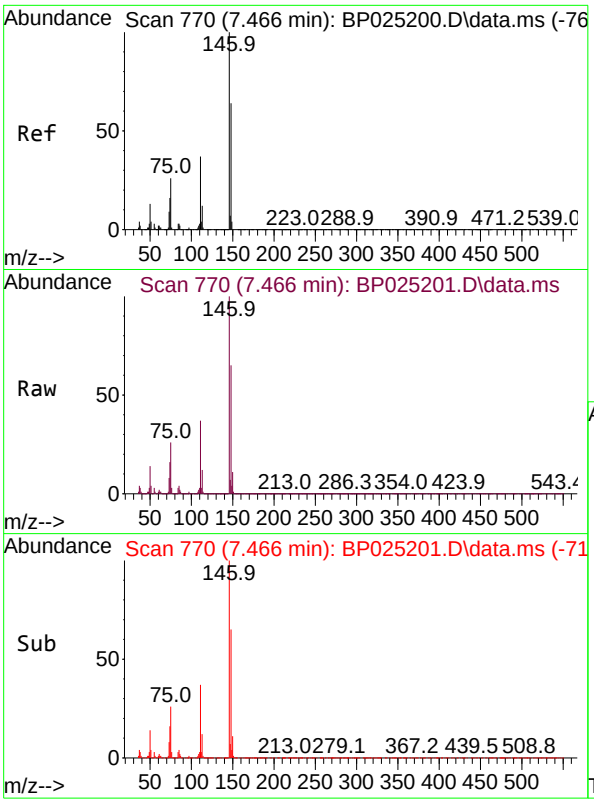


#12
1,3-Dichlorobenzene
Concen: 51.674 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2422569

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	25.9	20.6	31.0



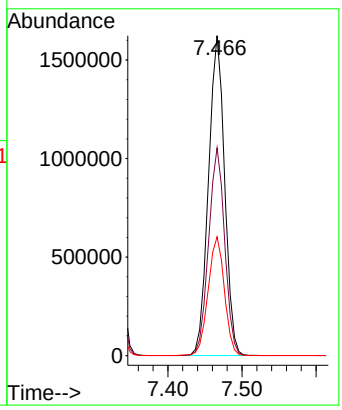


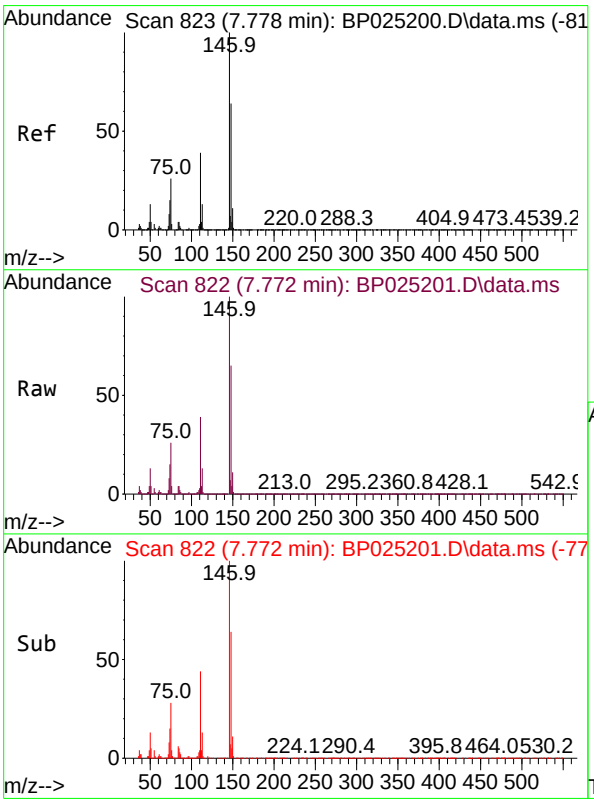
#13
1,4-Dichlorobenzene
Concen: 51.975 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 2458987

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
111	37.1	29.9	44.9

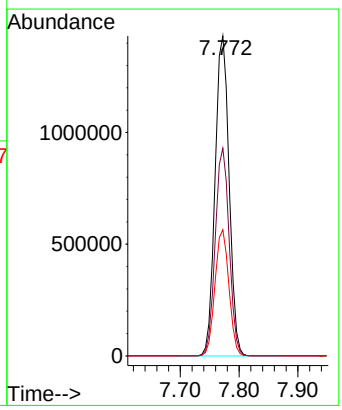


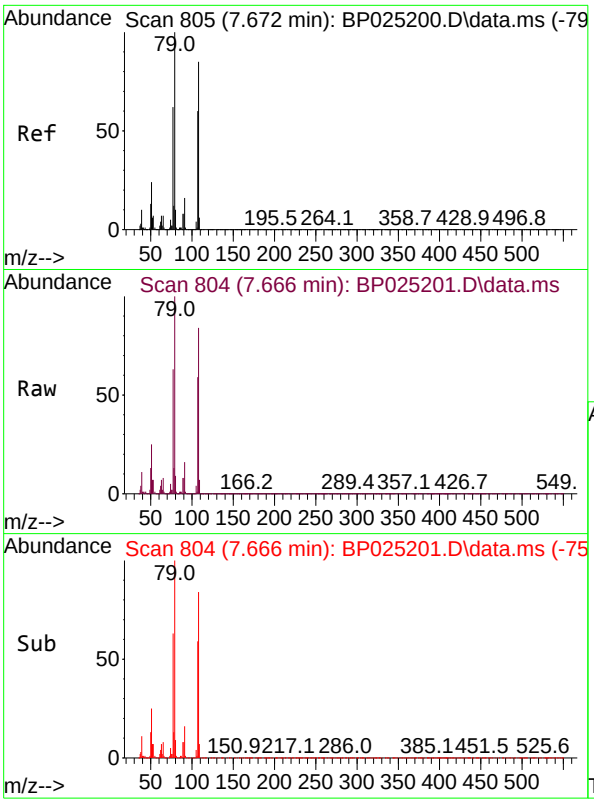


#14
1,2-Dichlorobenzene
Concen: 52.043 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2365873

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.5	77.3
111	39.5	31.3	46.9



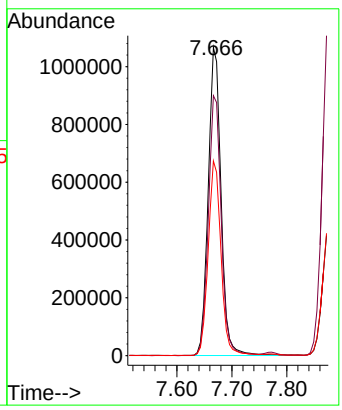


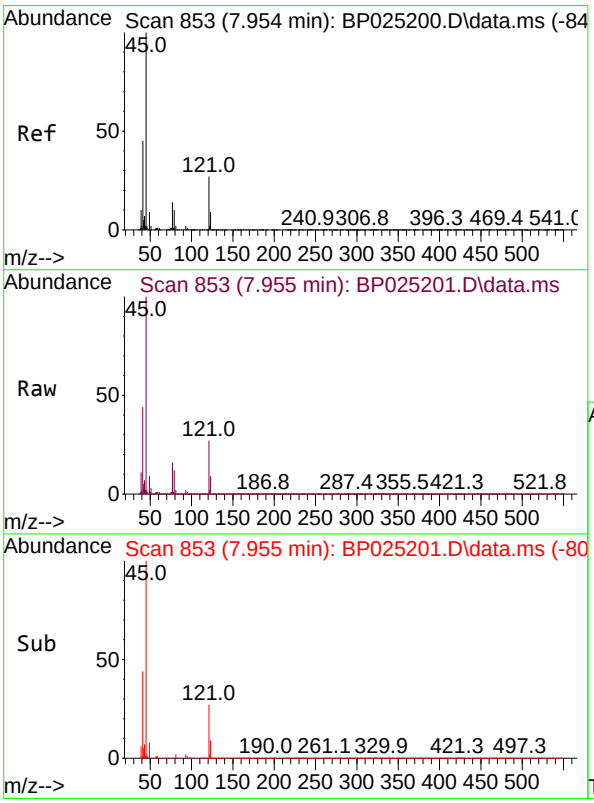
#15
Benzyl Alcohol
Concen: 52.999 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1722446

Ion	Ratio	Lower	Upper
79	100		
108	84.4	67.8	101.6
77	63.2	49.9	74.9

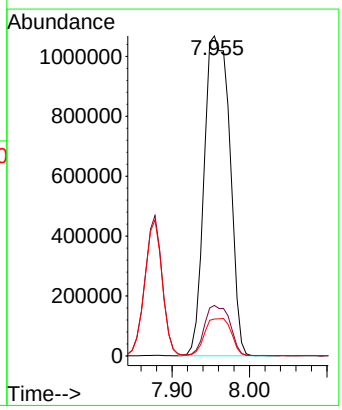


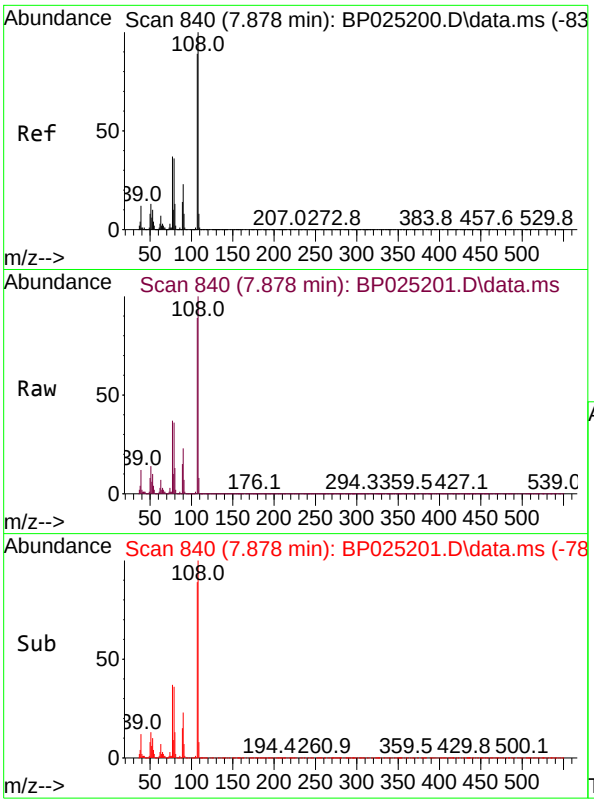


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.952 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 45 Resp: 2446484

Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	36.0
79	11.5	0.0	31.7



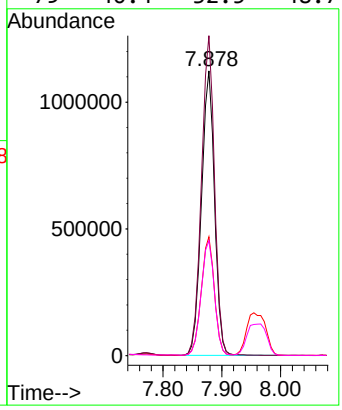


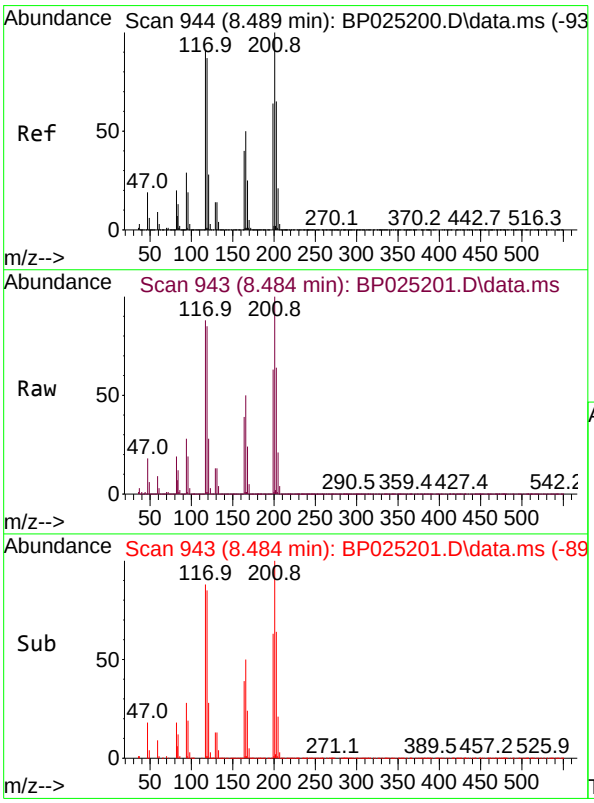
#17
2-Methylphenol
Concen: 53.427 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 1733573

Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.8
77	41.7	33.2	49.8
79	40.4	32.5	48.7

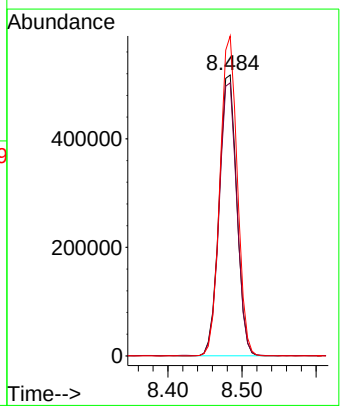


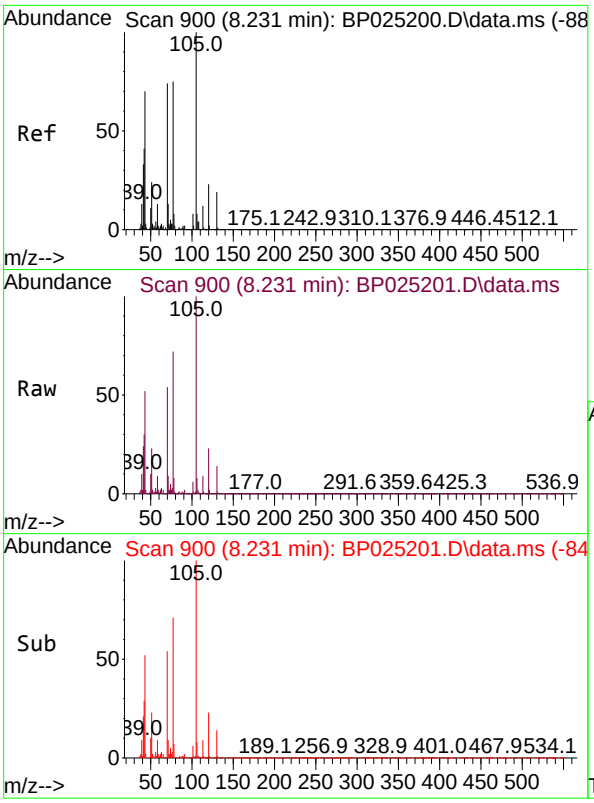


#18
Hexachloroethane
Concen: 52.844 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:117 Resp: 853688

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.6
201	113.9	88.3	132.5



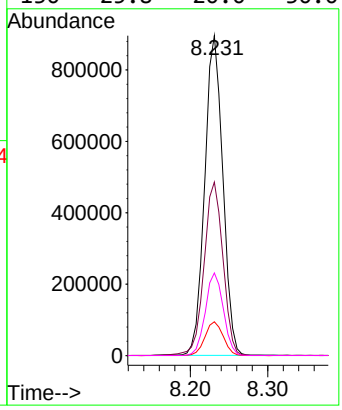


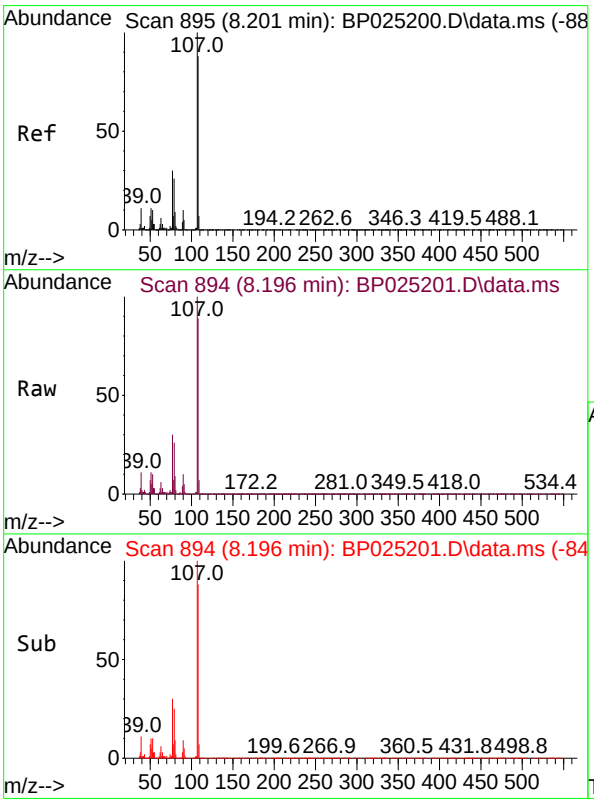
#19
n-Nitroso-di-n-propylamine
Concen: 53.253 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 1455206

Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.2	66.2
101	10.6	8.6	12.8
130	25.8	20.0	30.0

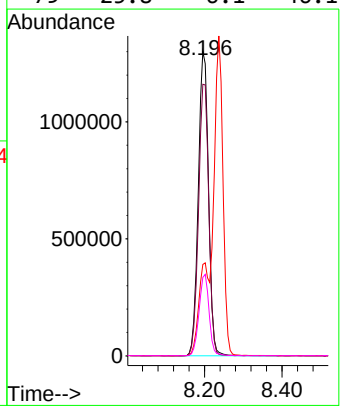


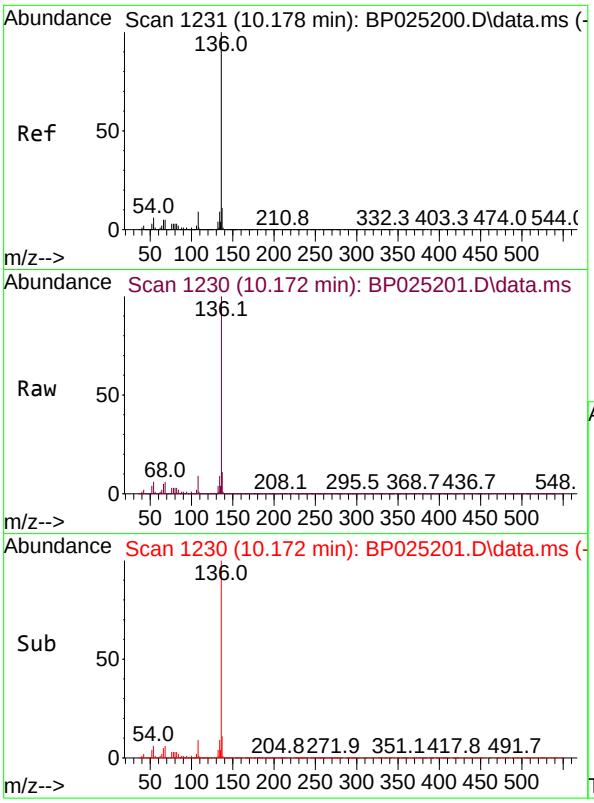


#20
3+4-Methylphenols
Concen: 53.601 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2375514

Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.8	107.8
77	30.0	10.3	50.3
79	25.8	6.1	46.1



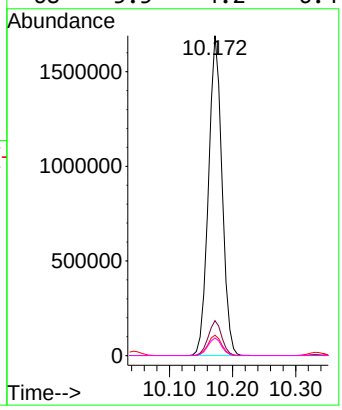


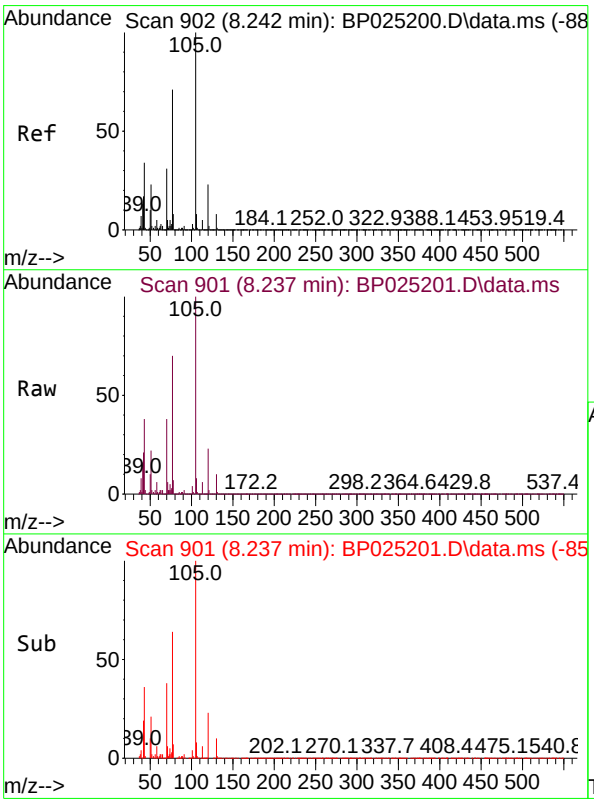
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 2516404

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.1	7.7
68	5.5	4.2	6.4

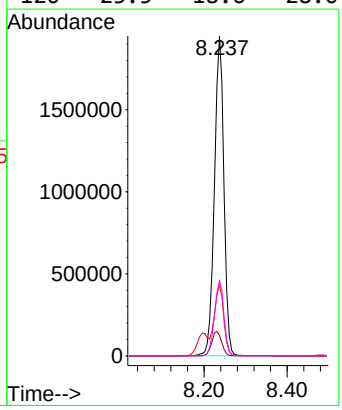


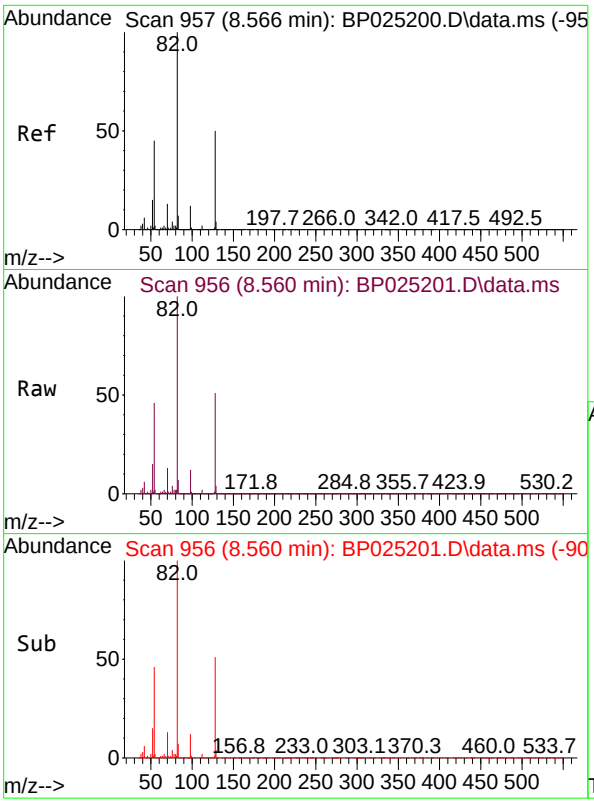


#22
Acetophenone
Concen: 51.751 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:105 Resp: 3084434

Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.1	6.1#
51	22.0	18.5	27.7
120	23.5	18.6	28.0



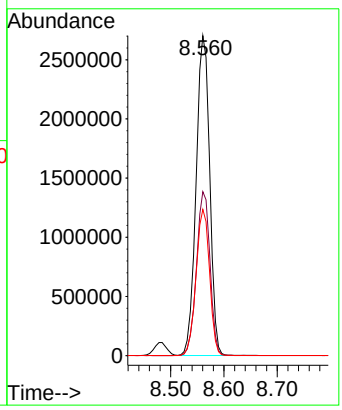


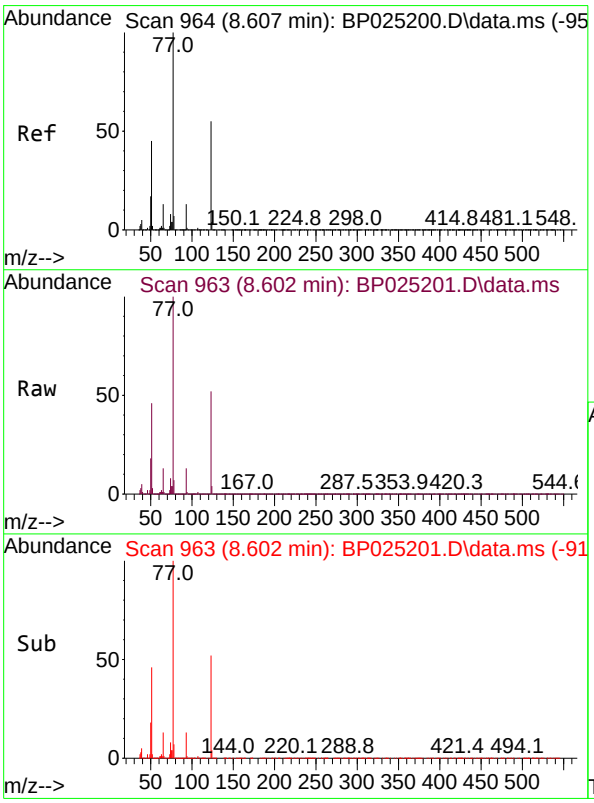
#23
Nitrobenzene-d5
Concen: 104.177 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 4781399

Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.2	60.4
54	45.7	36.3	54.5

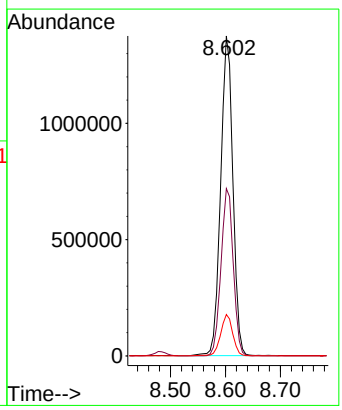


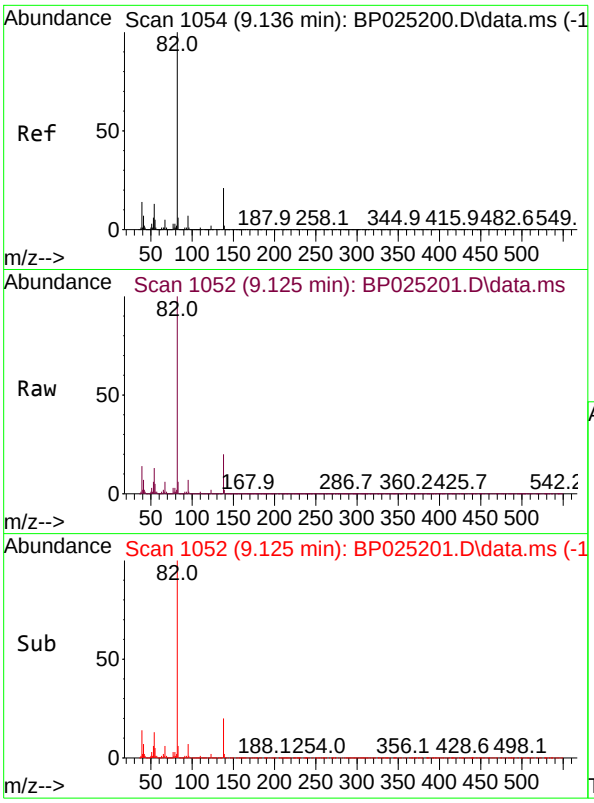


#24
Nitrobenzene
Concen: 52.274 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 2126232

Ion	Ratio	Lower	Upper
77	100		
123	52.3	43.6	65.4
65	12.9	10.2	15.2



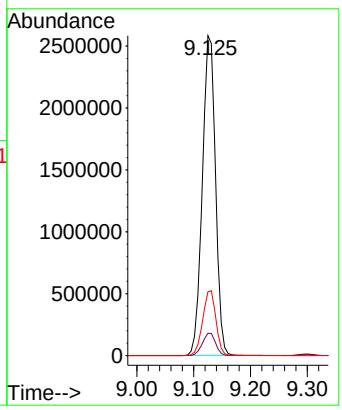


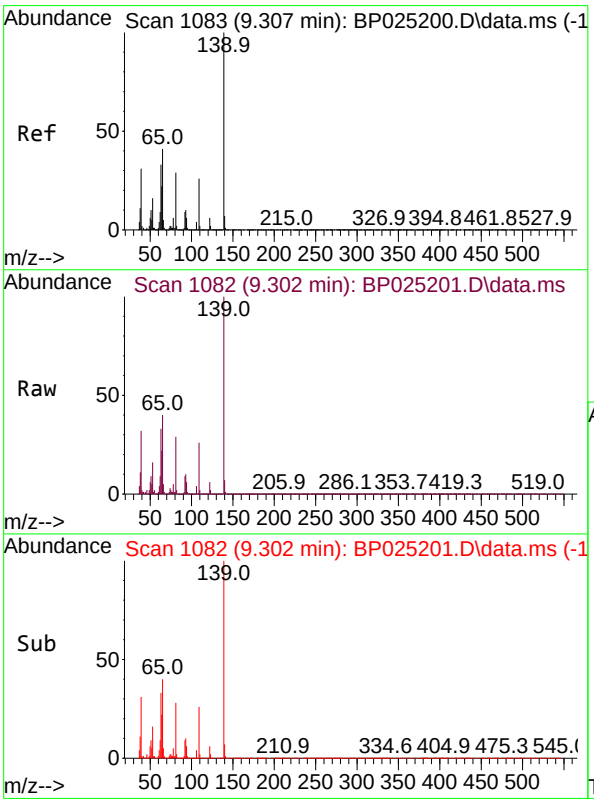
#25
Isophorone
Concen: 51.908 ng
RT: 9.125 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 4172561

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.0	16.6	25.0

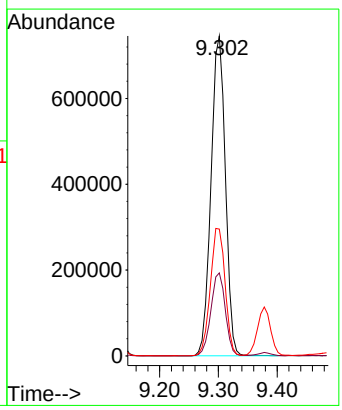


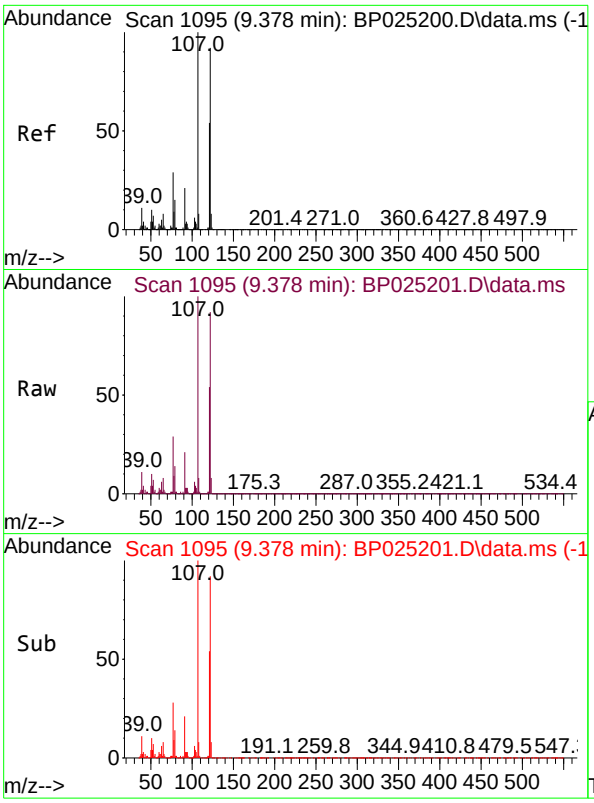


#26
2-Nitrophenol
Concen: 55.364 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1267530

Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.0	31.6
65	39.6	32.7	49.1



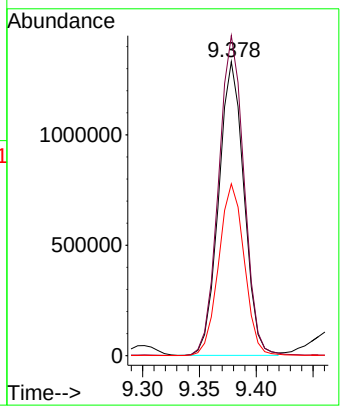


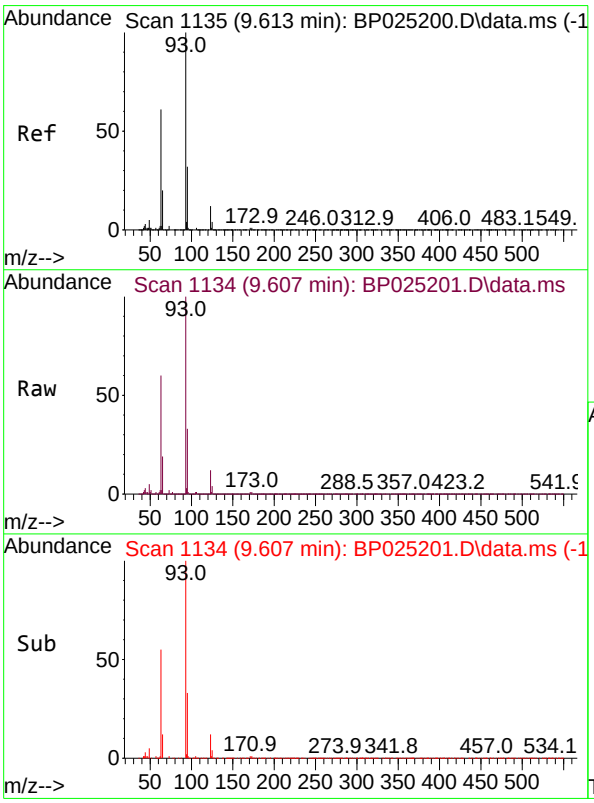
#27
2,4-Dimethylphenol
Concen: 52.940 ng
RT: 9.378 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 2063358

Ion	Ratio	Lower	Upper
122	100		
107	108.9	87.0	130.4
121	58.4	46.7	70.1

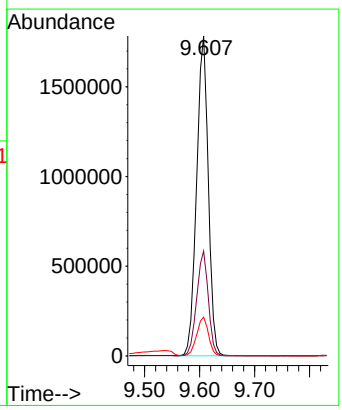


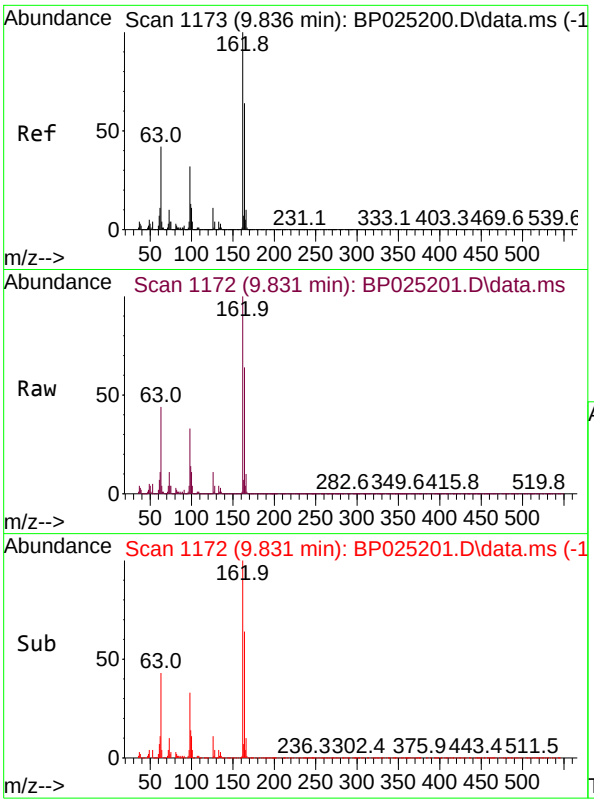


#28
bis(2-Chloroethoxy)methane
Concen: 52.034 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 2625875

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	12.1	9.8	14.6



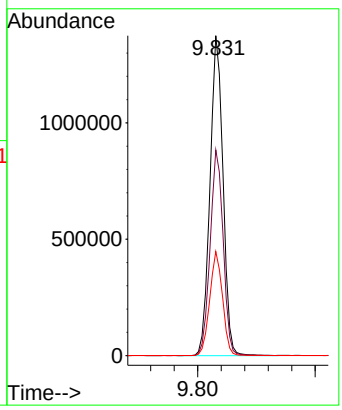


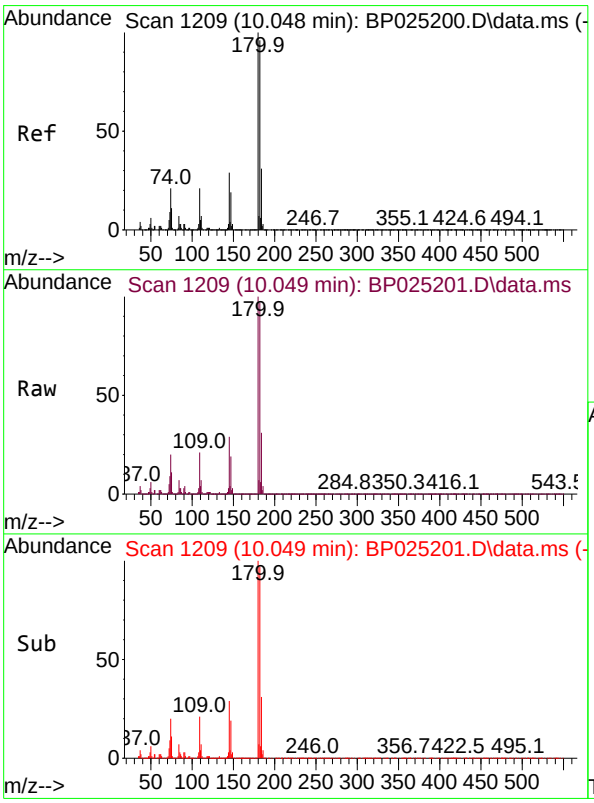
#29
2,4-Dichlorophenol
Concen: 52.875 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2113695

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	32.5	11.7	51.7

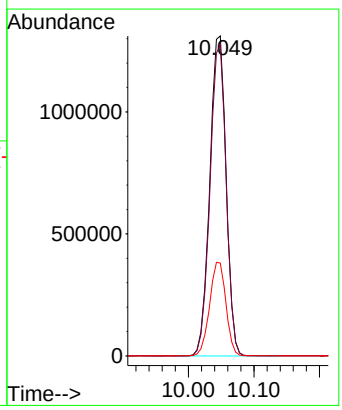


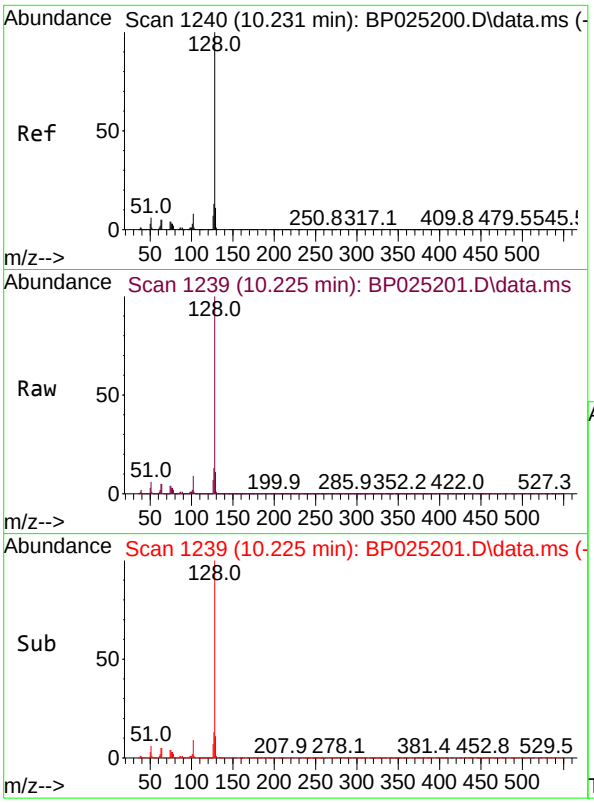


#30
1,2,4-Trichlorobenzene
Concen: 51.620 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:180 Resp: 2270580

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.7	115.1
145	29.0	23.5	35.3



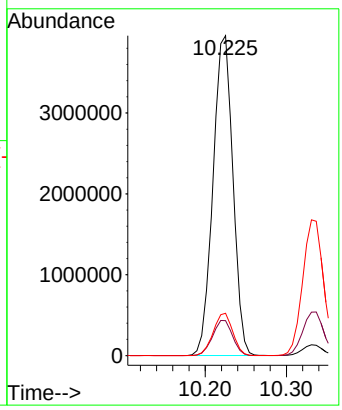


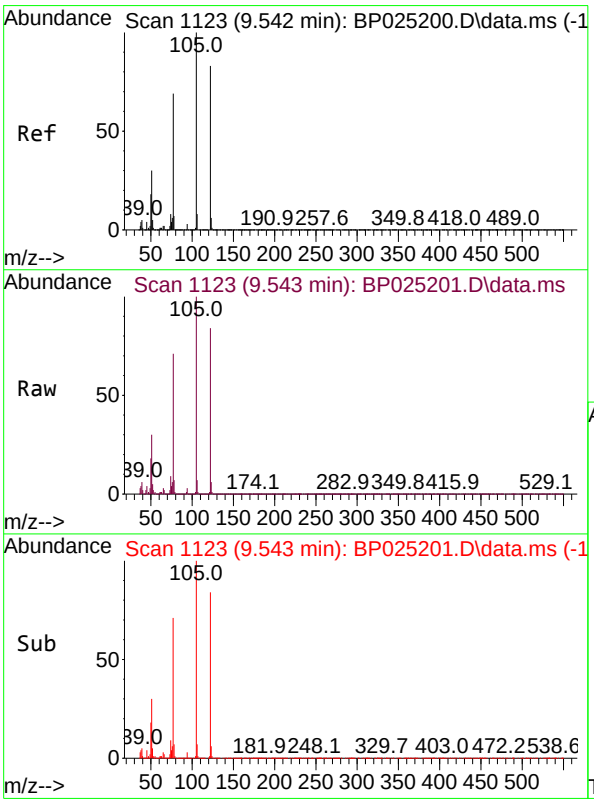
#31
Naphthalene
Concen: 51.375 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 6732644

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.4	15.6

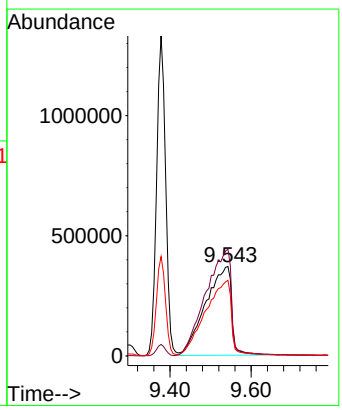


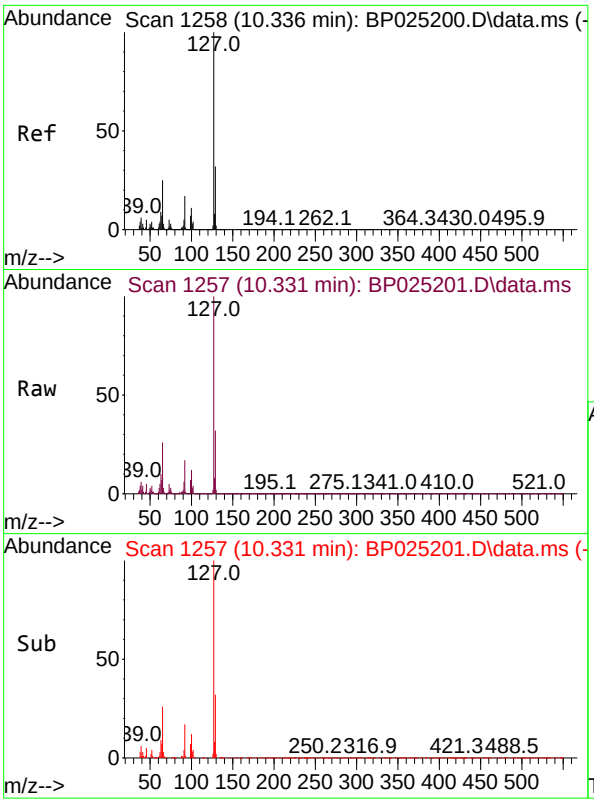


#32
Benzoic acid
Concen: 57.886 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:122 Resp: 1647738

Ion	Ratio	Lower	Upper
122	100		
105	119.4	98.1	138.1
77	84.5	62.7	102.7



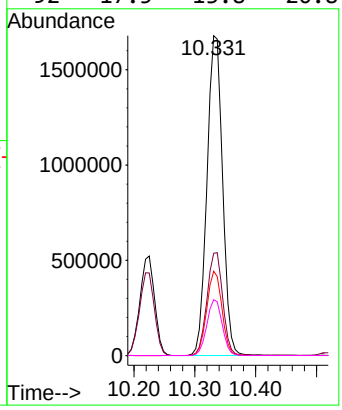


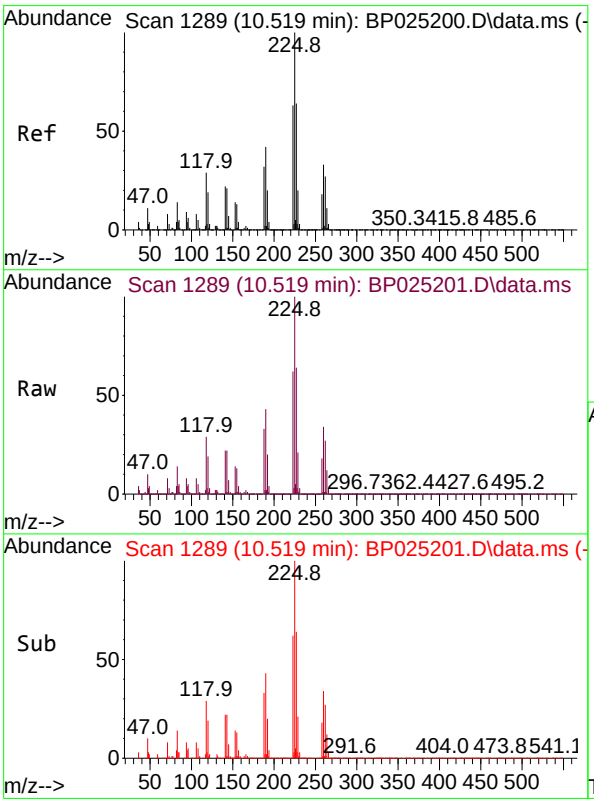
#33
4-Chloroaniline
Concen: 52.480 ng
RT: 10.331 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 2986136

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.4	20.2	30.4
92	17.5	13.8	20.8

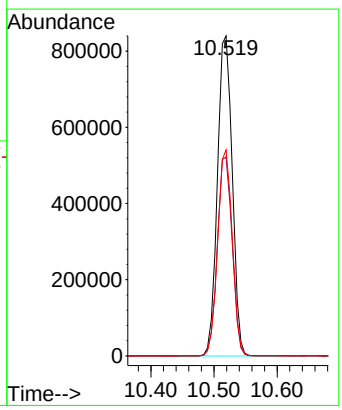


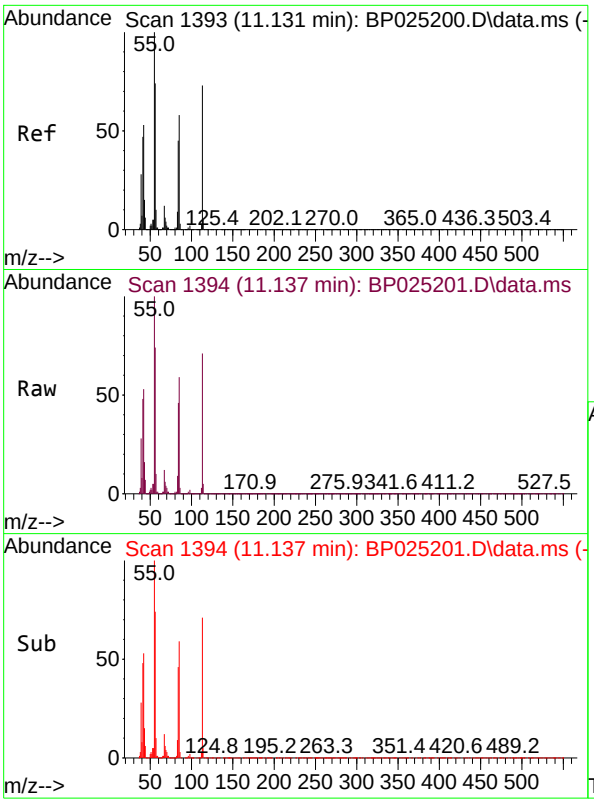


#34
Hexachlorobutadiene
Concen: 51.718 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:225 Resp: 1366194

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	64.4	51.4	77.0



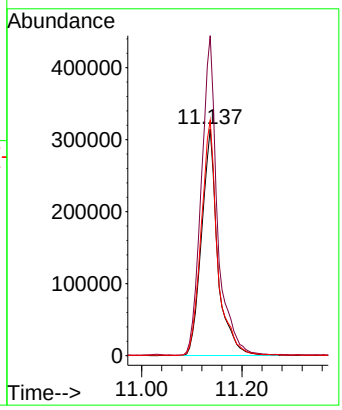


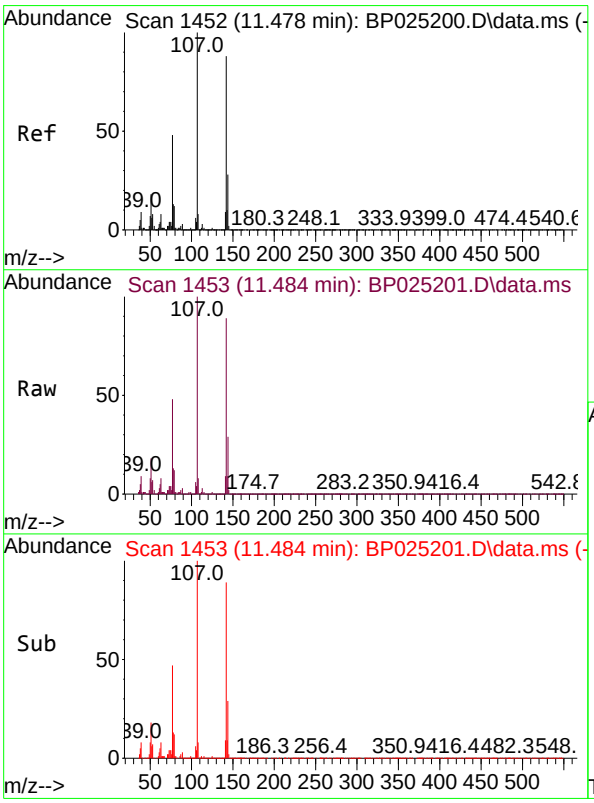
#35
Caprolactam
Concen: 53.331 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 701610

Ion	Ratio	Lower	Upper
113	100		
55	141.2	117.6	157.6
56	103.8	82.4	122.4

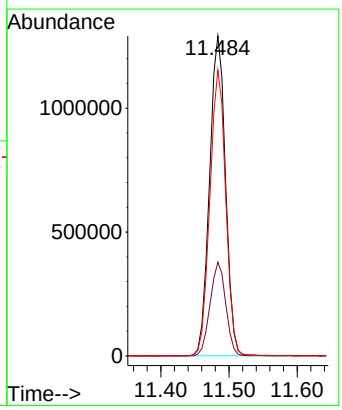


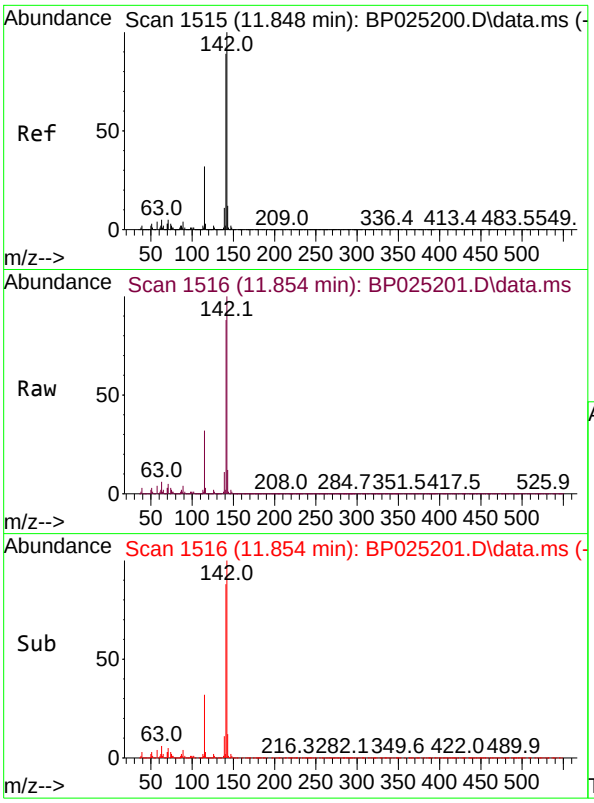


#36
4-Chloro-3-methylphenol
Concen: 52.551 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2098032

Ion	Ratio	Lower	Upper
107	100		
144	29.3	22.5	33.7
142	89.3	70.6	105.8



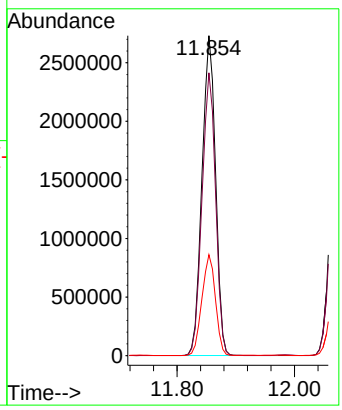


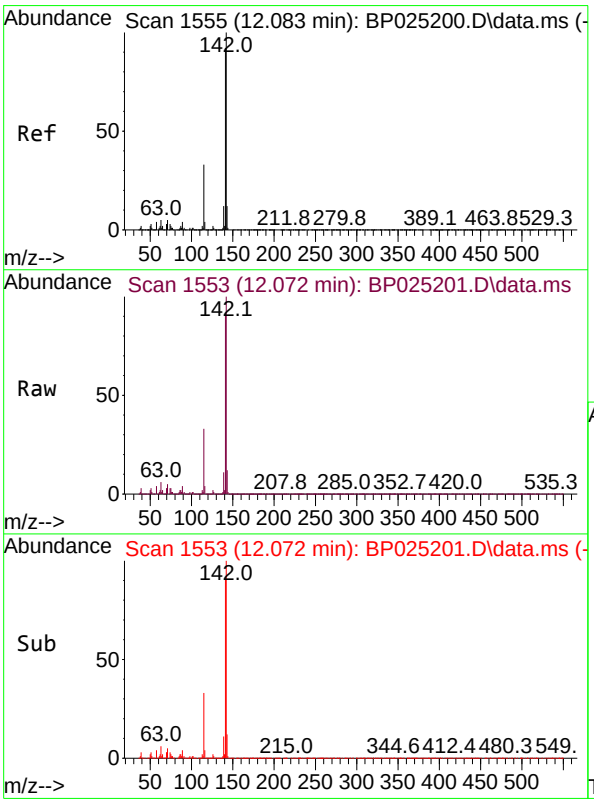
#37
2-Methylnaphthalene
Concen: 51.634 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 4376533

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	31.5	25.3	37.9

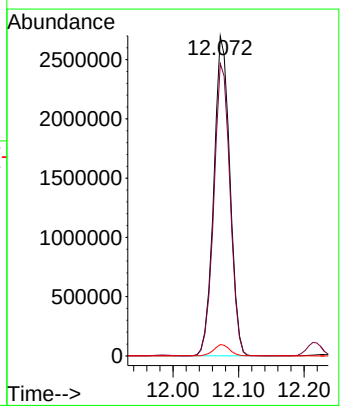


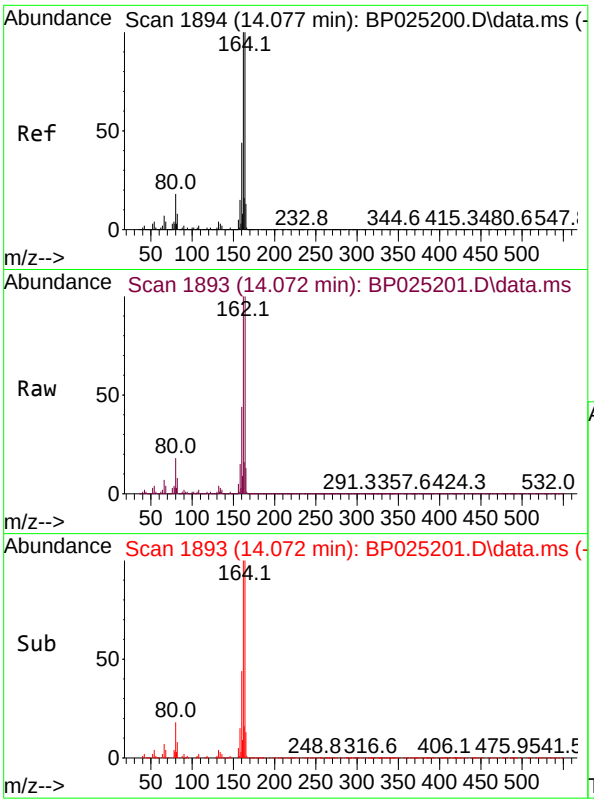


#38
1-Methylnaphthalene
Concen: 51.546 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:142 Resp: 4608074

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.5	2.8	4.2



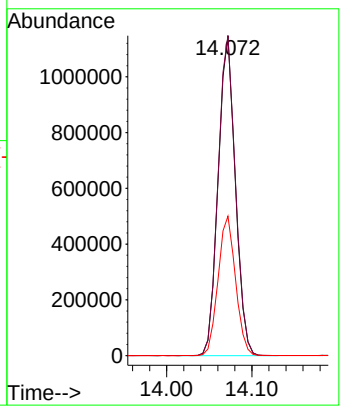


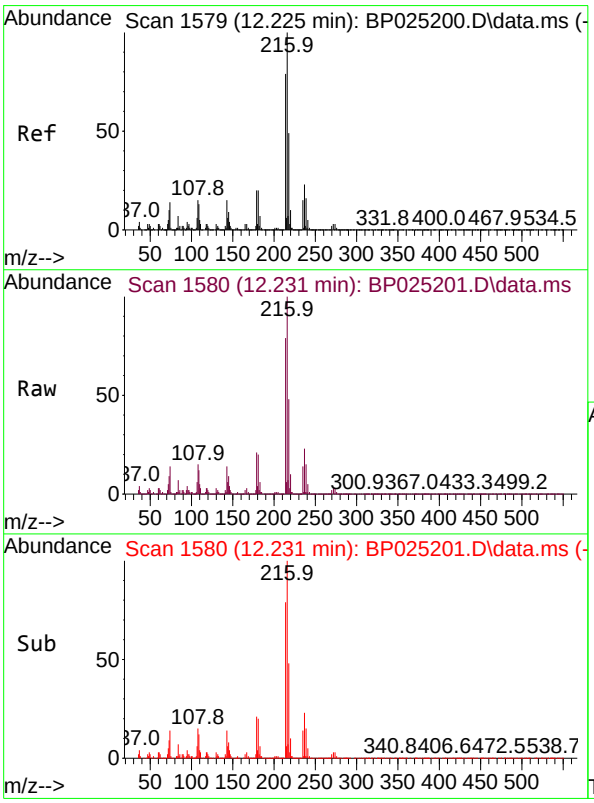
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 1604001

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.3	120.5
160	43.6	35.7	53.5

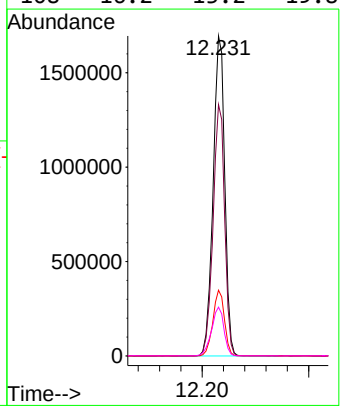


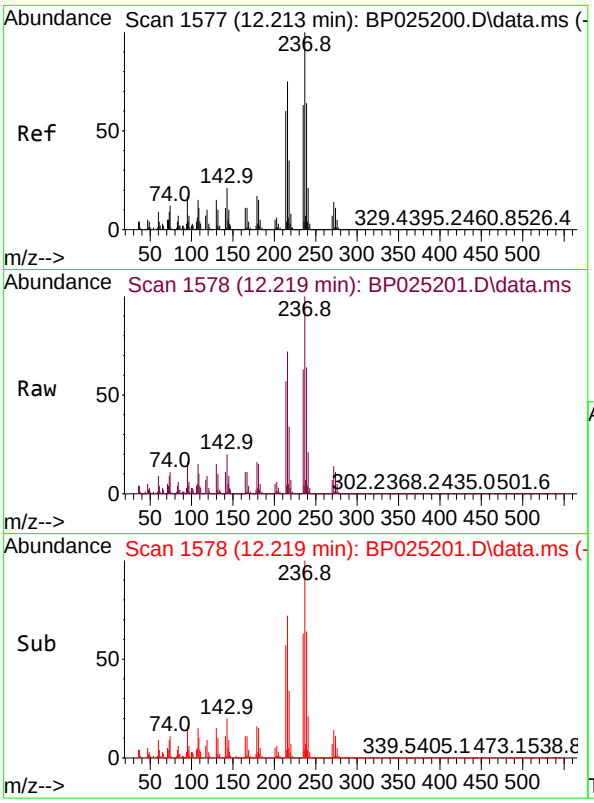


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.721 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:216 Resp: 2560877

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.7	94.1
179	20.5	16.2	24.4
108	16.2	13.2	19.8



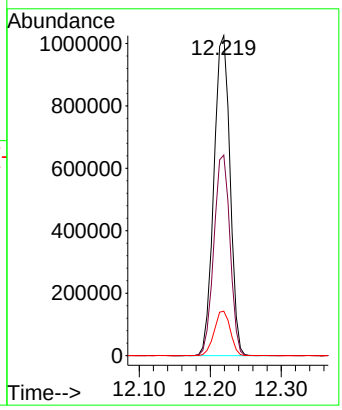


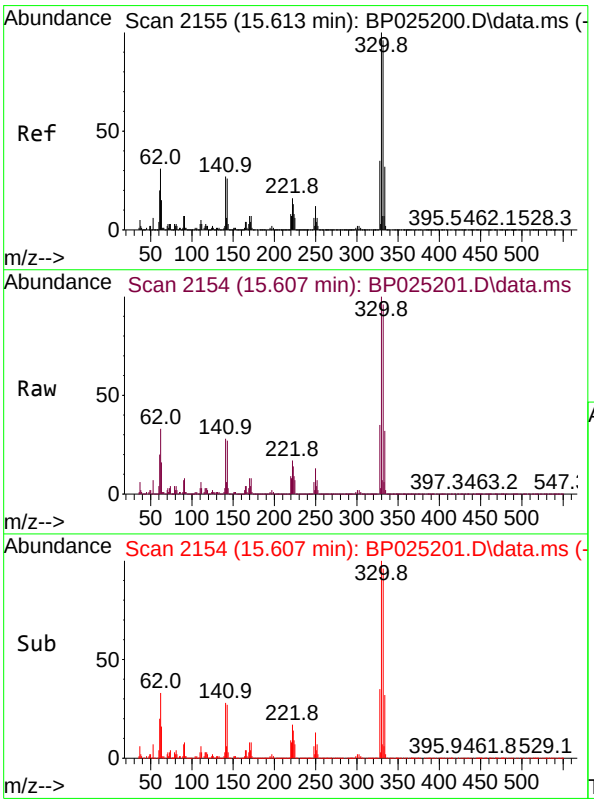
#41
Hexachlorocyclopentadiene
Concen: 58.674 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 1616183

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.9	0.0	33.6

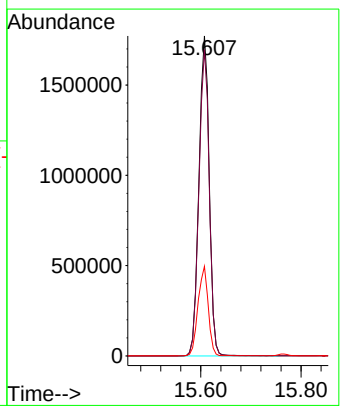


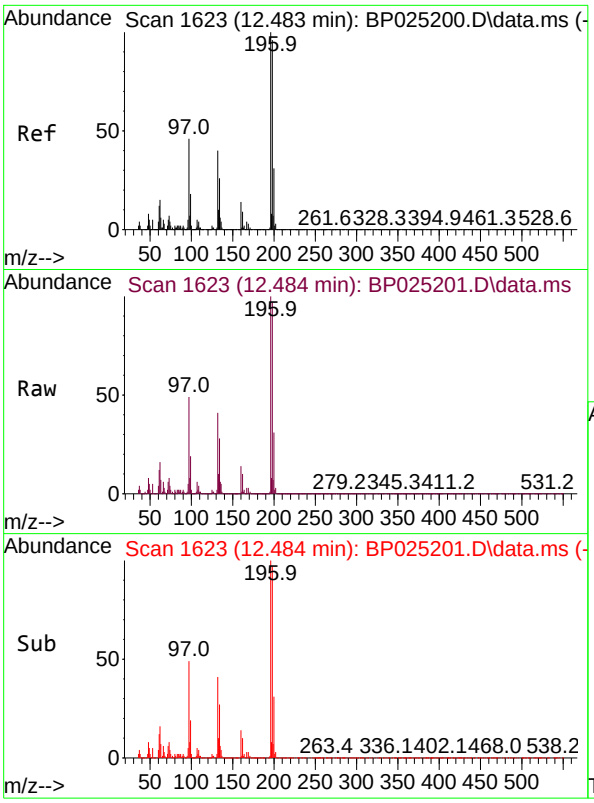


#42
2,4,6-Tribromophenol
Concen: 106.212 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:330 Resp: 2533319

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	27.6	22.4	33.6



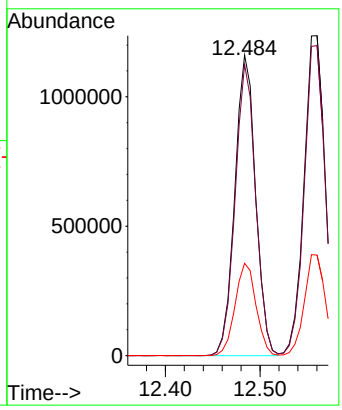


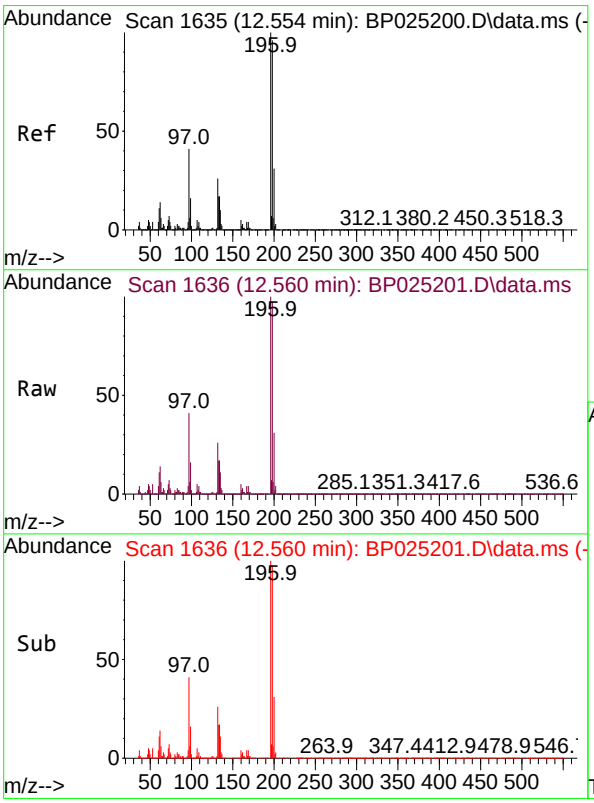
#43
2,4,6-Trichlorophenol
Concen: 53.947 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 1770617

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	114.8
200	30.8	24.7	37.1

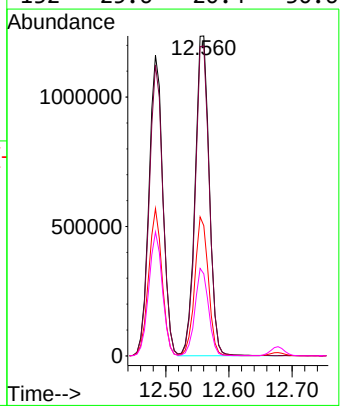


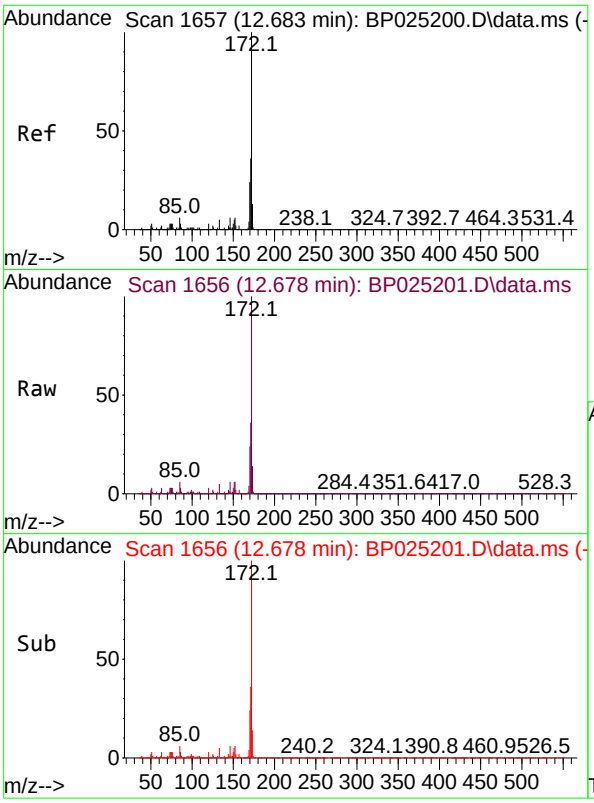


#44
2,4,5-Trichlorophenol
Concen: 53.026 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:196 Resp: 1918353

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.7	115.1
97	40.7	33.0	49.4
132	25.6	20.4	30.6



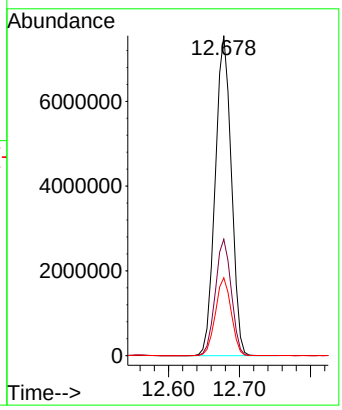


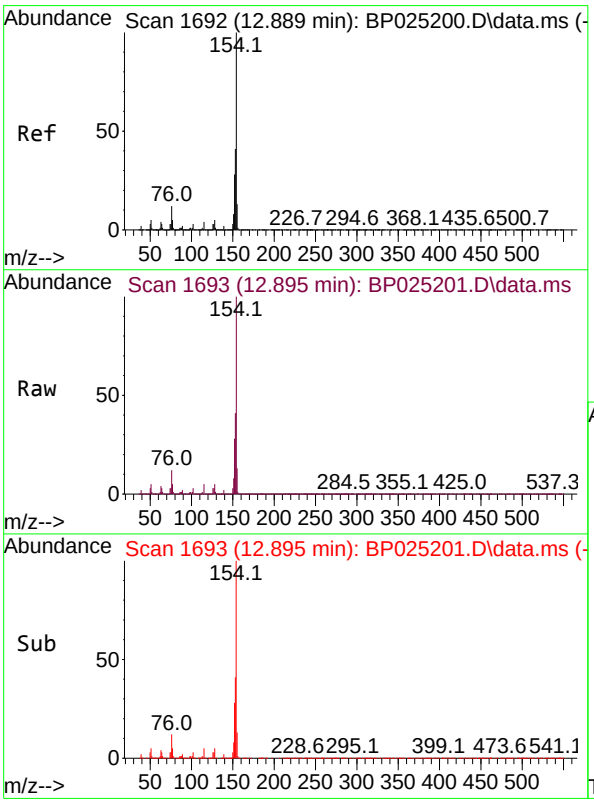
#45
2-Fluorobiphenyl
Concen: 98.364 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp:11917555

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.8	43.2
170	24.3	19.2	28.8

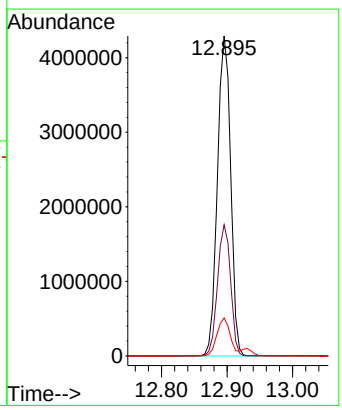


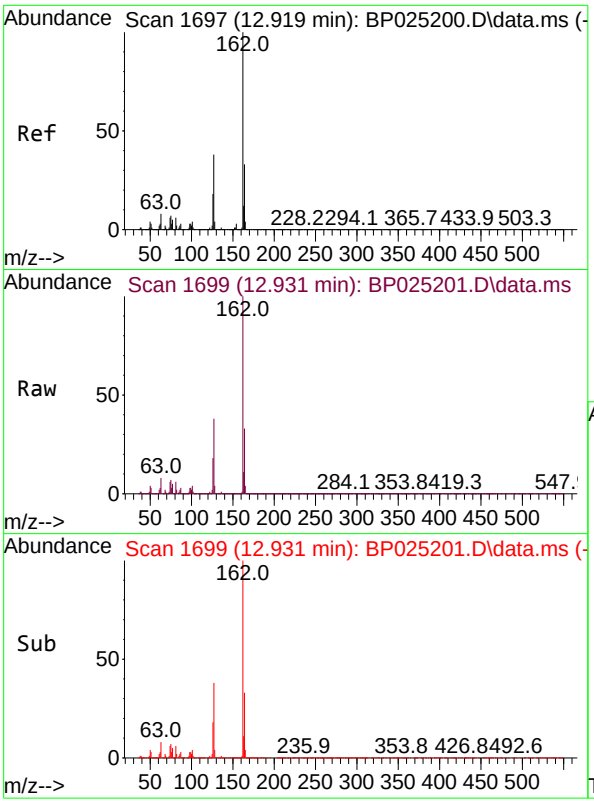


#46
1,1'-Biphenyl
Concen: 50.798 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 6024880

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	11.9	0.0	31.6



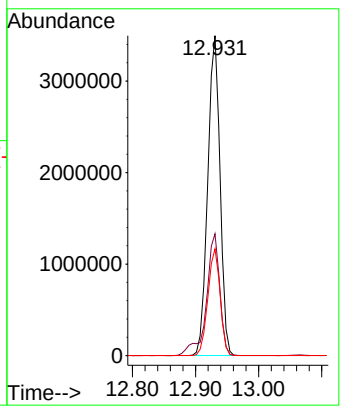


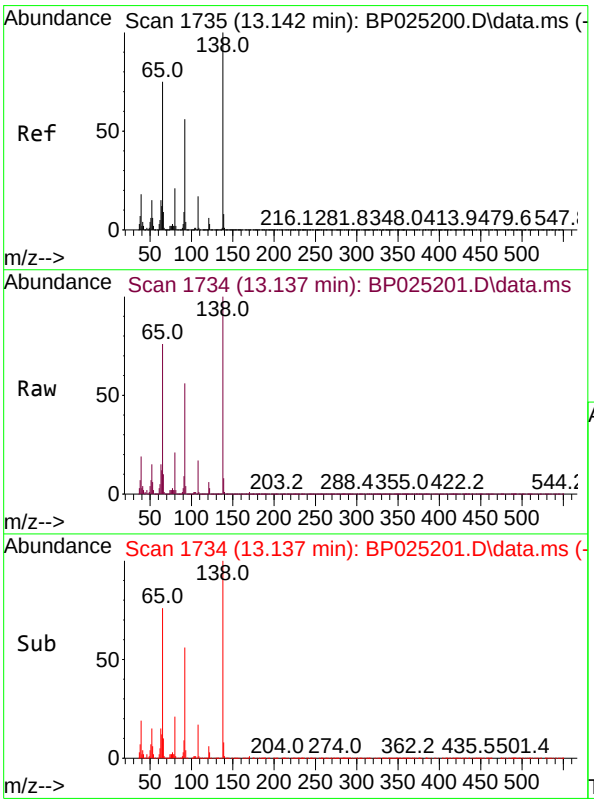
#47
2-Chloronaphthalene
Concen: 51.398 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 4722917

Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.1	45.1
164	33.4	26.5	39.7

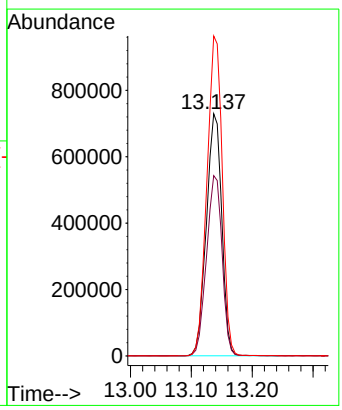


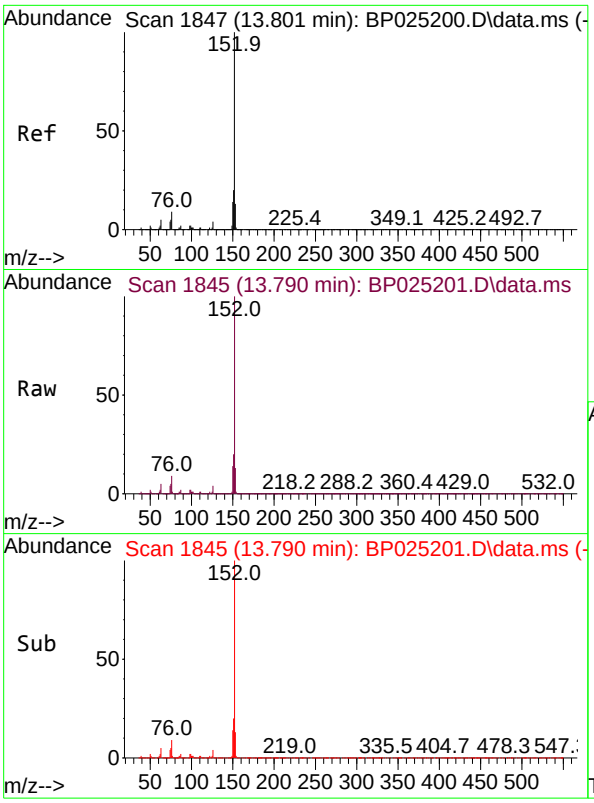


#48
2-Nitroaniline
Concen: 55.436 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 65 Resp: 1277778

Ion	Ratio	Lower	Upper
65	100		
92	74.5	59.9	89.9
138	132.2	107.1	160.7



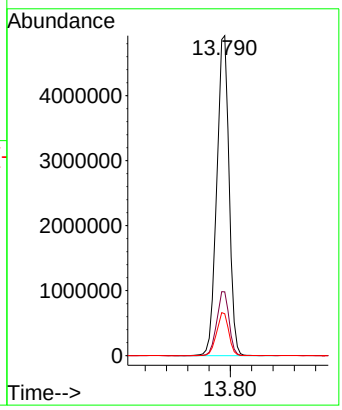


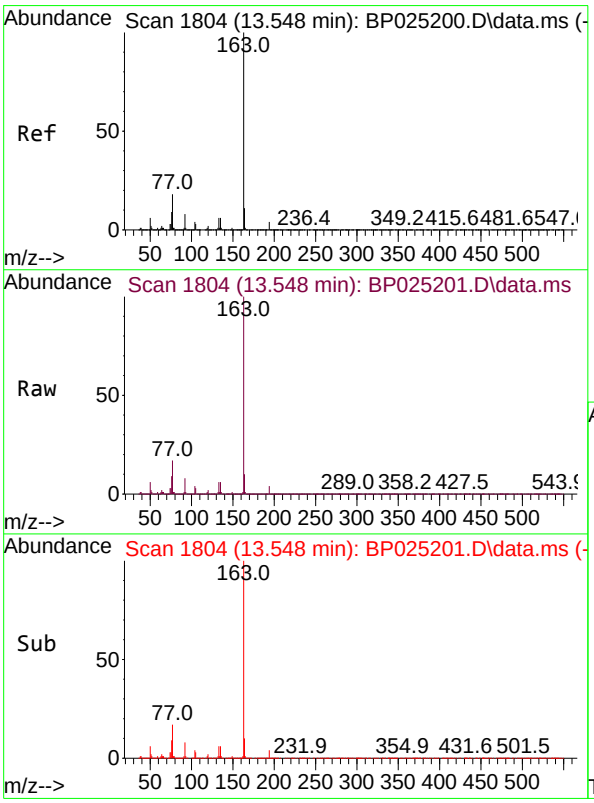
#49
Acenaphthylene
Concen: 52.119 ng
RT: 13.790 min Scan# 18
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 7853263

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.1	10.6	15.8

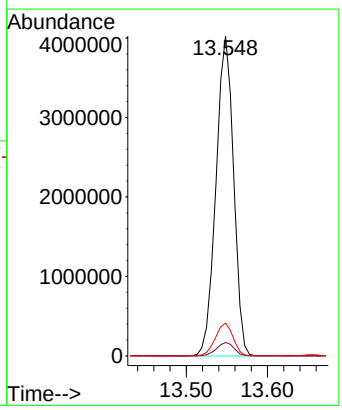


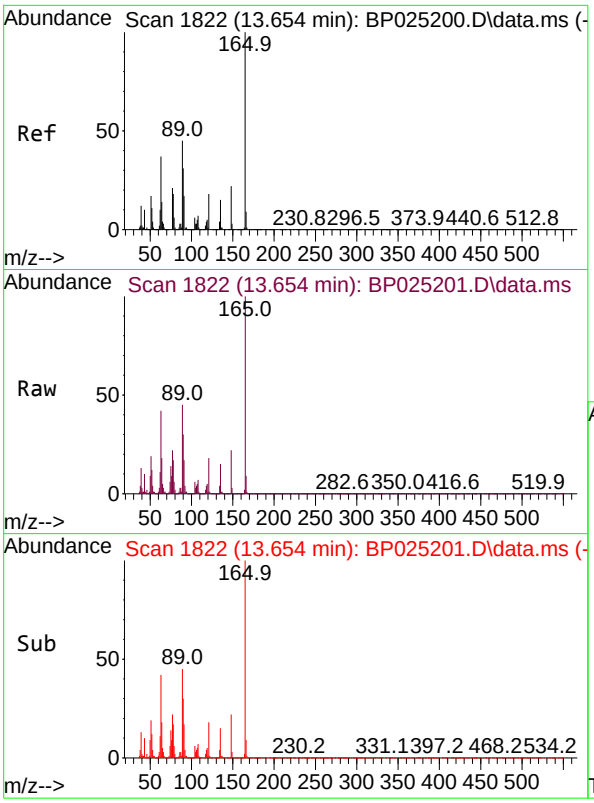


#50
Dimethylphthalate
Concen: 51.655 ng
RT: 13.548 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:163 Resp: 6045361

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.5	12.7



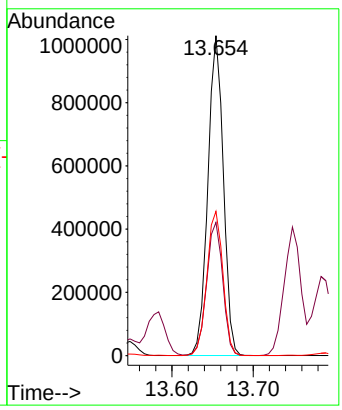


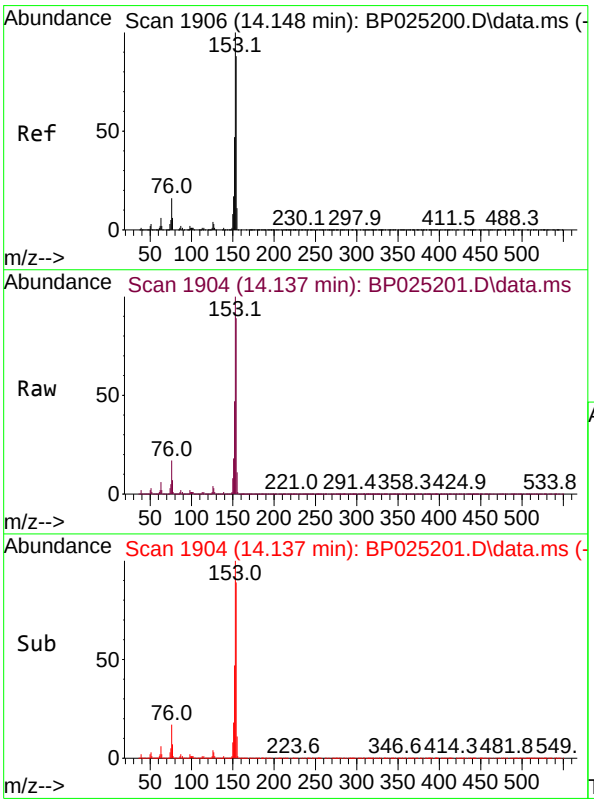
#51
2,6-Dinitrotoluene
Concen: 54.301 ng
RT: 13.654 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 1345243

Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.4	50.2
89	45.1	36.3	54.5

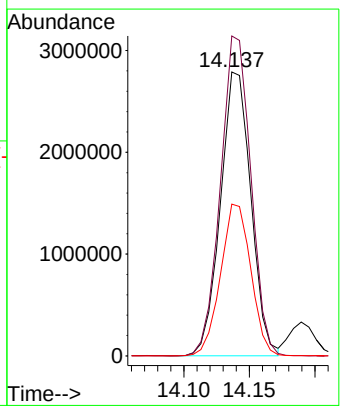


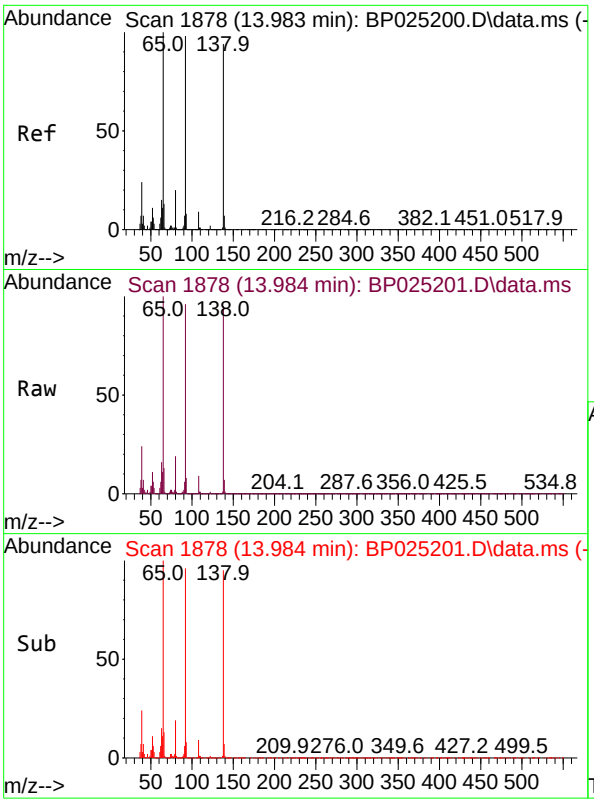


#52
Acenaphthene
Concen: 52.046 ng
RT: 14.137 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 4517722

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.7	136.1
152	53.5	42.9	64.3



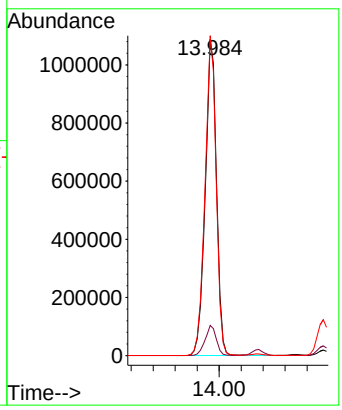


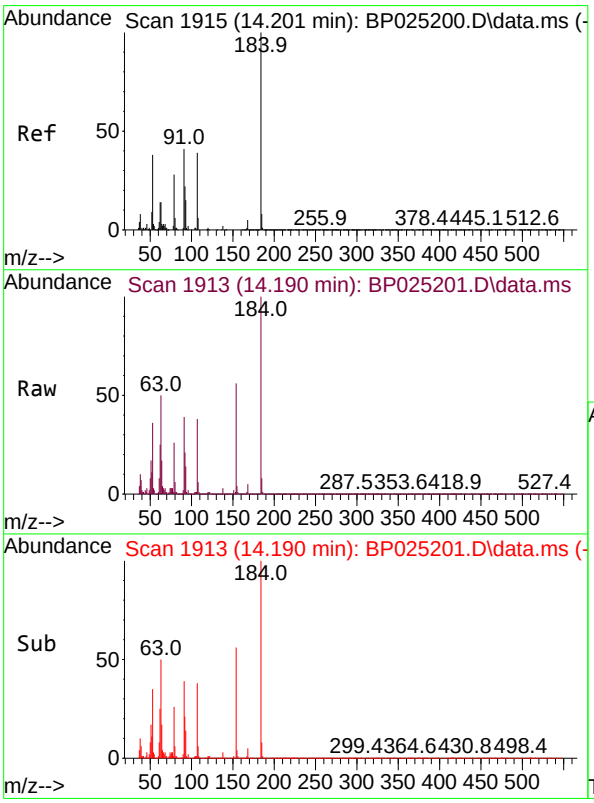
#53
3-Nitroaniline
Concen: 55.030 ng
RT: 13.984 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 1538228

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	101.1	83.2	124.8

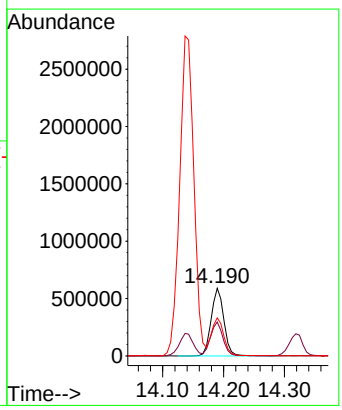


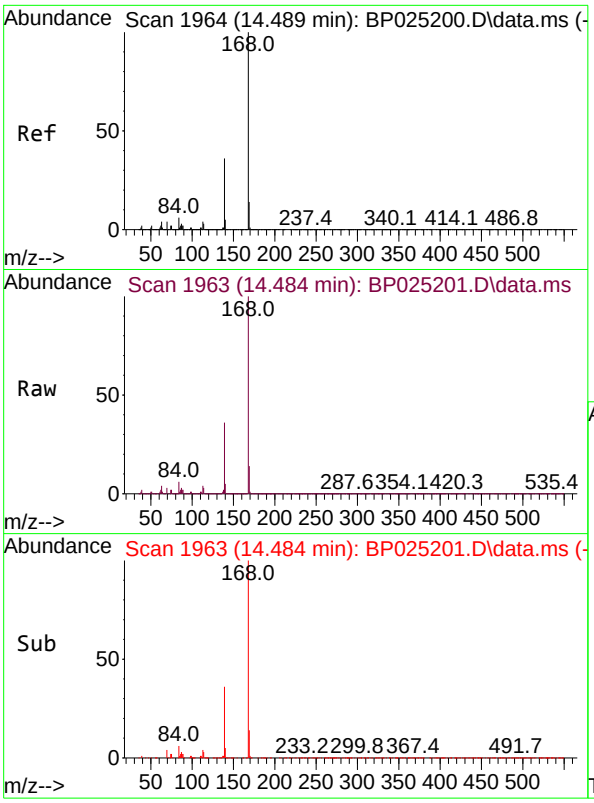


#54
2,4-Dinitrophenol
Concen: 60.917 ng
RT: 14.190 min Scan# 1913
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:184 Resp: 845681

Ion	Ratio	Lower	Upper
184	100		
63	50.1	41.8	62.8
154	56.3	45.7	68.5



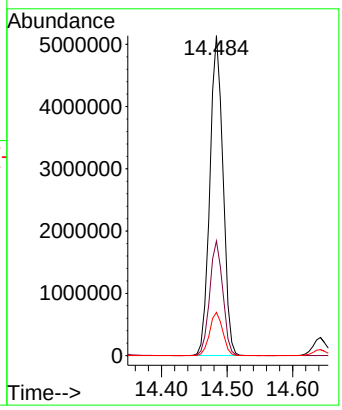


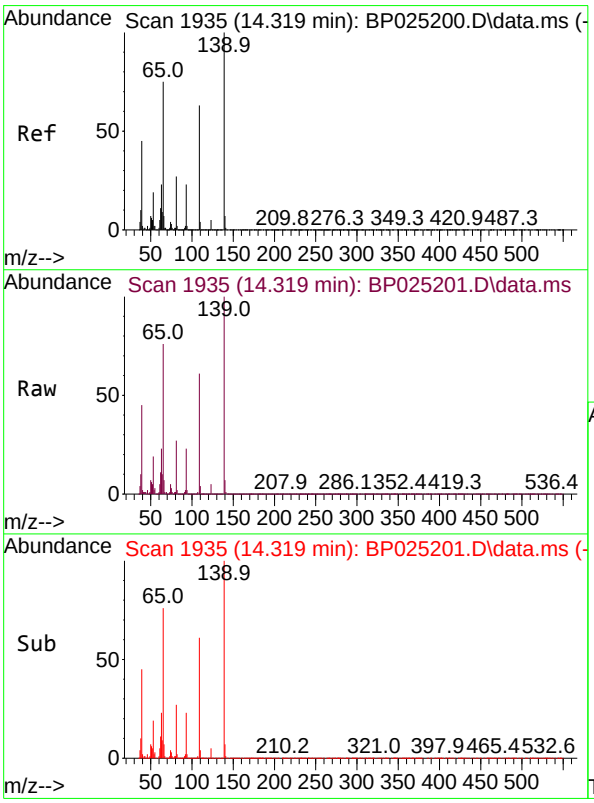
#55
Dibenzofuran
Concen: 50.912 ng
RT: 14.484 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 7155195

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.7	43.1
169	13.5	10.9	16.3

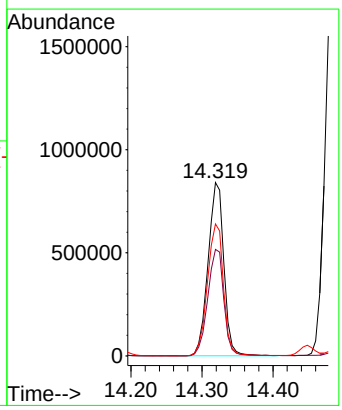


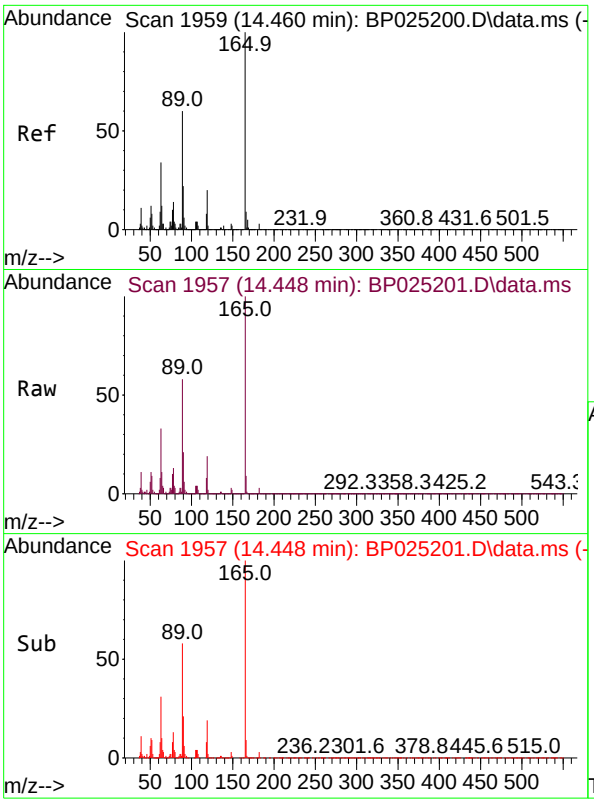


#56
4-Nitrophenol
Concen: 54.419 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1296281

Ion	Ratio	Lower	Upper
139	100		
109	61.5	42.6	82.6
65	76.1	55.4	95.4



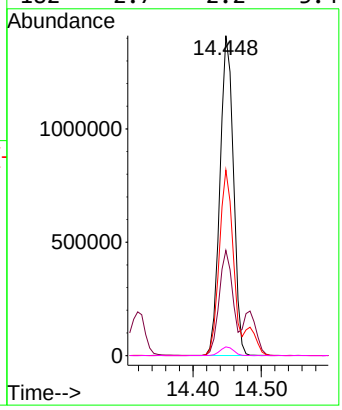


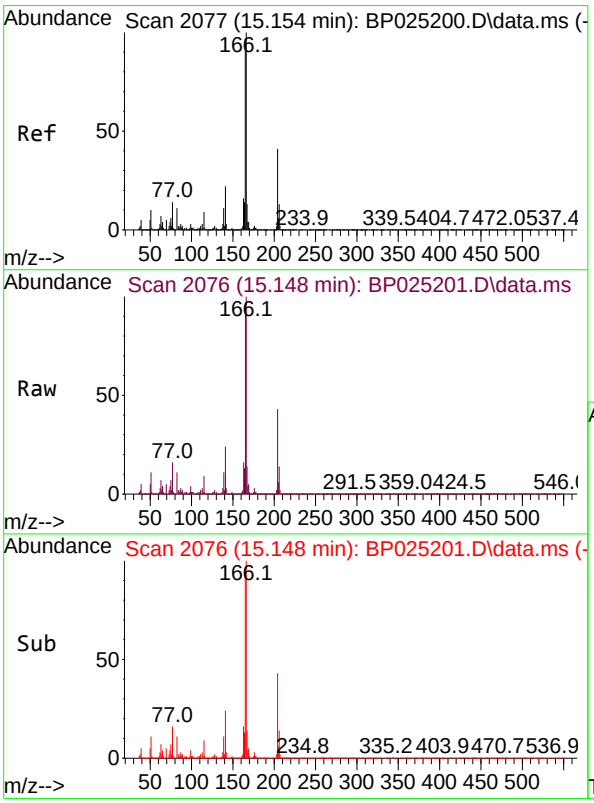
#57
2,4-Dinitrotoluene
Concen: 55.973 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 1931788

Ion	Ratio	Lower	Upper
165	100		
63	32.9	27.0	40.4
89	58.0	47.8	71.6
182	2.7	2.2	3.4

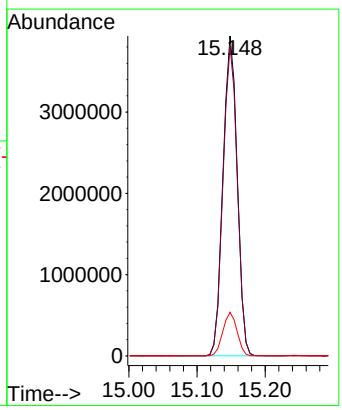


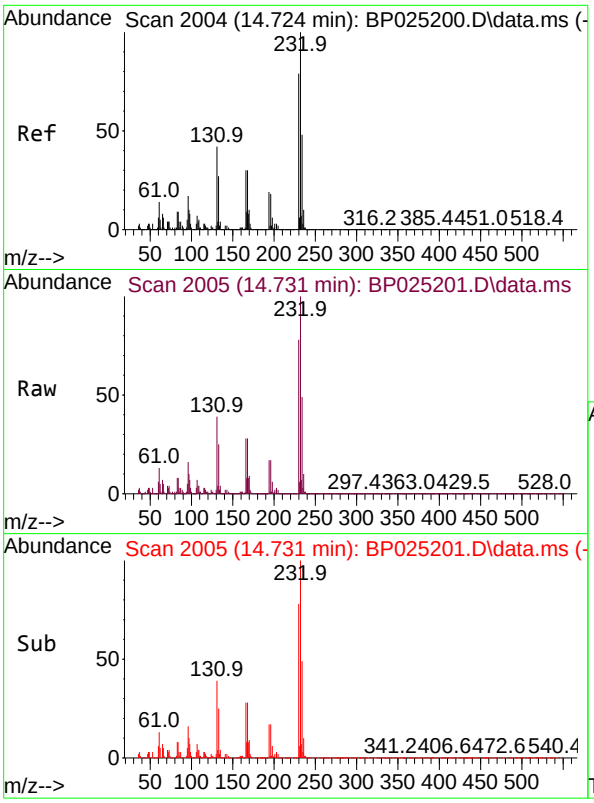


#58
Fluorene
Concen: 50.552 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:166 Resp: 5666693

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	13.6	10.7	16.1



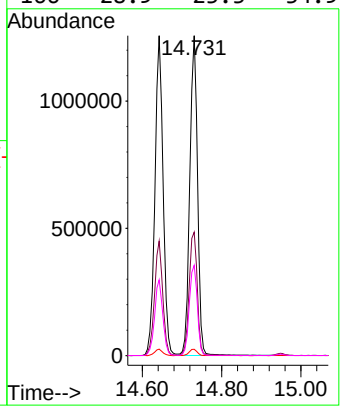


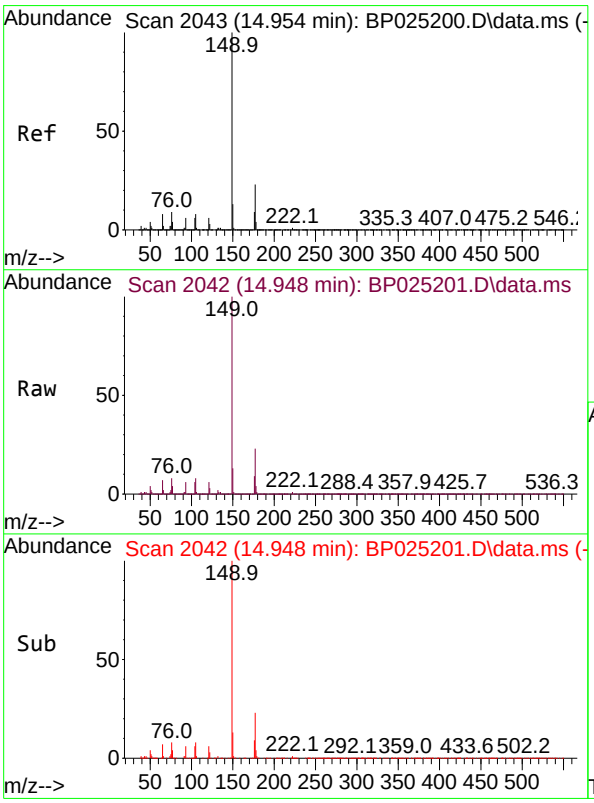
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.430 ng
RT: 14.731 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 1711112

Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.6	48.8
130	2.1	1.6	2.4
166	28.9	23.3	34.9

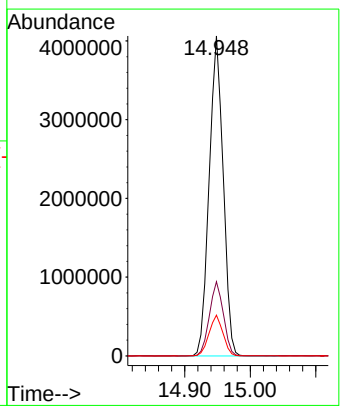


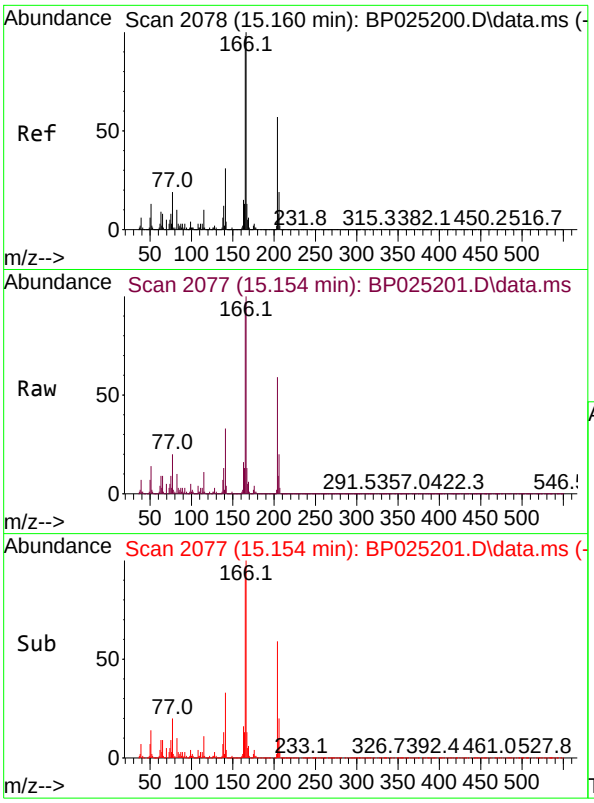


#60
Diethylphthalate
Concen: 52.170 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 6032748

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.7	10.0	15.0



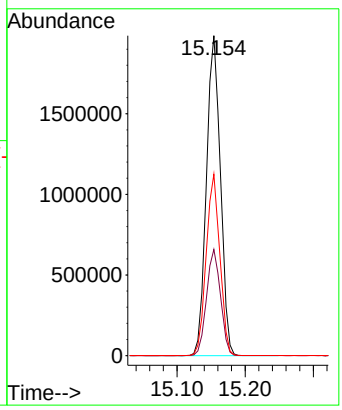


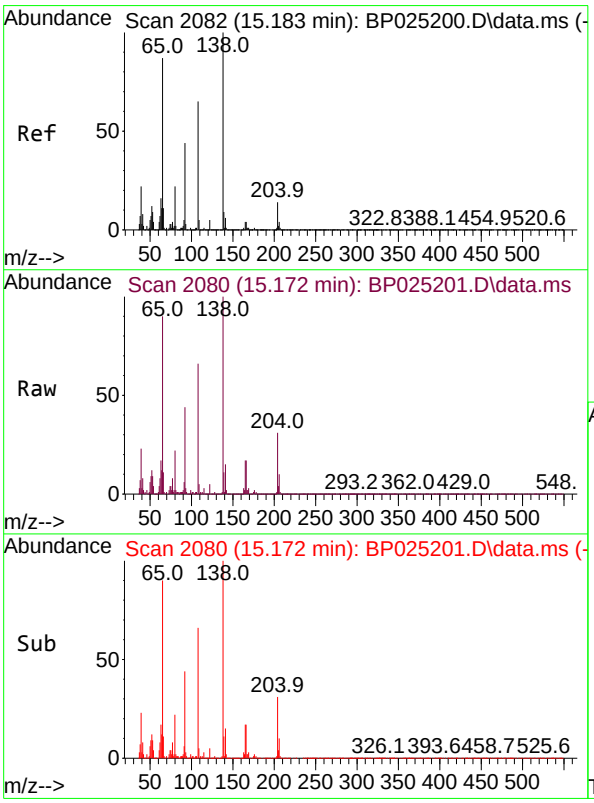
#61
4-Chlorophenyl-phenylether
Concen: 49.953 ng
RT: 15.154 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 2822385

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	56.7	43.0	64.6

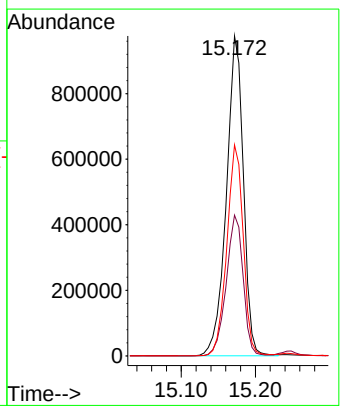


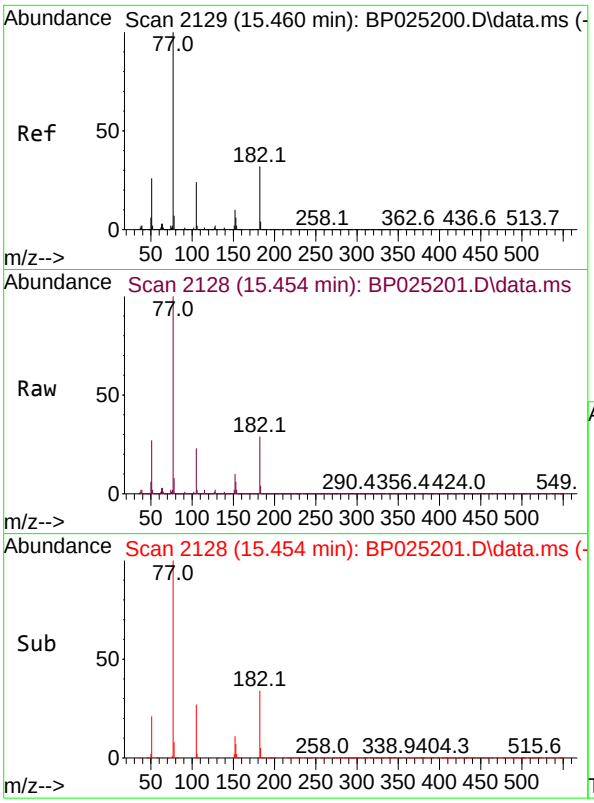


#62
4-Nitroaniline
Concen: 54.694 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:138 Resp: 1557916

Ion	Ratio	Lower	Upper
138	100		
92	44.0	24.0	64.0
108	65.9	44.9	84.9



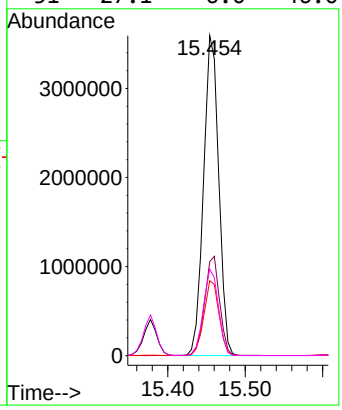


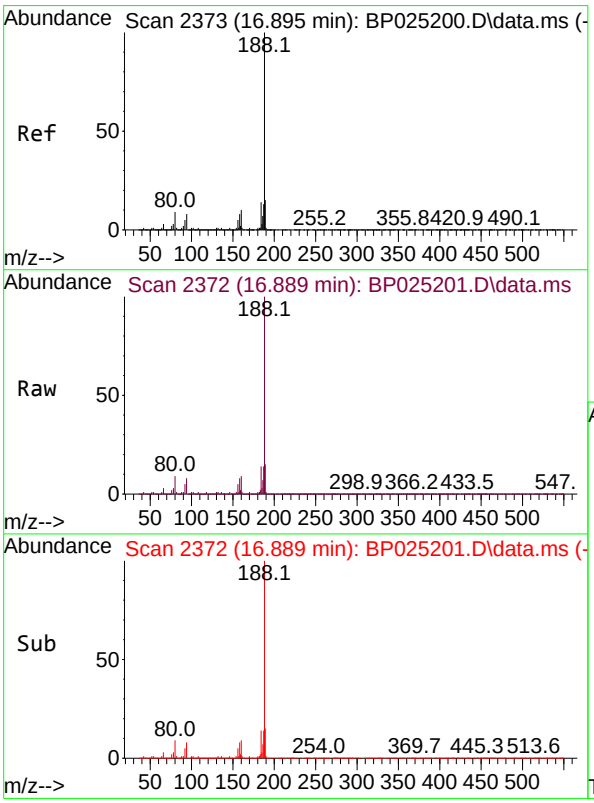
#63
Azobenzene
Concen: 52.623 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 4887978

Ion	Ratio	Lower	Upper
77	100		
182	29.4	12.0	52.0
105	23.4	3.6	43.6
51	27.1	6.0	46.0

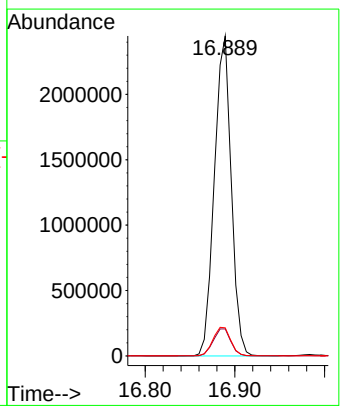


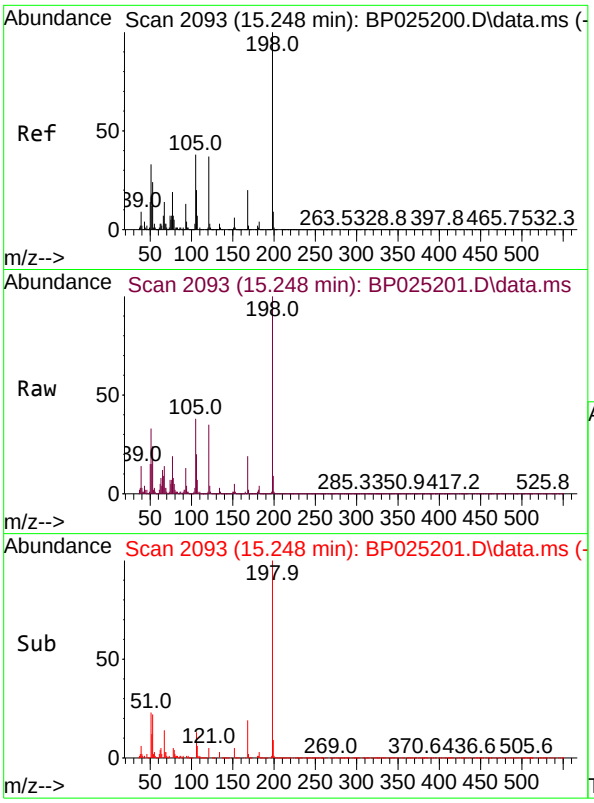


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:188 Resp: 3210937

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.8	7.3	10.9



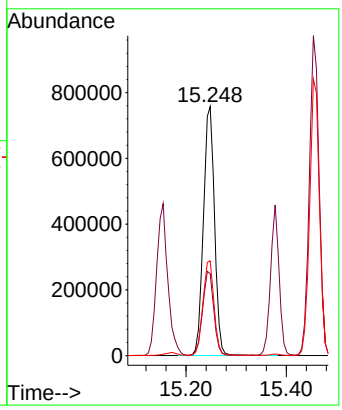


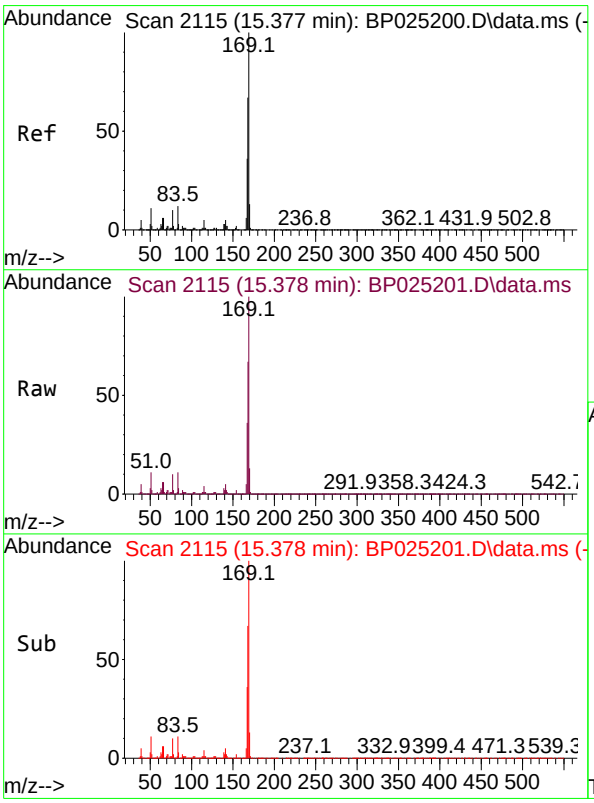
#65
4,6-Dinitro-2-methylphenol
Concen: 58.004 ng
RT: 15.248 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 1165979

Ion	Ratio	Lower	Upper
198	100		
51	32.9	14.6	54.6
105	38.1	18.3	58.3

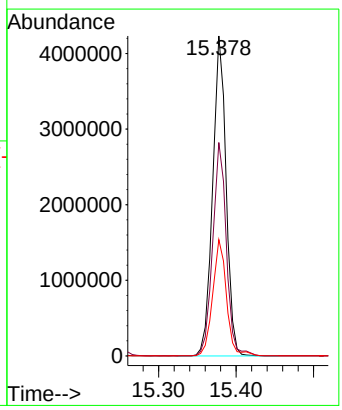


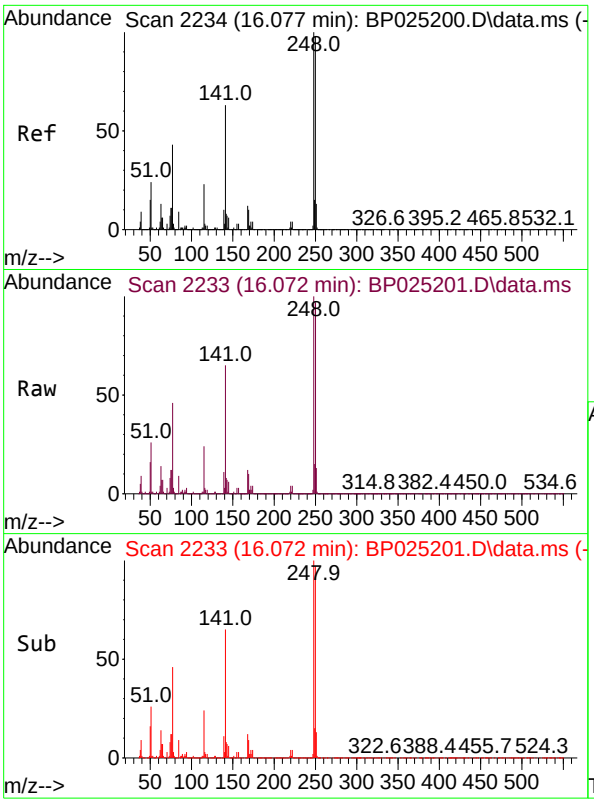


#66
n-Nitrosodiphenylamine
Concen: 50.889 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:169 Resp: 5088804

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.7	80.5
167	36.3	29.0	43.6



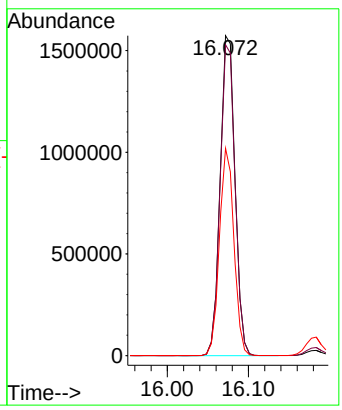


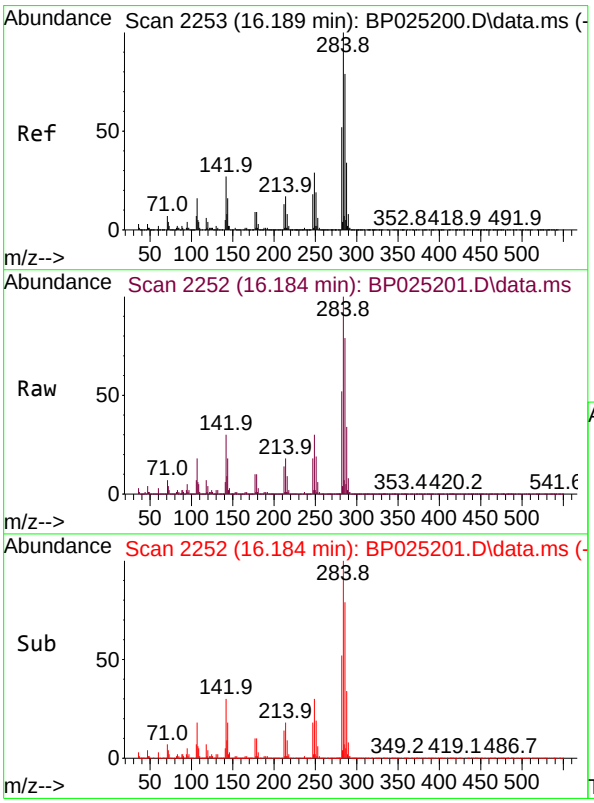
#67
4-Bromophenyl-phenylether
Concen: 52.573 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 1990339

Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.5	117.7
141	64.8	50.5	75.7

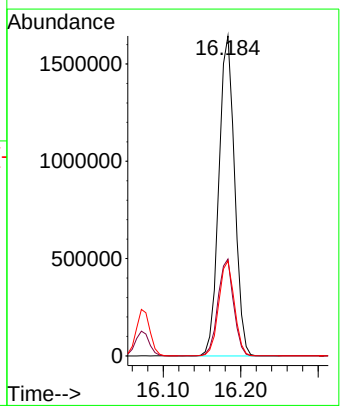


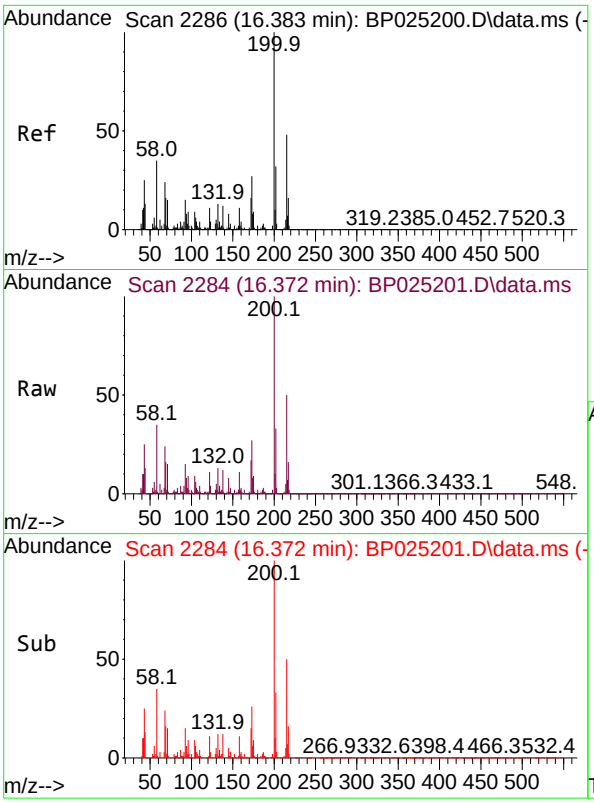


#68
Hexachlorobenzene
Concen: 51.350 ng
RT: 16.184 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:284 Resp: 2321405

Ion	Ratio	Lower	Upper
284	100		
142	30.3	21.5	32.3
249	29.7	23.4	35.0



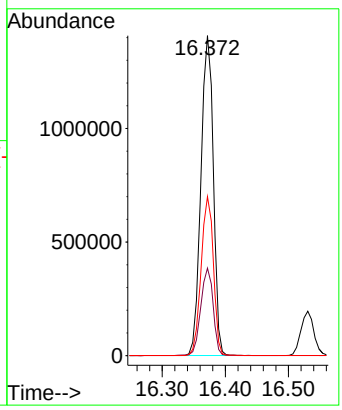


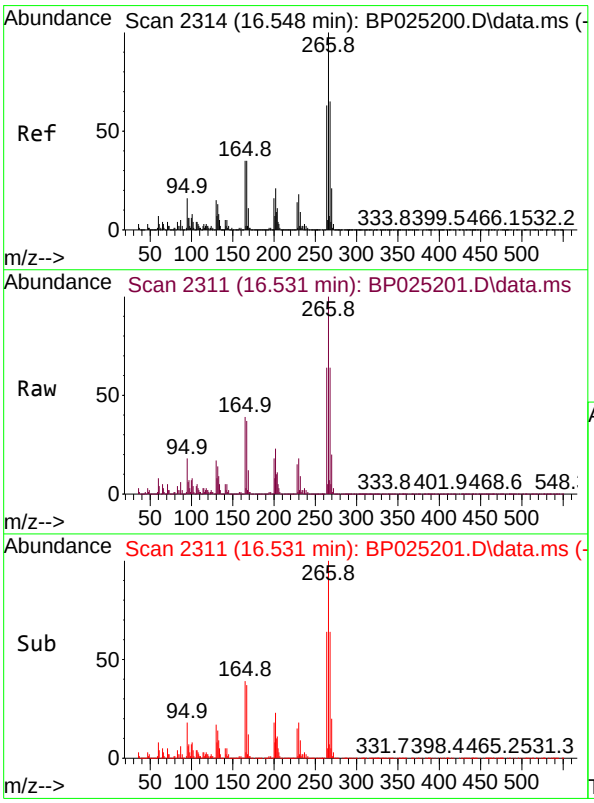
#69
Atrazine
Concen: 52.693 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 1920612

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	49.7	28.5	68.5

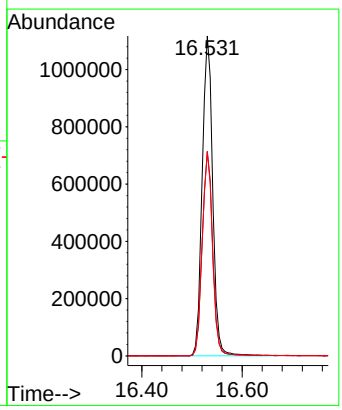


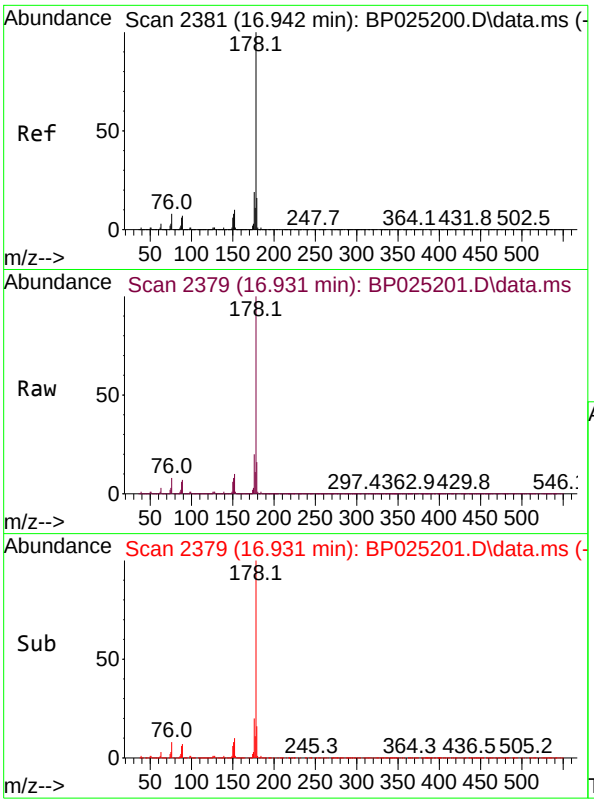


#70
Pentachlorophenol
Concen: 54.041 ng
RT: 16.531 min Scan# 2311
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:266 Resp: 1626155

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.8	77.6
264	63.8	50.3	75.5



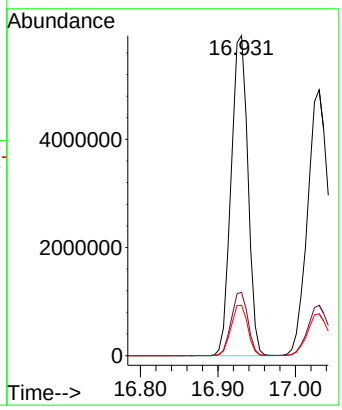


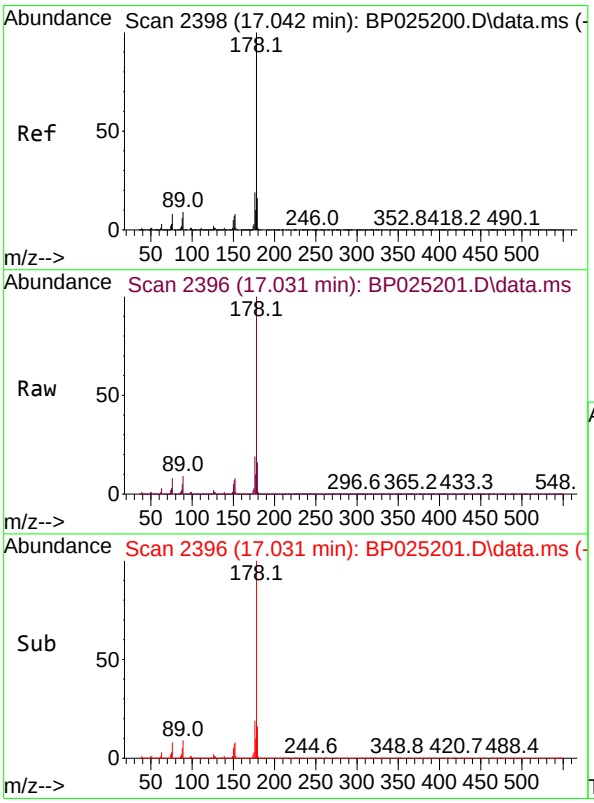
#71
Phenanthrene
Concen: 49.912 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 8929922

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.7	12.5	18.7

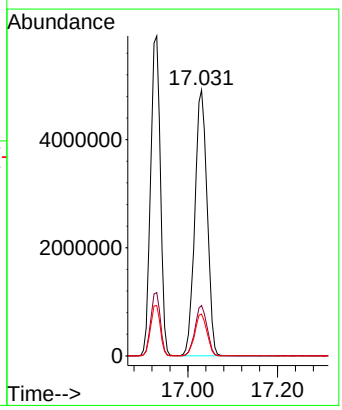


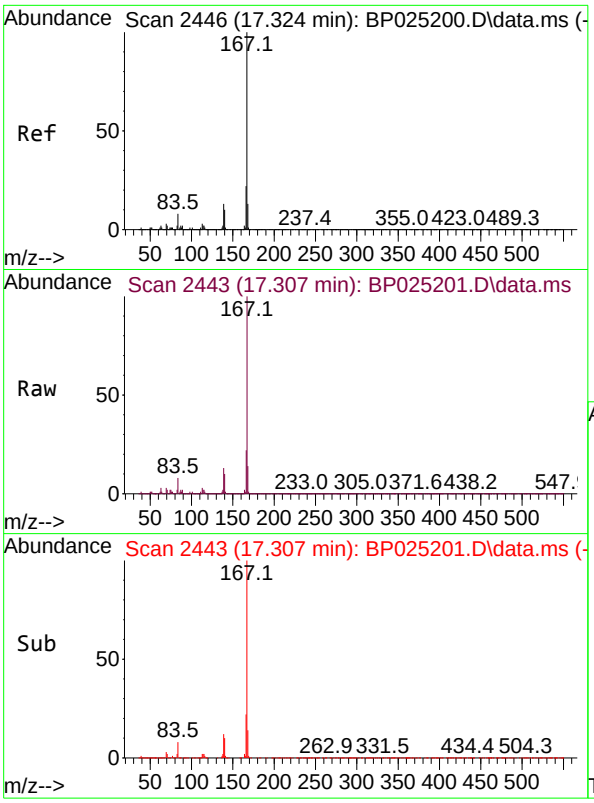


#72
Anthracene
Concen: 51.310 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:178 Resp: 9319174

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.7	12.5	18.7



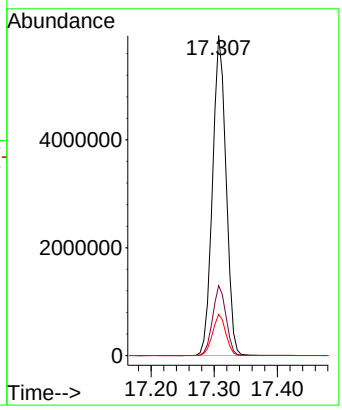


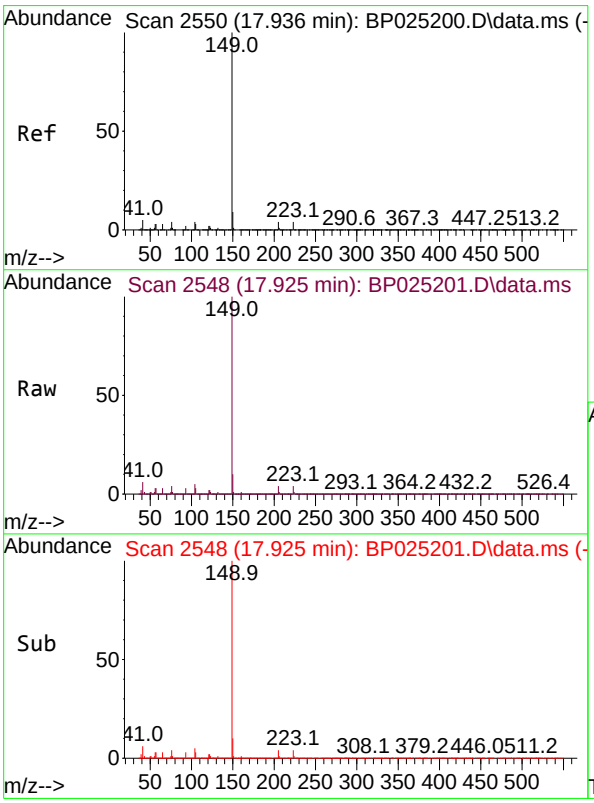
#73
Carbazole
Concen: 51.147 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 8838811

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.9	10.1	15.1

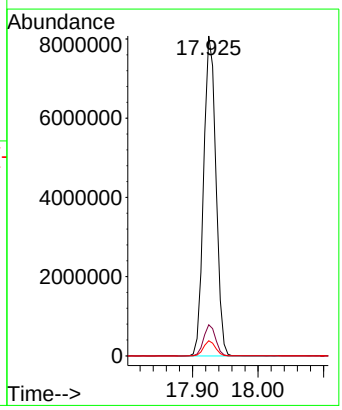


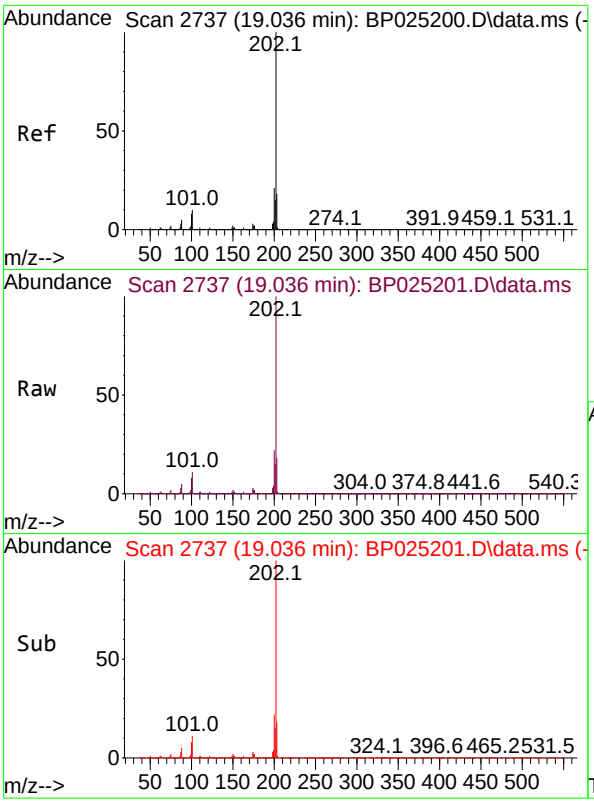


#74
Di-n-butylphthalate
Concen: 51.501 ng
RT: 17.925 min Scan# 2548
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp:10436099

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.7	3.5	5.3



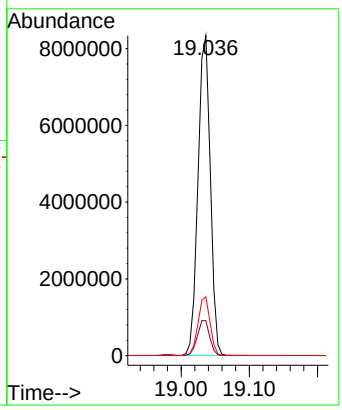


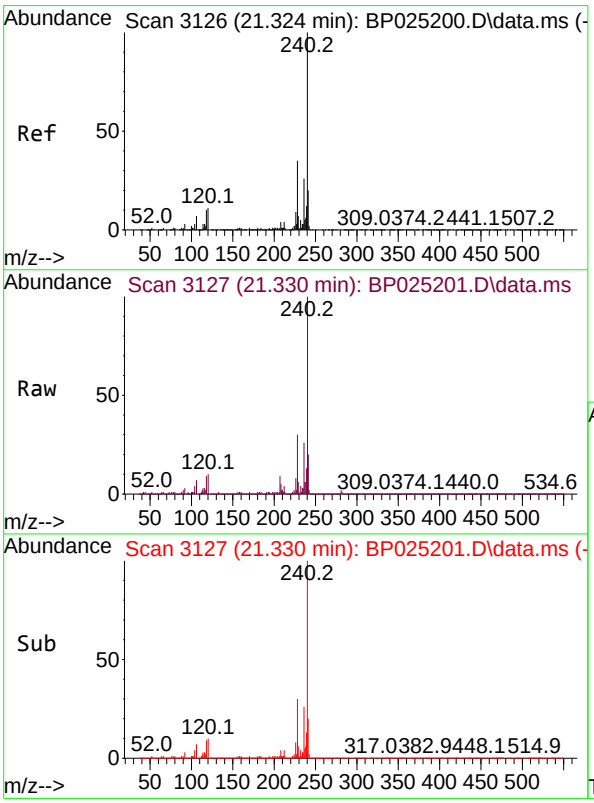
#75
Fluoranthene
Concen: 49.574 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp:10486987

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	18.4	0.0	38.0

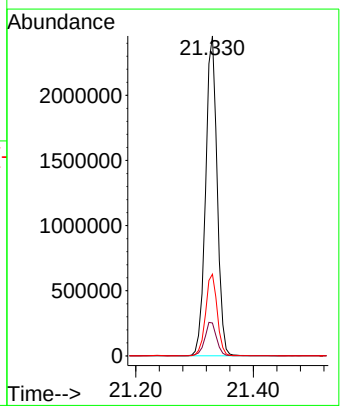


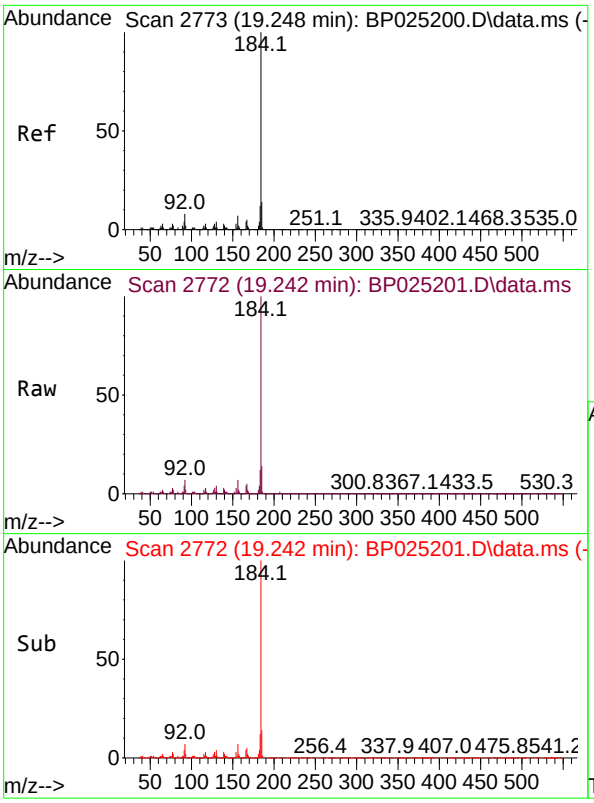


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:240 Resp: 3337112

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	25.5	20.9	31.3



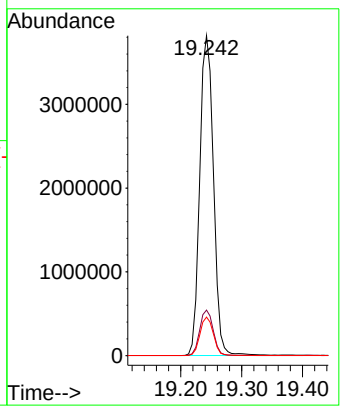


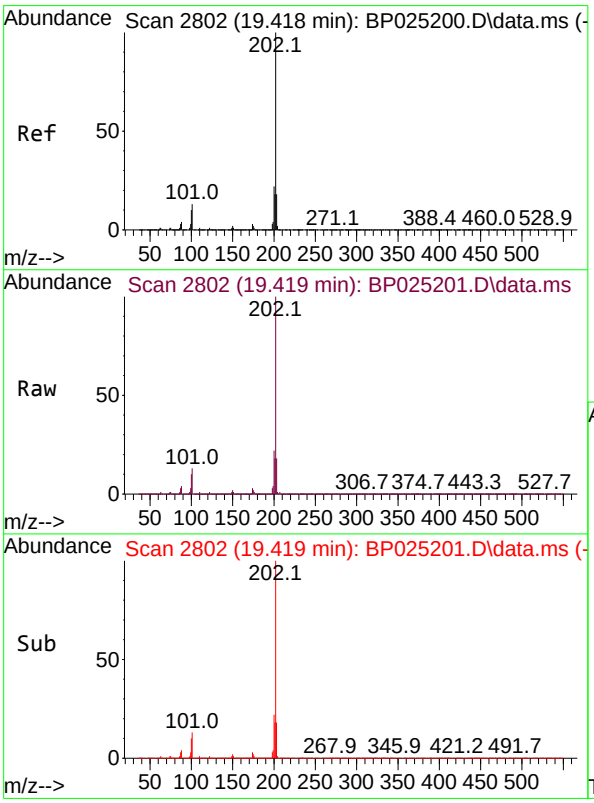
#77
Benzidine
Concen: 46.861 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 5973577

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.0	9.6	14.4

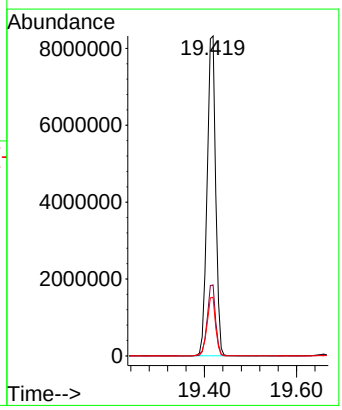


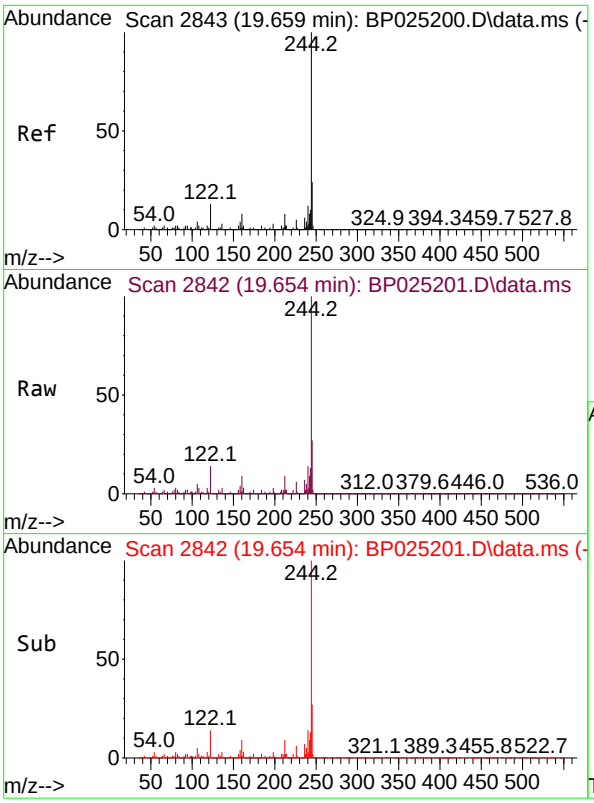


#78
Pyrene
Concen: 50.310 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:202 Resp:10669709

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.3	14.3	21.5



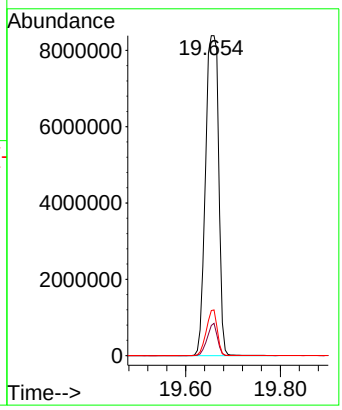


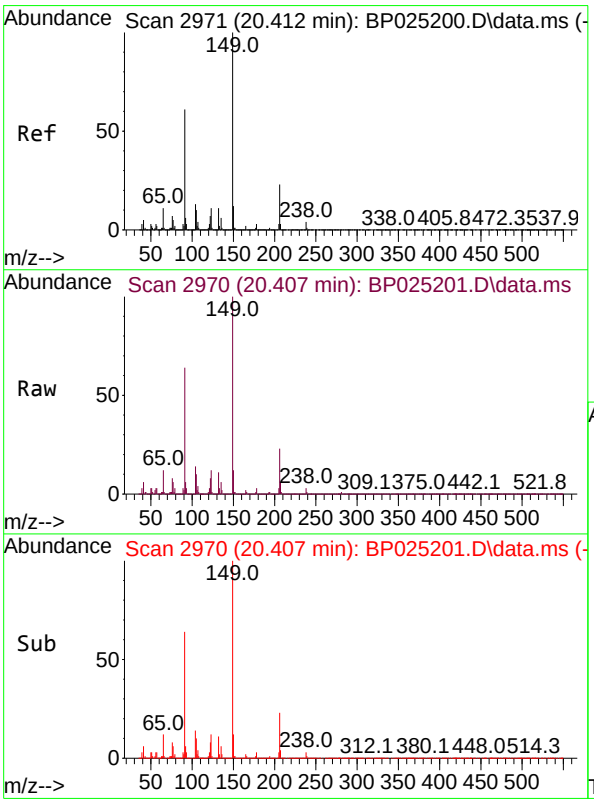
#79
Terphenyl-d14
Concen: 90.322 ng
RT: 19.654 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp:16139665

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.6	9.8
122	14.1	10.3	15.5

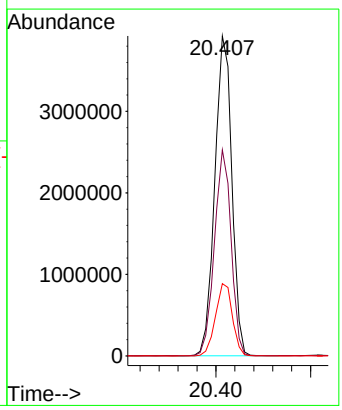


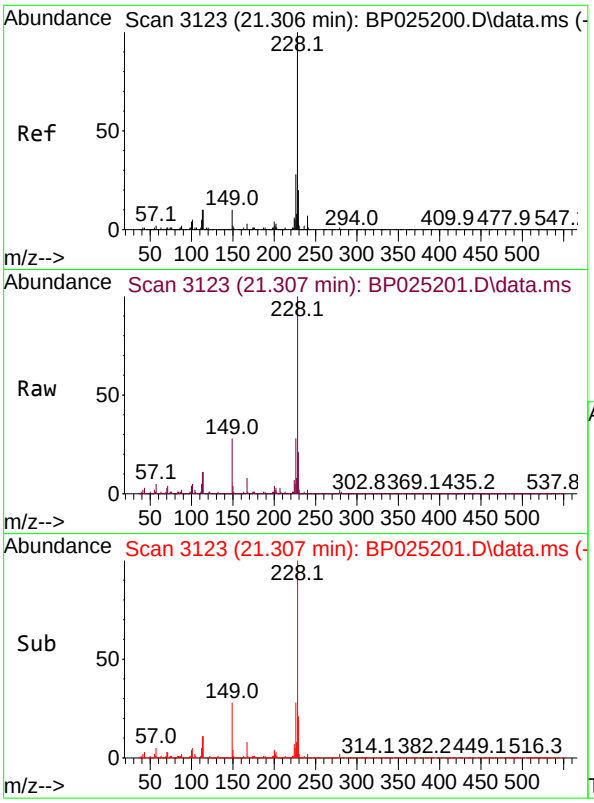


#80
Butylbenzylphthalate
Concen: 52.320 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 4896472

Ion	Ratio	Lower	Upper
149	100		
91	64.4	48.8	73.2
206	22.6	18.4	27.6



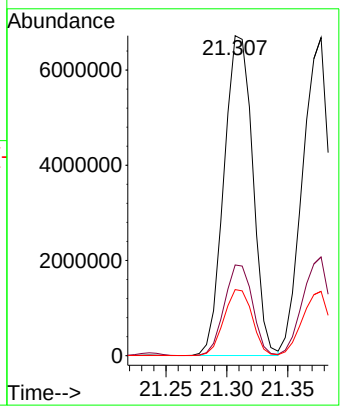


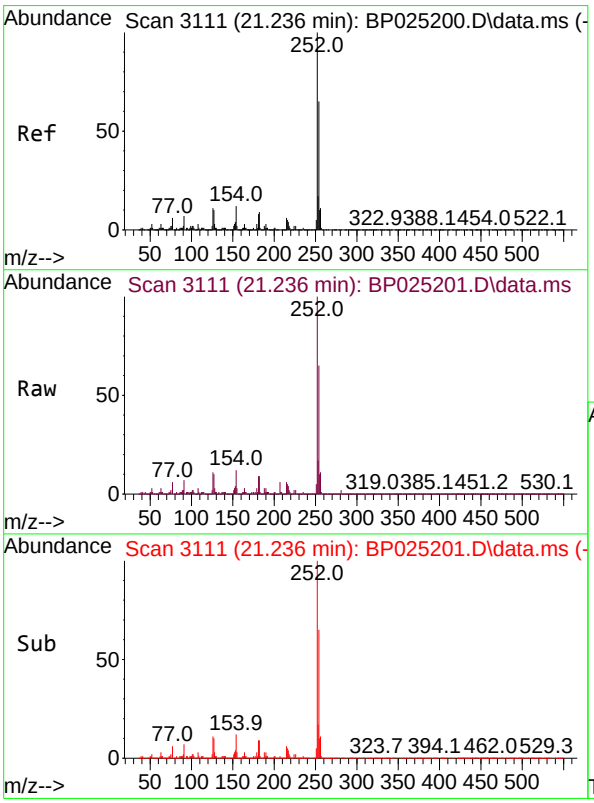
#81
Benzo(a)anthracene
Concen: 50.804 ng
RT: 21.307 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp:11027653

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.6	16.2	24.2

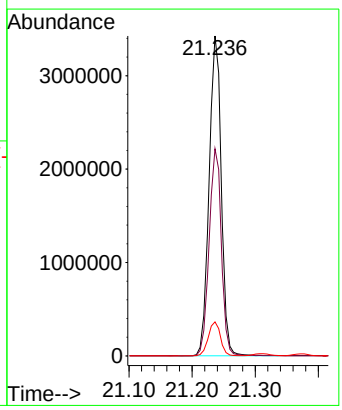


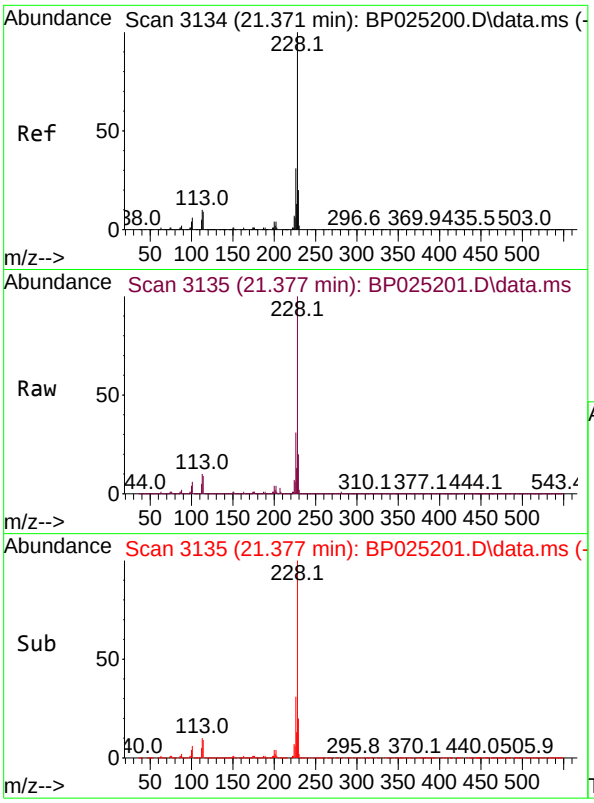


#82
3,3'-Dichlorobenzidine
Concen: 51.576 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp: 4590583

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.6	8.6	12.8



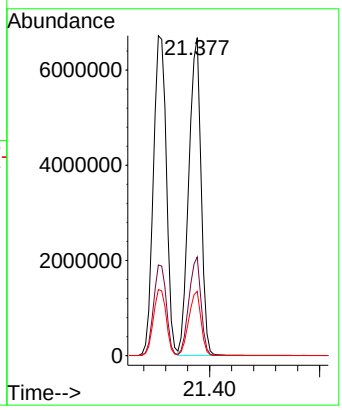


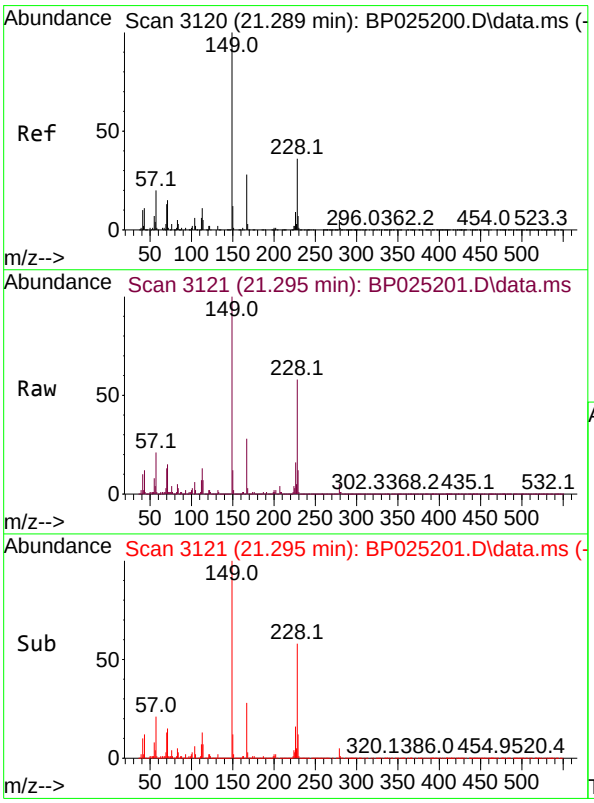
#83
Chrysene
Concen: 50.942 ng
RT: 21.377 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp:10311953

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.2	16.0	24.0

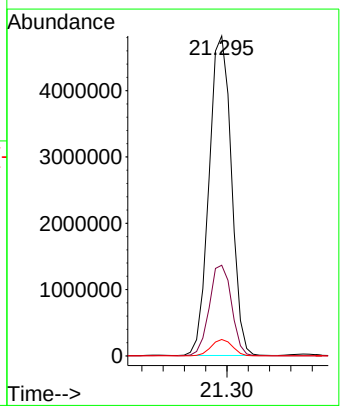


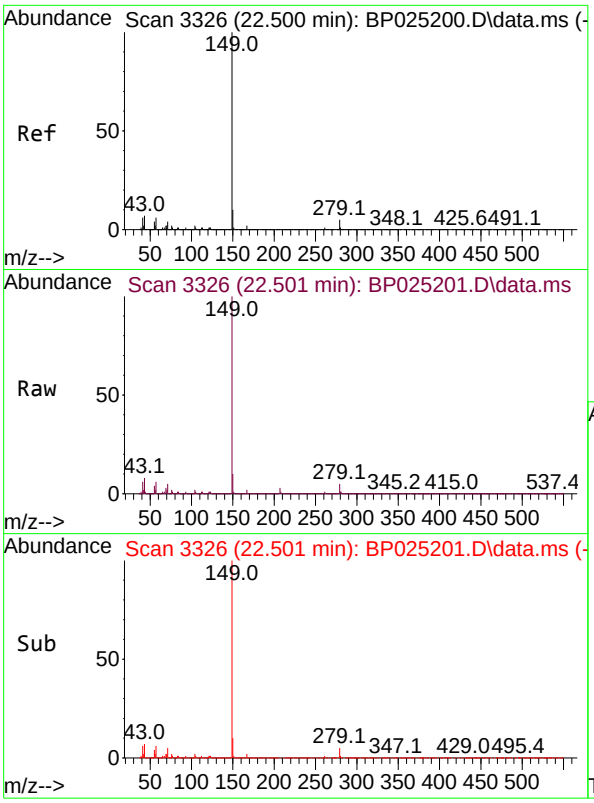


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.373 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 7009358

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.1	4.0	6.0



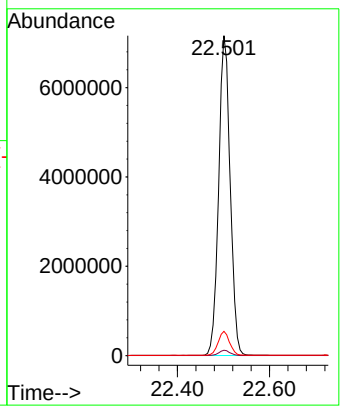


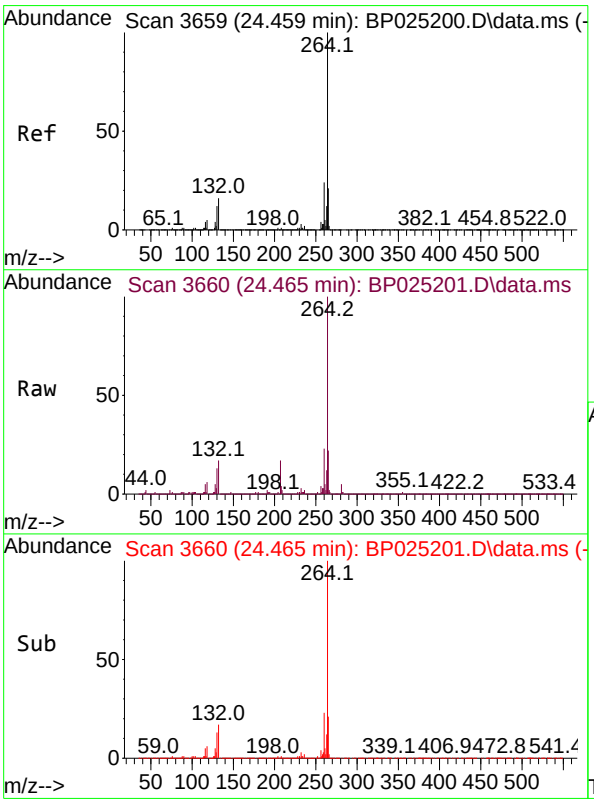
#85
Di-n-octyl phthalate
Concen: 52.335 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp:12446110

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

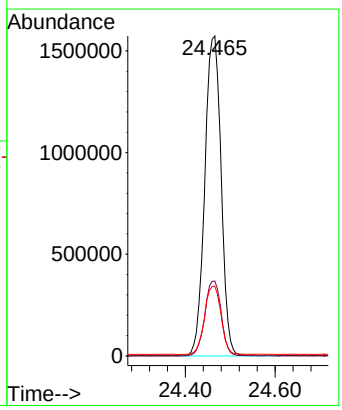


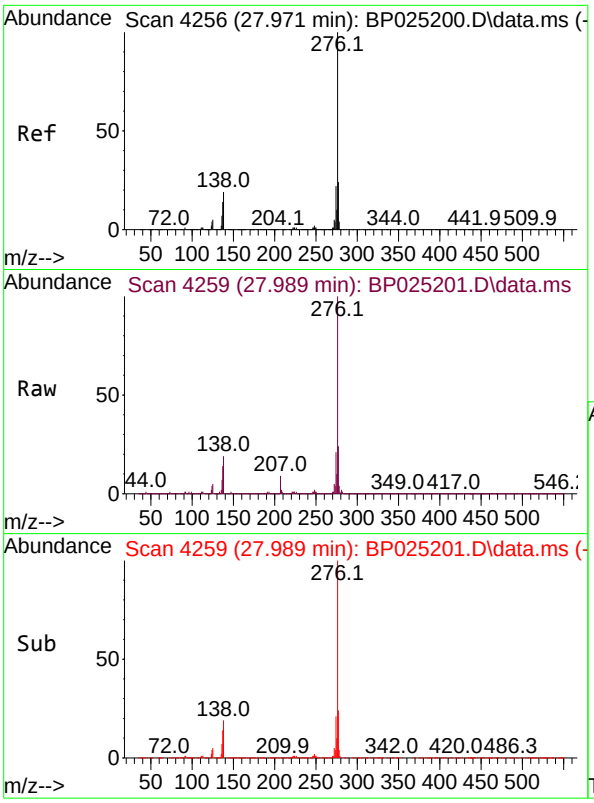


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:264 Resp: 3976559

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.8	17.5	26.3



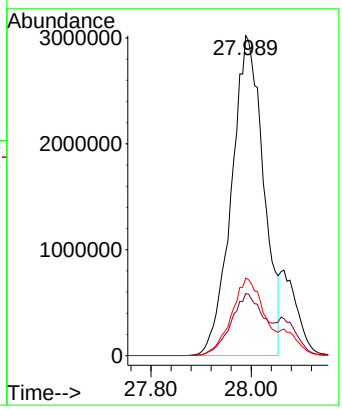


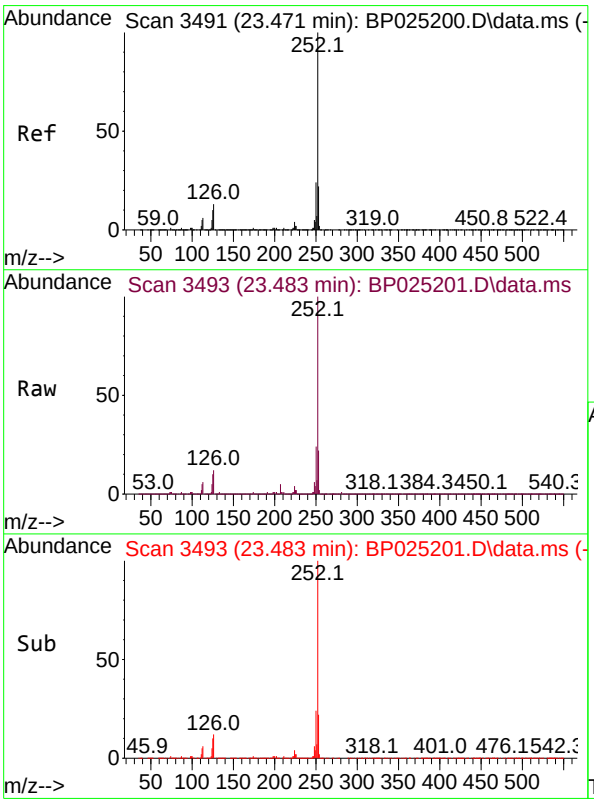
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.723 ng
RT: 27.989 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp:13365301

Ion	Ratio	Lower	Upper
276	100		
138	19.8	12.8	19.2#
277	24.7	20.3	30.5

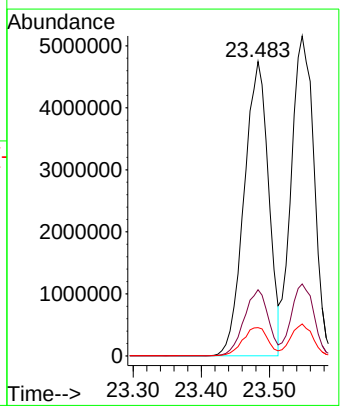


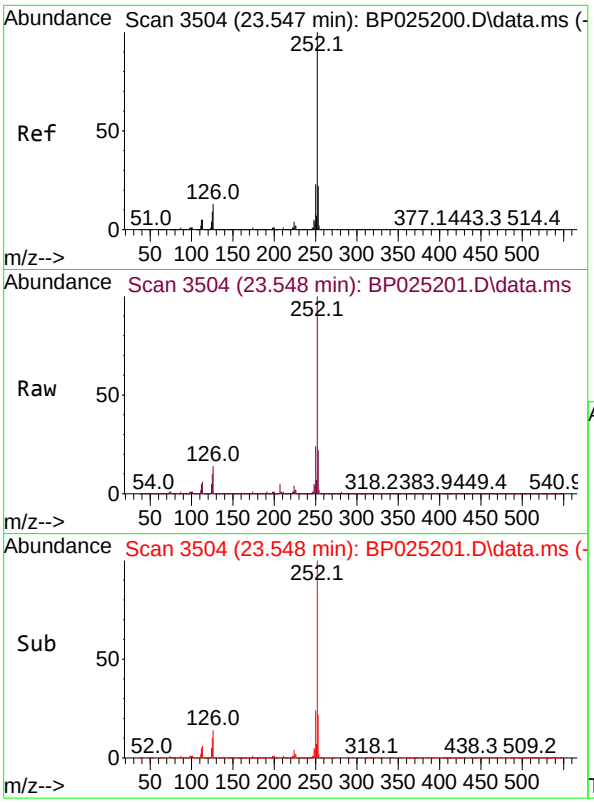


#88
Benzo(b)fluoranthene
Concen: 50.891 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11802054

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.6	7.8	11.8



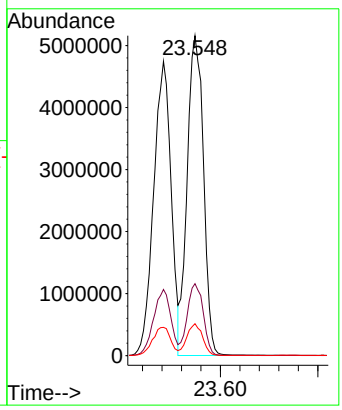


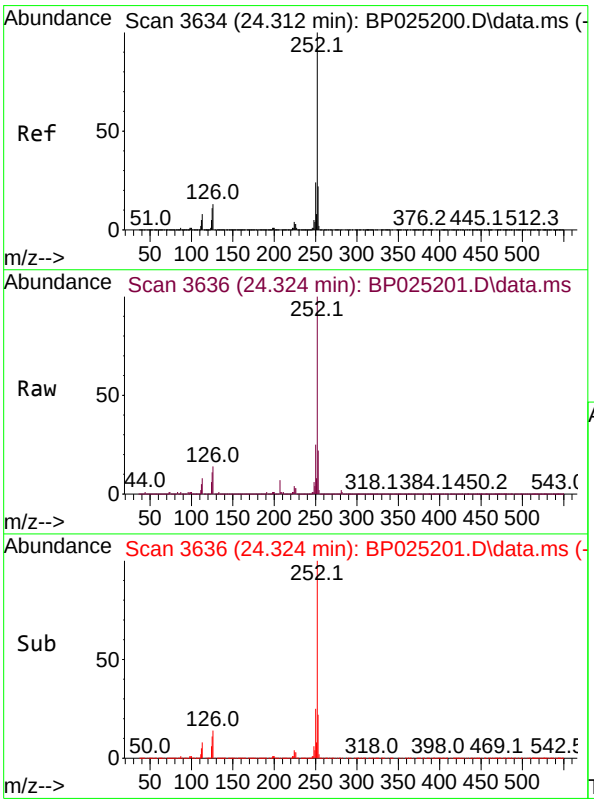
#89
Benzo(k)fluoranthene
Concen: 51.862 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp:11941338

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.0	7.5	11.3

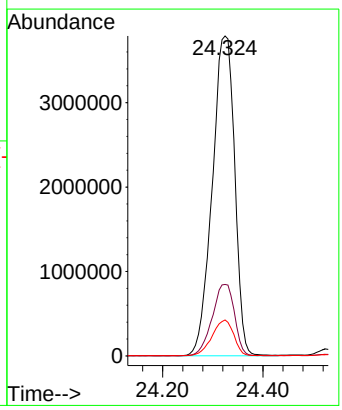


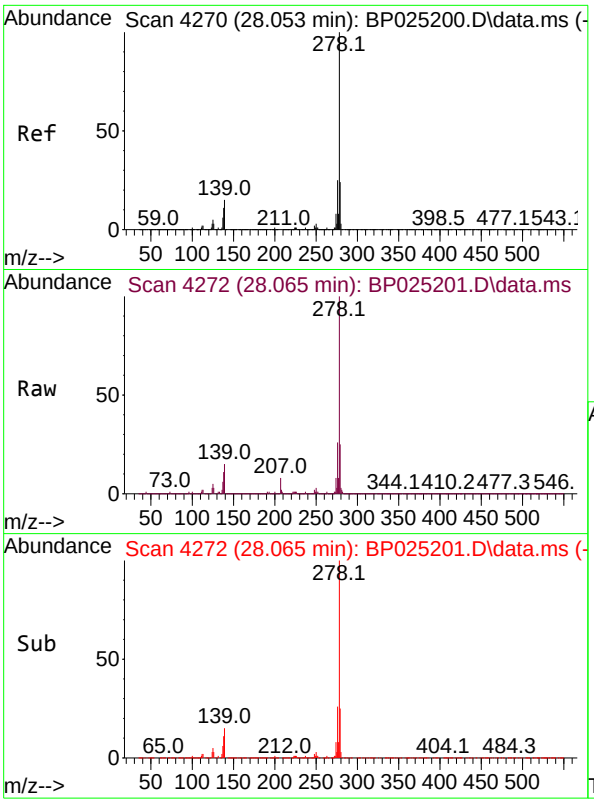


#90
Benzo(a)pyrene
Concen: 52.237 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11759136

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.2	8.6	12.8



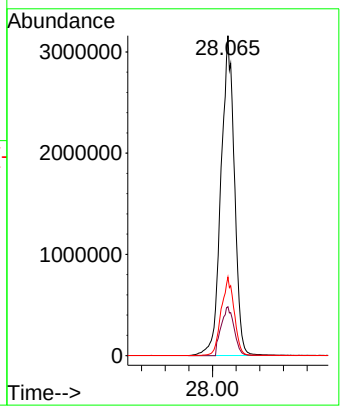


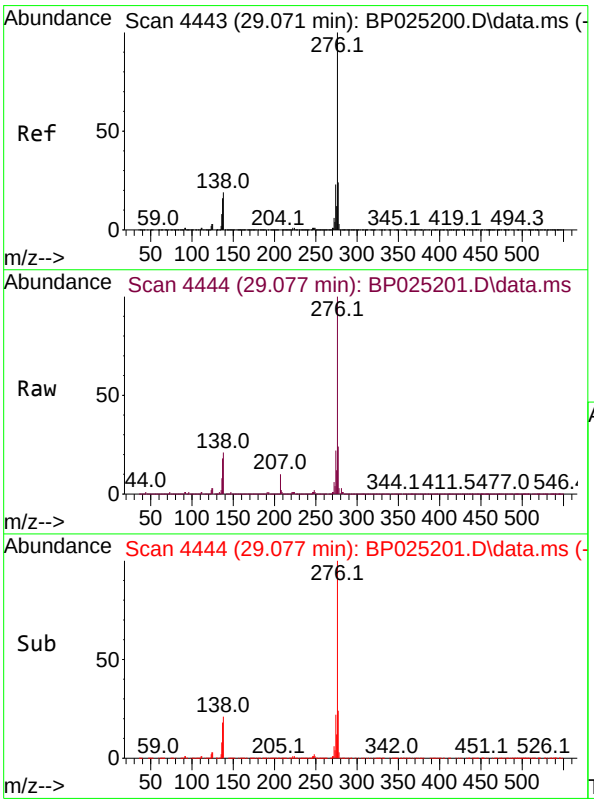
#91
Dibenzo(a,h)anthracene
Concen: 51.898 ng
RT: 28.065 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp:12441007

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.0	18.0
279	24.6	19.5	29.3

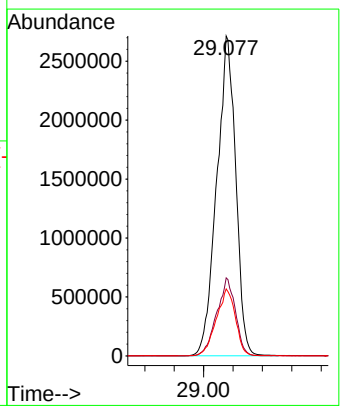




#92
Benzo(g,h,i)perylene
Concen: 51.884 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:276 Resp:12183528

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	20.9	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	733748	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	3008435	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1899722	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	3857742	20.000	ng		0.01
76) Chrysene-d12	21.336	240	3752201	20.000	ng		0.01
86) Perylene-d12	24.460	264	4584448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	6557069	149.291	ng		0.00
7) Phenol-d6	6.637	99	8210908	151.423	ng		0.00
23) Nitrobenzene-d5	8.572	82	7999353	145.785	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	4276015	151.370	ng		0.00
45) 2-Fluorobiphenyl	12.684	172	17101882	119.181	ng		0.00
79) Terphenyl-d14	19.660	244	16467563	81.962	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.120	88	1224318	74.170	ng		100
3) Pyridine	3.490	79	3390800	77.556	ng		99
4) n-Nitrosodimethylamine	3.408	42	1359921	78.815	ng		98
6) Aniline	6.784	93	5470258	77.576	ng		100
8) 2-Chlorophenol	7.008	128	3817569	77.248	ng		99
9) Benzaldehyde	6.596	77	2187532	56.451	ng		99
10) Phenol	6.666	94	4302363	76.687	ng		100
11) bis(2-Chloroethyl)ether	6.878	93	3282232	76.196	ng		99
12) 1,3-Dichlorobenzene	7.325	146	4192818	74.781	ng		99
13) 1,4-Dichlorobenzene	7.466	146	4246480	75.053	ng		100
14) 1,2-Dichlorobenzene	7.778	146	4111863	75.632	ng		100
15) Benzyl Alcohol	7.672	79	3024971	77.828	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	4186533	75.769	ng		99
17) 2-Methylphenol	7.878	107	3006945	77.489	ng		99
18) Hexachloroethane	8.490	117	1488292	77.034	ng		99
19) n-Nitroso-di-n-propyla...	8.237	70	2435834	74.535	ng		99
20) 3+4-Methylphenols	8.207	107	4068704	76.765	ng		98
22) Acetophenone	8.243	105	5133884	72.049	ng	#	99
24) Nitrobenzene	8.607	77	3658209	75.229	ng		98
25) Isophorone	9.143	82	7223163	75.163	ng		99
26) 2-Nitrophenol	9.302	139	2240908	81.871	ng		99
27) 2,4-Dimethylphenol	9.378	122	3551153	76.211	ng		98
28) bis(2-Chloroethoxy)met...	9.613	93	4412252	73.133	ng		100
29) 2,4-Dichlorophenol	9.843	162	3685883	77.123	ng		99
30) 1,2,4-Trichlorobenzene	10.043	180	3927729	74.689	ng		100
31) Naphthalene	10.231	128	11319955	72.252	ng		99
32) Benzoic acid	9.590	122	3001596	88.203	ng		99
33) 4-Chloroaniline	10.337	127	5125849	75.351	ng		99
34) Hexachlorobutadiene	10.525	225	2369882	75.041	ng		99
35) Caprolactam	11.154	113	1081158	68.740	ng		99
36) 4-Chloro-3-methylphenol	11.484	107	3678461	77.068	ng		100
37) 2-Methylnaphthalene	11.848	142	7455840	73.577	ng		99
38) 1-Methylnaphthalene	12.078	142	7690366	71.955	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	4340312	75.446	ng		100
41) Hexachlorocyclopentadiene	12.213	237	2895907	88.768	ng		99
43) 2,4,6-Trichlorophenol	12.478	196	3076273	79.138	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	3347418	78.125	ng		99
46) 1,1'-Biphenyl	12.895	154	10154378	72.288	ng		99
47) 2-Chloronaphthalene	12.925	162	8143502	74.828	ng		100
48) 2-Nitroaniline	13.143	65	2203215	80.707	ng		98
49) Acenaphthylene	13.801	152	12310461	68.982	ng		94
50) Dimethylphthalate	13.554	163	9992464	72.091	ng		100
51) 2,6-Dinitrotoluene	13.666	165	2352035	80.161	ng		98
52) Acenaphthene	14.148	154	7352873	71.522	ng		99
53) 3-Nitroaniline	13.990	138	2663404	80.451	ng		97
54) 2,4-Dinitrophenol	14.213	184	1560749	94.925	ng		96
55) Dibenzofuran	14.495	168	11781763	70.782	ng		97
56) 4-Nitrophenol	14.325	139	2263623	80.237	ng		98
57) 2,4-Dinitrotoluene	14.478	165	3321462	81.257	ng		99
58) Fluorene	15.160	166	9278378	69.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	2961338	78.074	ng		99
60) Diethylphthalate	14.960	149	9739656	71.116	ng		98
61) 4-Chlorophenyl-phenyle...	15.172	204	4730340	70.690	ng		100
62) 4-Nitroaniline	15.195	138	2685203	79.596	ng		97
63) Azobenzene	15.466	77	8319717	75.626	ng		99
65) 4,6-Dinitro-2-methylph...	15.260	198	2092932	86.660	ng		98
66) n-Nitrosodiphenylamine	15.384	169	8318929	69.242	ng		99
67) 4-Bromophenyl-phenylether	16.078	248	3392847	74.593	ng		99
68) Hexachlorobenzene	16.189	284	3958634	72.885	ng		95
69) Atrazine	16.389	200	3266485	74.592	ng		99
70) Pentachlorophenol	16.560	266	2852574	78.904	ng		99
71) Phenanthrene	16.954	178	14380185	66.900	ng		93
72) Anthracene	17.036	178	13655221	62.578	ng		94
73) Carbazole	17.331	167	13502968	65.036	ng	#	92
74) Di-n-butylphthalate	17.942	149	14237898	58.482	ng		97
75) Fluoranthene	19.048	202	17185754	67.620	ng		94
77) Benzidine	19.254	184	7975723	55.646	ng		100
78) Pyrene	19.425	202	16361302	68.613	ng	#	91
80) Butylbenzylphthalate	20.413	149	8056925	76.566	ng		97
81) Benzo(a)anthracene	21.313	228	16742085	68.598	ng		96
82) 3,3'-Dichlorobenzidine	21.260	252	7248237	72.426	ng		100
83) Chrysene	21.313	228	16742085	73.558	ng		97
84) Bis(2-ethylhexyl)phtha...	21.301	149	10793960	70.360	ng		96
85) Di-n-octyl phthalate	22.513	149	18225919	68.160	ng		98
87) Indeno(1,2,3-cd)pyrene	28.024	276	21743066	64.520	ng	#	95
88) Benzo(b)fluoranthene	23.501	252	19418416	72.630	ng		99
89) Benzo(k)fluoranthene	23.560	252	18389745	69.278	ng		95
90) Benzo(a)pyrene	24.336	252	19250934	74.177	ng		99
91) Dibenzo(a,h)anthracene	28.101	278	20686577	74.852	ng		100
92) Benzo(g,h,i)perylene	29.112	276	20810607	76.871	ng		99

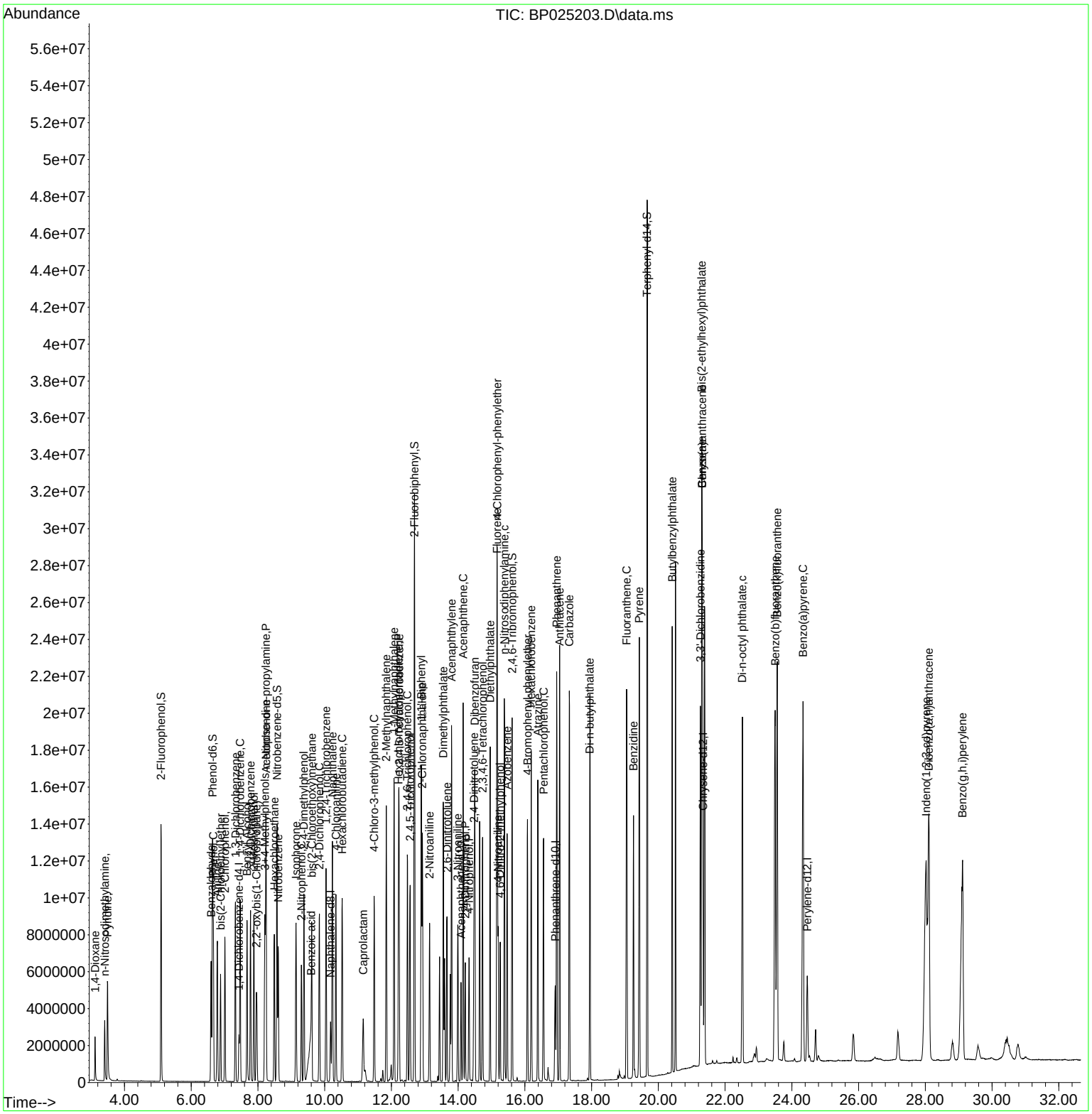
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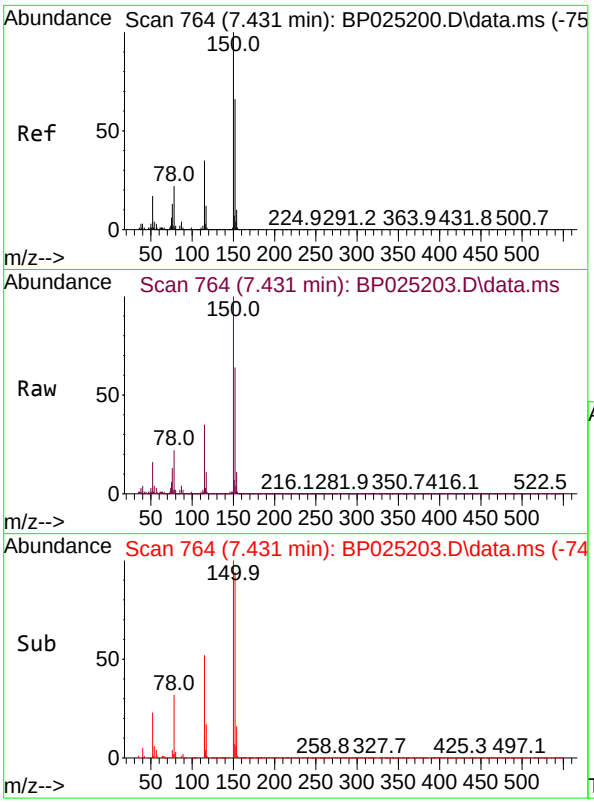
Quantitation Report (Not Reviewed)

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Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



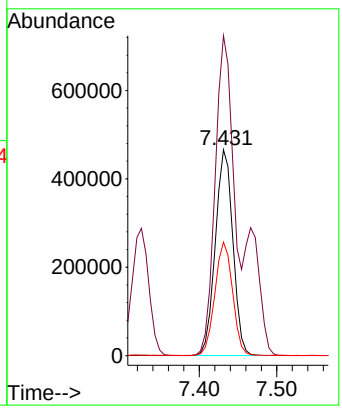


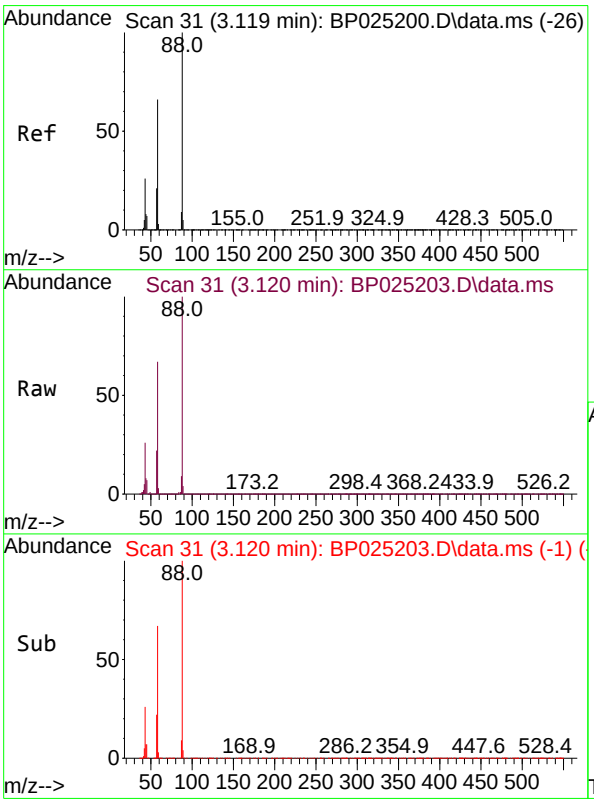
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 733748

Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.9	182.9
115	55.1	43.0	64.6

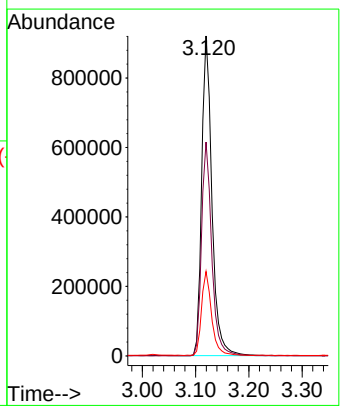


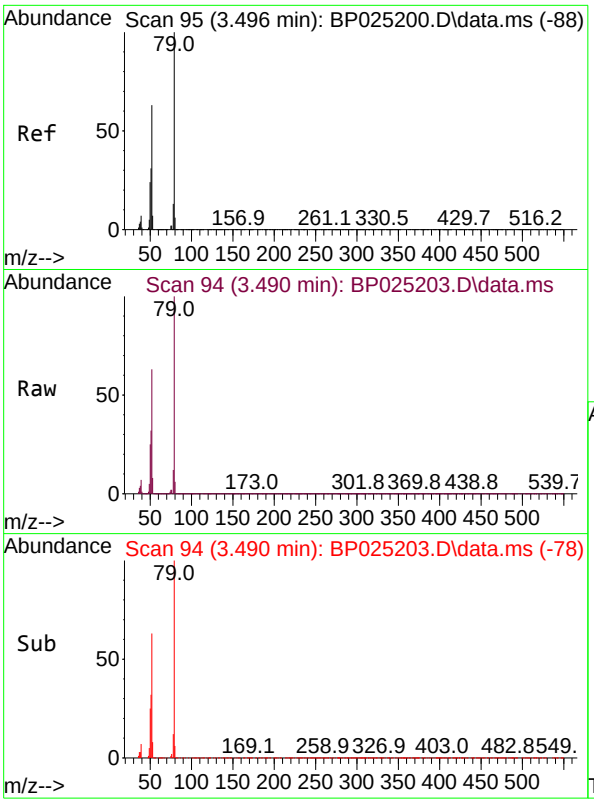


#2
1,4-Dioxane
Concen: 74.170 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 88 Resp: 1224318

Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.5	80.3
43	25.9	20.8	31.2



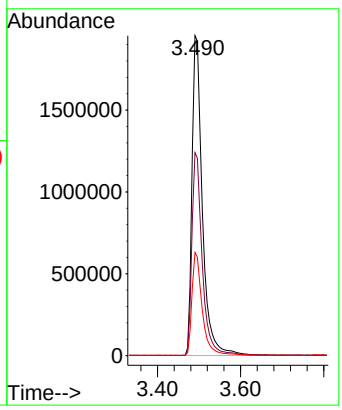


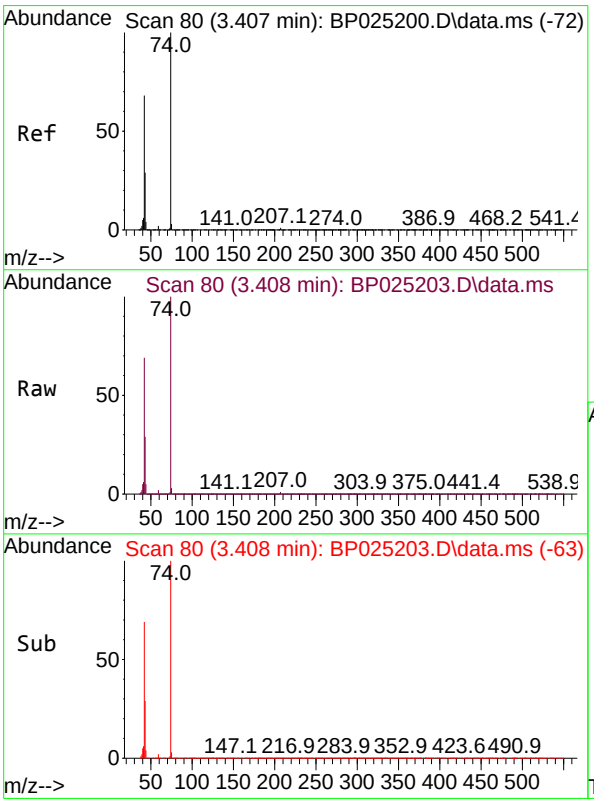
#3
Pyridine
Concen: 77.556 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 3390800

Ion	Ratio	Lower	Upper
79	100		
52	63.4	50.2	75.4
51	32.2	25.0	37.4

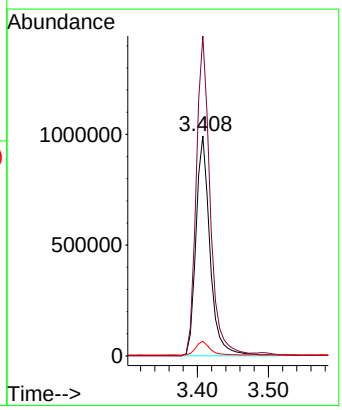


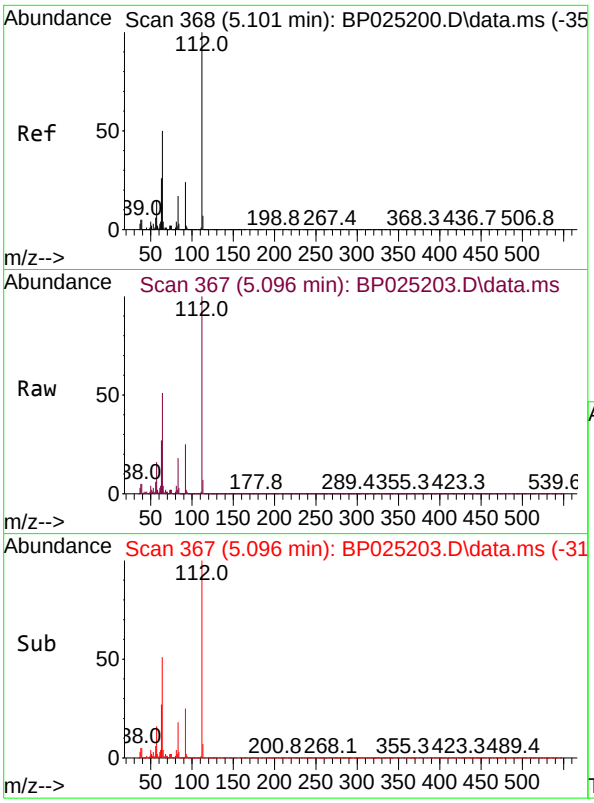


#4
n-Nitrosodimethylamine
Concen: 78.815 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 42 Resp: 1359921

Ion	Ratio	Lower	Upper
42	100		
74	145.5	118.0	177.0
44	6.6	5.5	8.3



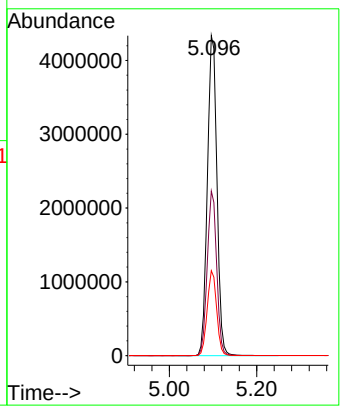


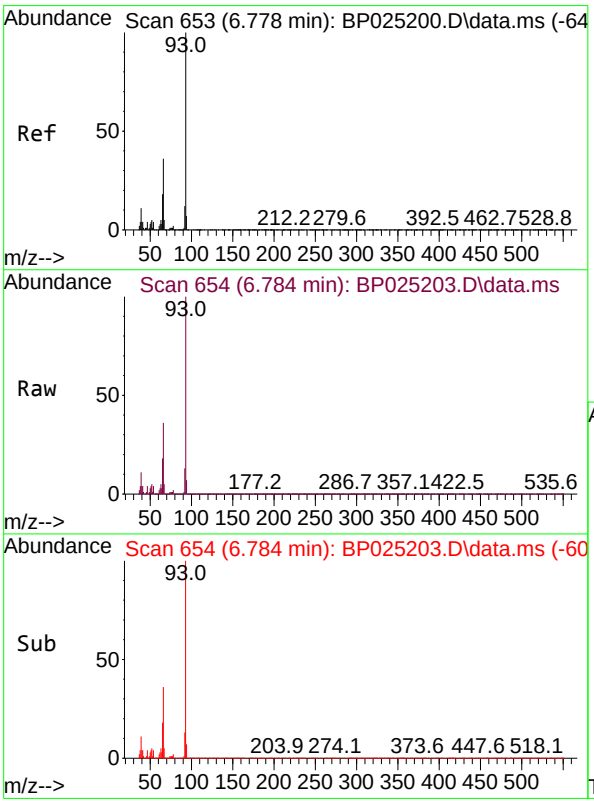
#5
2-Fluorophenol
Concen: 149.291 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 6557069

Ion	Ratio	Lower	Upper
112	100		
64	51.4	39.8	59.6
63	26.5	20.5	30.7

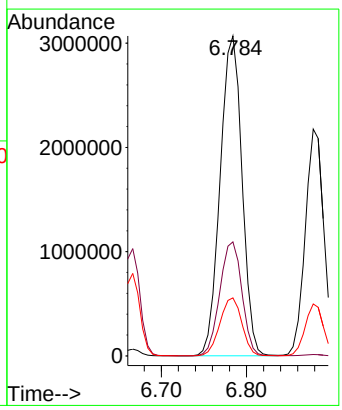


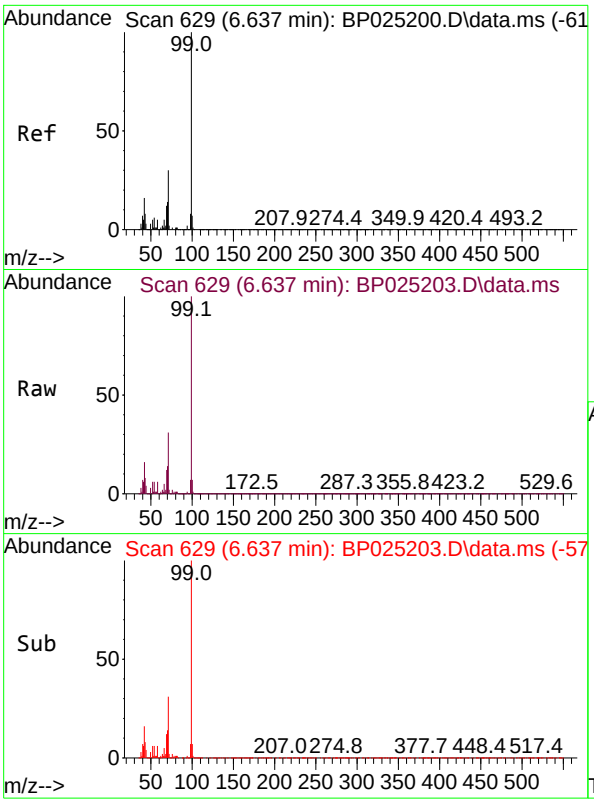


#6
Aniline
Concen: 77.576 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 5470258

Ion	Ratio	Lower	Upper
93	100		
66	35.6	28.6	43.0
65	18.1	14.6	21.8



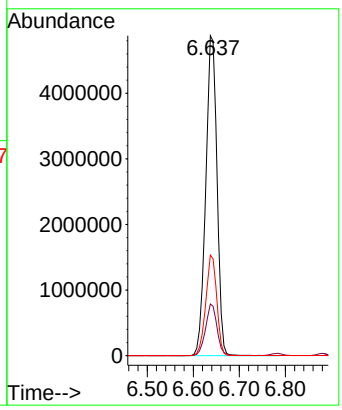


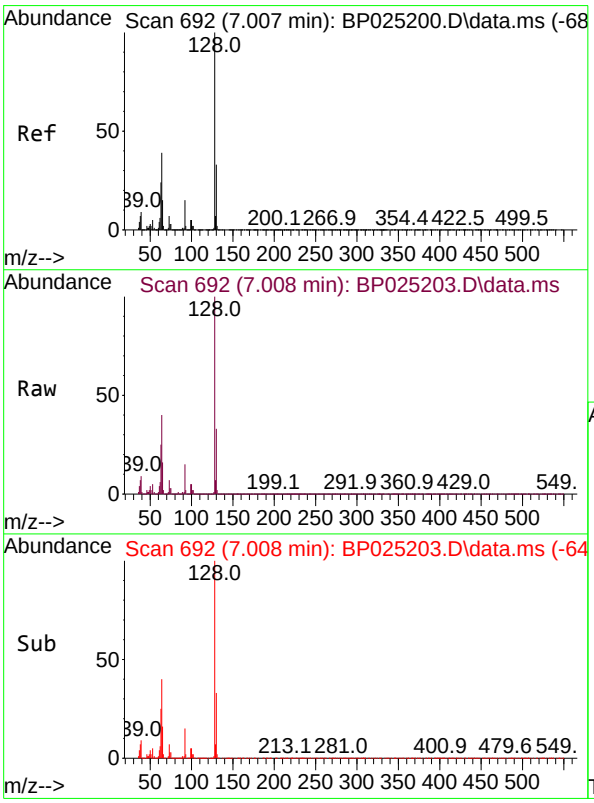
#7
Phenol-d6
Concen: 151.423 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 8210908

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	31.5	24.2	36.2

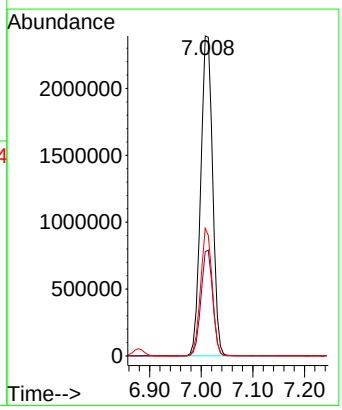


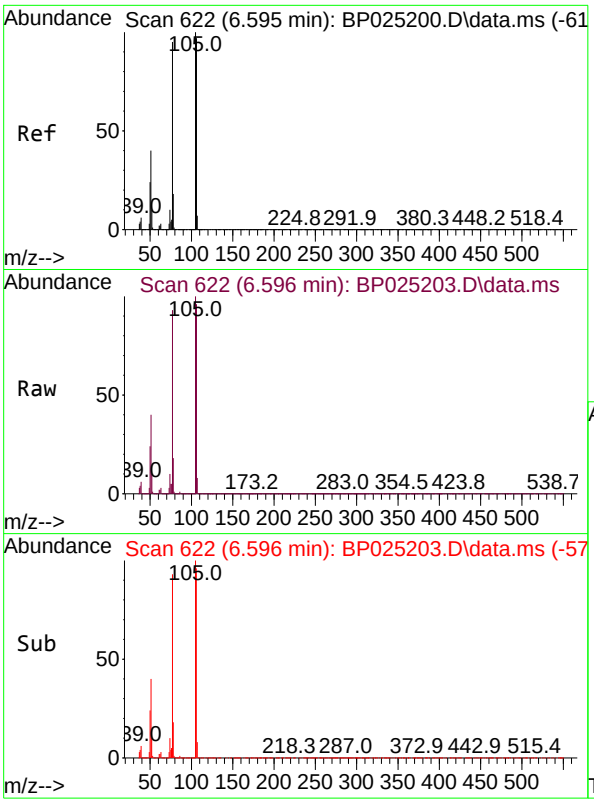


#8
2-Chlorophenol
Concen: 77.248 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp: 3817569

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	39.9	19.2	59.2



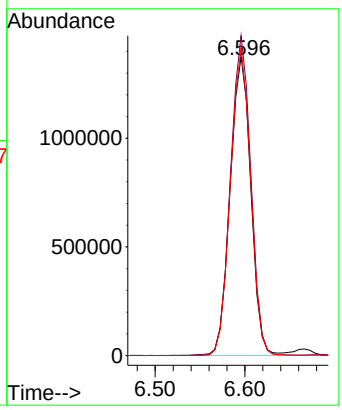


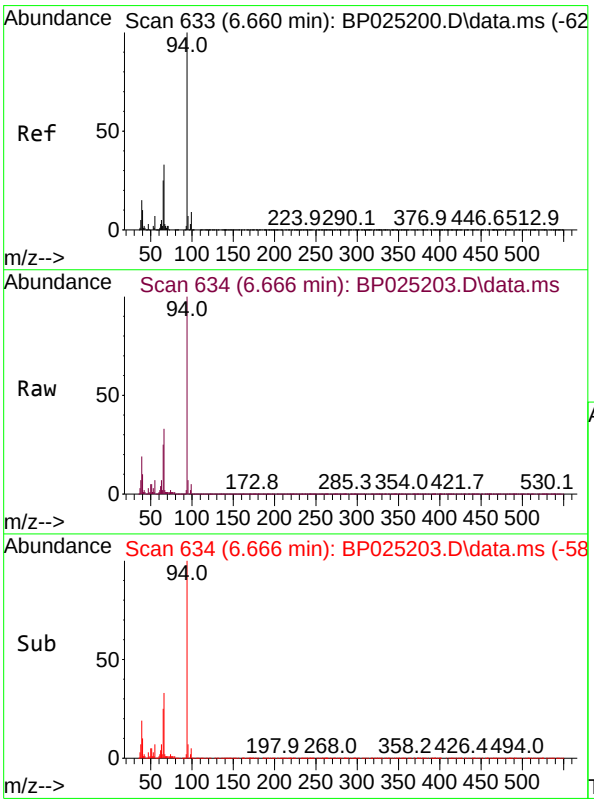
#9
Benzaldehyde
Concen: 56.451 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2187532

Ion	Ratio	Lower	Upper
77	100		
105	107.1	85.5	125.5
106	103.1	81.9	121.9

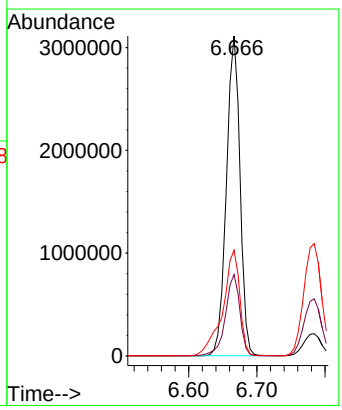


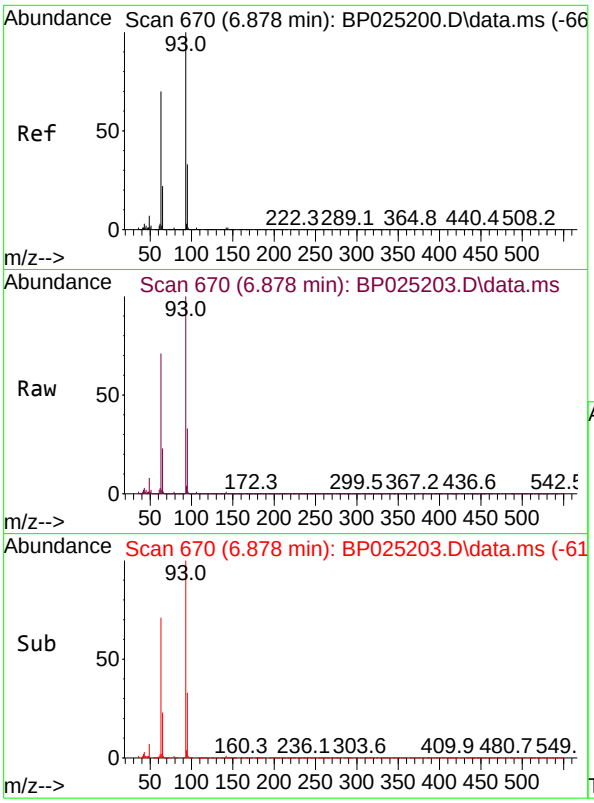


#10
Phenol
Concen: 76.687 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 94 Resp: 4302363

Ion	Ratio	Lower	Upper
94	100		
65	25.4	5.4	45.4
66	33.0	13.5	53.5



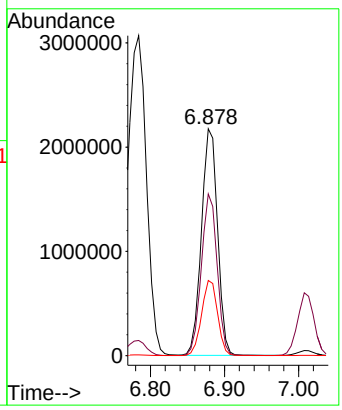


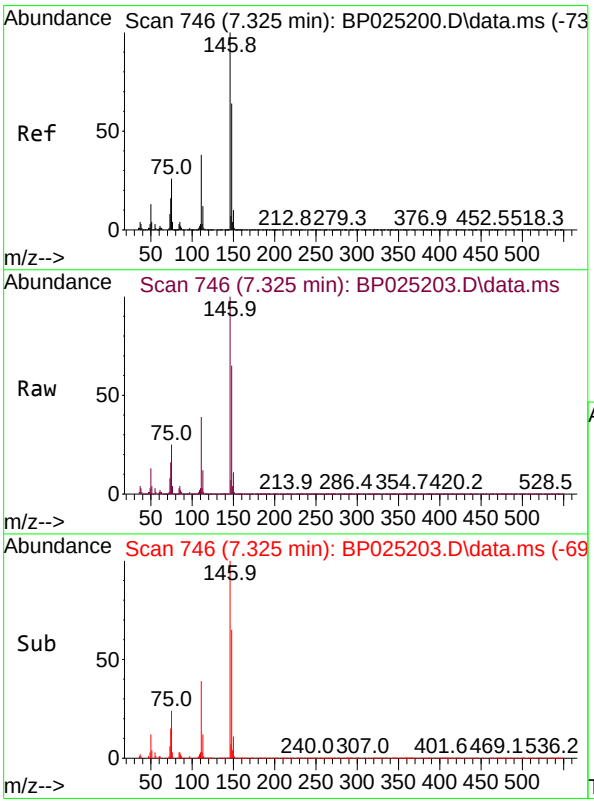
#11
bis(2-Chloroethyl)ether
Concen: 76.196 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 3282232

Ion	Ratio	Lower	Upper
93	100		
63	71.3	50.0	90.0
95	33.1	12.9	52.9

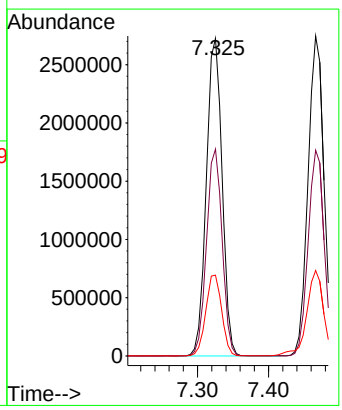


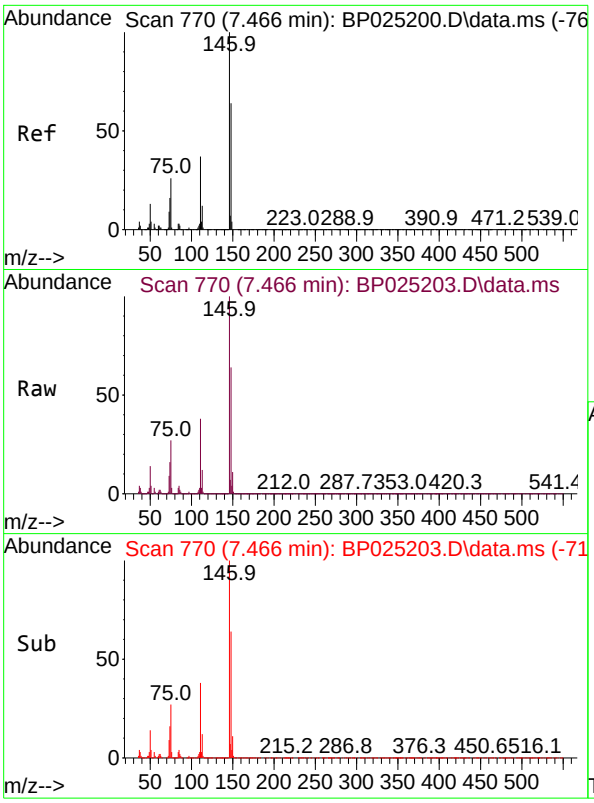


#12
1,3-Dichlorobenzene
Concen: 74.781 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4192818

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
75	25.4	20.6	31.0



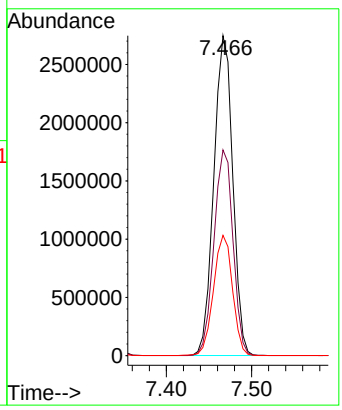


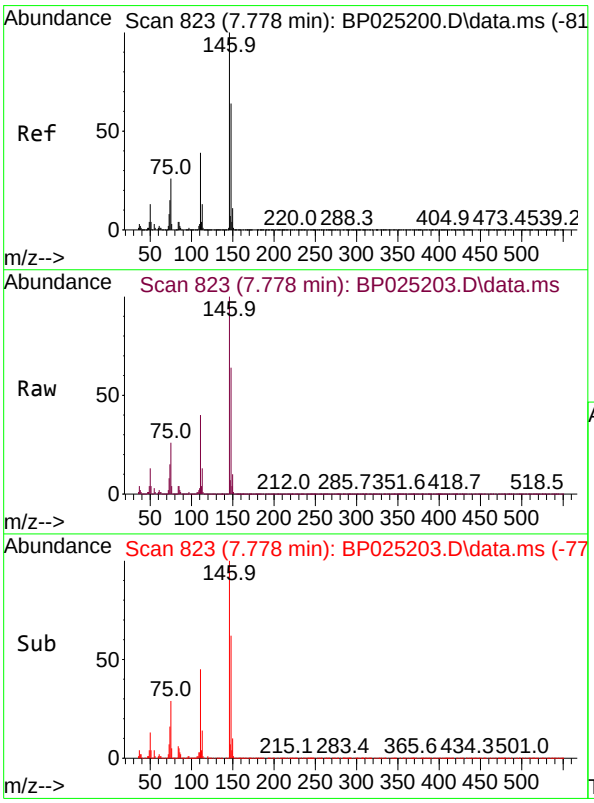
#13
1,4-Dichlorobenzene
Concen: 75.053 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 4246480

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	37.6	29.9	44.9

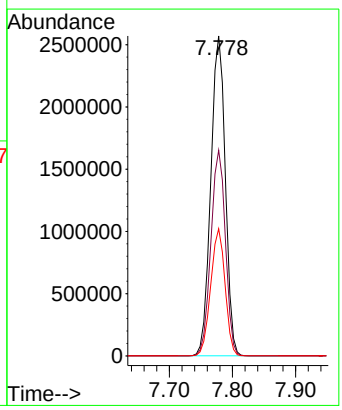


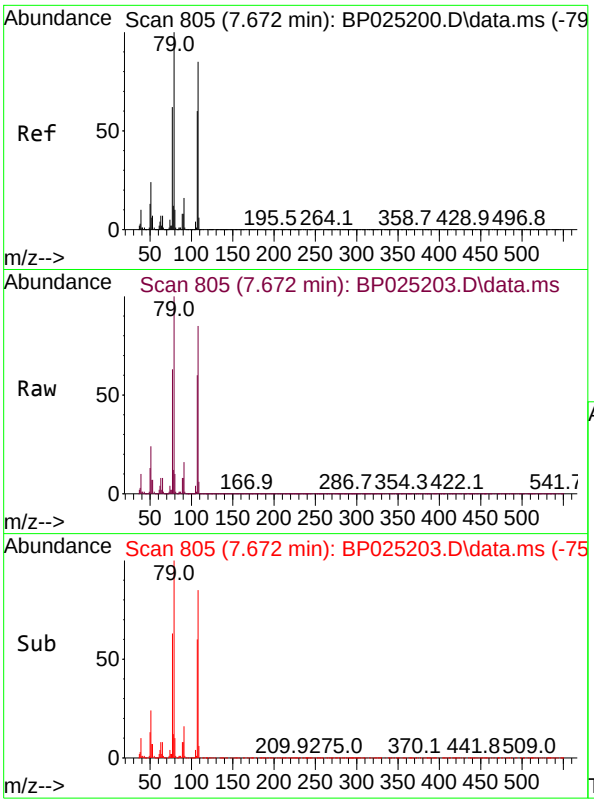


#14
1,2-Dichlorobenzene
Concen: 75.632 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4111863

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.5	77.3
111	39.7	31.3	46.9



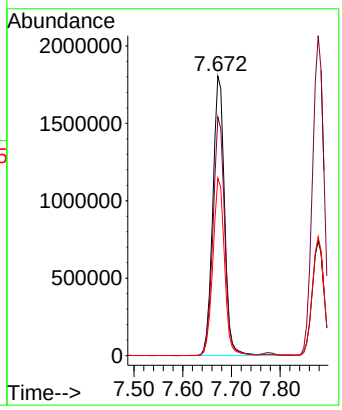


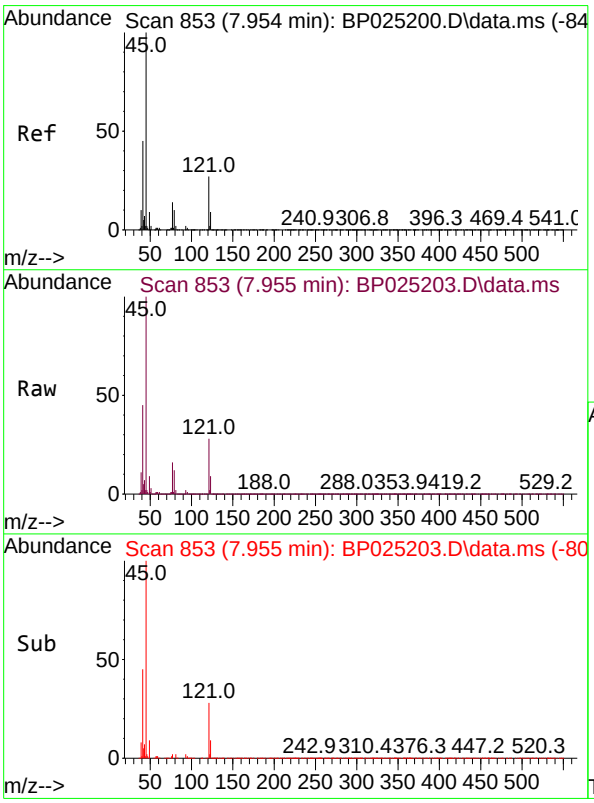
#15
Benzyl Alcohol
Concen: 77.828 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 3024971

Ion	Ratio	Lower	Upper
79	100		
108	85.4	67.8	101.6
77	63.5	49.9	74.9

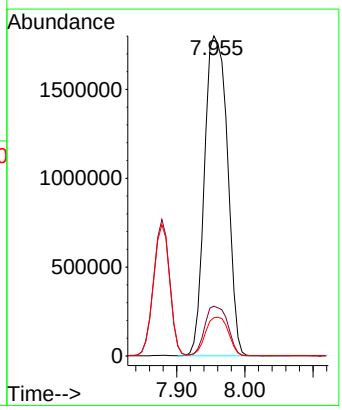


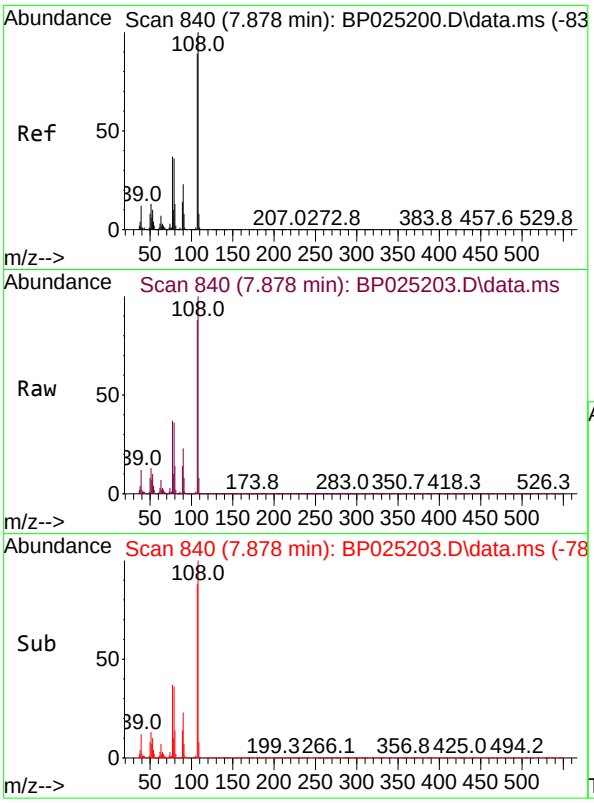


#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.769 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 45 Resp: 4186533

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	36.0
79	11.9	0.0	31.7



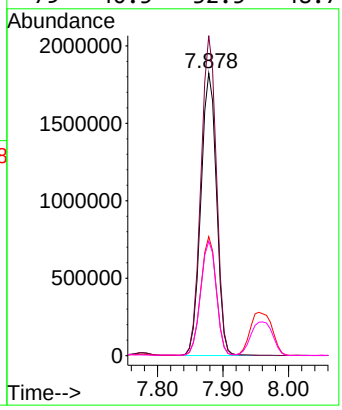


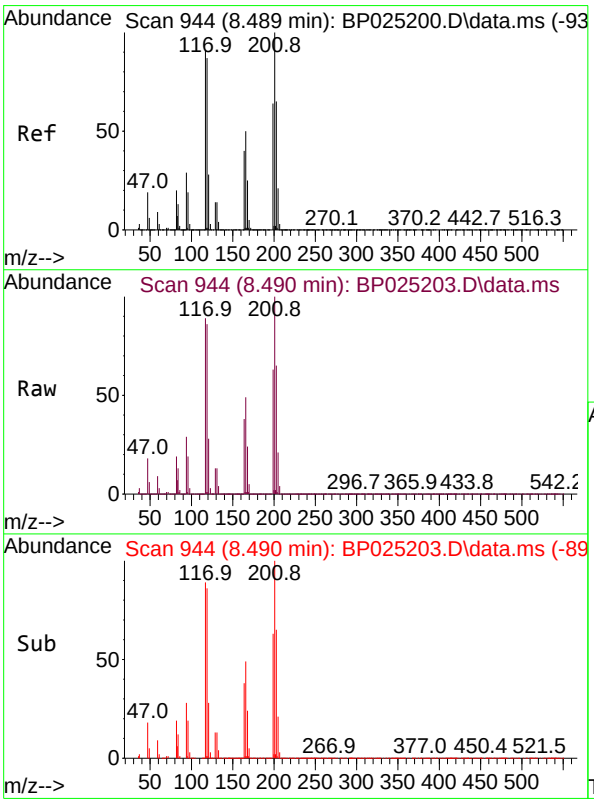
#17
2-Methylphenol
Concen: 77.489 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 3006945

Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.8
77	42.1	33.2	49.8
79	40.5	32.5	48.7

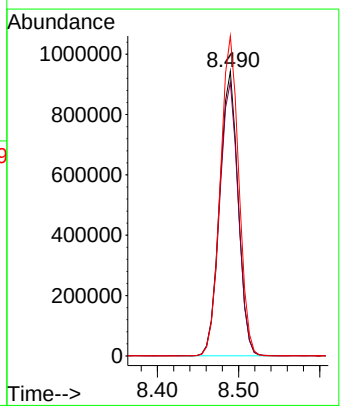


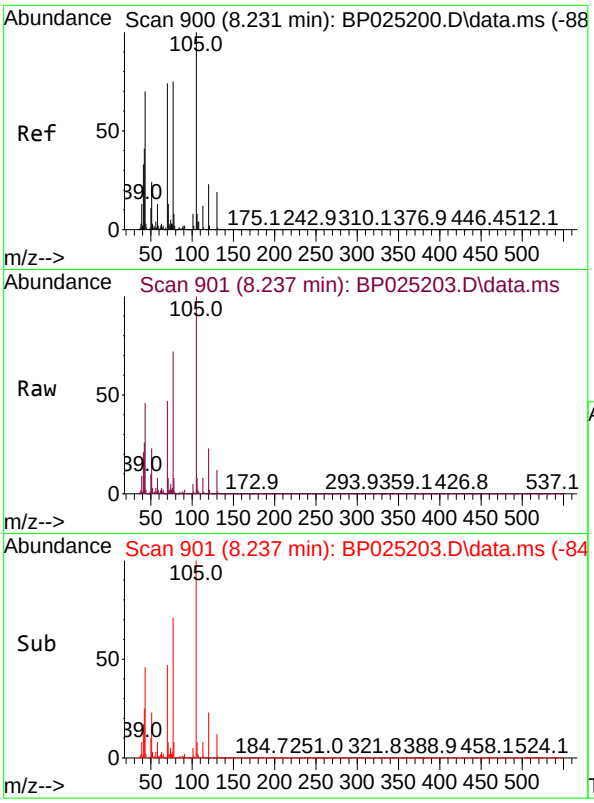


#18
Hexachloroethane
Concen: 77.034 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:117 Resp: 1488292

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
201	112.5	88.3	132.5



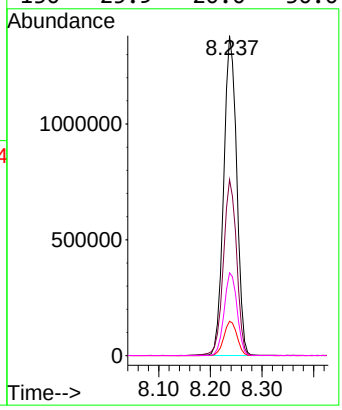


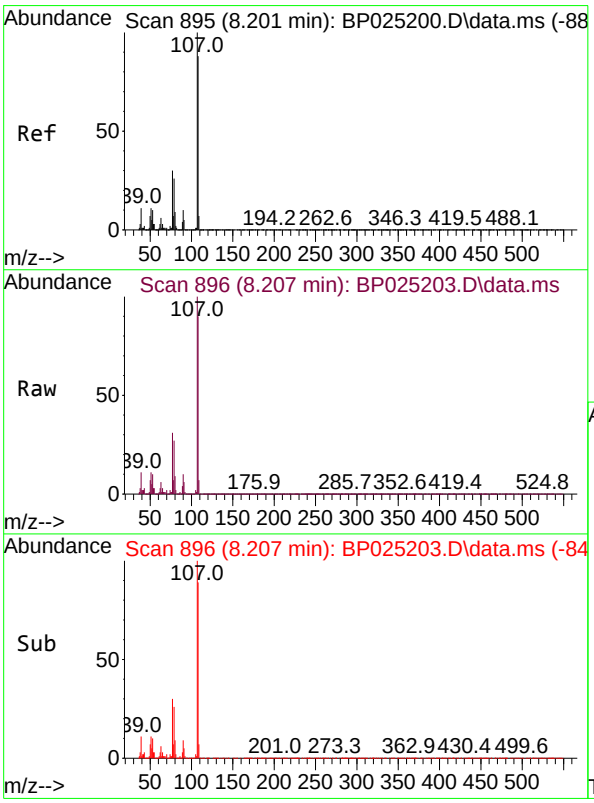
#19
n-Nitroso-di-n-propylamine
Concen: 74.535 ng
RT: 8.237 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 2435834

Ion	Ratio	Lower	Upper
70	100		
42	55.0	44.2	66.2
101	10.7	8.6	12.8
130	25.9	20.0	30.0

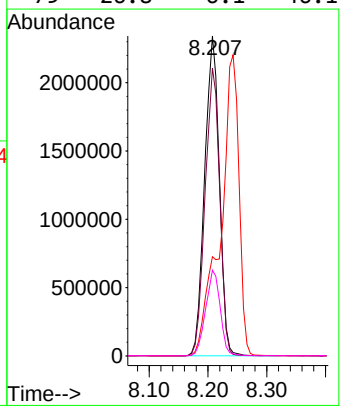


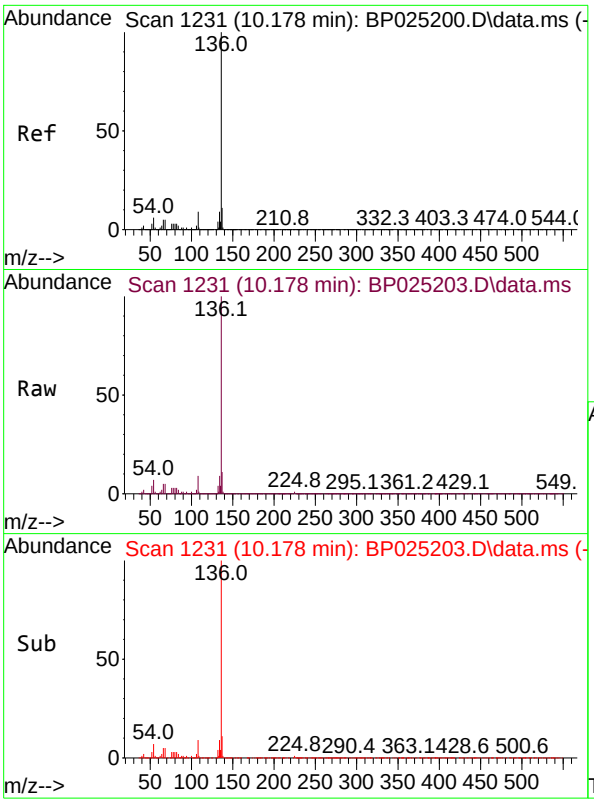


#20
3+4-Methylphenols
Concen: 76.765 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 4068704

Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.8	107.8
77	31.0	10.3	50.3
79	26.8	6.1	46.1



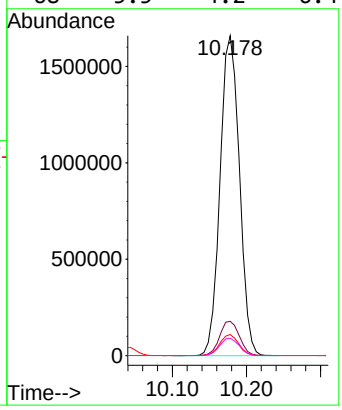


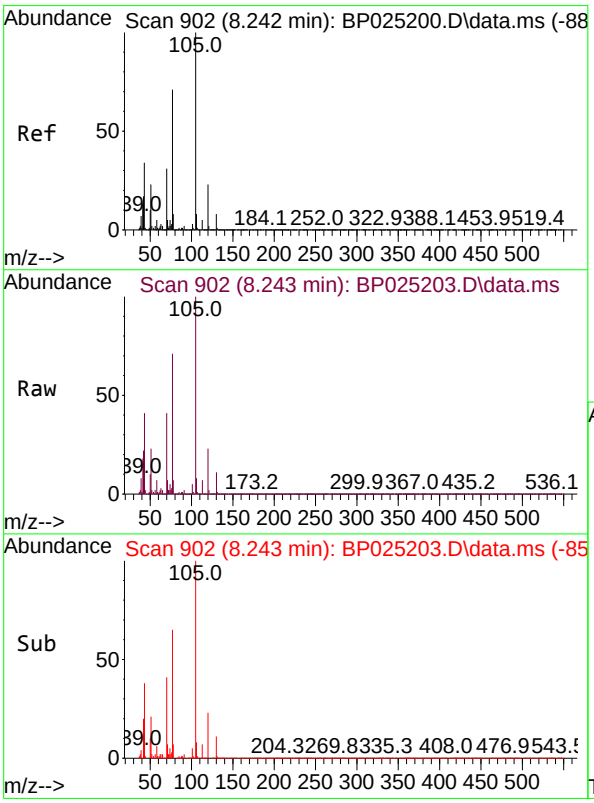
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 3008435

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.1	7.7
68	5.5	4.2	6.4

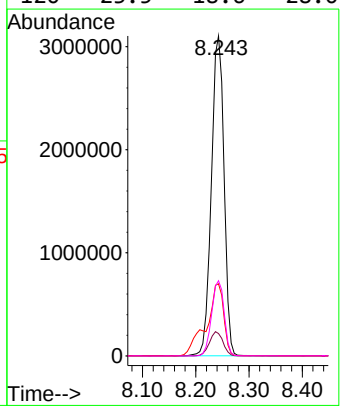


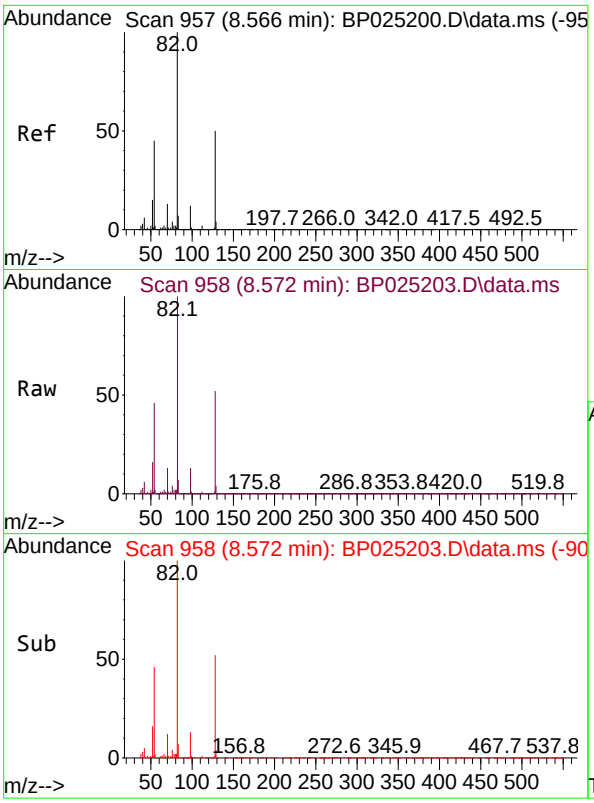


#22
Acetophenone
Concen: 72.049 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:105 Resp: 5133884

Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.1	6.1#
51	22.5	18.5	27.7
120	23.5	18.6	28.0



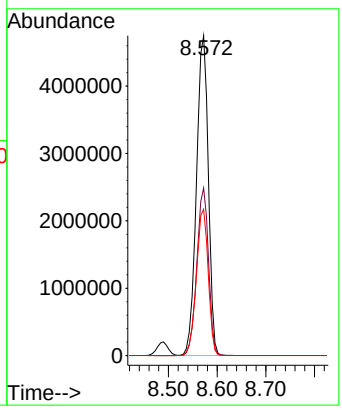


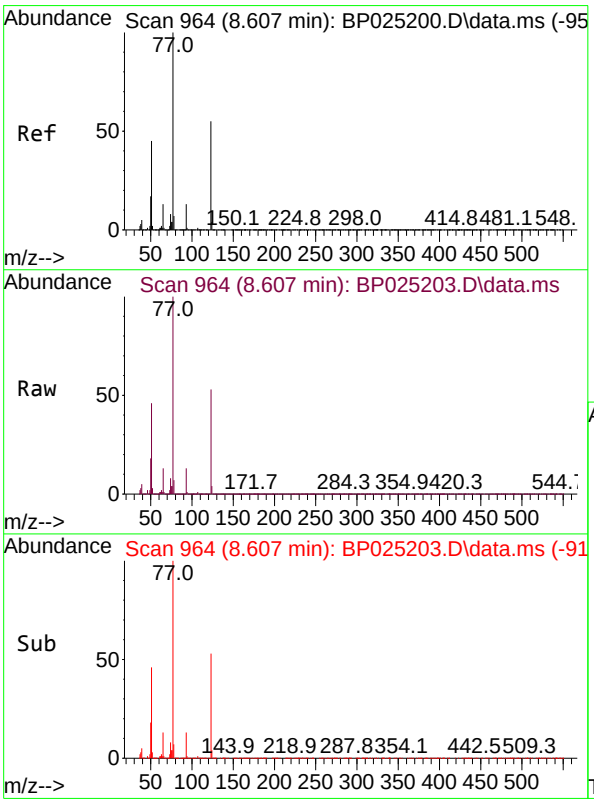
#23
Nitrobenzene-d5
Concen: 145.785 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 7999353

Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.2	60.4
54	45.7	36.3	54.5

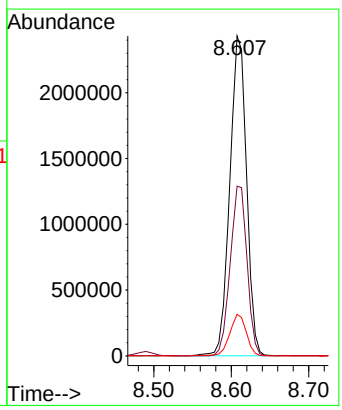


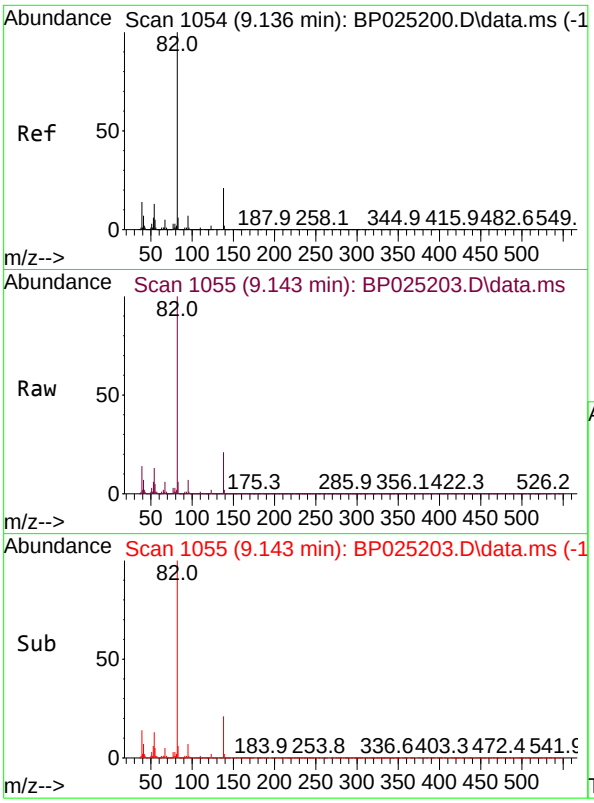


#24
Nitrobenzene
Concen: 75.229 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 3658209

Ion	Ratio	Lower	Upper
77	100		
123	53.0	43.6	65.4
65	13.0	10.2	15.2



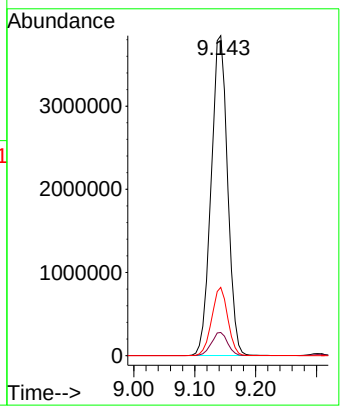


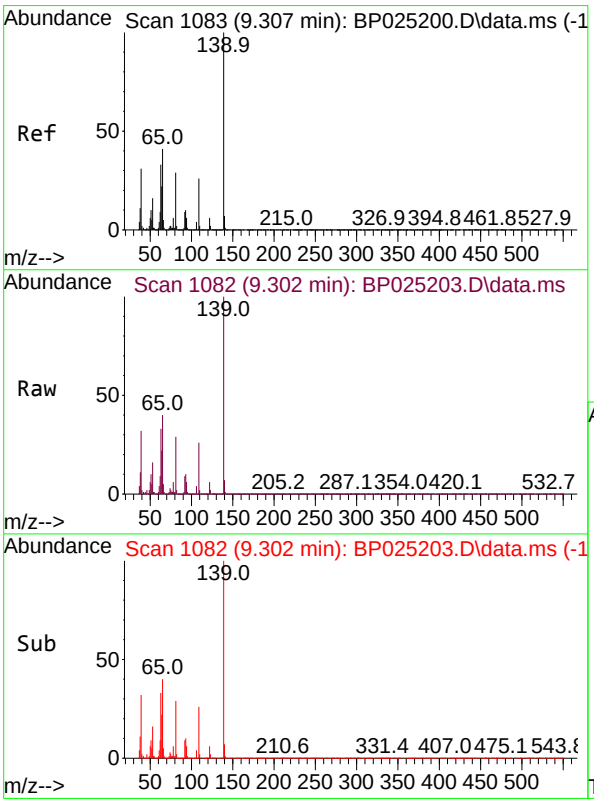
#25
Isophorone
Concen: 75.163 ng
RT: 9.143 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 7223163

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	21.3	16.6	25.0

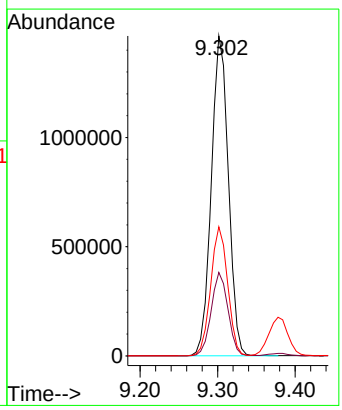


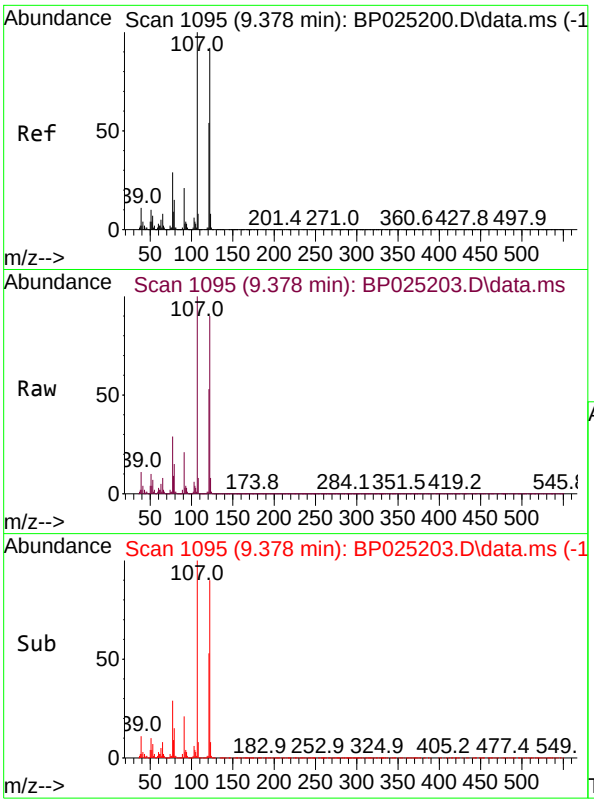


#26
2-Nitrophenol
Concen: 81.871 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2240908

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.0	31.6
65	40.3	32.7	49.1



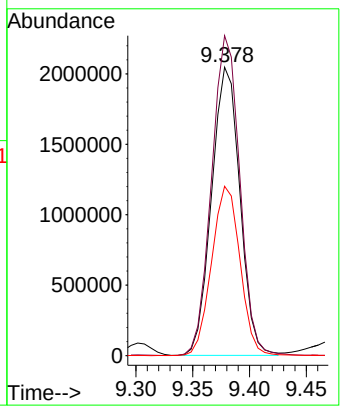


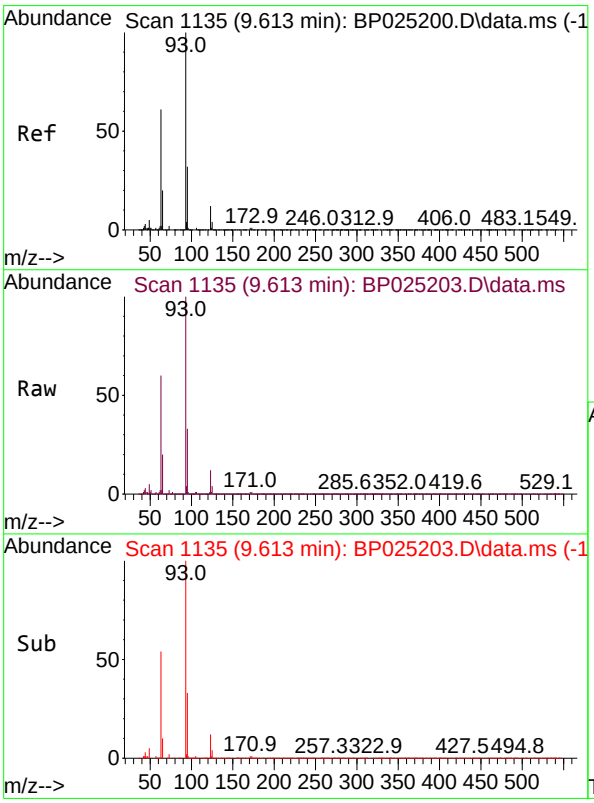
#27
2,4-Dimethylphenol
Concen: 76.211 ng
RT: 9.378 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 3551153

Ion	Ratio	Lower	Upper
122	100		
107	111.0	87.0	130.4
121	58.7	46.7	70.1

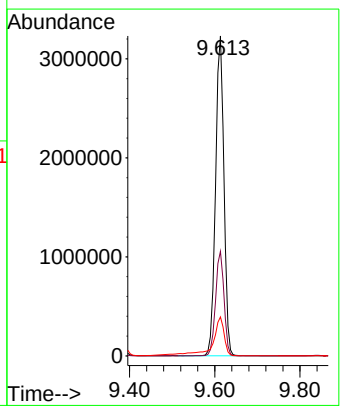


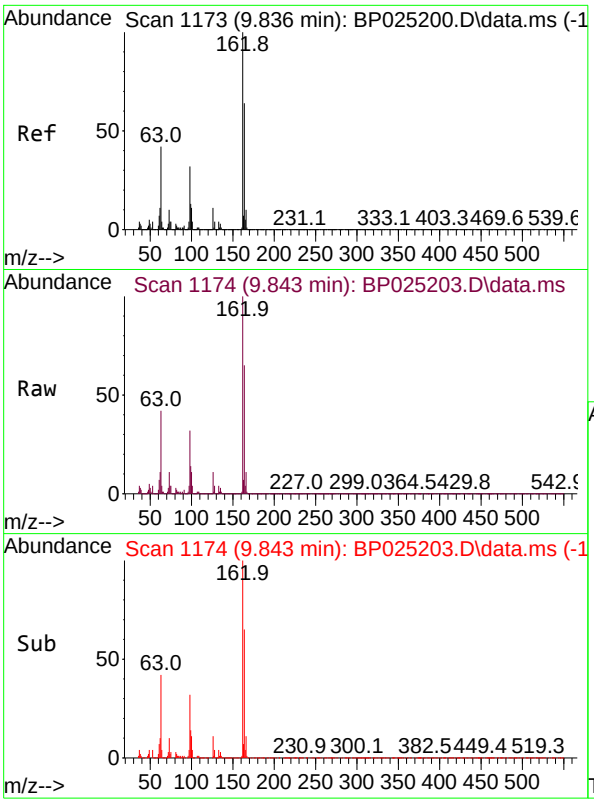


#28
bis(2-Chloroethoxy)methane
Concen: 73.133 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 4412252

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.2	9.8	14.6



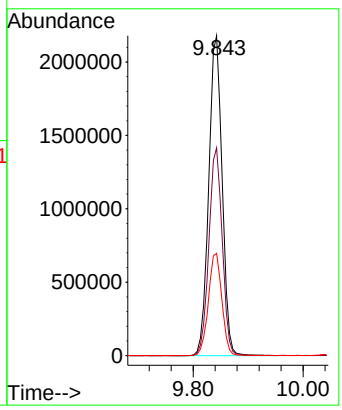


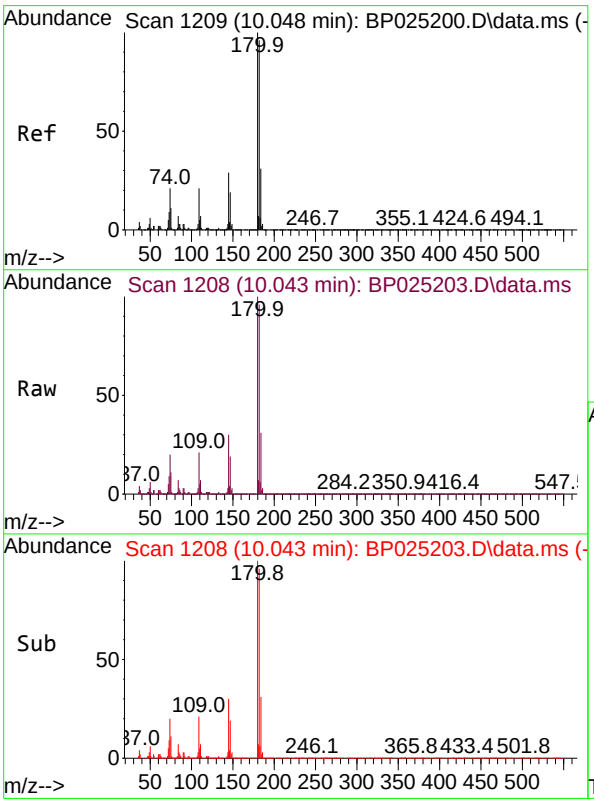
#29
2,4-Dichlorophenol
Concen: 77.123 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 3685883

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	32.0	11.7	51.7

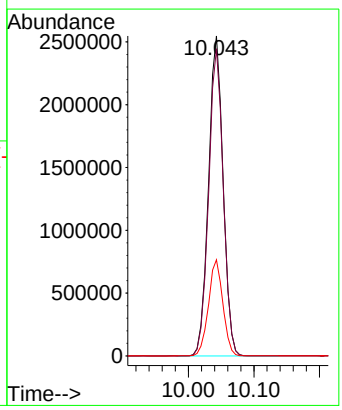


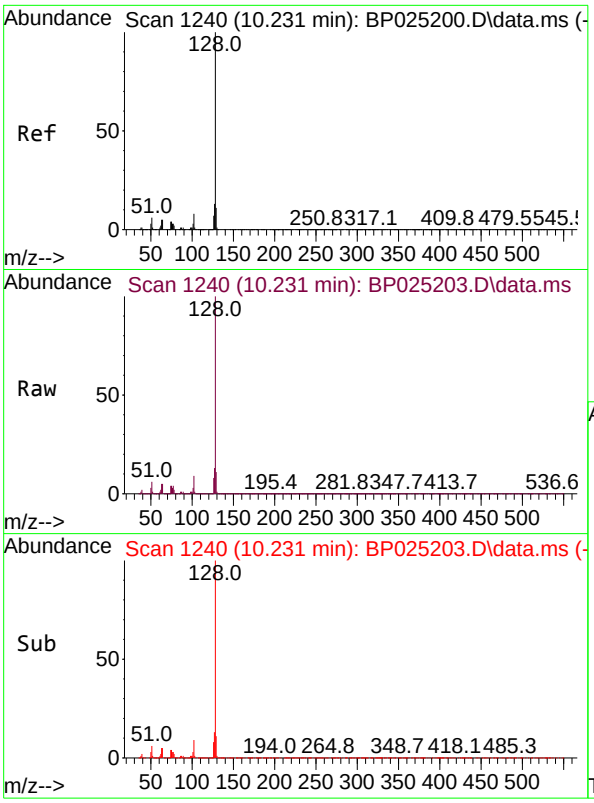


#30
1,2,4-Trichlorobenzene
Concen: 74.689 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:180 Resp: 3927729

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	30.0	23.5	35.3



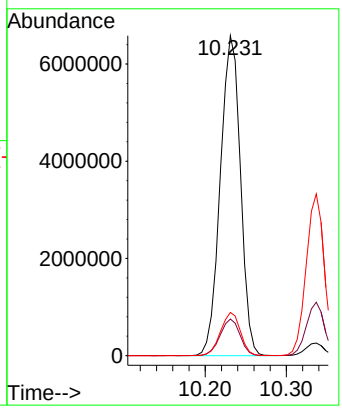


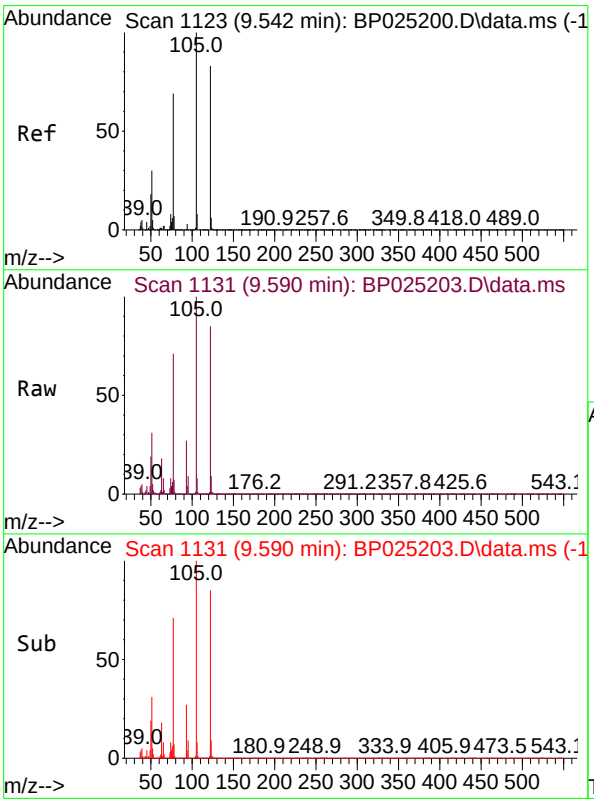
#31
Naphthalene
Concen: 72.252 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp:11319955

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.4	15.6

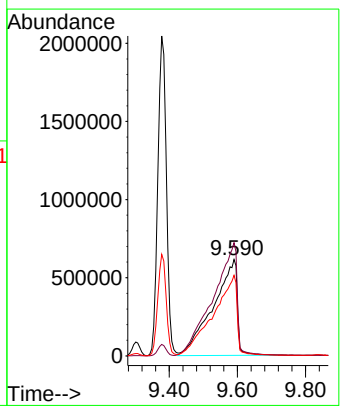


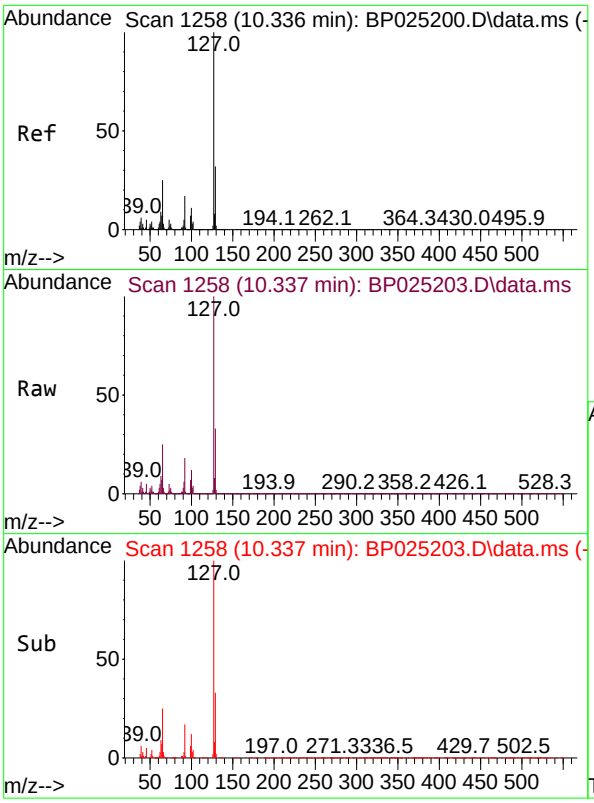


#32
Benzoic acid
Concen: 88.203 ng
RT: 9.590 min Scan# 1131
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:122 Resp: 3001596

Ion	Ratio	Lower	Upper
122	100		
105	117.3	98.1	138.1
77	83.5	62.7	102.7



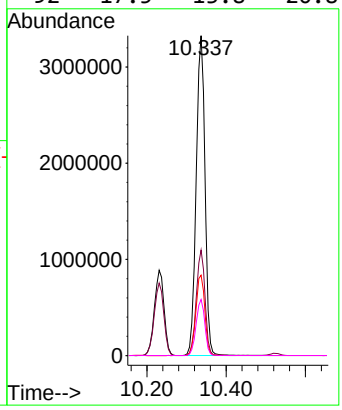


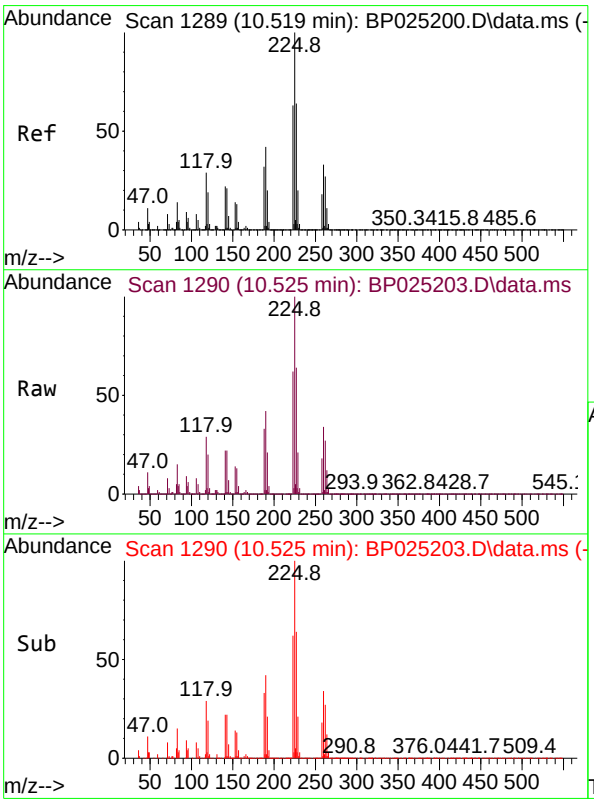
#33
4-Chloroaniline
Concen: 75.351 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 5125849

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	25.1	20.2	30.4
92	17.5	13.8	20.8

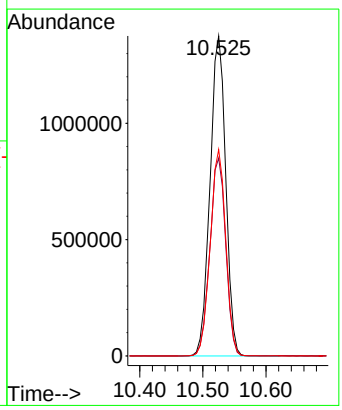


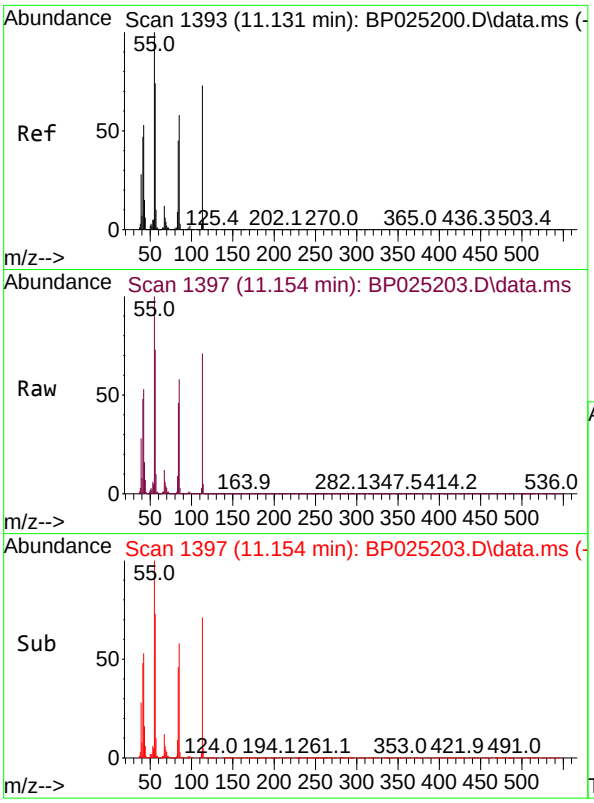


#34
Hexachlorobutadiene
Concen: 75.041 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:225 Resp: 2369882

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	64.5	51.4	77.0



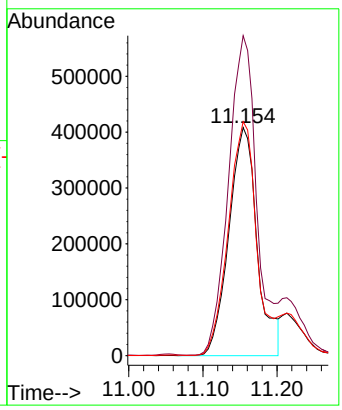


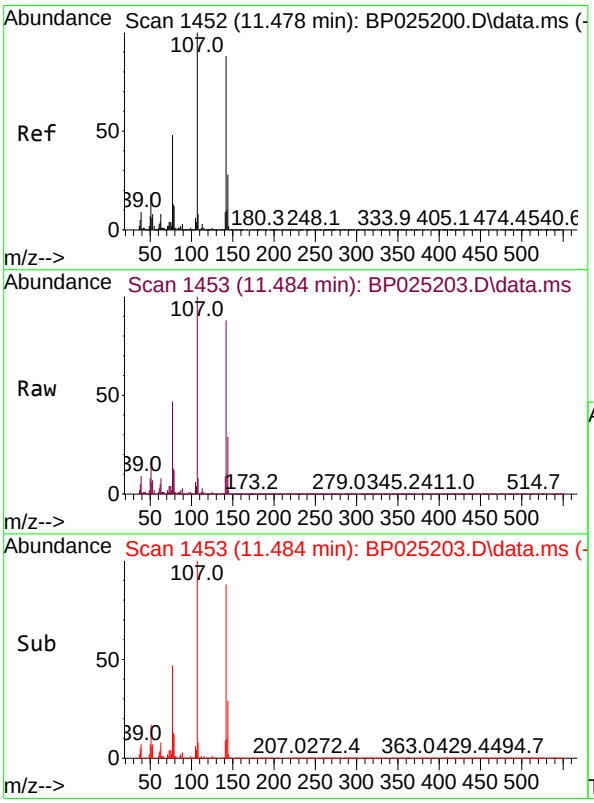
#35
Caprolactam
Concen: 68.740 ng
RT: 11.154 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 1081158

Ion	Ratio	Lower	Upper
113	100		
55	140.3	117.6	157.6
56	102.6	82.4	122.4

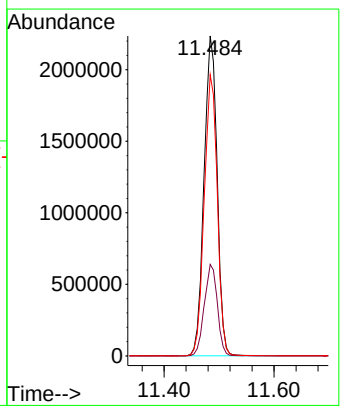


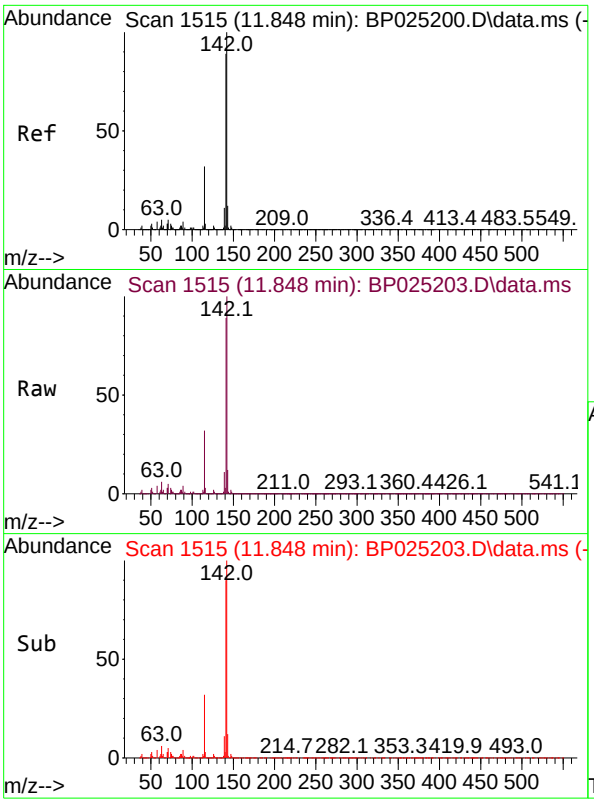


#36
4-Chloro-3-methylphenol
Concen: 77.068 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 3678461

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	87.9	70.6	105.8



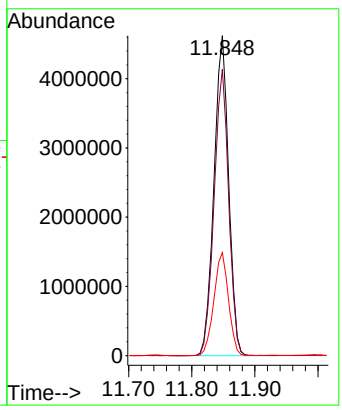


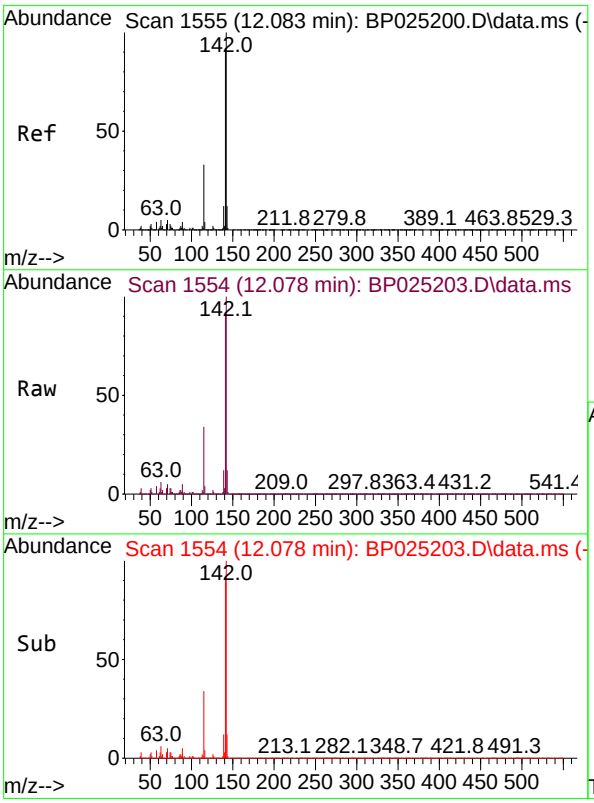
#37
2-Methylnaphthalene
Concen: 73.577 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 7455840

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.2	106.8
115	32.2	25.3	37.9

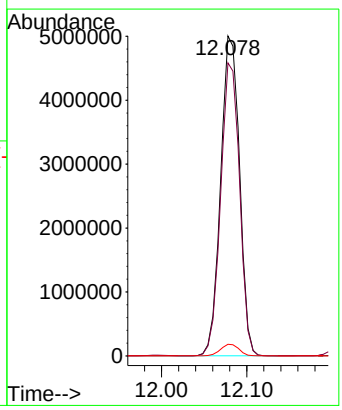


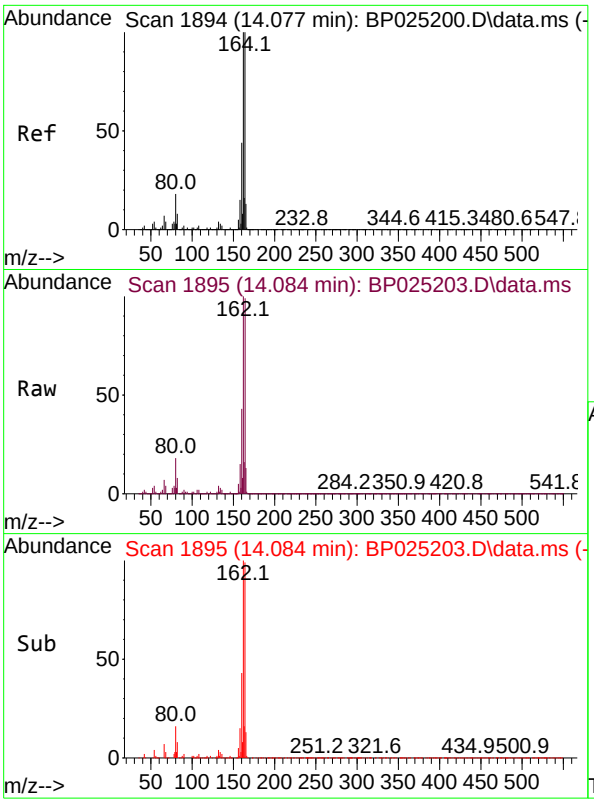


#38
1-Methylnaphthalene
Concen: 71.955 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:142 Resp: 7690366

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.6	2.8	4.2



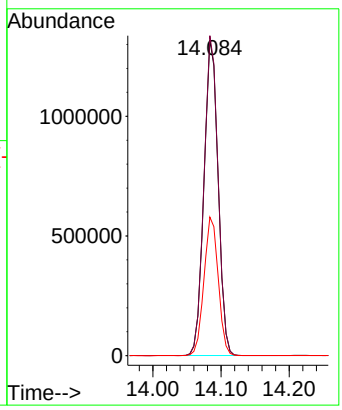


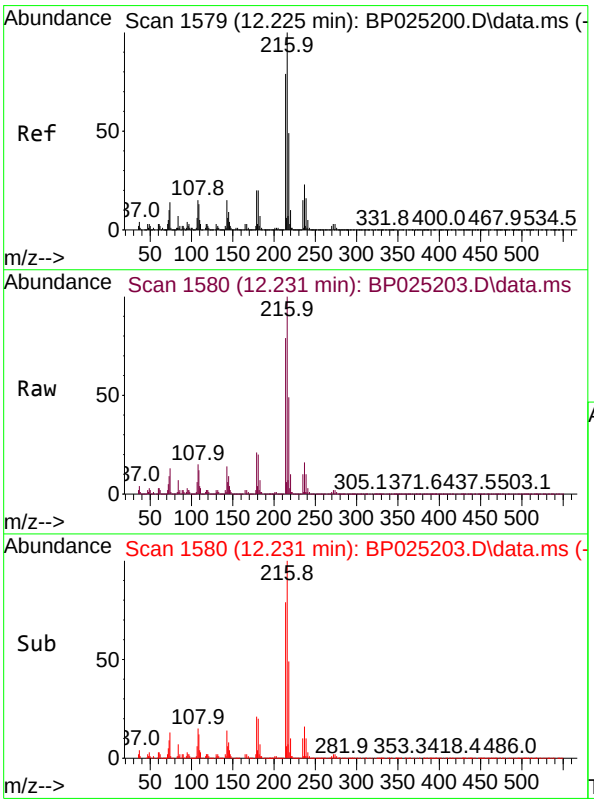
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 1899722

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	43.9	35.7	53.5

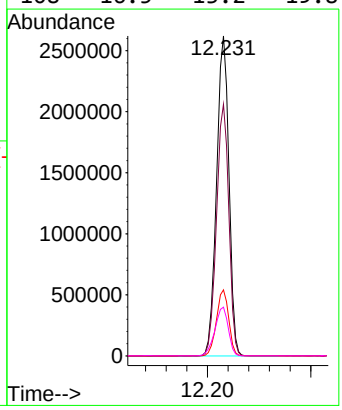


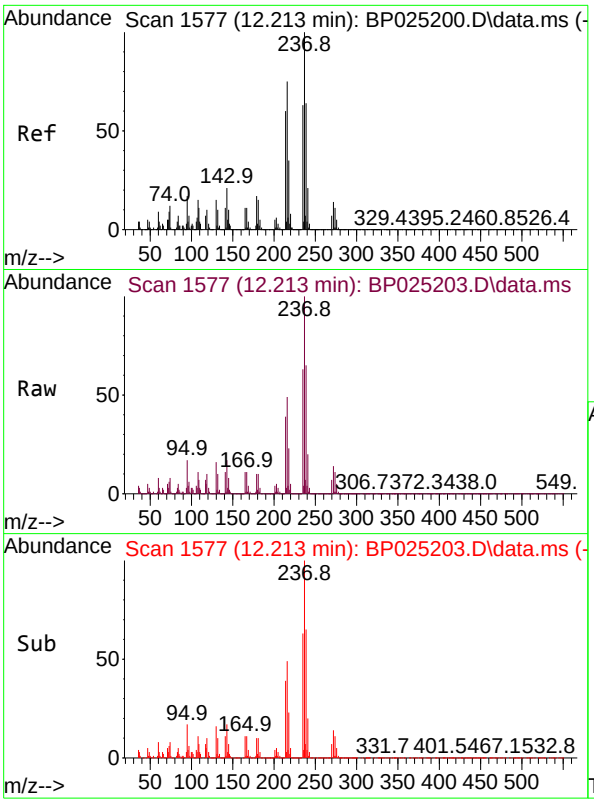


#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.446 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:216 Resp: 4340312

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.7	94.1
179	20.5	16.2	24.4
108	16.5	13.2	19.8



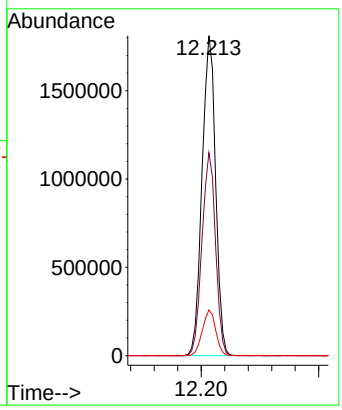


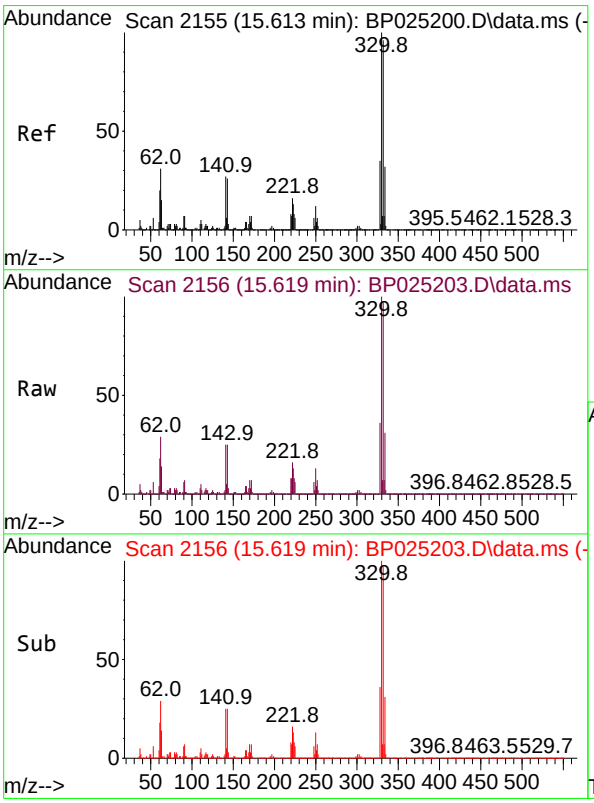
#41
Hexachlorocyclopentadiene
Concen: 88.768 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 2895907

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.7	82.7
272	14.2	0.0	33.6

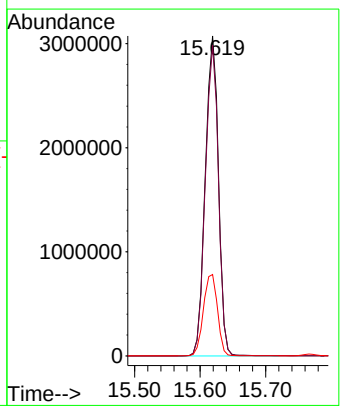


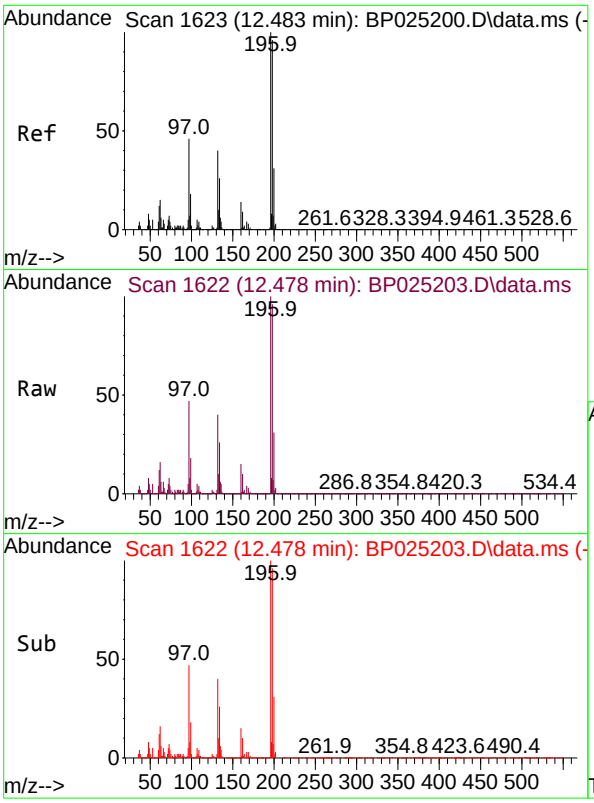


#42
2,4,6-Tribromophenol
Concen: 151.370 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:330 Resp: 4276015

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	27.1	22.4	33.6



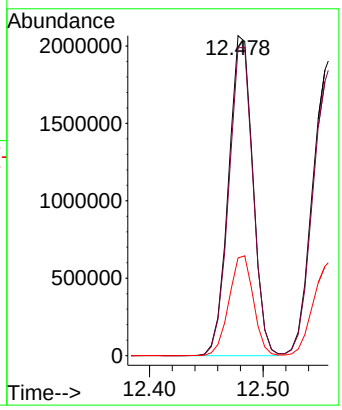


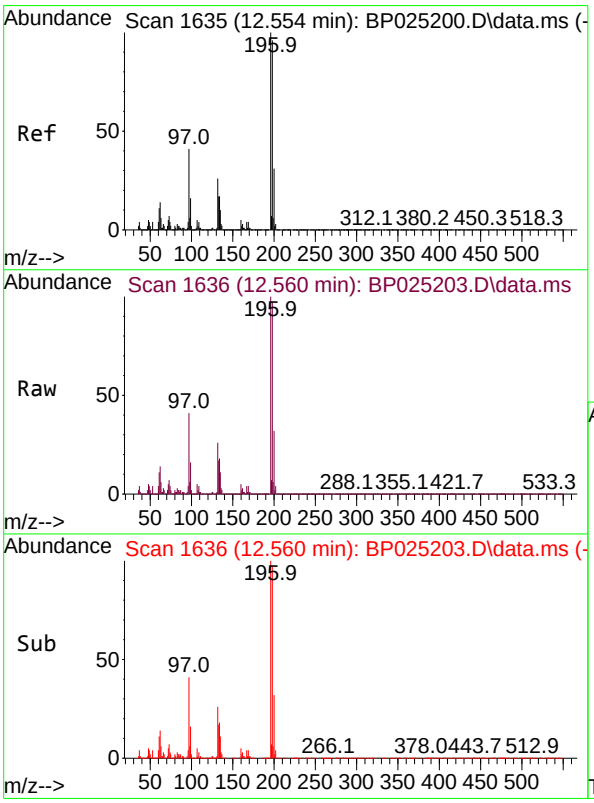
#43
2,4,6-Trichlorophenol
Concen: 79.138 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 3076273

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	114.8
200	30.5	24.7	37.1

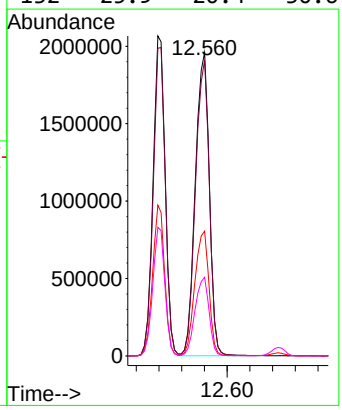


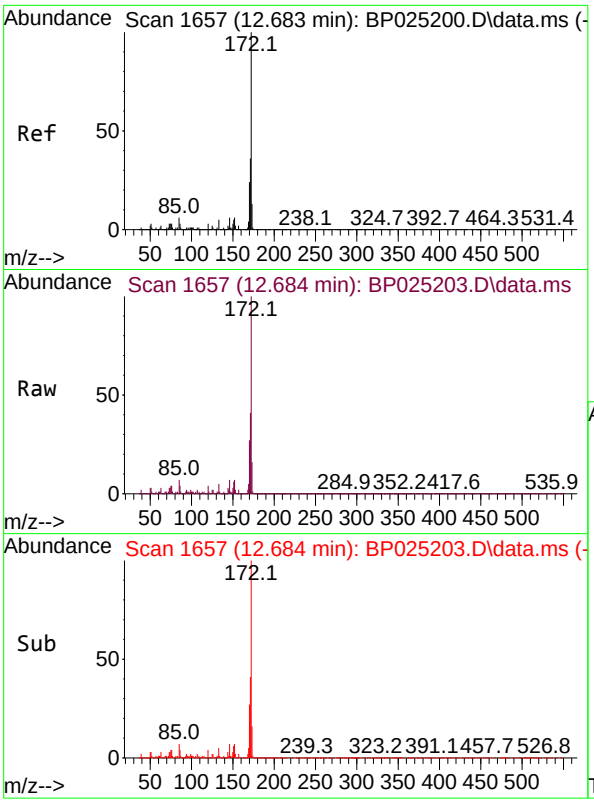


#44
2,4,5-Trichlorophenol
Concen: 78.125 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:196 Resp: 3347418

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.7	115.1
97	41.1	33.0	49.4
132	25.9	20.4	30.6



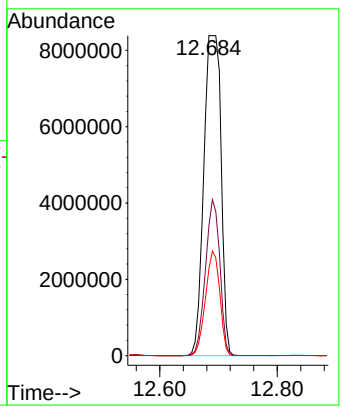


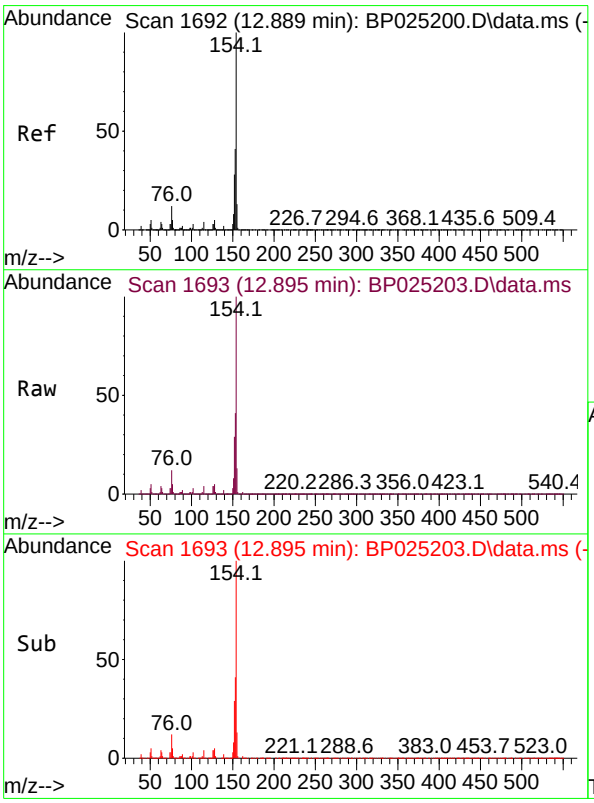
#45
2-Fluorobiphenyl
Concen: 119.181 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp:17101882

Ion	Ratio	Lower	Upper
172	100		
171	40.6	28.8	43.2
170	27.1	19.2	28.8

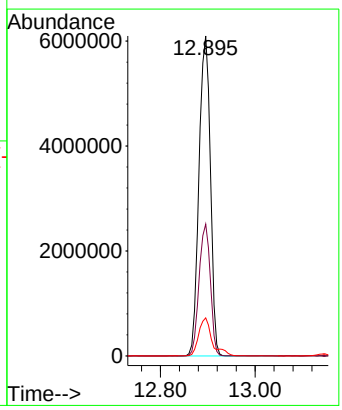


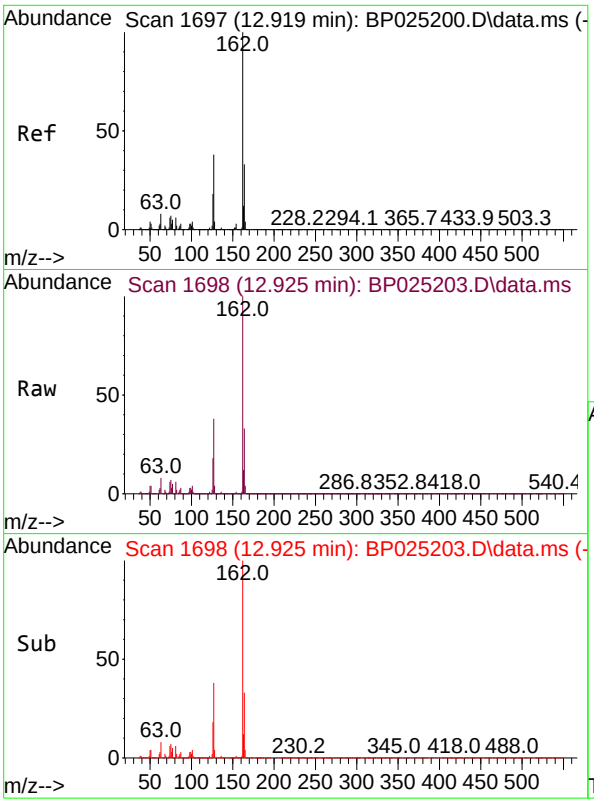


#46
1,1'-Biphenyl
Concen: 72.288 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp:10154378

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	11.9	0.0	31.6



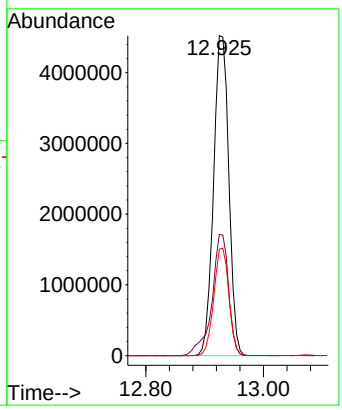


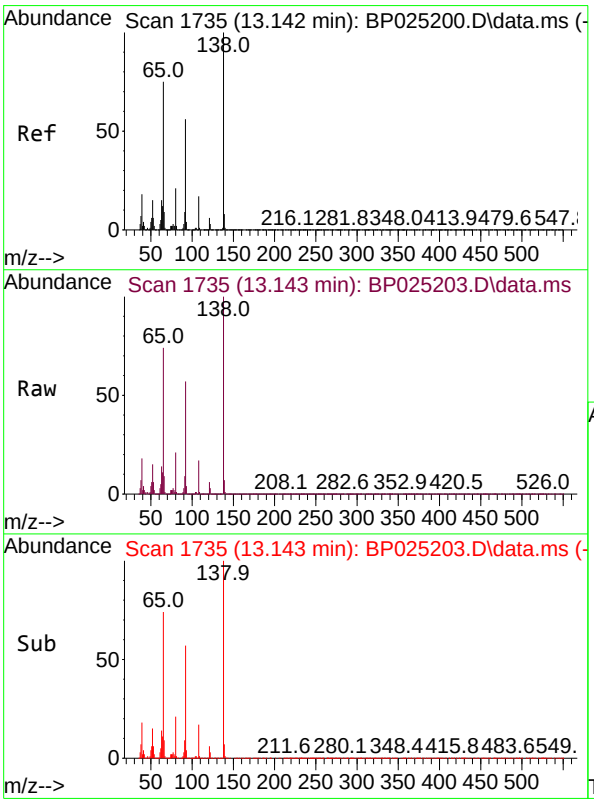
#47
2-Chloronaphthalene
Concen: 74.828 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 8143502

Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.1	45.1
164	33.3	26.5	39.7

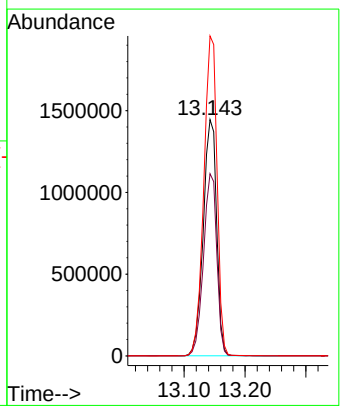


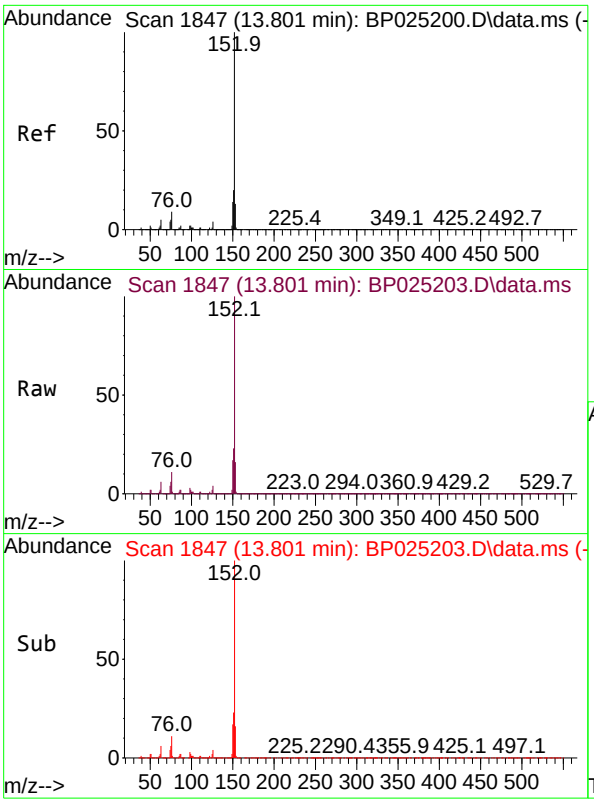


#48
2-Nitroaniline
Concen: 80.707 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 65 Resp: 2203215

Ion	Ratio	Lower	Upper
65	100		
92	77.1	59.9	89.9
138	135.5	107.1	160.7



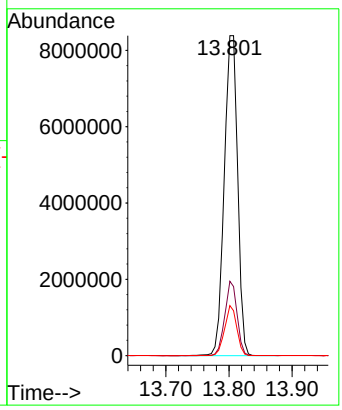


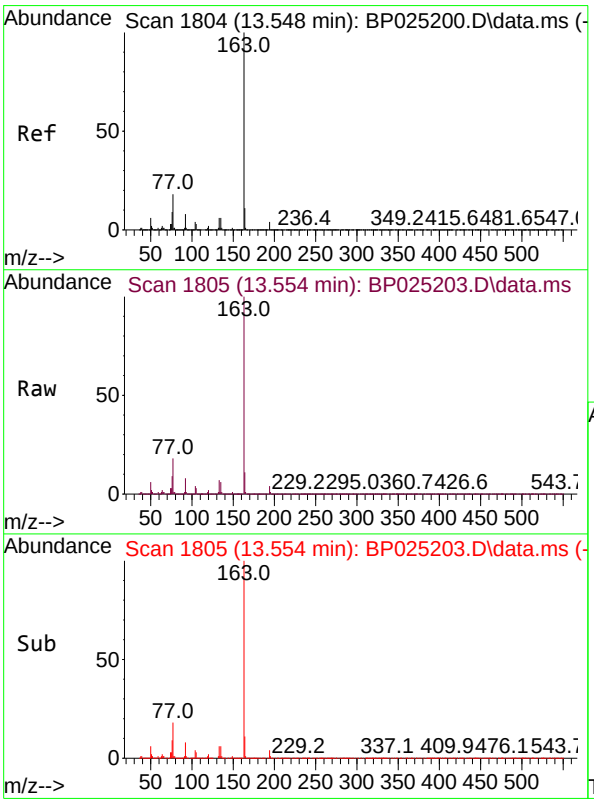
#49
Acenaphthylene
Concen: 68.982 ng
RT: 13.801 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp:12310461

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.2	24.2
153	15.6	10.6	15.8

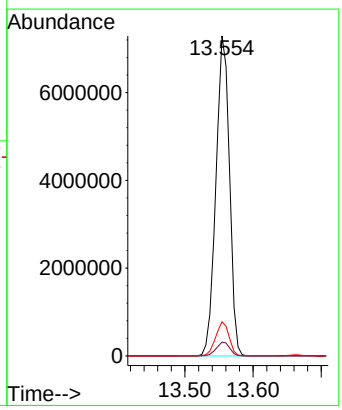


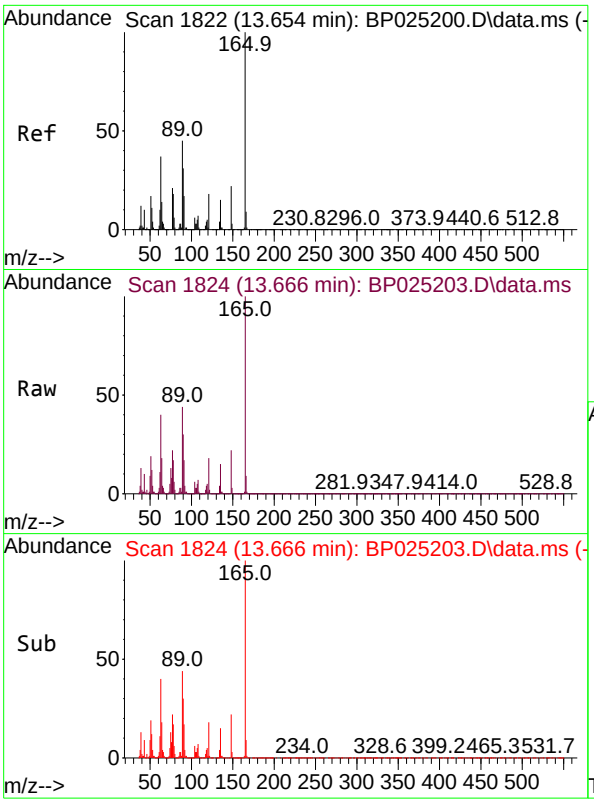


#50
Dimethylphthalate
Concen: 72.091 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:163 Resp: 9992464

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.7	8.5	12.7



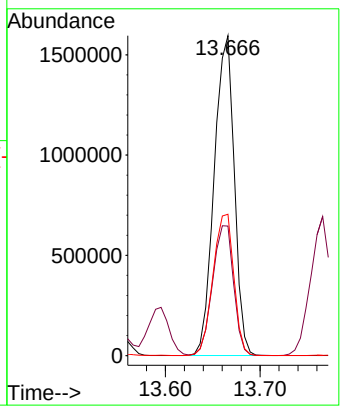


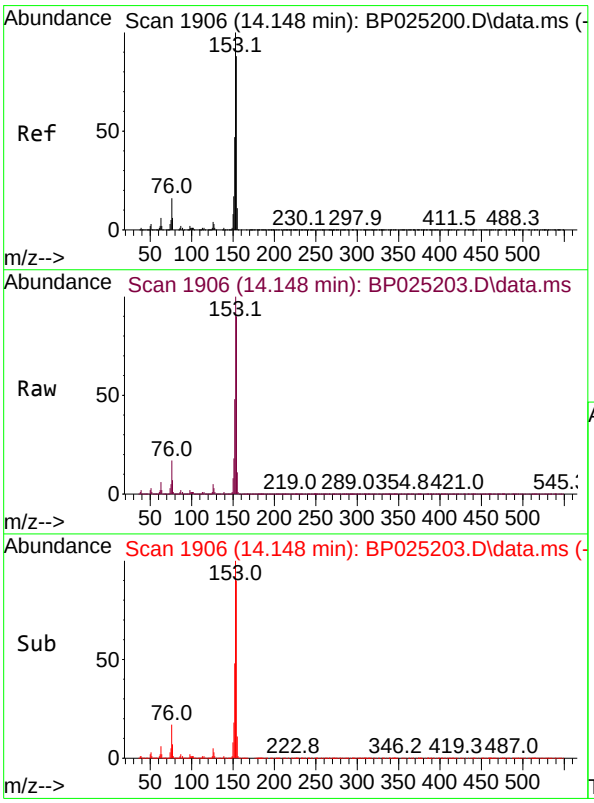
#51
2,6-Dinitrotoluene
Concen: 80.161 ng
RT: 13.666 min Scan# 18
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 2352035

Ion	Ratio	Lower	Upper
165	100		
63	40.5	33.4	50.2
89	44.2	36.3	54.5

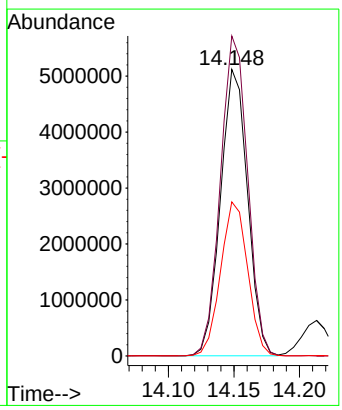


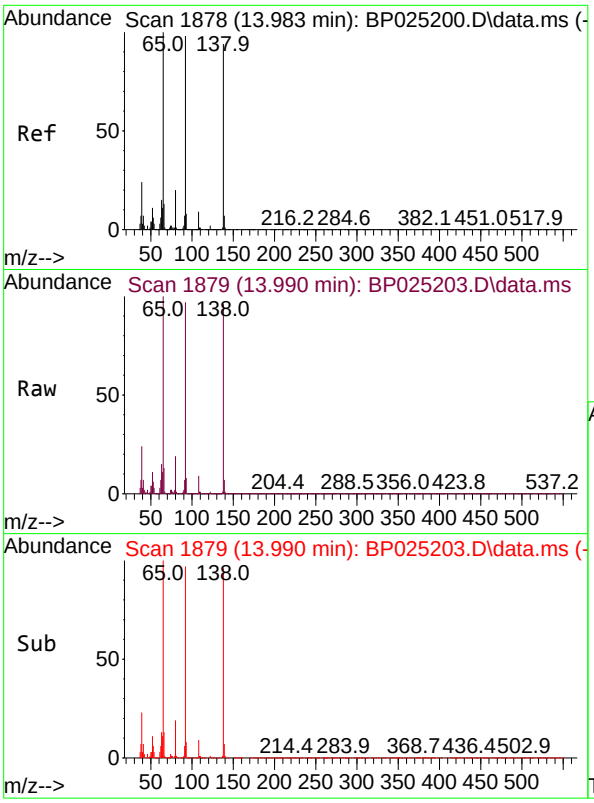


#52
Acenaphthene
Concen: 71.522 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp: 7352873

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.7	136.1
152	53.8	42.9	64.3



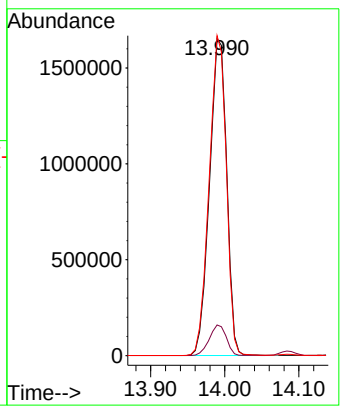


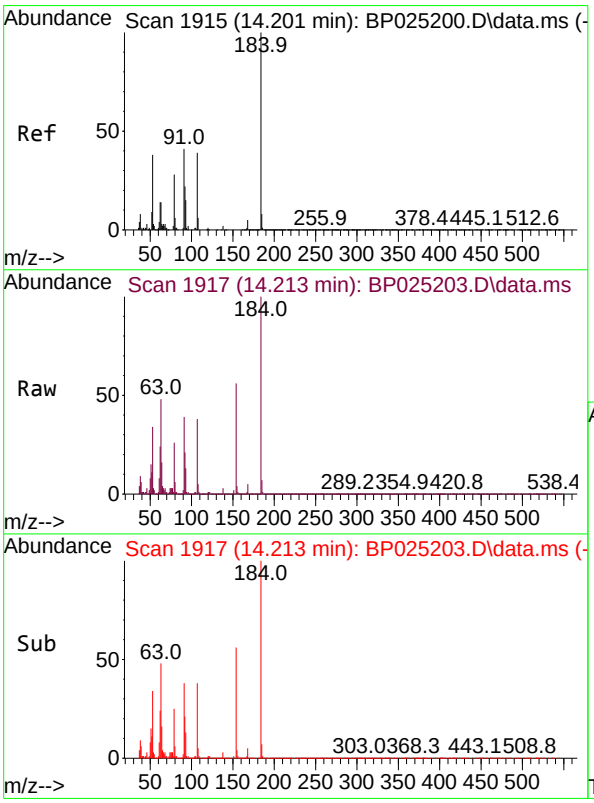
#53
3-Nitroaniline
Concen: 80.451 ng
RT: 13.990 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 2663404

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.5	11.3
92	100.9	83.2	124.8

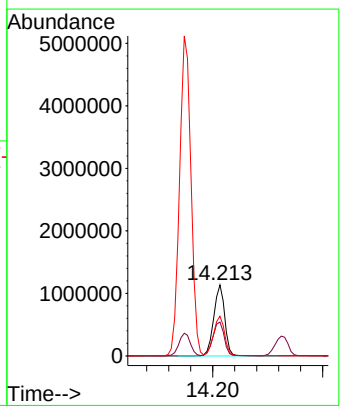


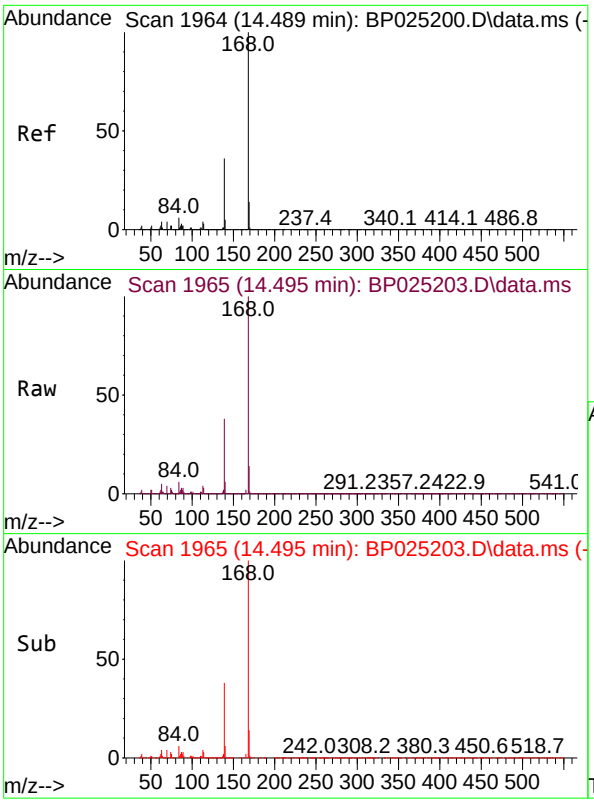


#54
2,4-Dinitrophenol
Concen: 94.925 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:184 Resp: 1560749

Ion	Ratio	Lower	Upper
184	100		
63	47.7	41.8	62.8
154	55.7	45.7	68.5



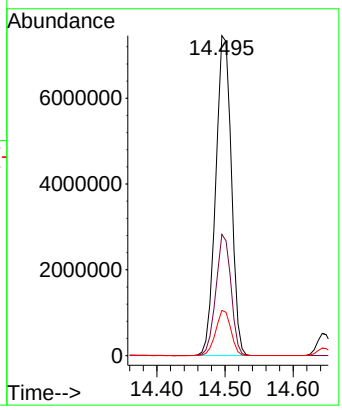


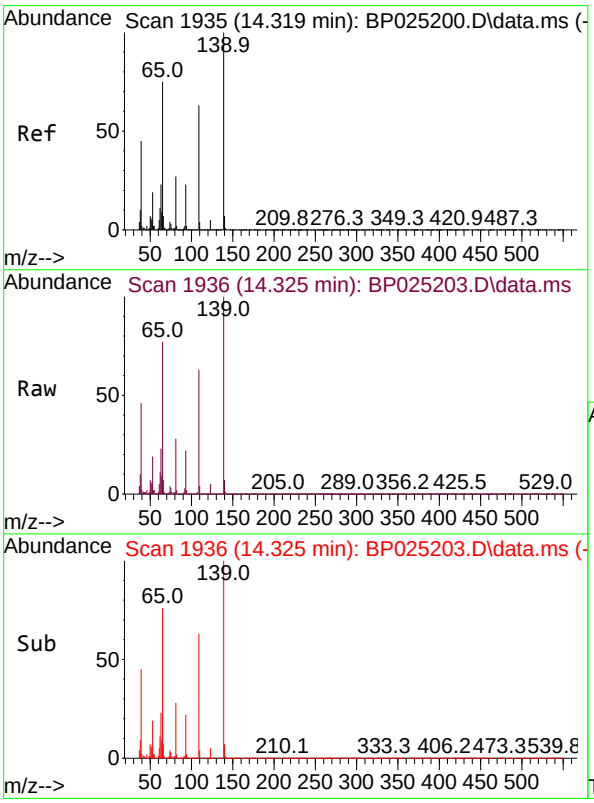
#55
Dibenzofuran
Concen: 70.782 ng
RT: 14.495 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp:11781763

Ion	Ratio	Lower	Upper
168	100		
139	37.9	28.7	43.1
169	14.1	10.9	16.3

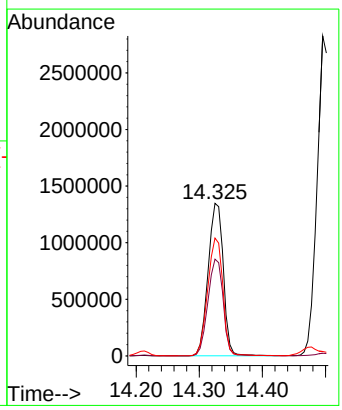


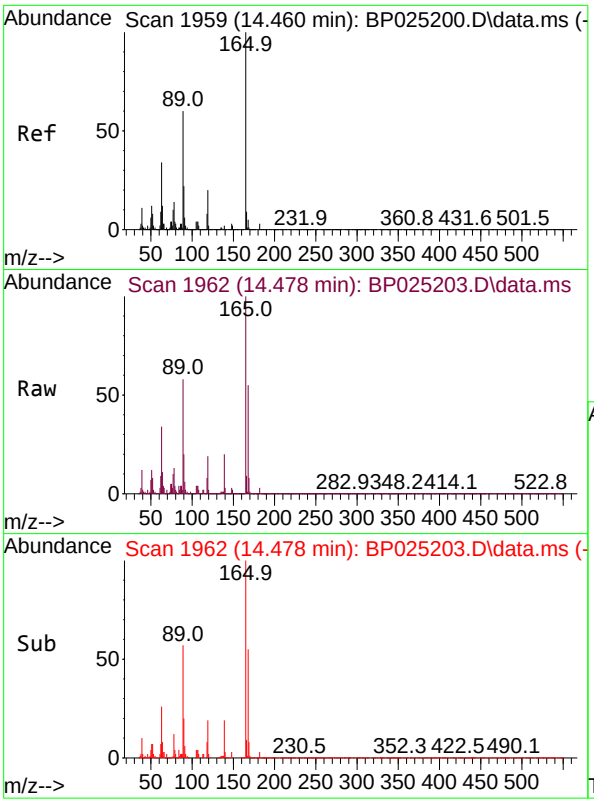


#56
4-Nitrophenol
Concen: 80.237 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2263623

Ion	Ratio	Lower	Upper
139	100		
109	63.3	42.6	82.6
65	77.3	55.4	95.4



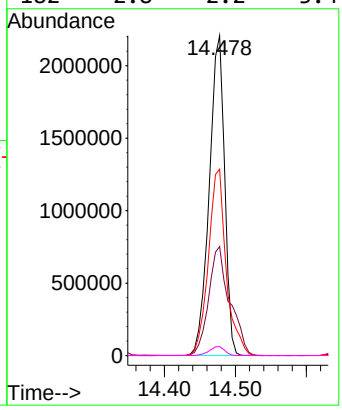


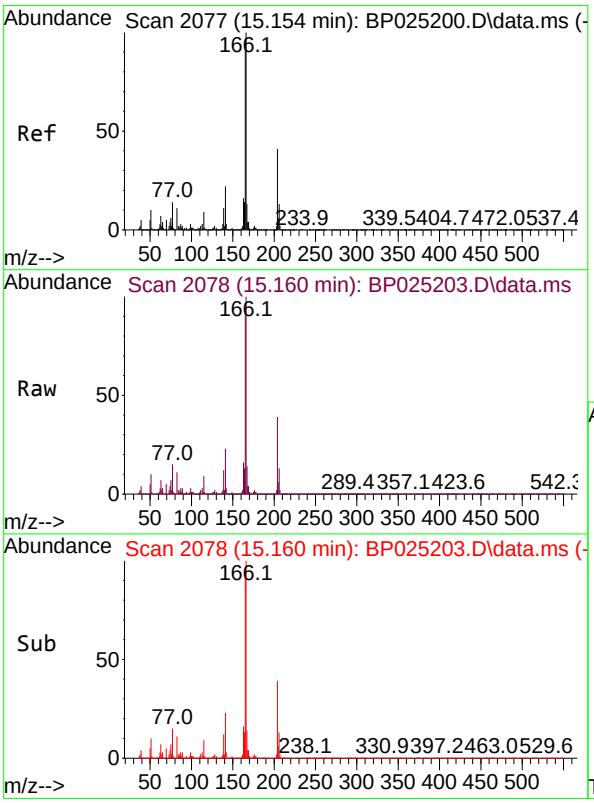
#57
2,4-Dinitrotoluene
Concen: 81.257 ng
RT: 14.478 min Scan# 19
Delta R.T. 0.018 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 3321462

Ion	Ratio	Lower	Upper
165	100		
63	34.1	27.0	40.4
89	58.3	47.8	71.6
182	2.8	2.2	3.4

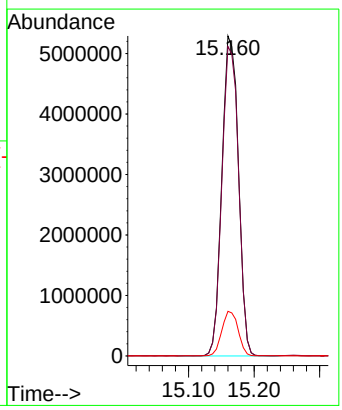


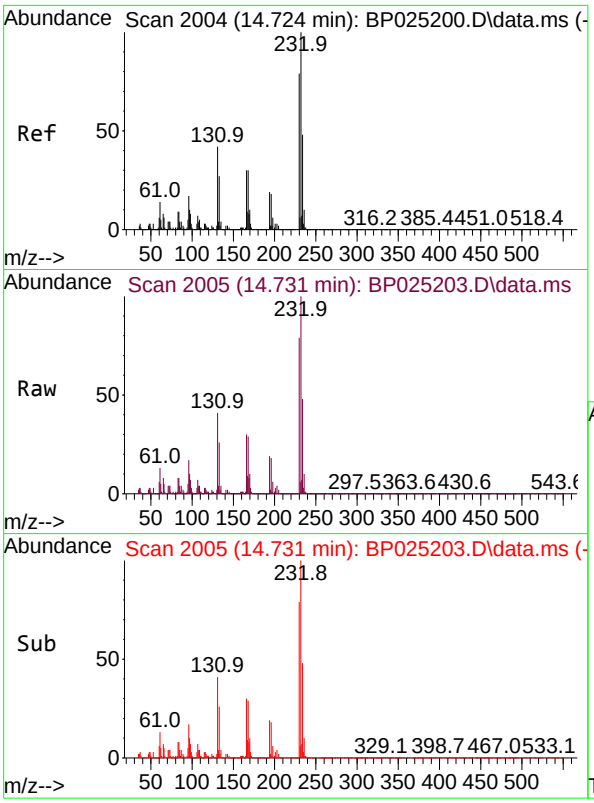


#58
Fluorene
Concen: 69.887 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:166 Resp: 9278378

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.0	117.0
167	13.9	10.7	16.1



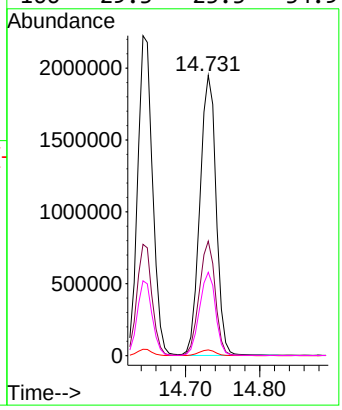


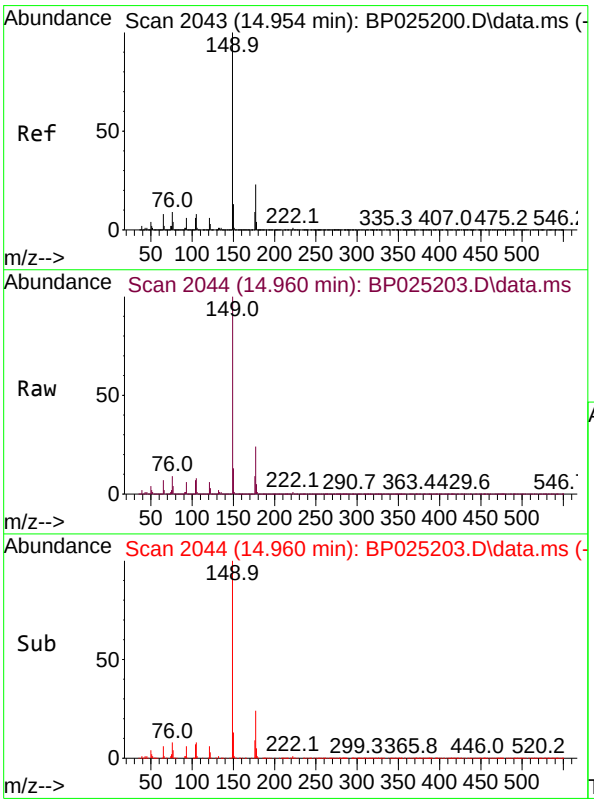
#59
2,3,4,6-Tetrachlorophenol
Concen: 78.074 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 2961338

Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.6	48.8
130	2.1	1.6	2.4
166	29.3	23.3	34.9

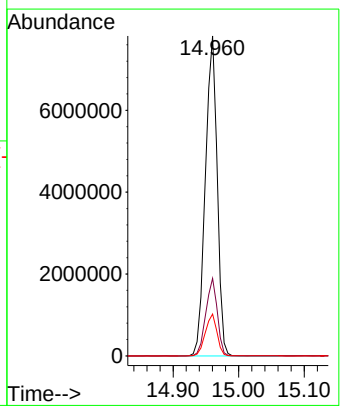


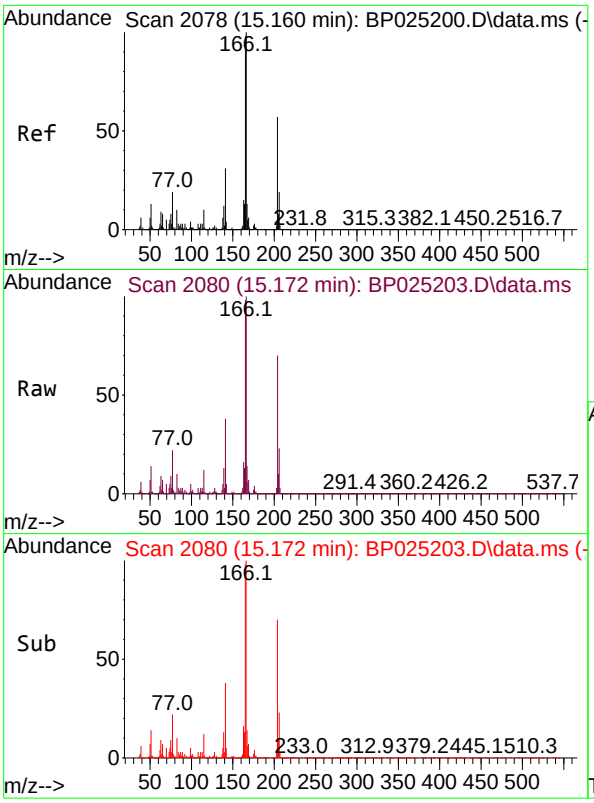


#60
Diethylphthalate
Concen: 71.116 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 9739656

Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.4	27.6
150	13.1	10.0	15.0



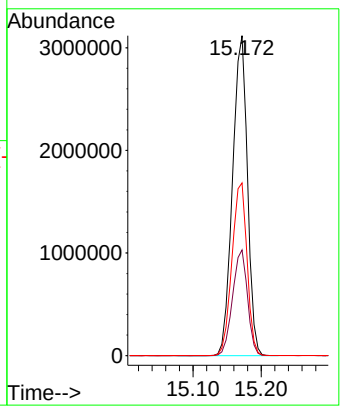


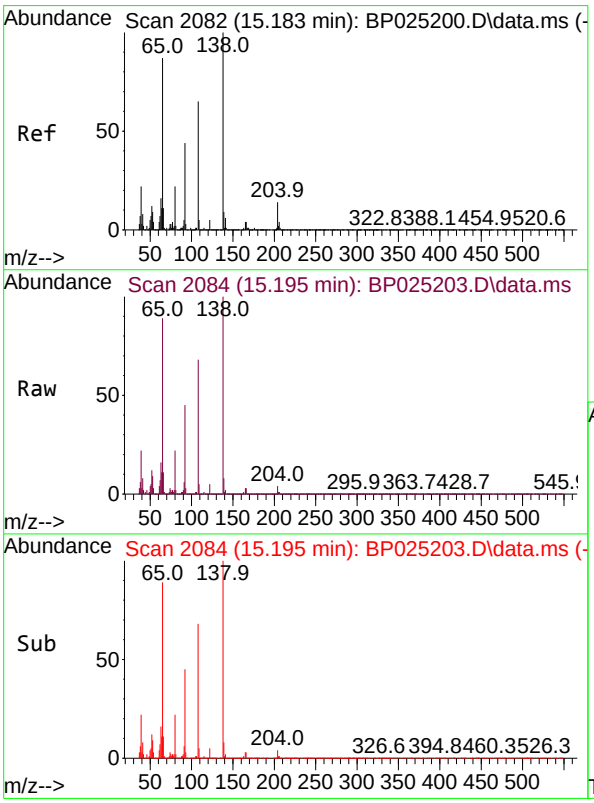
#61
4-Chlorophenyl-phenylether
Concen: 70.690 ng
RT: 15.172 min Scan# 20
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 4730340

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	54.0	43.0	64.6

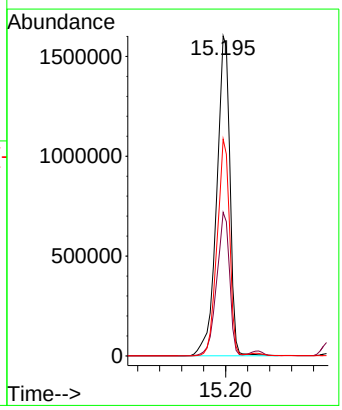


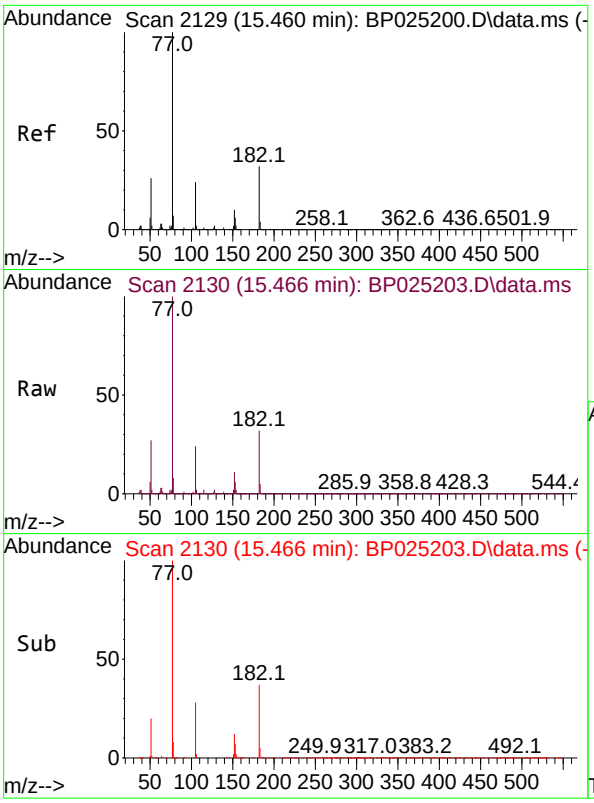


#62
4-Nitroaniline
Concen: 79.596 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:138 Resp: 2685203

Ion	Ratio	Lower	Upper
138	100		
92	44.8	24.0	64.0
108	67.7	44.9	84.9



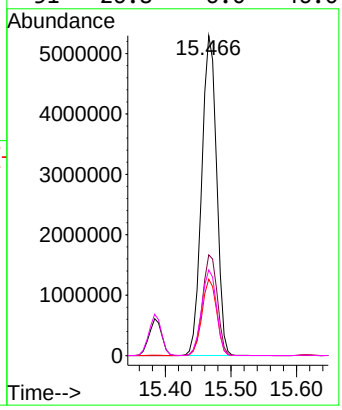


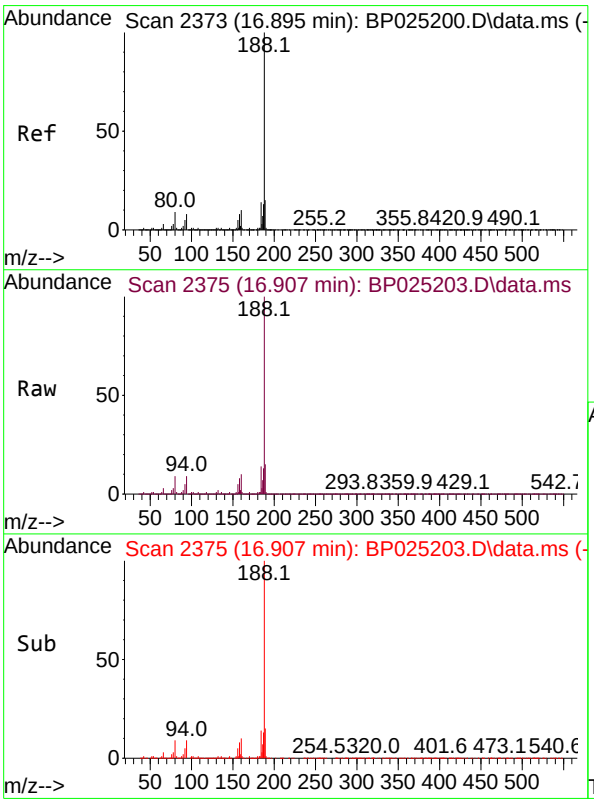
#63
Azobenzene
Concen: 75.626 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 8319717

Ion	Ratio	Lower	Upper
77	100		
182	31.5	12.0	52.0
105	23.9	3.6	43.6
51	26.8	6.0	46.0

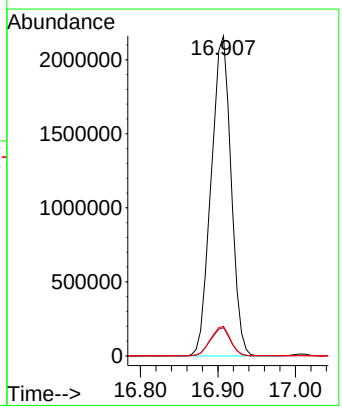


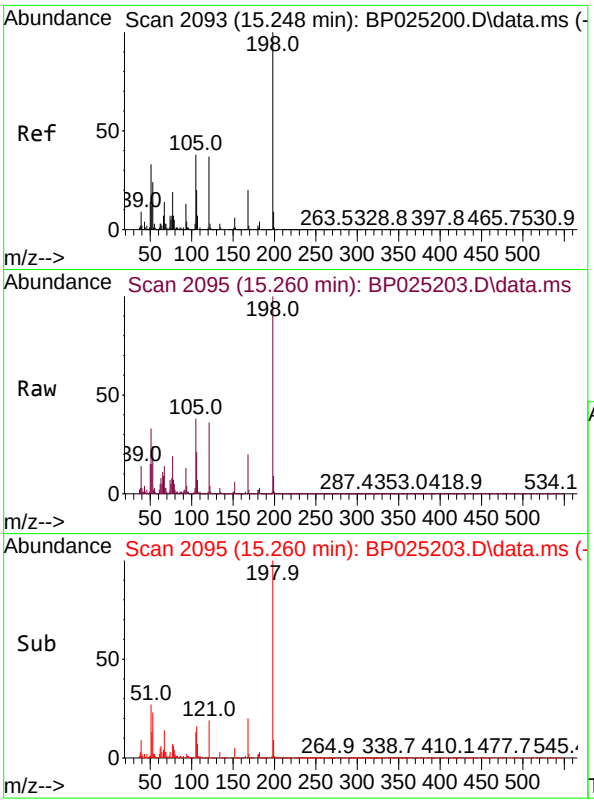


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:188 Resp: 3857742

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.2	7.3	10.9



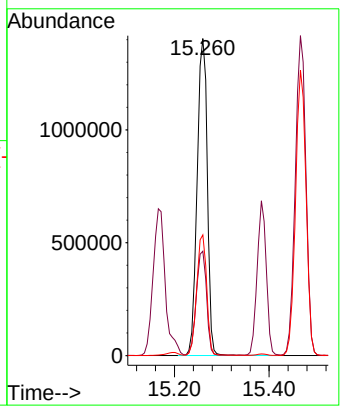


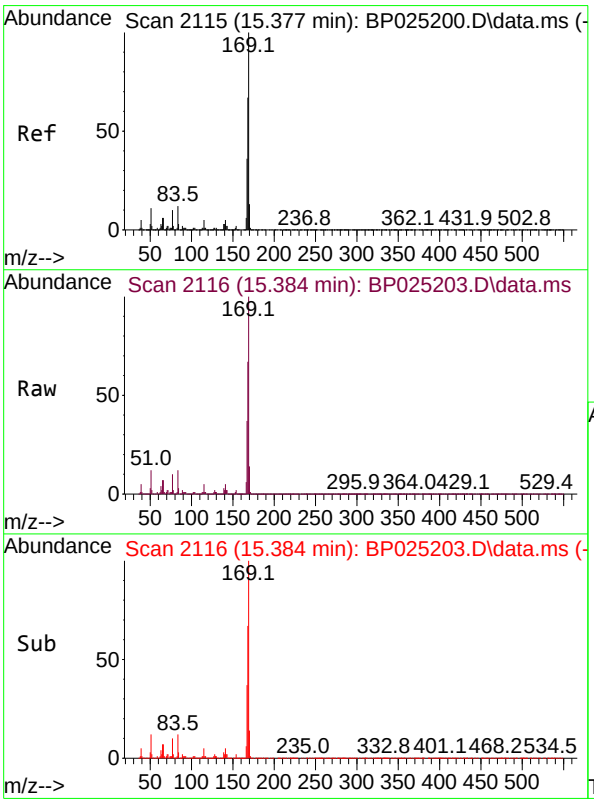
#65
4,6-Dinitro-2-methylphenol
Concen: 86.660 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 2092932

Ion	Ratio	Lower	Upper
198	100		
51	33.0	14.6	54.6
105	38.1	18.3	58.3

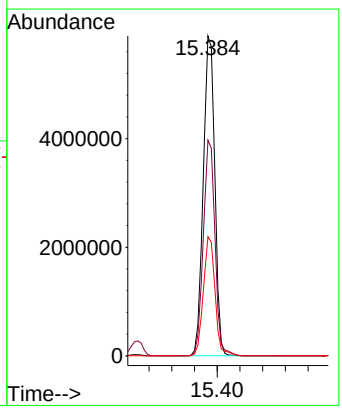


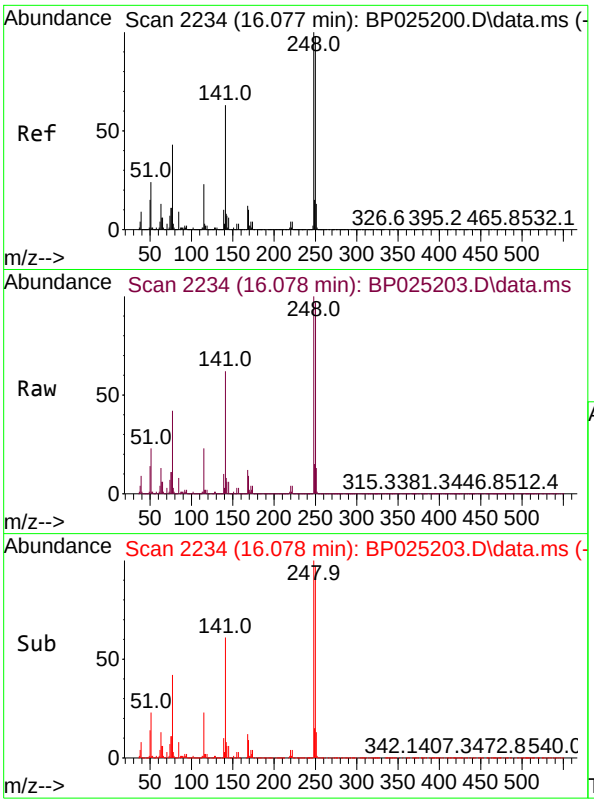


#66
n-Nitrosodiphenylamine
Concen: 69.242 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:169 Resp: 8318929

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	37.2	29.0	43.6



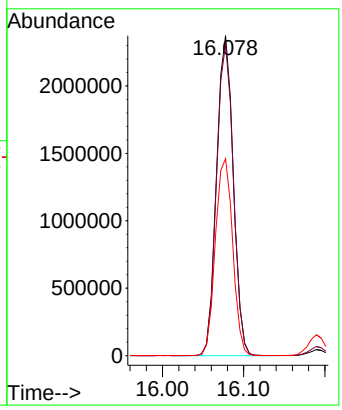


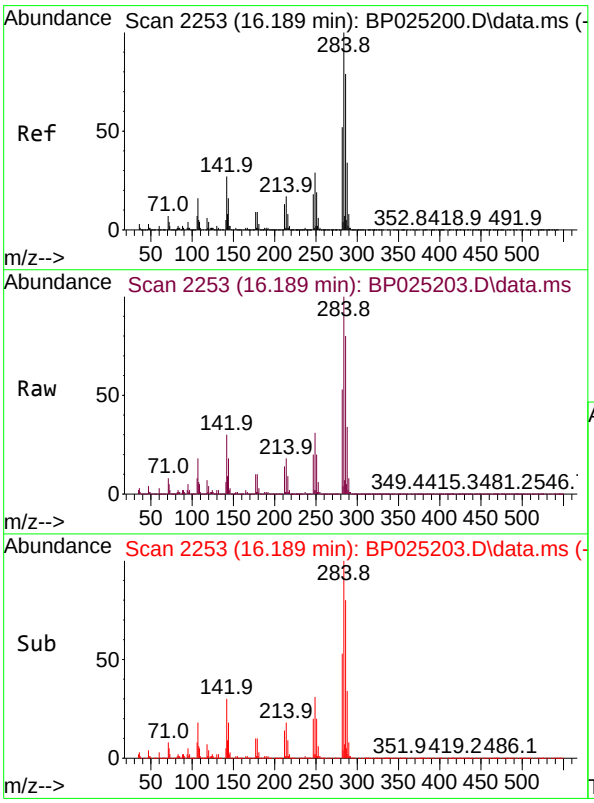
#67
4-Bromophenyl-phenylether
Concen: 74.593 ng
RT: 16.078 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 3392847

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.5	117.7
141	61.5	50.5	75.7

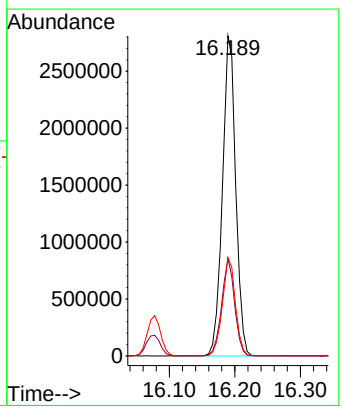


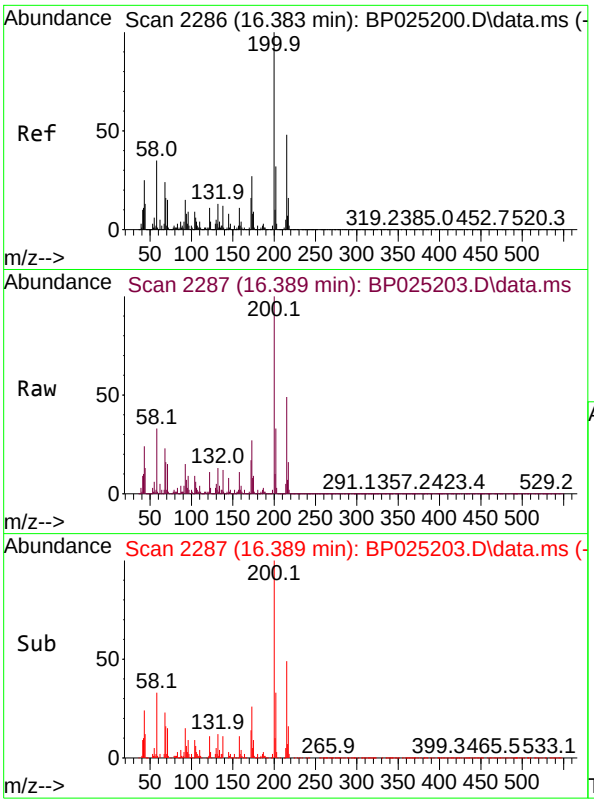


#68
Hexachlorobenzene
Concen: 72.885 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:284 Resp: 3958634

Ion	Ratio	Lower	Upper
284	100		
142	30.5	21.5	32.3
249	30.7	23.4	35.0



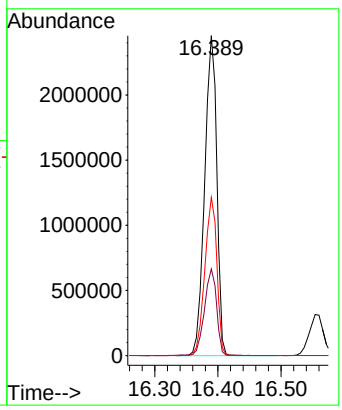


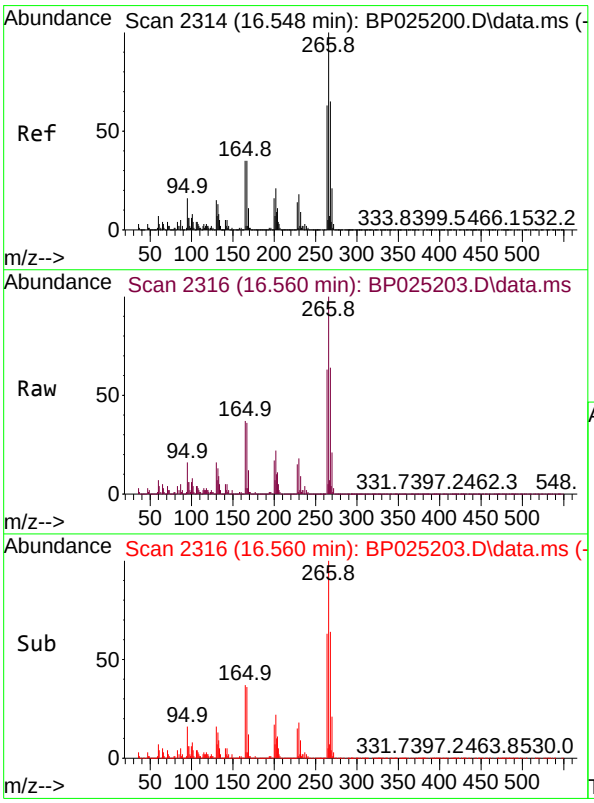
#69
Atrazine
Concen: 74.592 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 3266485

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	49.4	28.5	68.5

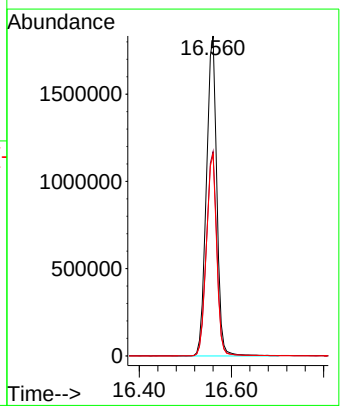


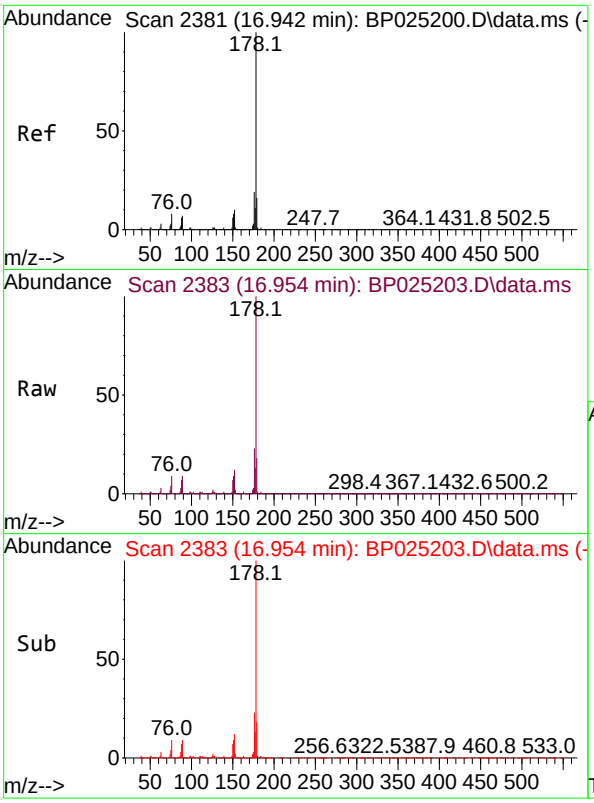


#70
Pentachlorophenol
Concen: 78.904 ng
RT: 16.560 min Scan# 2316
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:266 Resp: 2852574

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.8	77.6
264	63.0	50.3	75.5



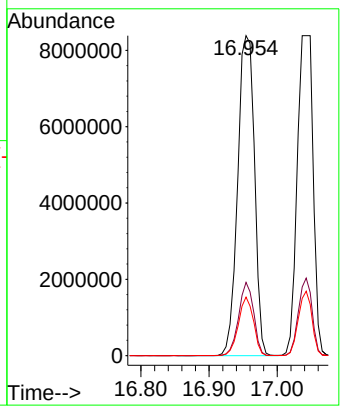


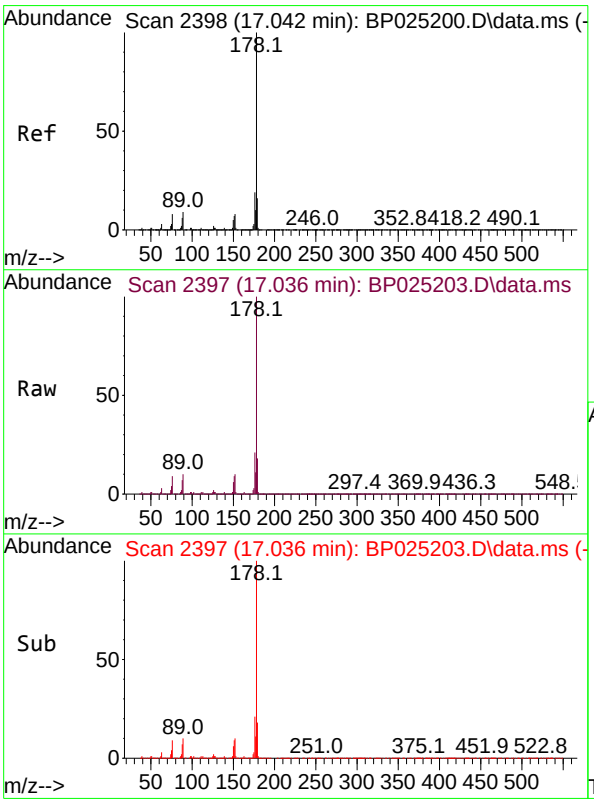
#71
Phenanthrene
Concen: 66.900 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp:14380185

Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.6	23.4
179	18.3	12.5	18.7

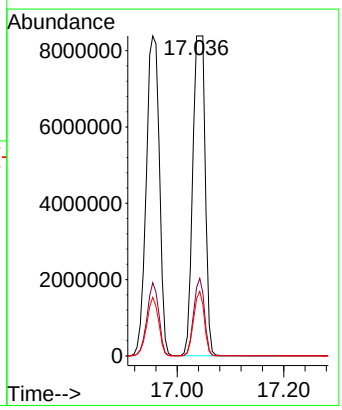


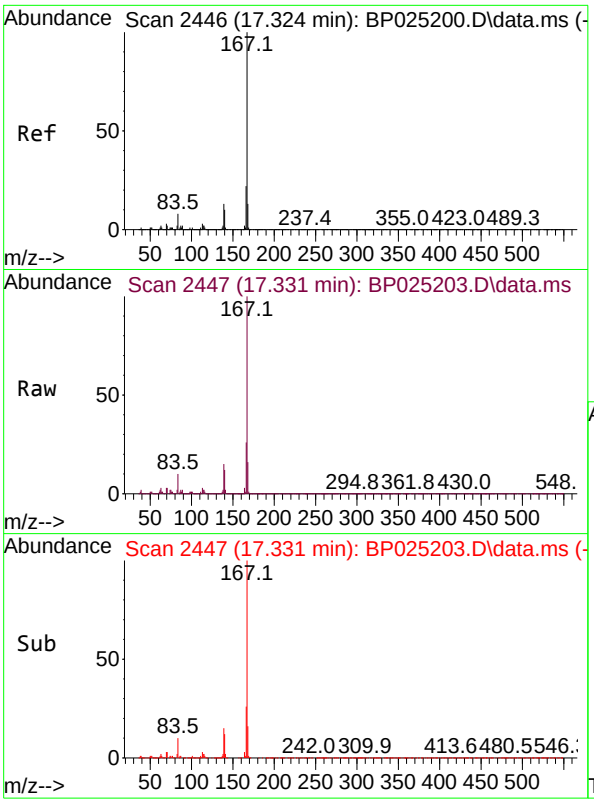


#72
Anthracene
Concen: 62.578 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:178 Resp:13655221

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.4
179	17.9	12.5	18.7



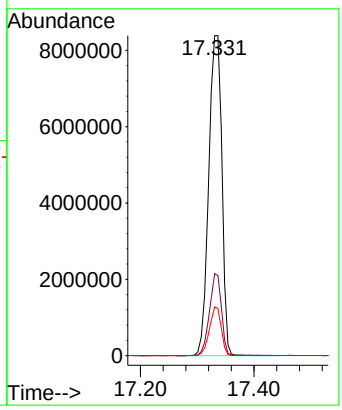


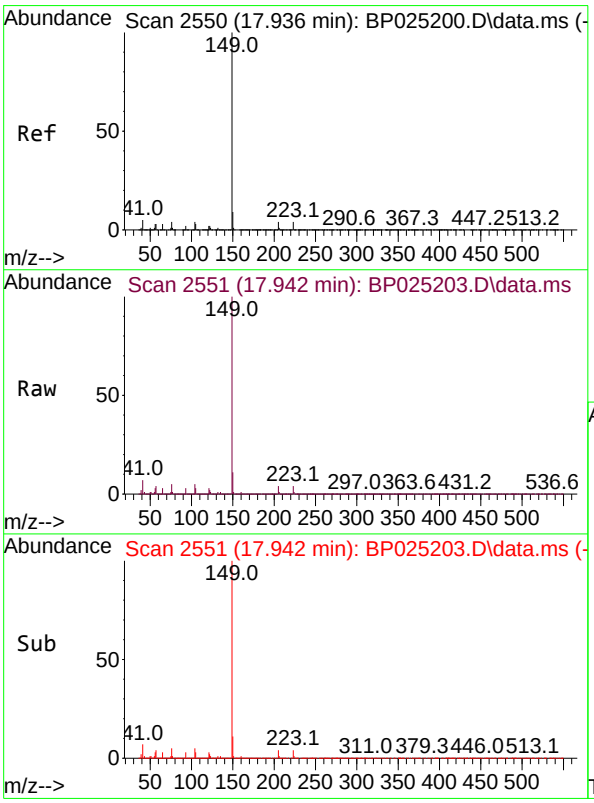
#73
Carbazole
Concen: 65.036 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp:13502968

Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.3	25.9
139	15.2	10.1	15.1#

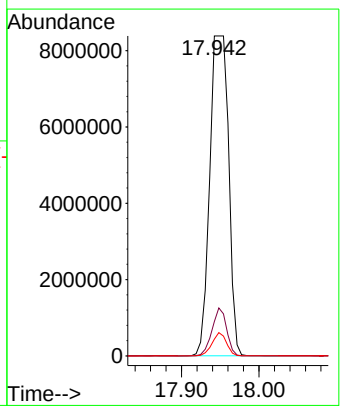


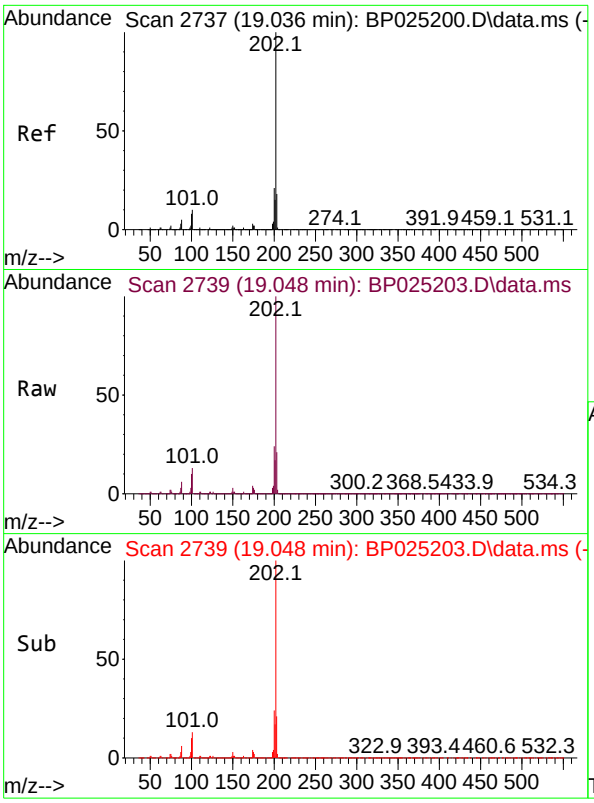


#74
Di-n-butylphthalate
Concen: 58.482 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:14237898

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.6	11.4
104	5.2	3.5	5.3



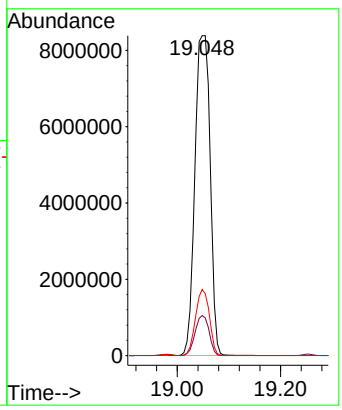


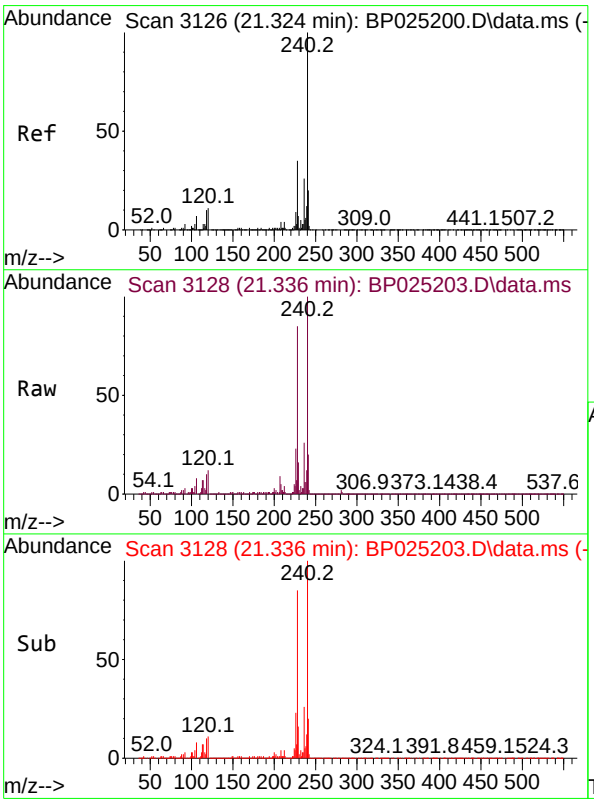
#75
Fluoranthene
Concen: 67.620 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp:17185754

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
203	20.7	0.0	38.0

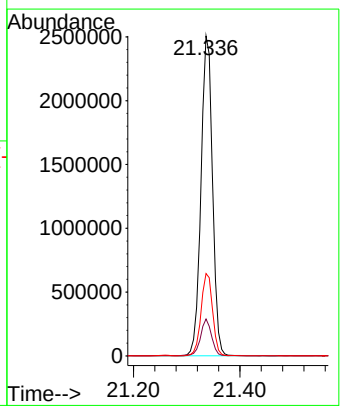


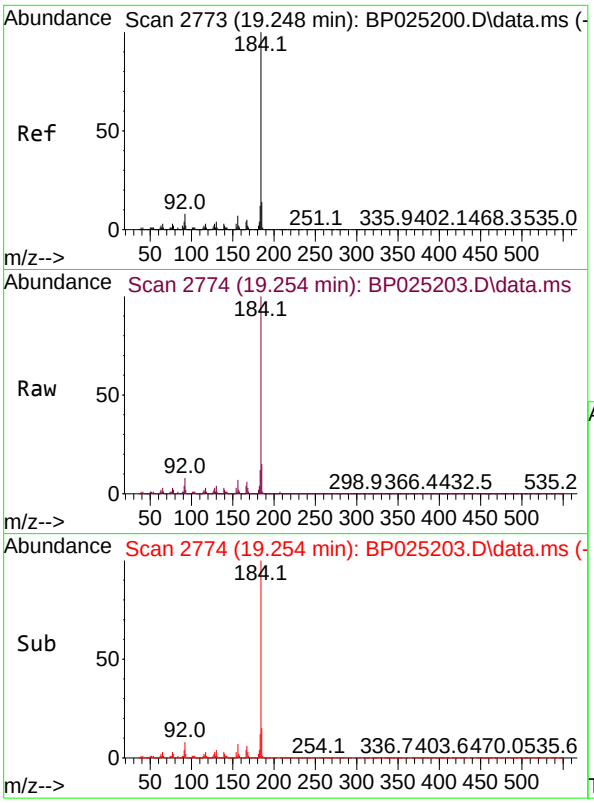


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:240 Resp: 3752201

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	25.8	20.9	31.3



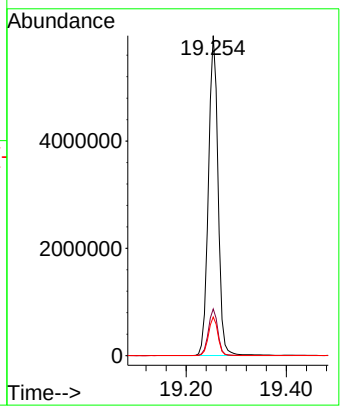


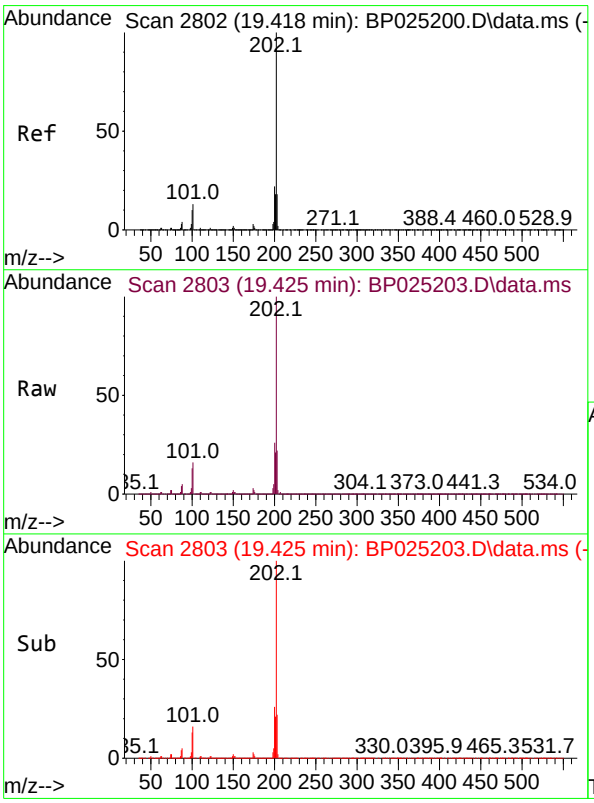
#77
Benzidine
Concen: 55.646 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 7975723

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	12.1	9.6	14.4

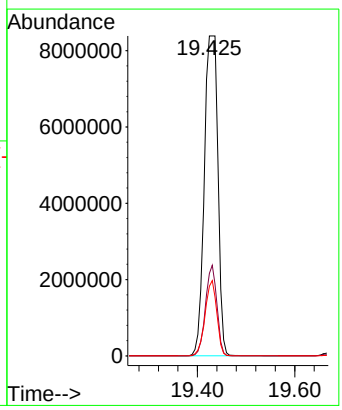


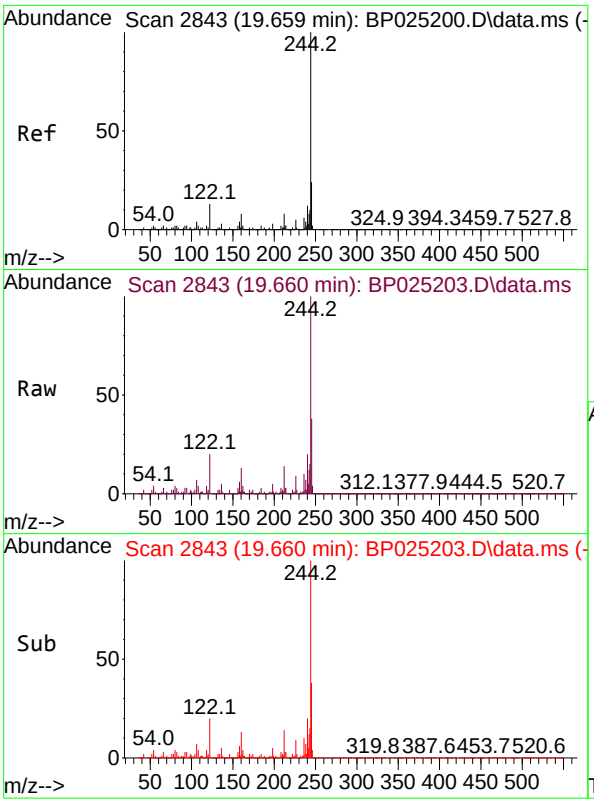


#78
Pyrene
Concen: 68.613 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:202 Resp:16361302

Ion	Ratio	Lower	Upper
202	100		
200	25.8	17.4	26.2
203	21.8	14.3	21.5#



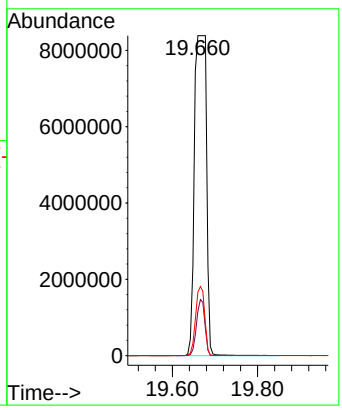


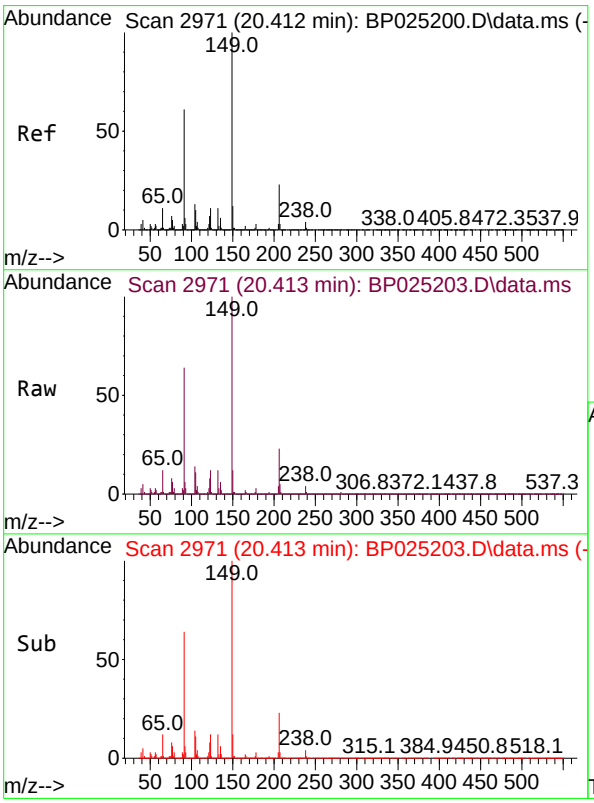
#79
Terphenyl-d14
Concen: 81.962 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp:16467563

Ion	Ratio	Lower	Upper
244	100		
212	13.9	6.6	9.8#
122	19.9	10.3	15.5#

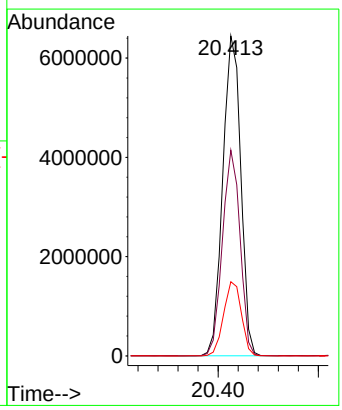


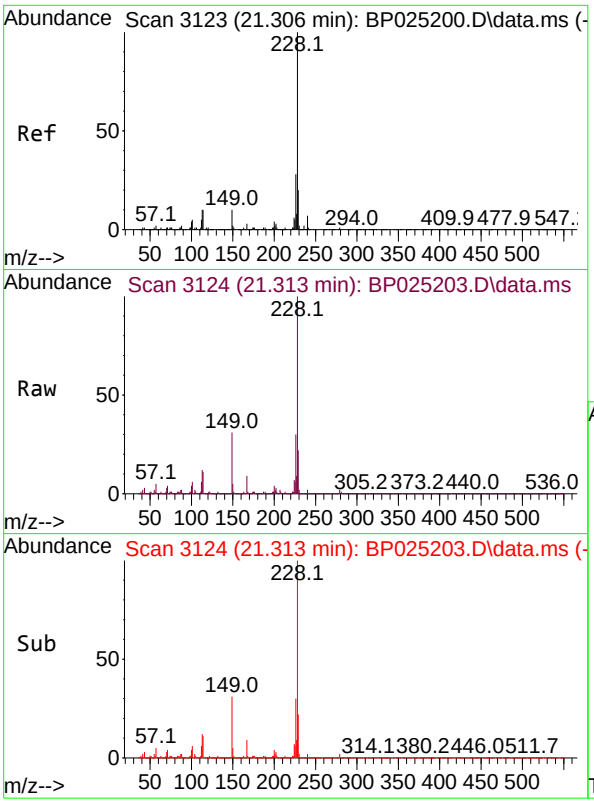


#80
Butylbenzylphthalate
Concen: 76.566 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 8056925

Ion	Ratio	Lower	Upper
149	100		
91	64.3	48.8	73.2
206	23.2	18.4	27.6



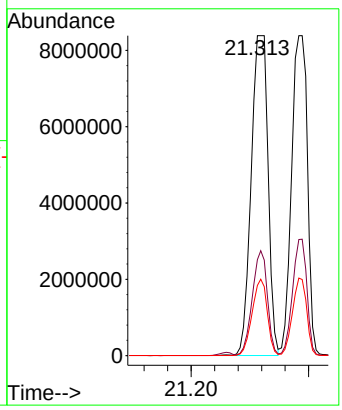


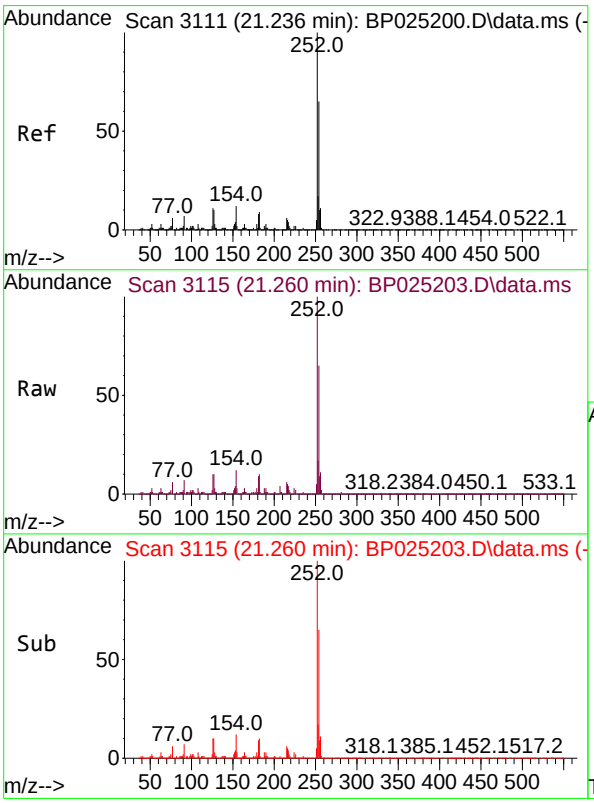
#81
Benzo(a)anthracene
Concen: 68.598 ng
RT: 21.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp:16742085

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.3	33.5
229	21.9	16.2	24.2

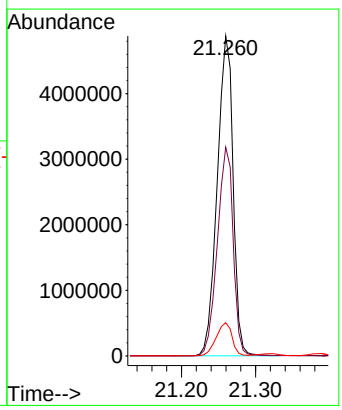


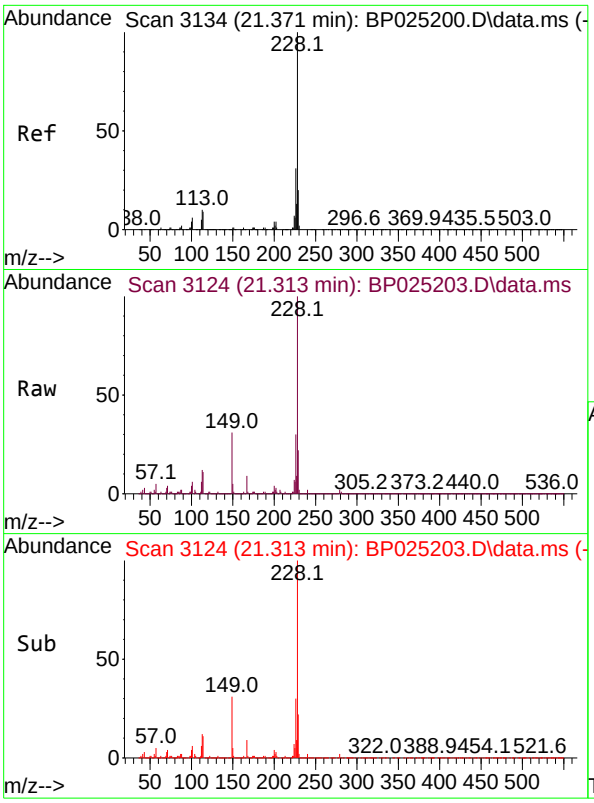


#82
3,3'-Dichlorobenzidine
Concen: 72.426 ng
RT: 21.260 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp: 7248237

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.4	8.6	12.8



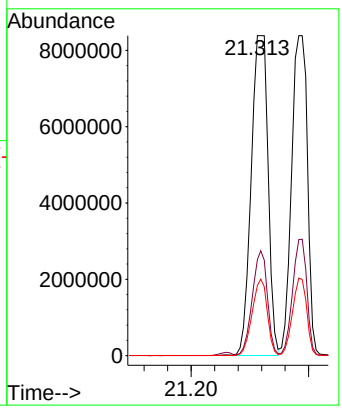


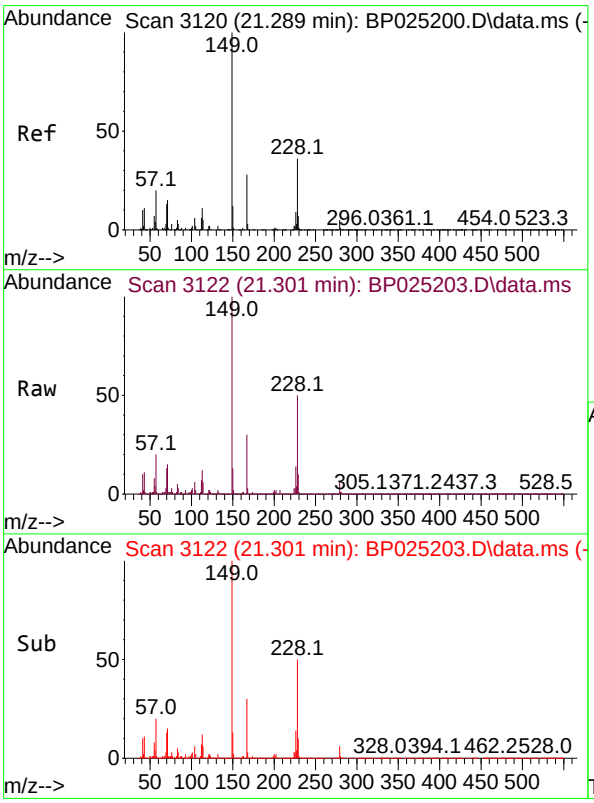
#83
Chrysene
Concen: 73.558 ng
RT: 21.313 min Scan# 31
Delta R.T. -0.058 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp:16742085

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	21.9	16.0	24.0

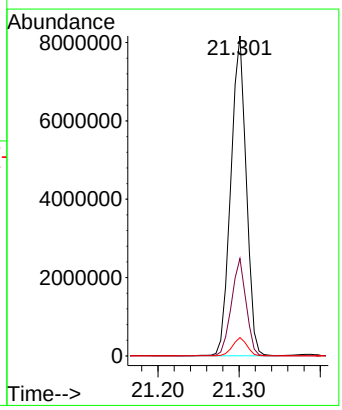


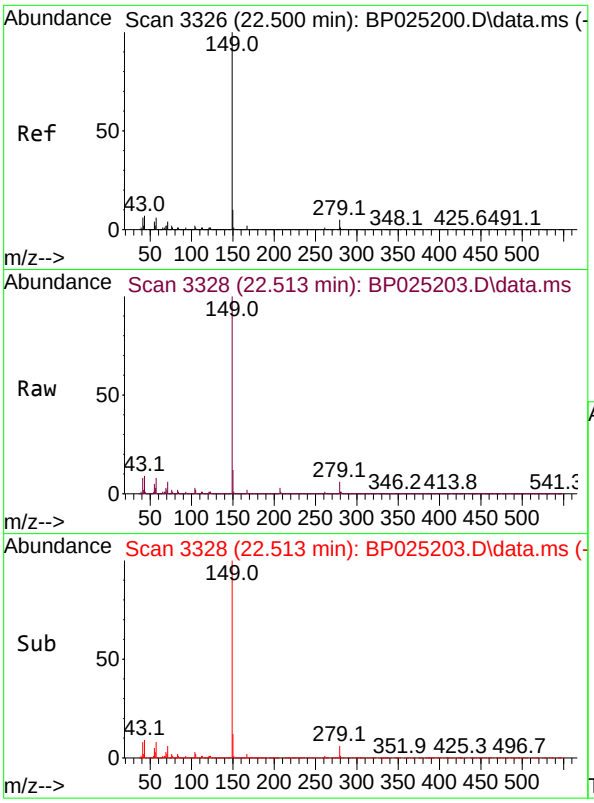


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.360 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:10793960

Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.6	34.0
279	5.7	4.0	6.0



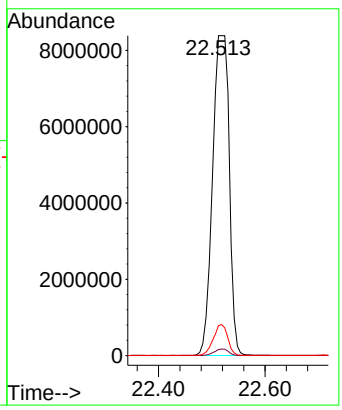


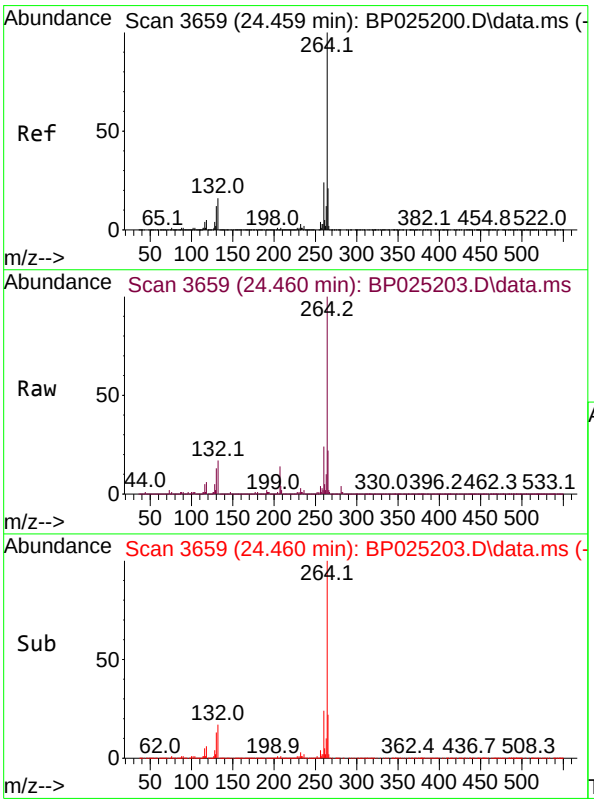
#85
Di-n-octyl phthalate
Concen: 68.160 ng
RT: 22.513 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp:18225919

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.3	6.1	9.1

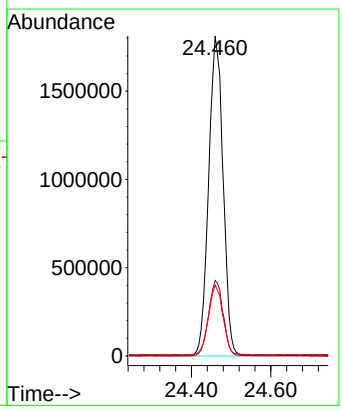


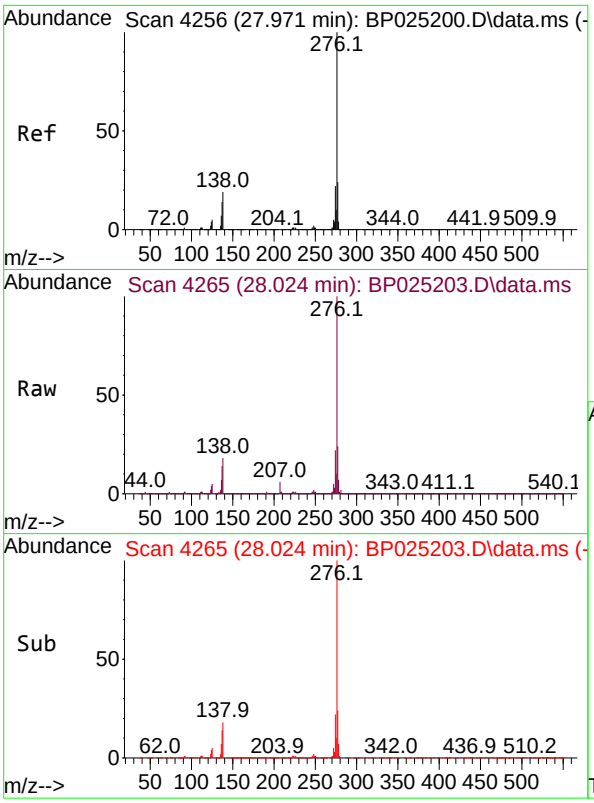


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:264 Resp: 4584448

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.1	17.5	26.3



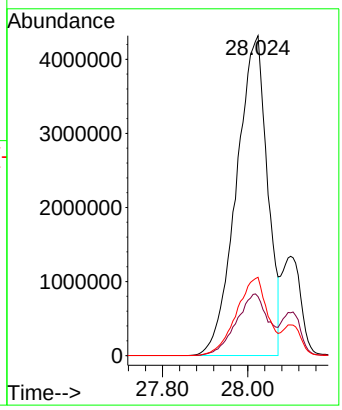


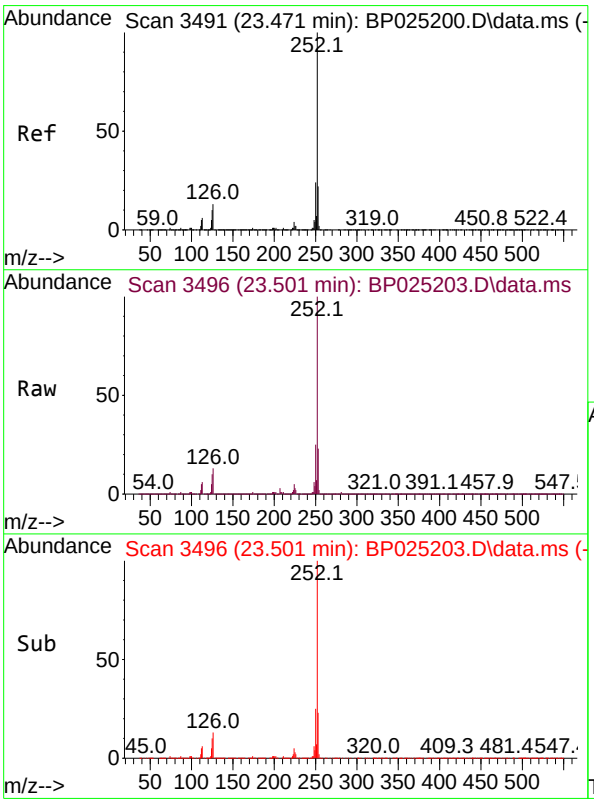
#87
Indeno(1,2,3-cd)pyrene
Concen: 64.520 ng
RT: 28.024 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp:21743066

Ion	Ratio	Lower	Upper
276	100		
138	20.4	12.8	19.2#
277	24.6	20.3	30.5

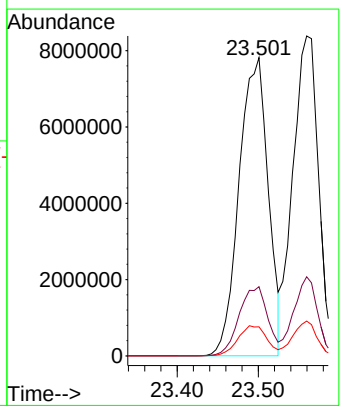


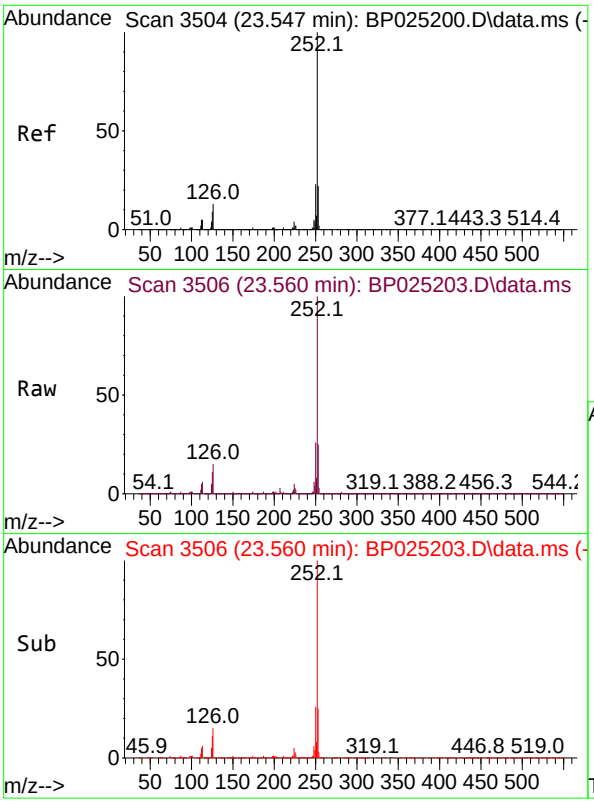


#88
Benzo(b)fluoranthene
Concen: 72.630 ng
RT: 23.501 min Scan# 3496
Delta R.T. 0.030 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19418416

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	9.7	7.8	11.8



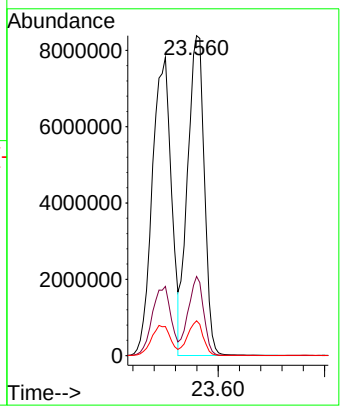


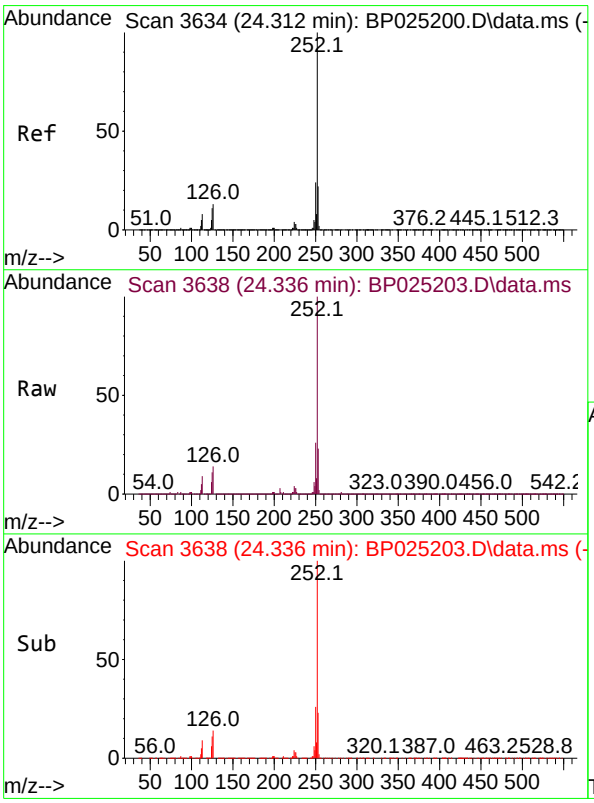
#89
Benzo(k)fluoranthene
Concen: 69.278 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp:18389745

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	10.9	7.5	11.3

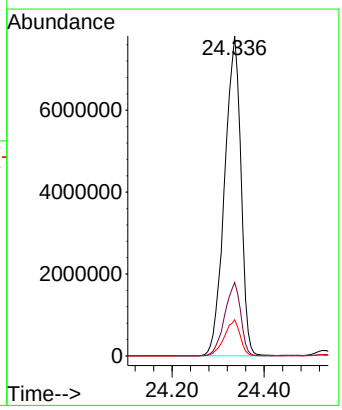


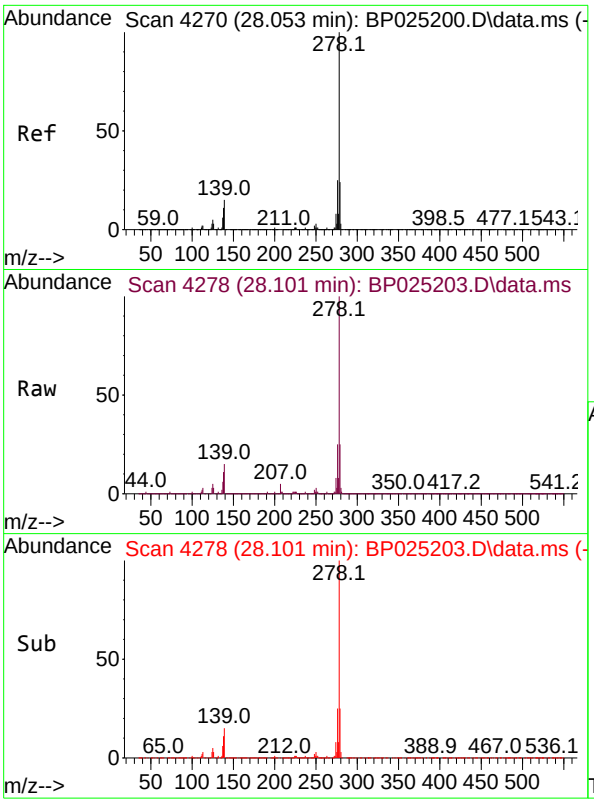


#90
Benzo(a)pyrene
Concen: 74.177 ng
RT: 24.336 min Scan# 3638
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19250934

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.3	8.6	12.8



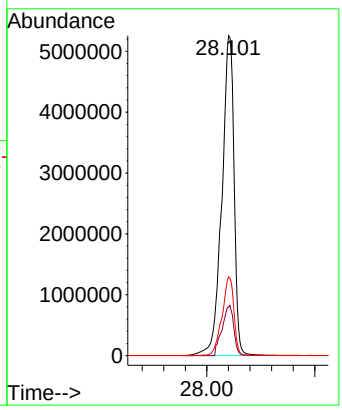


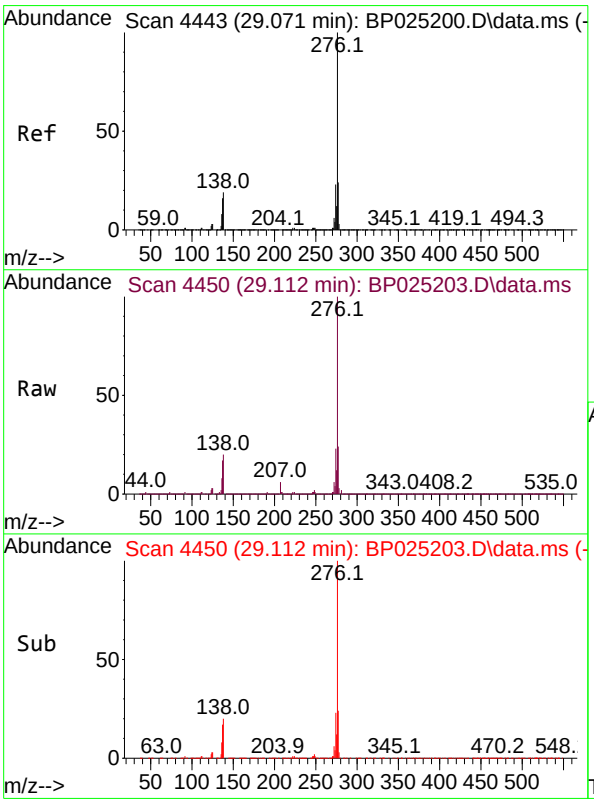
#91
Dibenzo(a,h)anthracene
Concen: 74.852 ng
RT: 28.101 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp:20686577

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	24.6	19.5	29.3

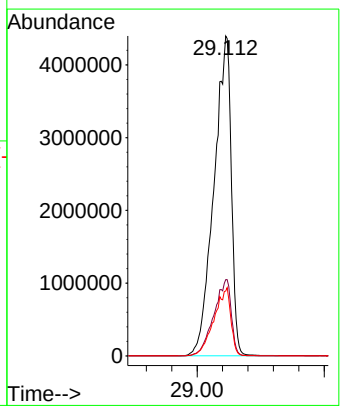




#92
Benzo(g,h,i)perylene
Concen: 76.871 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.042 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:276 Resp:20810607

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.3	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	524940	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2104576	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1362526	20.000	ng	0.00
64) Phenanthrene-d10	16.890	188	2724423	20.000	ng	0.00
76) Chrysene-d12	21.325	240	2909374	20.000	ng	0.00
86) Perylene-d12	24.454	264	3512838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2638101	84.913	ng	0.00
7) Phenol-d6	6.637	99	3268850	84.951	ng	0.00
23) Nitrobenzene-d5	8.561	82	3013470	79.573	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1738413	86.546	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	7858078	81.308	ng	0.00
79) Terphenyl-d14	19.660	244	11572188	78.518	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	504115	43.294	ng	100
3) Pyridine	3.496	79	1412341	45.312	ng	99
4) n-Nitrosodimethylamine	3.408	42	559588	45.271	ng	99
6) Aniline	6.778	93	2258683	44.906	ng	100
8) 2-Chlorophenol	7.014	128	1592397	45.173	ng	99
9) Benzaldehyde	6.596	77	1084774	41.579	ng	100
10) Phenol	6.661	94	1791500	44.894	ng	98
11) bis(2-Chloroethyl)ether	6.878	93	1378085	45.044	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1775571	44.791	ng	100
13) 1,4-Dichlorobenzene	7.466	146	1799506	44.972	ng	99
14) 1,2-Dichlorobenzene	7.772	146	1732981	45.020	ng	99
15) Benzyl Alcohol	7.672	79	1256245	45.260	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.955	45	1759704	44.953	ng	98
17) 2-Methylphenol	7.878	107	1255605	45.385	ng	99
18) Hexachloroethane	8.484	117	622156	45.213	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	1056083	45.622	ng	99
20) 3+4-Methylphenols	8.196	107	1707787	45.254	ng	99
22) Acetophenone	8.243	105	2254711	46.041	ng	100
24) Nitrobenzene	8.608	77	1559201	46.187	ng	98
25) Isophorone	9.131	82	3018090	45.319	ng	100
26) 2-Nitrophenol	9.308	139	897017	46.272	ng	98
27) 2,4-Dimethylphenol	9.384	122	1483657	45.737	ng	100
28) bis(2-Chloroethoxy)met...	9.608	93	1895452	45.503	ng	99
29) 2,4-Dichlorophenol	9.831	162	1520412	45.622	ng	99
30) 1,2,4-Trichlorobenzene	10.049	180	1637469	44.986	ng	99
31) Naphthalene	10.219	128	4820314	44.759	ng	100
32) Benzoic acid	9.525	122	1168950	47.203	ng	98
33) 4-Chloroaniline	10.337	127	2150538	45.428	ng	99
34) Hexachlorobutadiene	10.525	225	972292	44.380	ng	98
35) Caprolactam	11.131	113	502072	45.393	ng	97
36) 4-Chloro-3-methylphenol	11.484	107	1529350	45.907	ng	99
37) 2-Methylnaphthalene	11.855	142	3102963	44.372	ng	100
38) 1-Methylnaphthalene	12.078	142	3312609	45.095	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1867529	45.726	ng	100
41) Hexachlorocyclopentadiene	12.219	237	1182850	48.517	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	1271588	45.567	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1384362	45.080	ng		99
46) 1,1'-Biphenyl	12.896	154	4485894	45.416	ng		100
47) 2-Chloronaphthalene	12.931	162	3474901	45.062	ng		100
48) 2-Nitroaniline	13.143	65	909354	46.176	ng		98
49) Acenaphthylene	13.796	152	5754979	46.141	ng		100
50) Dimethylphthalate	13.543	163	4360923	44.753	ng		99
51) 2,6-Dinitrotoluene	13.654	165	978826	46.230	ng		99
52) Acenaphthene	14.154	154	3282137	45.507	ng		99
53) 3-Nitroaniline	13.984	138	1096681	45.931	ng		96
54) 2,4-Dinitrophenol	14.196	184	586989	46.791	ng		98
55) Dibenzofuran	14.496	168	5343820	45.869	ng		99
56) 4-Nitrophenol	14.313	139	944675	46.237	ng		97
57) 2,4-Dinitrotoluene	14.460	165	1390893	46.930	ng		95
58) Fluorene	15.154	166	4240752	45.851	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1243197	45.744	ng		100
60) Diethylphthalate	14.948	149	4306867	44.844	ng		100
61) 4-Chlorophenyl-phenyle...	15.160	204	2117148	45.300	ng		99
62) 4-Nitroaniline	15.178	138	1122038	46.208	ng		99
63) Azobenzene	15.454	77	3579445	45.735	ng		99
65) 4,6-Dinitro-2-methylph...	15.248	198	820280	46.654	ng		100
66) n-Nitrosodiphenylamine	15.372	169	3726776	45.067	ng		100
67) 4-Bromophenyl-phenylether	16.072	248	1399658	44.020	ng		97
68) Hexachlorobenzene	16.190	284	1692331	44.819	ng		95
69) Atrazine	16.378	200	1395157	45.593	ng		98
70) Pentachlorophenol	16.543	266	1172182	45.651	ng		99
71) Phenanthrene	16.937	178	6708617	45.655	ng		100
72) Anthracene	17.042	178	6800703	45.942	ng		100
73) Carbazole	17.319	167	6461345	45.725	ng		100
74) Di-n-butylphthalate	17.937	149	7668085	47.030	ng		100
75) Fluoranthene	19.036	202	8016191	46.353	ng		100
77) Benzidine	19.254	184	5103974	49.969	ng		99
78) Pyrene	19.419	202	8280087	46.157	ng		99
80) Butylbenzylphthalate	20.407	149	3669353	45.188	ng		97
81) Benzo(a)anthracene	21.307	228	8225034	44.767	ng		99
82) 3,3'-Dichlorobenzidine	21.248	252	3492411	45.857	ng		99
83) Chrysene	21.372	228	7810320	45.539	ng		99
84) Bis(2-ethylhexyl)phtha...	21.289	149	5264917	45.344	ng		99
85) Di-n-octyl phthalate	22.501	149	9383339	46.799	ng		100
87) Indeno(1,2,3-cd)pyrene	27.983	276	9783058	38.109	ng	#	95
88) Benzo(b)fluoranthene	23.483	252	8937938	44.450	ng		100
89) Benzo(k)fluoranthene	23.548	252	8873357	44.700	ng		100
90) Benzo(a)pyrene	24.324	252	8836252	45.040	ng		100
91) Dibenzo(a,h)anthracene	28.054	278	9396843	44.867	ng		99
92) Benzo(g,h,i)perylene	29.077	276	9117542	44.298	ng		98

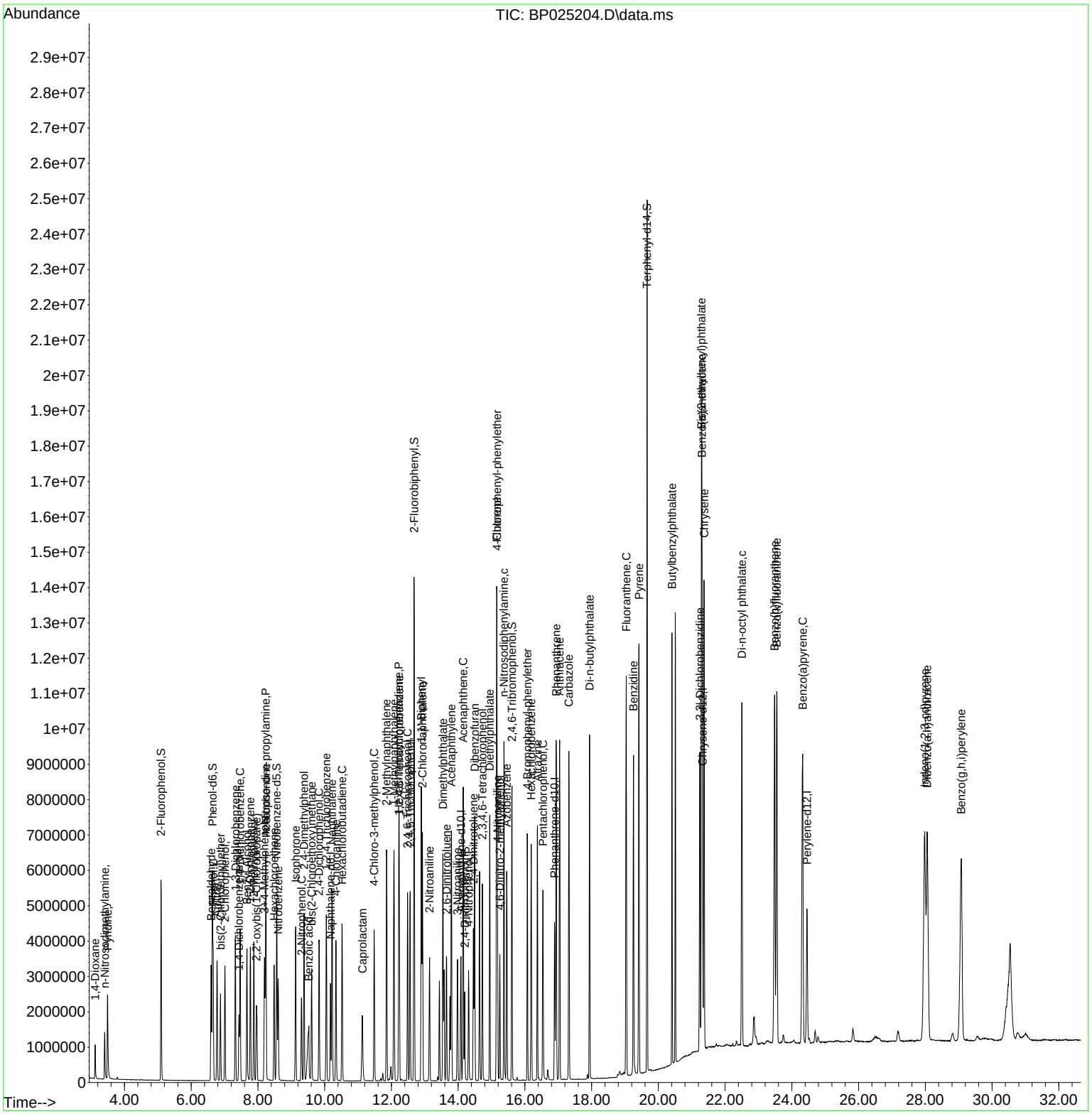
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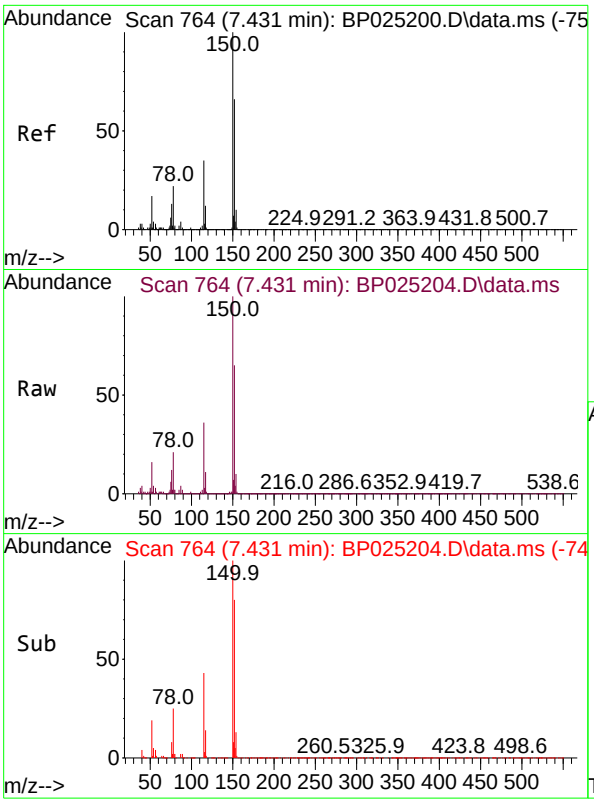
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



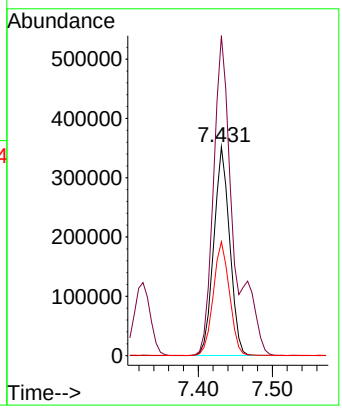


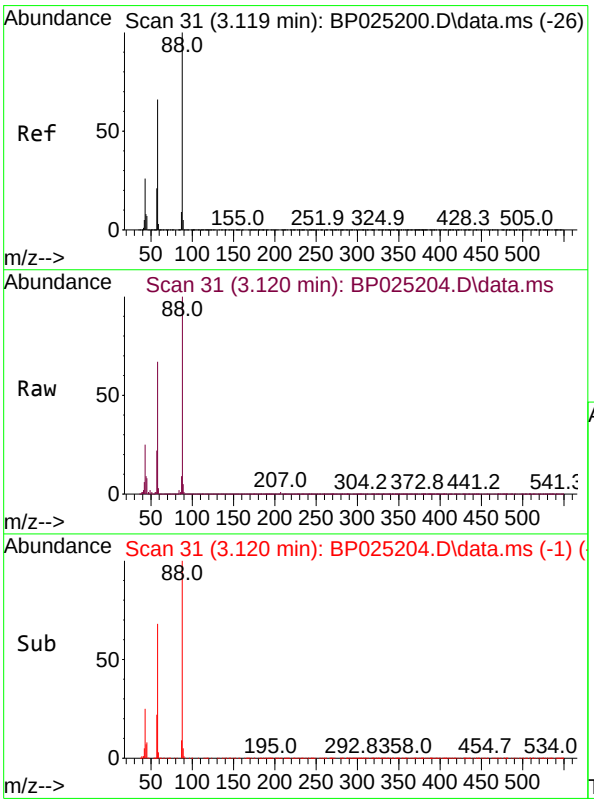
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:152 Resp: 524940

Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.9	182.9
115	54.5	43.0	64.6

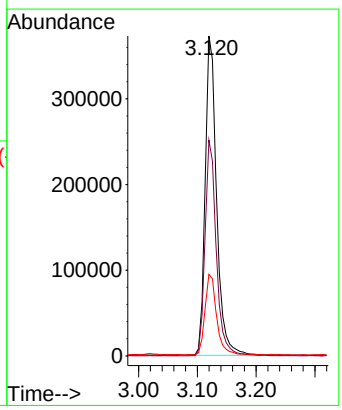


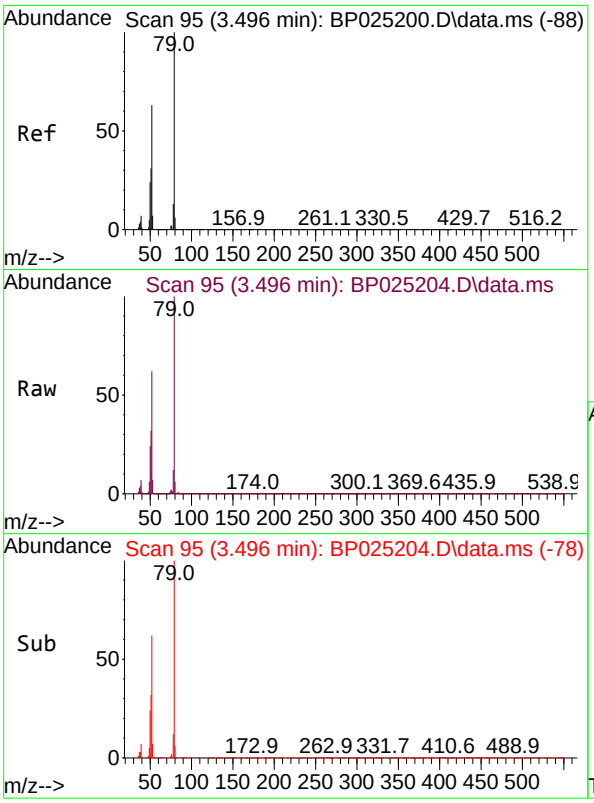


#2
1,4-Dioxane
Concen: 43.294 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 88 Resp: 504115

Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.5	80.3
43	26.0	20.8	31.2



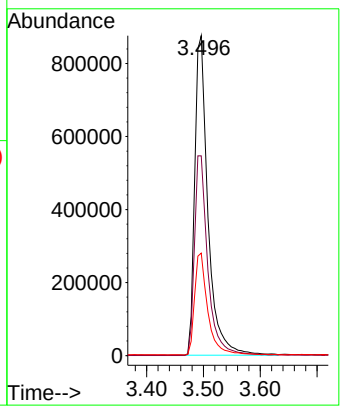


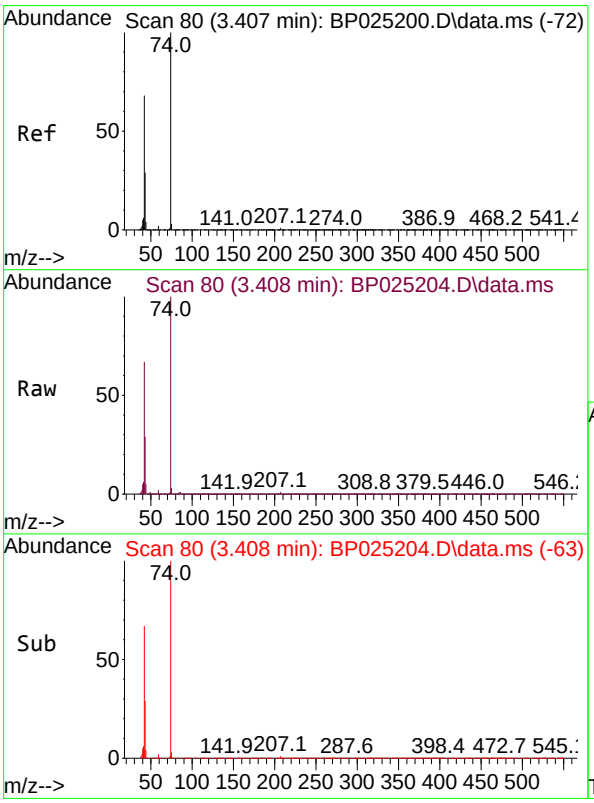
#3
Pyridine
Concen: 45.312 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 79 Resp: 1412341

Ion	Ratio	Lower	Upper
79	100		
52	62.4	50.2	75.4
51	32.0	25.0	37.4

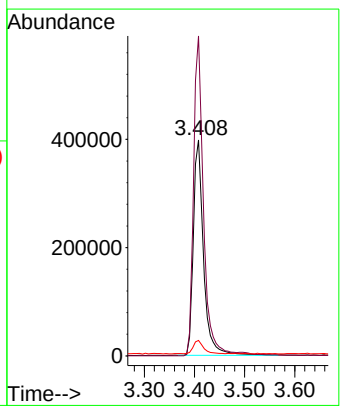


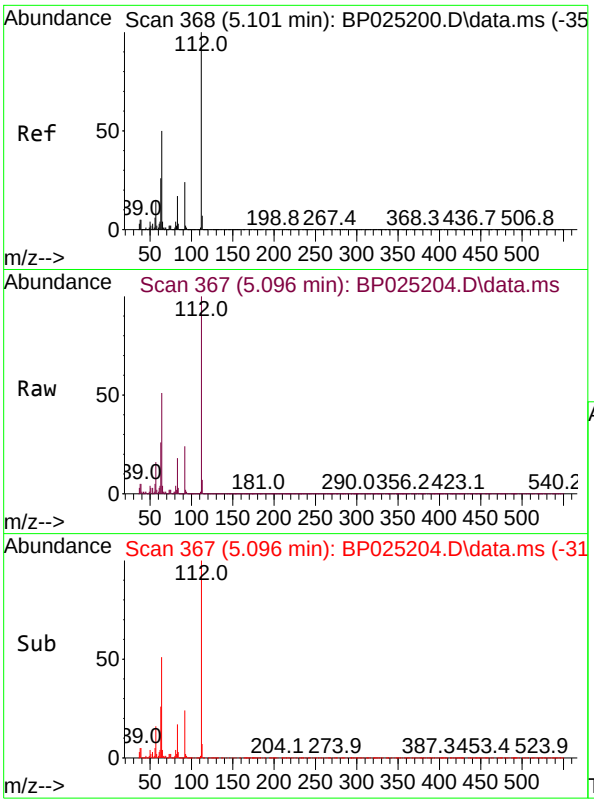


#4
n-Nitrosodimethylamine
Concen: 45.271 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 42 Resp: 559588

Ion	Ratio	Lower	Upper
42	100		
74	148.2	118.0	177.0
44	7.1	5.5	8.3



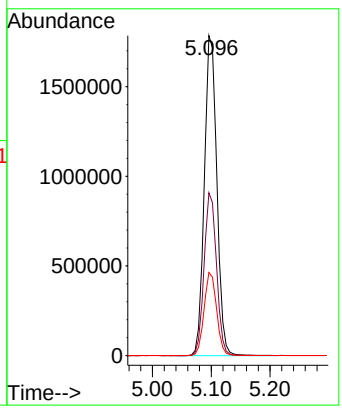


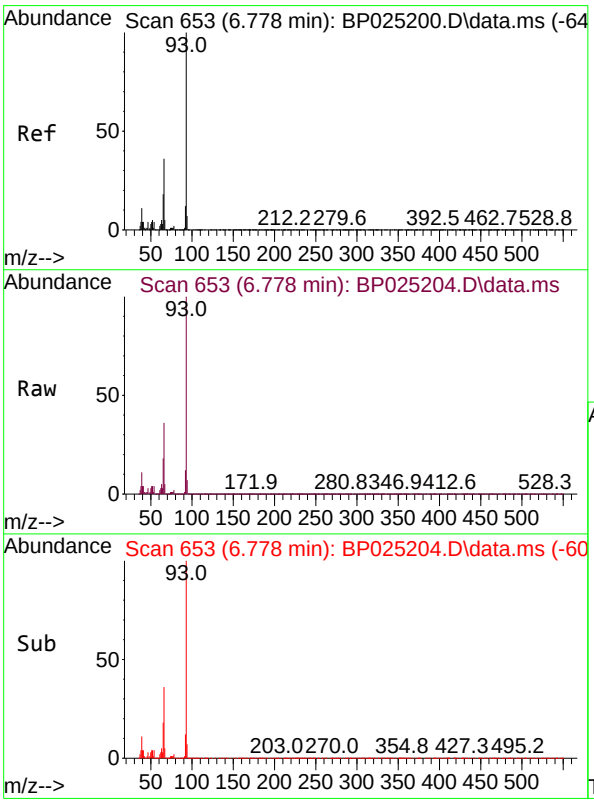
#5
2-Fluorophenol
Concen: 84.913 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:112 Resp: 2638101

Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.8	59.6
63	26.0	20.5	30.7

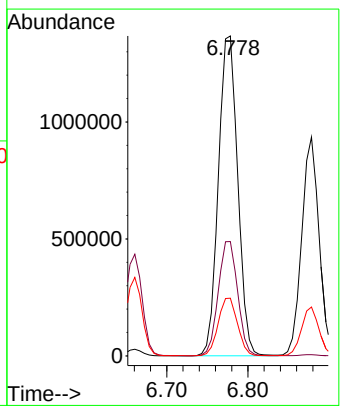


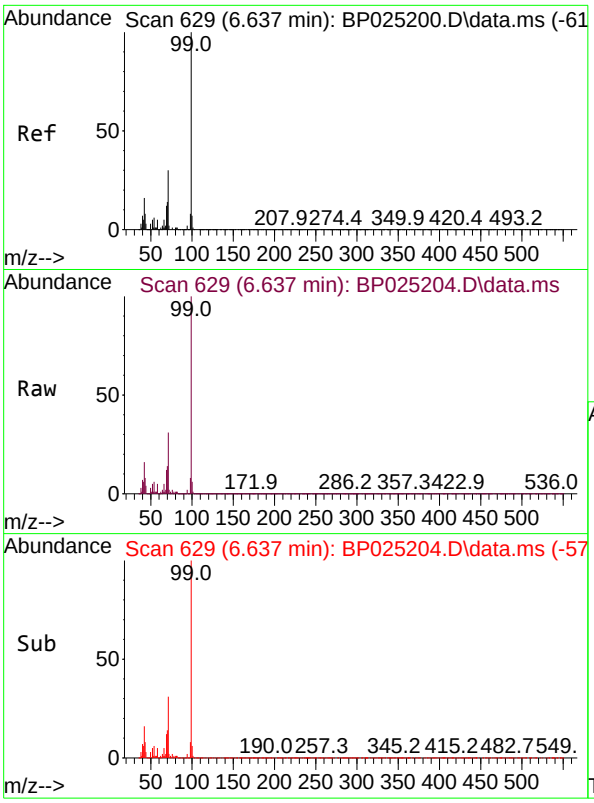


#6
Aniline
Concen: 44.906 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 2258683

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.0	14.6	21.8



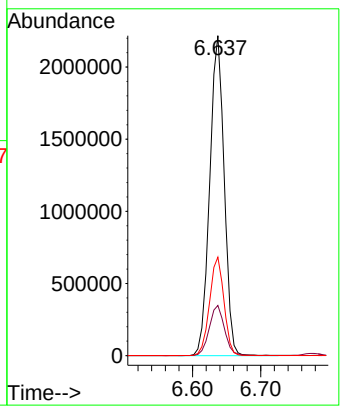


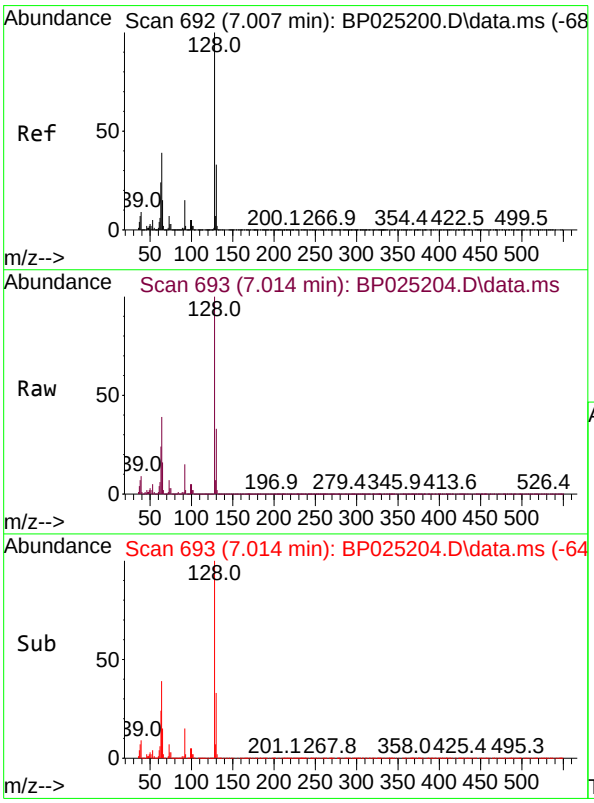
#7
Phenol-d6
Concen: 84.951 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 99 Resp: 3268850

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.8	24.2	36.2

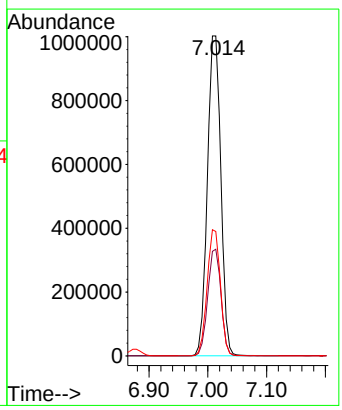


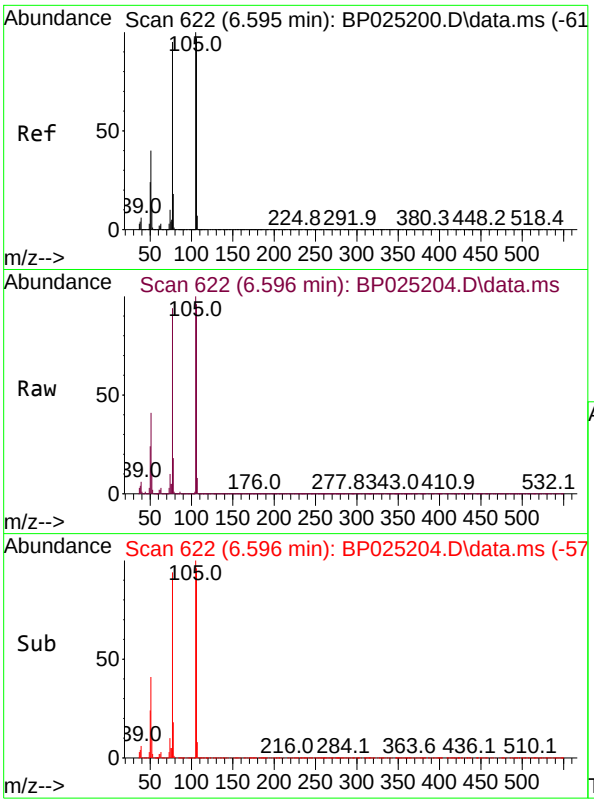


#8
2-Chlorophenol
Concen: 45.173 ng
RT: 7.014 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:128 Resp: 1592397

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	38.9	19.2	59.2



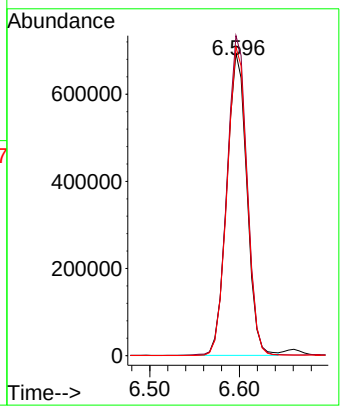


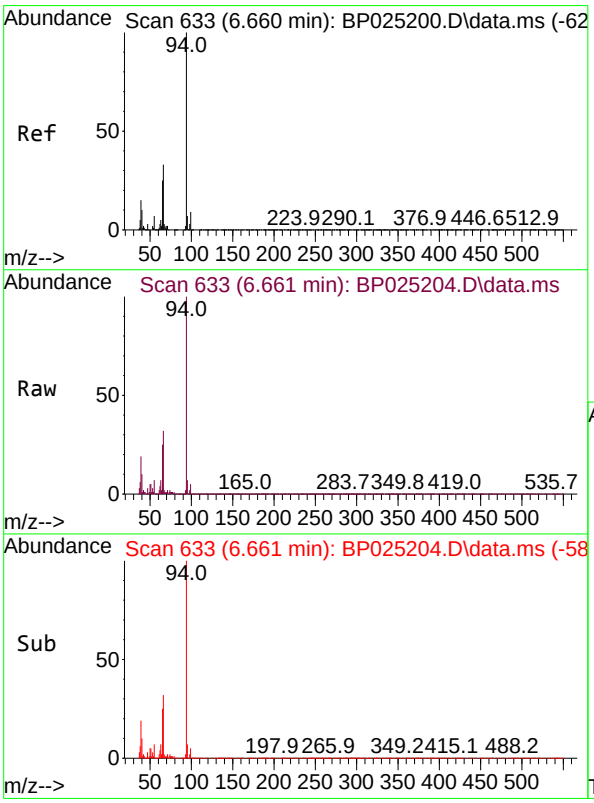
#9
Benzaldehyde
Concen: 41.579 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 77 Resp: 1084774

Ion	Ratio	Lower	Upper
77	100		
105	105.8	85.5	125.5
106	102.1	81.9	121.9

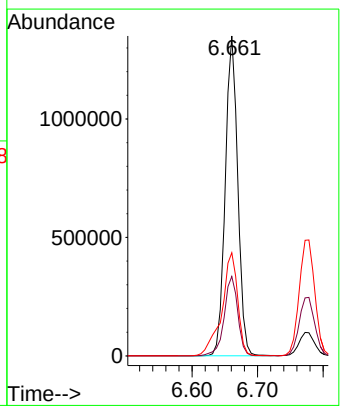


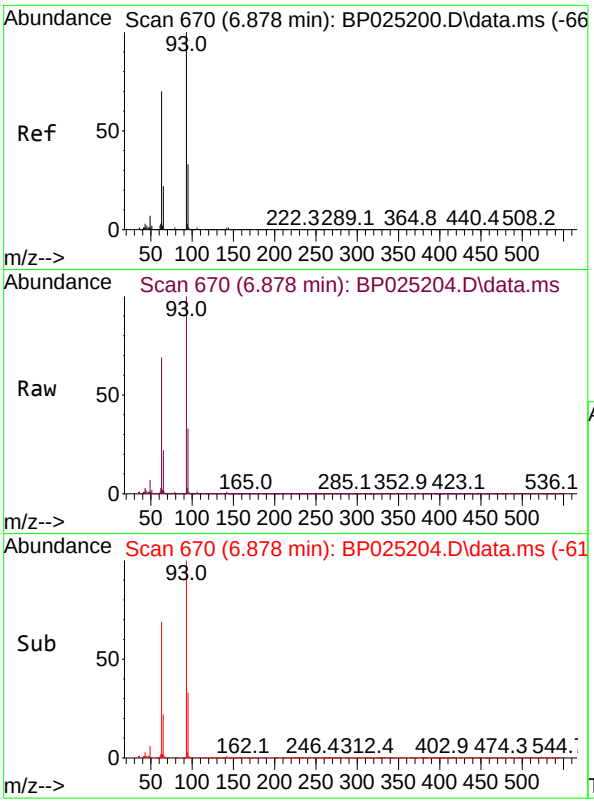


#10
Phenol
Concen: 44.894 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 94 Resp: 1791500

Ion	Ratio	Lower	Upper
94	100		
65	24.8	5.4	45.4
66	32.2	13.5	53.5



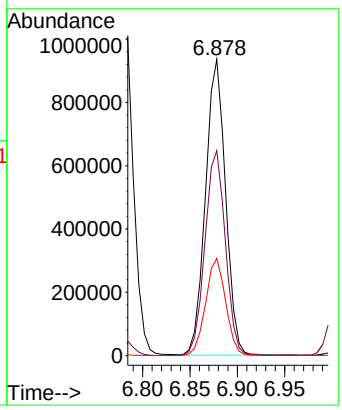


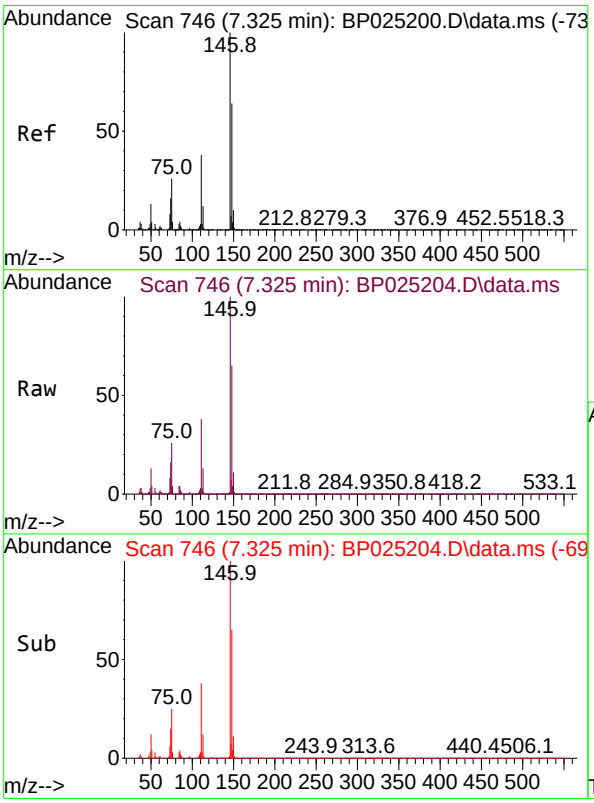
#11
bis(2-Chloroethyl)ether
Concen: 45.044 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 93 Resp: 1378085

Ion	Ratio	Lower	Upper
93	100		
63	69.2	50.0	90.0
95	32.9	12.9	52.9

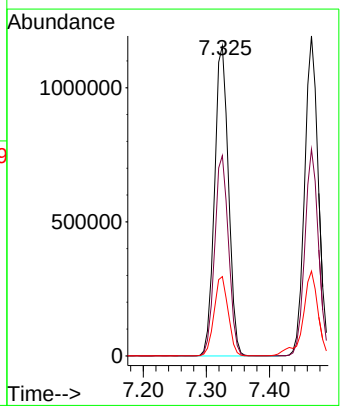


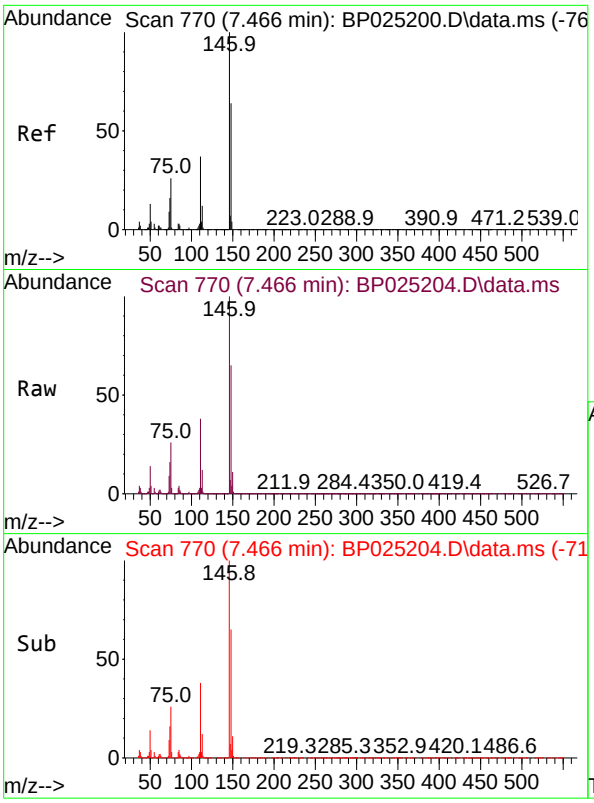


#12
1,3-Dichlorobenzene
Concen: 44.791 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1775571

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
75	25.6	20.6	31.0



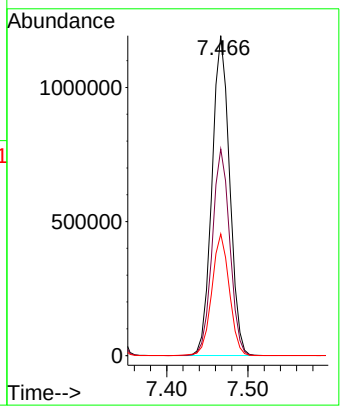


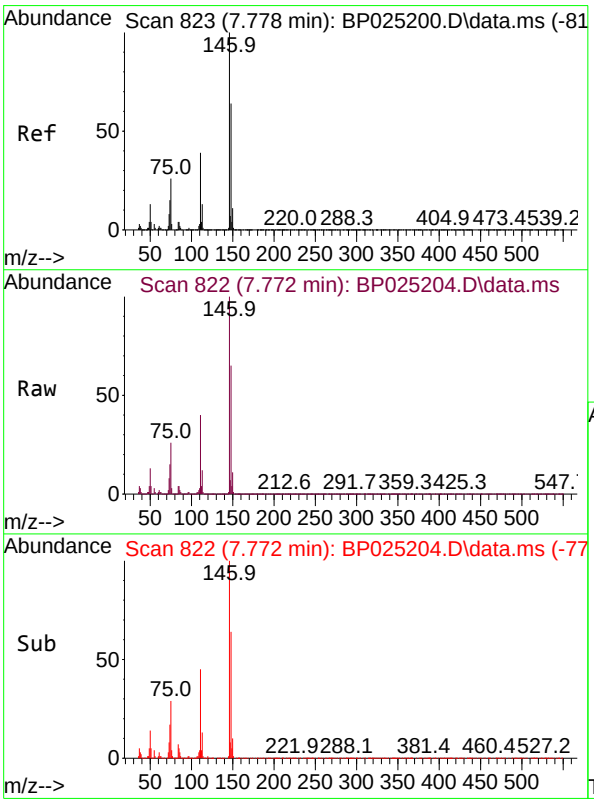
#13
1,4-Dichlorobenzene
Concen: 44.972 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:146 Resp: 1799506

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	38.0	29.9	44.9

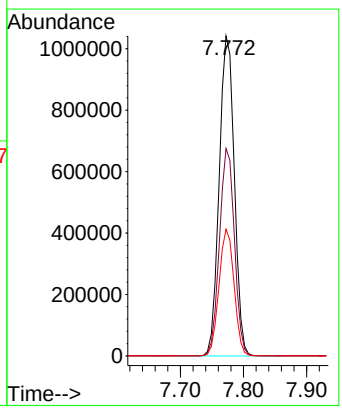


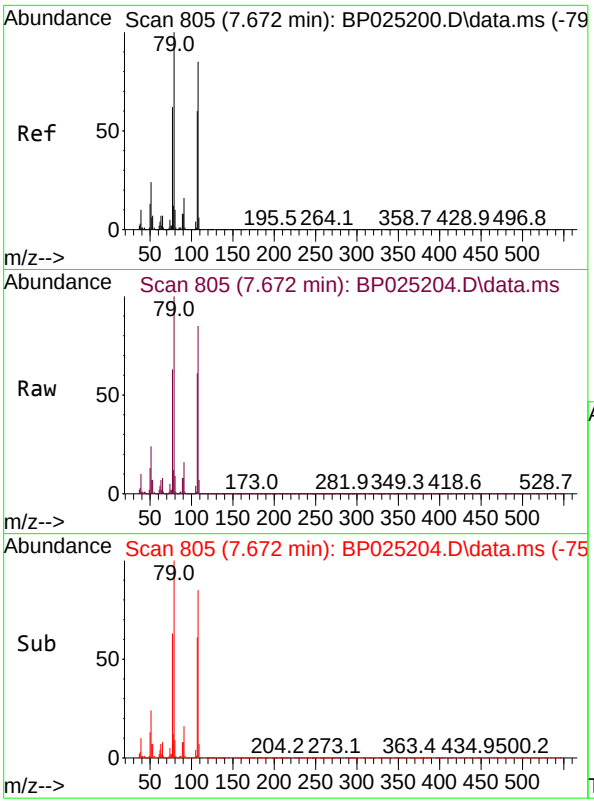


#14
1,2-Dichlorobenzene
Concen: 45.020 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1732981

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	39.6	31.3	46.9



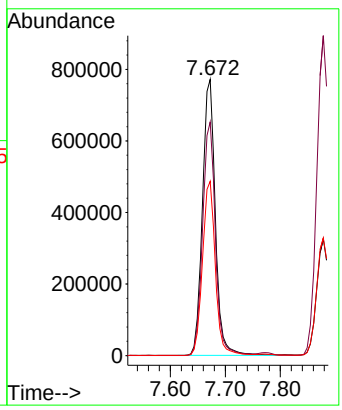


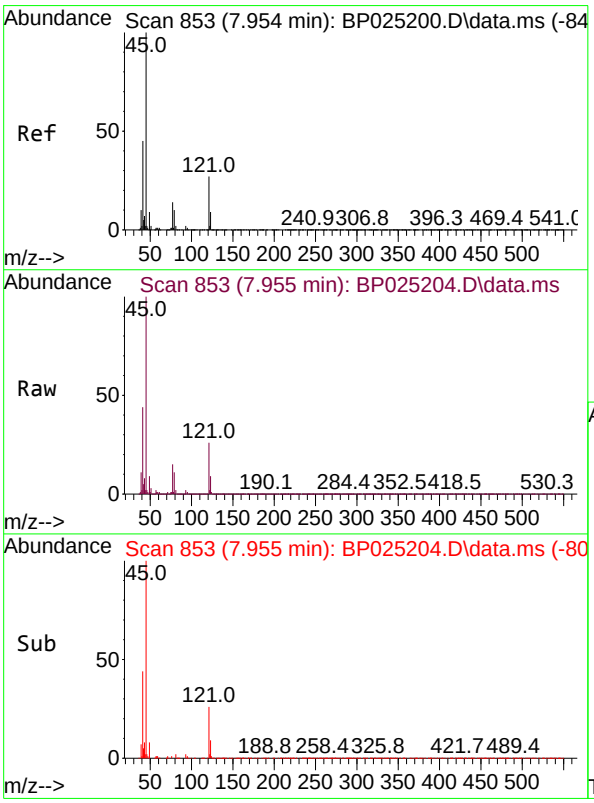
#15
Benzyl Alcohol
Concen: 45.260 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 79 Resp: 1256245

Ion	Ratio	Lower	Upper
79	100		
108	84.6	67.8	101.6
77	63.1	49.9	74.9

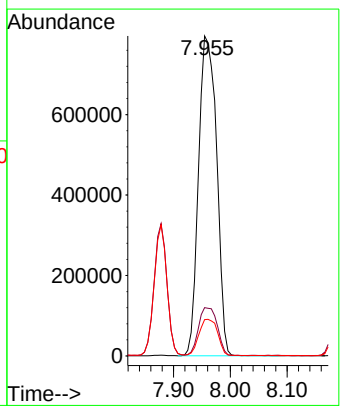


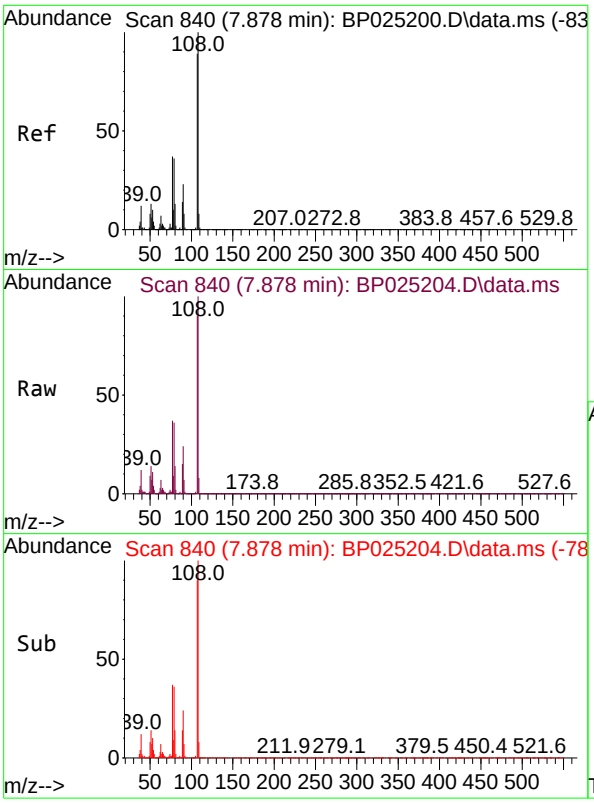


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.953 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 45 Resp: 1759704

Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	36.0
79	11.3	0.0	31.7



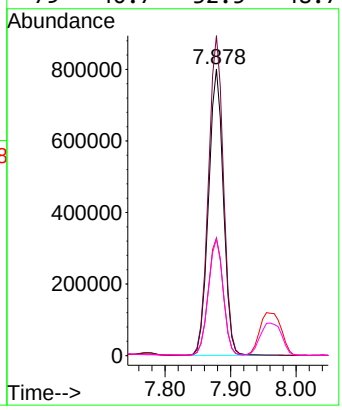


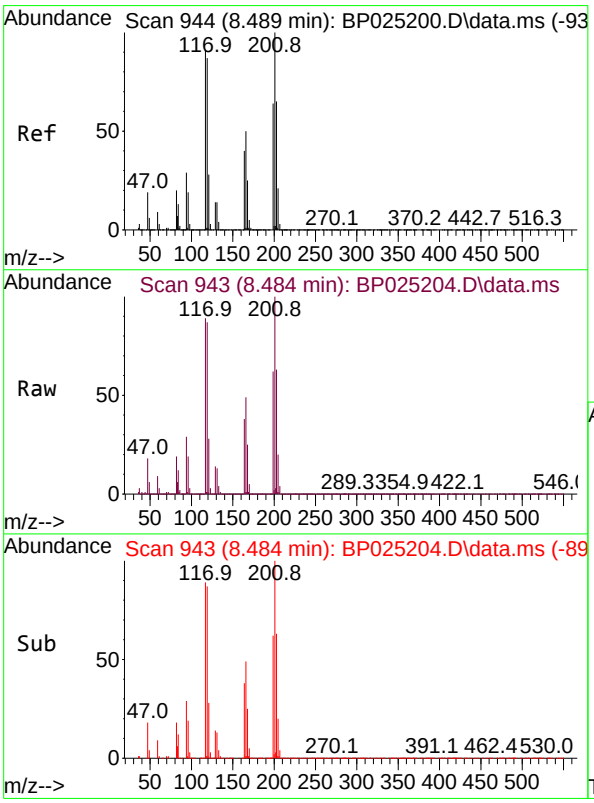
#17
2-Methylphenol
Concen: 45.385 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:107 Resp: 1255605

Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.8	134.8
77	41.0	33.2	49.8
79	40.7	32.5	48.7

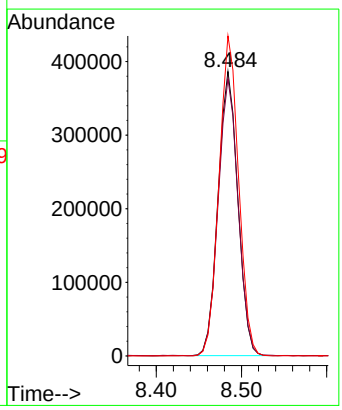


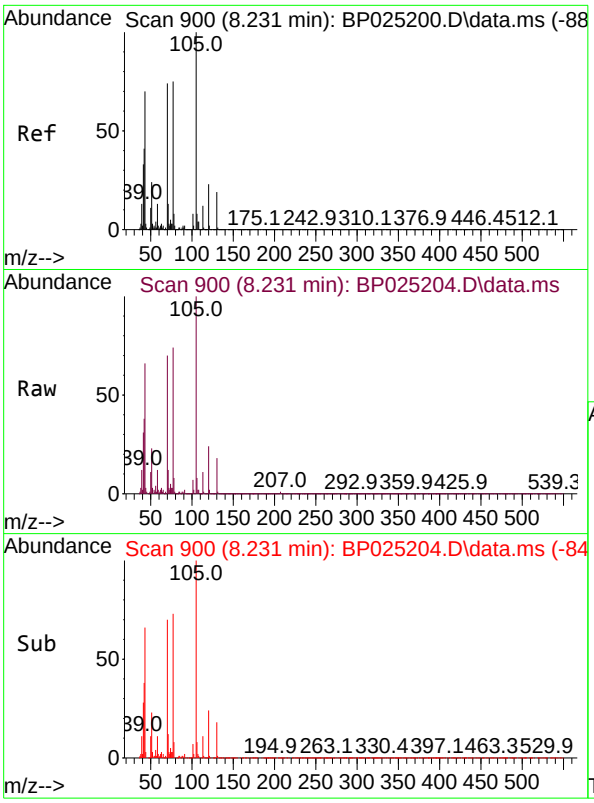


#18
Hexachloroethane
Concen: 45.213 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:117 Resp: 622156

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.6
201	112.5	88.3	132.5



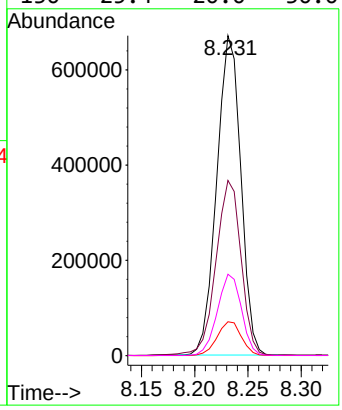


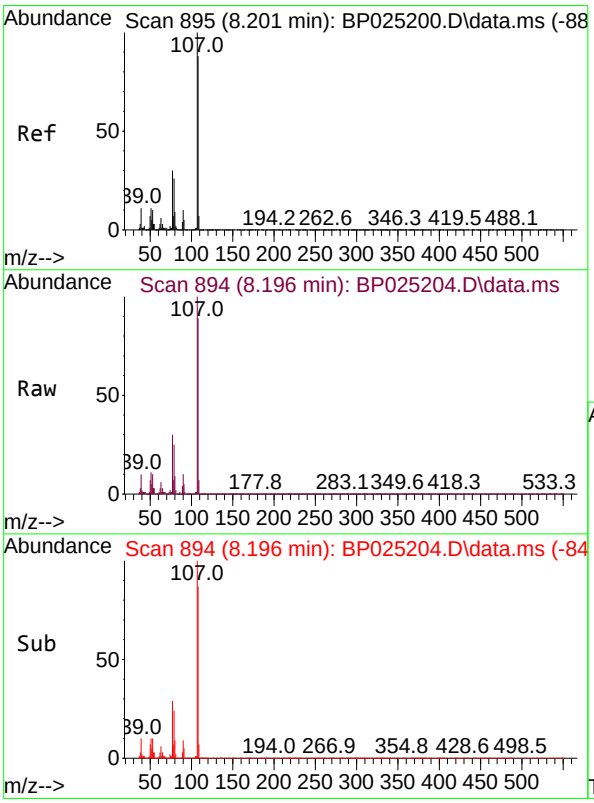
#19
n-Nitroso-di-n-propylamine
Concen: 45.622 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 70 Resp: 1056083

Ion	Ratio	Lower	Upper
70	100		
42	54.7	44.2	66.2
101	10.6	8.6	12.8
130	25.4	20.0	30.0

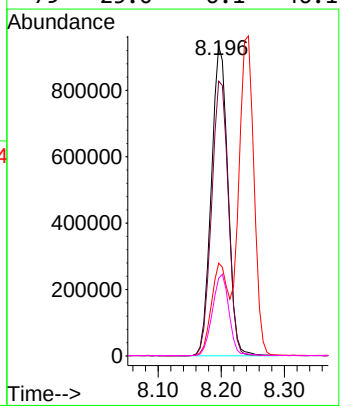


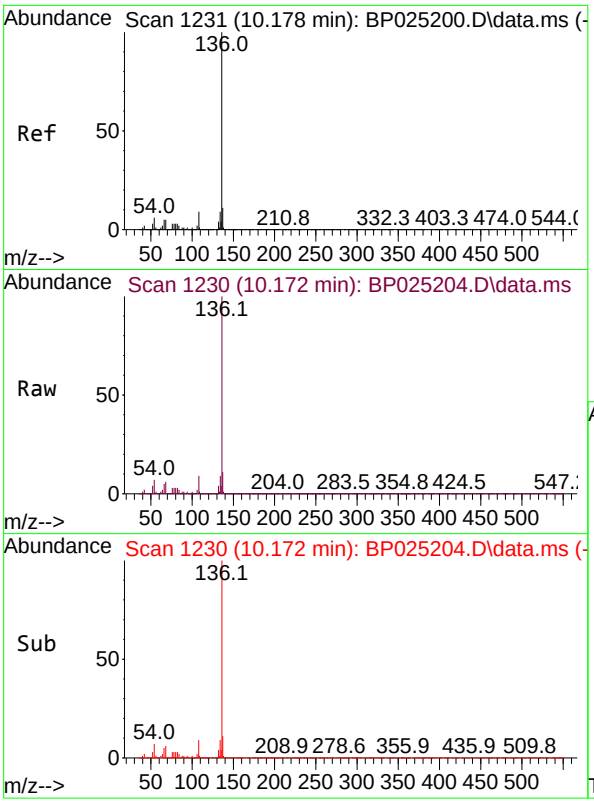


#20
3+4-Methylphenols
Concen: 45.254 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1707787

Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.8	107.8
77	29.9	10.3	50.3
79	25.0	6.1	46.1



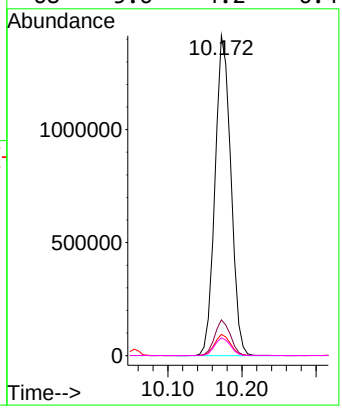


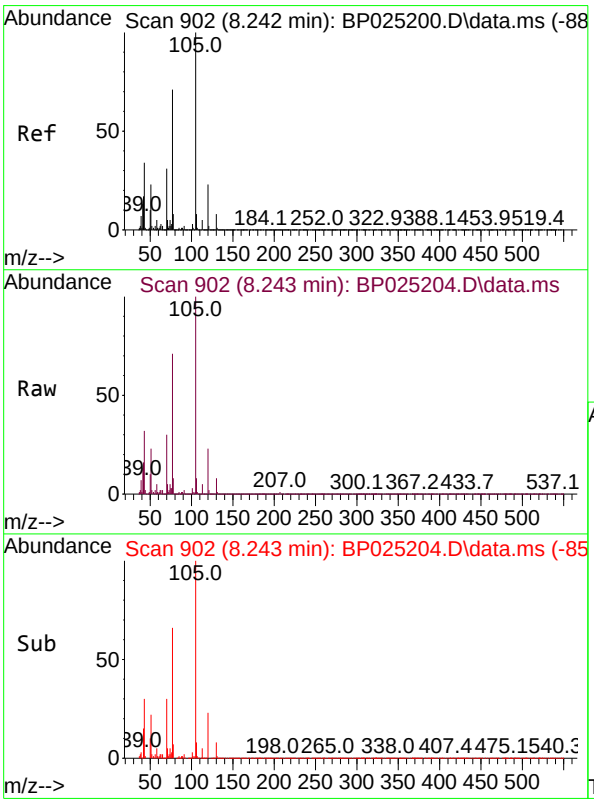
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:136 Resp: 2104576

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.6	5.1	7.7
68	5.6	4.2	6.4

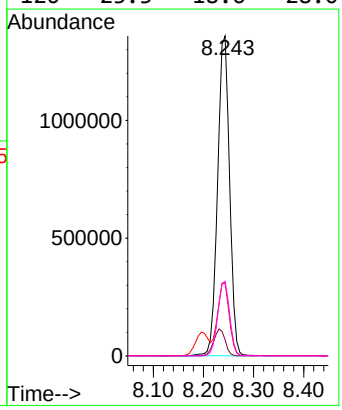


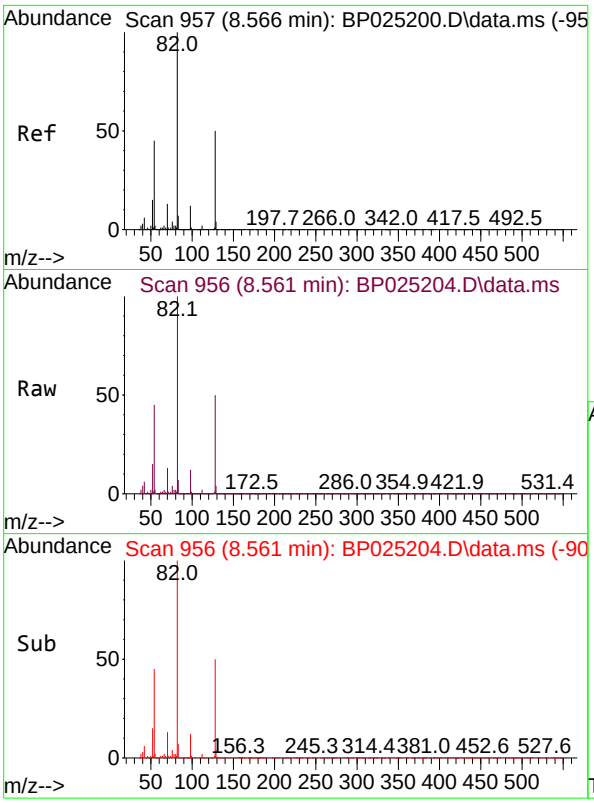


#22
Acetophenone
Concen: 46.041 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:105 Resp: 2254711

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.1	6.1
51	22.8	18.5	27.7
120	23.3	18.6	28.0



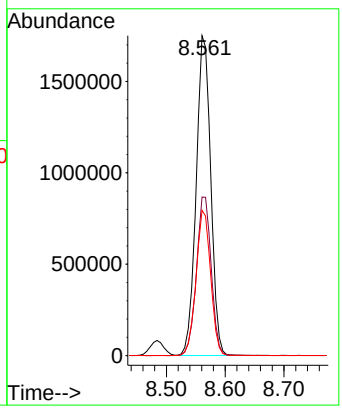


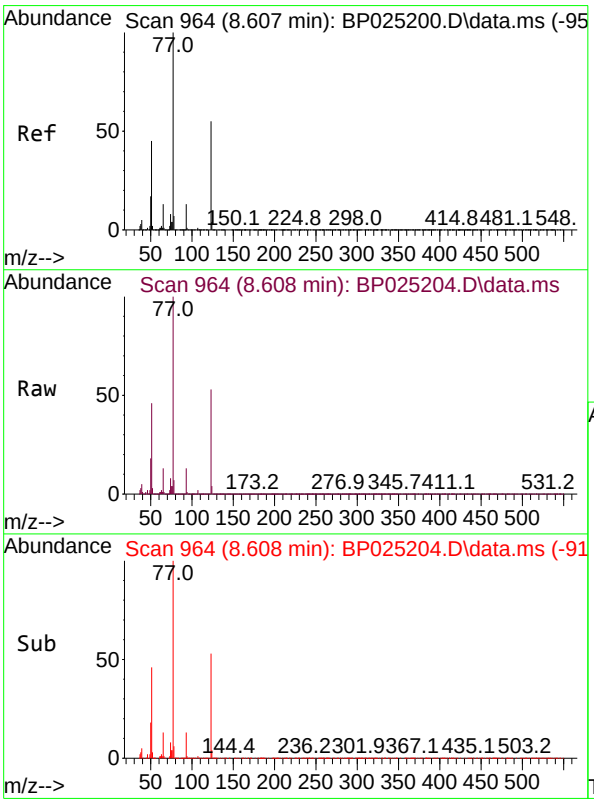
#23
Nitrobenzene-d5
Concen: 79.573 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 82 Resp: 3013470

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.2	60.4
54	45.4	36.3	54.5

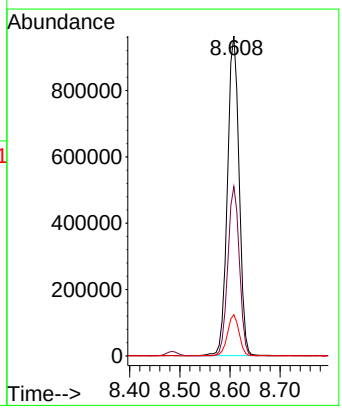


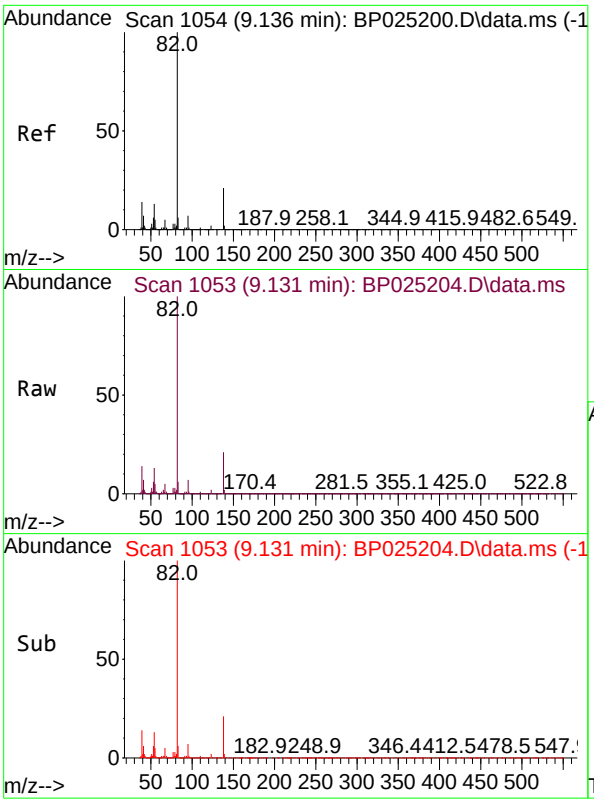


#24
Nitrobenzene
Concen: 46.187 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 1559201

Ion	Ratio	Lower	Upper
77	100		
123	52.9	43.6	65.4
65	12.9	10.2	15.2



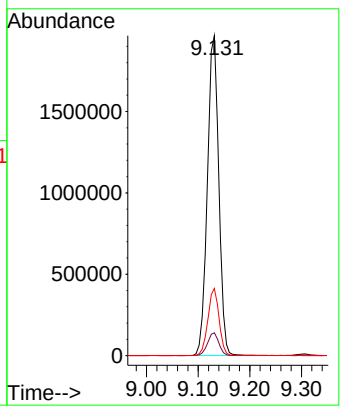


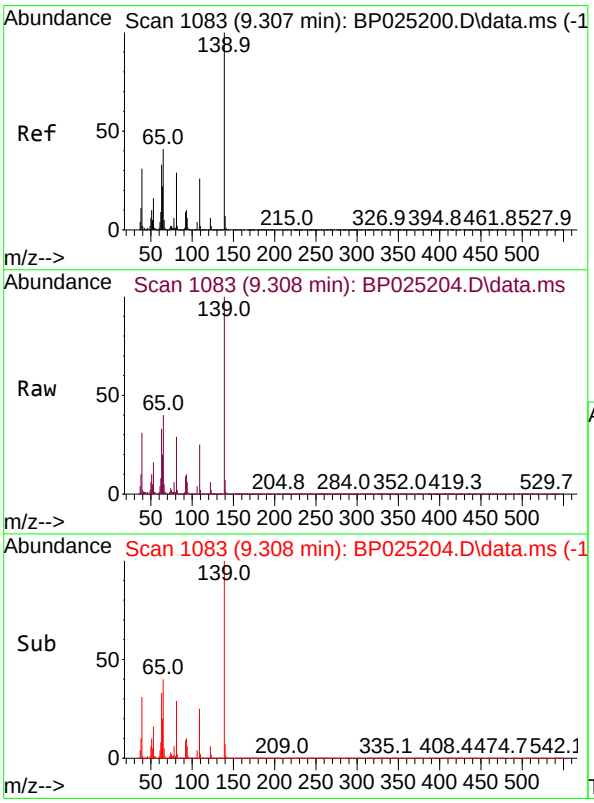
#25
Isophorone
Concen: 45.319 ng
RT: 9.131 min Scan# 10
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 82 Resp: 3018090

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	21.0	16.6	25.0

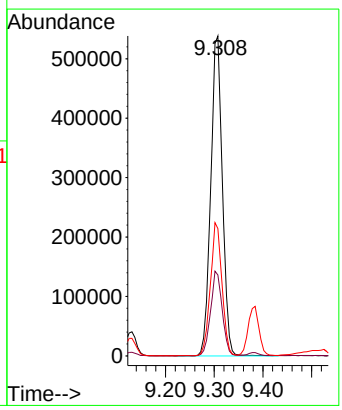


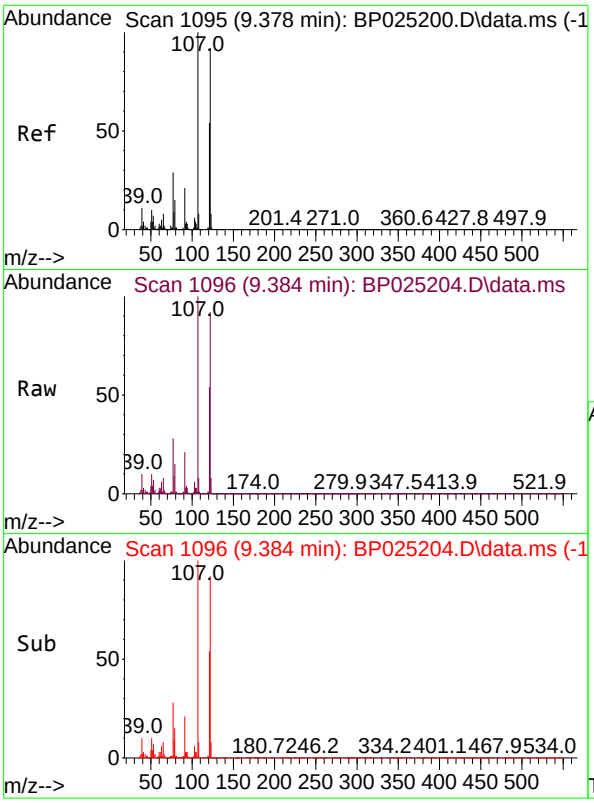


#26
2-Nitrophenol
Concen: 46.272 ng
RT: 9.308 min Scan# 1083
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 897017

Ion	Ratio	Lower	Upper
139	100		
109	25.3	21.0	31.6
65	39.8	32.7	49.1



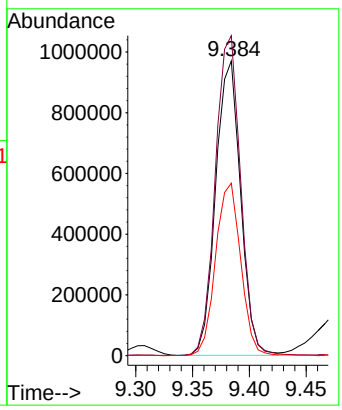


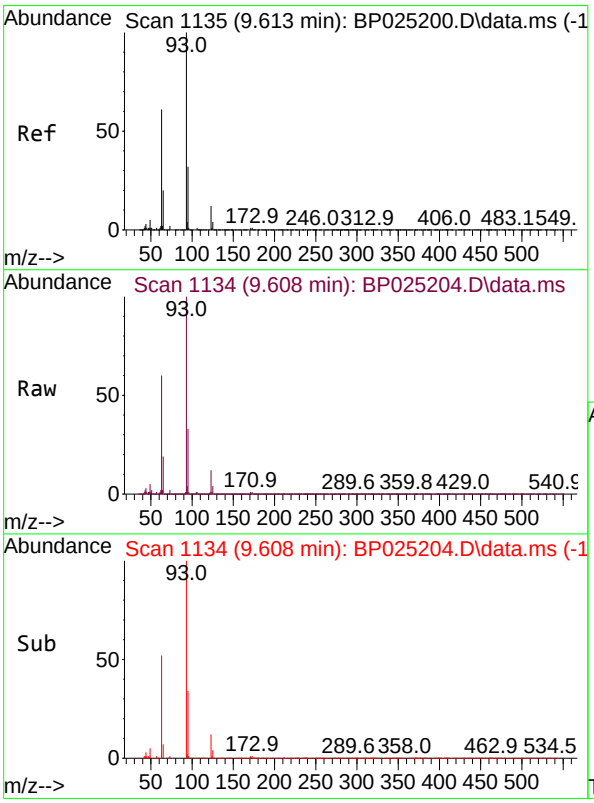
#27
2,4-Dimethylphenol
Concen: 45.737 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:122 Resp: 1483657

Ion	Ratio	Lower	Upper
122	100		
107	108.6	87.0	130.4
121	58.5	46.7	70.1

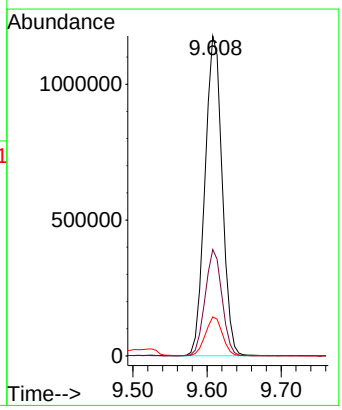


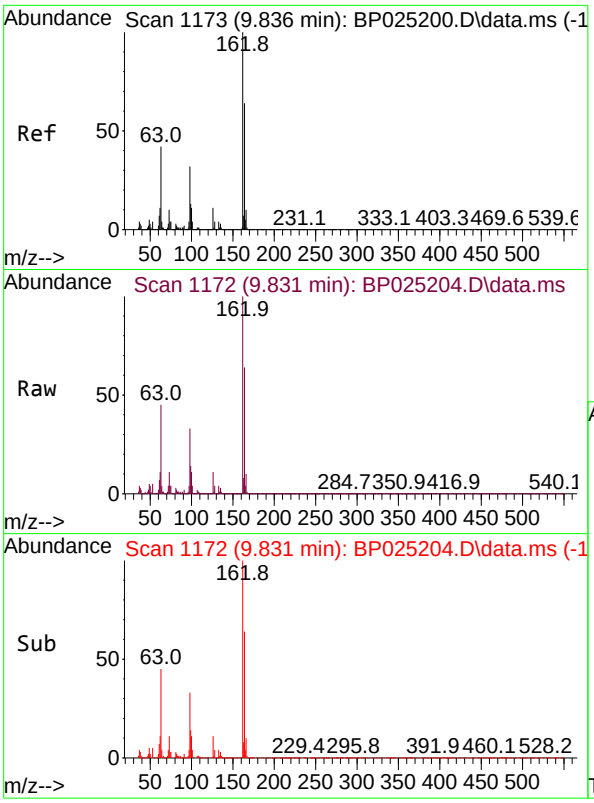


#28
bis(2-Chloroethoxy)methane
Concen: 45.503 ng
RT: 9.608 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 1895452

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	12.2	9.8	14.6



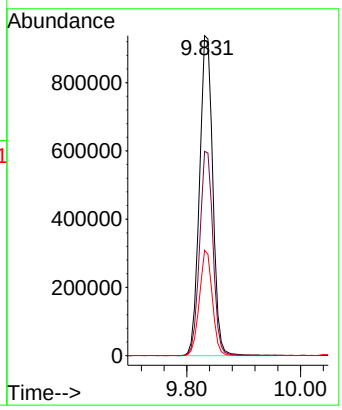


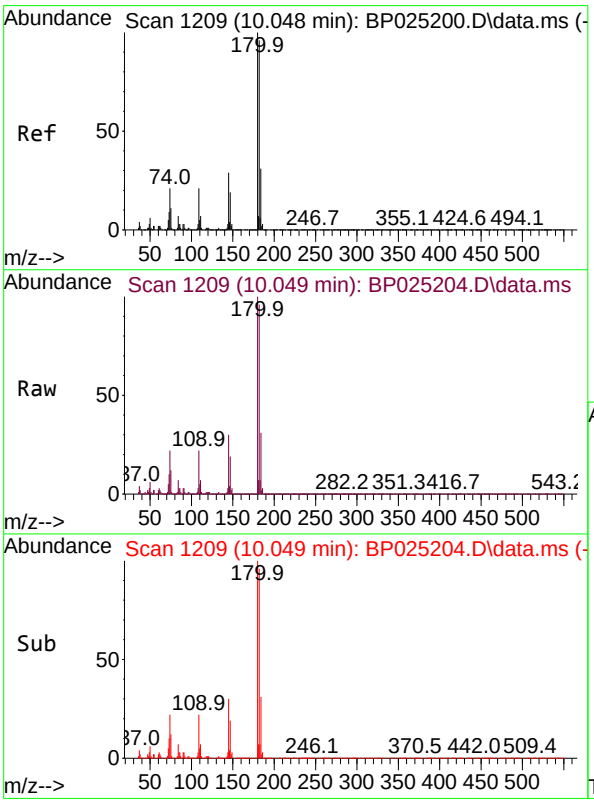
#29
2,4-Dichlorophenol
Concen: 45.622 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:162 Resp: 1520412

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.2	84.2
98	32.9	11.7	51.7

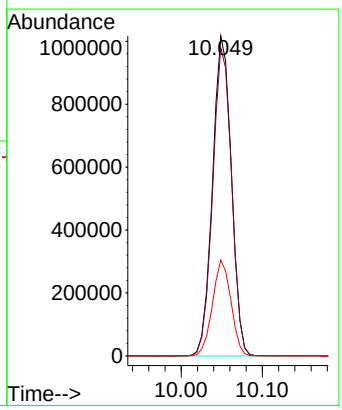


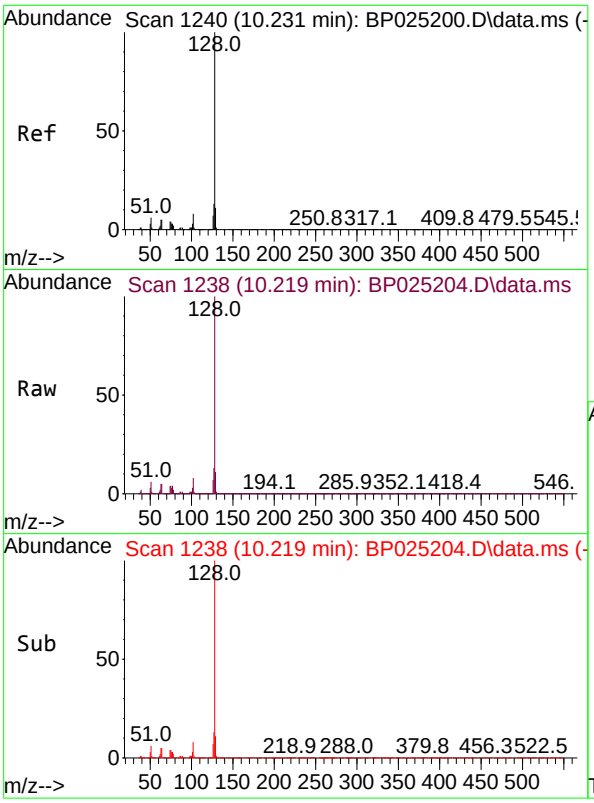


#30
1,2,4-Trichlorobenzene
Concen: 44.986 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:180 Resp: 1637469

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.7	115.1
145	29.9	23.5	35.3



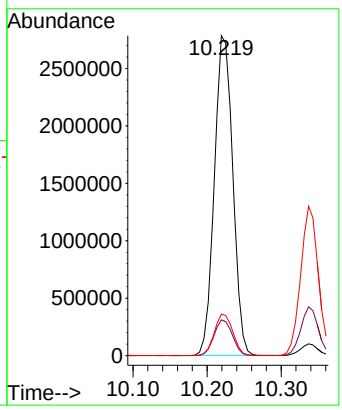


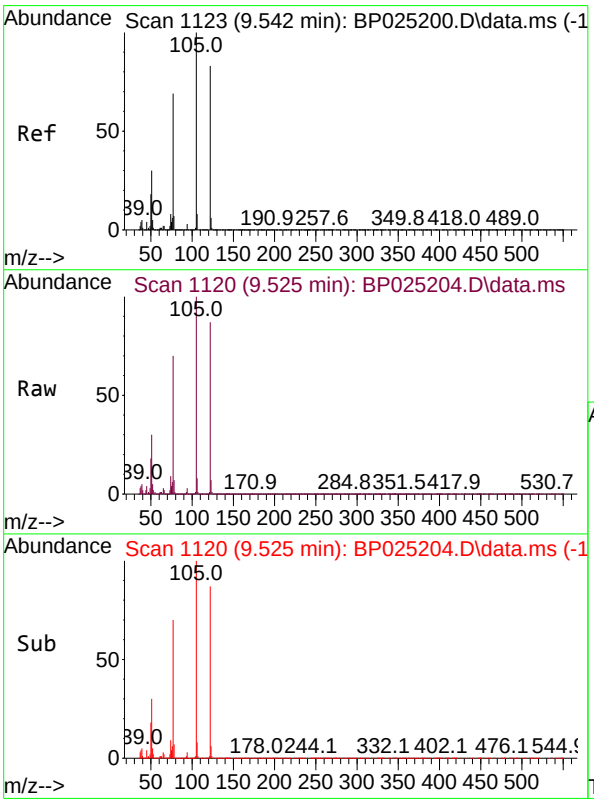
#31
Naphthalene
Concen: 44.759 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:128 Resp: 4820314

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.4	15.6

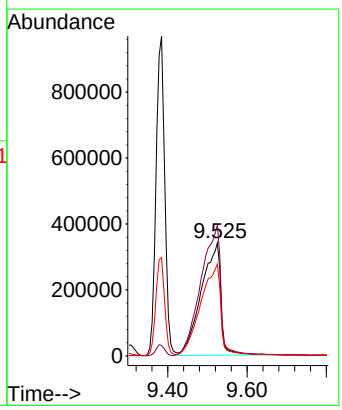


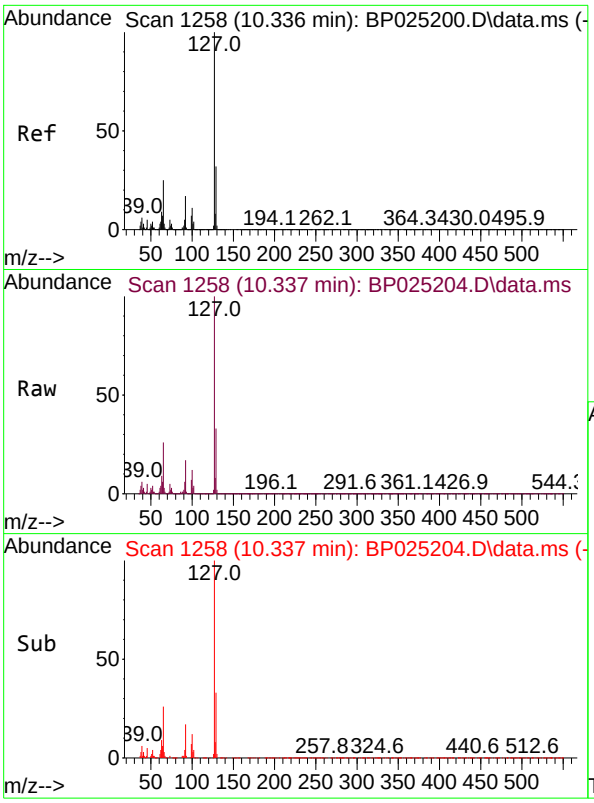


#32
Benzoic acid
Concen: 47.203 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.017 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:122 Resp: 1168950

Ion	Ratio	Lower	Upper
122	100		
105	115.6	98.1	138.1
77	81.2	62.7	102.7



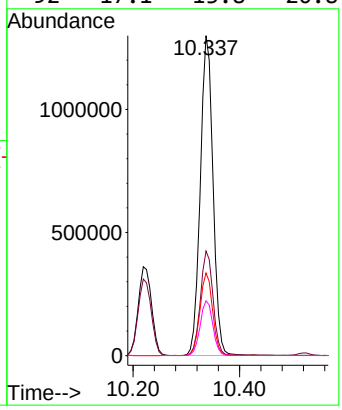


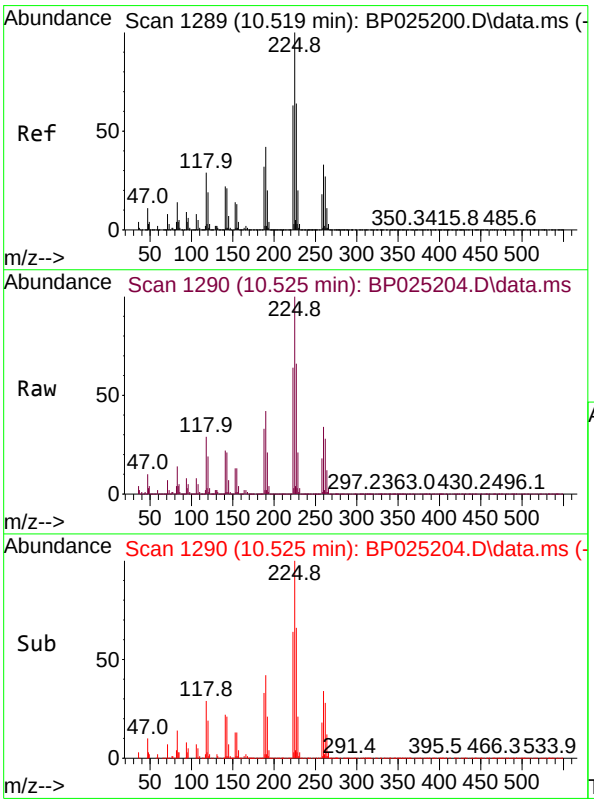
#33
4-Chloroaniline
Concen: 45.428 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:127 Resp: 2150538

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	25.8	20.2	30.4
92	17.1	13.8	20.8

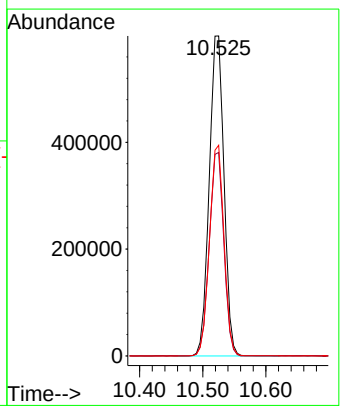


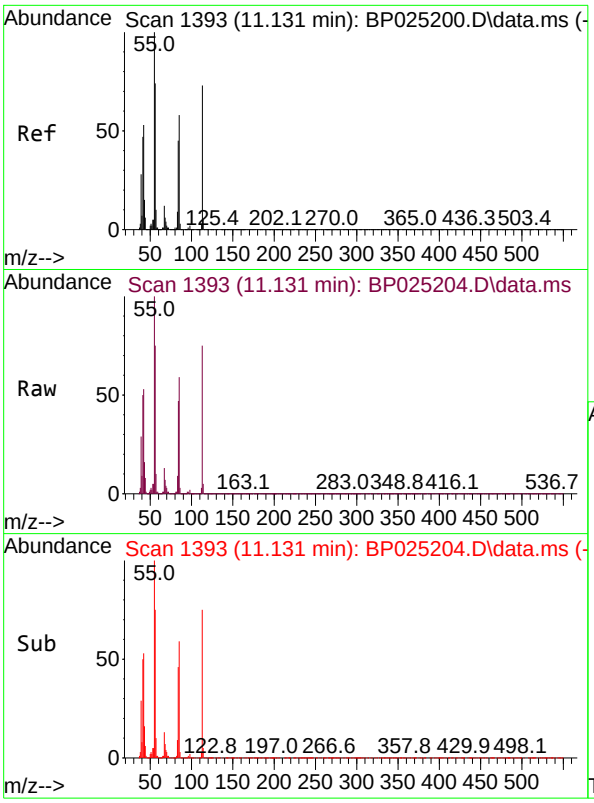


#34
Hexachlorobutadiene
Concen: 44.380 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:225 Resp: 972292

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.1	75.1
227	65.8	51.4	77.0



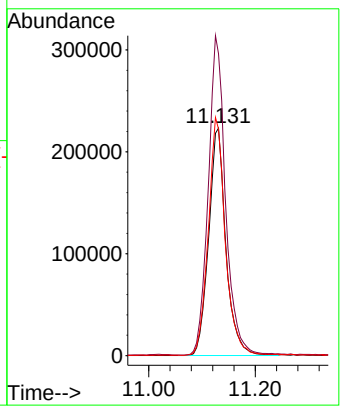


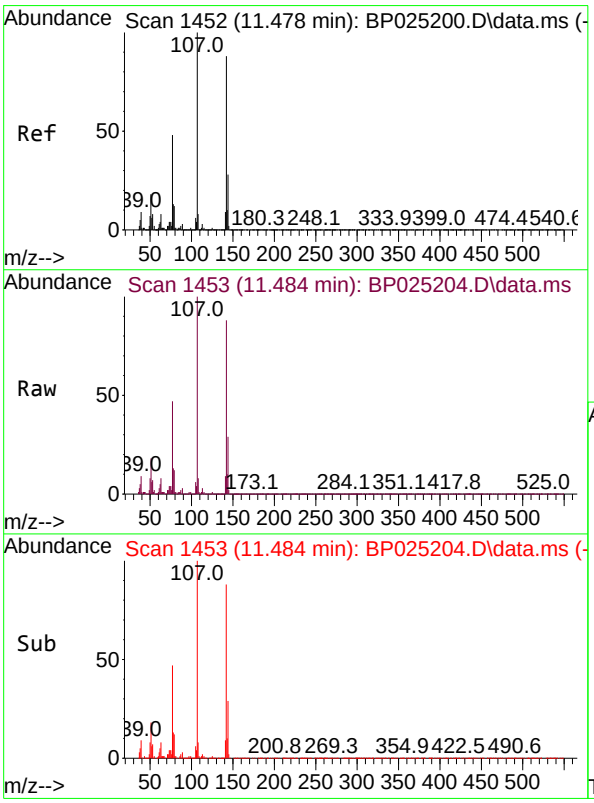
#35
Caprolactam
Concen: 45.393 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:113 Resp: 502072

Ion	Ratio	Lower	Upper
113	100		
55	132.7	117.6	157.6
56	99.6	82.4	122.4

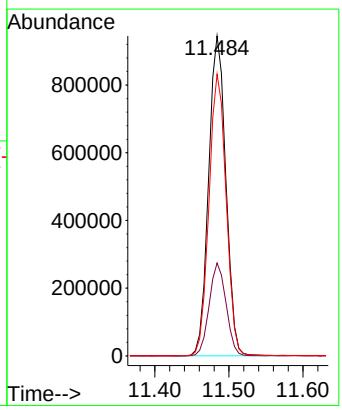


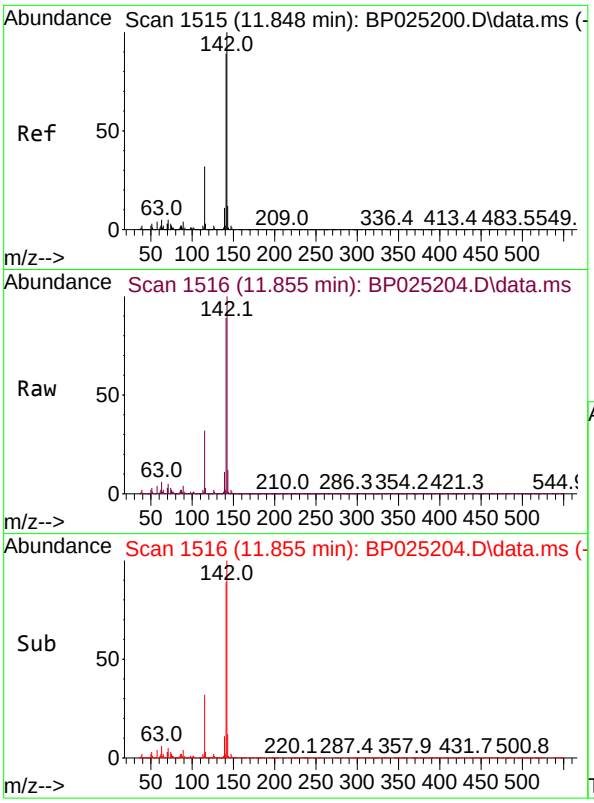


#36
4-Chloro-3-methylphenol
Concen: 45.907 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1529350

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.5	33.7
142	88.0	70.6	105.8



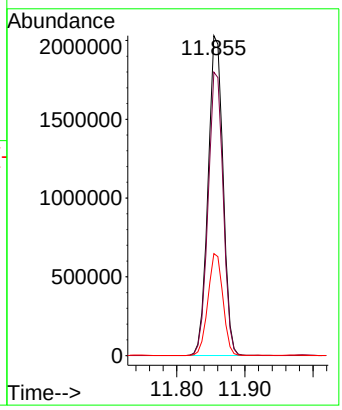


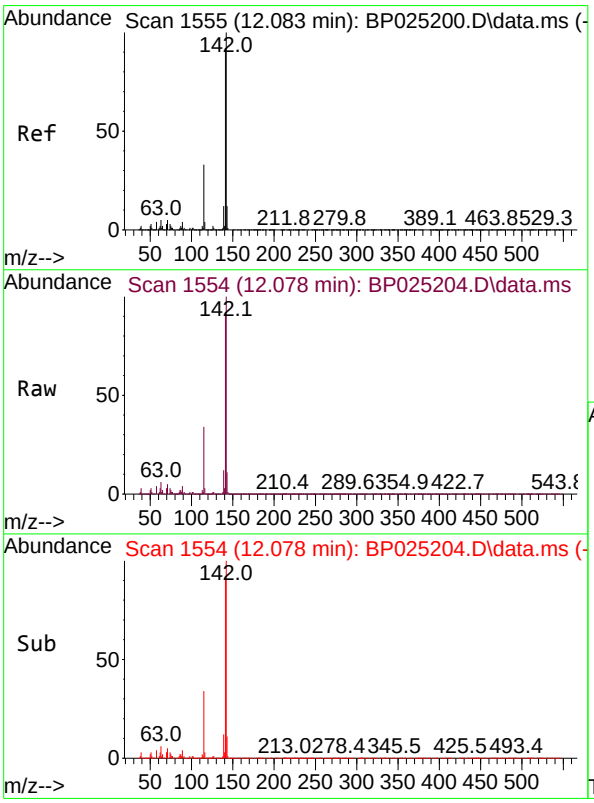
#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 11.855 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:142 Resp: 3102963

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	31.9	25.3	37.9

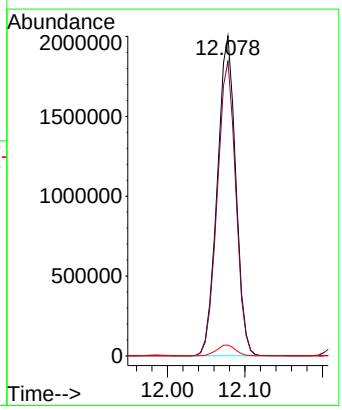


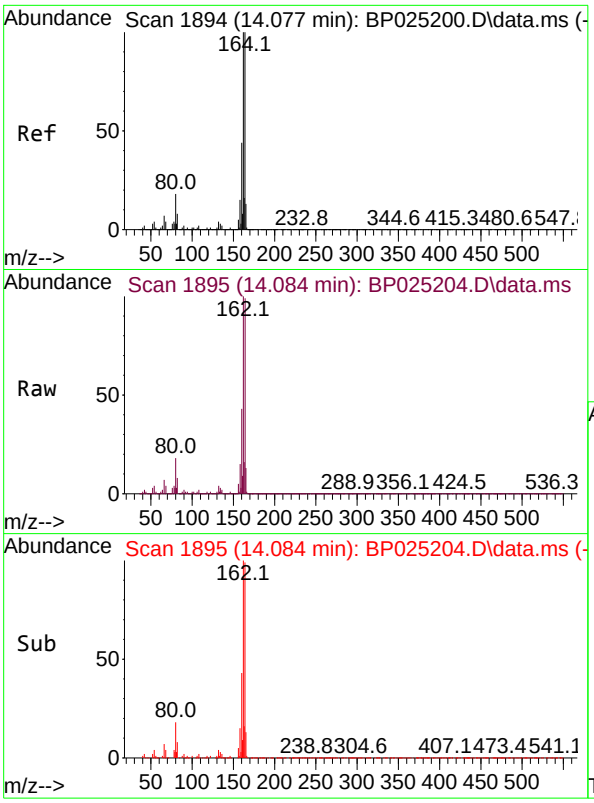


#38
1-Methylnaphthalene
Concen: 45.095 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:142 Resp: 3312609

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.8
116	3.4	2.8	4.2



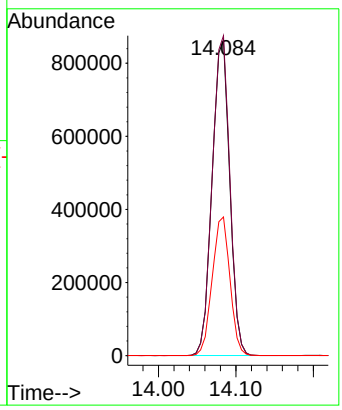


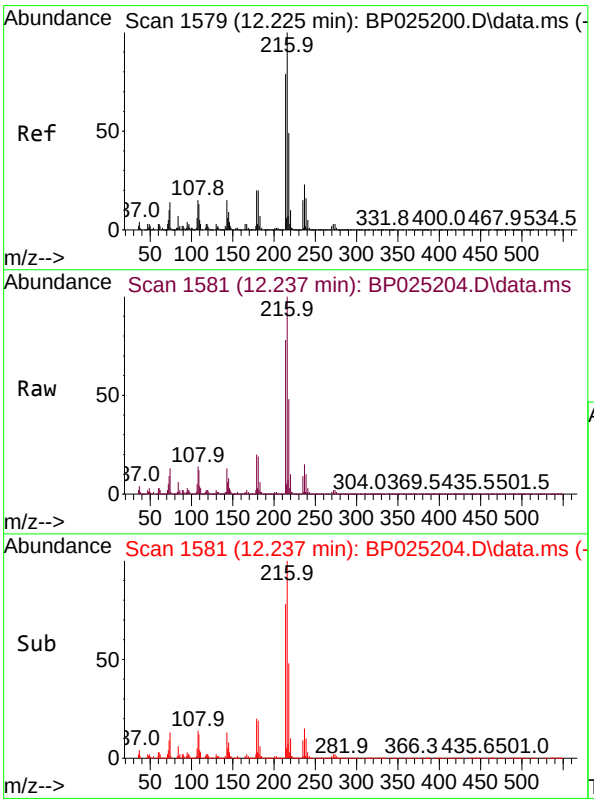
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:164 Resp: 1362526

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	43.9	35.7	53.5

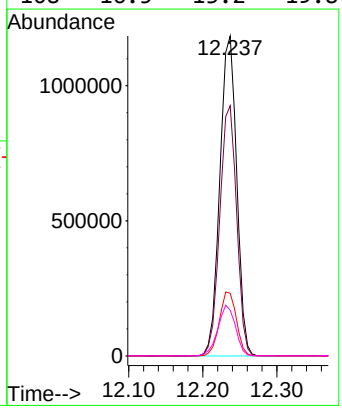


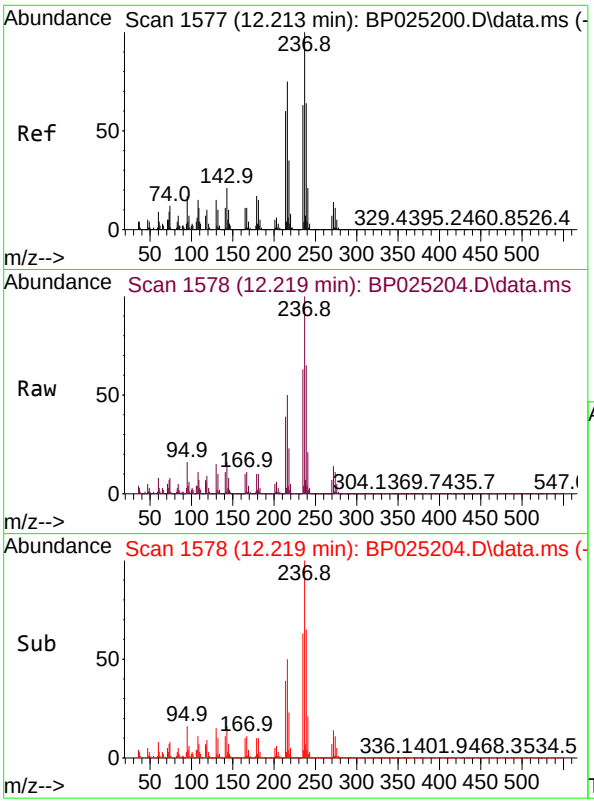


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.726 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:216 Resp: 1867529

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.7	94.1
179	20.2	16.2	24.4
108	16.5	13.2	19.8



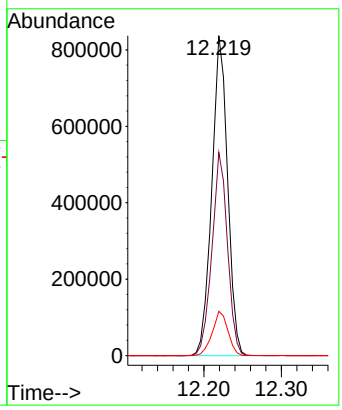


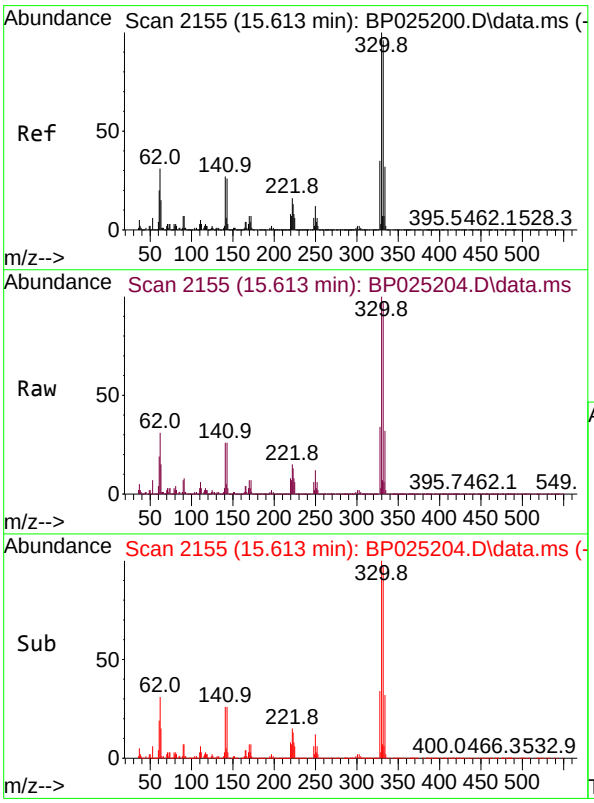
#41
Hexachlorocyclopentadiene
Concen: 48.517 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:237 Resp: 1182850

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.7	82.7
272	13.8	0.0	33.6

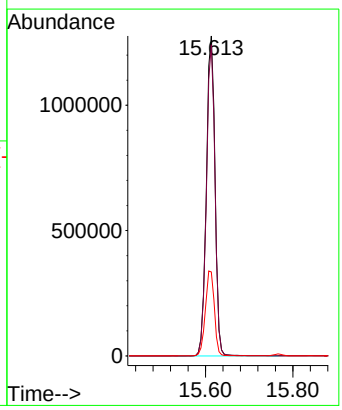


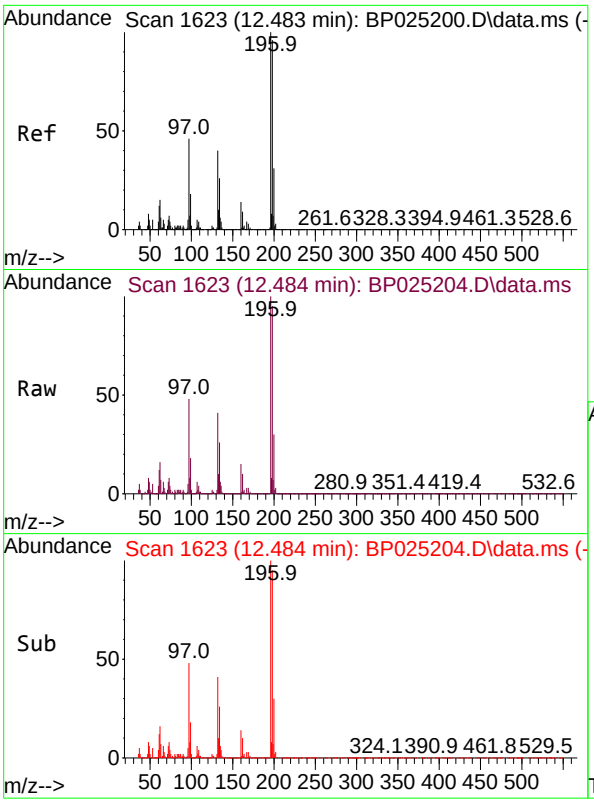


#42
2,4,6-Tribromophenol
Concen: 86.546 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:330 Resp: 1738413

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	27.5	22.4	33.6



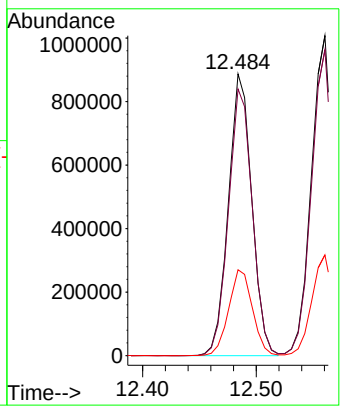


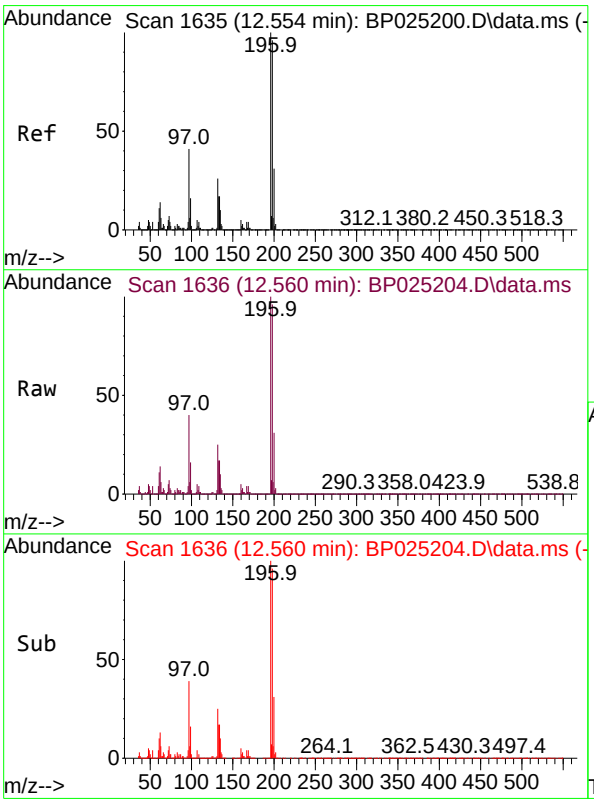
#43
2,4,6-Trichlorophenol
Concen: 45.567 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:196 Resp: 1271588

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.6	114.8
200	30.5	24.7	37.1

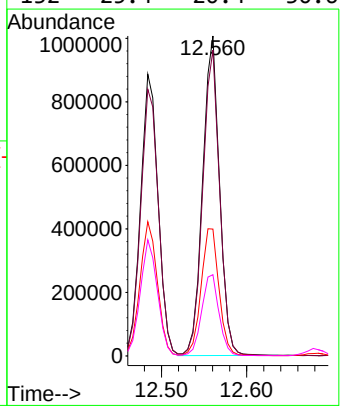


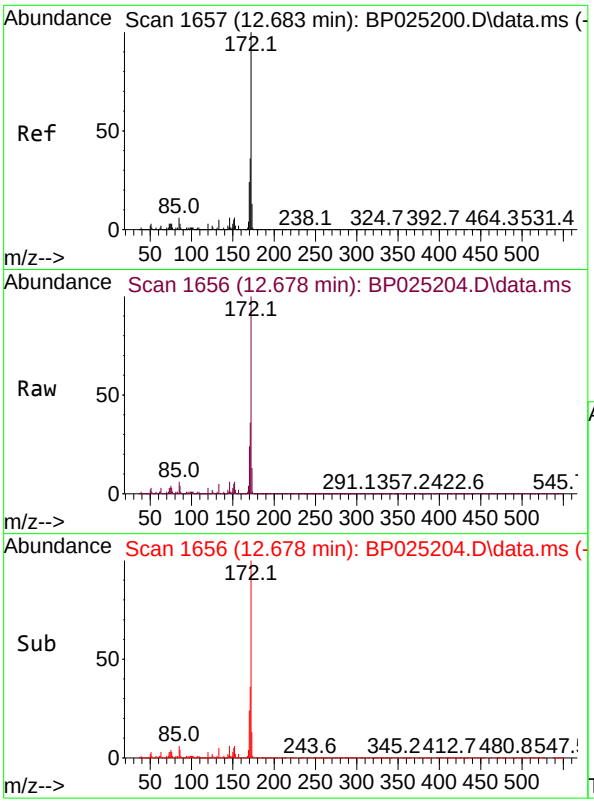


#44
2,4,5-Trichlorophenol
Concen: 45.080 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:196 Resp: 1384362

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.7	115.1
97	39.6	33.0	49.4
132	25.4	20.4	30.6



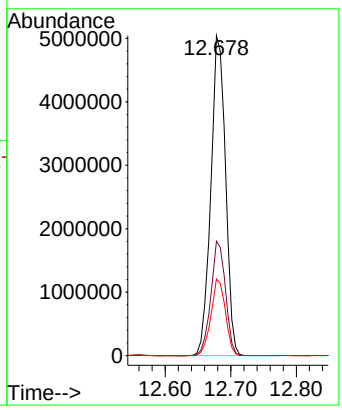


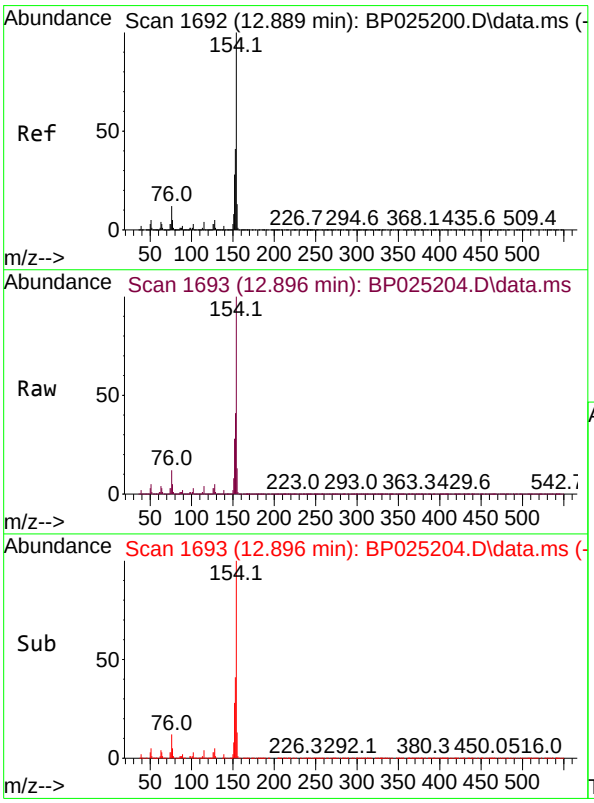
#45
2-Fluorobiphenyl
Concen: 81.308 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:172 Resp: 7858078

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.9	19.2	28.8

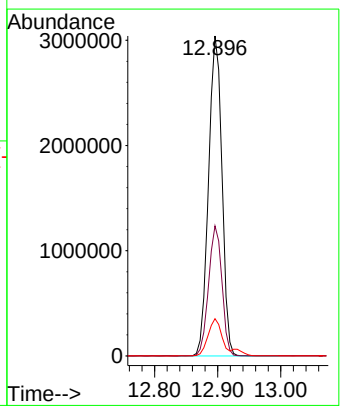


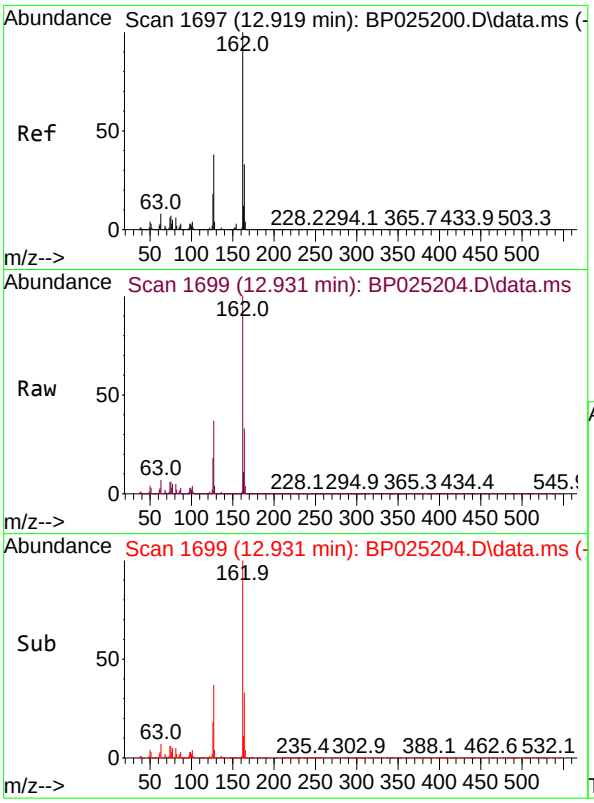


#46
1,1'-Biphenyl
Concen: 45.416 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 4485894

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	11.6	0.0	31.6



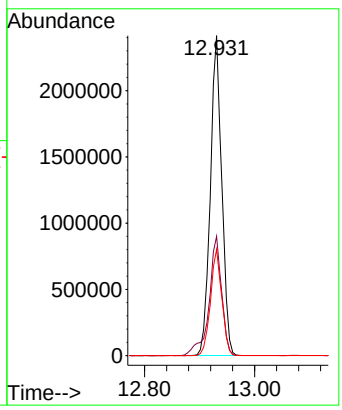


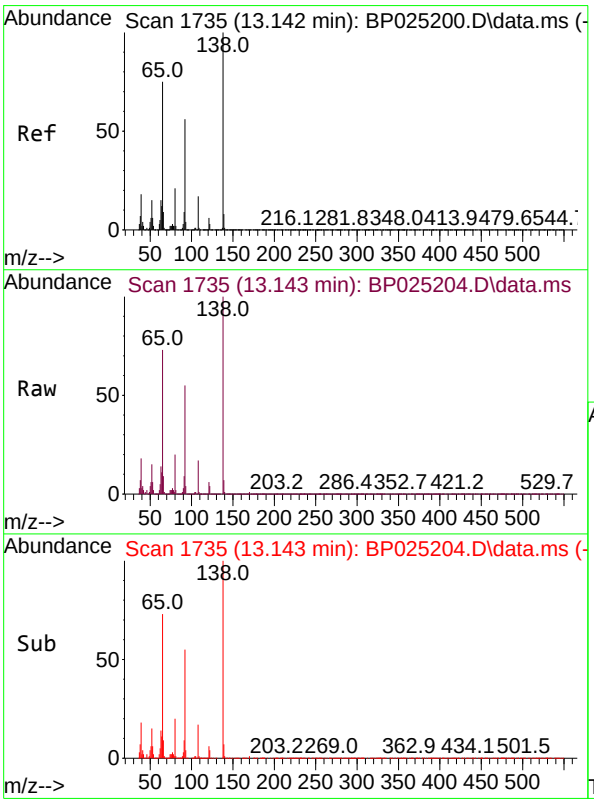
#47
2-Chloronaphthalene
Concen: 45.062 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:162 Resp: 3474901

Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.1	45.1
164	33.2	26.5	39.7

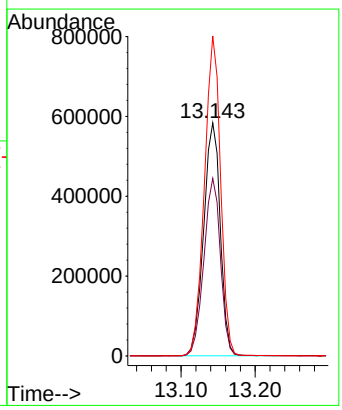


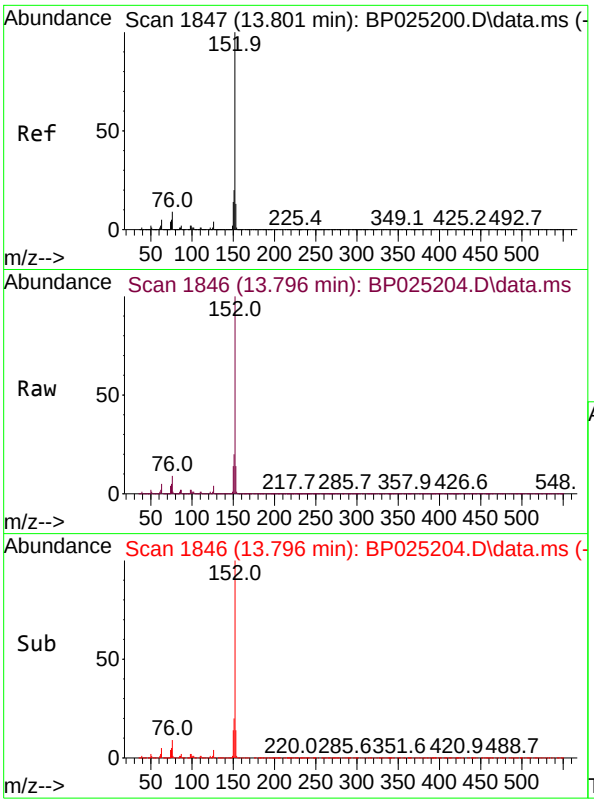


#48
2-Nitroaniline
Concen: 46.176 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 65 Resp: 909354

Ion	Ratio	Lower	Upper
65	100		
92	76.2	59.9	89.9
138	137.3	107.1	160.7



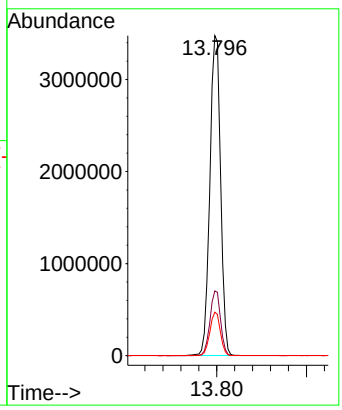


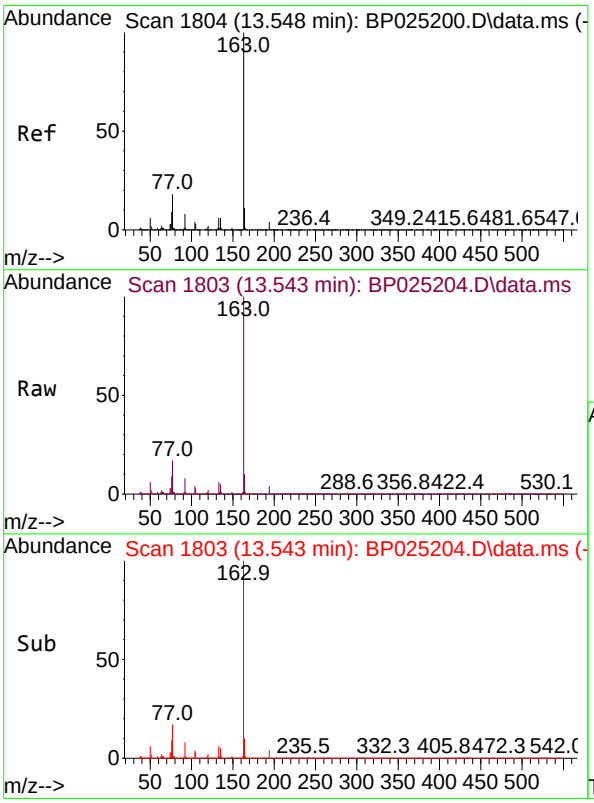
#49
Acenaphthylene
Concen: 46.141 ng
RT: 13.796 min Scan# 18
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:152 Resp: 5754979

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.6	10.6	15.8

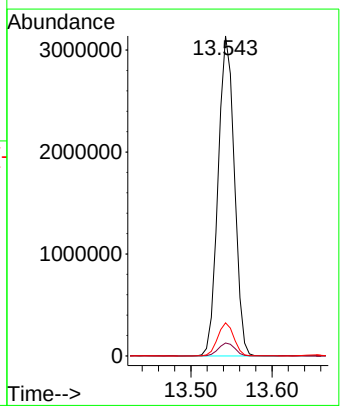


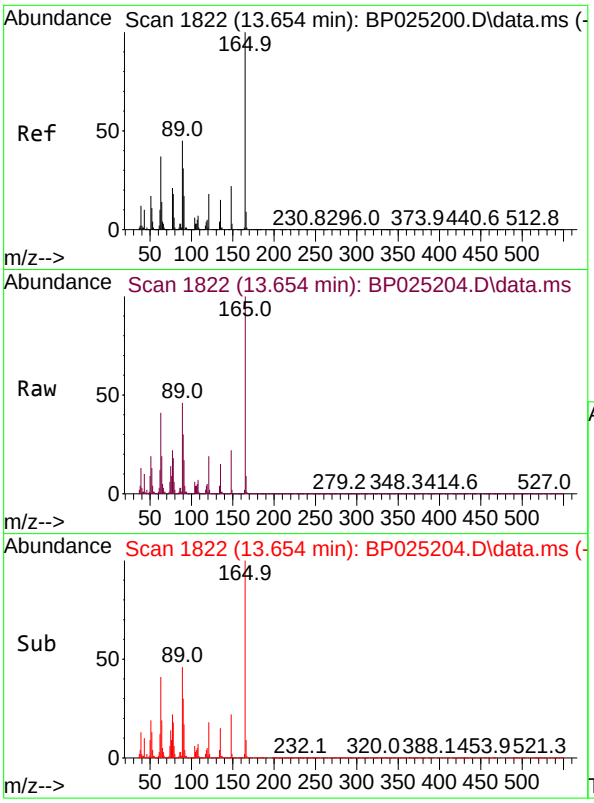


#50
Dimethylphthalate
Concen: 44.753 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:163 Resp: 4360923

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7



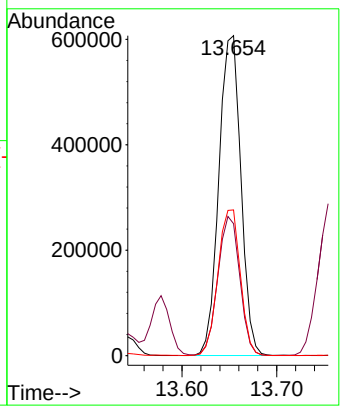


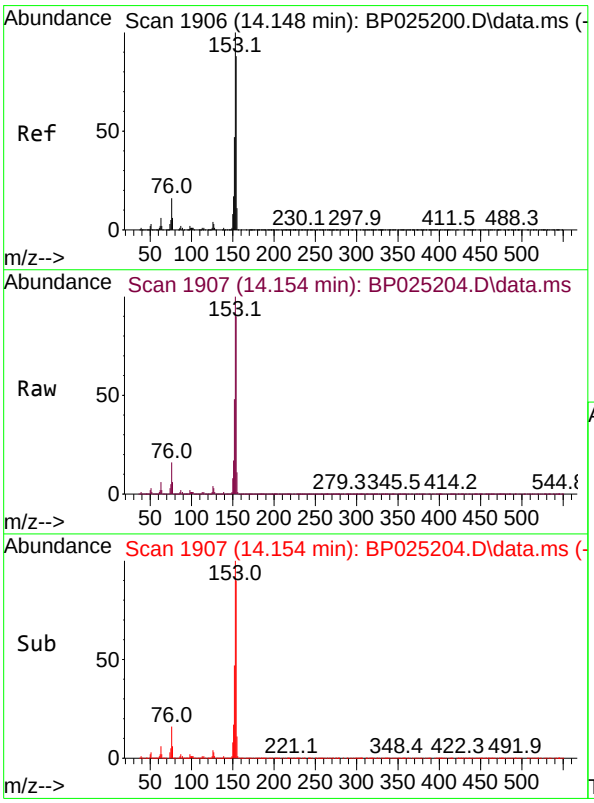
#51
2,6-Dinitrotoluene
Concen: 46.230 ng
RT: 13.654 min Scan# 18
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:165 Resp: 978826

Ion	Ratio	Lower	Upper
165	100		
63	41.2	33.4	50.2
89	45.5	36.3	54.5

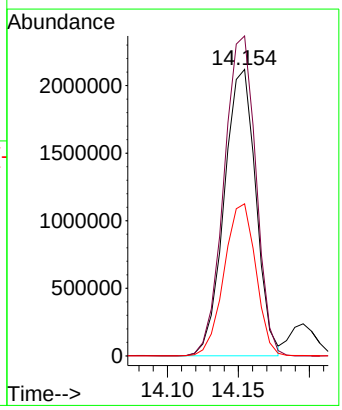


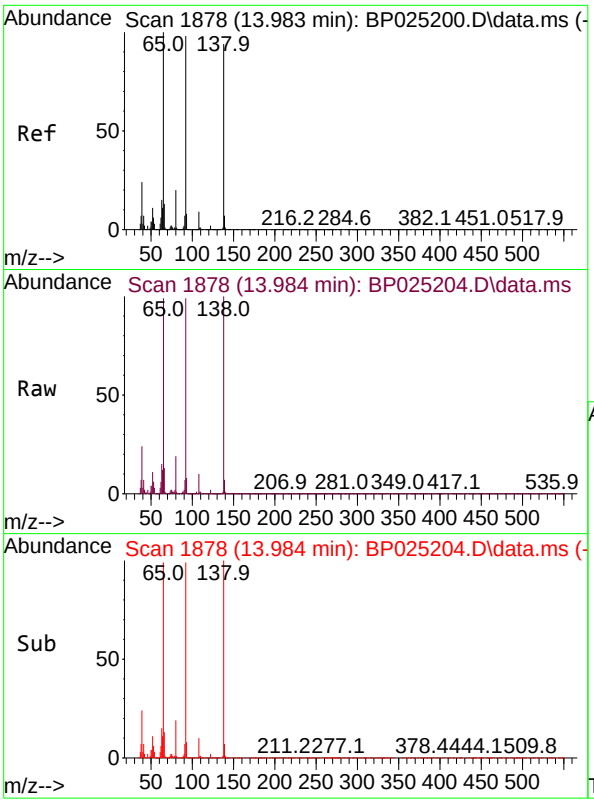


#52
Acenaphthene
Concen: 45.507 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 3282137

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.7	136.1
152	53.1	42.9	64.3



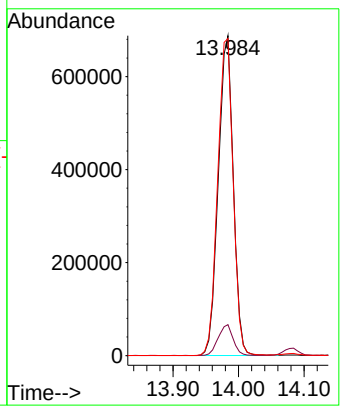


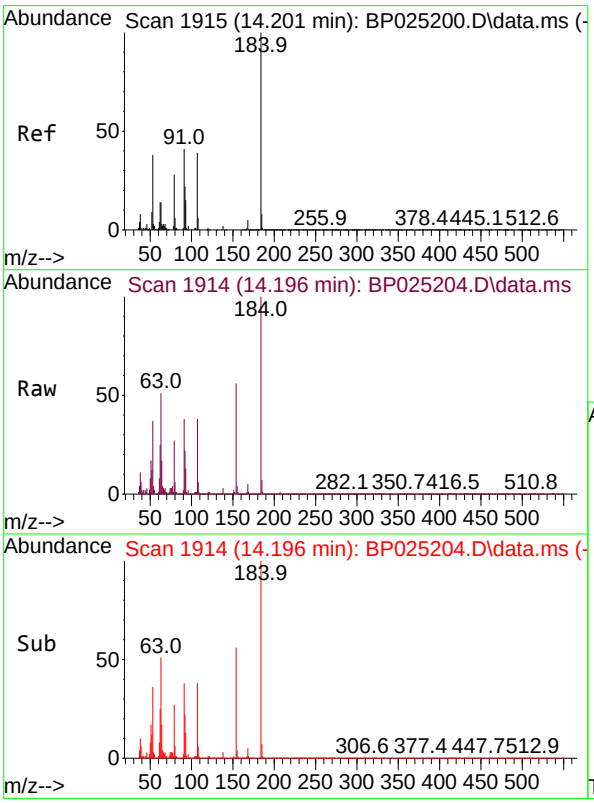
#53
3-Nitroaniline
Concen: 45.931 ng
RT: 13.984 min Scan# 18
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:138 Resp: 1096681

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.5	11.3
92	99.1	83.2	124.8

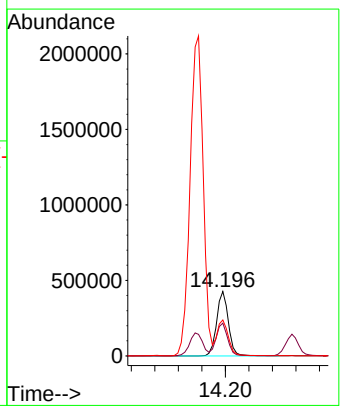


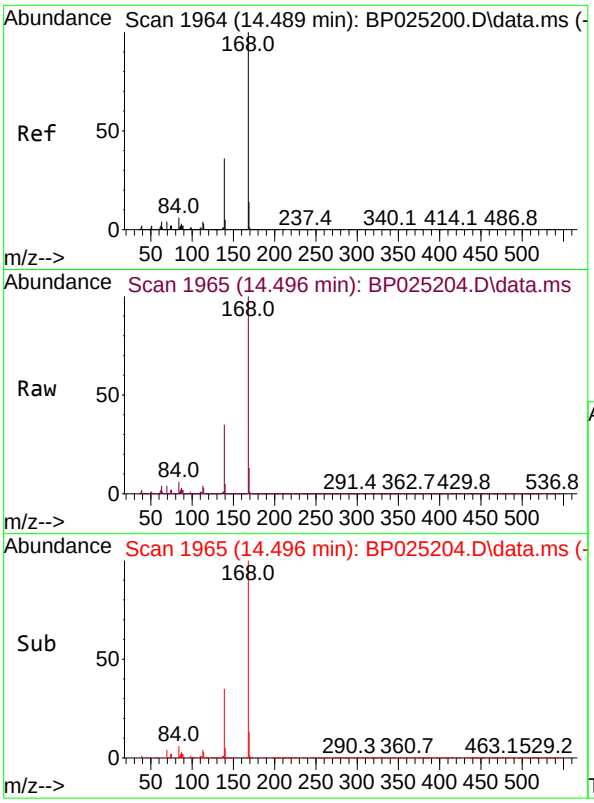


#54
2,4-Dinitrophenol
Concen: 46.791 ng
RT: 14.196 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:184 Resp: 586989

Ion	Ratio	Lower	Upper
184	100		
63	50.9	41.8	62.8
154	55.7	45.7	68.5



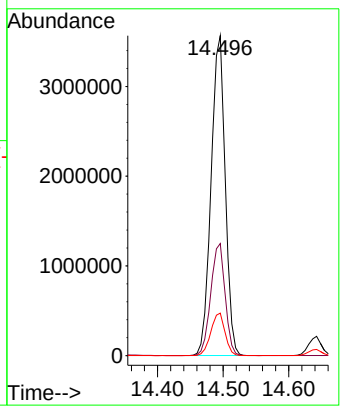


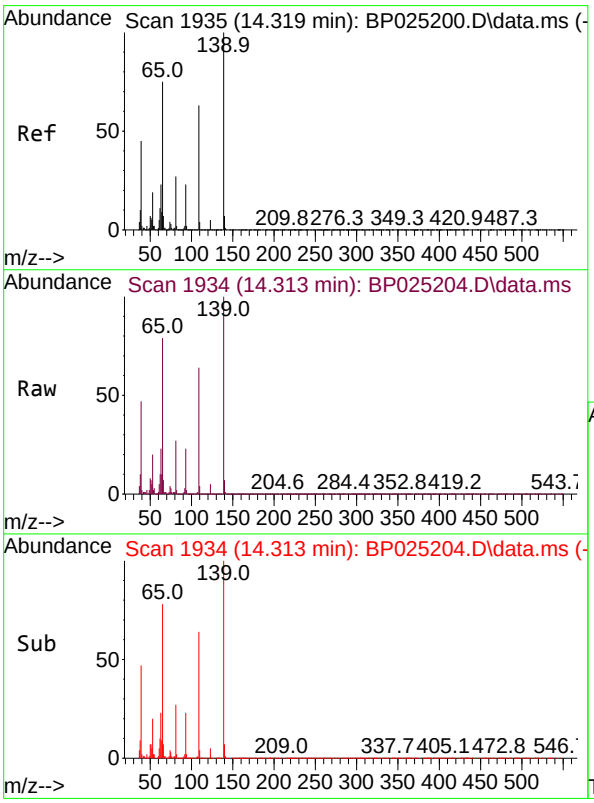
#55
Dibenzofuran
Concen: 45.869 ng
RT: 14.496 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:168 Resp: 5343820

Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.7	43.1
169	13.3	10.9	16.3

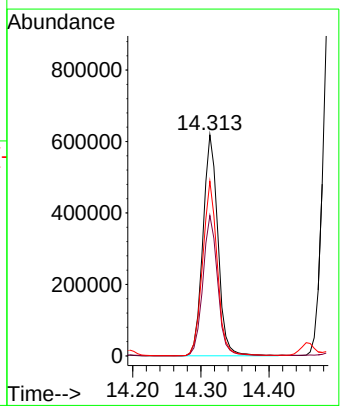


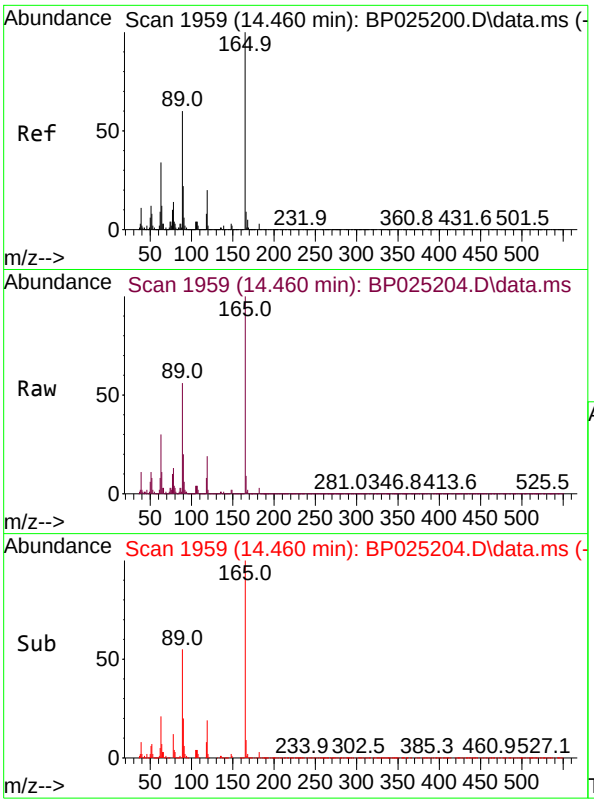


#56
4-Nitrophenol
Concen: 46.237 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 944675

Ion	Ratio	Lower	Upper
139	100		
109	63.5	42.6	82.6
65	79.0	55.4	95.4



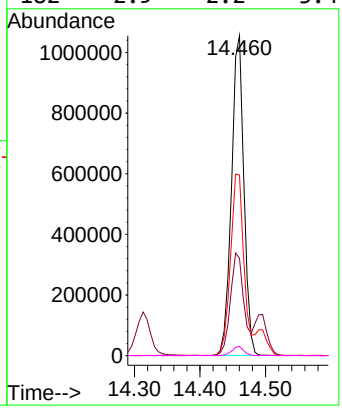


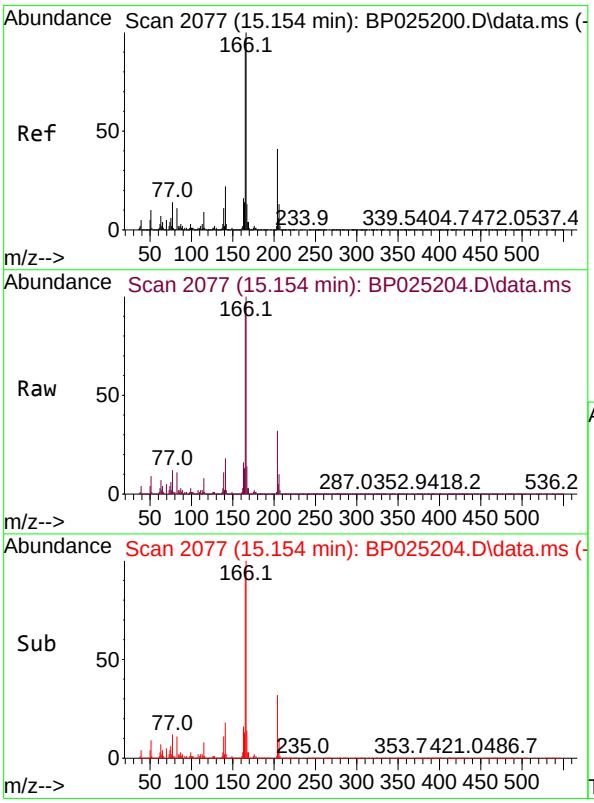
#57
2,4-Dinitrotoluene
Concen: 46.930 ng
RT: 14.460 min Scan# 19
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:165 Resp: 1390893

Ion	Ratio	Lower	Upper
165	100		
63	30.4	27.0	40.4
89	56.4	47.8	71.6
182	2.9	2.2	3.4

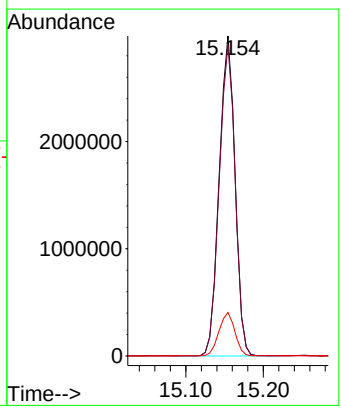


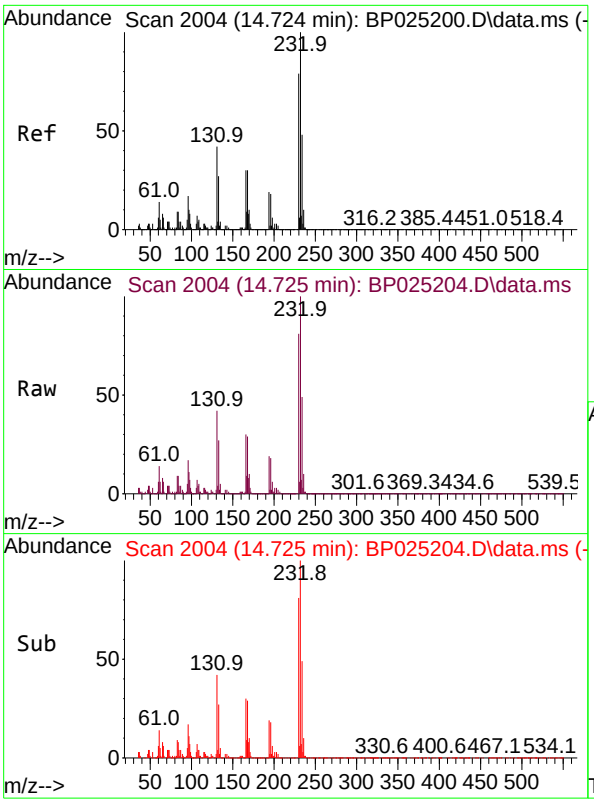


#58
Fluorene
Concen: 45.851 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:166 Resp: 4240752

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.0	117.0
167	13.6	10.7	16.1



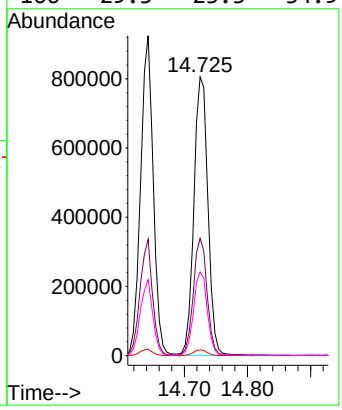


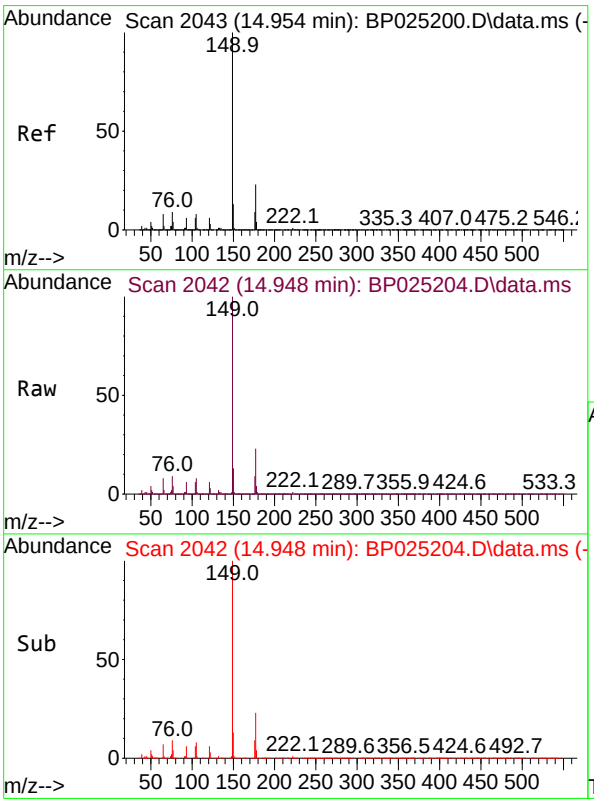
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.744 ng
RT: 14.725 min Scan# 20
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:232 Resp: 1243197

Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.6	48.8
130	2.1	1.6	2.4
166	29.3	23.3	34.9

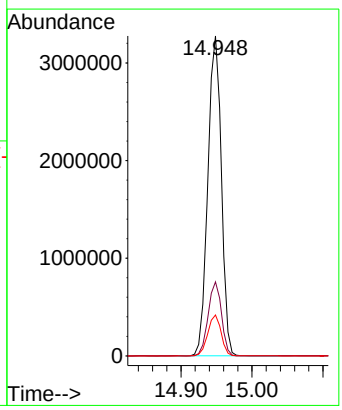


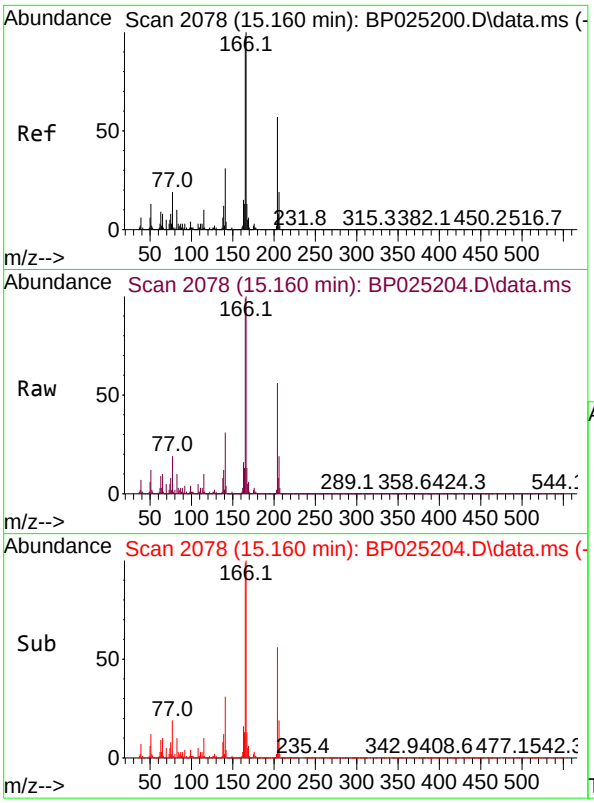


#60
Diethylphthalate
Concen: 44.844 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 4306867

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	12.8	10.0	15.0



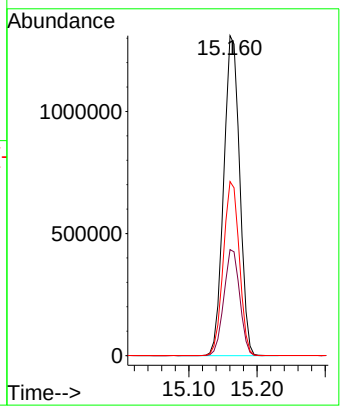


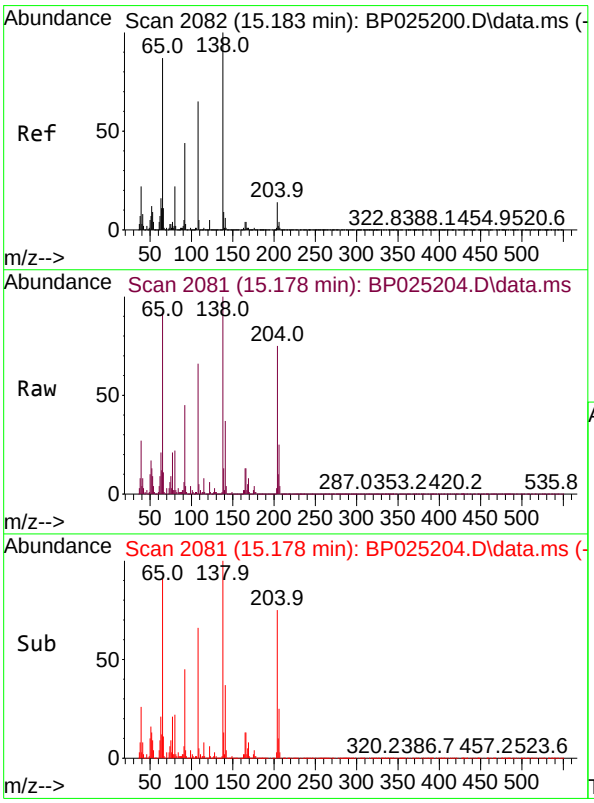
#61
4-Chlorophenyl-phenylether
Concen: 45.300 ng
RT: 15.160 min Scan# 20
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:204 Resp: 2117148

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	54.4	43.0	64.6

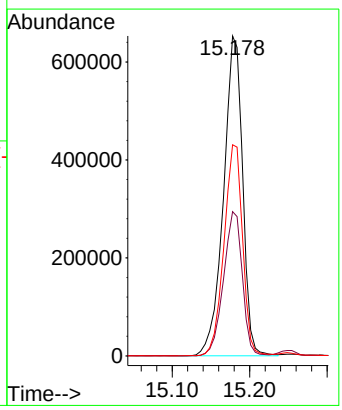


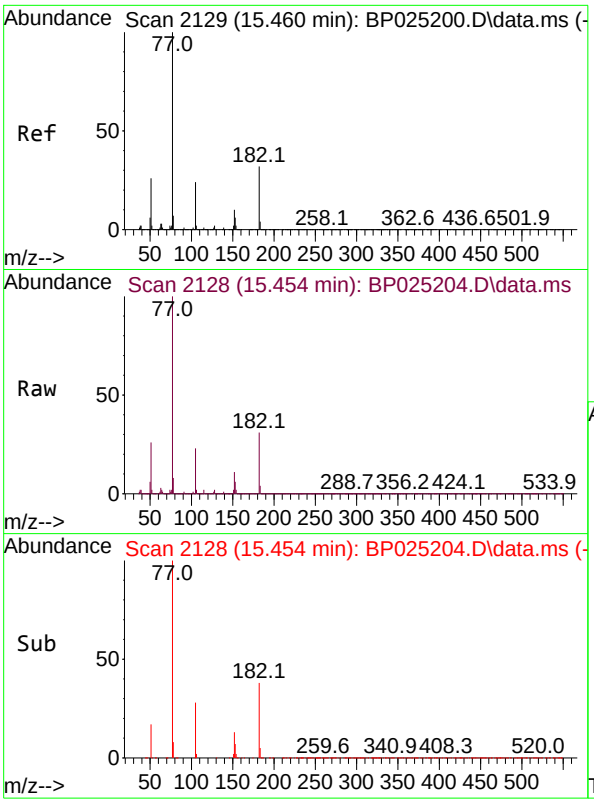


#62
4-Nitroaniline
Concen: 46.208 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:138 Resp: 1122038

Ion	Ratio	Lower	Upper
138	100		
92	45.1	24.0	64.0
108	66.0	44.9	84.9



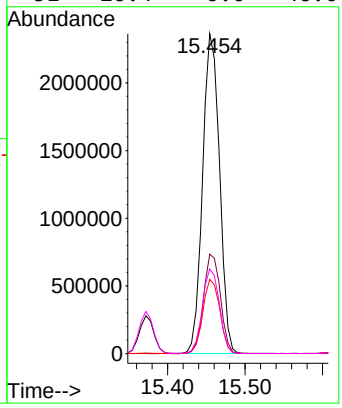


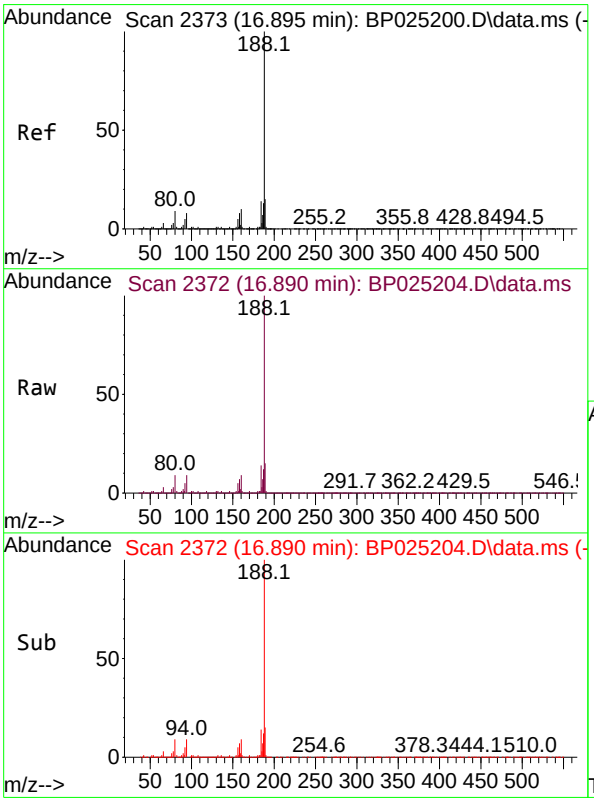
#63
Azobenzene
Concen: 45.735 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion: 77 Resp: 3579445

Ion	Ratio	Lower	Upper
77	100		
182	31.1	12.0	52.0
105	23.2	3.6	43.6
51	26.4	6.0	46.0

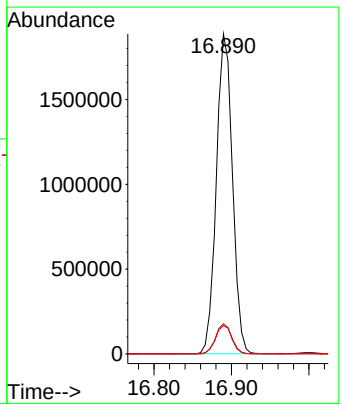


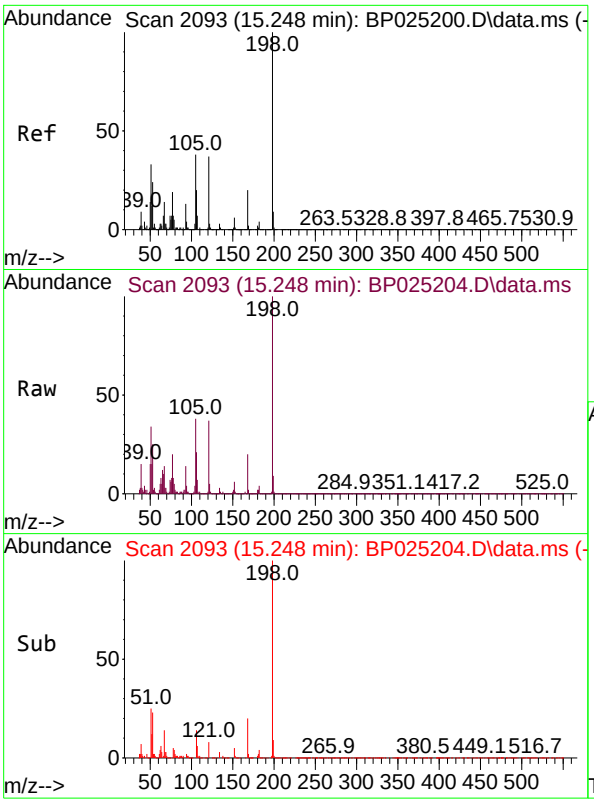


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.890 min Scan# 2372
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:188 Resp: 2724423

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.4	7.3	10.9



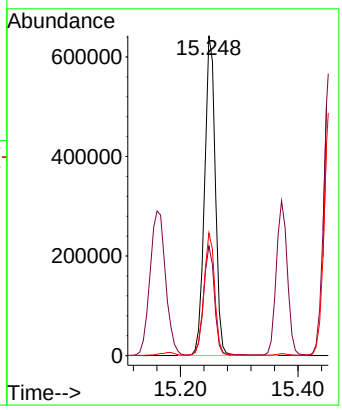


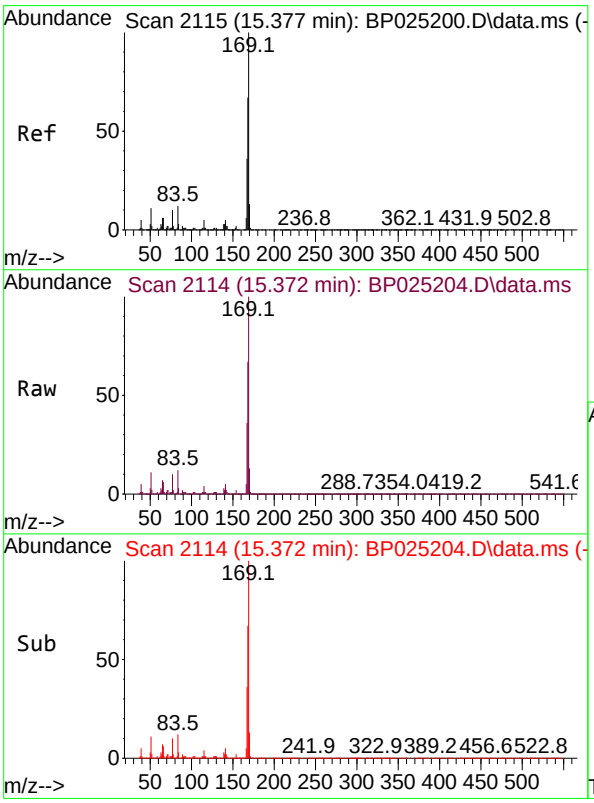
#65
4,6-Dinitro-2-methylphenol
Concen: 46.654 ng
RT: 15.248 min Scan# 20
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:198 Resp: 820280

Ion	Ratio	Lower	Upper
198	100		
51	34.3	14.6	54.6
105	38.3	18.3	58.3

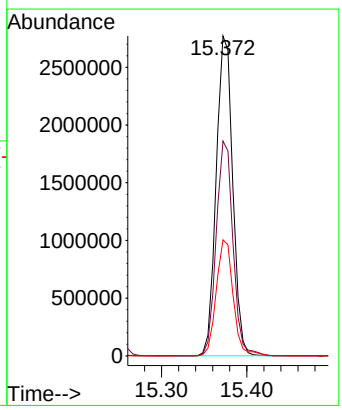


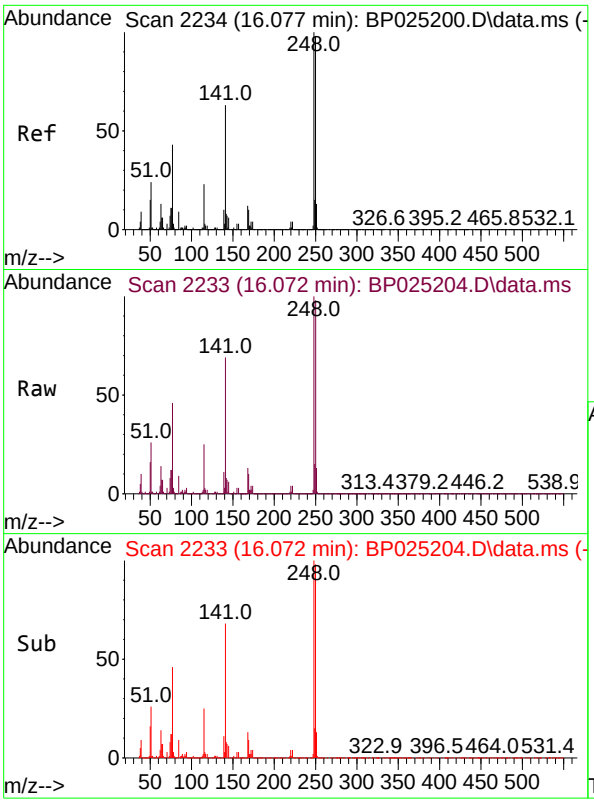


#66
n-Nitrosodiphenylamine
Concen: 45.067 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:169 Resp: 3726776

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.7	80.5
167	36.3	29.0	43.6



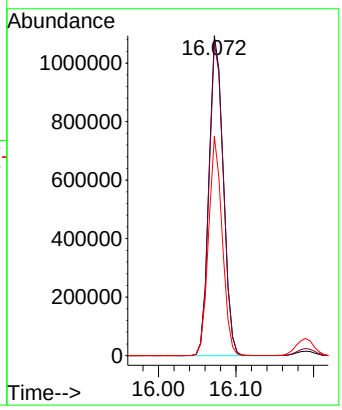


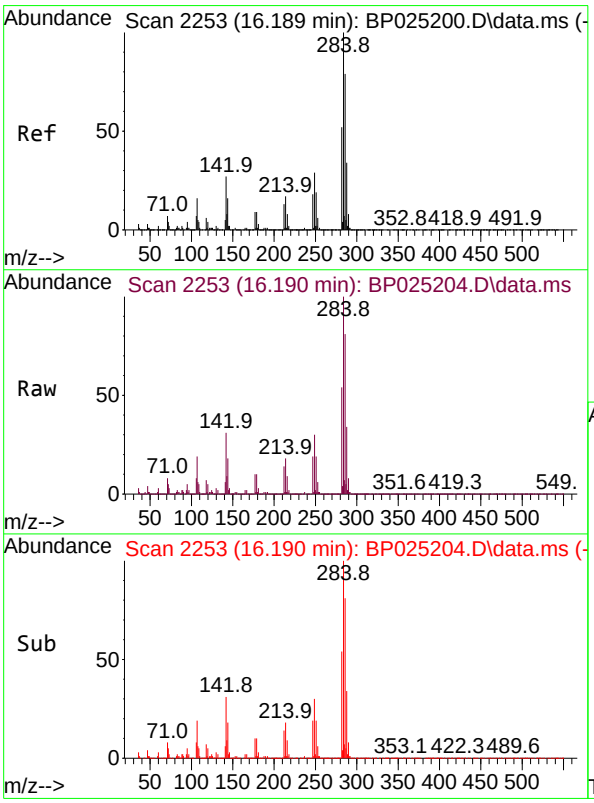
#67
4-Bromophenyl-phenylether
Concen: 44.020 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:248 Resp: 1399658

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.5	117.7
141	68.5	50.5	75.7

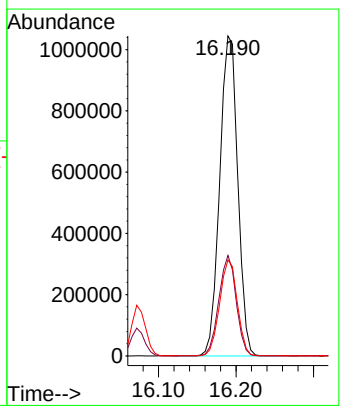


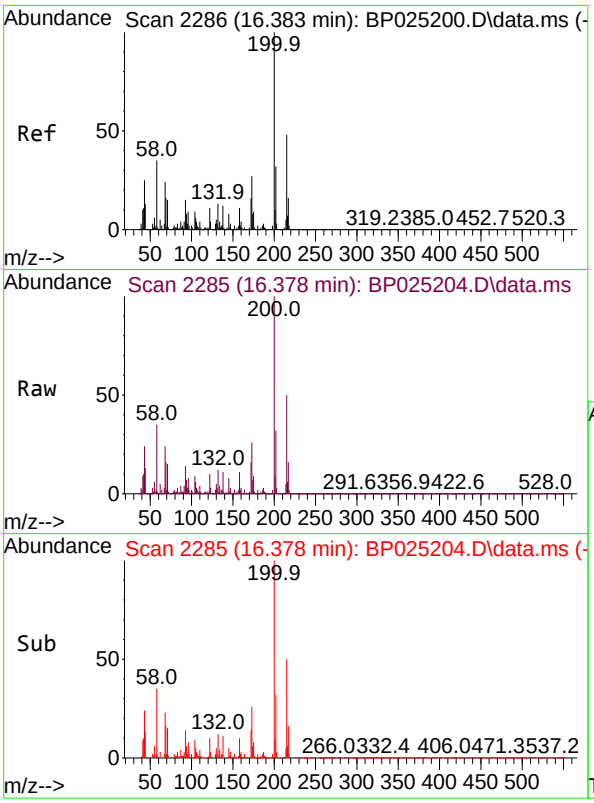


#68
Hexachlorobenzene
Concen: 44.819 ng
RT: 16.190 min Scan# 2253
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:284 Resp: 1692331

Ion	Ratio	Lower	Upper
284	100		
142	31.4	21.5	32.3
249	30.0	23.4	35.0



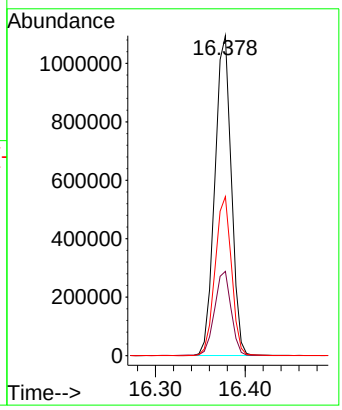


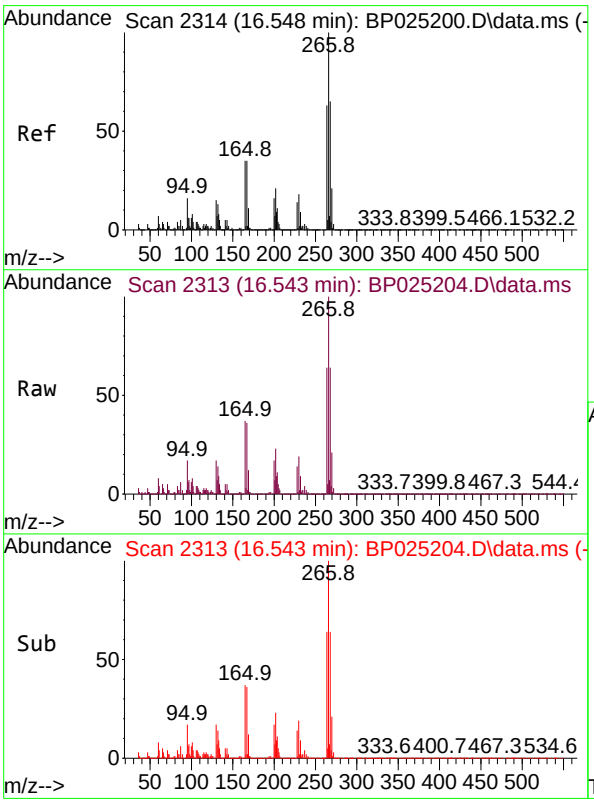
#69
Atrazine
Concen: 45.593 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:200 Resp: 1395157

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.4	47.4
215	49.7	28.5	68.5

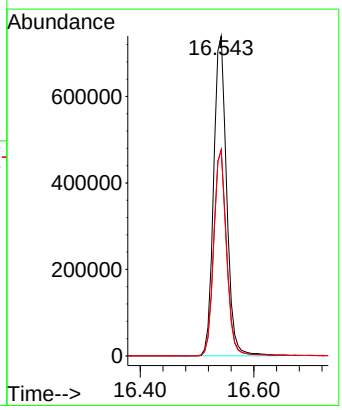


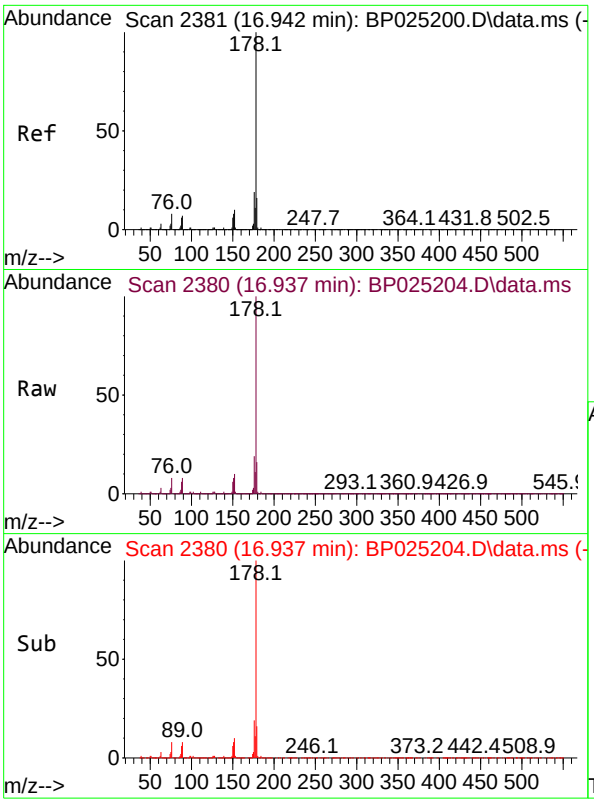


#70
Pentachlorophenol
Concen: 45.651 ng
RT: 16.543 min Scan# 2313
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:266 Resp: 1172182

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.8	77.6
264	64.4	50.3	75.5



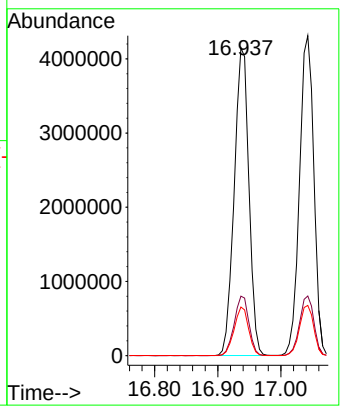


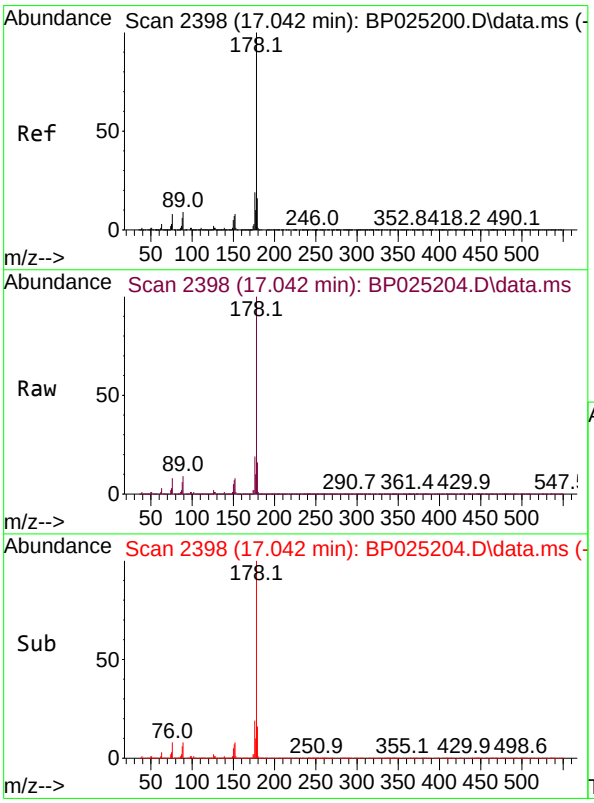
#71
Phenanthrene
Concen: 45.655 ng
RT: 16.937 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:178 Resp: 6708617

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.8	12.5	18.7

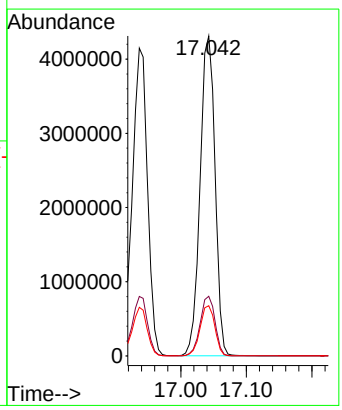


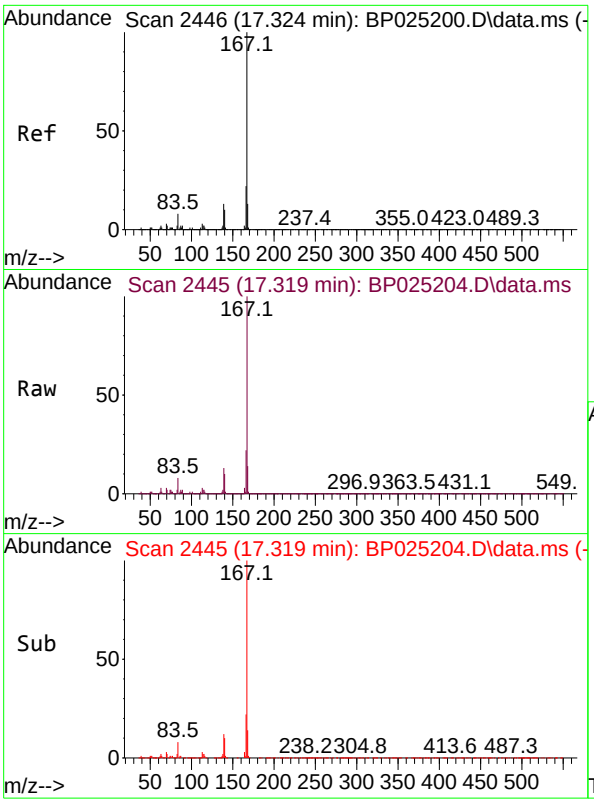


#72
Anthracene
Concen: 45.942 ng
RT: 17.042 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:178 Resp: 6800703

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.7	12.5	18.7



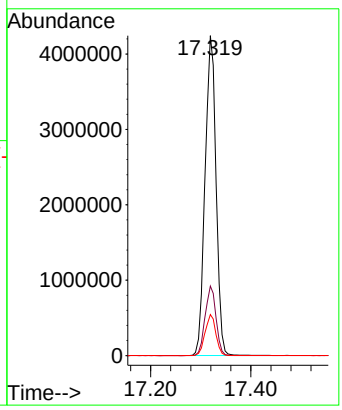


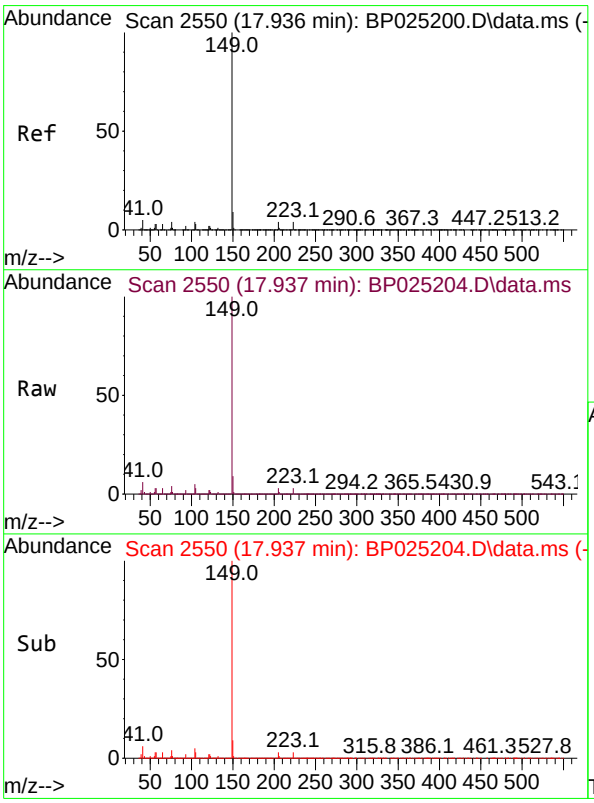
#73
Carbazole
Concen: 45.725 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:167 Resp: 6461345

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.8	10.1	15.1

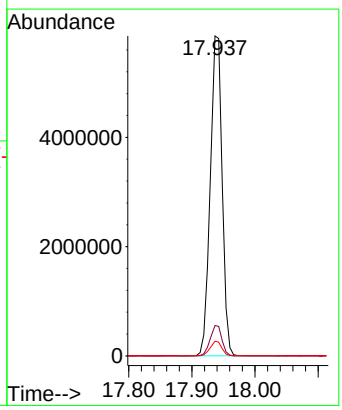


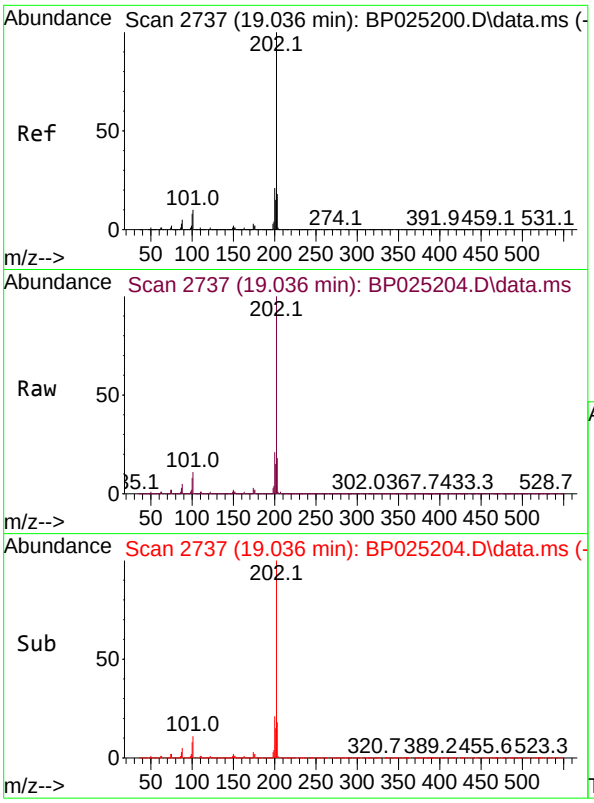


#74
Di-n-butylphthalate
Concen: 47.030 ng
RT: 17.937 min Scan# 2550
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 7668085

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.6	3.5	5.3



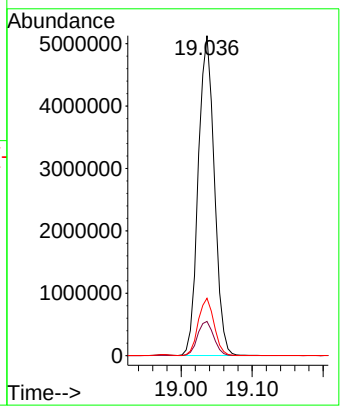


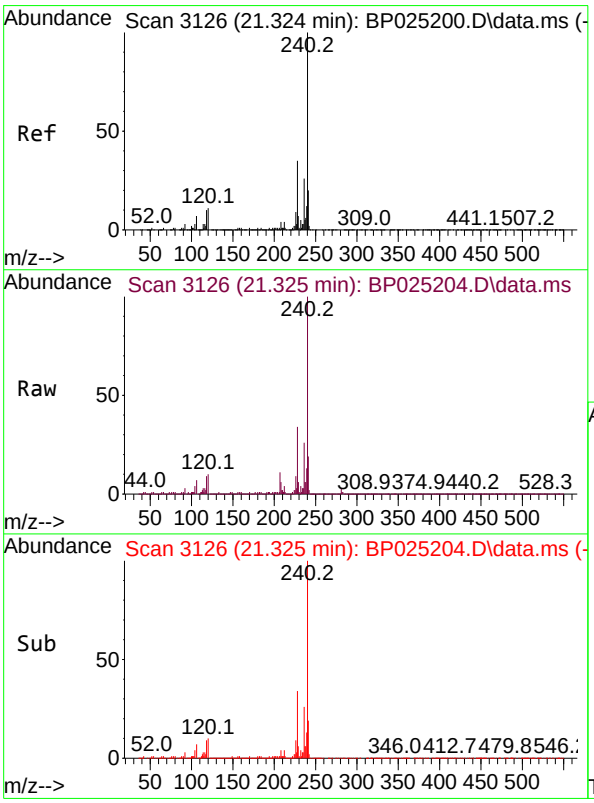
#75
Fluoranthene
Concen: 46.353 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:202 Resp: 8016191

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
203	17.9	0.0	38.0

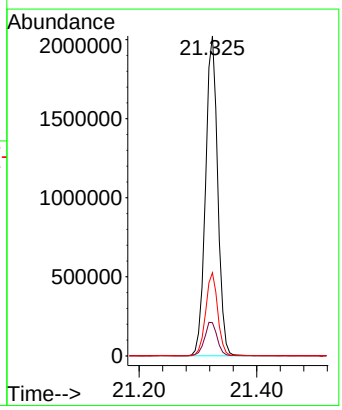


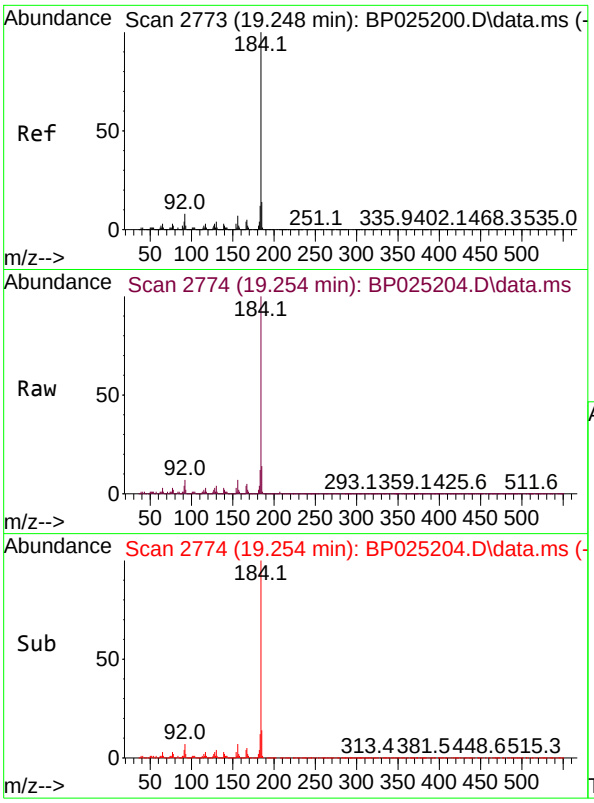


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:240 Resp: 2909374

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	26.0	20.9	31.3



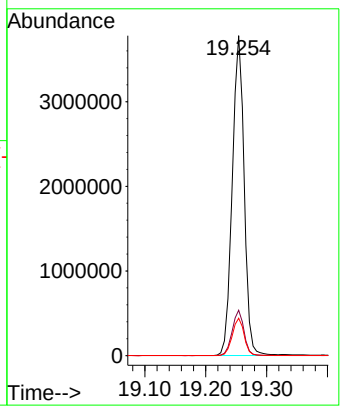


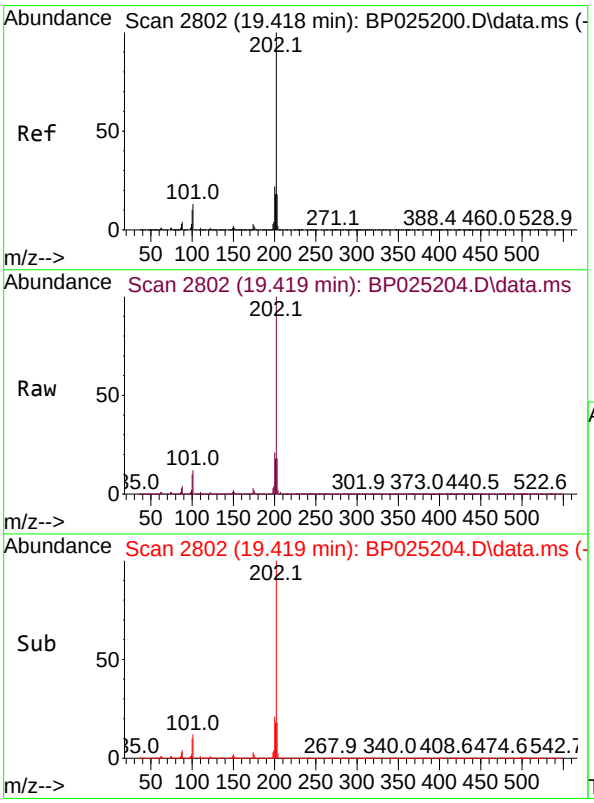
#77
Benzidine
Concen: 49.969 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:184 Resp: 5103974

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.7	9.6	14.4

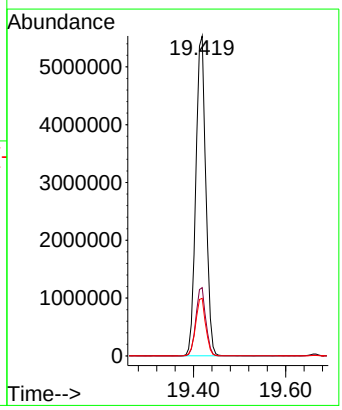


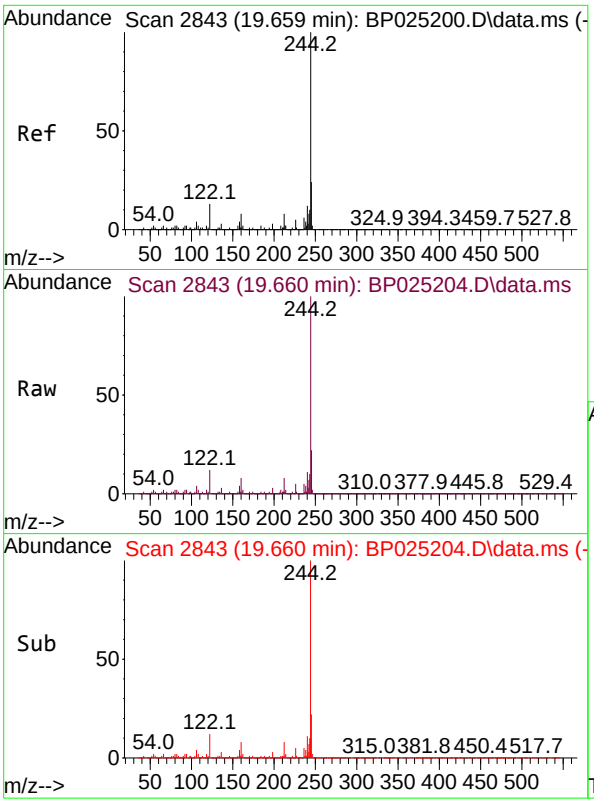


#78
Pyrene
Concen: 46.157 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:202 Resp: 8280087

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5



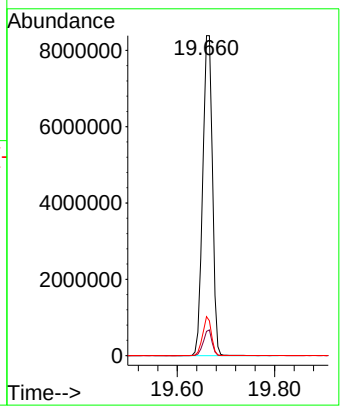


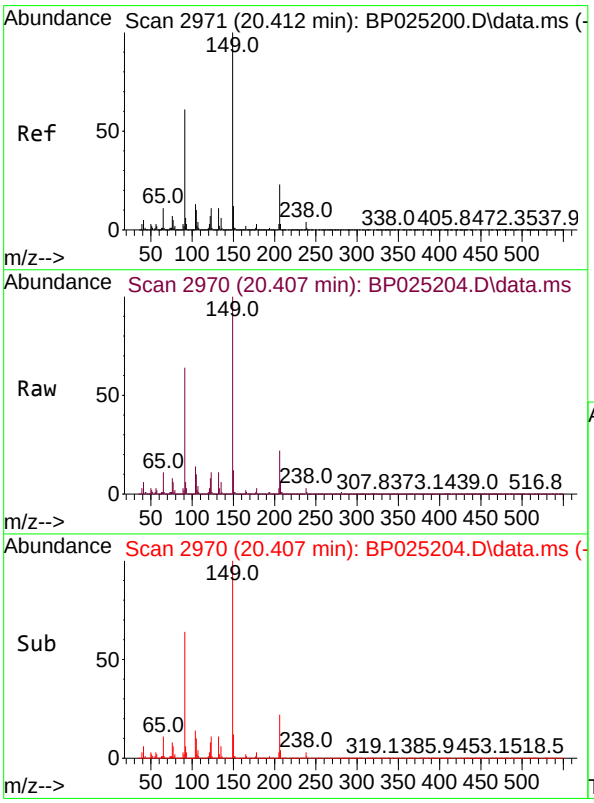
#79
Terphenyl-d14
Concen: 78.518 ng
RT: 19.660 min Scan# 28
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:244 Resp:11572188

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	12.2	10.3	15.5

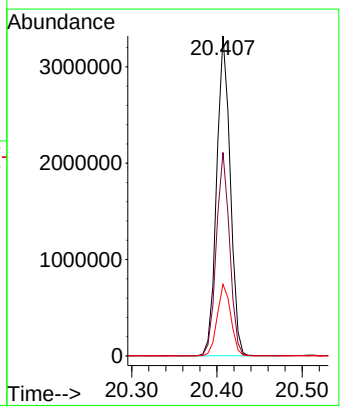


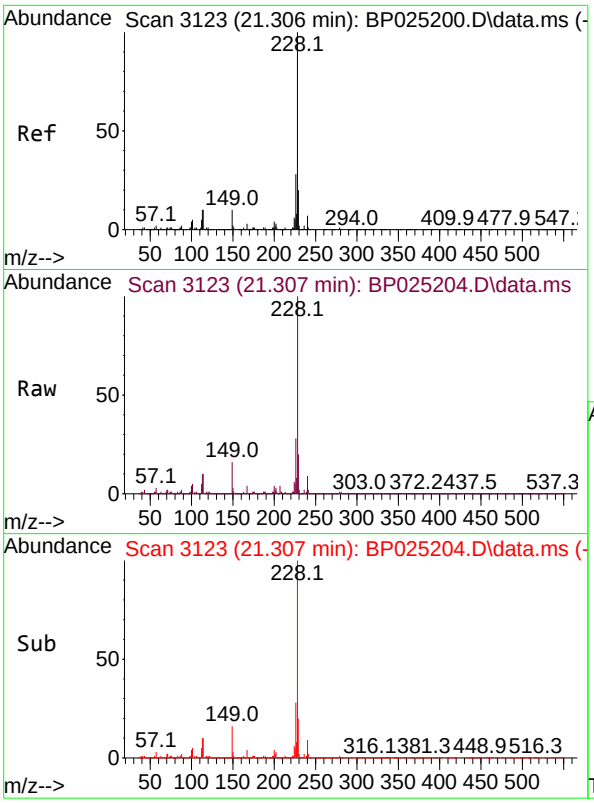


#80
Butylbenzylphthalate
Concen: 45.188 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 3669353

Ion	Ratio	Lower	Upper
149	100		
91	63.6	48.8	73.2
206	22.4	18.4	27.6



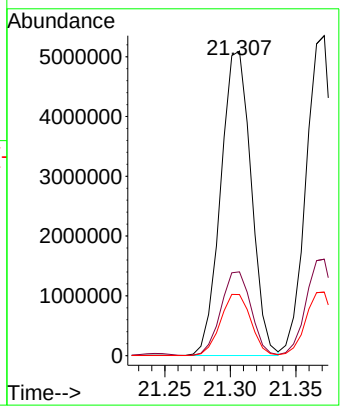


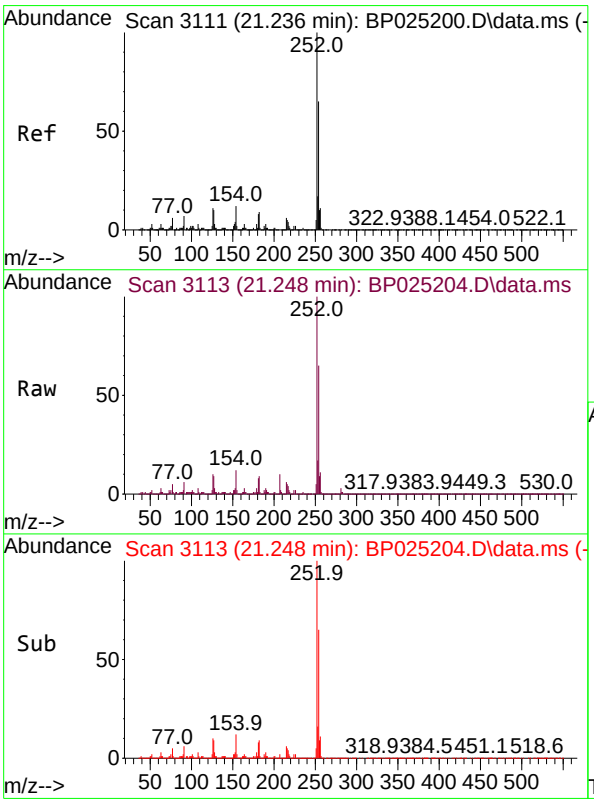
#81
Benzo(a)anthracene
Concen: 44.767 ng
RT: 21.307 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:228 Resp: 8225034

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.1	16.2	24.2

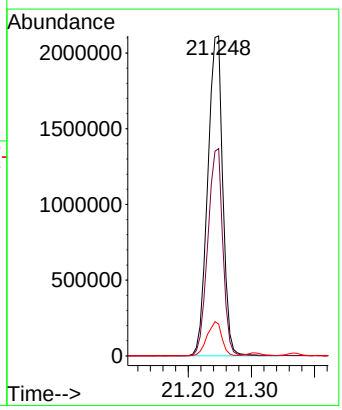


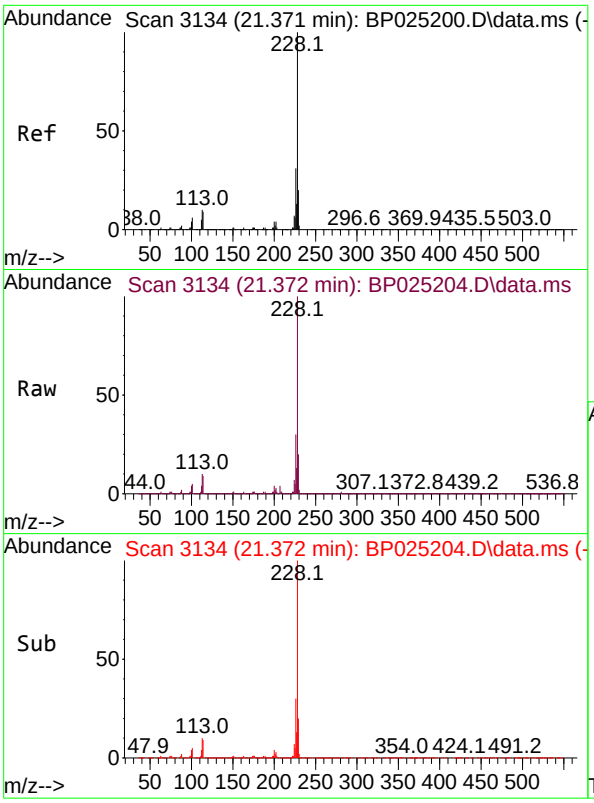


#82
3,3'-Dichlorobenzidine
Concen: 45.857 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 3492411

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	9.9	8.6	12.8



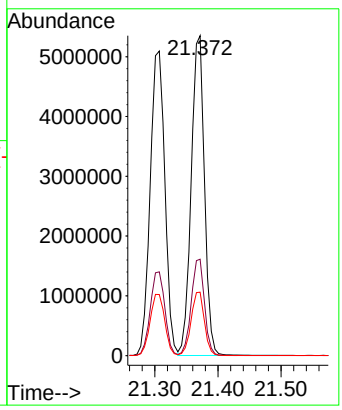


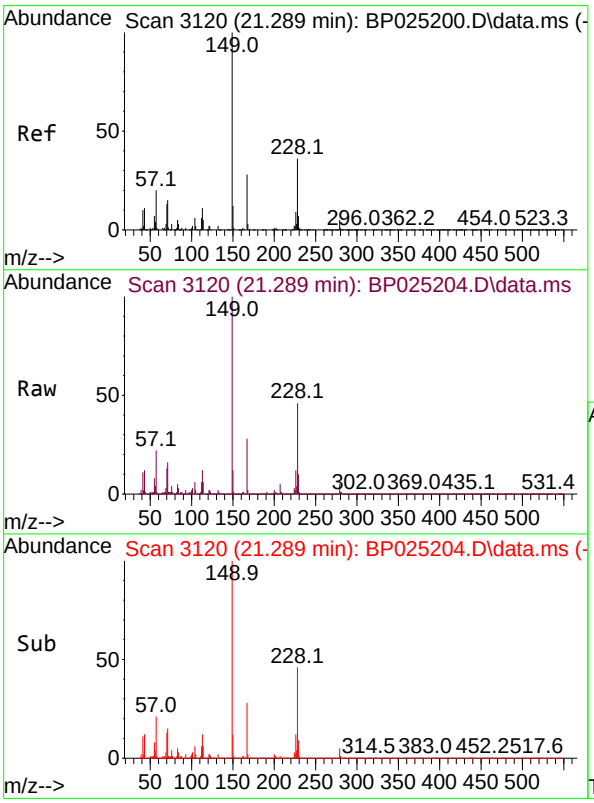
#83
Chrysene
Concen: 45.539 ng
RT: 21.372 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:228 Resp: 7810320

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.8	16.0	24.0

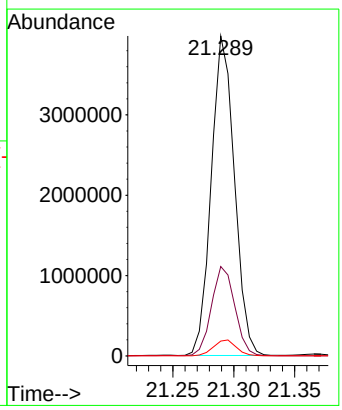


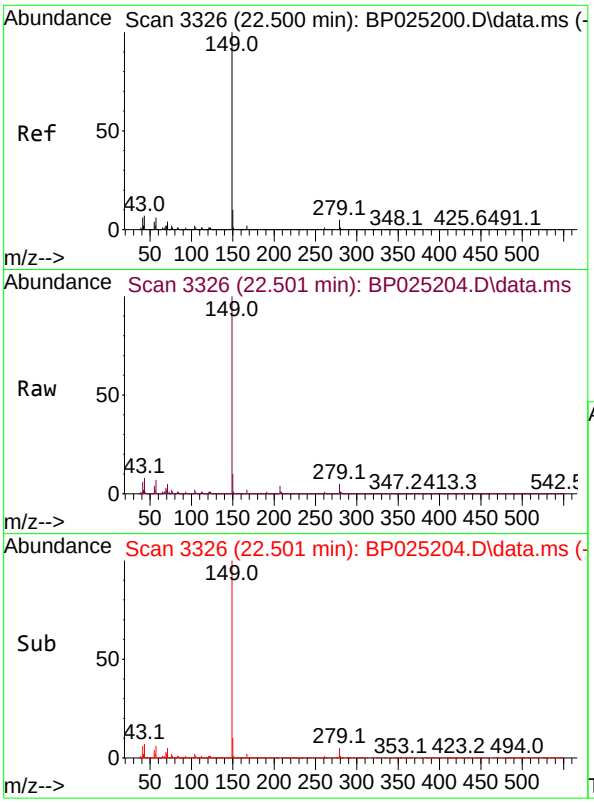


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.344 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 5264917

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	34.0
279	4.7	4.0	6.0



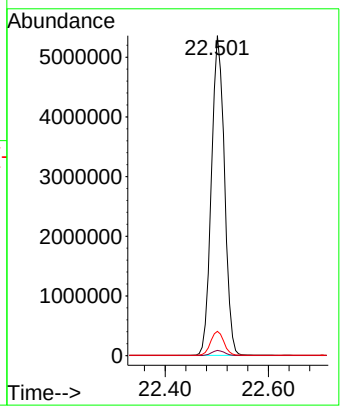


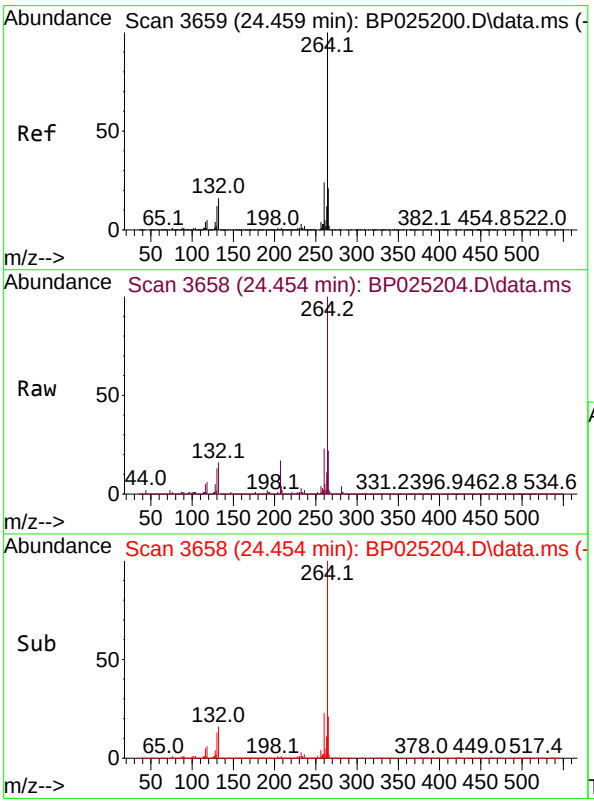
#85
Di-n-octyl phthalate
Concen: 46.799 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:149 Resp: 9383339

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.1	9.1

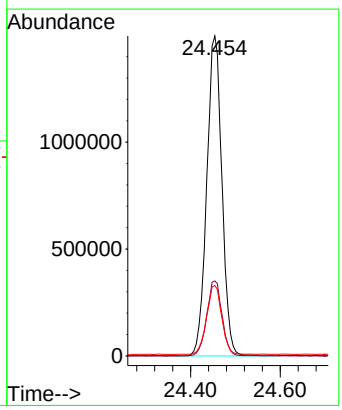


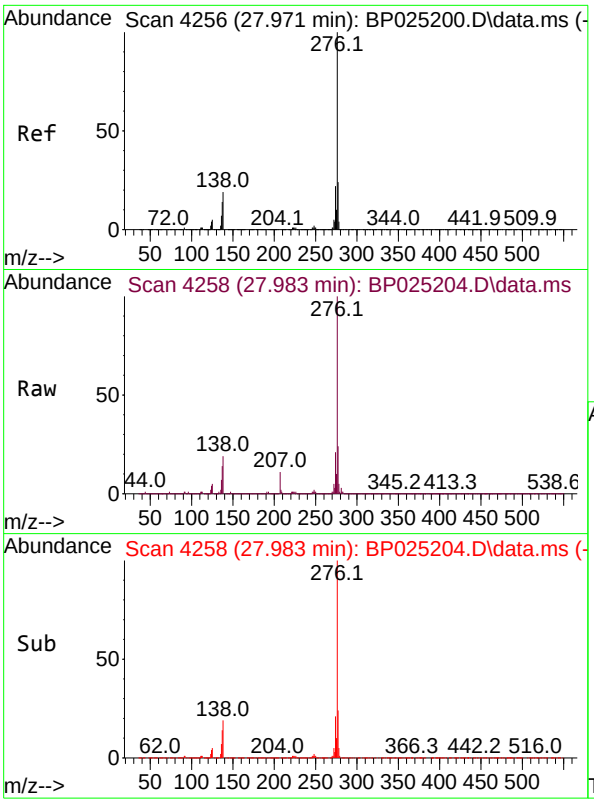


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:264 Resp: 3512838

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.0	17.5	26.3



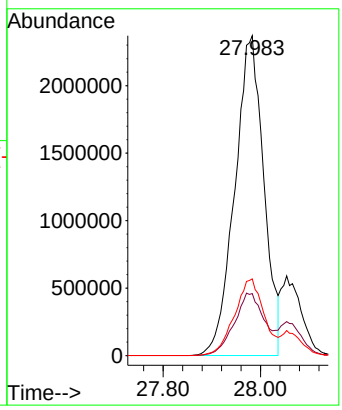


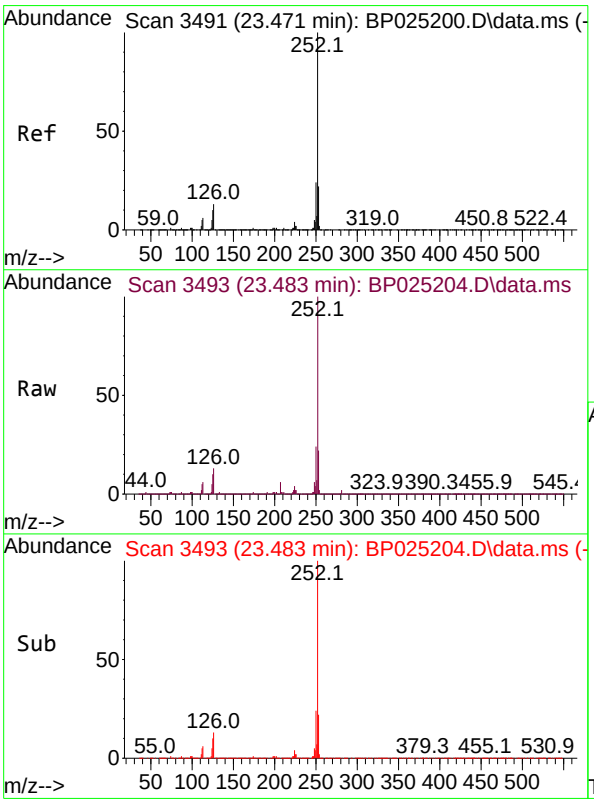
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.109 ng
RT: 27.983 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:276 Resp: 9783058

Ion	Ratio	Lower	Upper
276	100		
138	19.8	12.8	19.2#
277	24.5	20.3	30.5

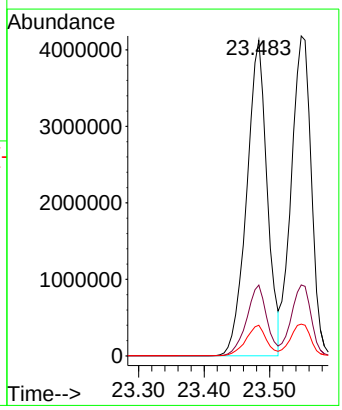


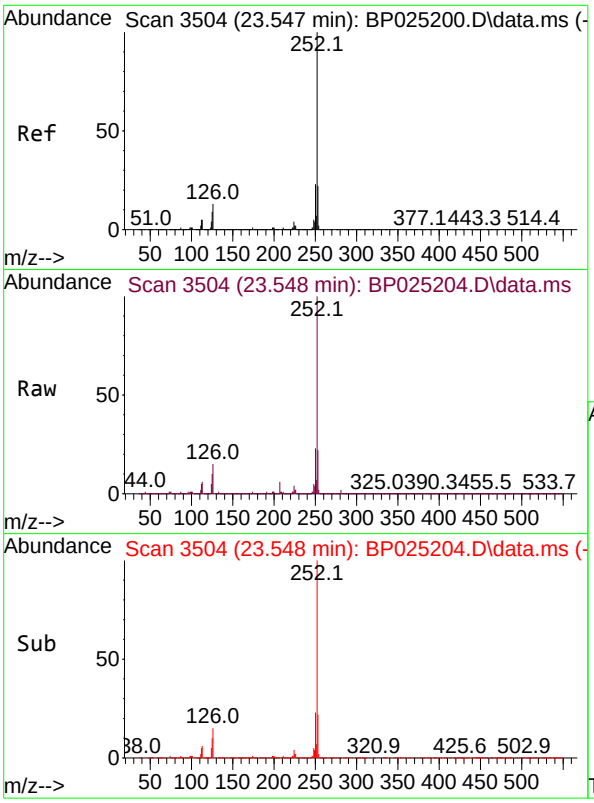


#88
Benzo(b)fluoranthene
Concen: 44.450 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8937938

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.7	7.8	11.8



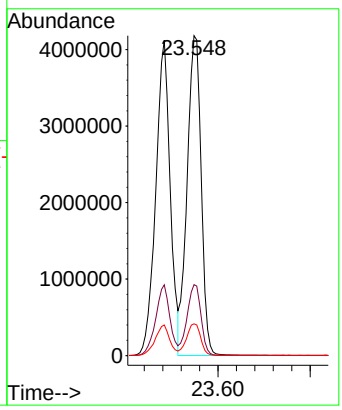


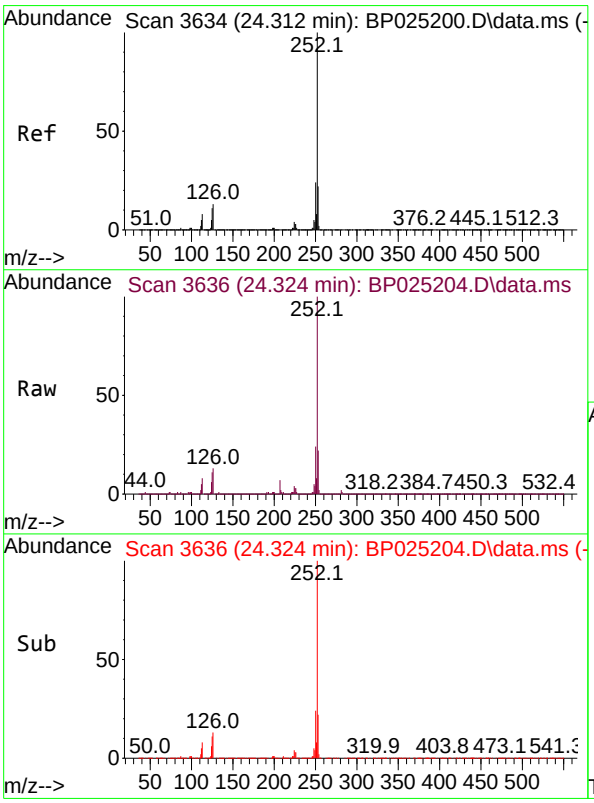
#89
Benzo(k)fluoranthene
Concen: 44.700 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:252 Resp: 8873357

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.9	7.5	11.3

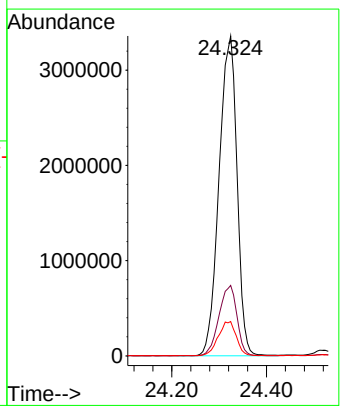


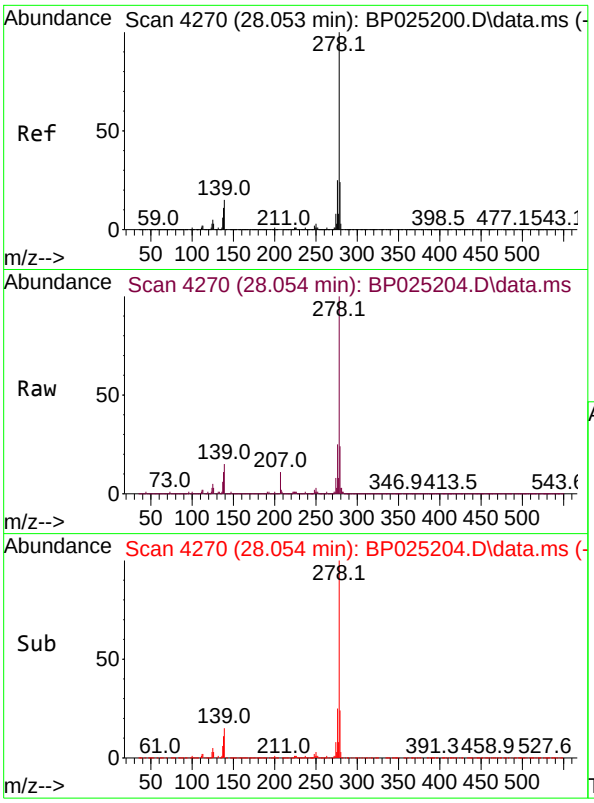


#90
Benzo(a)pyrene
Concen: 45.040 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8836252

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.7	8.6	12.8



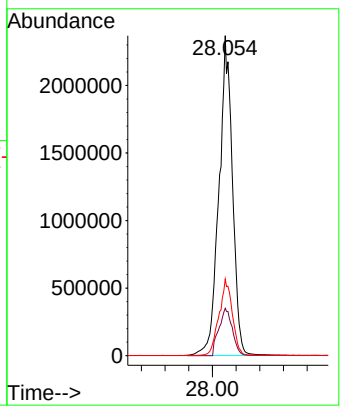


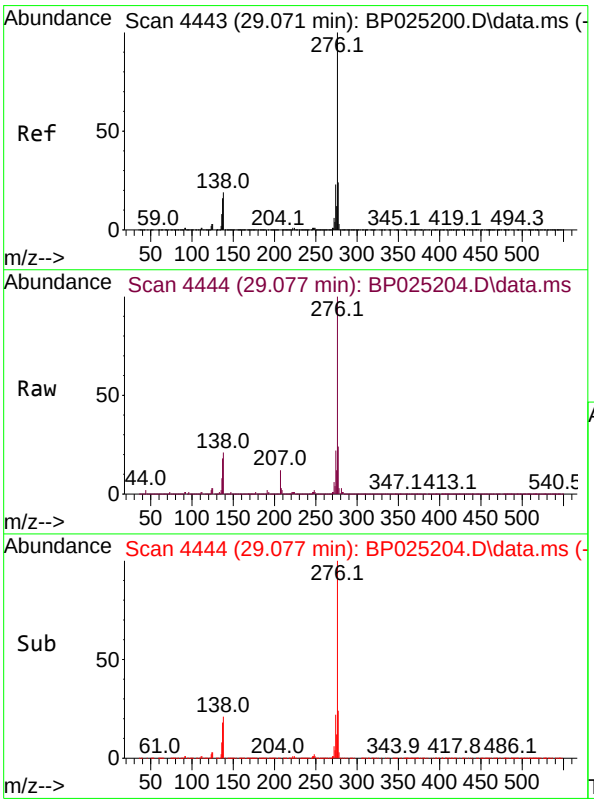
#91
Dibenzo(a,h)anthracene
Concen: 44.867 ng
RT: 28.054 min Scan# 4
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Instrument :
BNA_P
ClientSampleId :
ICVBP072125

Tgt Ion:278 Resp: 9396843

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	23.9	19.5	29.3

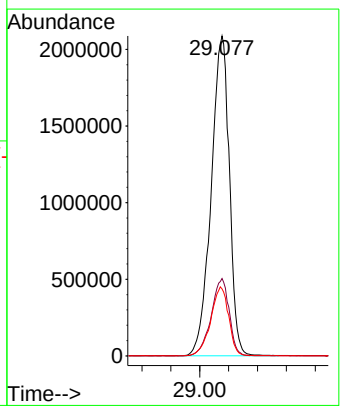




#92
Benzo(g,h,i)perylene
Concen: 44.298 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:276 Resp: 9117542

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	20.9	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Quant Time: Jul 22 11:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	920177	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	3525504	20.000	ng		0.00
39) Acenaphthene-d10	14.066	164	2109533	20.000	ng		-0.01
64) Phenanthrene-d10	16.889	188	3961378	20.000	ng		0.00
76) Chrysene-d12	21.318	240	3833110	20.000	ng		0.00
86) Perylene-d12	24.442	264	4465382	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	3598852	66.083	ng		0.00
7) Phenol-d6	6.637	99	4452832	66.016	ng		0.00
23) Nitrobenzene-d5	8.560	82	2759468	43.498	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	2035909	65.465	ng		0.00
45) 2-Fluorobiphenyl	12.666	172	6720014	44.910	ng		-0.02
79) Terphenyl-d14	19.654	244	8591140	44.244	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.784	152	454992	2.356	ng		99
75) Fluoranthene	19.030	202	1399615	5.566	ng		99
78) Pyrene	19.413	202	1713944	7.252	ng		99
81) Benzo(a)anthracene	21.360	228	1387605	5.732	ng		95
83) Chrysene	21.360	228	1387605	6.141	ng		97
87) Indeno(1,2,3-cd)pyrene	27.948	276	1085417	3.326	ng	#	94
88) Benzo(b)fluoranthene	23.471	252	1730476	6.770	ng	#	96
89) Benzo(k)fluoranthene	23.530	252	542706	2.151	ng	#	95
90) Benzo(a)pyrene	24.295	252	1497330	6.004	ng		96
92) Benzo(g,h,i)perylene	29.024	276	1094765	4.184	ng		97

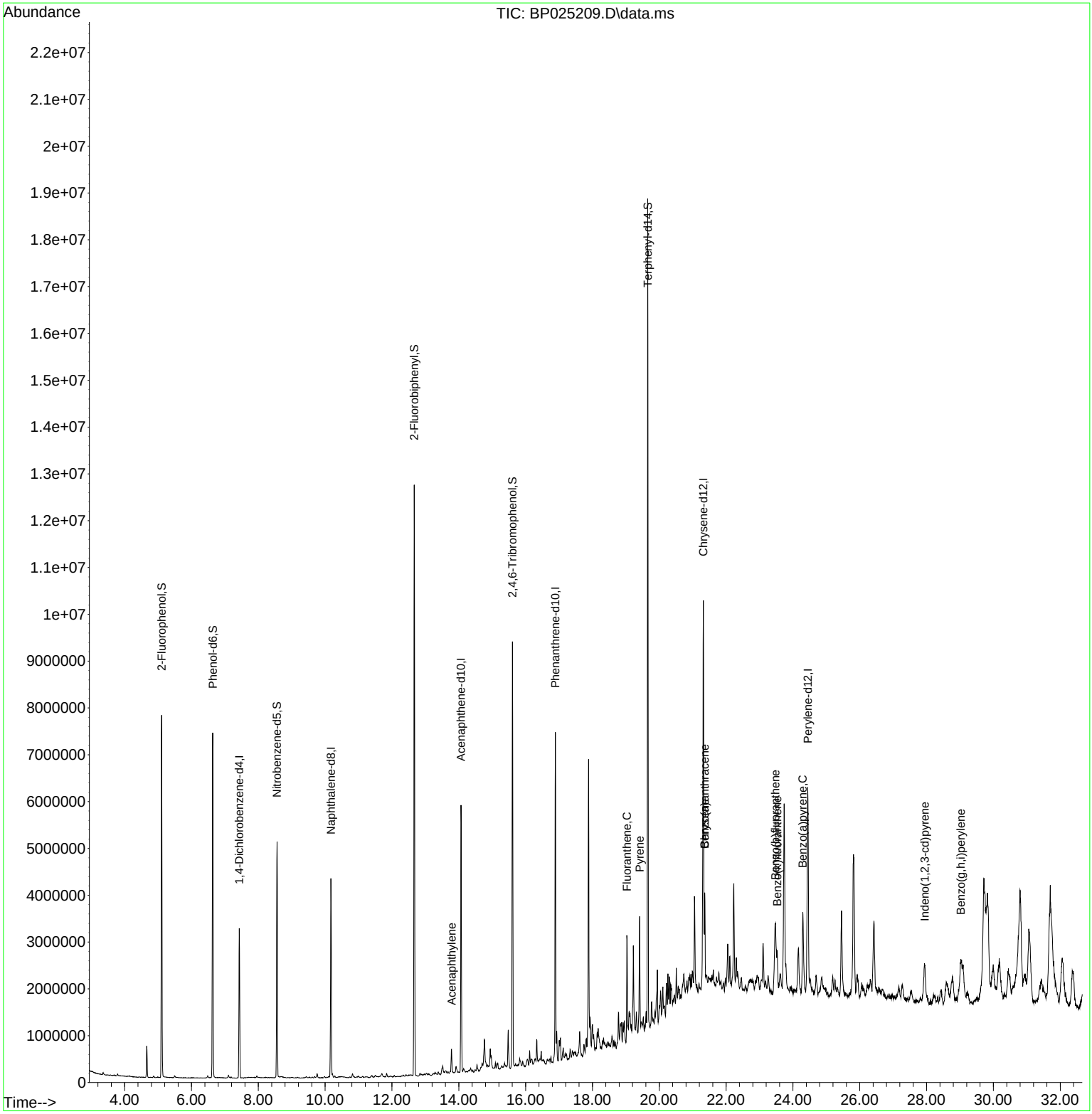
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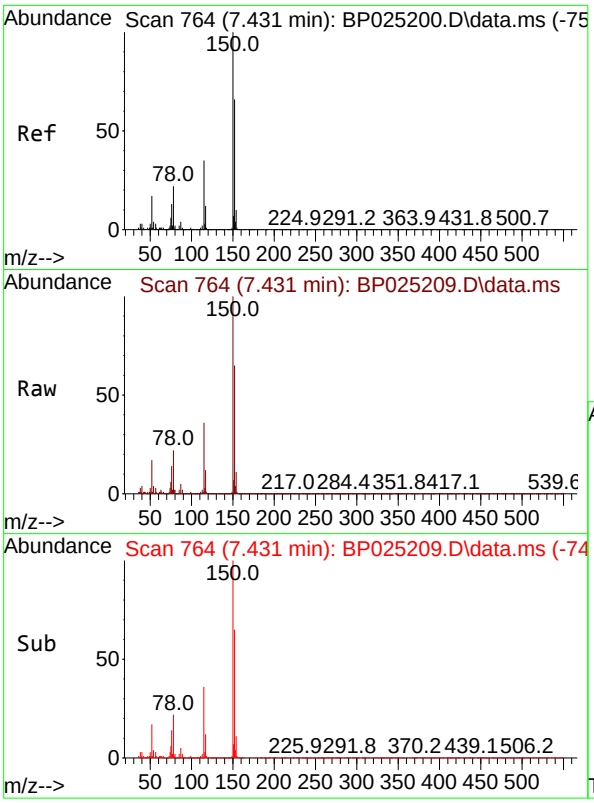
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Quant Time: Jul 22 11:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



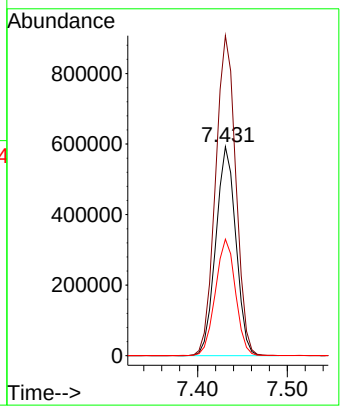


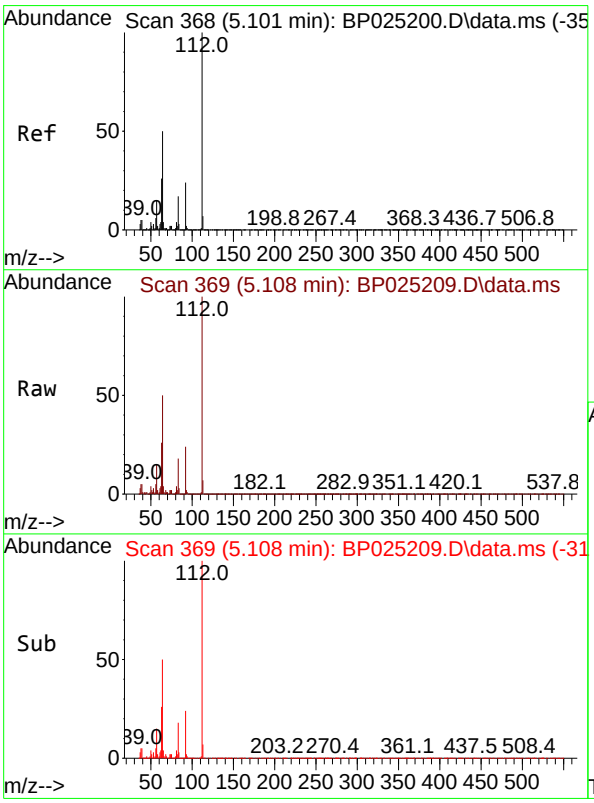
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:152 Resp: 920177

Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.9	182.9
115	55.7	43.0	64.6

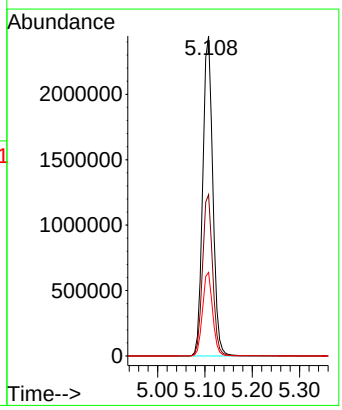


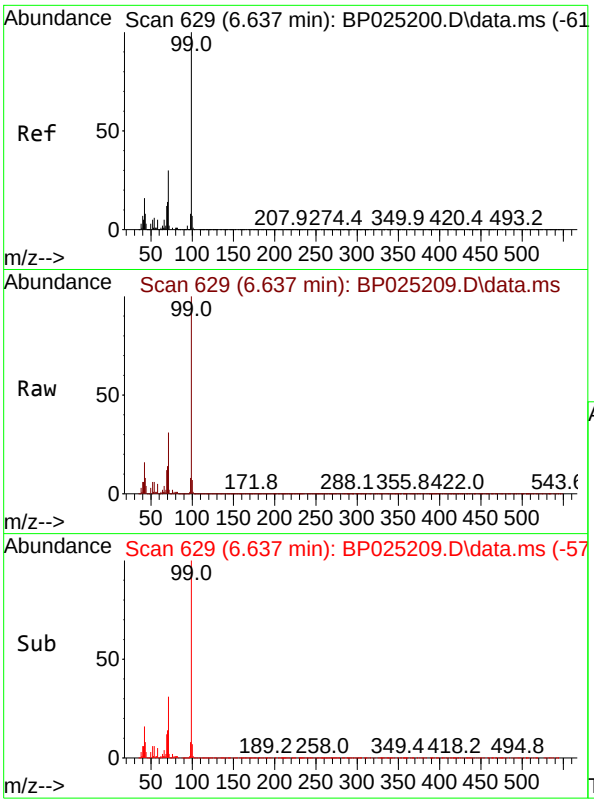


#5
2-Fluorophenol
Concen: 66.083 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:112 Resp: 3598852

Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.8	59.6
63	26.1	20.5	30.7



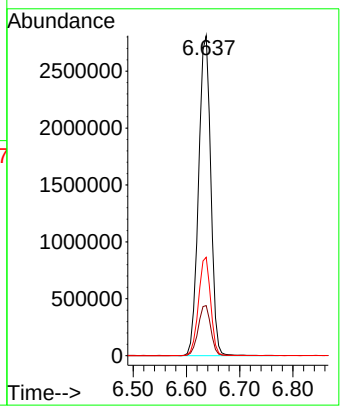


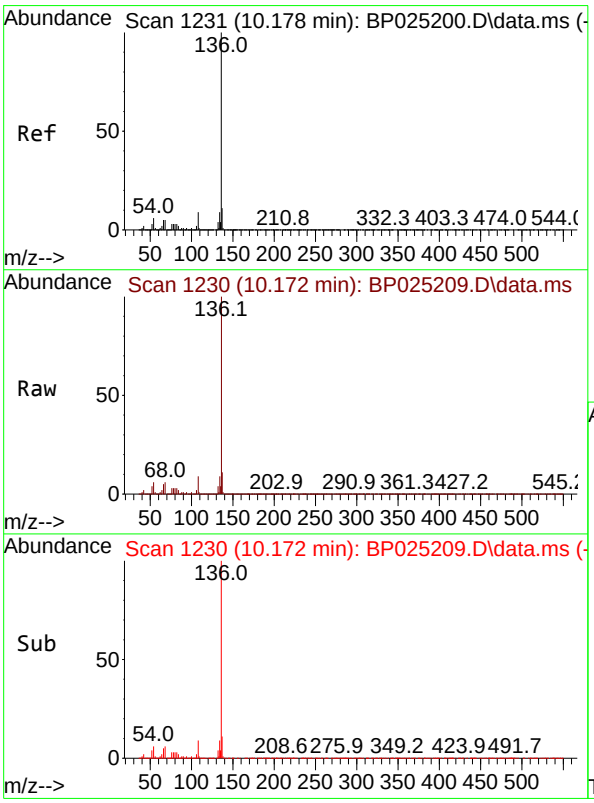
#7
Phenol-d6
Concen: 66.016 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion: 99 Resp: 4452832

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	30.8	24.2	36.2

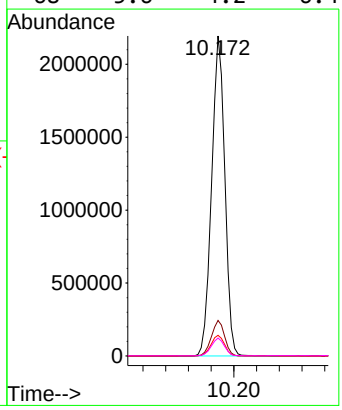


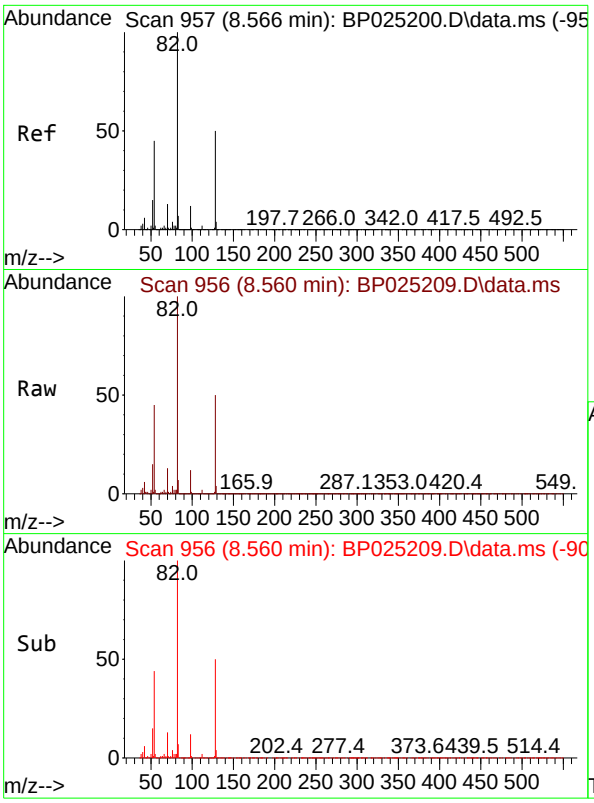


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:136 Resp: 3525504

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.6	4.2	6.4



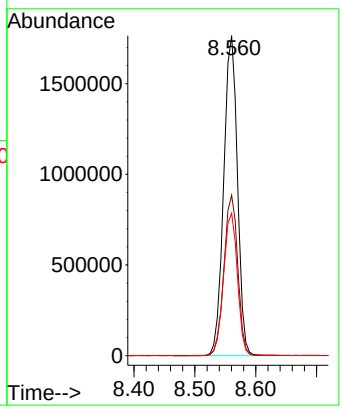


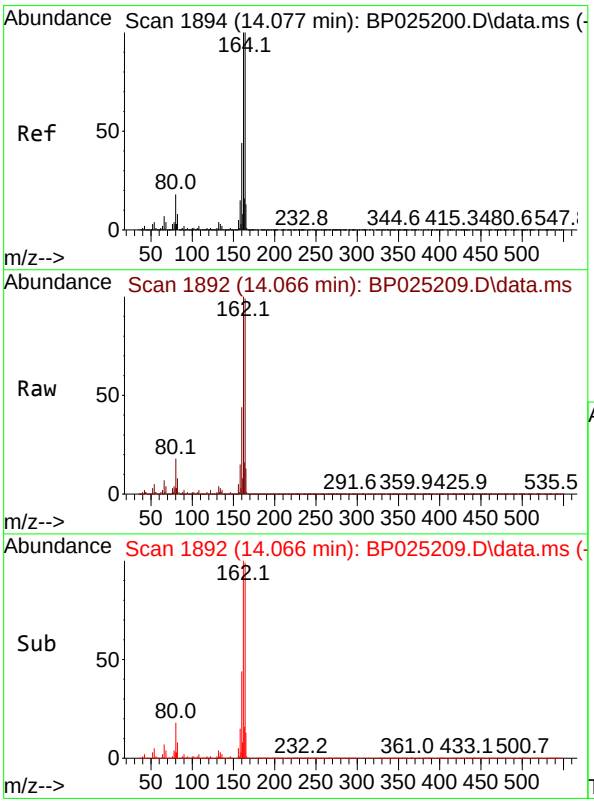
#23
Nitrobenzene-d5
Concen: 43.498 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion: 82 Resp: 2759468

Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.2	60.4
54	44.5	36.3	54.5

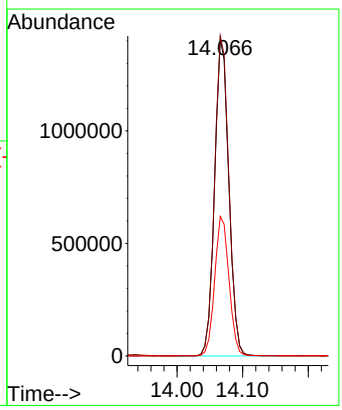


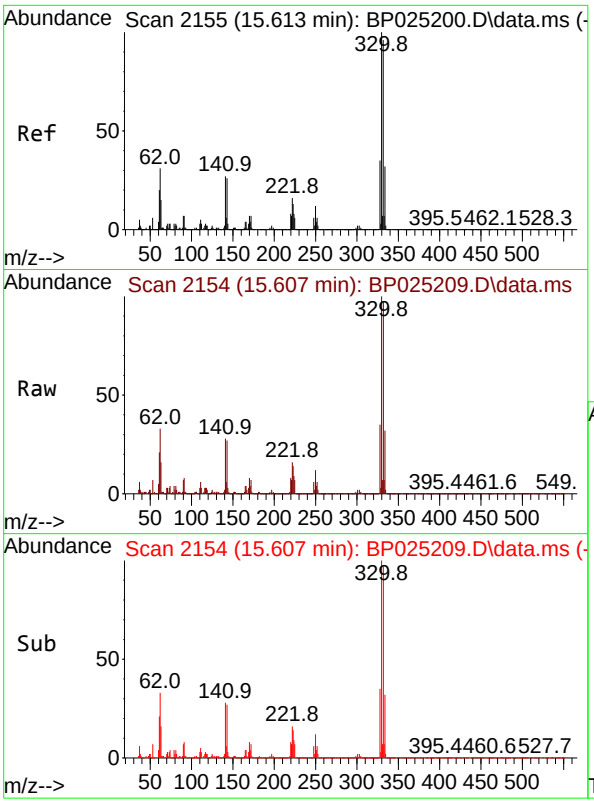


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:164 Resp: 2109533

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.3	120.5
160	44.0	35.7	53.5



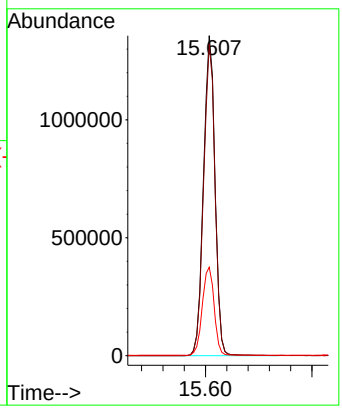


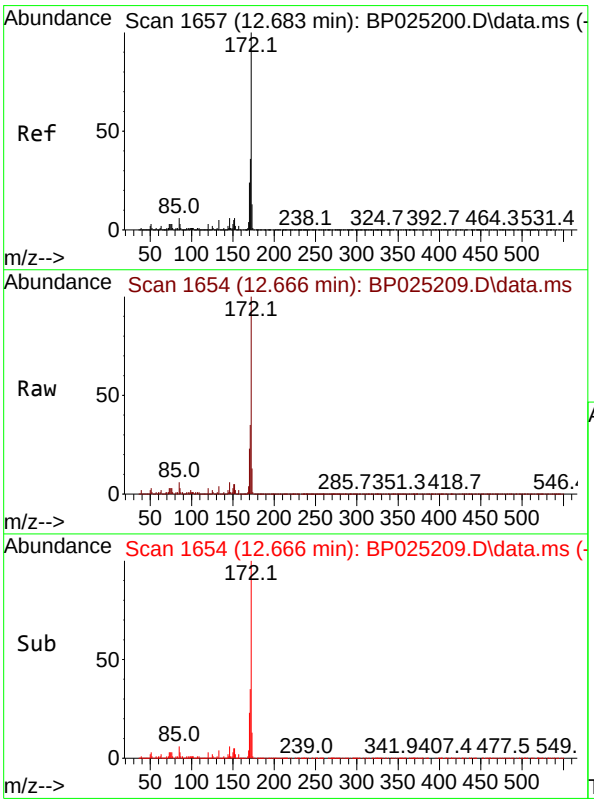
#42
2,4,6-Tribromophenol
Concen: 65.465 ng
RT: 15.607 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:330 Resp: 2035909

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	28.2	22.4	33.6

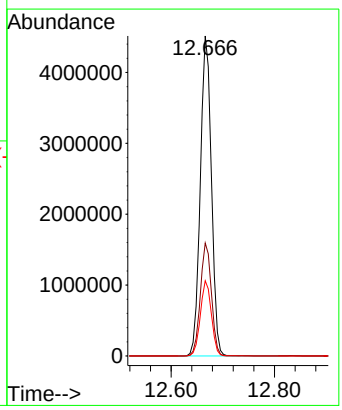


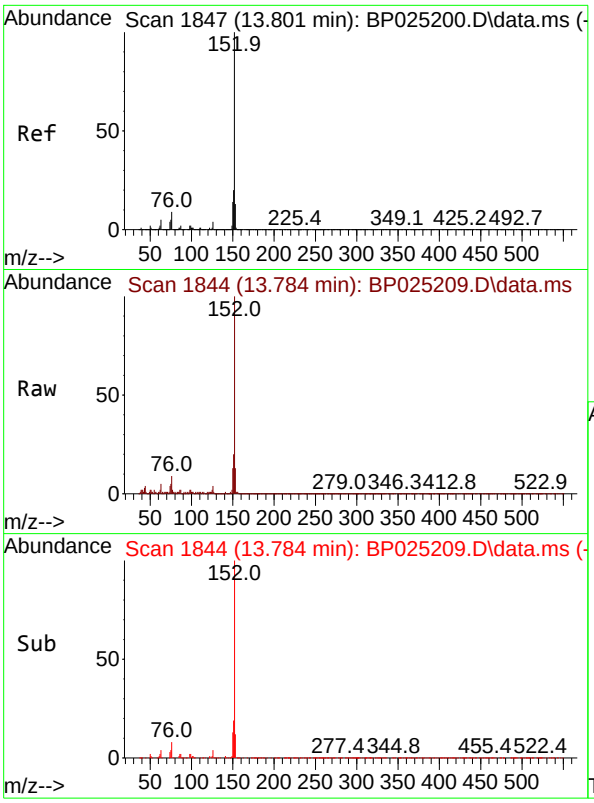


#45
2-Fluorobiphenyl
Concen: 44.910 ng
RT: 12.666 min Scan# 1654
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:172 Resp: 6720014

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.8	43.2
170	23.5	19.2	28.8



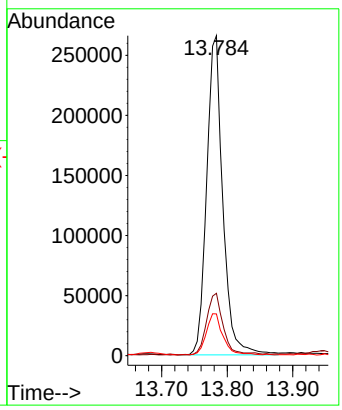


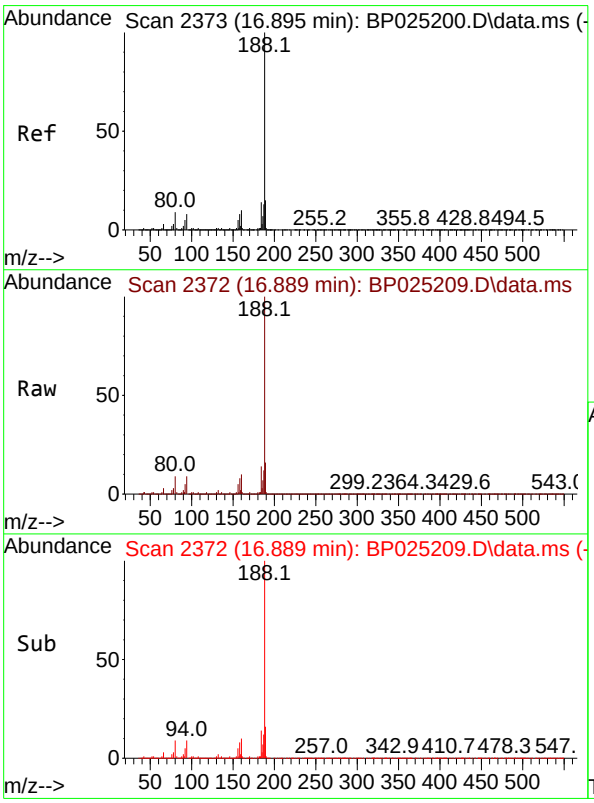
#49
Acenaphthylene
Concen: 2.356 ng
RT: 13.784 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:152 Resp: 454992

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2
153	13.1	10.6	15.8

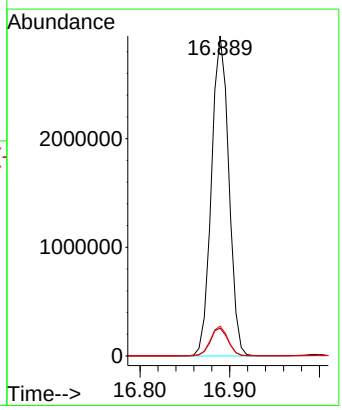


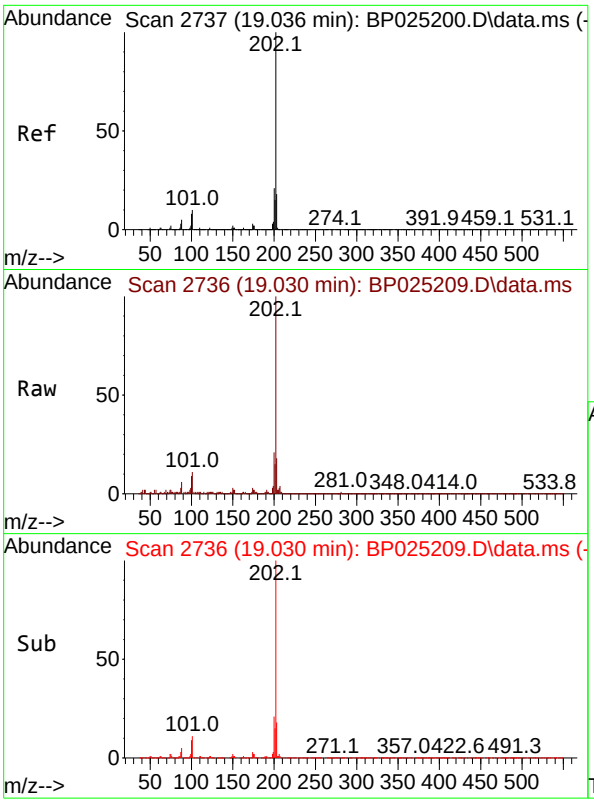


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:188 Resp: 3961378

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.3	7.3	10.9



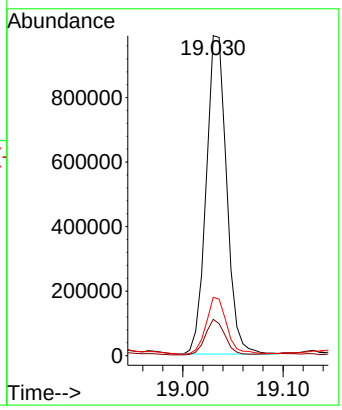


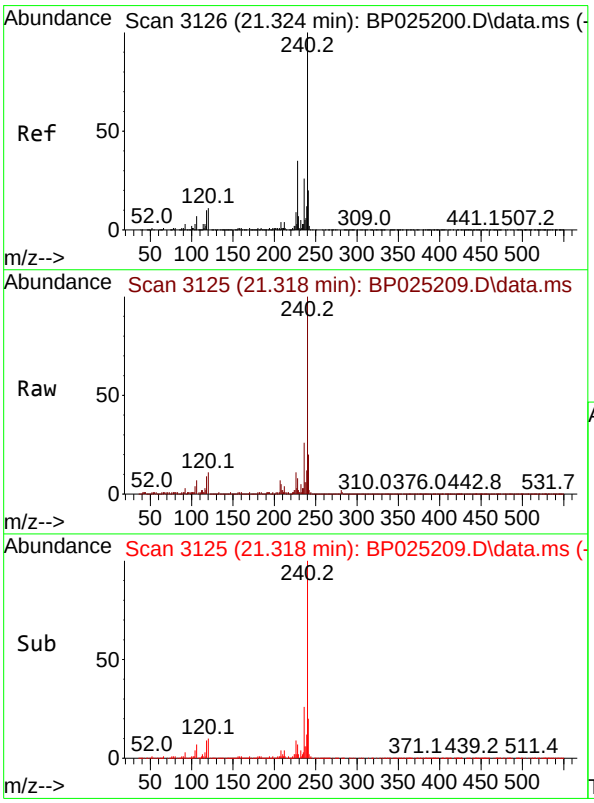
#75
Fluoranthene
Concen: 5.566 ng
RT: 19.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:202 Resp: 1399615

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
203	18.3	0.0	38.0

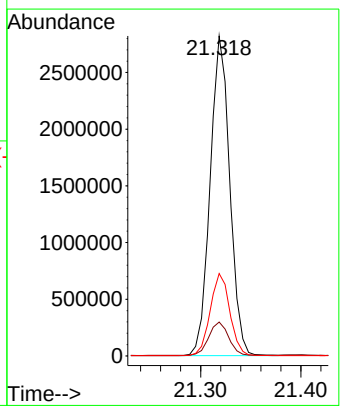


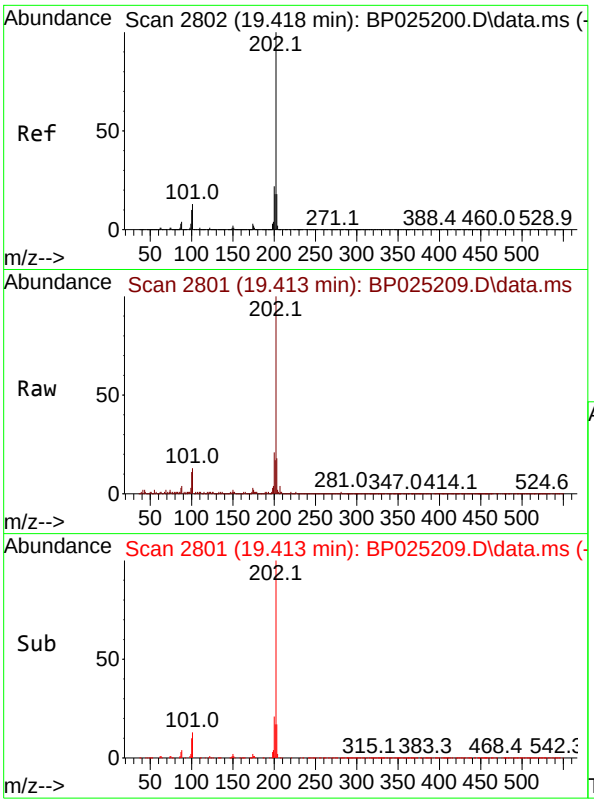


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.318 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:240 Resp: 3833110

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.8	13.2
236	25.8	20.9	31.3



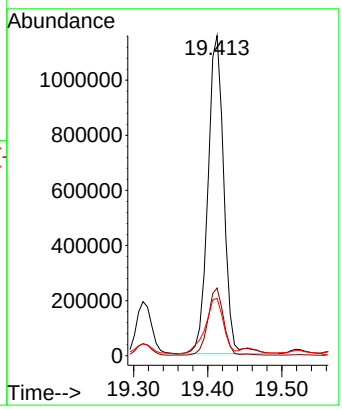


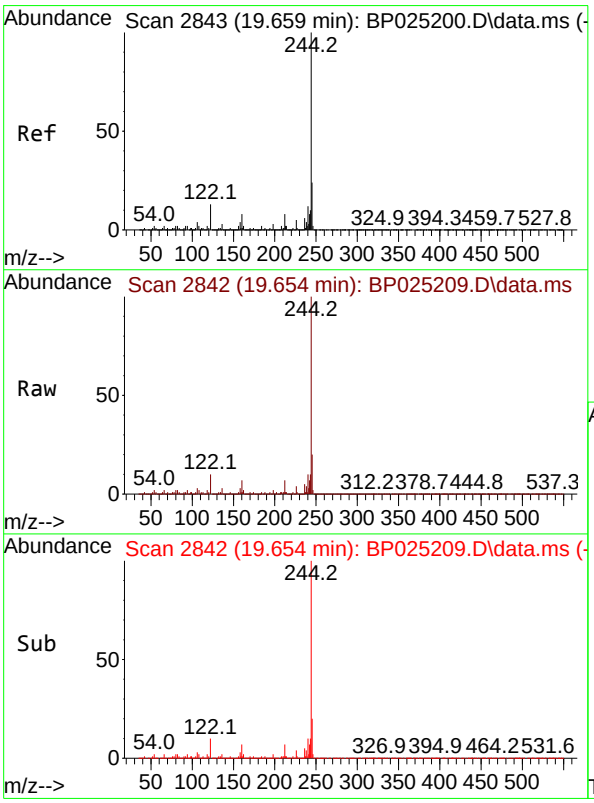
#78
Pyrene
Concen: 7.252 ng
RT: 19.413 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:202 Resp: 1713944

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.9	14.3	21.5

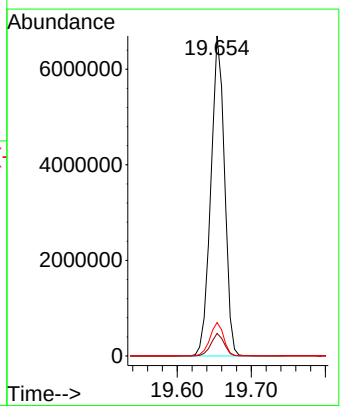


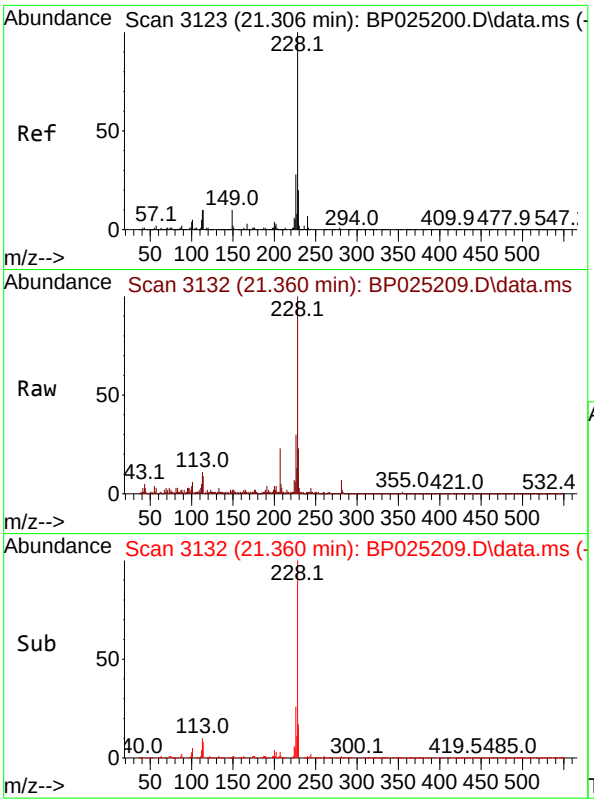


#79
Terphenyl-d14
Concen: 44.244 ng
RT: 19.654 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:244 Resp: 8591140

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	9.8
122	10.4	10.3	15.5



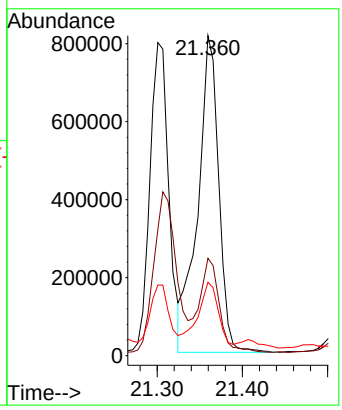


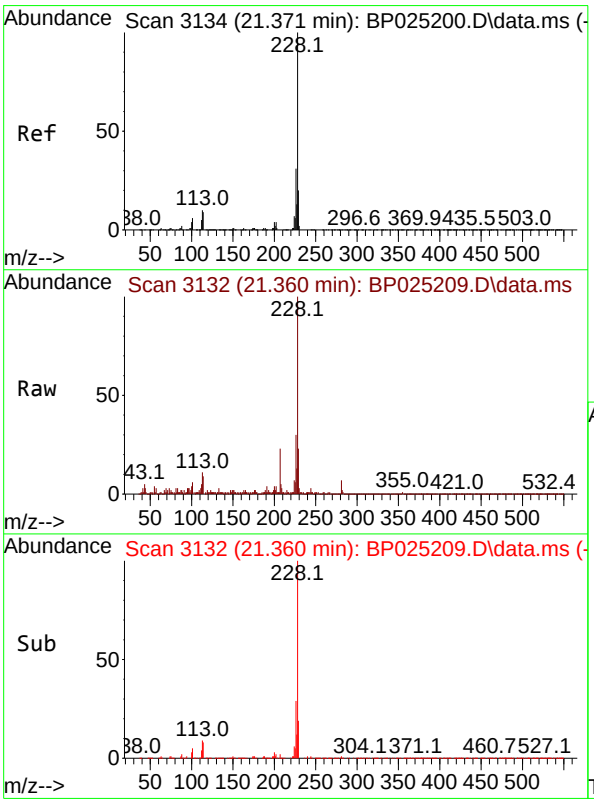
#81
Benzo(a)anthracene
Concen: 5.732 ng
RT: 21.360 min Scan# 3
Delta R.T. 0.053 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:228 Resp: 1387605

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	23.0	16.2	24.2

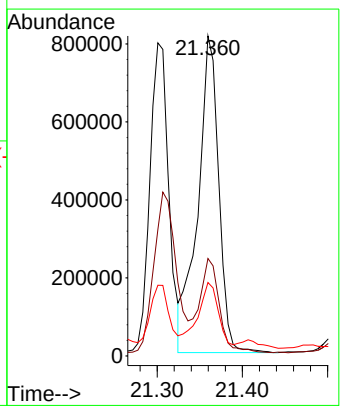


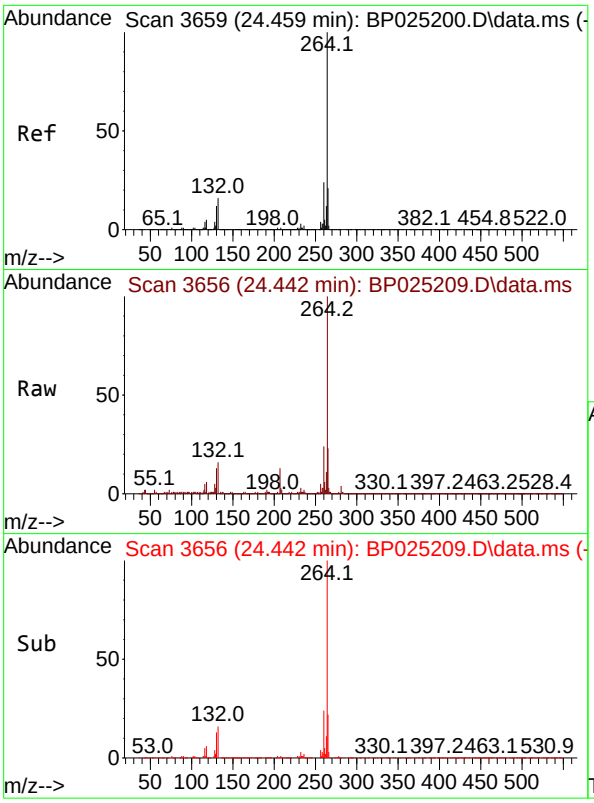


#83
Chrysene
Concen: 6.141 ng
RT: 21.360 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:228 Resp: 1387605

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	23.0	16.0	24.0



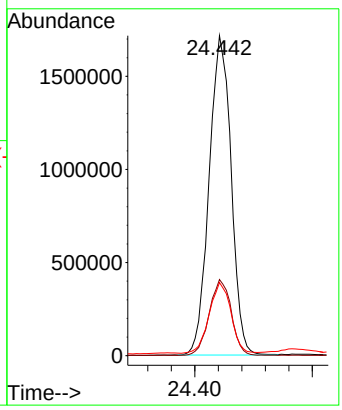


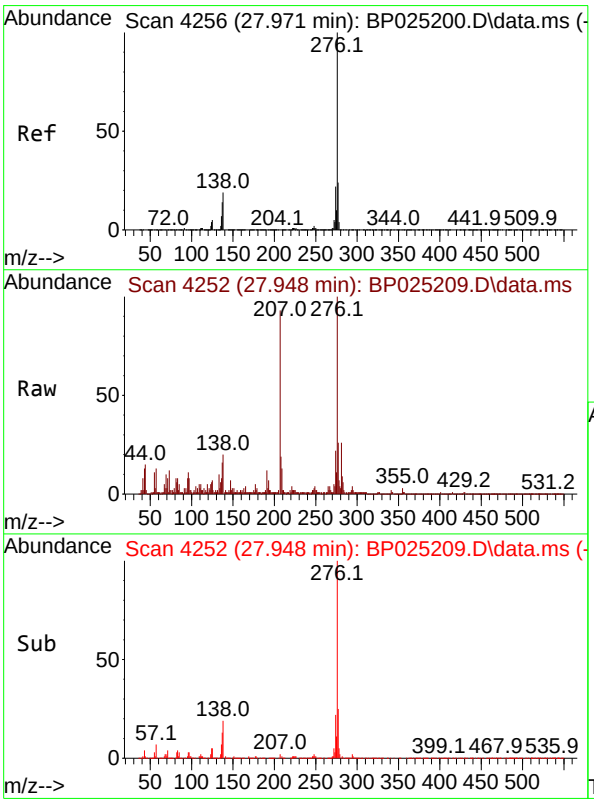
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.442 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:264 Resp: 4465382

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.9	17.5	26.3

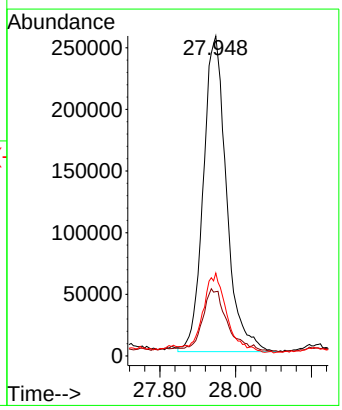


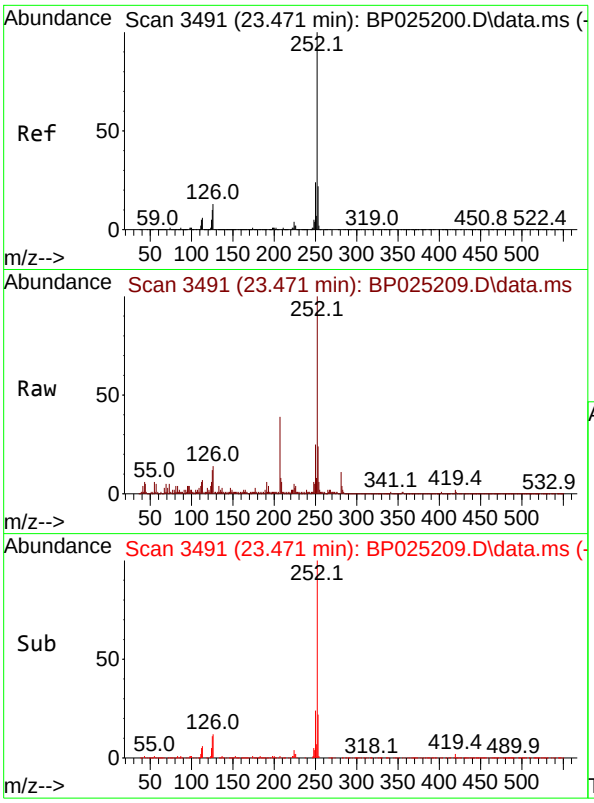


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.326 ng
RT: 27.948 min Scan# 4252
Delta R.T. -0.023 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:276 Resp: 1085417

Ion	Ratio	Lower	Upper
276	100		
138	21.9	12.8	19.2#
277	25.1	20.3	30.5



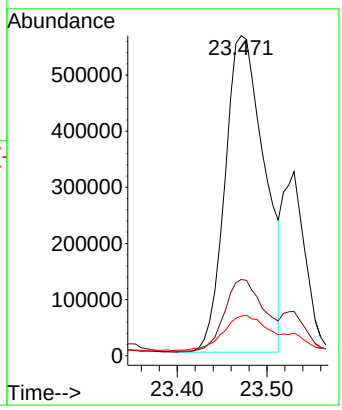


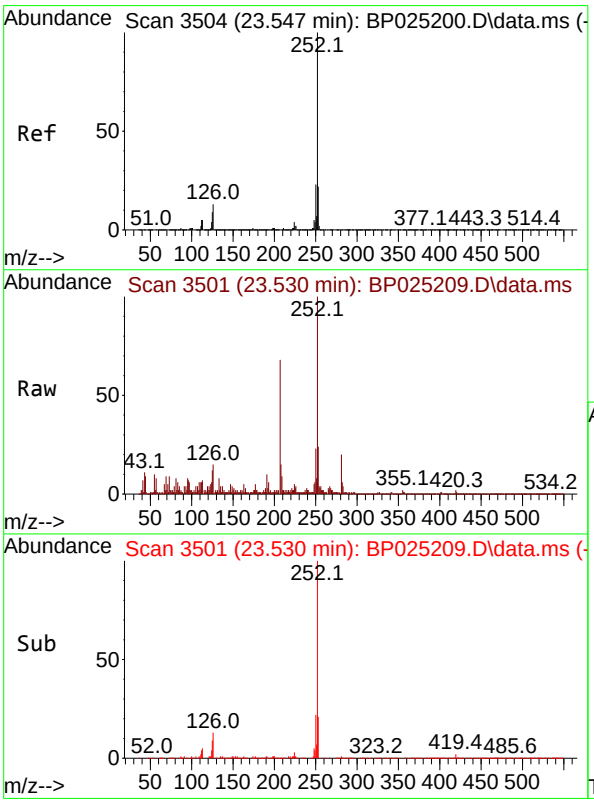
#88
Benzo(b)fluoranthene
Concen: 6.770 ng
RT: 23.471 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:252 Resp: 1730476

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.4	7.8	11.8#

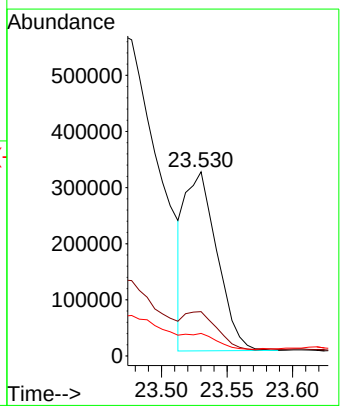


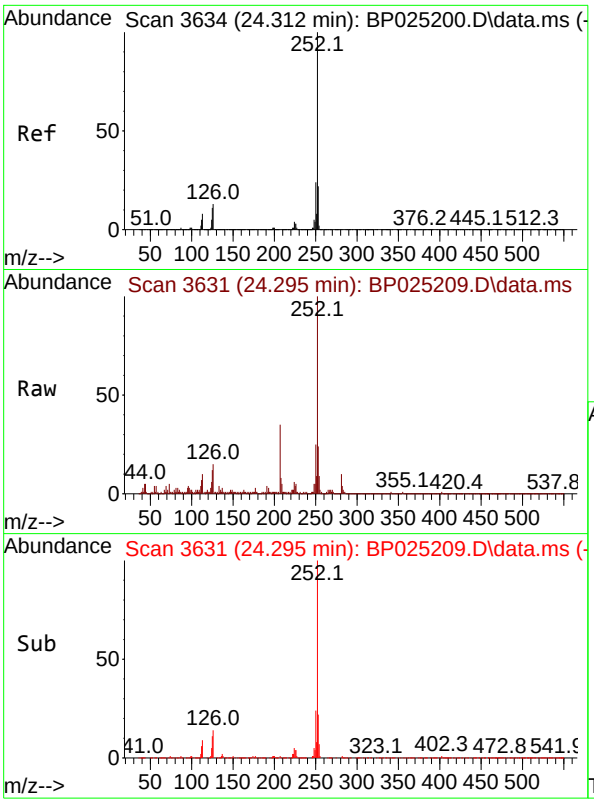


#89
Benzo(k)fluoranthene
Concen: 2.151 ng
RT: 23.530 min Scan# 3501
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:252 Resp: 542706

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	12.2	7.5	11.3#



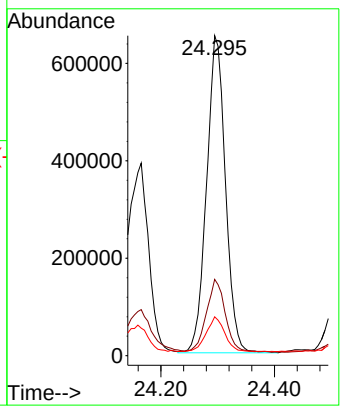


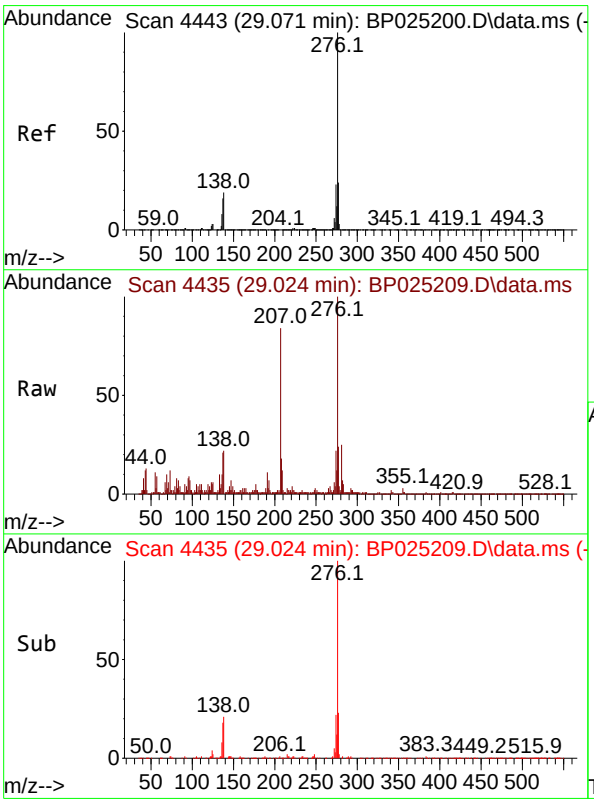
#90
Benzo(a)pyrene
Concen: 6.004 ng
RT: 24.295 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-39-071725

Tgt Ion:252 Resp: 1497330

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	12.2	8.6	12.8

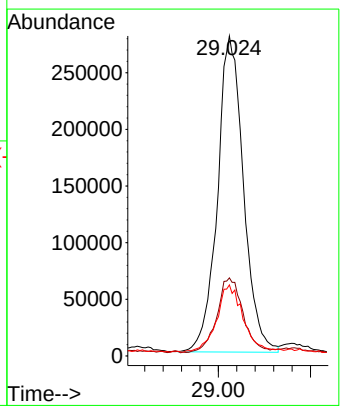




#92
Benzo(g,h,i)perylene
Concen: 4.184 ng
RT: 29.024 min Scan# 4435
Delta R.T. -0.047 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:276 Resp: 1094765

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	22.2	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Quant Time: Jul 22 12:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	870169	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	3344284	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1975954	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	3638856	20.000	ng		0.00
76) Chrysene-d12	21.324	240	3558679	20.000	ng		0.00
86) Perylene-d12	24.460	264	4138303	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	3955332	76.802	ng		0.00
7) Phenol-d6	6.637	99	4880822	76.520	ng		0.00
23) Nitrobenzene-d5	8.566	82	3022658	50.229	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	2274627	78.086	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	7321746	52.240	ng		0.00
79) Terphenyl-d14	19.660	244	9342690	51.825	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.795	152	540510	2.988	ng		100
71) Phenanthrene	16.931	178	620121	3.160	ng		100
72) Anthracene	17.036	178	420458	2.127	ng		98
75) Fluoranthene	19.036	202	1872149	8.105	ng		99
78) Pyrene	19.413	202	2367877	10.791	ng		98
81) Benzo(a)anthracene	21.366	228	1784185	7.939	ng		94
83) Chrysene	21.366	228	1784185	8.505	ng		97
87) Indeno(1,2,3-cd)pyrene	27.971	276	1259500	4.165	ng	#	95
88) Benzo(b)fluoranthene	23.460	252	2032653	8.581	ng	#	96
89) Benzo(k)fluoranthene	23.460	252	2032653	8.692	ng	#	95
90) Benzo(a)pyrene	24.289	252	1794768	7.766	ng		97
92) Benzo(g,h,i)perylene	29.059	276	1256583	5.182	ng		96

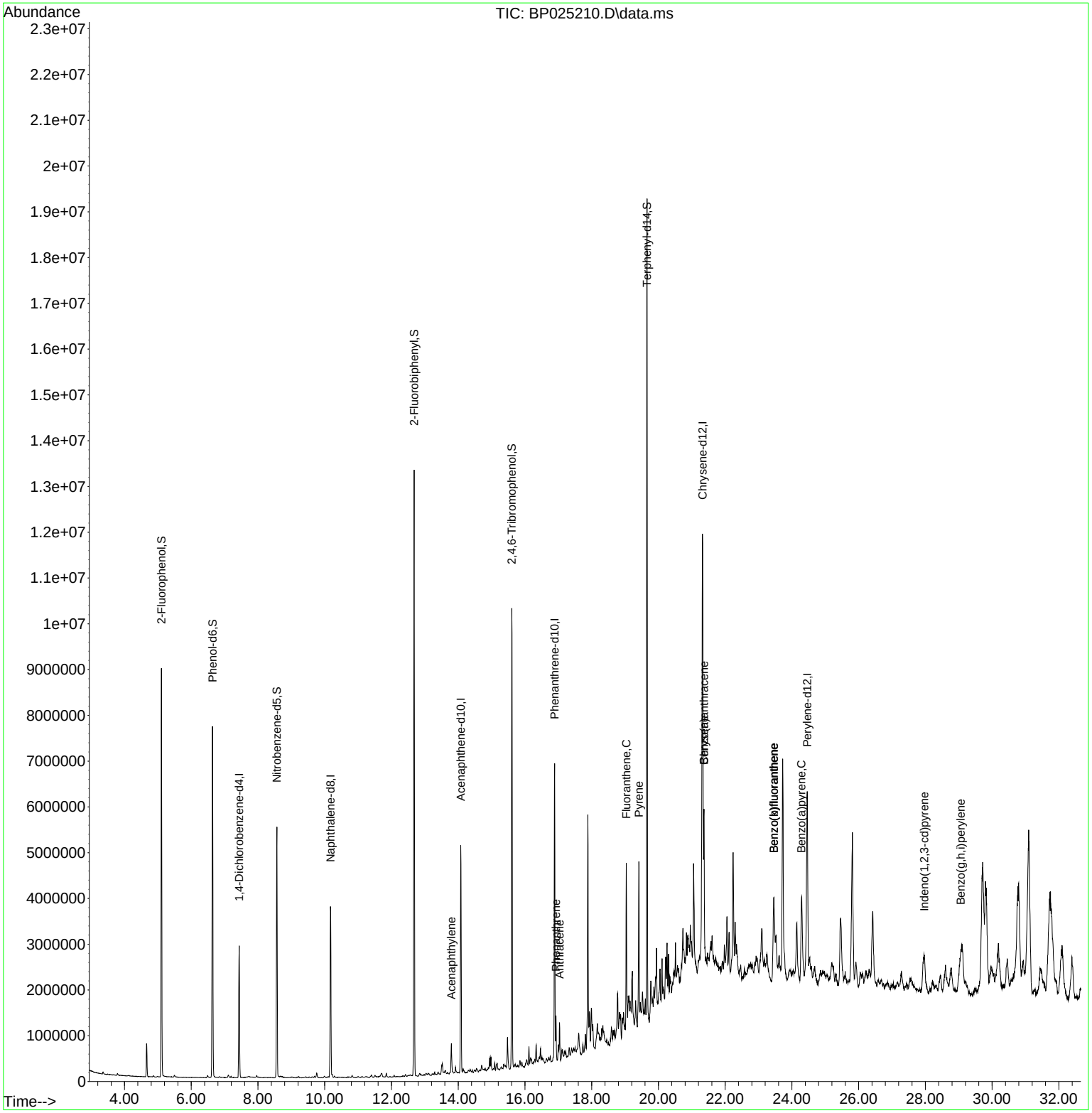
(#) = qualifier out of range (m) = manual integration (+) = signals summed

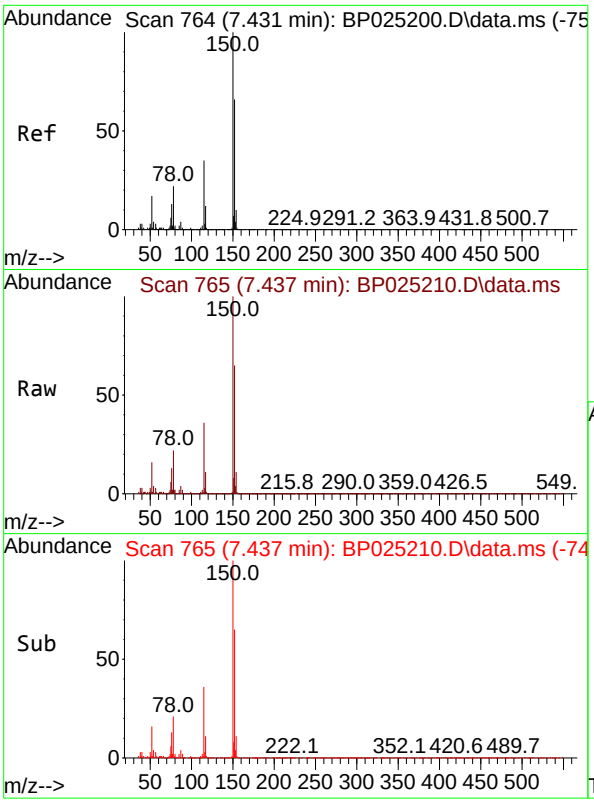
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Quant Time: Jul 22 12:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



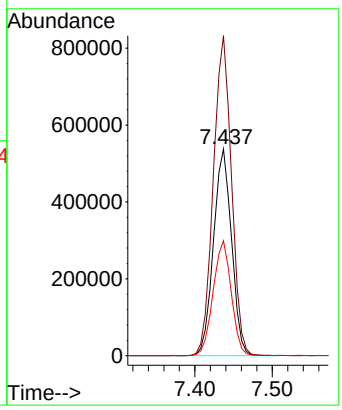


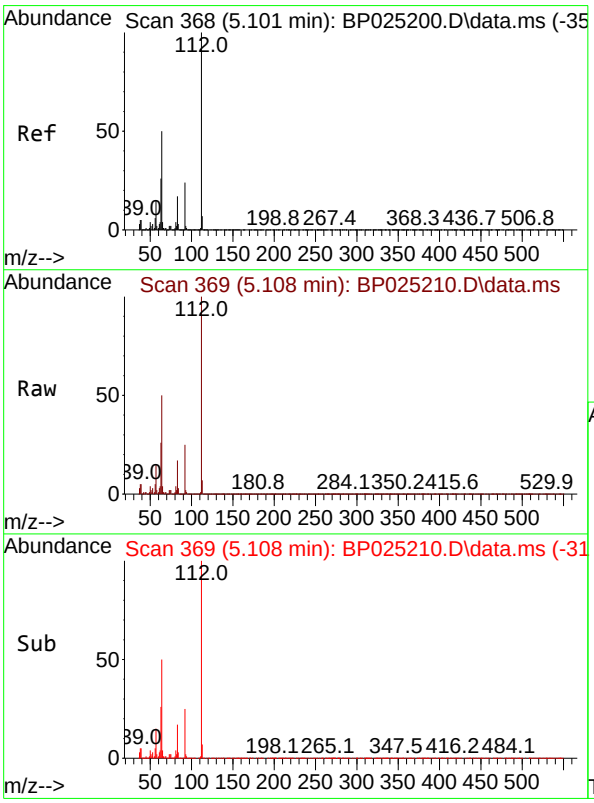
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:152 Resp: 870169

Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.9	182.9
115	55.6	43.0	64.6

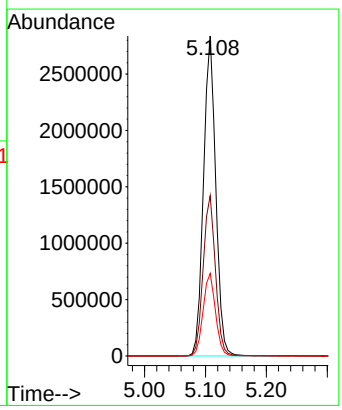


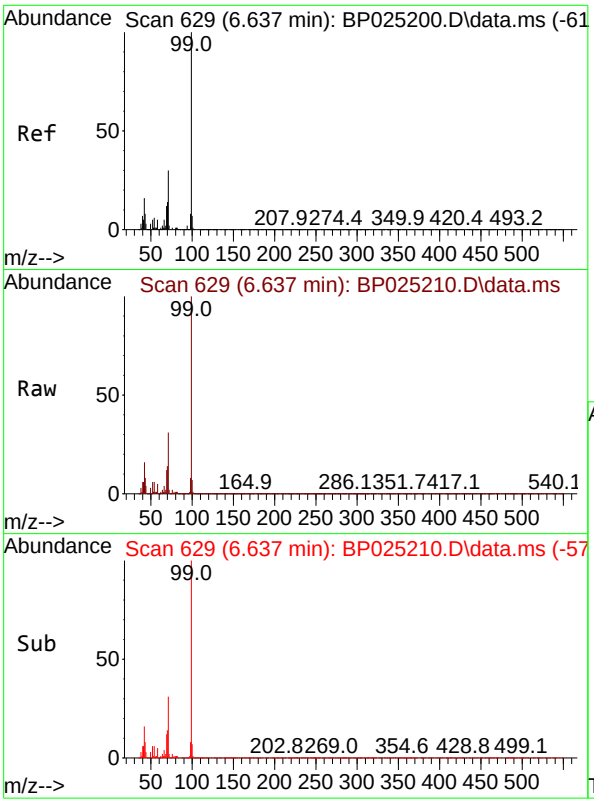


#5
2-Fluorophenol
Concen: 76.802 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:112 Resp: 3955332

Ion	Ratio	Lower	Upper
112	100		
64	50.1	39.8	59.6
63	25.8	20.5	30.7



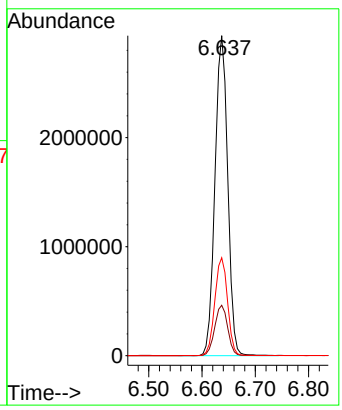


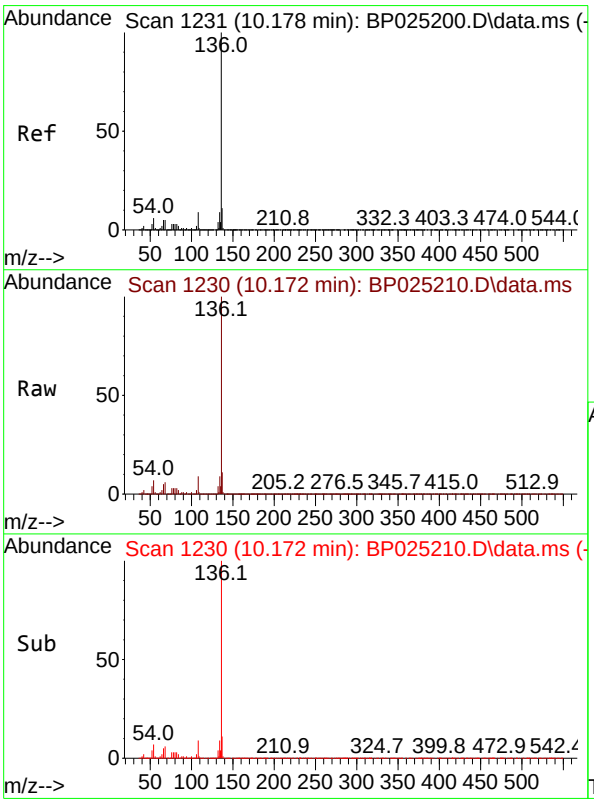
#7
Phenol-d6
Concen: 76.520 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion: 99 Resp: 4880822

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.6	24.2	36.2

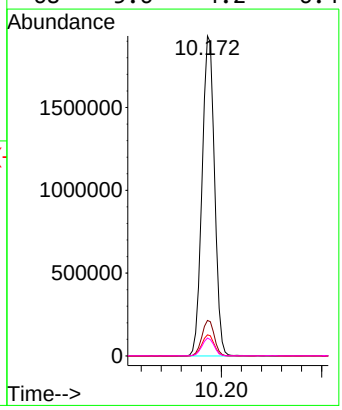


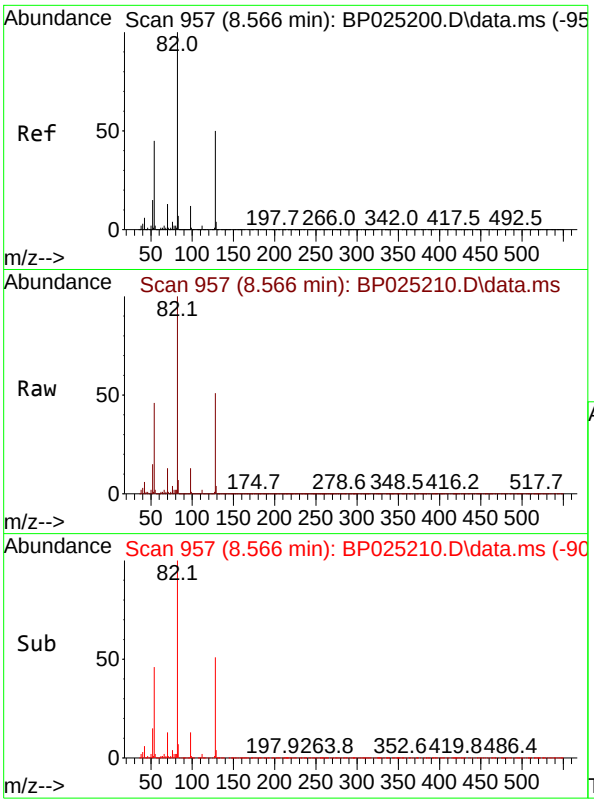


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:136 Resp: 3344284

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.6	5.1	7.7
68	5.6	4.2	6.4



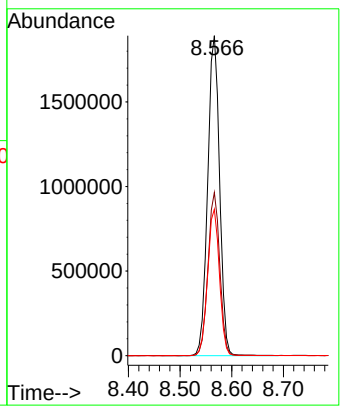


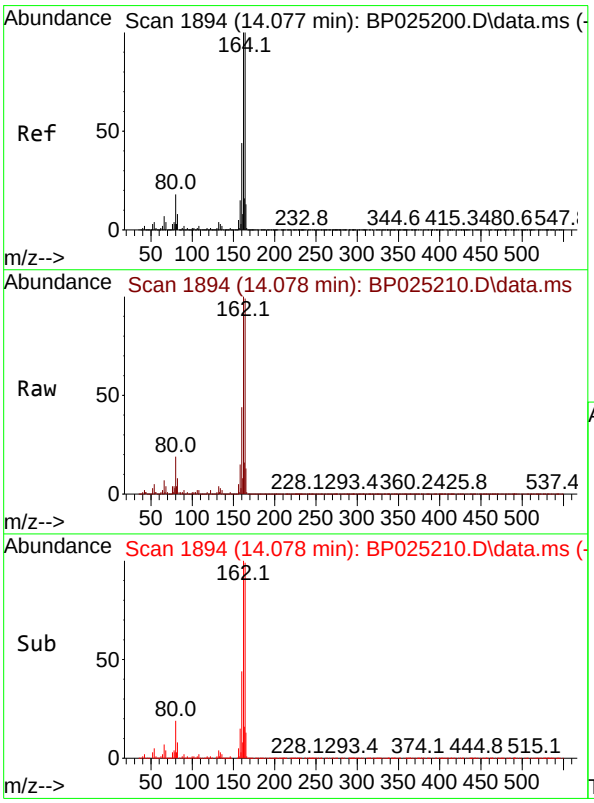
#23
Nitrobenzene-d5
Concen: 50.229 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion: 82 Resp: 3022658

Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.2	60.4
54	45.8	36.3	54.5

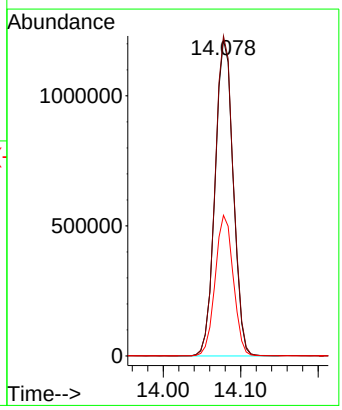


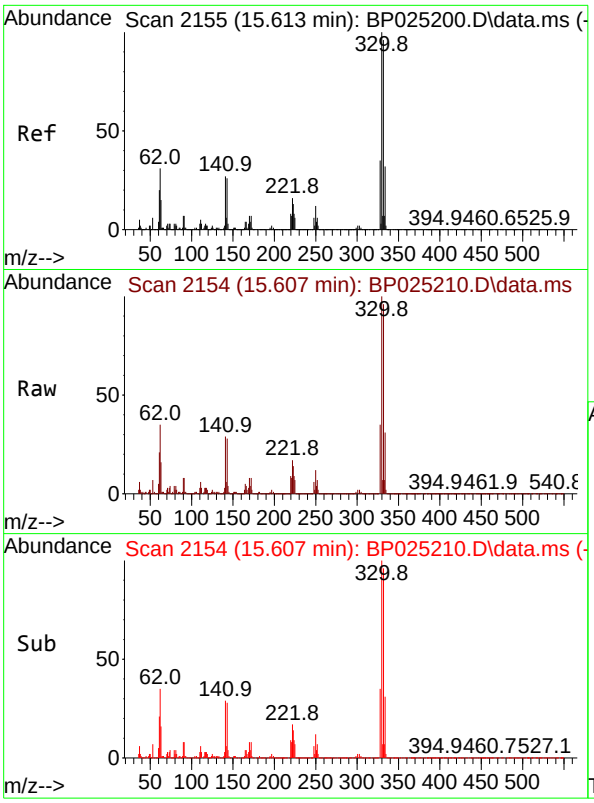


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:164 Resp: 1975954

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	44.4	35.7	53.5



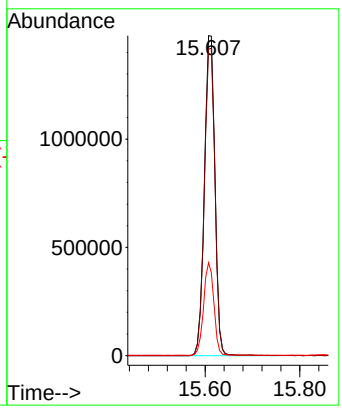


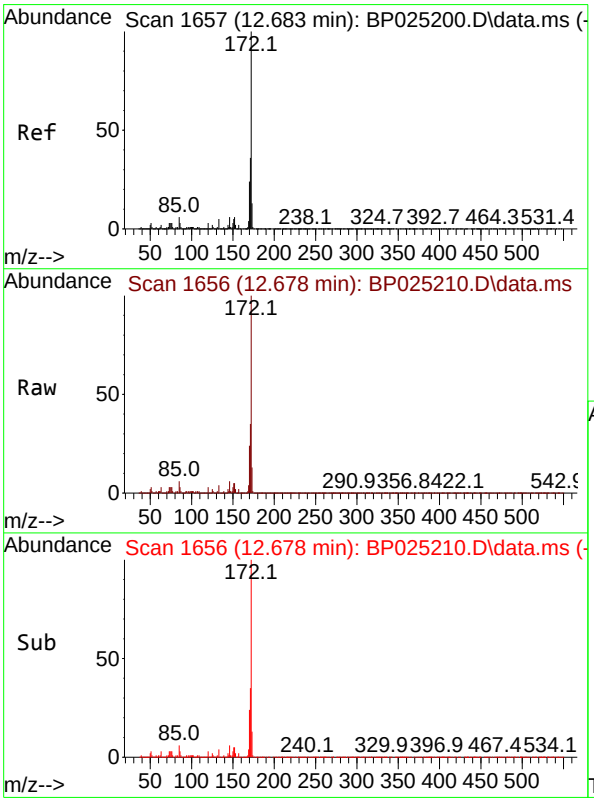
#42
2,4,6-Tribromophenol
Concen: 78.086 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:330 Resp: 2274627

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	28.2	22.4	33.6

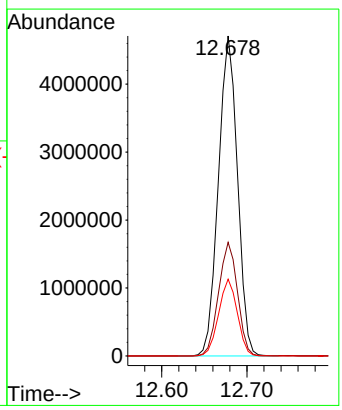


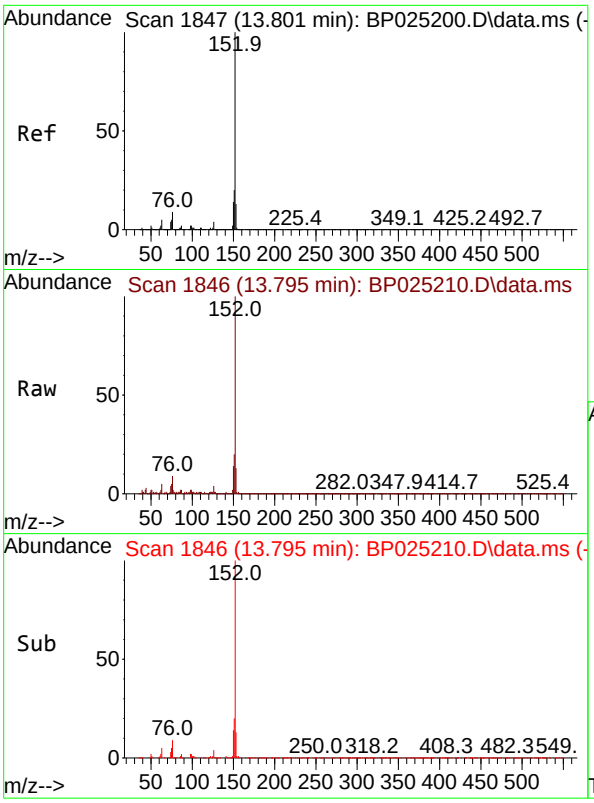


#45
2-Fluorobiphenyl
Concen: 52.240 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:172 Resp: 7321746

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	24.0	19.2	28.8



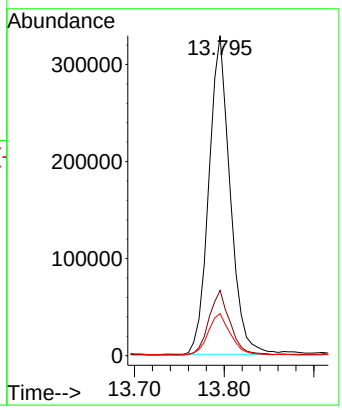


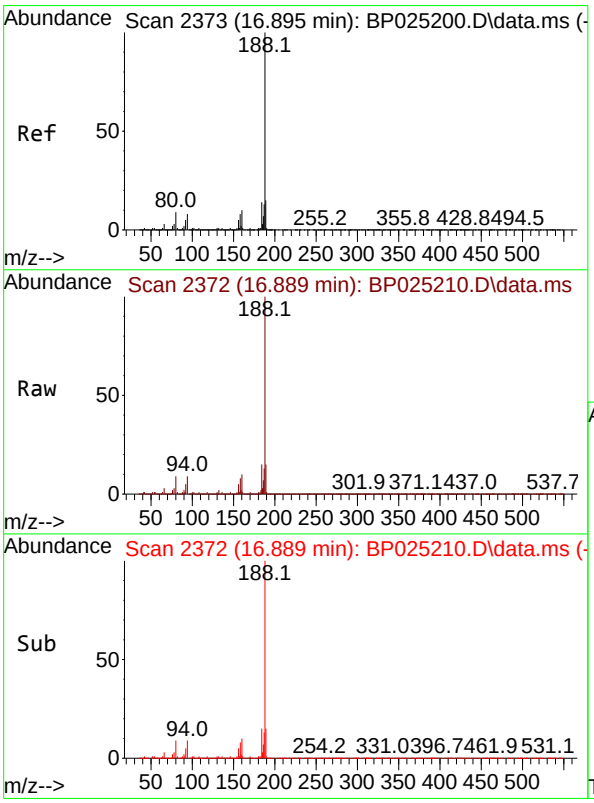
#49
Acenaphthylene
Concen: 2.988 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:152 Resp: 540510

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.2	10.6	15.8

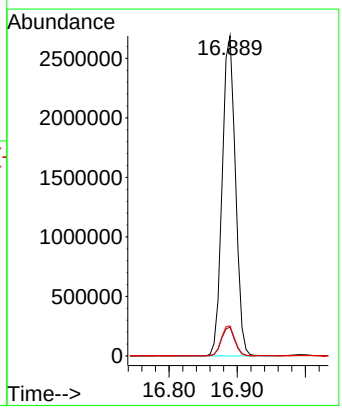


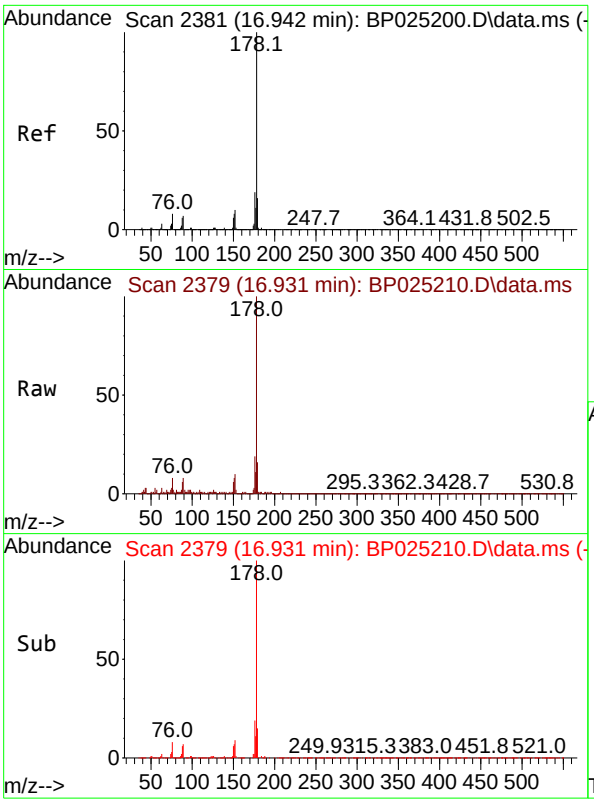


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:188 Resp: 3638856

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.4	7.3	10.9



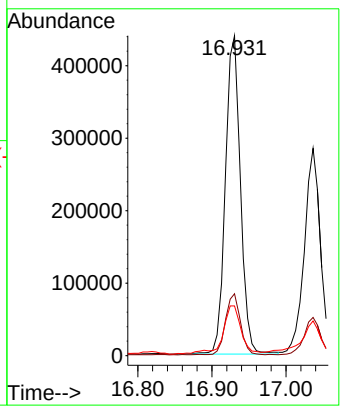


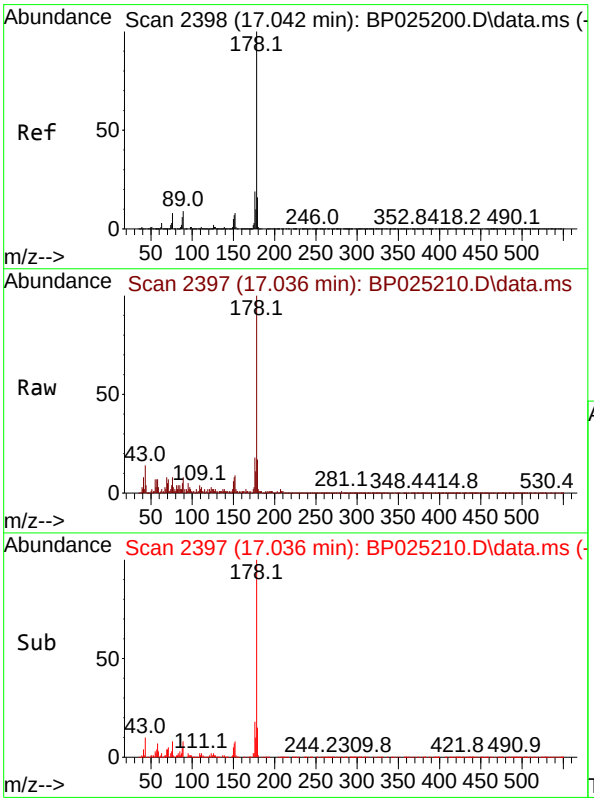
#71
Phenanthrene
Concen: 3.160 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:178 Resp: 620121

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.5	18.7

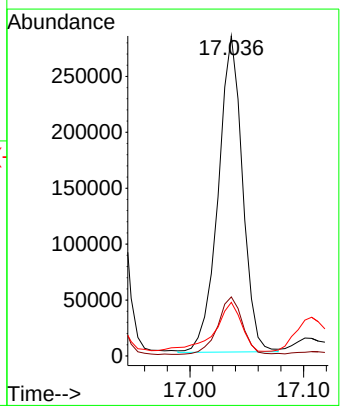


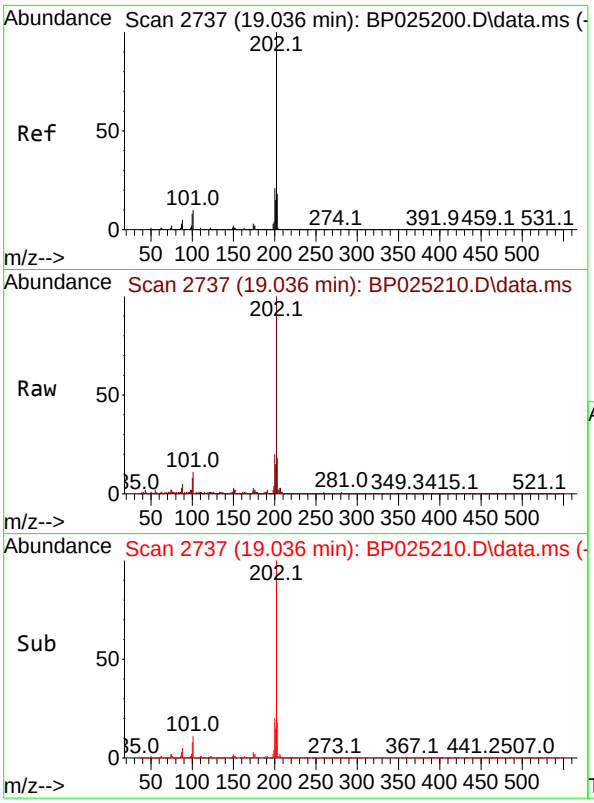


#72
Anthracene
Concen: 2.127 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:178 Resp: 420458

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.8	12.5	18.7



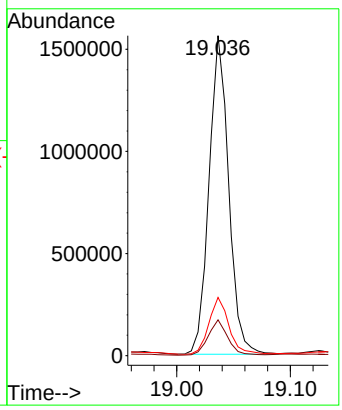


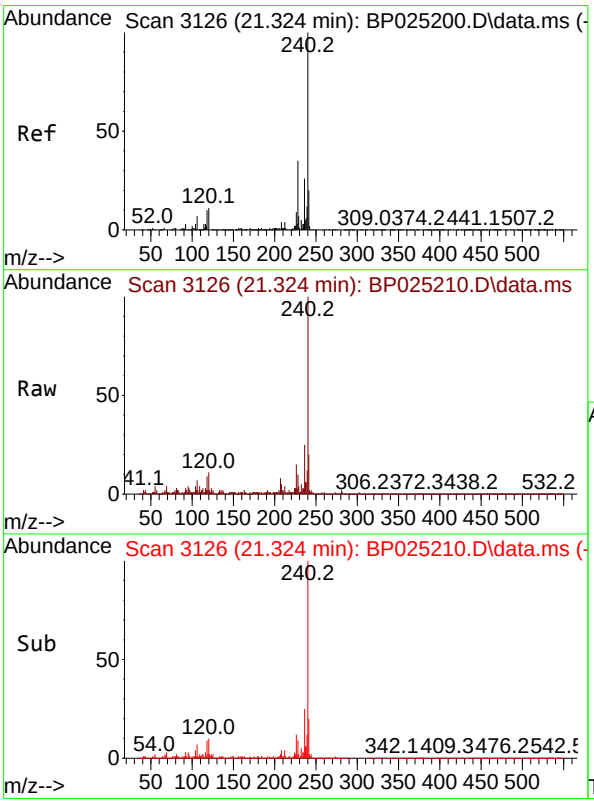
#75
Fluoranthene
Concen: 8.105 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:202 Resp: 1872149

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.2	0.0	38.0

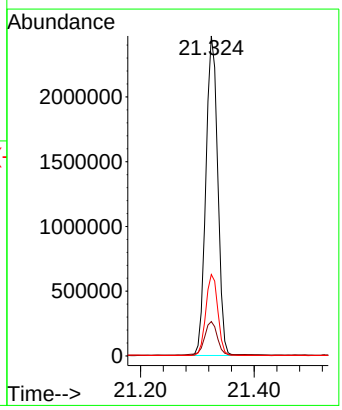


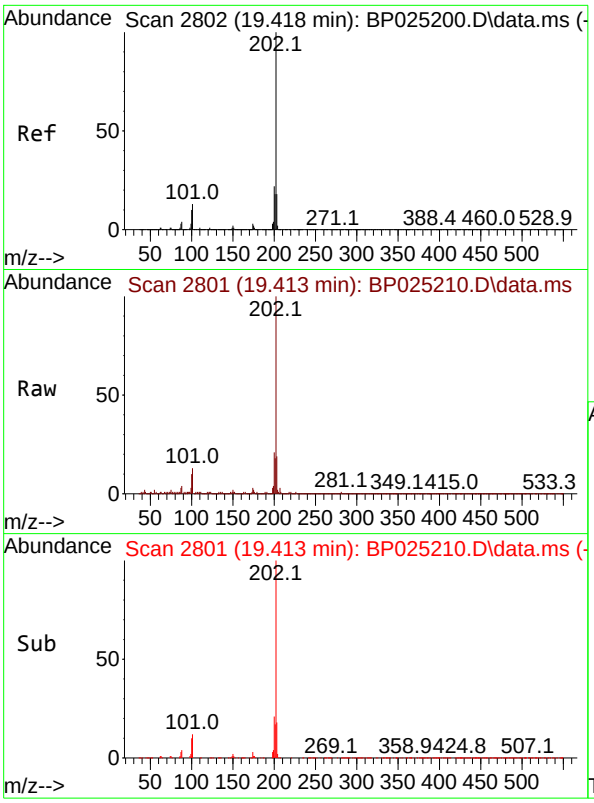


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:240 Resp: 3558679

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	25.5	20.9	31.3



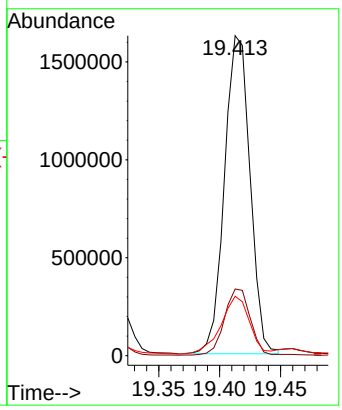


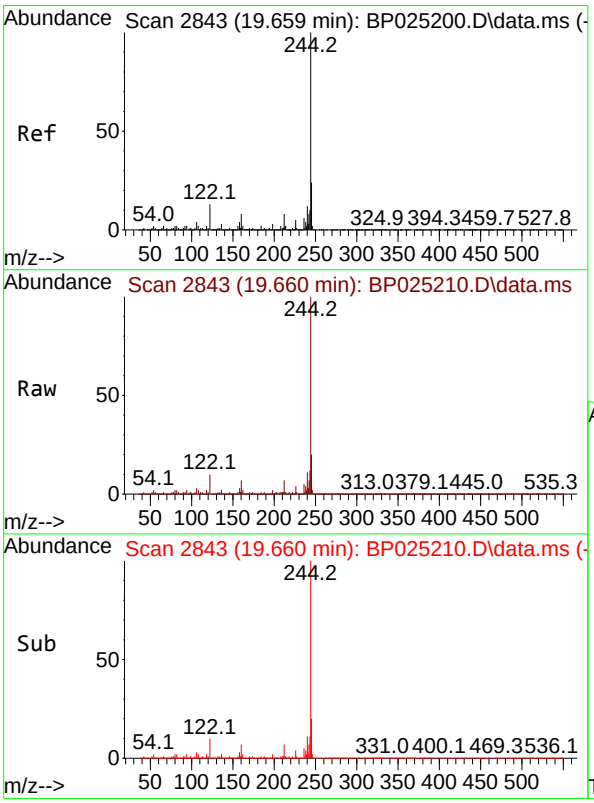
#78
Pyrene
Concen: 10.791 ng
RT: 19.413 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:202 Resp: 2367877

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.5	14.3	21.5

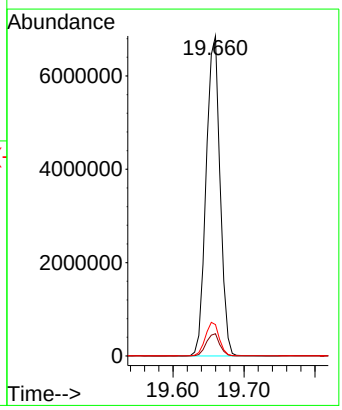


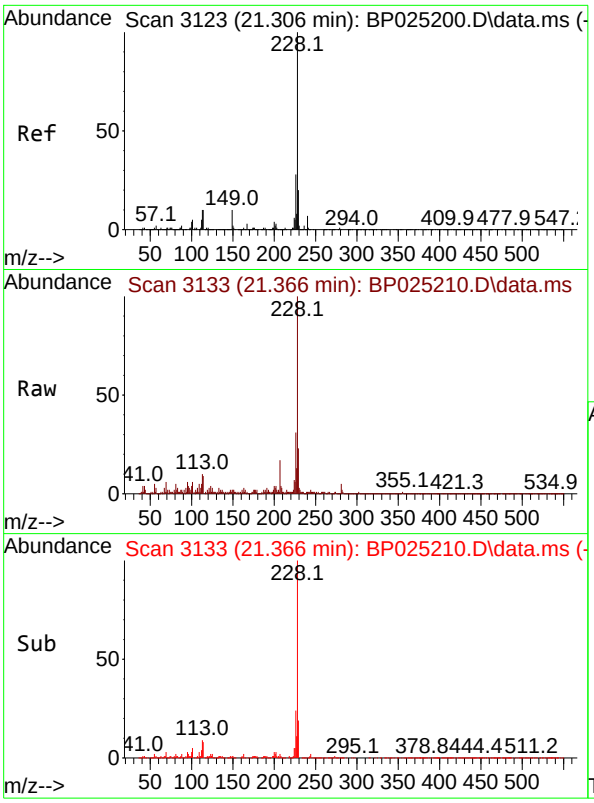


#79
Terphenyl-d14
Concen: 51.825 ng
RT: 19.660 min Scan# 2843
Delta R.T. 0.001 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:244 Resp: 9342690

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	9.8
122	9.8	10.3	15.5#



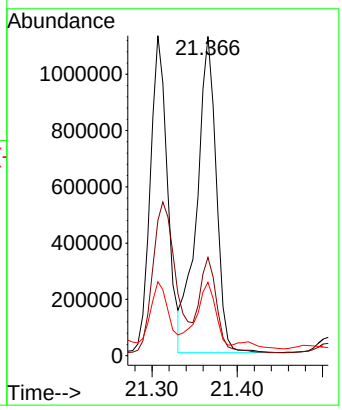


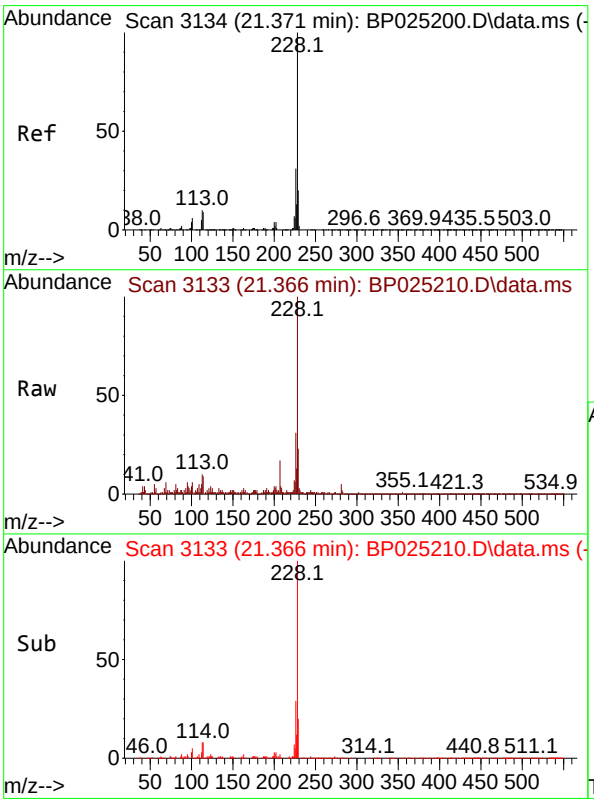
#81
Benzo(a)anthracene
Concen: 7.939 ng
RT: 21.366 min Scan# 3
Delta R.T. 0.059 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:228 Resp: 1784185

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.3	33.5
229	23.0	16.2	24.2

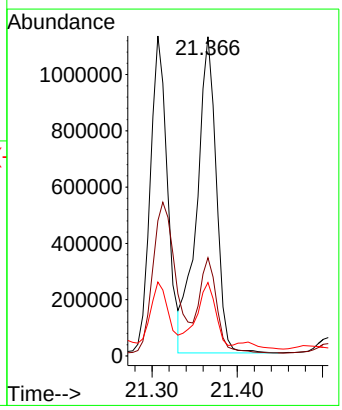


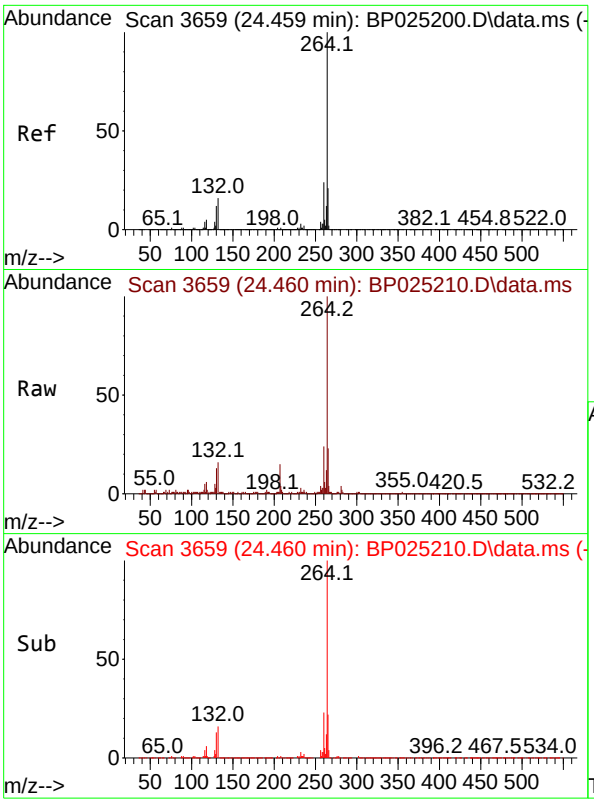


#83
Chrysene
Concen: 8.505 ng
RT: 21.366 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:228 Resp: 1784185

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	23.0	16.0	24.0



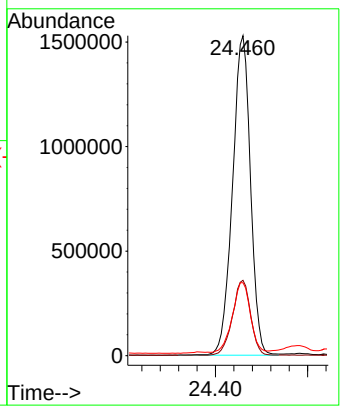


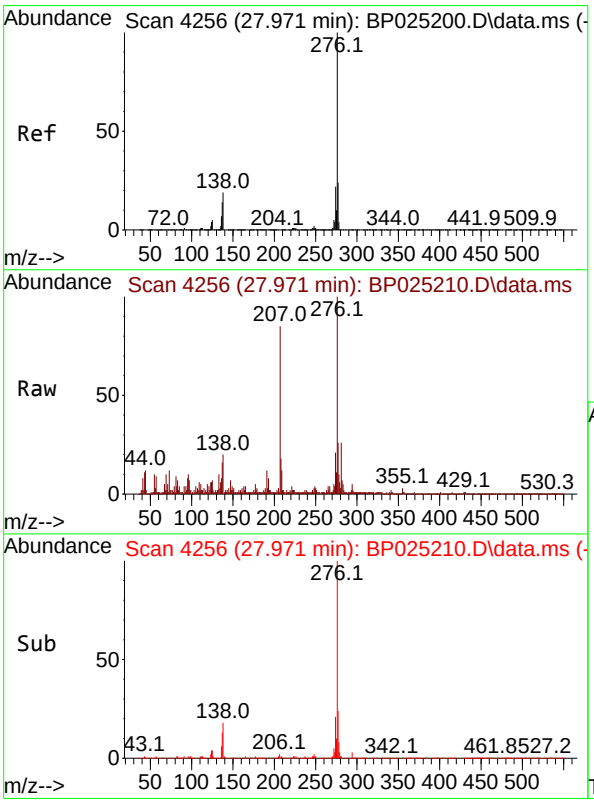
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:264 Resp: 4138303

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.8	17.5	26.3

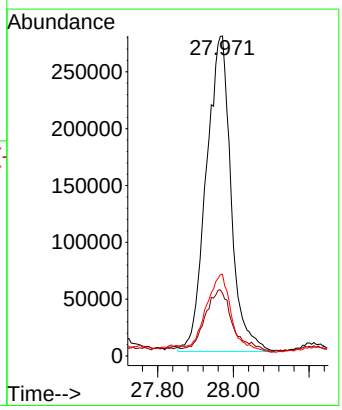


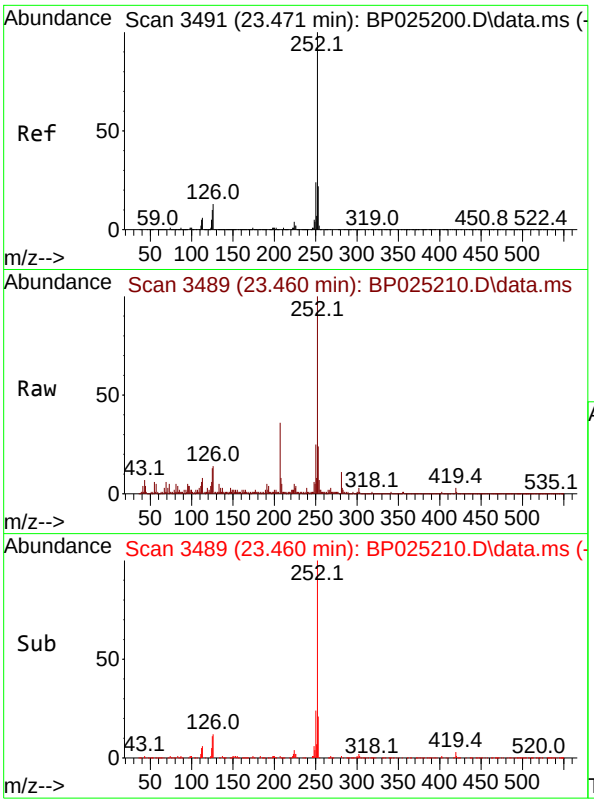


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.165 ng
RT: 27.971 min Scan# 4256
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:276 Resp: 1259500

Ion	Ratio	Lower	Upper
276	100		
138	21.6	12.8	19.2#
277	25.5	20.3	30.5



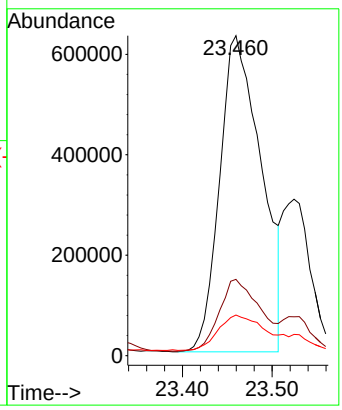


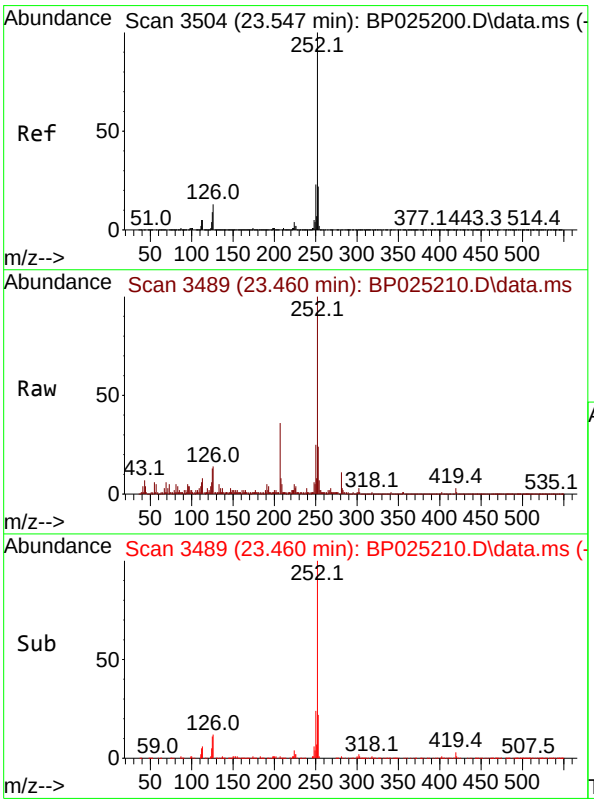
#88
Benzo(b)fluoranthene
Concen: 8.581 ng
RT: 23.460 min Scan# 34
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:252 Resp: 2032653

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.7	7.8	11.8#

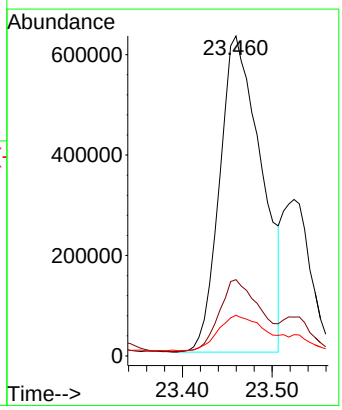


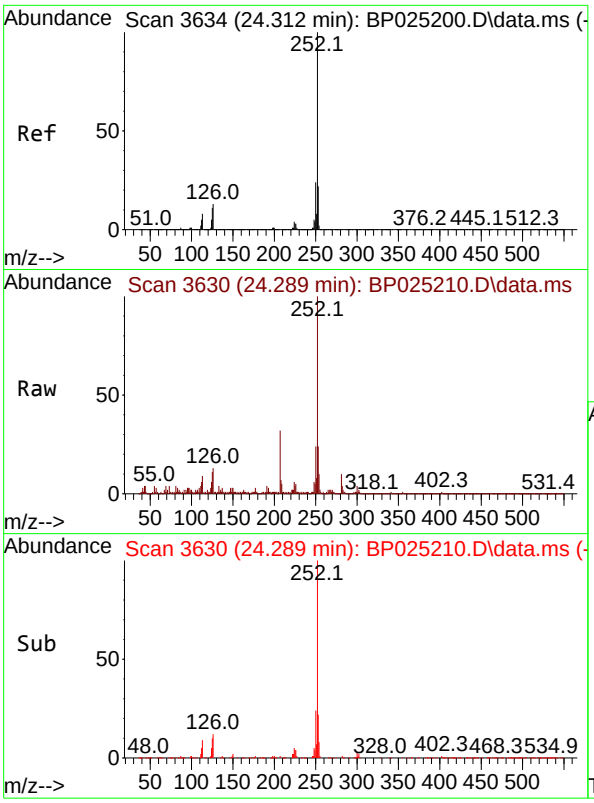


#89
Benzo(k)fluoranthene
Concen: 8.692 ng
RT: 23.460 min Scan# 3489
Delta R.T. -0.088 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:252 Resp: 2032653

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	12.7	7.5	11.3#



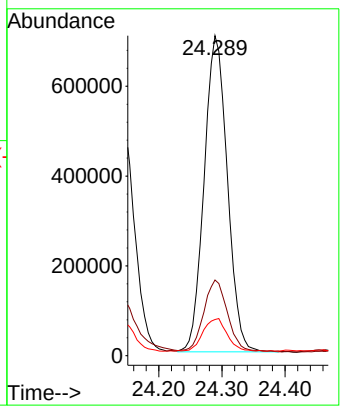


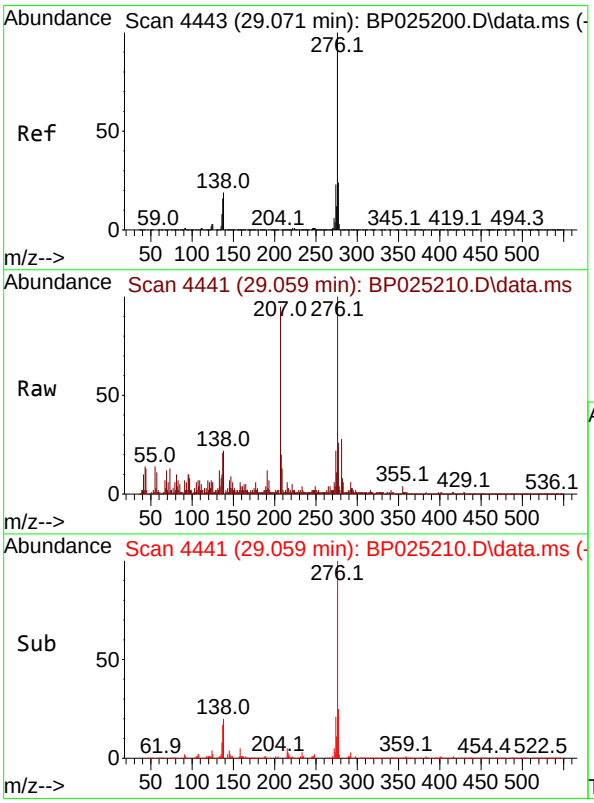
#90
Benzo(a)pyrene
Concen: 7.766 ng
RT: 24.289 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-40-071725

Tgt Ion:252 Resp: 1794768

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	11.3	8.6	12.8

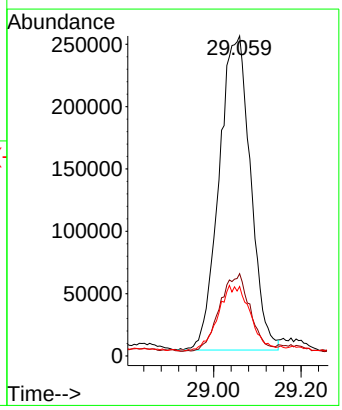




#92
Benzo(g,h,i)perylene
Concen: 5.182 ng
RT: 29.059 min Scan# 4441
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:276 Resp: 1256583

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.2	28.8
138	21.7	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Quant Time: Jul 22 12:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	881585	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	3356745	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	2011979	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	3659937	20.000	ng		0.01
76) Chrysene-d12	21.336	240	3519090	20.000	ng		0.01
86) Perylene-d12	24.454	264	4080535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	4289251	82.207	ng		0.00
7) Phenol-d6	6.637	99	5256369	81.340	ng		0.00
23) Nitrobenzene-d5	8.566	82	3257079	53.923	ng		0.00
42) 2,4,6-Tribromophenol	15.601	330	2459070	82.906	ng		-0.01
45) 2-Fluorobiphenyl	12.678	172	7771013	54.452	ng		0.00
79) Terphenyl-d14	19.660	244	9829821	55.140	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.789	152	540680	2.936	ng		100
71) Phenanthrene	16.948	178	582814	2.952	ng		99
75) Fluoranthene	19.054	202	1781552	7.669	ng		100
78) Pyrene	19.430	202	2183157	10.061	ng		99
81) Benzo(a)anthracene	21.383	228	1644272	7.399	ng		93
83) Chrysene	21.383	228	1644272	7.926	ng		97
87) Indeno(1,2,3-cd)pyrene	27.977	276	1268094	4.253	ng	#	95
88) Benzo(b)fluoranthene	23.483	252	1967135	8.422	ng		98
89) Benzo(k)fluoranthene	23.483	252	1967135	8.531	ng		97
90) Benzo(a)pyrene	24.307	252	1768051	7.758	ng		97
92) Benzo(g,h,i)perylene	29.071	276	1271085	5.316	ng		96

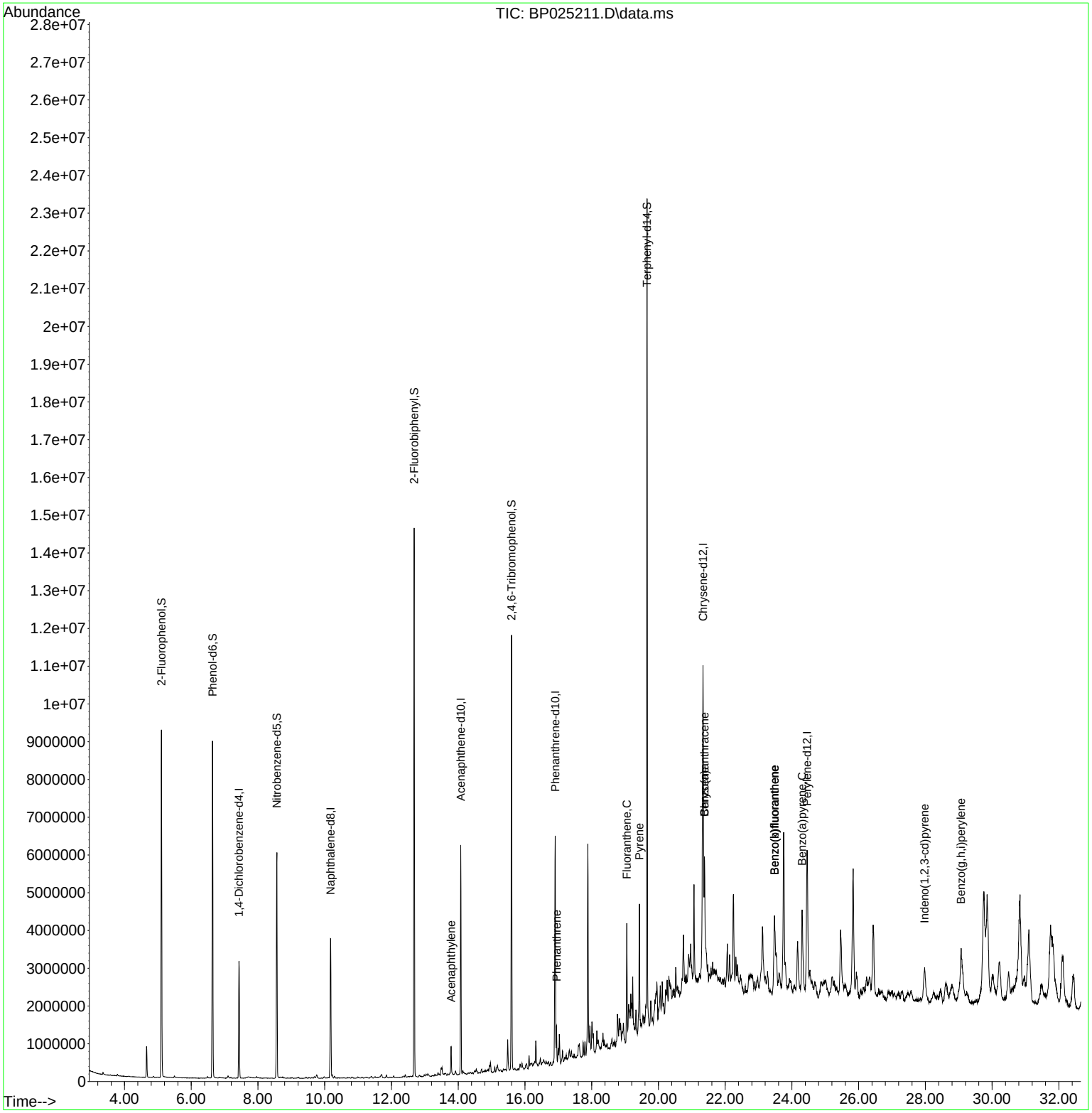
(#) = qualifier out of range (m) = manual integration (+) = signals summed

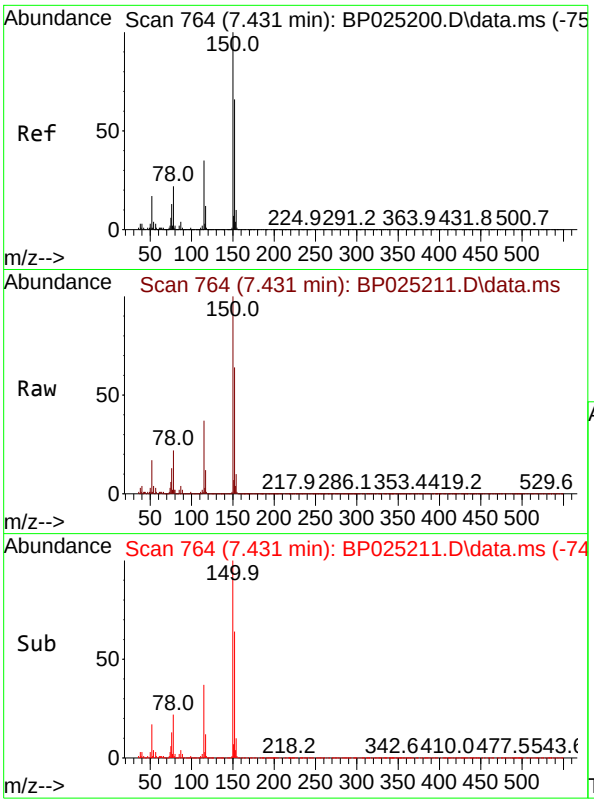
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Quant Time: Jul 22 12:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



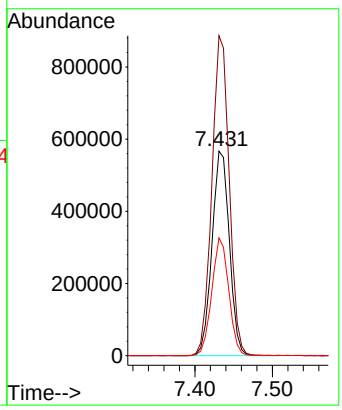


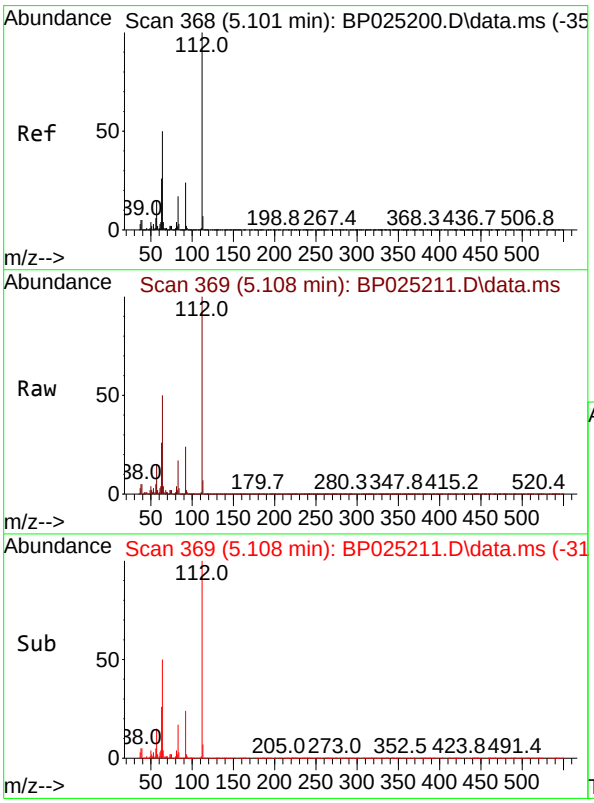
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7(
Delta R.T. -0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:152 Resp: 881585

Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.9	182.9
115	57.6	43.0	64.6

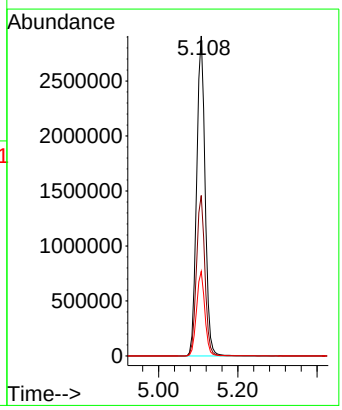


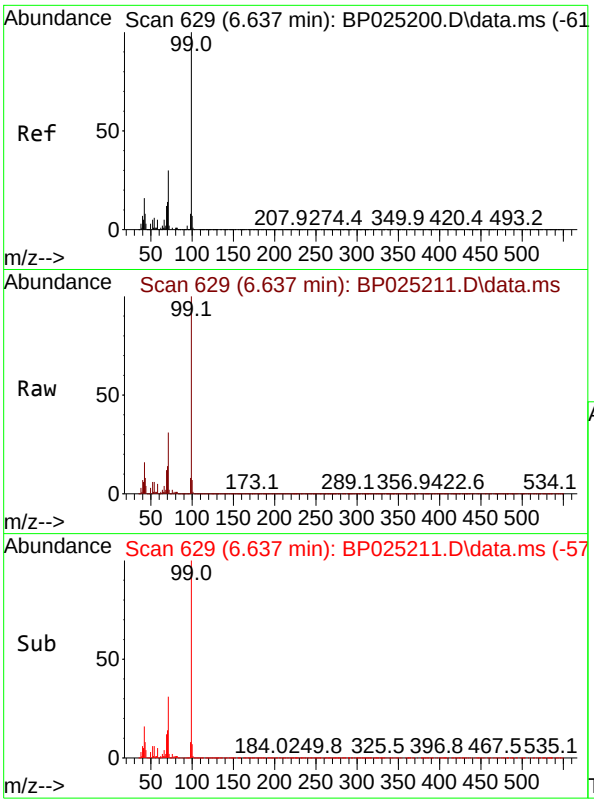


#5
2-Fluorophenol
Concen: 82.207 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:112 Resp: 4289251

Ion	Ratio	Lower	Upper
112	100		
64	50.1	39.8	59.6
63	26.4	20.5	30.7



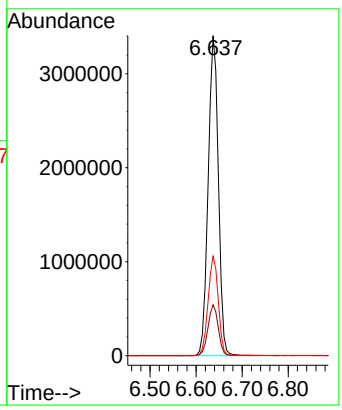


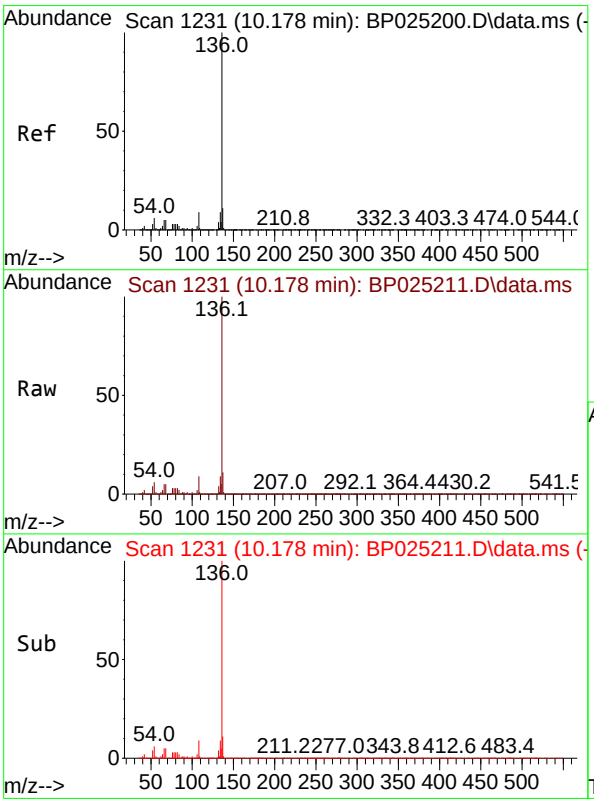
#7
Phenol-d6
Concen: 81.340 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion: 99 Resp: 5256369

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	31.1	24.2	36.2

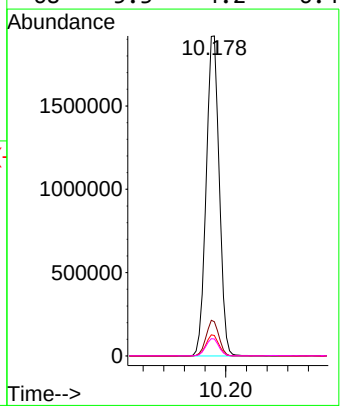


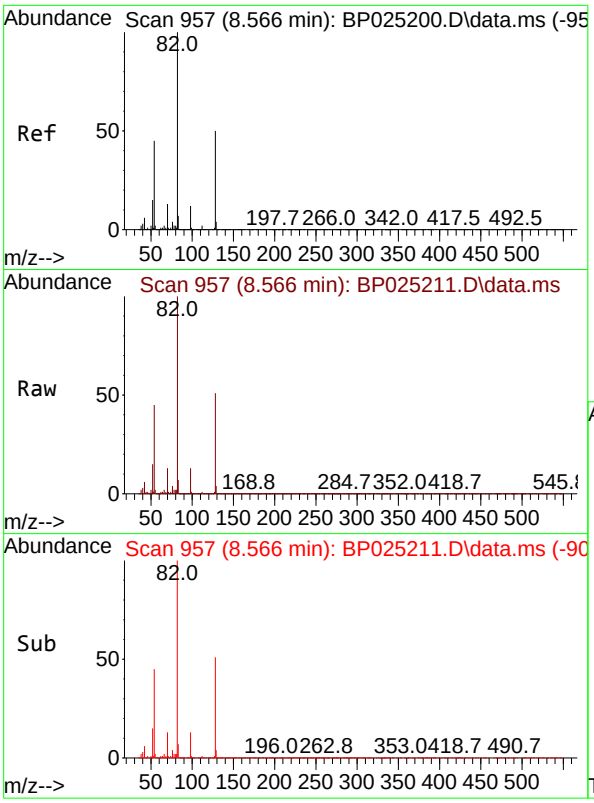


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:136 Resp: 3356745

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.4	5.1	7.7
68	5.3	4.2	6.4



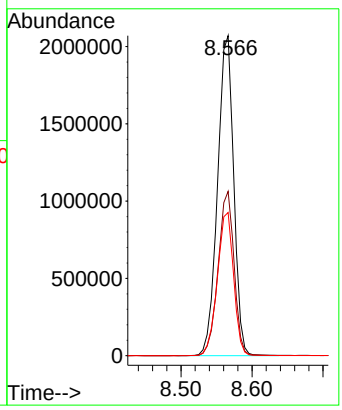


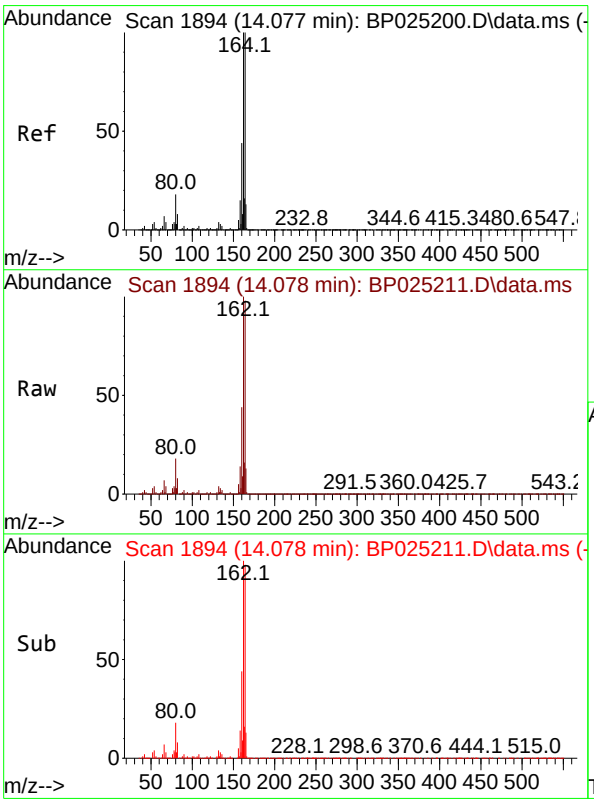
#23
Nitrobenzene-d5
Concen: 53.923 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion: 82 Resp: 3257079

Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.2	60.4
54	44.8	36.3	54.5

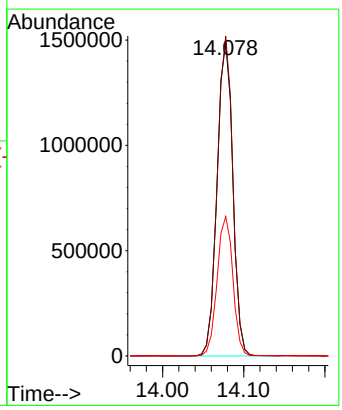


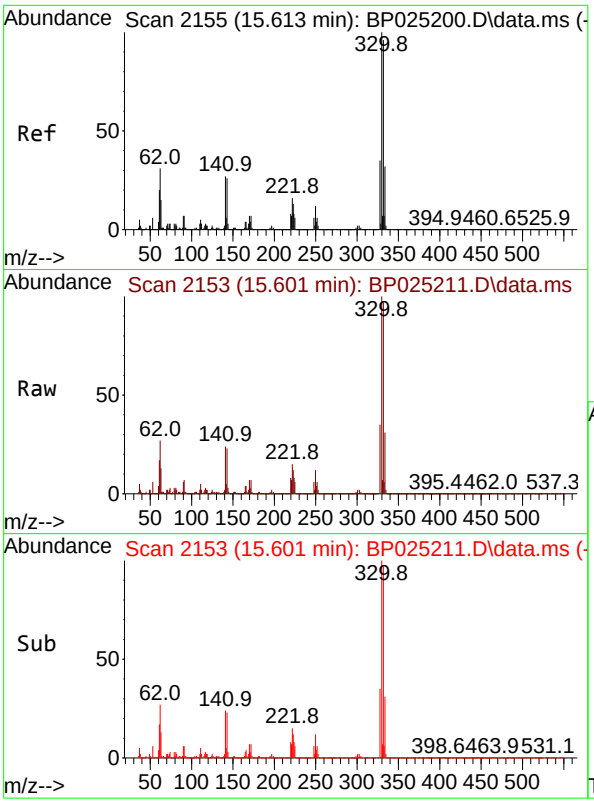


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:164 Resp: 2011979

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.3	120.5
160	44.5	35.7	53.5



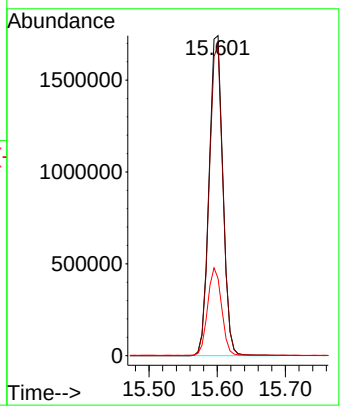


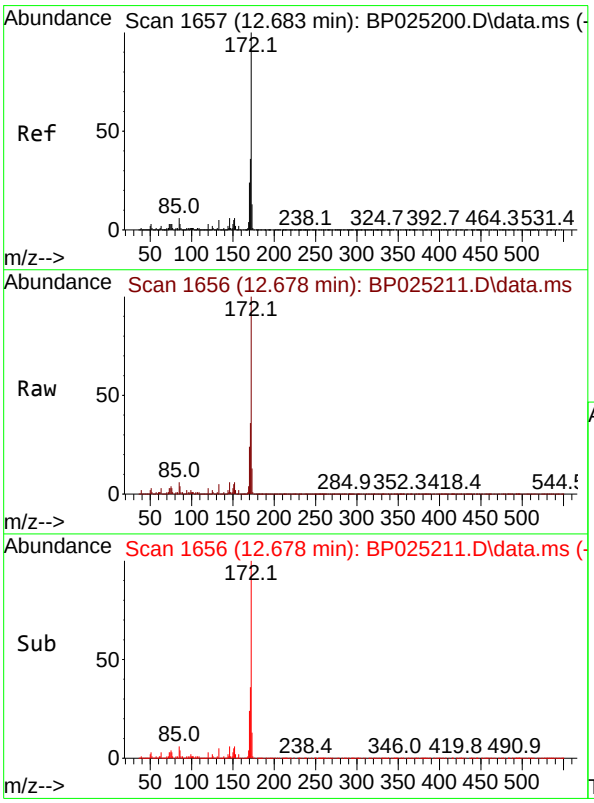
#42
2,4,6-Tribromophenol
Concen: 82.906 ng
RT: 15.601 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:330 Resp: 2459070

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	27.4	22.4	33.6

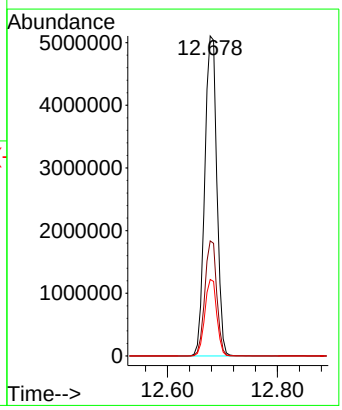


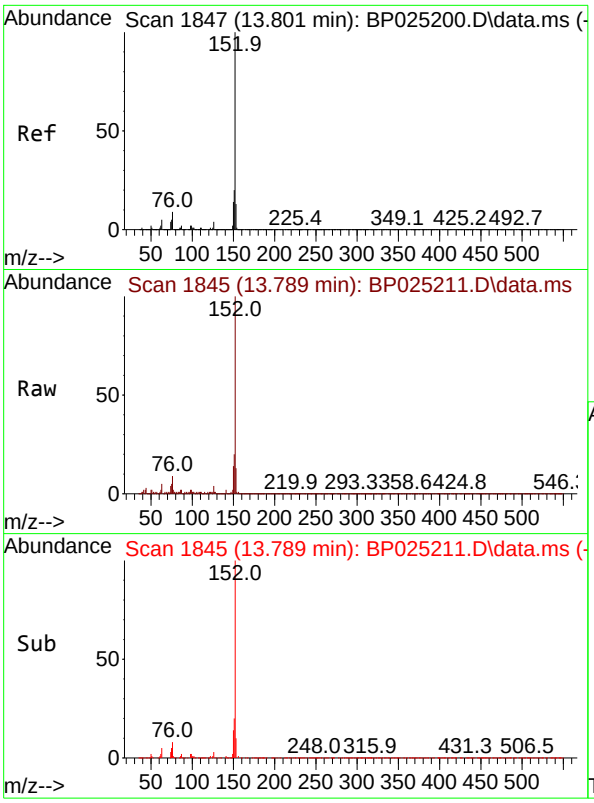


#45
2-Fluorobiphenyl
Concen: 54.452 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:172 Resp: 7771013

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.9	19.2	28.8



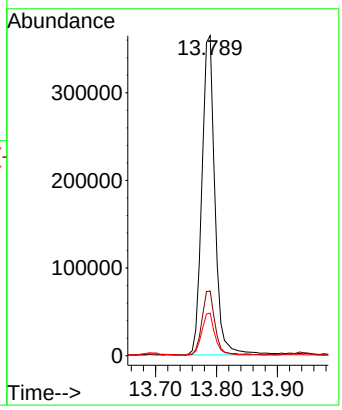


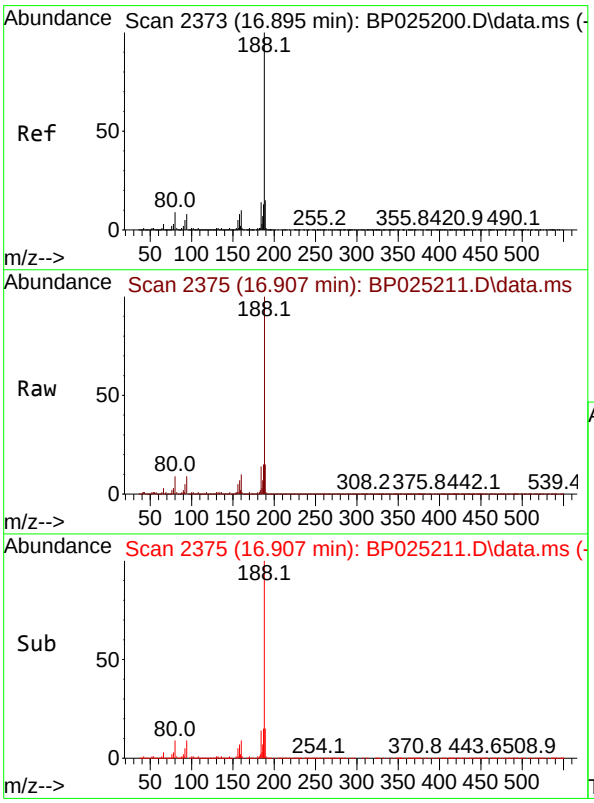
#49
Acenaphthylene
Concen: 2.936 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:152 Resp: 540680

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	15.8

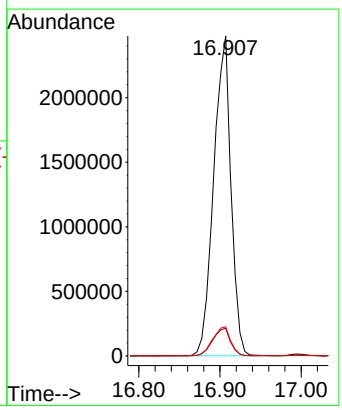


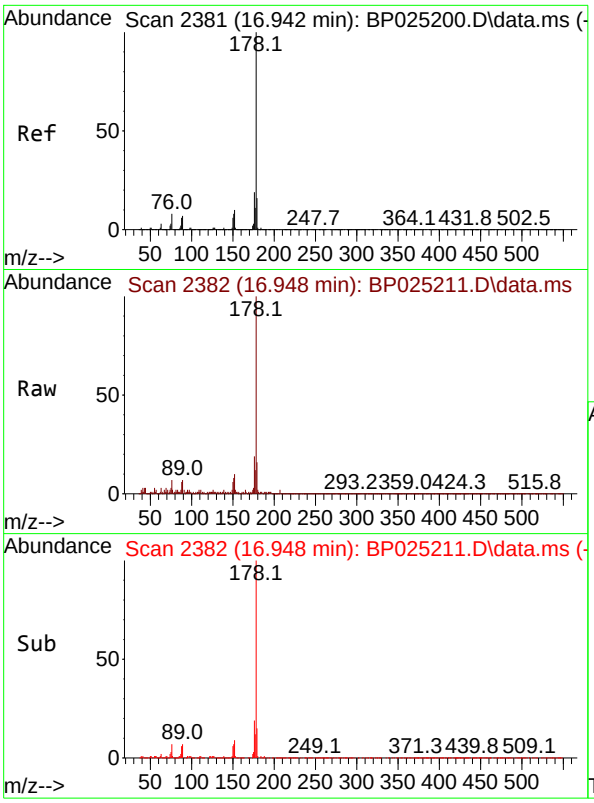


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:188 Resp: 3659937

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.1	7.3	10.9



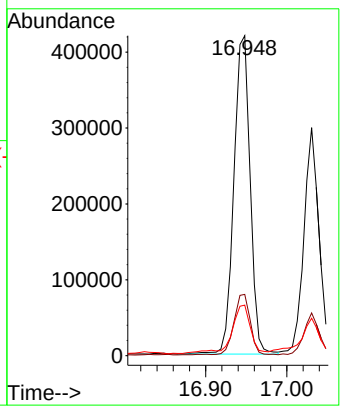


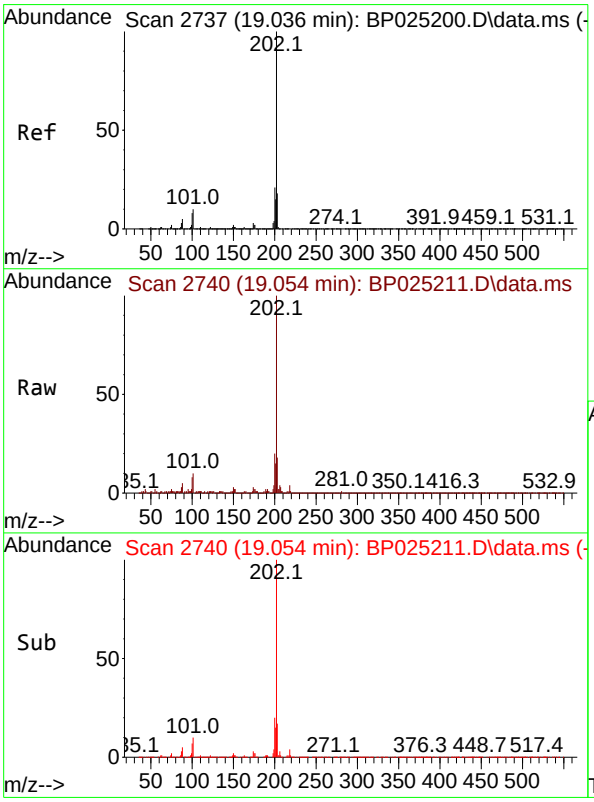
#71
Phenanthrene
Concen: 2.952 ng
RT: 16.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:178 Resp: 582814

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.8	12.5	18.7

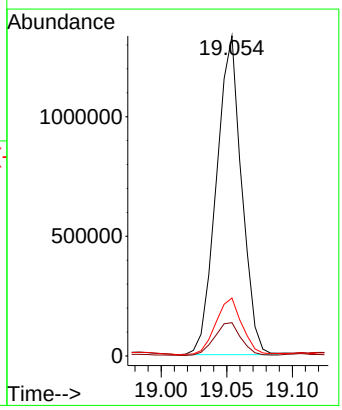


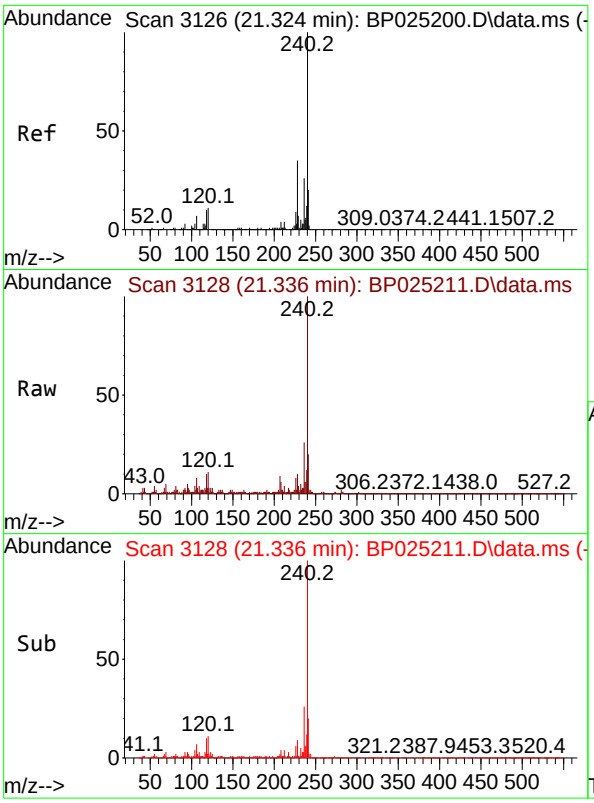


#75
Fluoranthene
Concen: 7.669 ng
RT: 19.054 min Scan# 2740
Delta R.T. 0.018 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:202 Resp: 1781552

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	18.1	0.0	38.0



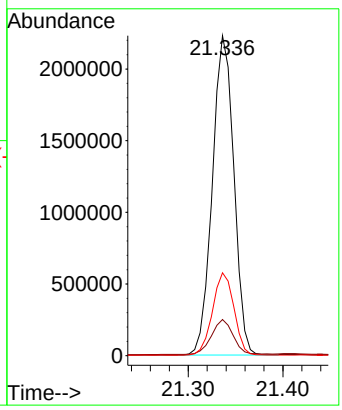


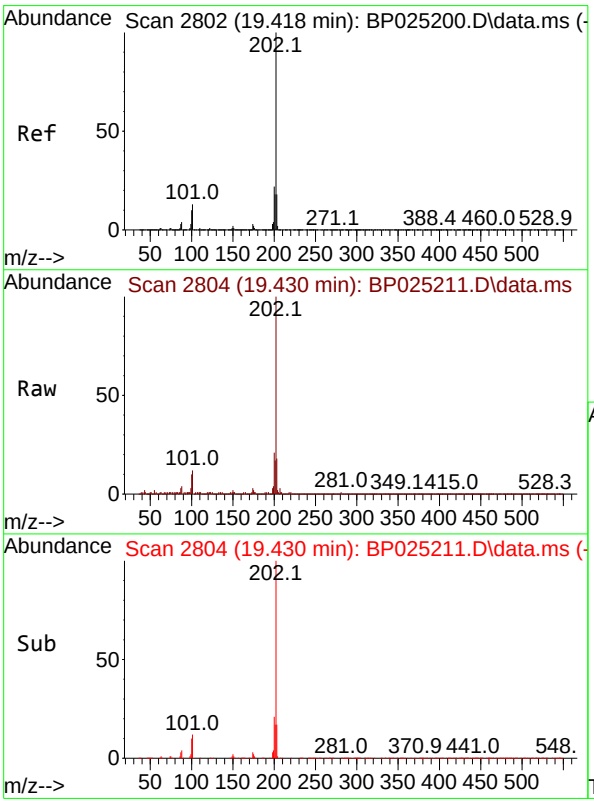
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:240 Resp: 3519090

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.9	20.9	31.3

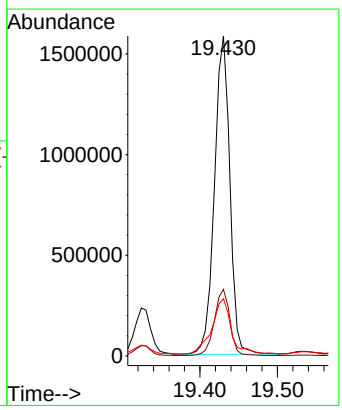


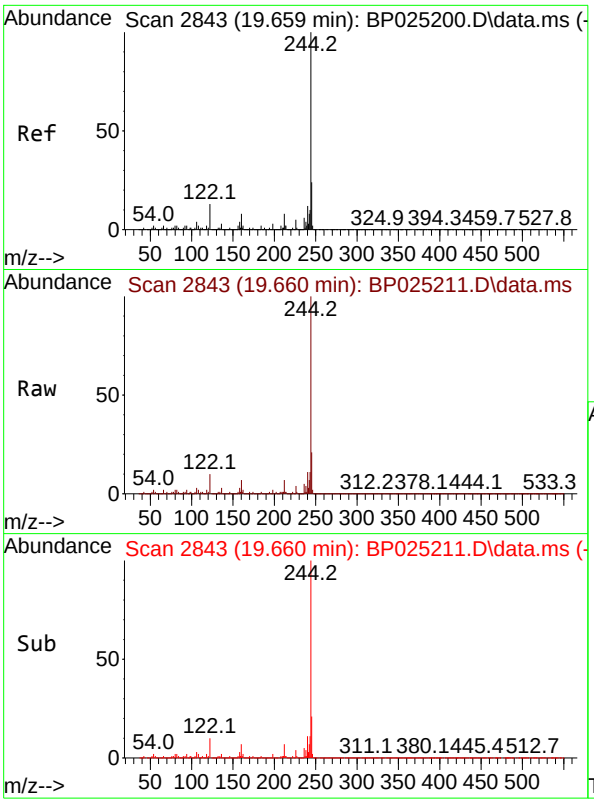


#78
Pyrene
Concen: 10.061 ng
RT: 19.430 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:202 Resp: 2183157

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.9	14.3	21.5



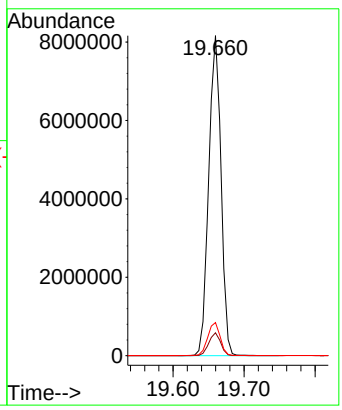


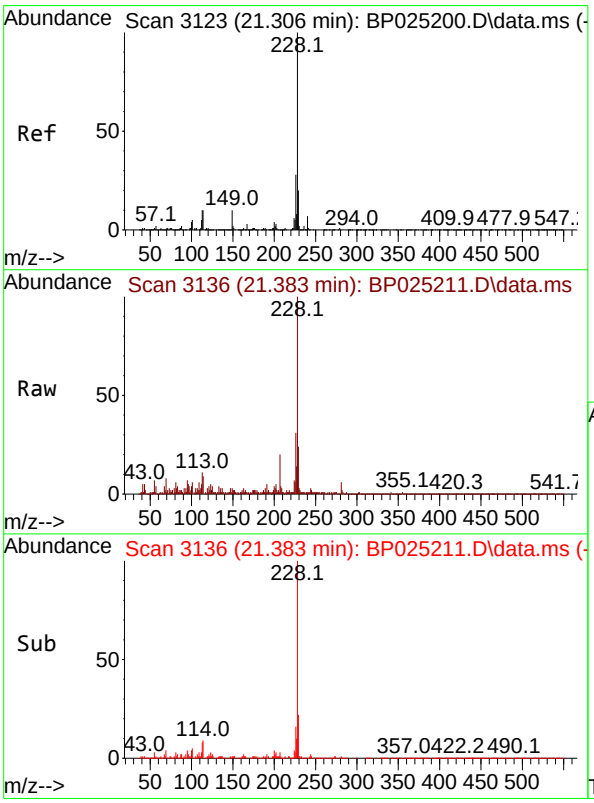
#79
Terphenyl-d14
Concen: 55.140 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:244 Resp: 9829821

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	9.8
122	10.4	10.3	15.5

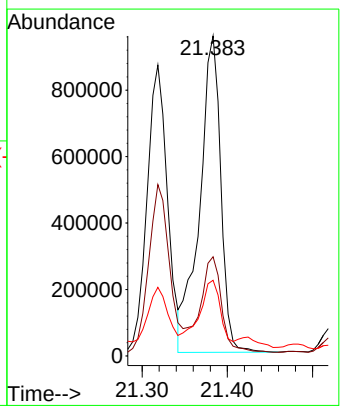


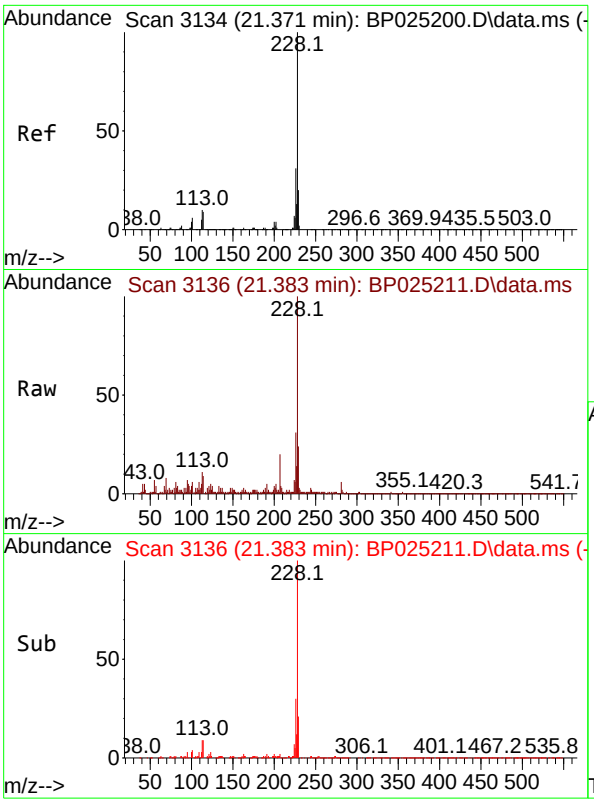


#81
Benzo(a)anthracene
Concen: 7.399 ng
RT: 21.383 min Scan# 3136
Delta R.T. 0.077 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:228 Resp: 1644272

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.3	33.5
229	23.7	16.2	24.2



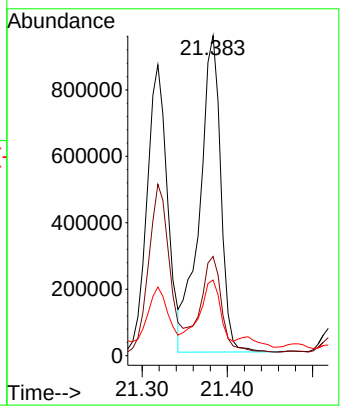


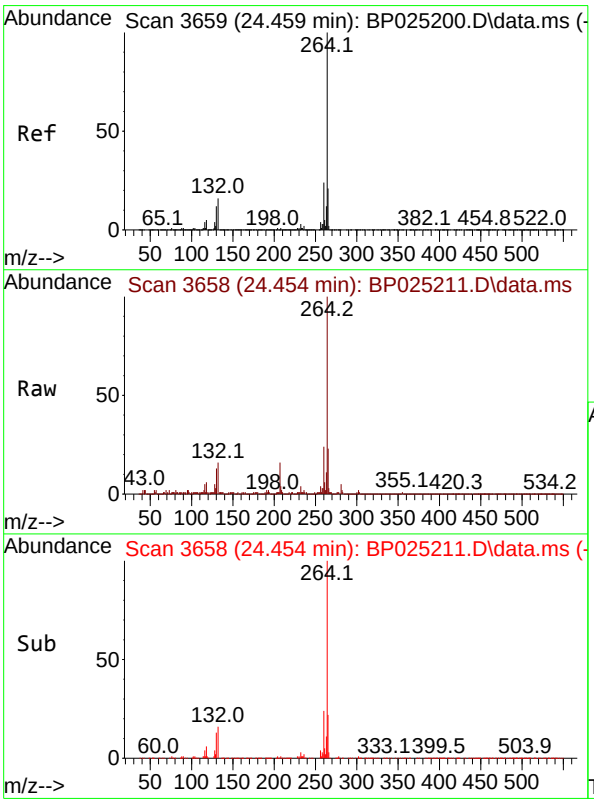
#83
Chrysene
Concen: 7.926 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:228 Resp: 1644272

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	23.7	16.0	24.0

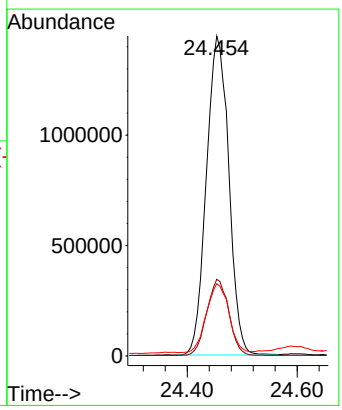


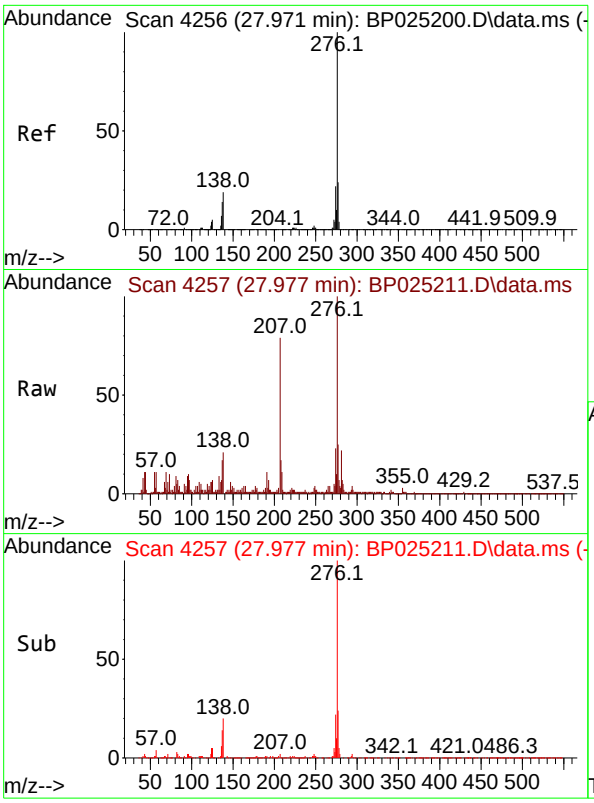


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:264 Resp: 4080535

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.6	17.5	26.3



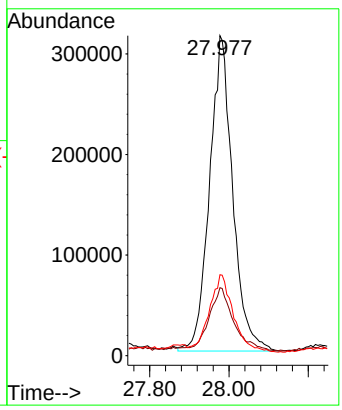


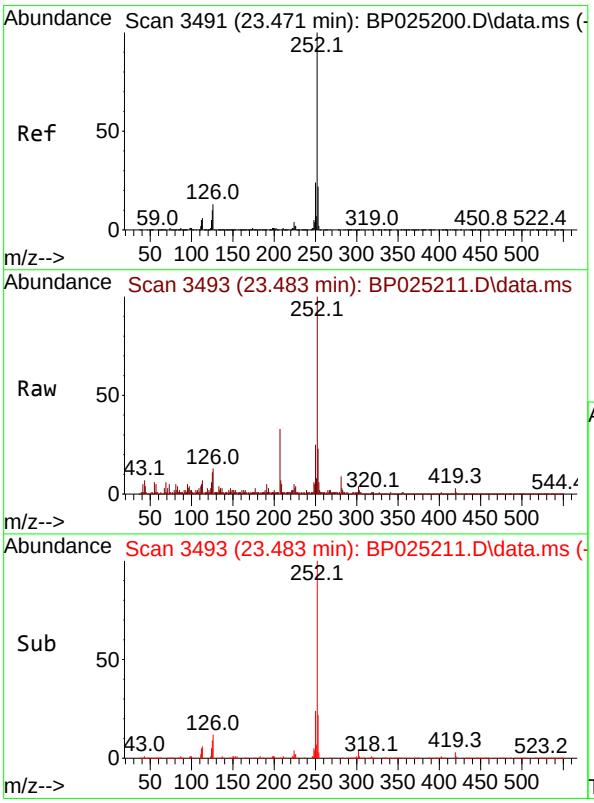
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.253 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:276 Resp: 1268094

Ion	Ratio	Lower	Upper
276	100		
138	20.9	12.8	19.2#
277	25.6	20.3	30.5

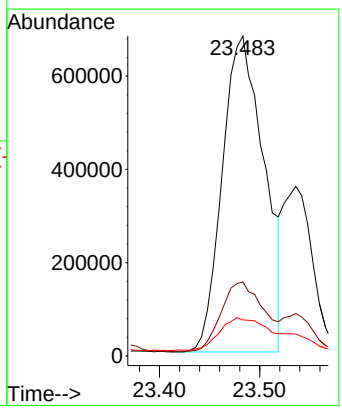


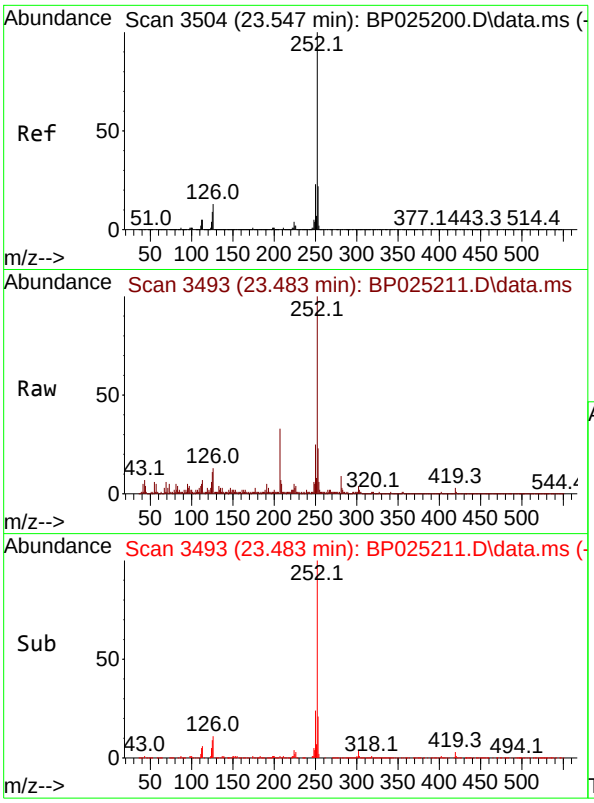


#88
Benzo(b)fluoranthene
Concen: 8.422 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 1967135

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.2	7.8	11.8



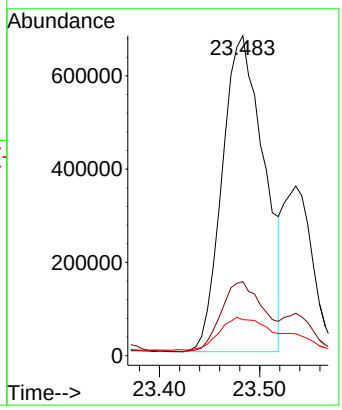


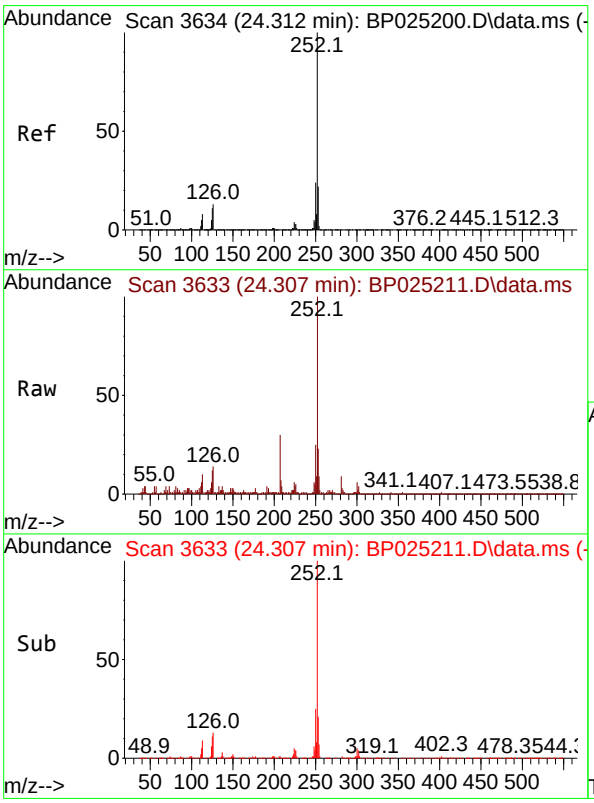
#89
Benzo(k)fluoranthene
Concen: 8.531 ng
RT: 23.483 min Scan# 34
Delta R.T. -0.064 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:252 Resp: 1967135

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	11.2	7.5	11.3

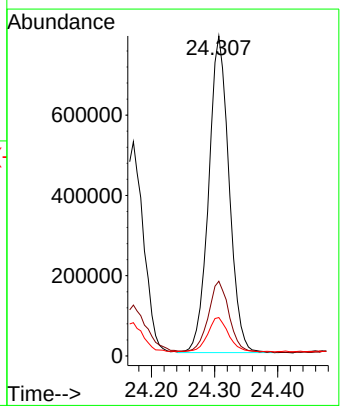


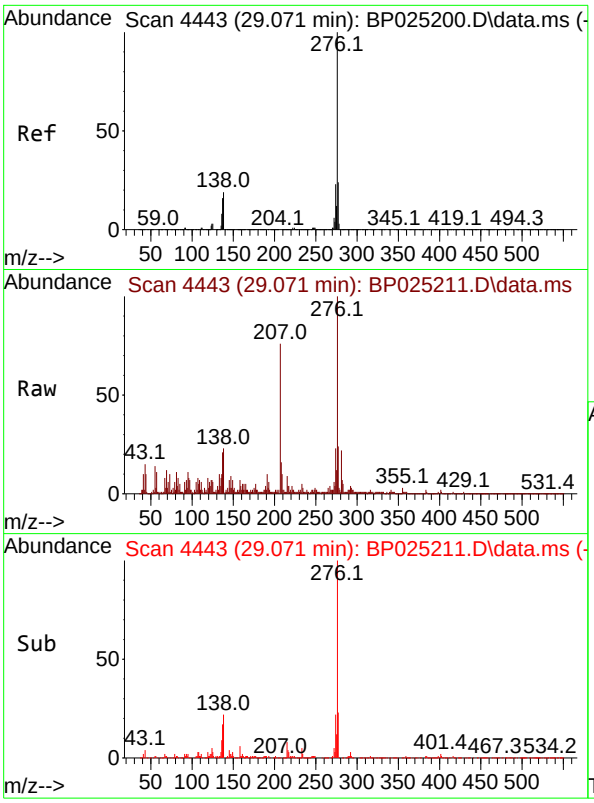


#90
Benzo(a)pyrene
Concen: 7.758 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 1768051

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	12.0	8.6	12.8



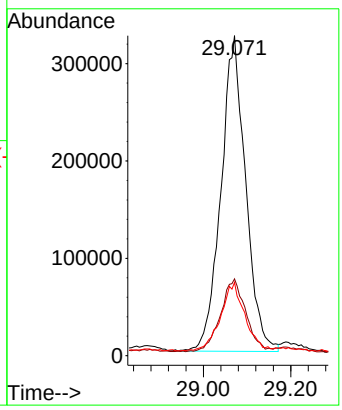


#92
Benzo(g,h,i)perylene
Concen: 5.316 ng
RT: 29.071 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Instrument :
BNA_P
ClientSampleId :
OU4-TS-41-071725

Tgt Ion:276 Resp: 1271085

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	22.9	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Quant Time: Jul 23 15:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	508416	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2118134	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1475610	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3006834	20.000	ng	0.00
76) Chrysene-d12	21.342	240	3038957	20.000	ng	0.02
86) Perylene-d12	24.477	264	3598510	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	1851354	61.527	ng	0.00
7) Phenol-d6	6.637	99	2411148	64.698	ng	0.00
23) Nitrobenzene-d5	8.560	82	1444714	37.905	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1372619	63.098	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	3875609	37.028	ng	-0.01
79) Terphenyl-d14	19.660	244	5925338	38.489	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.484	77	218230	2.575	ng	# 1
75) Fluoranthene	19.042	202	940106	4.926	ng	99
78) Pyrene	19.425	202	1133511	6.049	ng	99
81) Benzo(a)anthracene	21.377	228	911395	4.749	ng	93
83) Chrysene	21.377	228	913415	5.099	ng	96
87) Indeno(1,2,3-cd)pyrene	27.989	276	731185	2.780	ng	# 97
88) Benzo(b)fluoranthene	23.483	252	1193321	5.793	ng	# 96
89) Benzo(k)fluoranthene	23.483	252	1193321	5.868	ng	# 95
90) Benzo(a)pyrene	24.313	252	994520	4.949	ng	98
92) Benzo(g,h,i)perylene	29.083	276	731804	3.471	ng	96

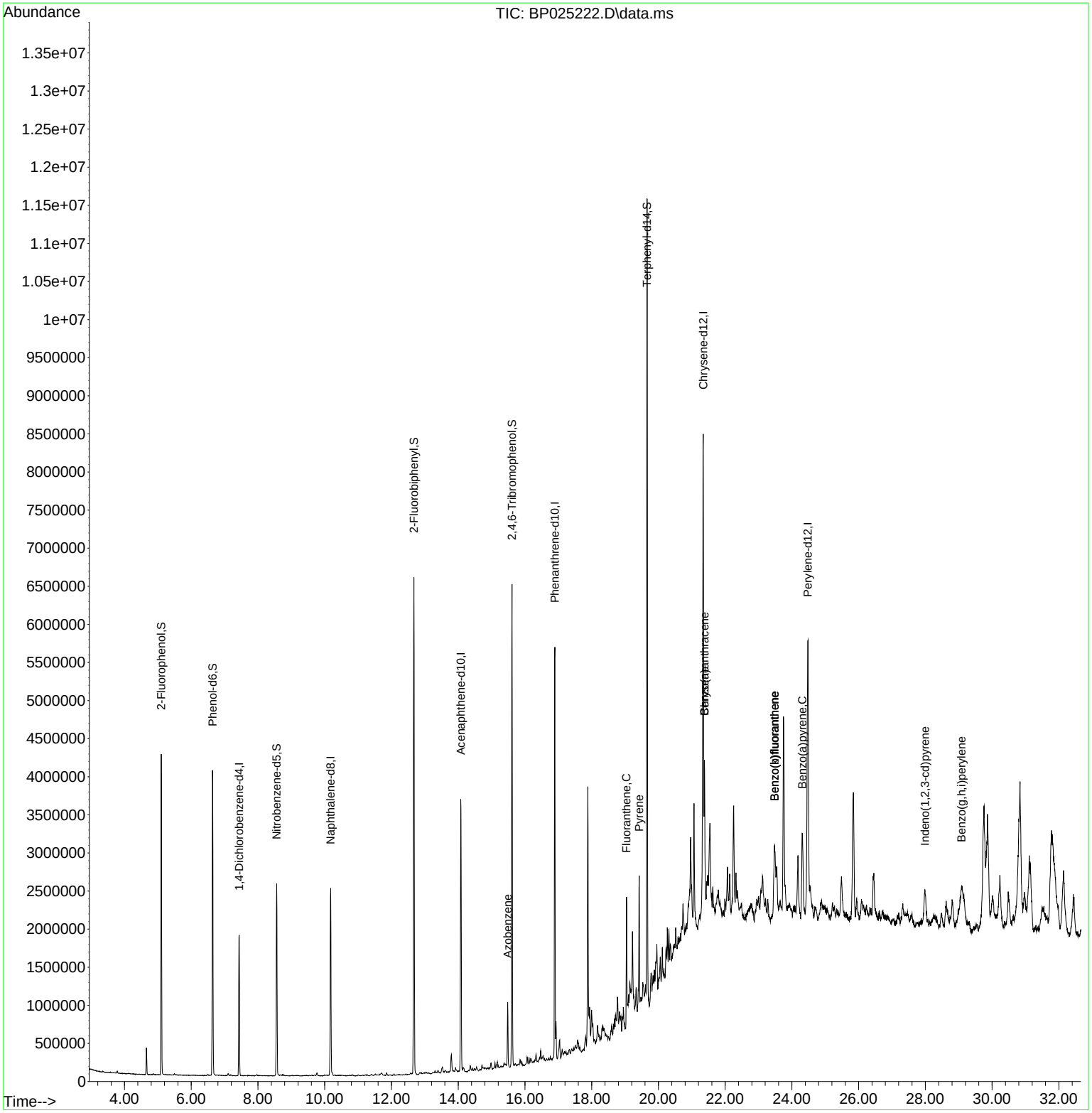
(#) = qualifier out of range (m) = manual integration (+) = signals summed

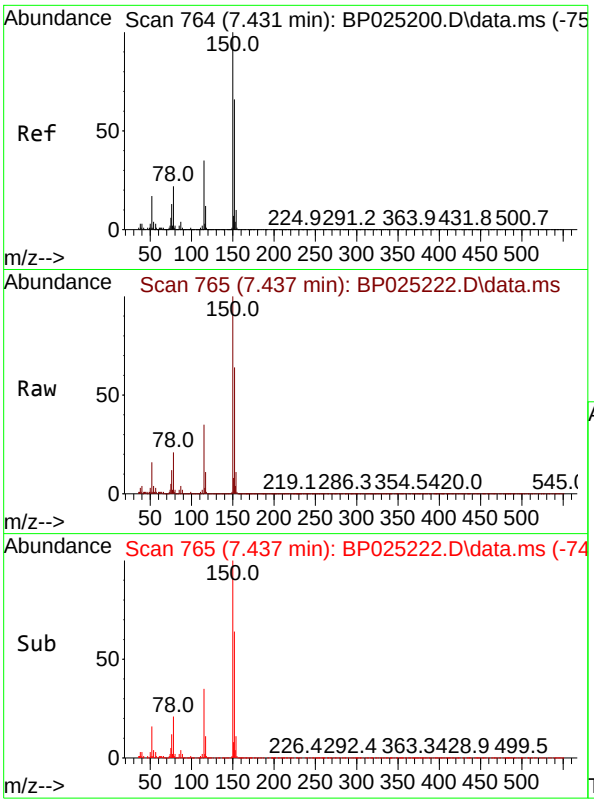
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Quant Time: Jul 23 15:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



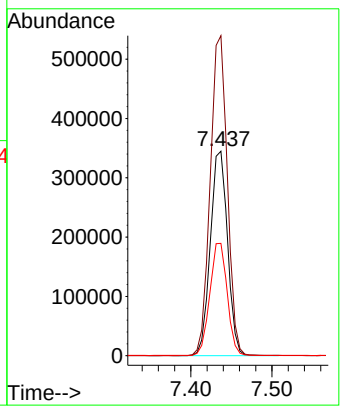


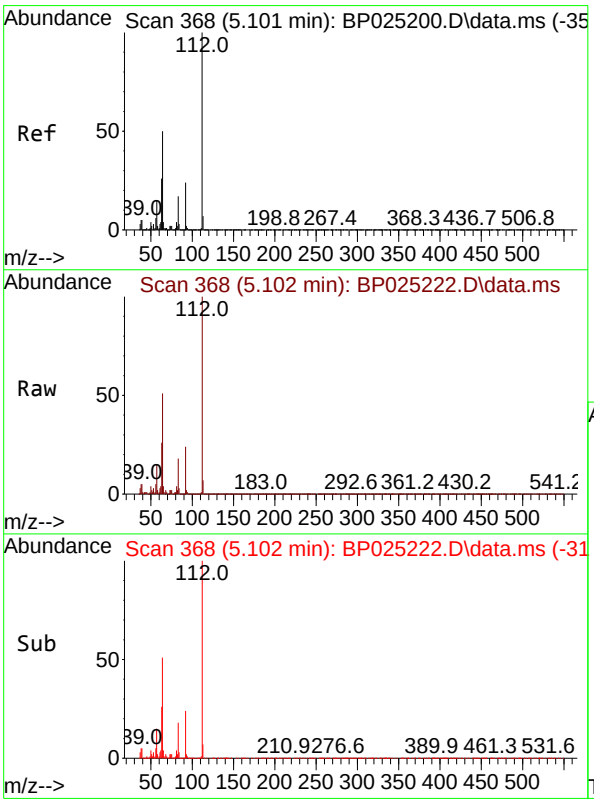
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7(
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion:152 Resp: 508416

Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.9	182.9
115	55.0	43.0	64.6

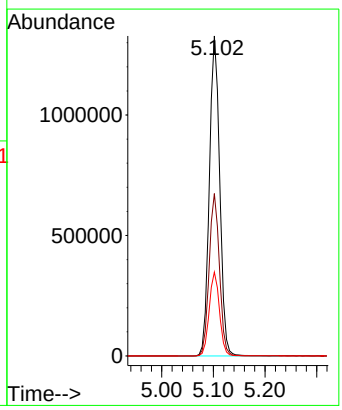


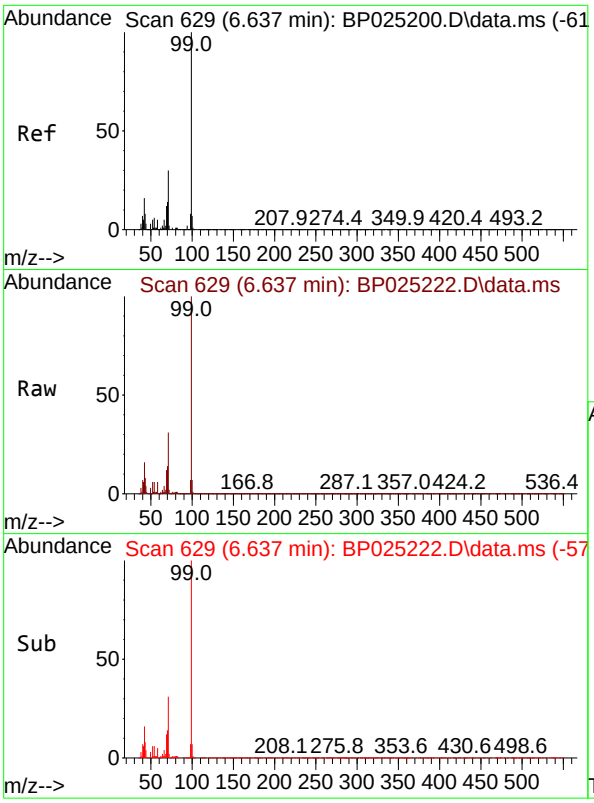


#5
2-Fluorophenol
Concen: 61.527 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:112 Resp: 1851354

Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.8	59.6
63	26.2	20.5	30.7



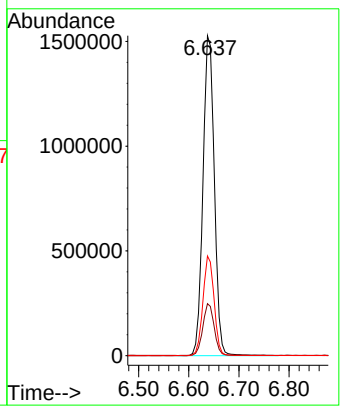


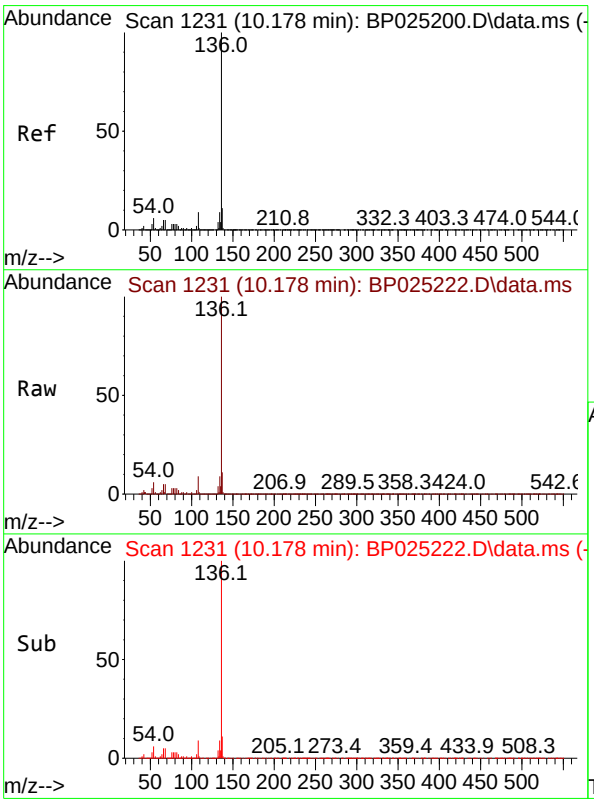
#7
Phenol-d6
Concen: 64.698 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion: 99 Resp: 2411148

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	31.2	24.2	36.2

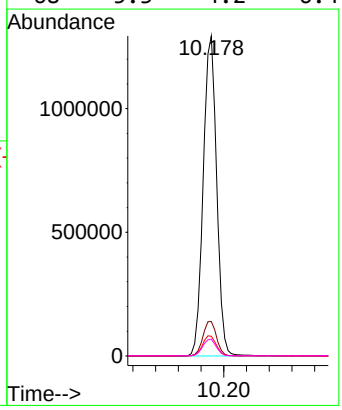


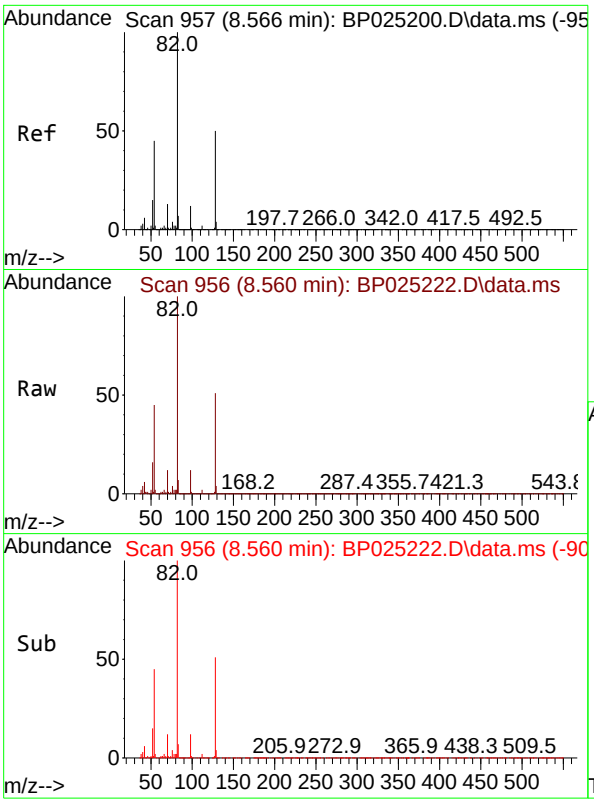


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:136 Resp: 2118134

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.2	5.1	7.7
68	5.3	4.2	6.4



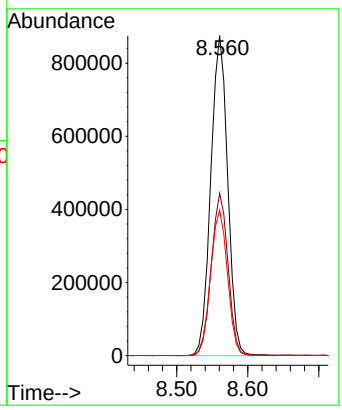


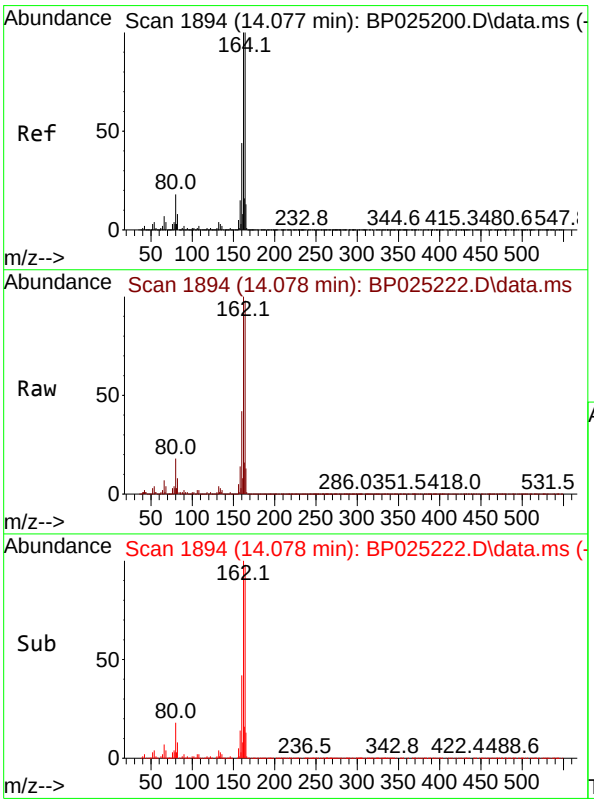
#23
Nitrobenzene-d5
Concen: 37.905 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion: 82 Resp: 1444714

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.2	60.4
54	45.4	36.3	54.5

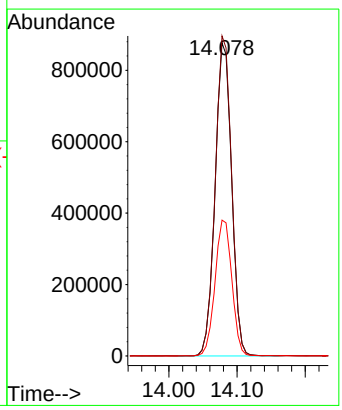


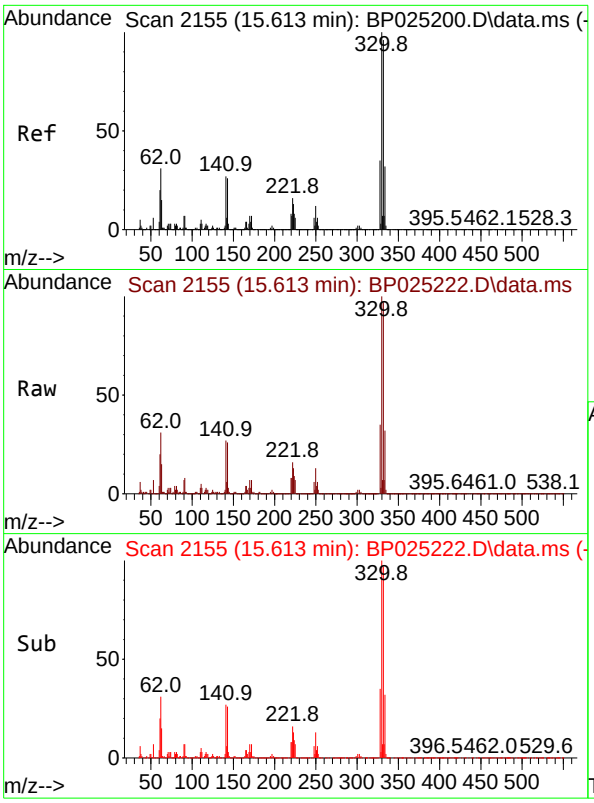


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:164 Resp: 1475610

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.3	120.5
160	43.4	35.7	53.5



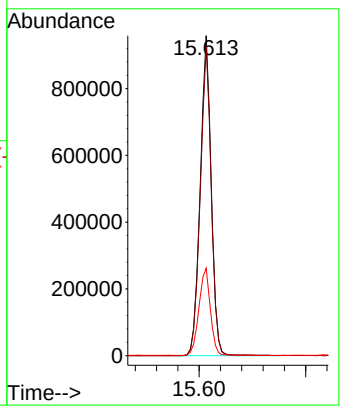


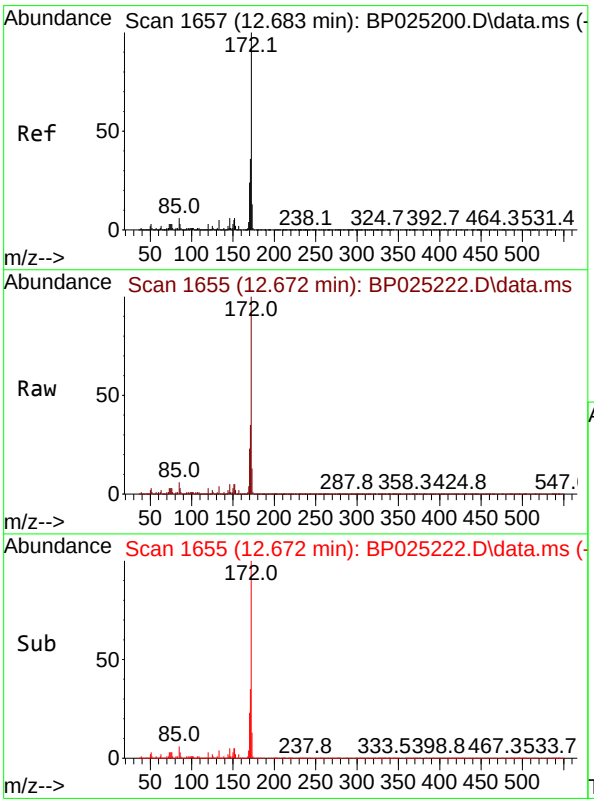
#42
2,4,6-Tribromophenol
Concen: 63.098 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion:330 Resp: 1372619

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	28.1	22.4	33.6

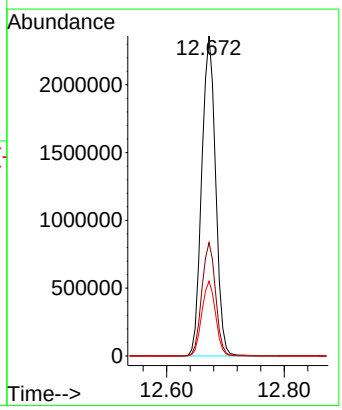


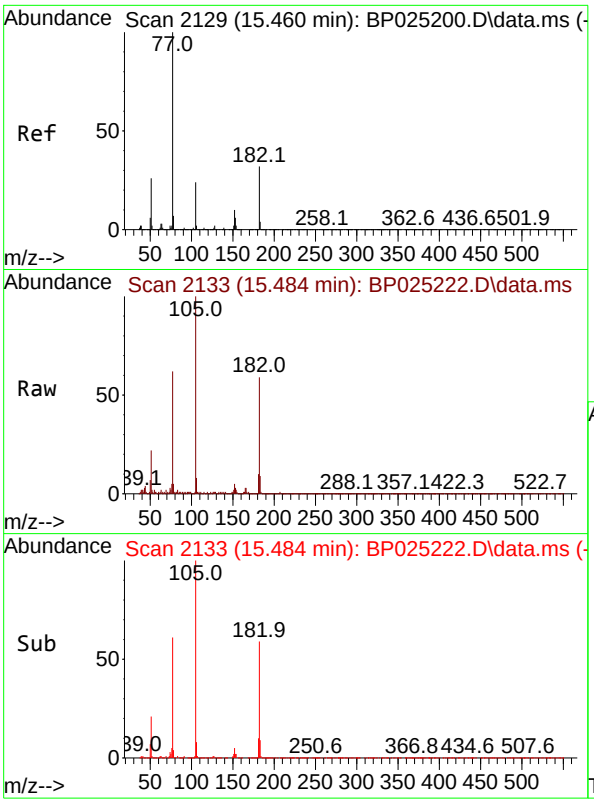


#45
2-Fluorobiphenyl
Concen: 37.028 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:172 Resp: 3875609

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.3	19.2	28.8



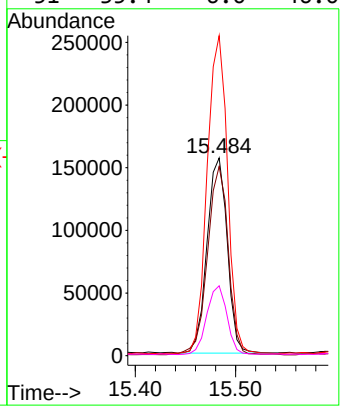


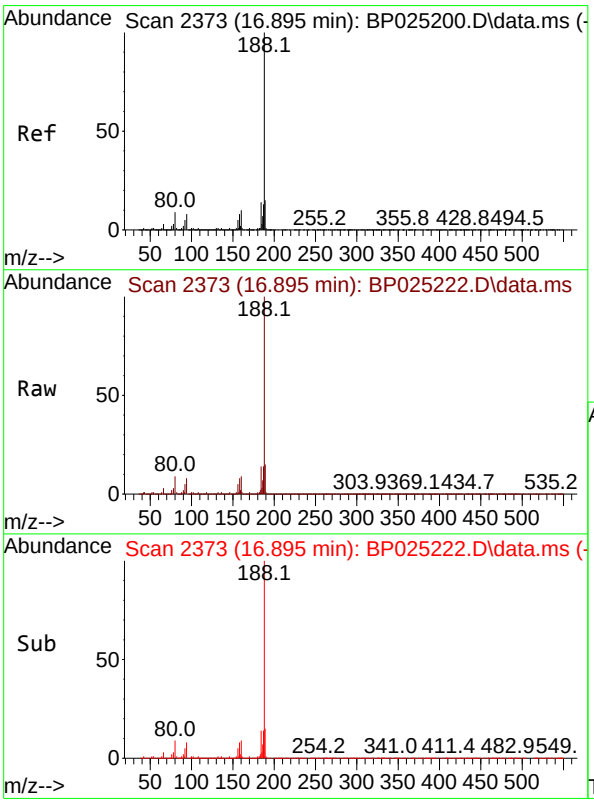
#63
Azobenzene
Concen: 2.575 ng
RT: 15.484 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion: 77 Resp: 218230

Ion	Ratio	Lower	Upper
77	100		
182	95.7	12.0	52.0#
105	161.8	3.6	43.6#
51	35.4	6.0	46.0

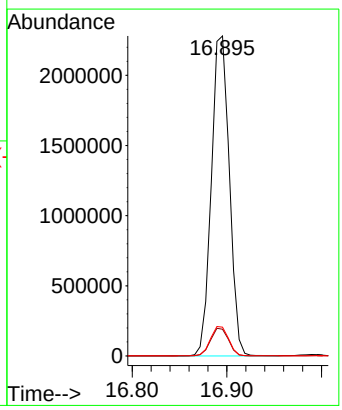


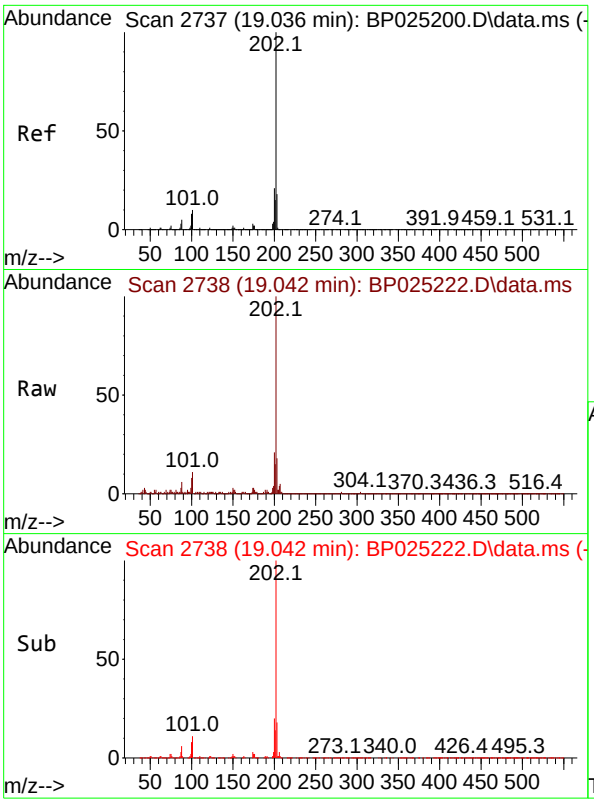


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:188 Resp: 3006834

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	9.0	7.3	10.9



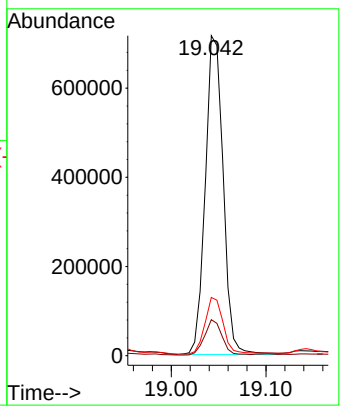


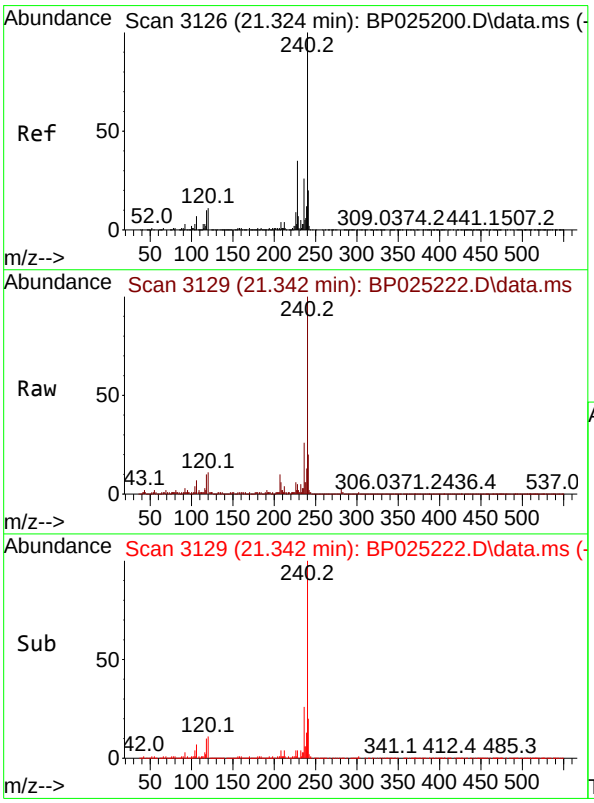
#75
Fluoranthene
Concen: 4.926 ng
RT: 19.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion:202 Resp: 940106

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.2	0.0	38.0

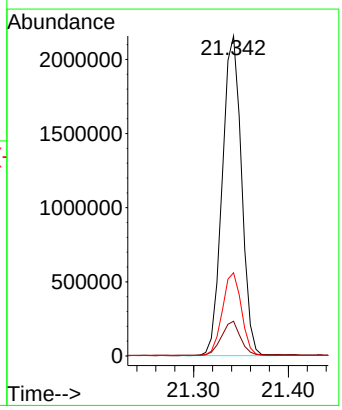


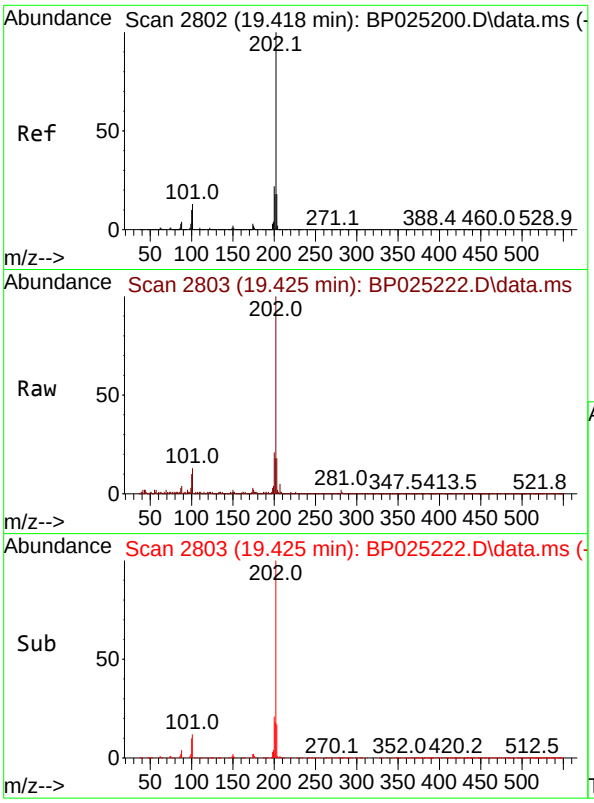


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:240 Resp: 3038957

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	26.0	20.9	31.3



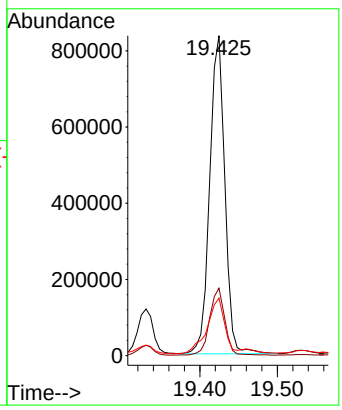


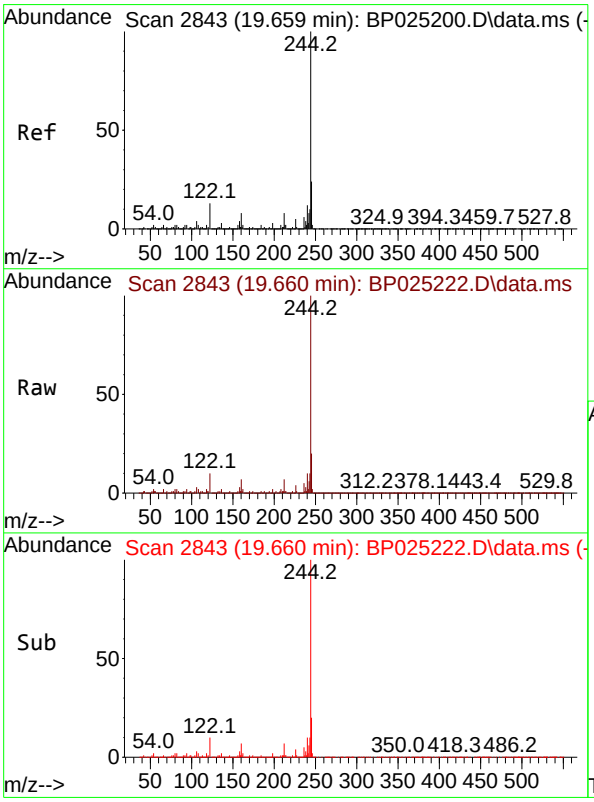
#78
Pyrene
Concen: 6.049 ng
RT: 19.425 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion:202 Resp: 1133511

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5

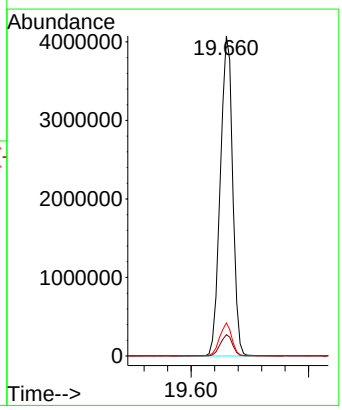


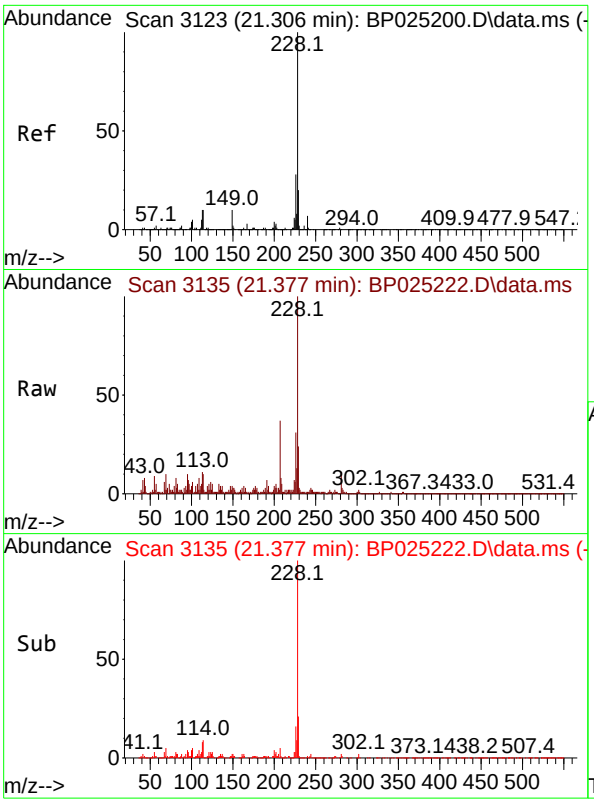


#79
Terphenyl-d14
Concen: 38.489 ng
RT: 19.660 min Scan# 2843
Delta R.T. 0.001 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:244 Resp: 5925338

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	9.8
122	10.3	10.3	15.5#



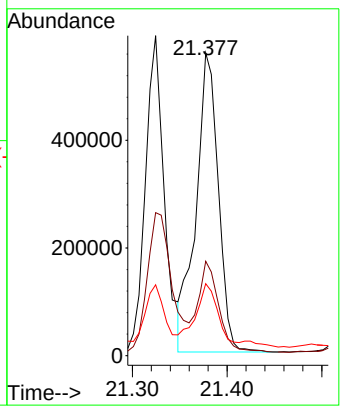


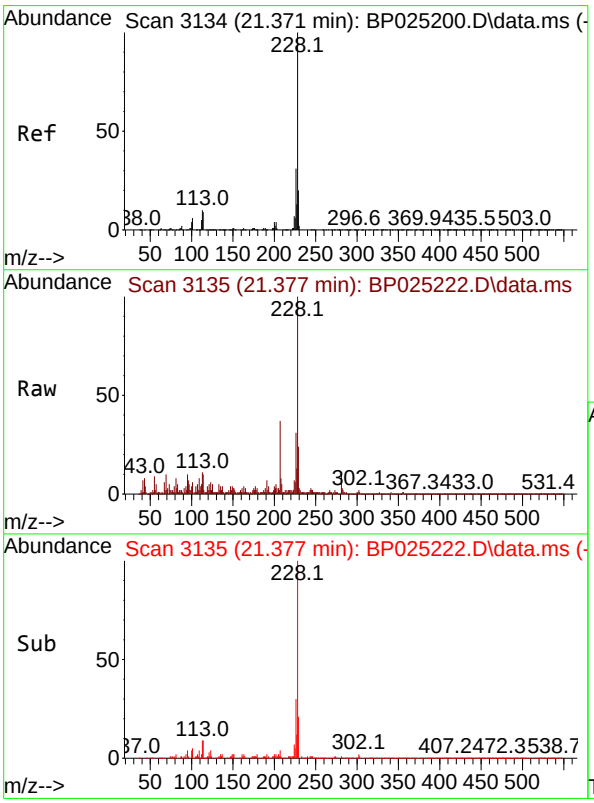
#81
Benzo(a)anthracene
Concen: 4.749 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.071 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion:228 Resp: 911395

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.3	33.5
229	23.8	16.2	24.2

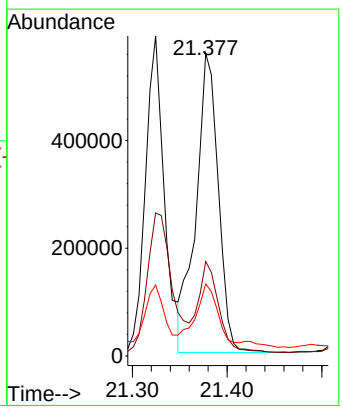


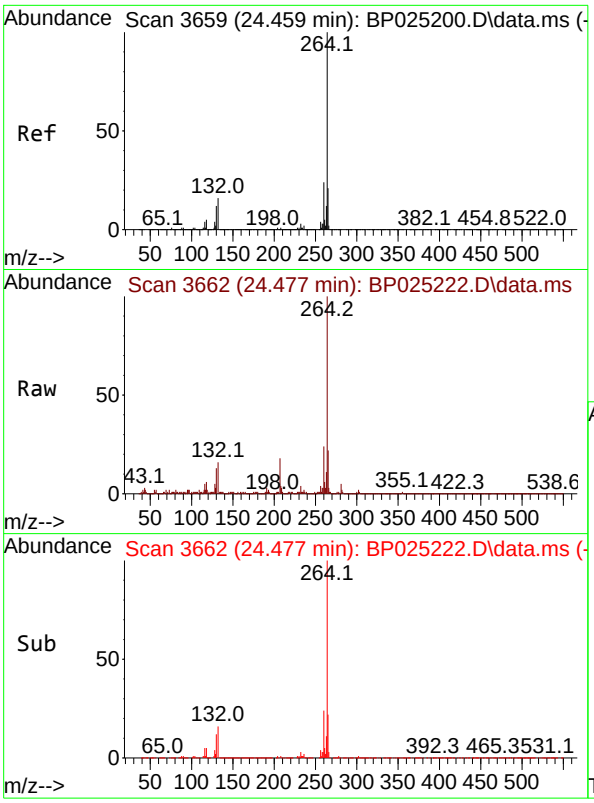


#83
Chrysene
Concen: 5.099 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:228 Resp: 913415

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	23.8	16.0	24.0



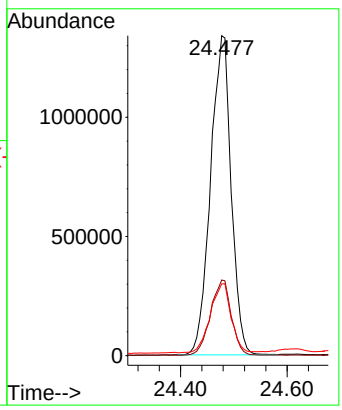


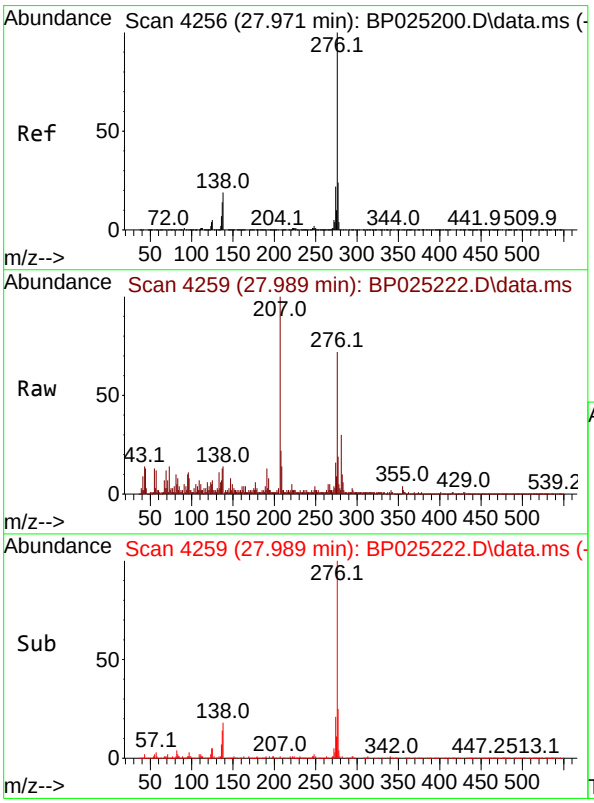
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion:264 Resp: 3598510

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.4	17.5	26.3

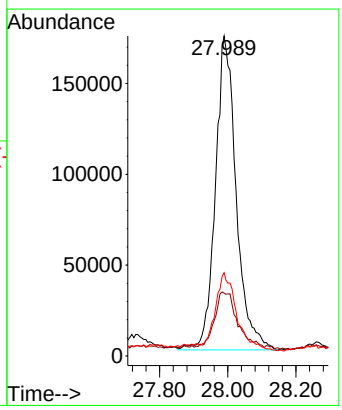


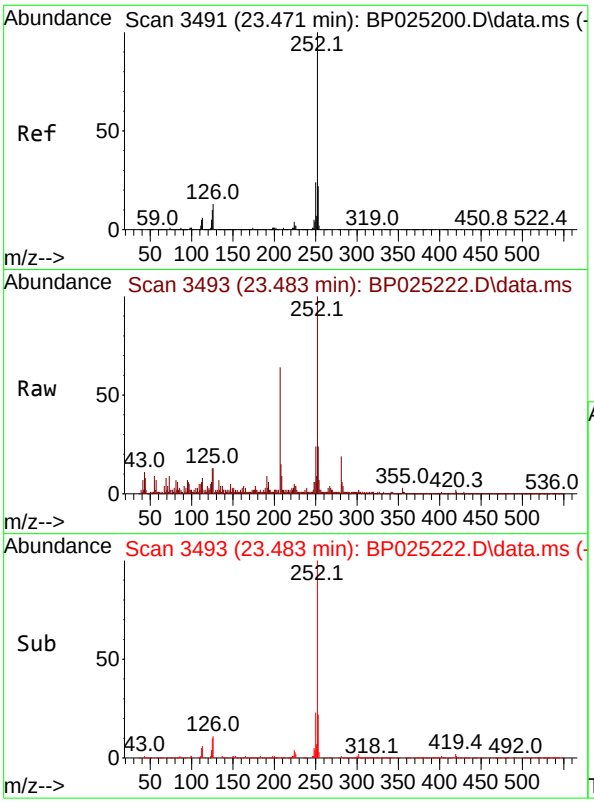


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.780 ng
RT: 27.989 min Scan# 4259
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:276 Resp: 731185

Ion	Ratio	Lower	Upper
276	100		
138	19.3	12.8	19.2#
277	25.7	20.3	30.5



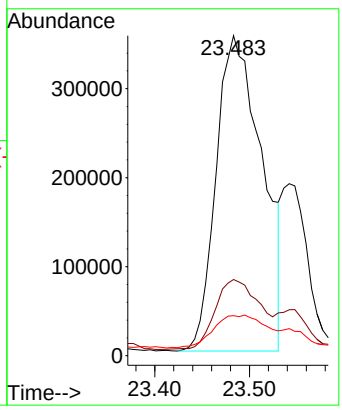


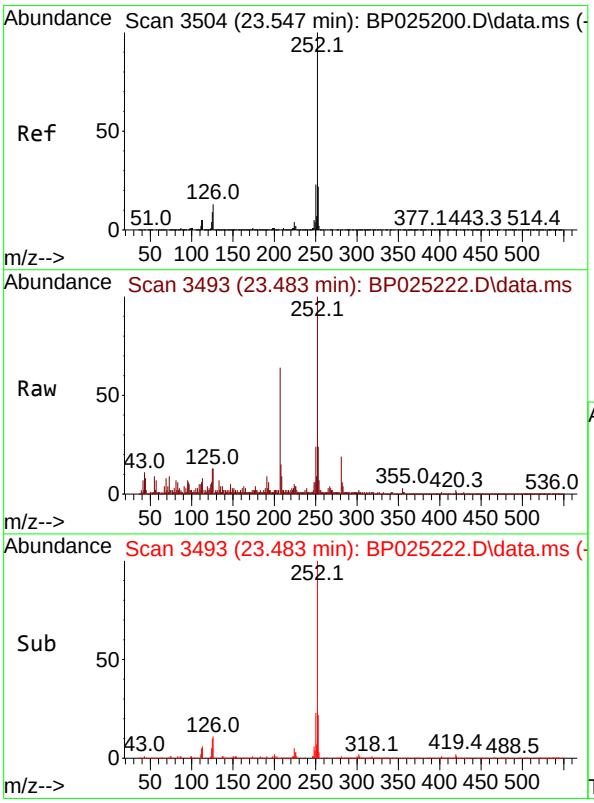
#88
Benzo(b)fluoranthene
Concen: 5.793 ng
RT: 23.483 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion:252 Resp: 1193321

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.5	7.8	11.8#

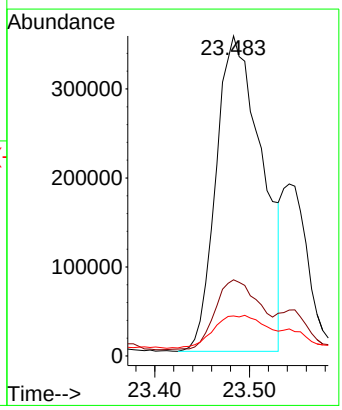


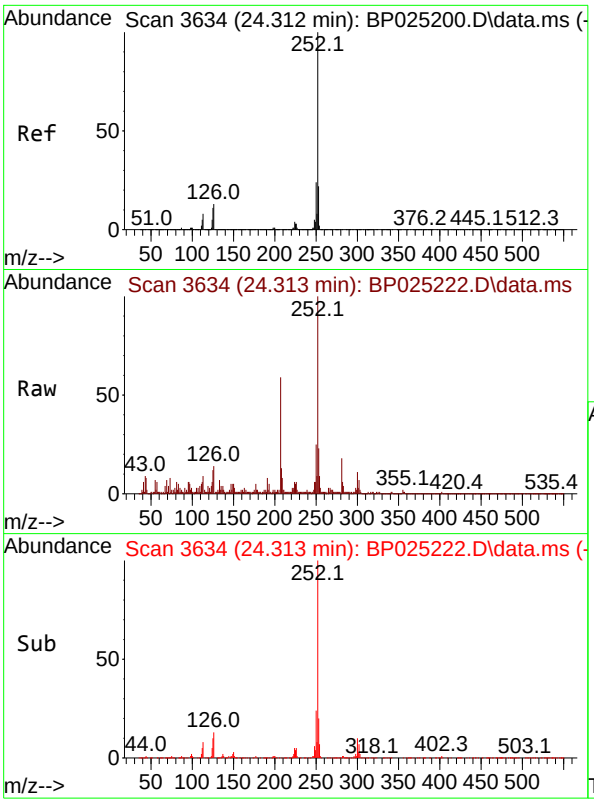


#89
Benzo(k)fluoranthene
Concen: 5.868 ng
RT: 23.483 min Scan# 3493
Delta R.T. -0.064 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:252 Resp: 1193321

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	12.5	7.5	11.3#



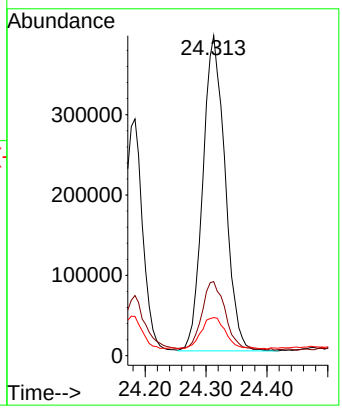


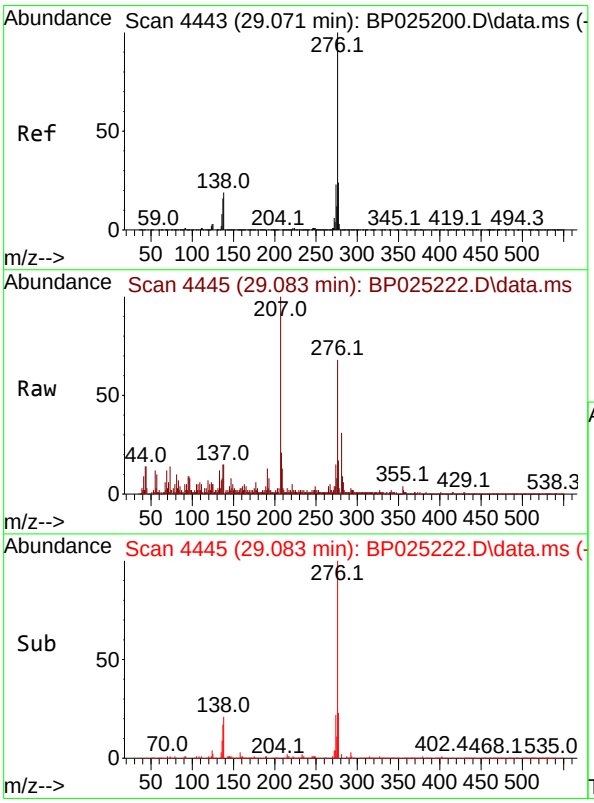
#90
Benzo(a)pyrene
Concen: 4.949 ng
RT: 24.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725

Tgt Ion:252 Resp: 994520

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.9	8.6	12.8

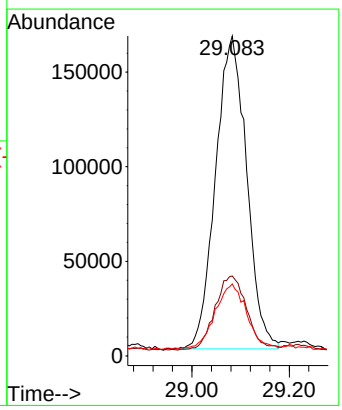




#92
Benzo(g,h,i)perylene
Concen: 3.471 ng
RT: 29.083 min Scan# 4445
Delta R.T. 0.012 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:276 Resp: 731804

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	22.5	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	421897	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1750040	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1174318	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2549406	20.000	ng	0.01
76) Chrysene-d12	21.348	240	2750456	20.000	ng	0.02
86) Perylene-d12	24.489	264	3266187	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	1978949	79.254	ng	0.00
7) Phenol-d6	6.643	99	2523247	81.590	ng	0.00
23) Nitrobenzene-d5	8.566	82	2547924	80.910	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1523626	88.010	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	6706884	80.519	ng	0.00
79) Terphenyl-d14	19.660	244	11843736	85.004	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	362391	38.724	ng	99
3) Pyridine	3.490	79	970000	38.721	ng	99
4) n-Nitrosodimethylamine	3.402	42	391174	39.375	ng	95
6) Aniline	6.778	93	1645967	40.717	ng	100
8) 2-Chlorophenol	7.013	128	1145574	40.435	ng	99
9) Benzaldehyde	6.596	77	821679	39.187	ng	100
10) Phenol	6.666	94	1310286	40.854	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	968101	39.372	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1257357	39.465	ng	99
13) 1,4-Dichlorobenzene	7.466	146	1281149	39.837	ng	100
14) 1,2-Dichlorobenzene	7.778	146	1232371	39.835	ng	99
15) Benzyl Alcohol	7.672	79	914524	40.996	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1228018	39.032	ng	99
17) 2-Methylphenol	7.884	107	918321	41.301	ng	99
18) Hexachloroethane	8.490	117	429581	38.843	ng	99
19) n-Nitroso-di-n-propyla...	8.231	70	762902	41.006	ng	100
20) 3+4-Methylphenols	8.202	107	1255779	41.404	ng	99
22) Acetophenone	8.243	105	1626199	39.934	ng	98
24) Nitrobenzene	8.607	77	1134306	40.408	ng	98
25) Isophorone	9.131	82	2165372	39.102	ng	100
26) 2-Nitrophenol	9.313	139	672219	41.700	ng	99
27) 2,4-Dimethylphenol	9.390	122	1088351	40.348	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	1342968	38.771	ng	100
29) 2,4-Dichlorophenol	9.843	162	1139279	41.112	ng	100
30) 1,2,4-Trichlorobenzene	10.054	180	1203645	39.767	ng	99
31) Naphthalene	10.231	128	3569658	39.861	ng	99
32) Benzoic acid	9.537	122	988555	48.005	ng	99
33) 4-Chloroaniline	10.343	127	1623996	41.255	ng	100
34) Hexachlorobutadiene	10.519	225	713422	39.161	ng	99
35) Caprolactam	11.137	113	387211	42.101	ng	100
36) 4-Chloro-3-methylphenol	11.490	107	1163924	42.016	ng	99
37) 2-Methylnaphthalene	11.860	142	2317760	39.858	ng	99
38) 1-Methylnaphthalene	12.078	142	2485497	40.690	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1395264	39.638	ng	100
41) Hexachlorocyclopentadiene	12.225	237	559822	26.642	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	982275	40.841	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1087142	41.075	ng		99
46) 1,1'-Biphenyl	12.901	154	3358747	39.455	ng		100
47) 2-Chloronaphthalene	12.943	162	2671858	40.201	ng		99
48) 2-Nitroaniline	13.148	65	710602	41.867	ng		99
49) Acenaphthylene	13.795	152	4399537	40.927	ng		100
50) Dimethylphthalate	13.554	163	3275604	39.003	ng		99
51) 2,6-Dinitrotoluene	13.660	165	748217	41.002	ng		96
52) Acenaphthene	14.154	154	2517373	40.497	ng		100
53) 3-Nitroaniline	13.995	138	874454	42.494	ng		98
54) 2,4-Dinitrophenol	14.201	184	327781	30.316	ng		98
55) Dibenzofuran	14.495	168	4104990	40.883	ng		99
56) 4-Nitrophenol	14.342	139	779949	44.292	ng		99
57) 2,4-Dinitrotoluene	14.466	165	1099838	43.057	ng		96
58) Fluorene	15.160	166	3352512	42.056	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1007332	43.006	ng		100
60) Diethylphthalate	14.954	149	3330481	40.235	ng		100
61) 4-Chlorophenyl-phenyle...	15.166	204	1645291	40.846	ng		99
62) 4-Nitroaniline	15.184	138	938362	44.837	ng		99
63) Azobenzene	15.466	77	2832864	41.997	ng		99
65) 4,6-Dinitro-2-methylph...	15.254	198	483541	29.390	ng		99
66) n-Nitrosodiphenylamine	15.389	169	2952463	38.155	ng		100
67) 4-Bromophenyl-phenylether	16.089	248	1134789	38.140	ng		99
68) Hexachlorobenzene	16.195	284	1386355	39.236	ng		97
69) Atrazine	16.384	200	1142872	39.913	ng		99
70) Pentachlorophenol	16.554	266	1017463	42.346	ng		100
71) Phenanthrene	16.942	178	5574744	40.543	ng		100
72) Anthracene	17.036	178	5802800	41.892	ng		99
73) Carbazole	17.319	167	5518563	41.734	ng		100
74) Di-n-butylphthalate	17.942	149	6332663	41.506	ng		100
75) Fluoranthene	19.048	202	6660238	41.156	ng		99
77) Benzidine	19.248	184	4198464	43.479	ng		99
78) Pyrene	19.430	202	7026109	41.430	ng		100
80) Butylbenzylphthalate	20.407	149	3175224	41.362	ng		98
81) Benzo(a)anthracene	21.330	228	7079313	40.758	ng		100
82) 3,3'-Dichlorobenzidine	21.254	252	2912207	40.448	ng		99
83) Chrysene	21.389	228	6542329	40.349	ng		99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4635740	42.232	ng		99
85) Di-n-octyl phthalate	22.518	149	7969743	42.046	ng		100
87) Indeno(1,2,3-cd)pyrene	28.036	276	7991209	33.480	ng	#	84
88) Benzo(b)fluoranthene	23.483	252	7353598	39.332	ng		99
89) Benzo(k)fluoranthene	23.554	252	7478960	40.521	ng		100
90) Benzo(a)pyrene	24.330	252	7205655	39.502	ng		100
91) Dibenzo(a,h)anthracene	28.106	278	7603495	39.046	ng		98
92) Benzo(g,h,i)perylene	29.106	276	7447383	38.916	ng		99

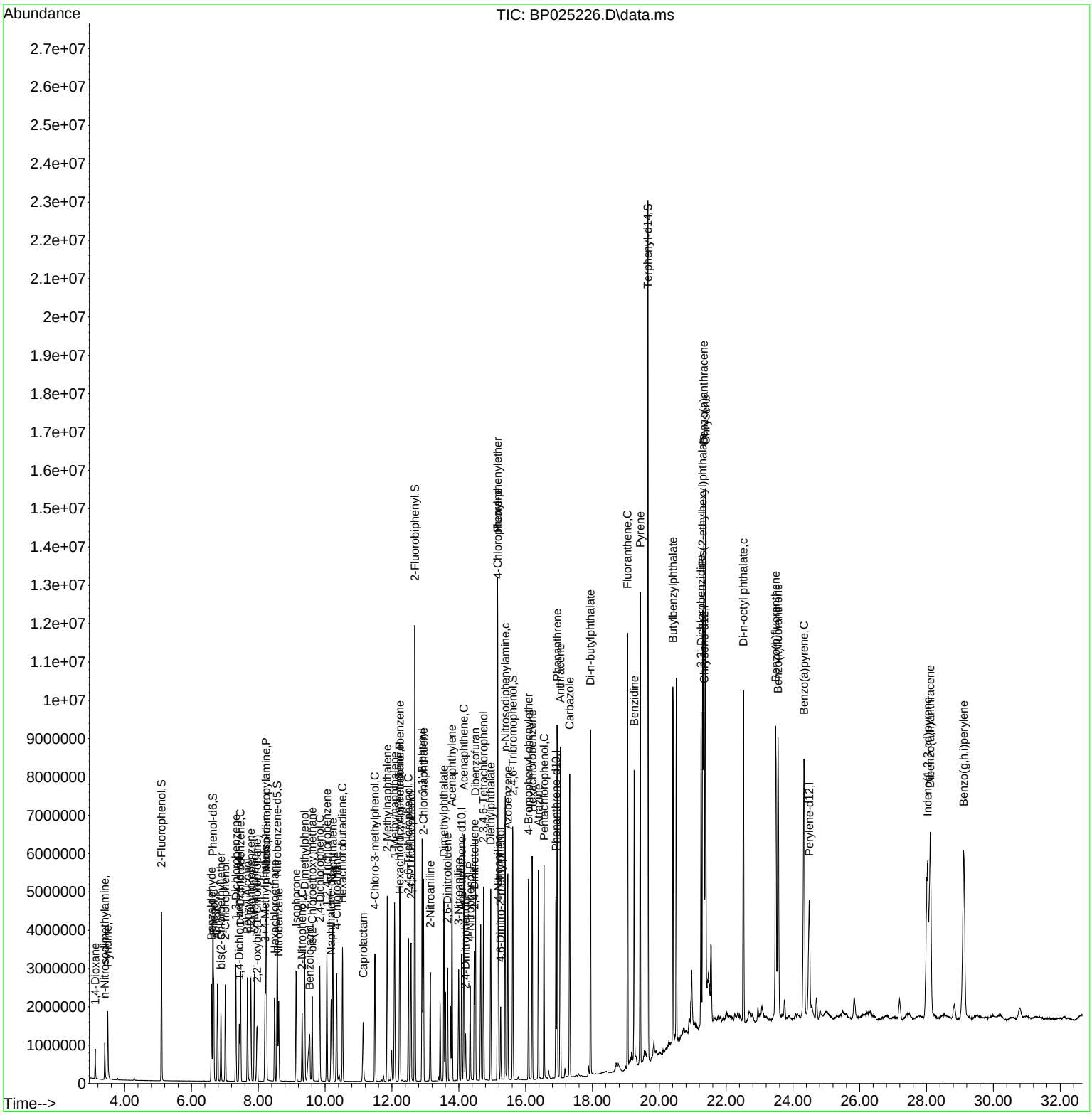
(#) = qualifier out of range (m) = manual integration (+) = signals summed

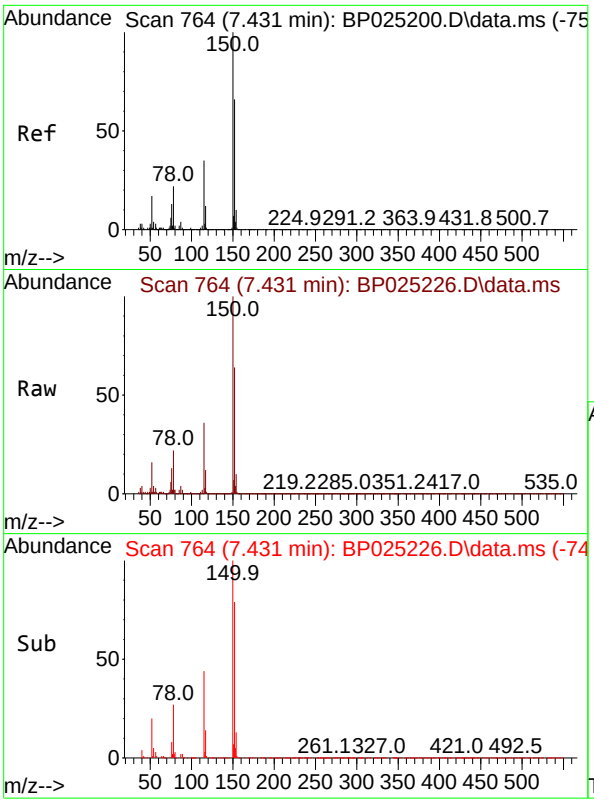
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



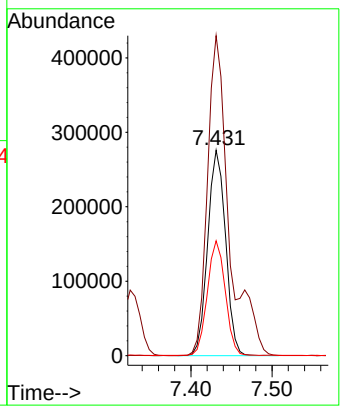


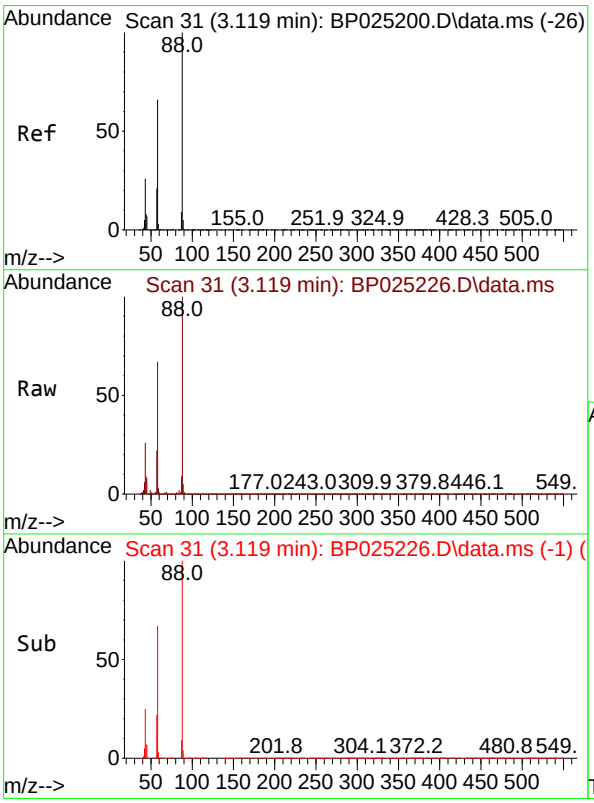
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 421897

Ion	Ratio	Lower	Upper
152	100		
150	155.7	121.9	182.9
115	55.9	43.0	64.6

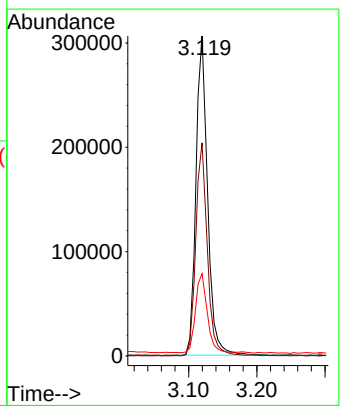


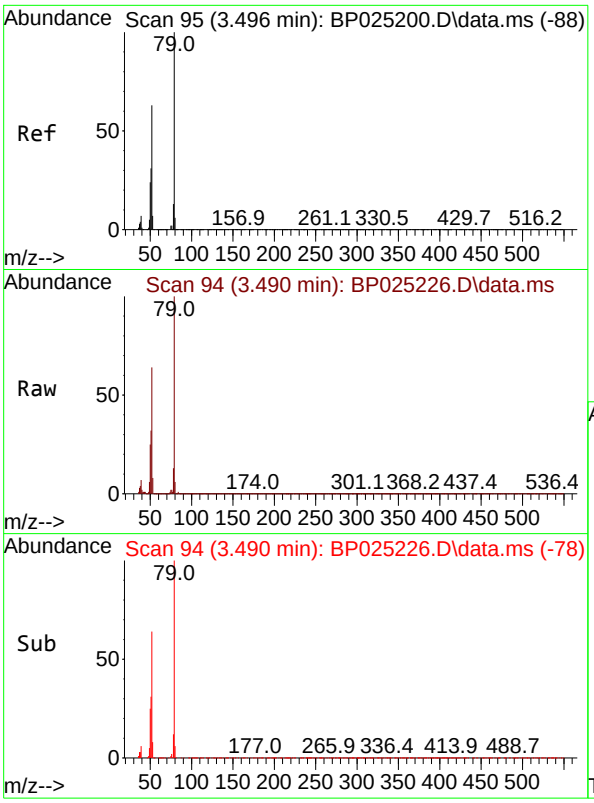


#2
1,4-Dioxane
Concen: 38.724 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 88 Resp: 362391

Ion	Ratio	Lower	Upper
88	100		
58	66.5	53.5	80.3
43	24.9	20.8	31.2



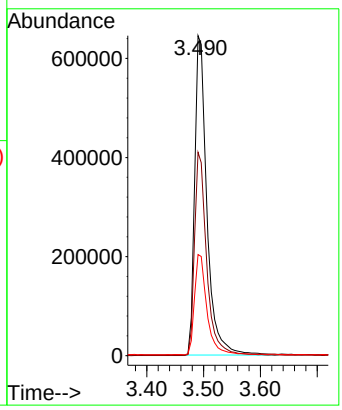


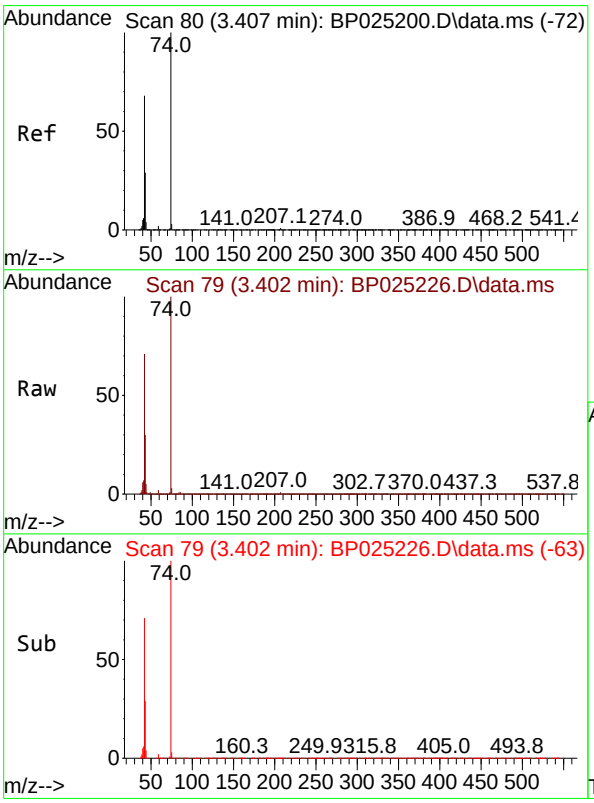
#3
Pyridine
Concen: 38.721 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 970000

Ion	Ratio	Lower	Upper
79	100		
52	63.5	50.2	75.4
51	31.6	25.0	37.4

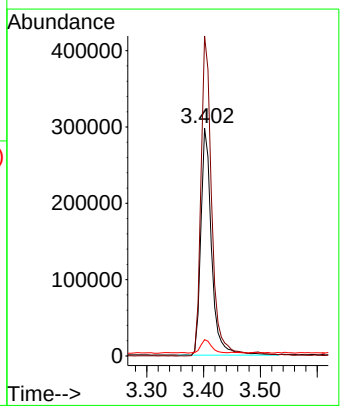


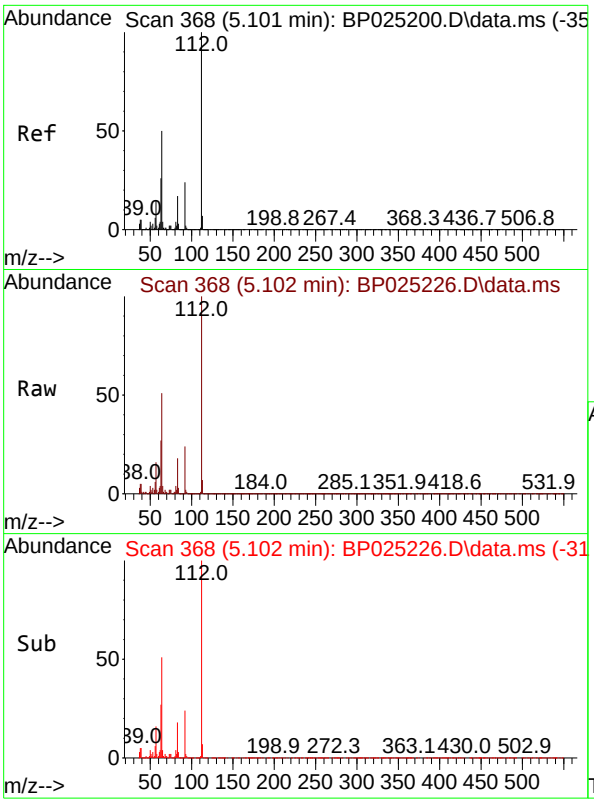


#4
n-Nitrosodimethylamine
Concen: 39.375 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 42 Resp: 391174

Ion	Ratio	Lower	Upper
42	100		
74	140.4	118.0	177.0
44	7.1	5.5	8.3



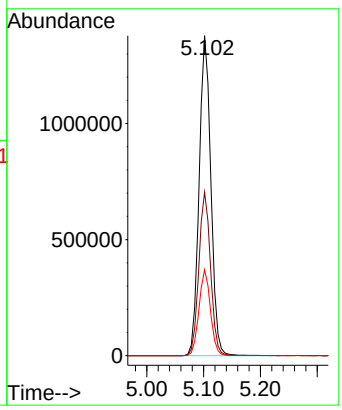


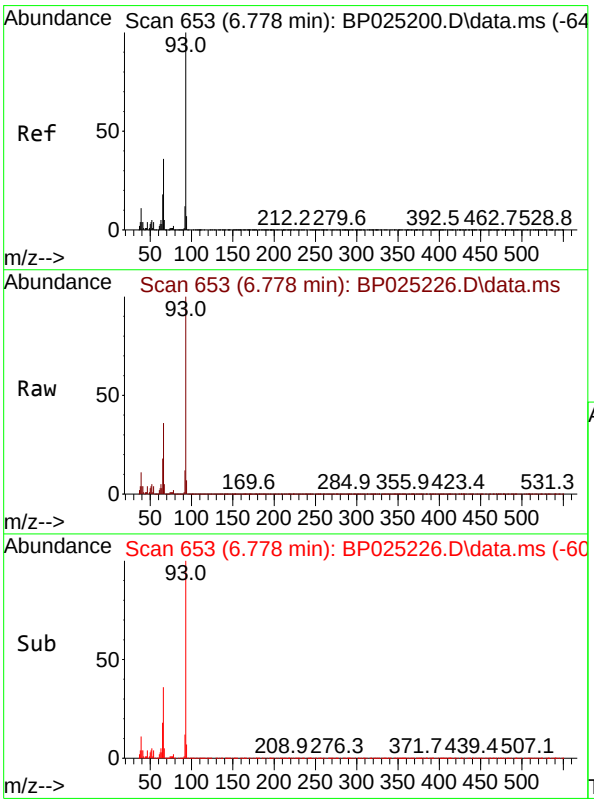
#5
2-Fluorophenol
Concen: 79.254 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 1978949

Ion	Ratio	Lower	Upper
112	100		
64	51.1	39.8	59.6
63	26.8	20.5	30.7

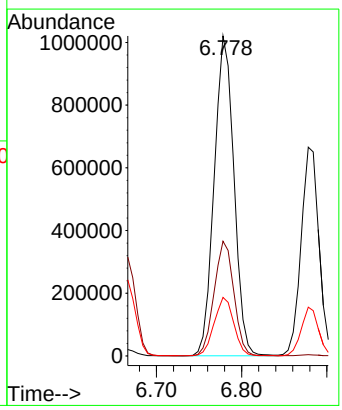


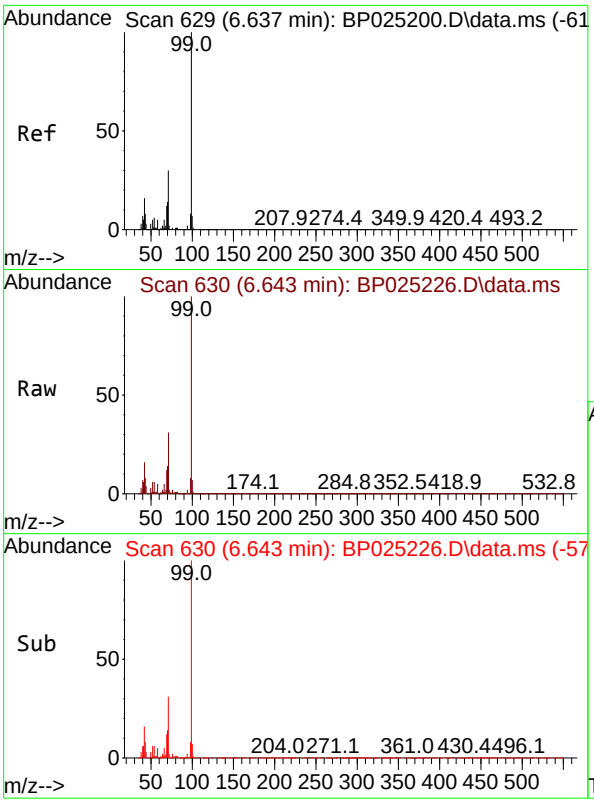


#6
Aniline
Concen: 40.717 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 1645967

Ion	Ratio	Lower	Upper
93	100		
66	35.8	28.6	43.0
65	18.3	14.6	21.8



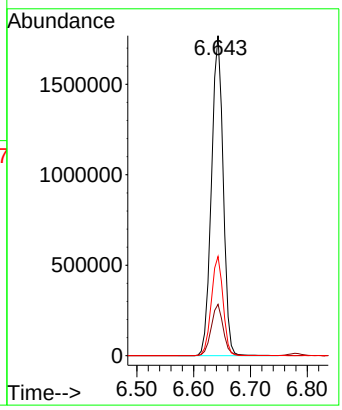


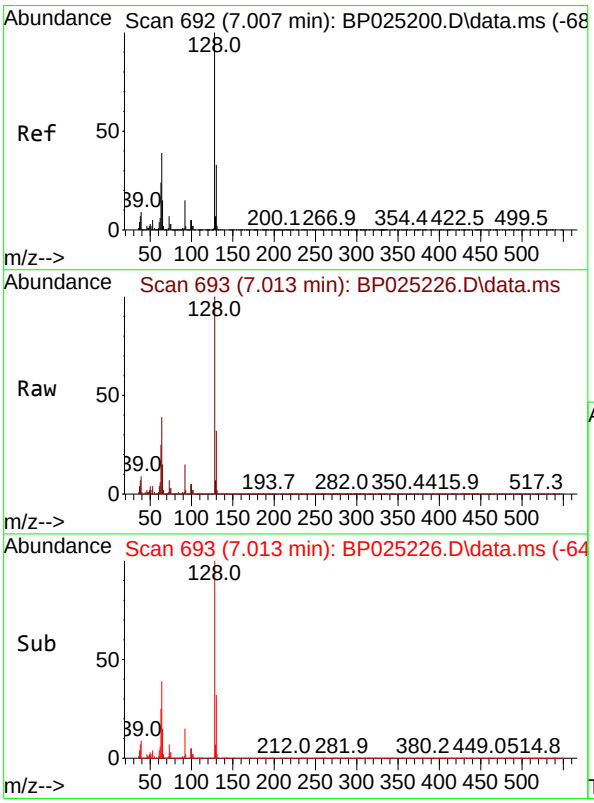
#7
Phenol-d6
Concen: 81.590 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 2523247

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.5	18.7
71	31.0	24.2	36.2

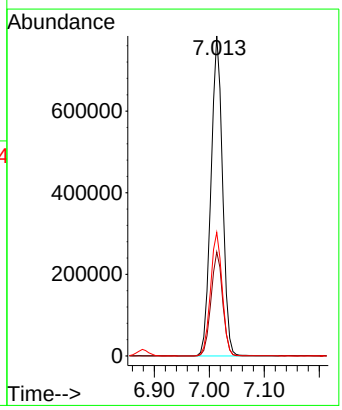


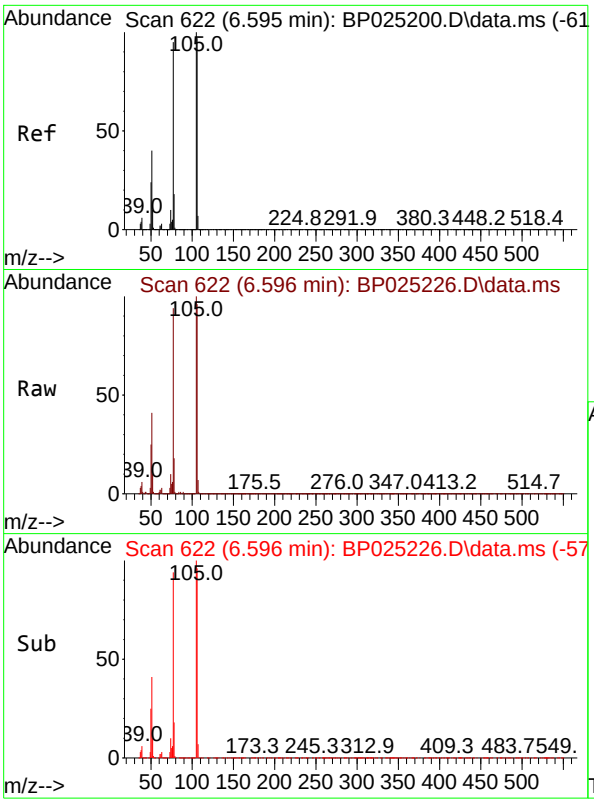


#8
2-Chlorophenol
Concen: 40.435 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:128 Resp: 1145574

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	38.6	19.2	59.2



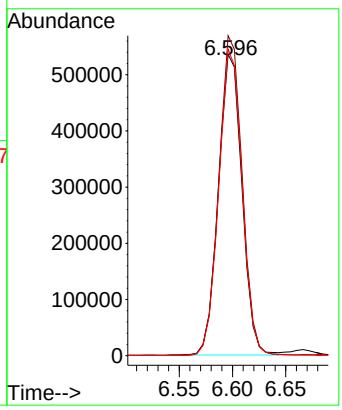


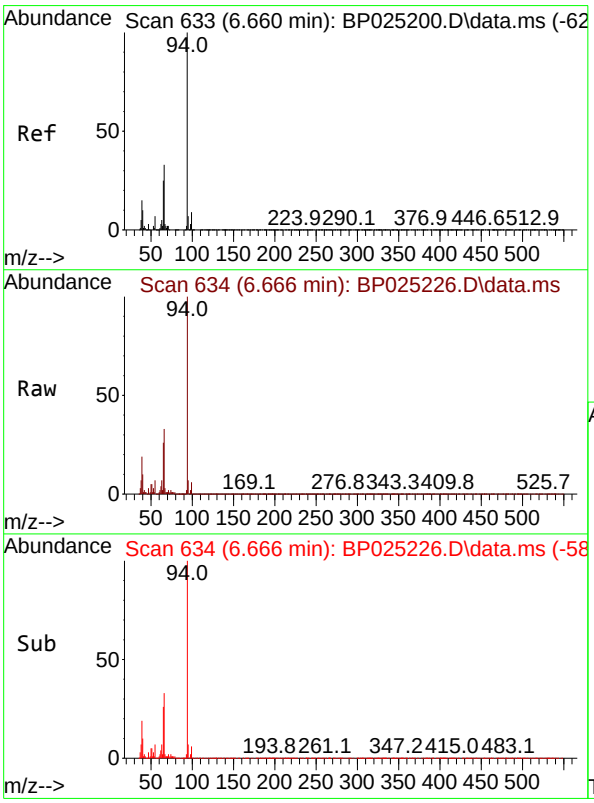
#9
Benzaldehyde
Concen: 39.187 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 821679

Ion	Ratio	Lower	Upper
77	100		
105	106.1	85.5	125.5
106	101.6	81.9	121.9

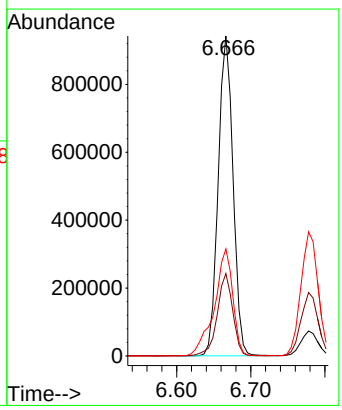


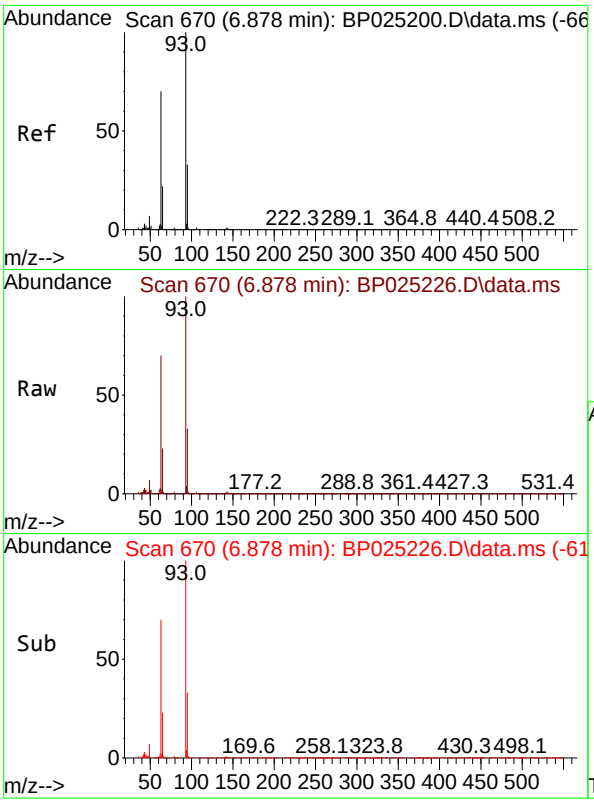


#10
Phenol
Concen: 40.854 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 94 Resp: 1310286

Ion	Ratio	Lower	Upper
94	100		
65	25.8	5.4	45.4
66	33.5	13.5	53.5



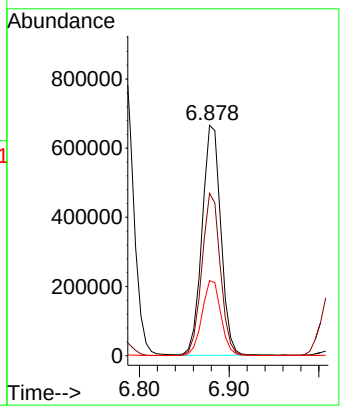


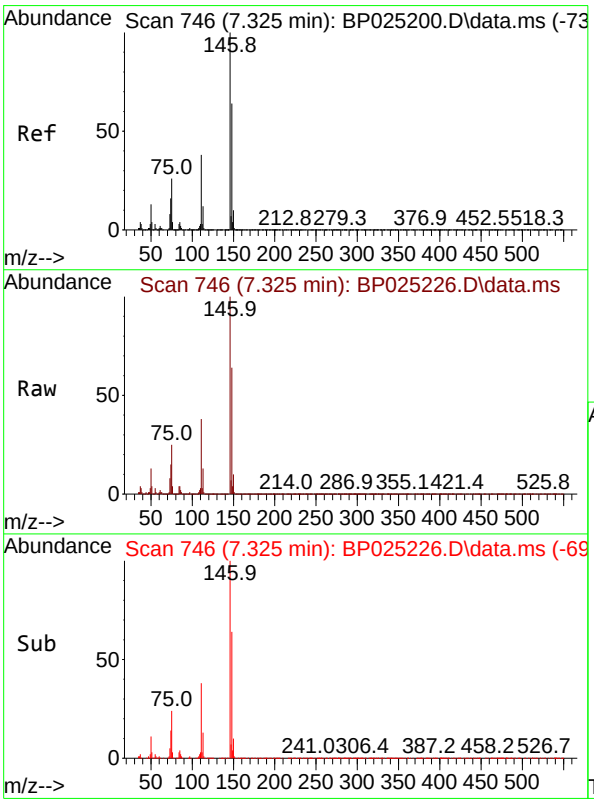
#11
bis(2-Chloroethyl)ether
Concen: 39.372 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 968101

Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.0	90.0
95	32.6	12.9	52.9

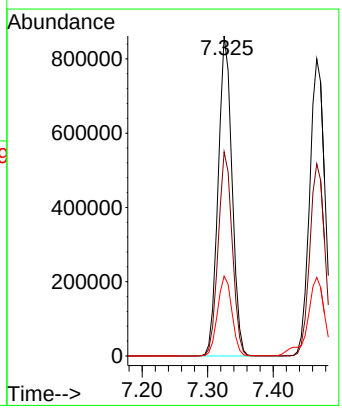


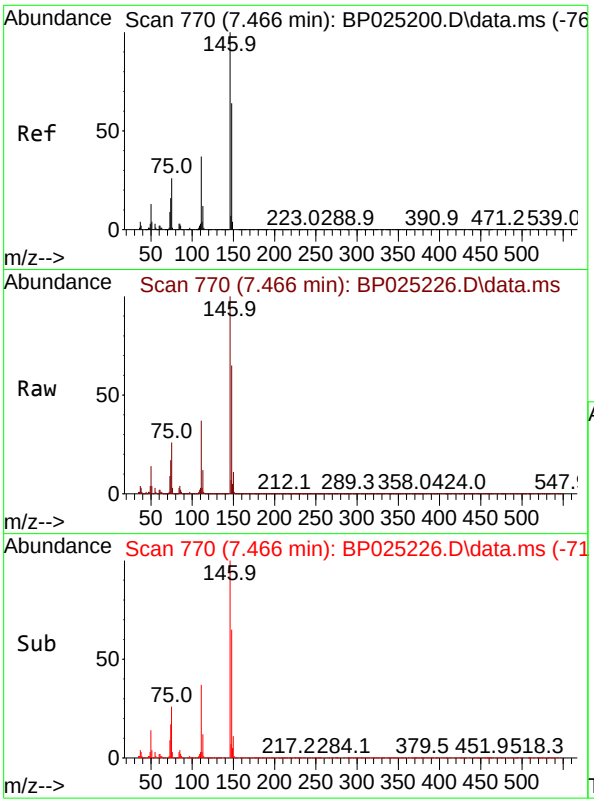


#12
1,3-Dichlorobenzene
Concen: 39.465 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 1257357

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	25.0	20.6	31.0



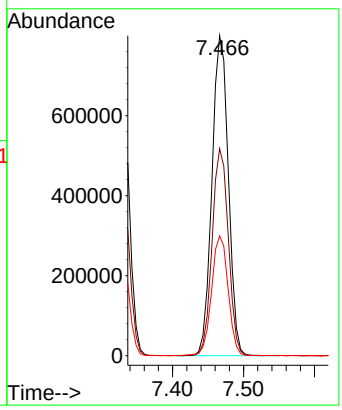


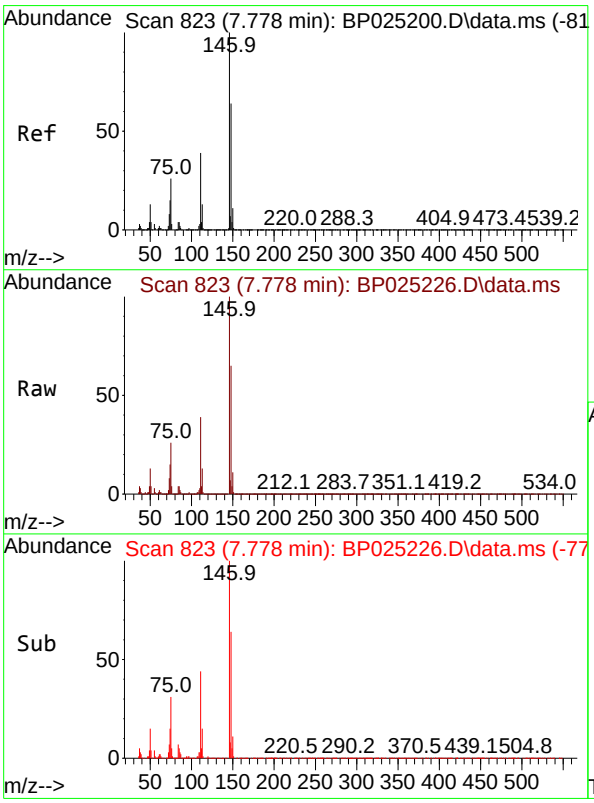
#13
1,4-Dichlorobenzene
Concen: 39.837 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 1281149

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	37.5	29.9	44.9

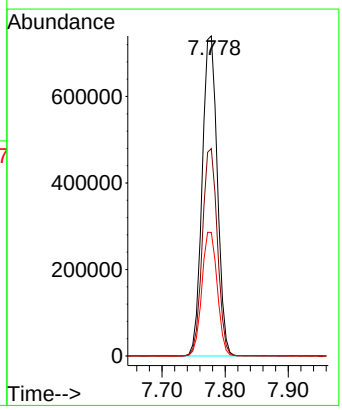


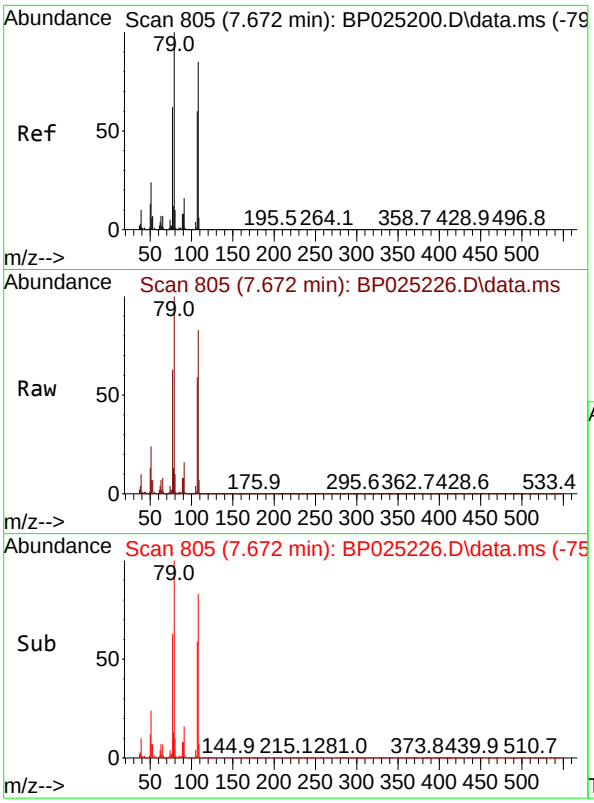


#14
1,2-Dichlorobenzene
Concen: 39.835 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 1232371

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	38.6	31.3	46.9



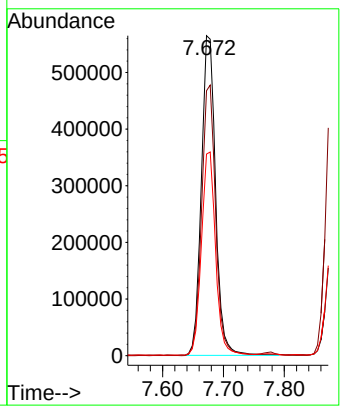


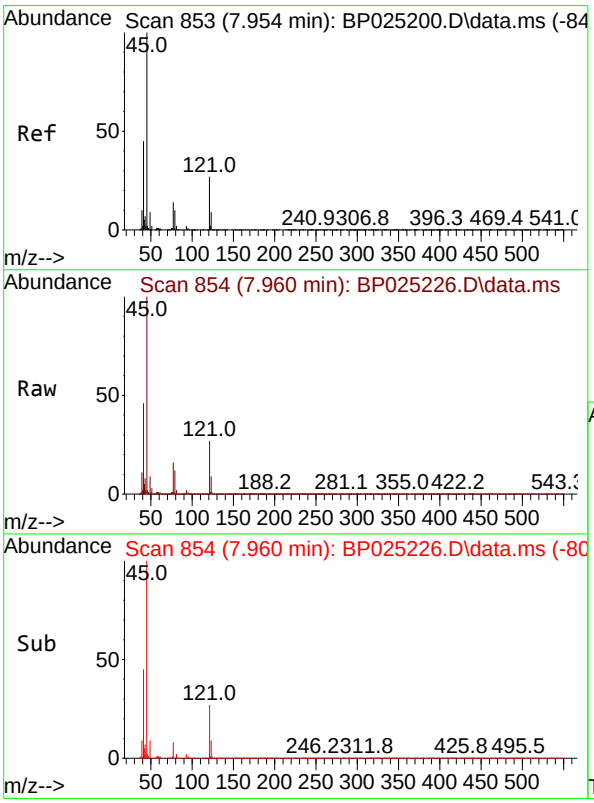
#15
Benzyl Alcohol
Concen: 40.996 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 914524

Ion	Ratio	Lower	Upper
79	100		
108	82.8	67.8	101.6
77	63.0	49.9	74.9

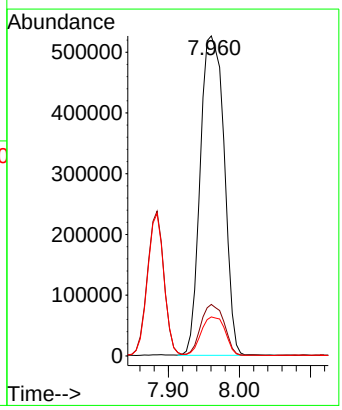


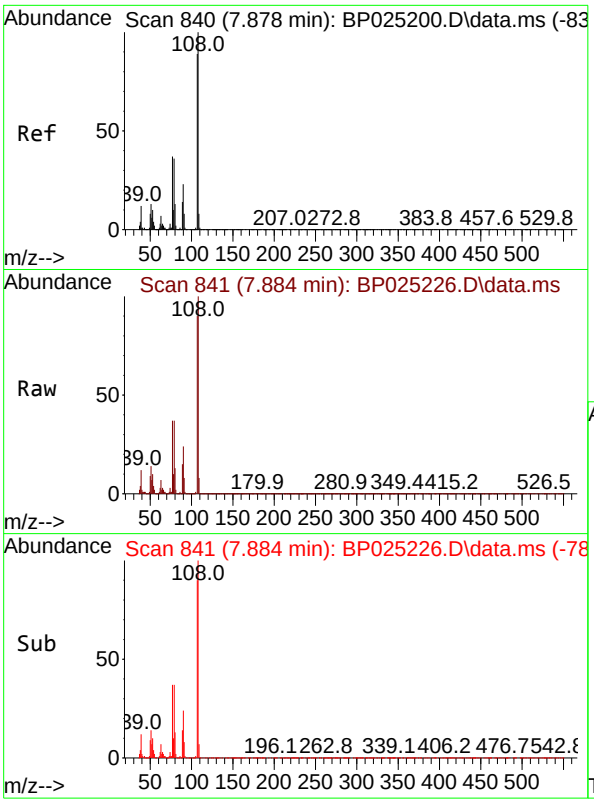


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.032 ng
RT: 7.960 min Scan# 854
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 45 Resp: 1228018

Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	36.0
79	12.2	0.0	31.7



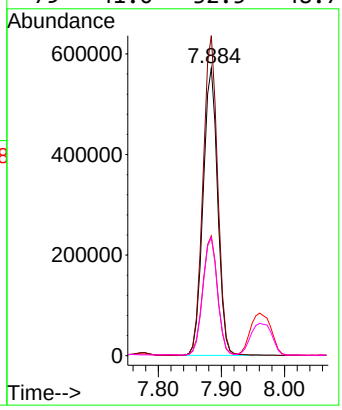


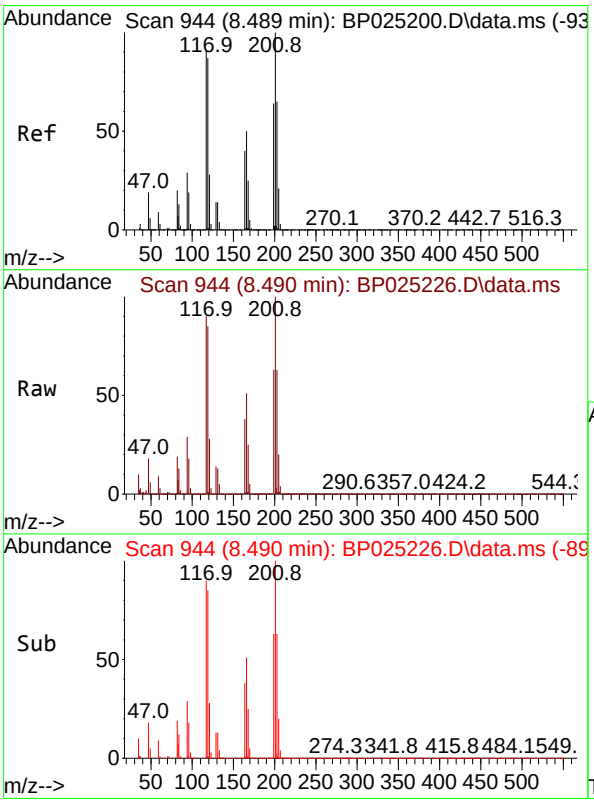
#17
2-Methylphenol
Concen: 41.301 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 918321

Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.8	134.8
77	41.7	33.2	49.8
79	41.0	32.5	48.7

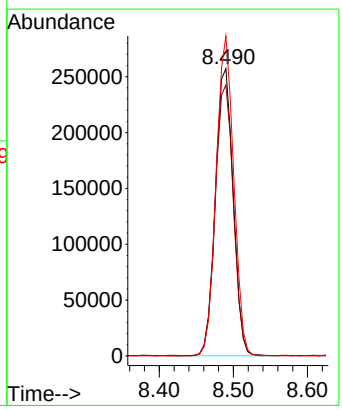


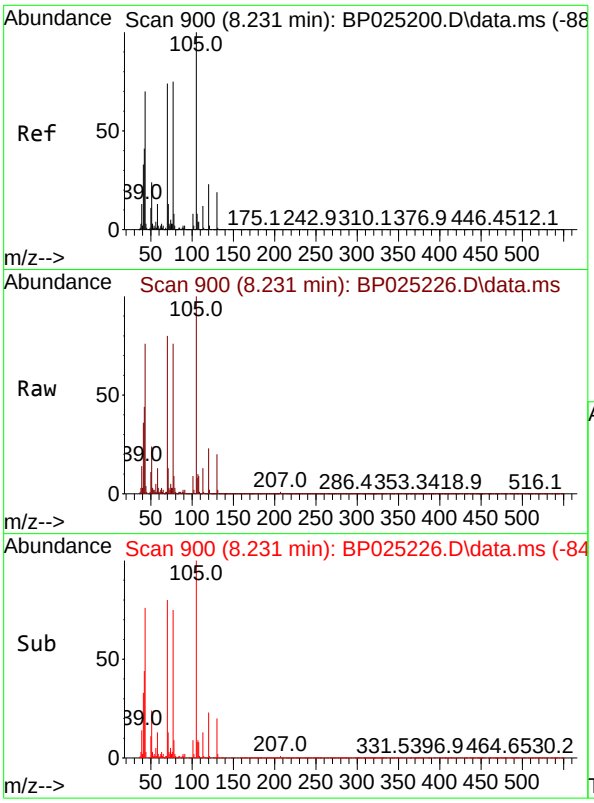


#18
Hexachloroethane
Concen: 38.843 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:117 Resp: 429581

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.0	115.6
201	111.4	88.3	132.5



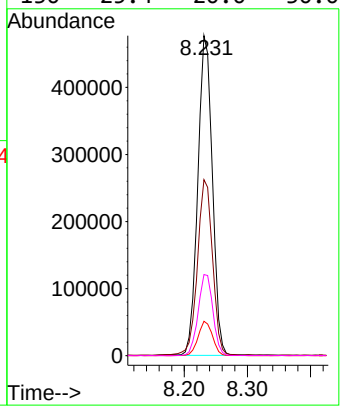


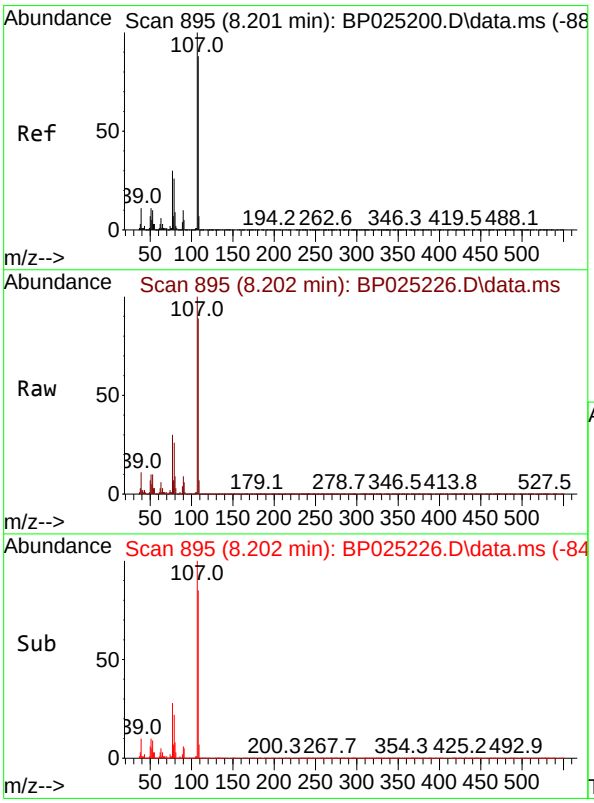
#19
n-Nitroso-di-n-propylamine
Concen: 41.006 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 762902

Ion	Ratio	Lower	Upper
70	100		
42	55.0	44.2	66.2
101	10.7	8.6	12.8
130	25.4	20.0	30.0

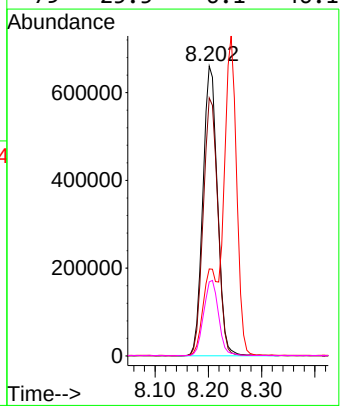


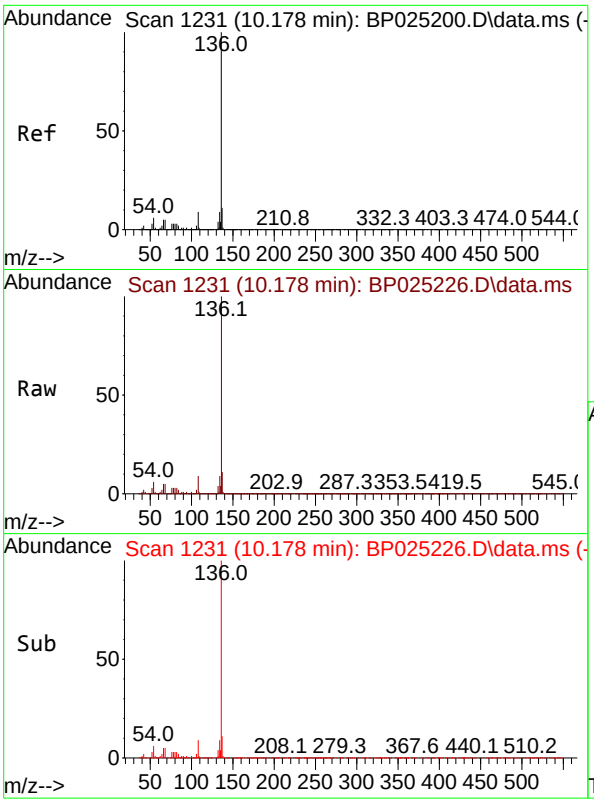


#20
3+4-Methylphenols
Concen: 41.404 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 1255779

Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.8	107.8
77	30.0	10.3	50.3
79	25.5	6.1	46.1



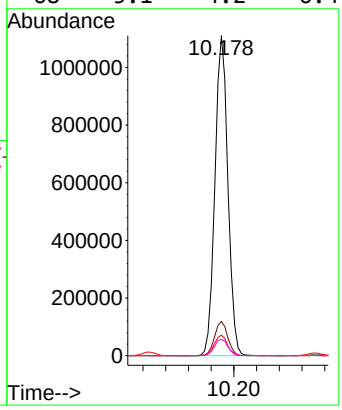


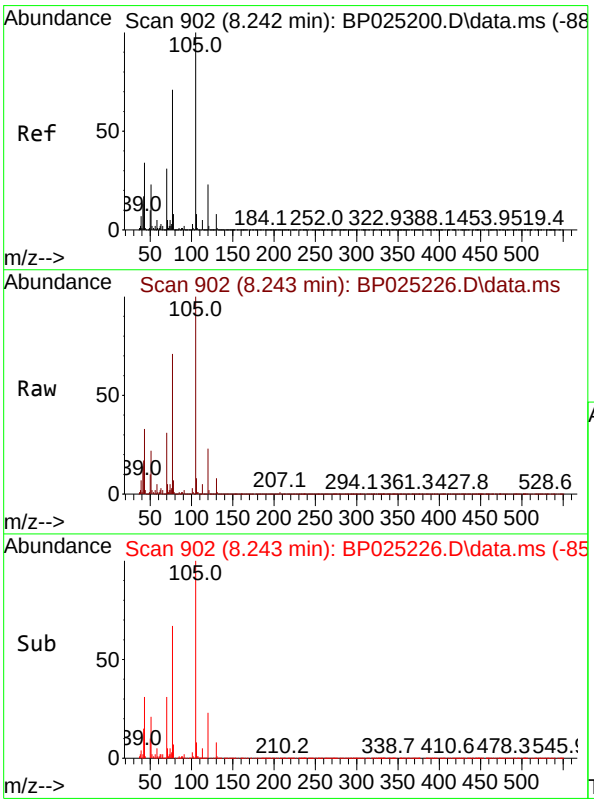
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 1750040

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.4	5.1	7.7
68	5.1	4.2	6.4

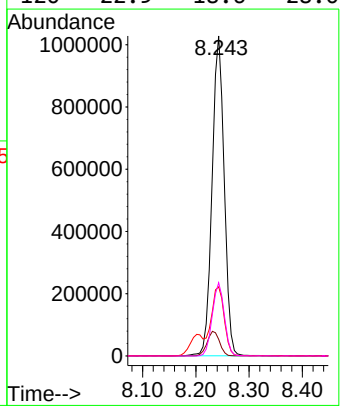


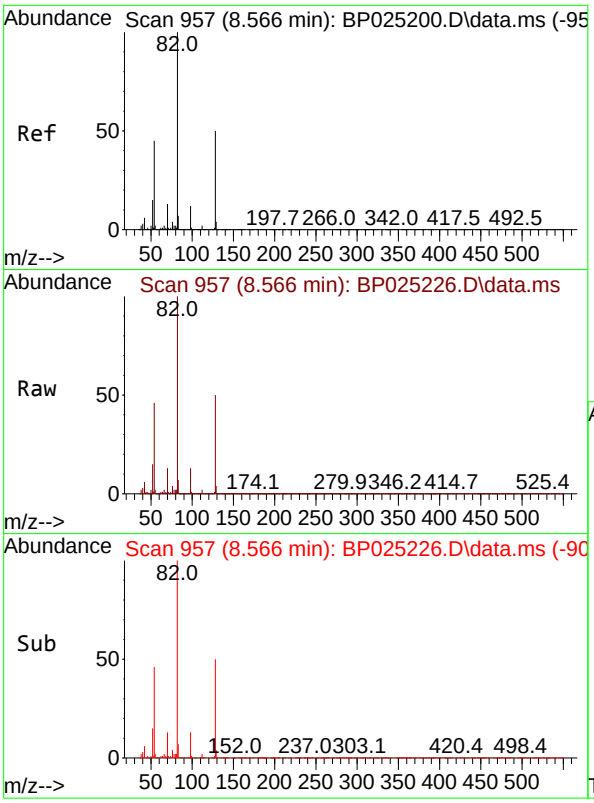


#22
Acetophenone
Concen: 39.934 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:105 Resp: 1626199

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.1	6.1
51	21.6	18.5	27.7
120	22.9	18.6	28.0



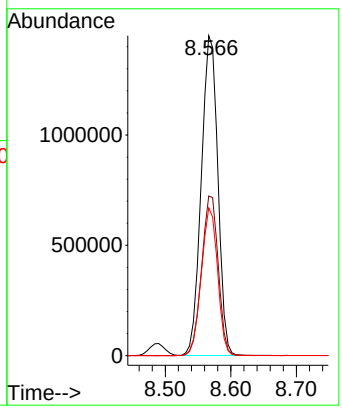


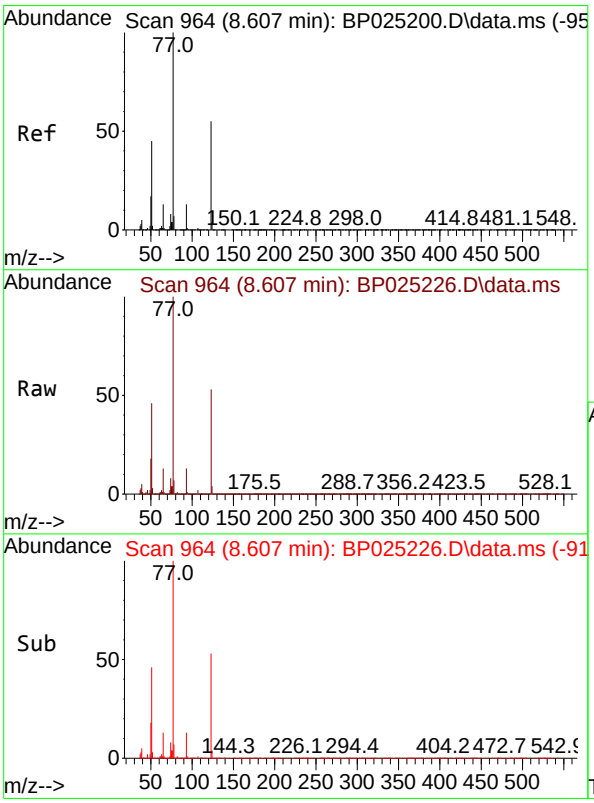
#23
Nitrobenzene-d5
Concen: 80.910 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 2547924

Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.2	60.4
54	46.2	36.3	54.5

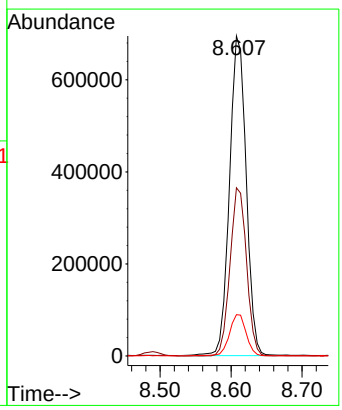


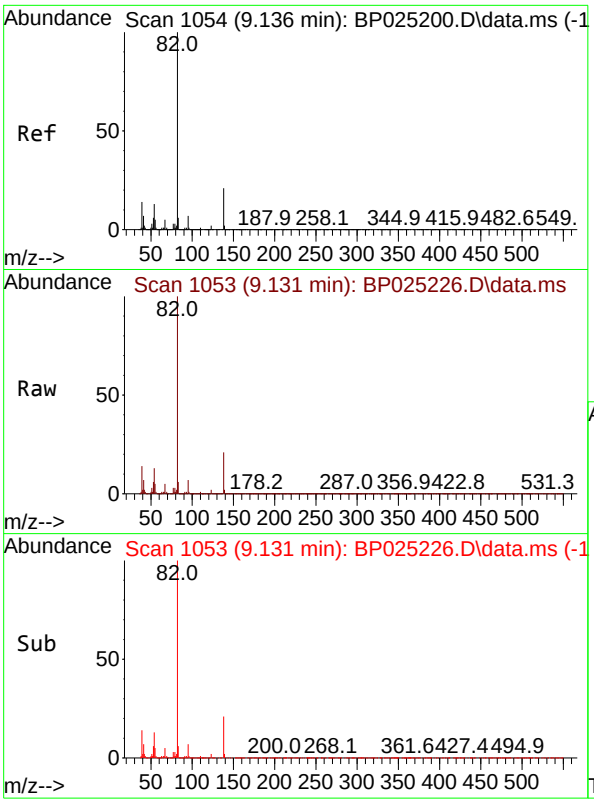


#24
Nitrobenzene
Concen: 40.408 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 77 Resp: 1134306

Ion	Ratio	Lower	Upper
77	100		
123	52.5	43.6	65.4
65	12.9	10.2	15.2



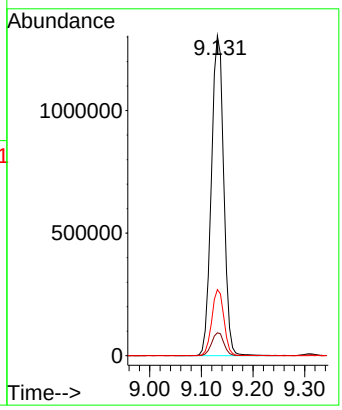


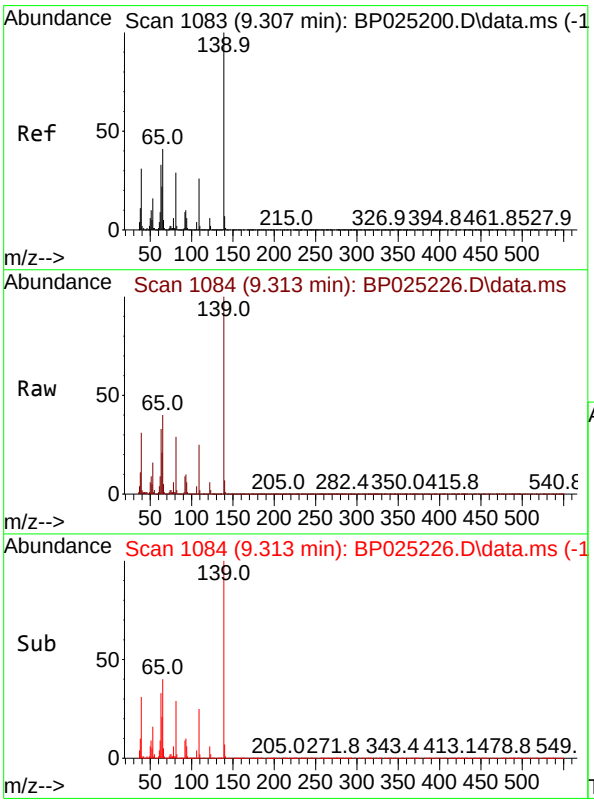
#25
Isophorone
Concen: 39.102 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 2165372

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	20.6	16.6	25.0

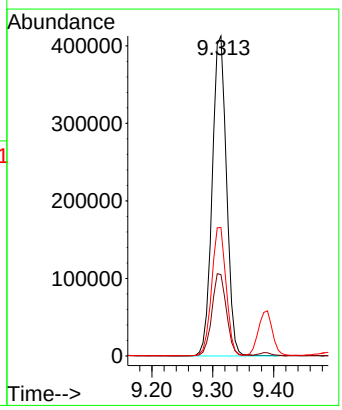


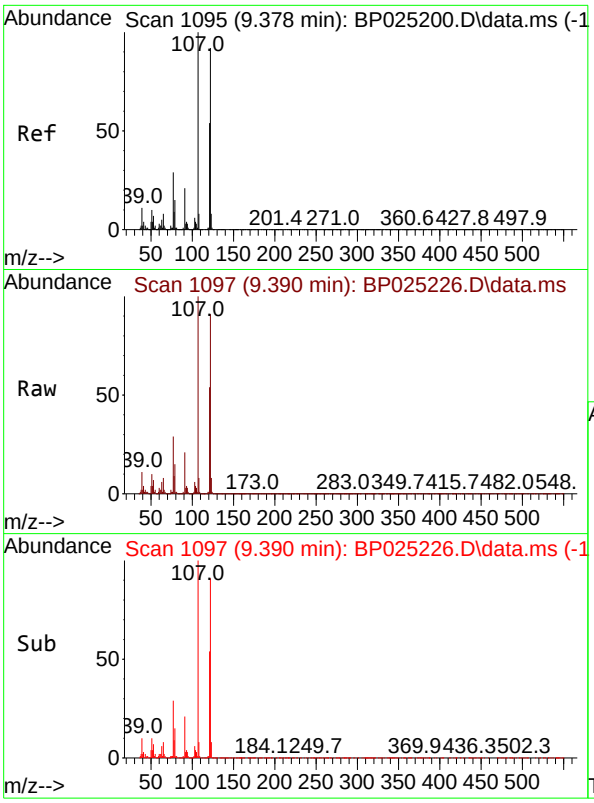


#26
2-Nitrophenol
Concen: 41.700 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:139 Resp: 672219

Ion	Ratio	Lower	Upper
139	100		
109	25.5	21.0	31.6
65	40.2	32.7	49.1



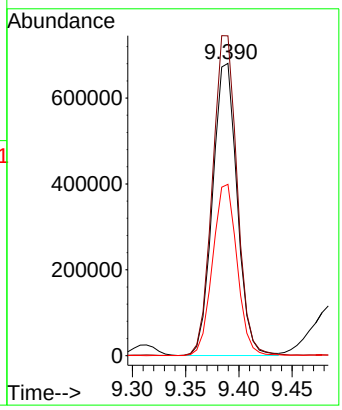


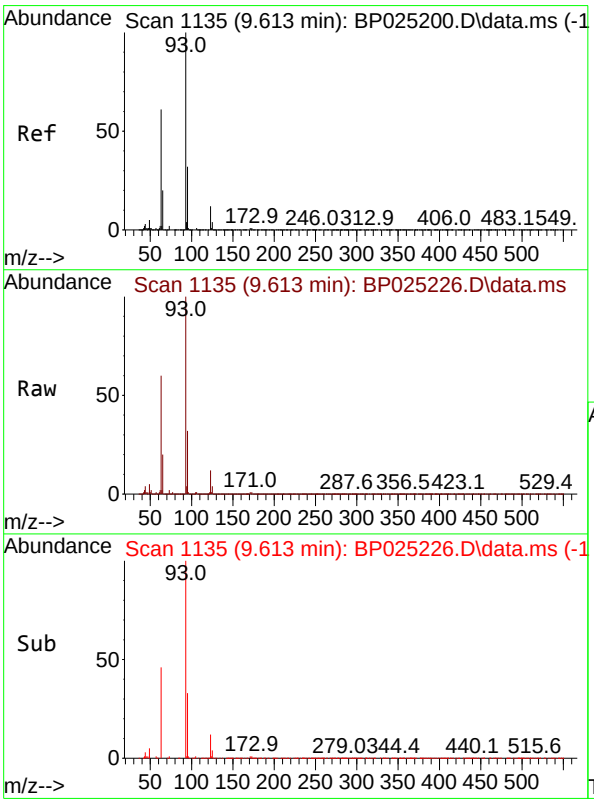
#27
2,4-Dimethylphenol
Concen: 40.348 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 1088351

Ion	Ratio	Lower	Upper
122	100		
107	109.5	87.0	130.4
121	58.6	46.7	70.1

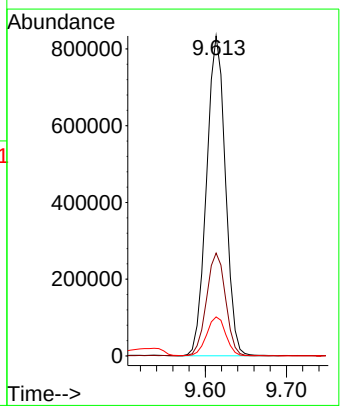


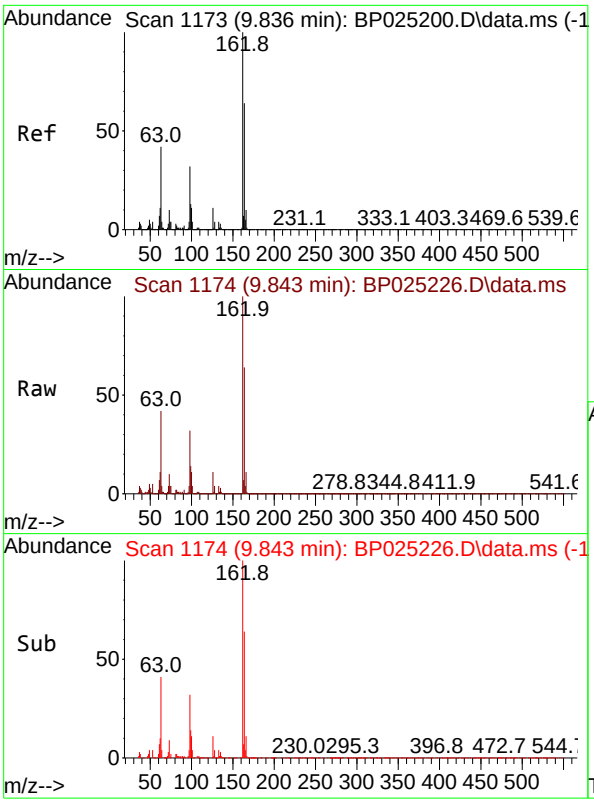


#28
bis(2-Chloroethoxy)methane
Concen: 38.771 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 1342968

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	12.2	9.8	14.6



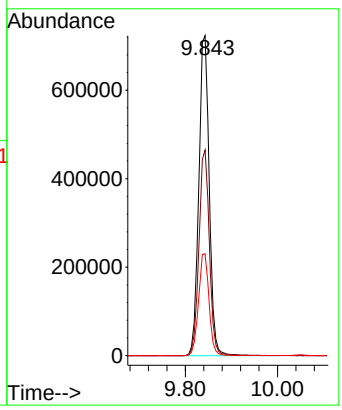


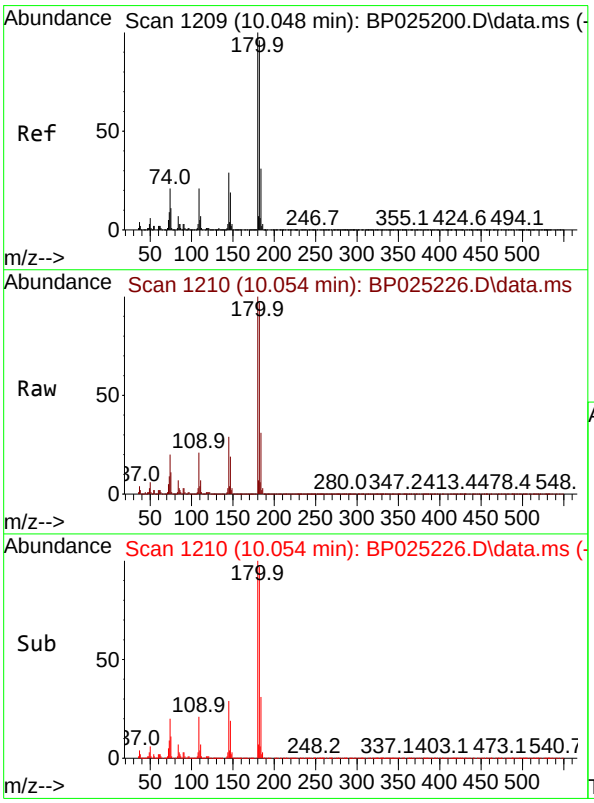
#29
2,4-Dichlorophenol
Concen: 41.112 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 1139279

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	31.8	11.7	51.7

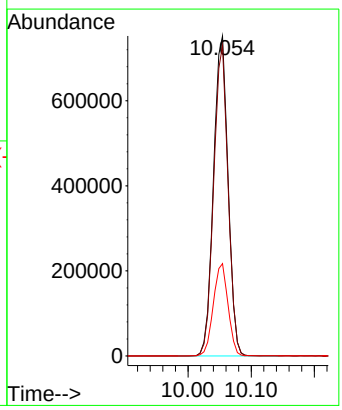


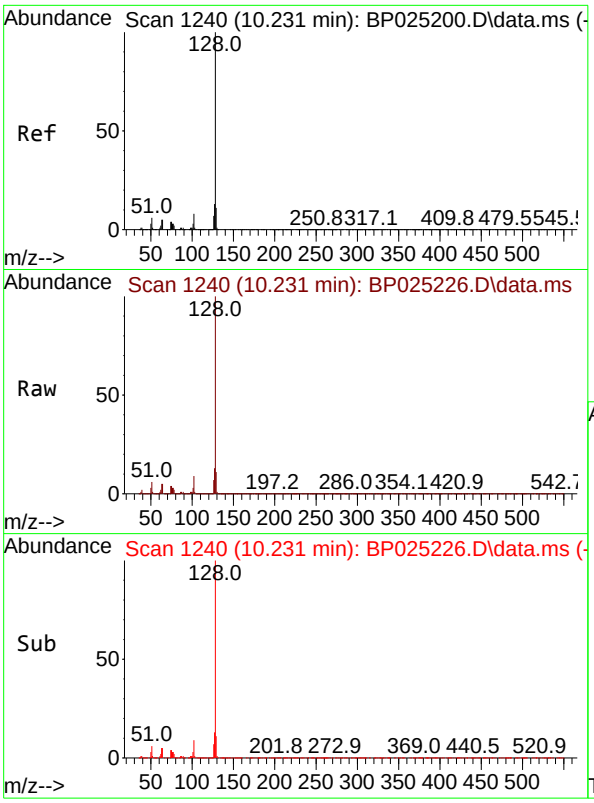


#30
1,2,4-Trichlorobenzene
Concen: 39.767 ng
RT: 10.054 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:180 Resp: 1203645

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.7	115.1
145	28.8	23.5	35.3



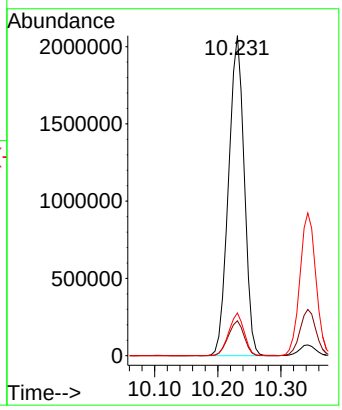


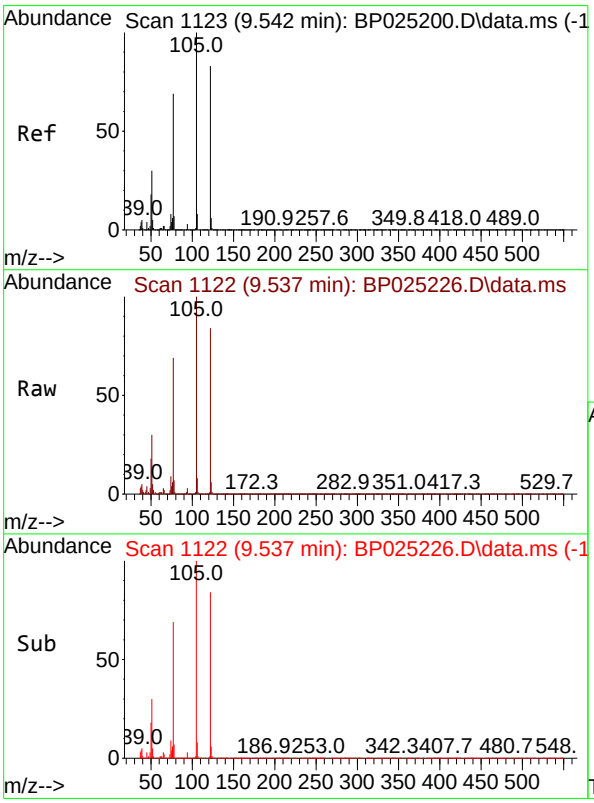
#31
Naphthalene
Concen: 39.861 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 3569658

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.4	10.4	15.6

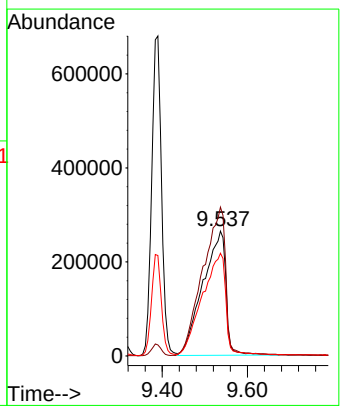


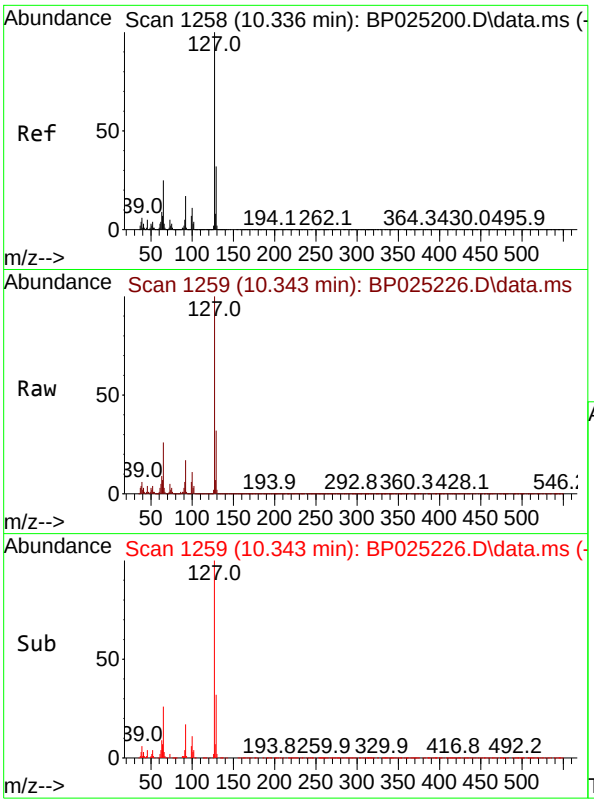


#32
Benzoic acid
Concen: 48.005 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:122 Resp: 988555

Ion	Ratio	Lower	Upper
122	100		
105	119.2	98.1	138.1
77	82.4	62.7	102.7



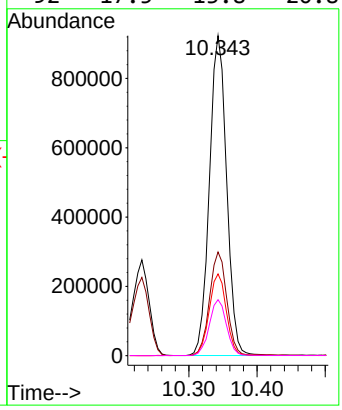


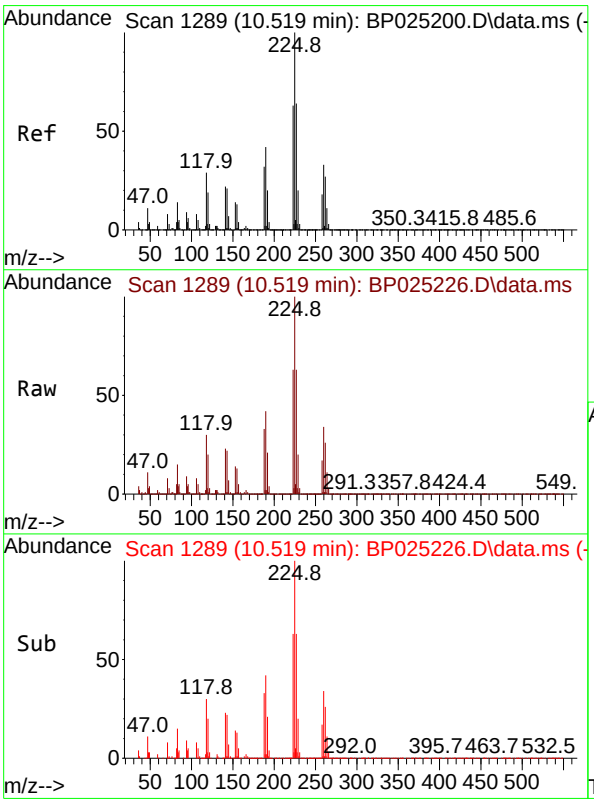
#33
4-Chloroaniline
Concen: 41.255 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 1623996

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	25.6	20.2	30.4
92	17.5	13.8	20.8

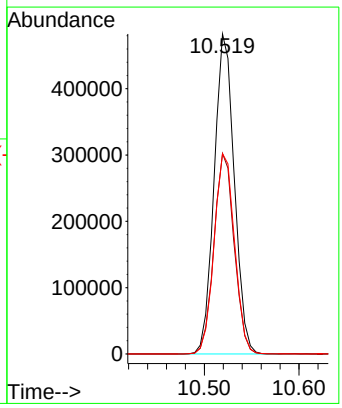


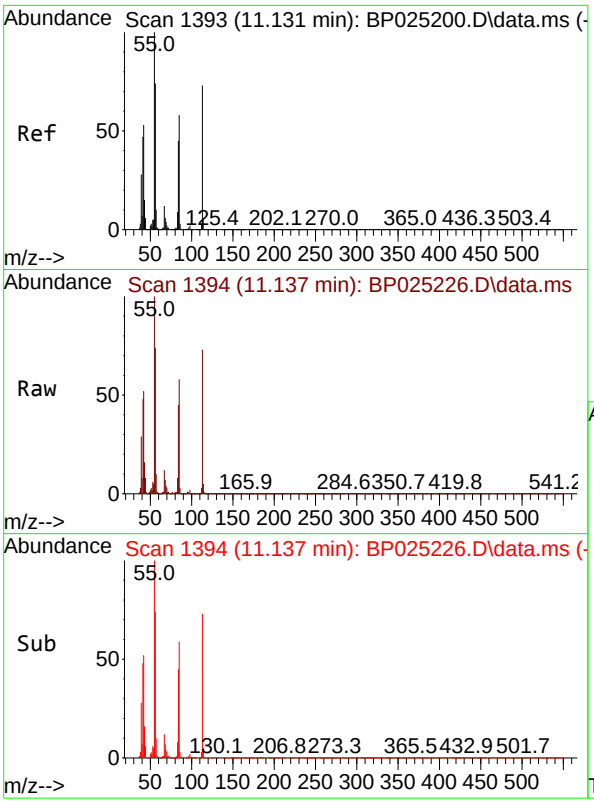


#34
Hexachlorobutadiene
Concen: 39.161 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:225 Resp: 713422

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	62.6	51.4	77.0



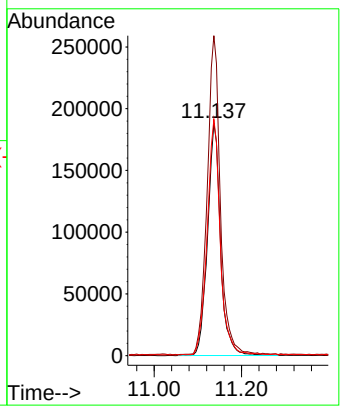


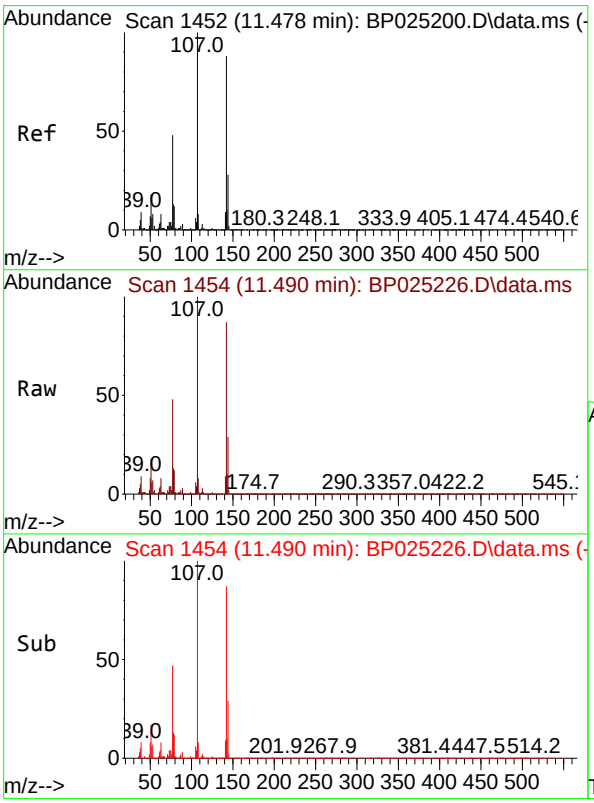
#35
Caprolactam
Concen: 42.101 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 387211

Ion	Ratio	Lower	Upper
113	100		
55	137.6	117.6	157.6
56	101.7	82.4	122.4

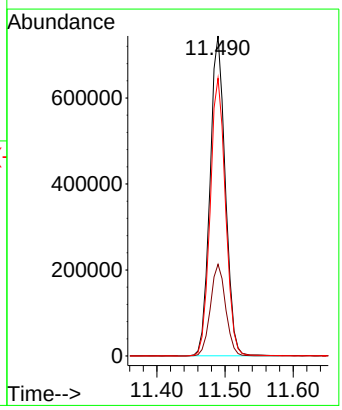


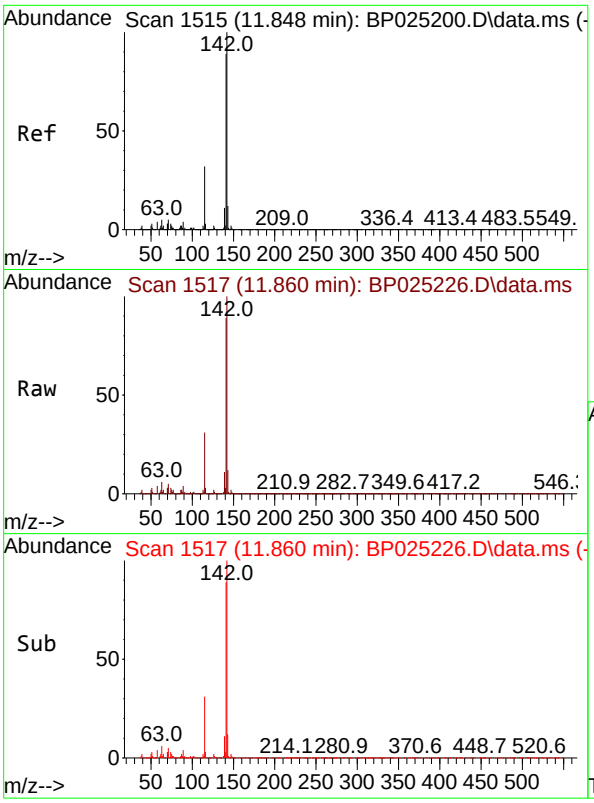


#36
4-Chloro-3-methylphenol
Concen: 42.016 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 1163924

Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.5	33.7
142	86.8	70.6	105.8



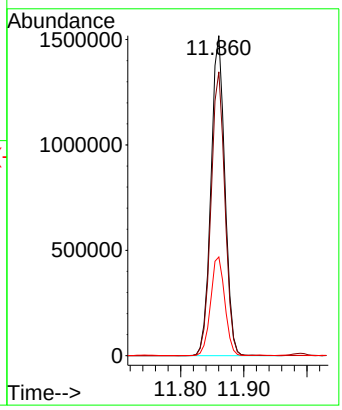


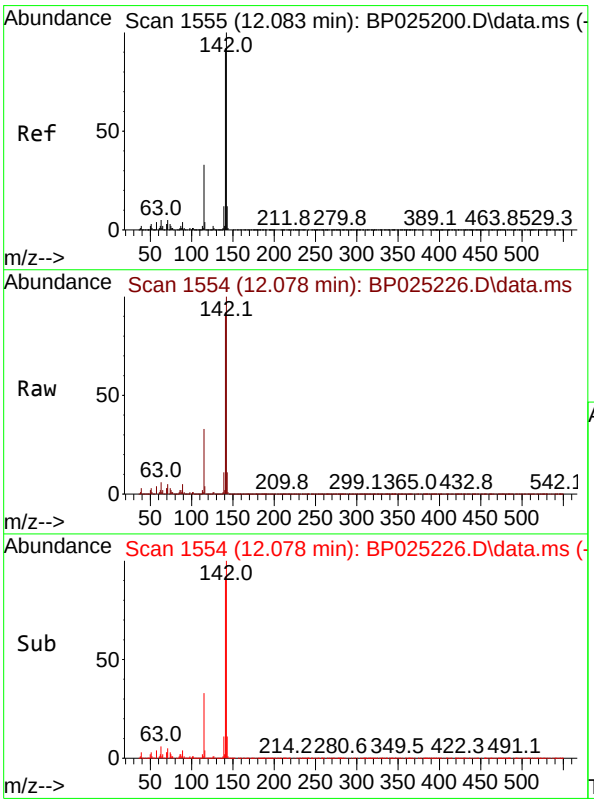
#37
2-Methylnaphthalene
Concen: 39.858 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 2317760

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	30.9	25.3	37.9

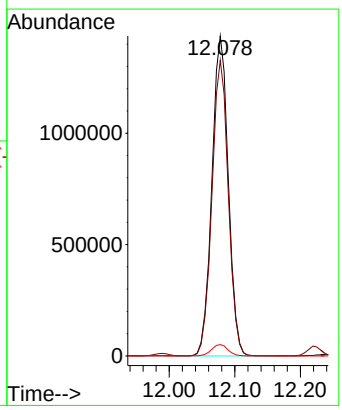


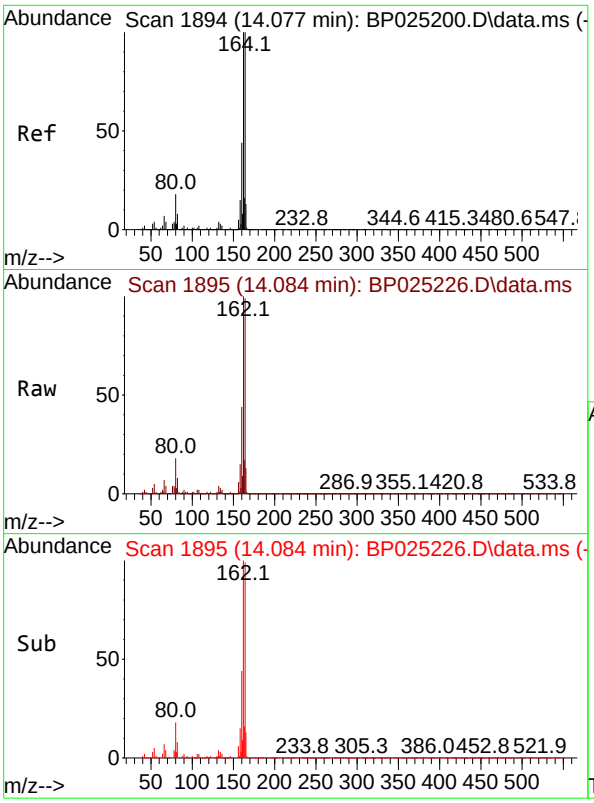


#38
1-Methylnaphthalene
Concen: 40.690 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:142 Resp: 2485497

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8
116	3.6	2.8	4.2



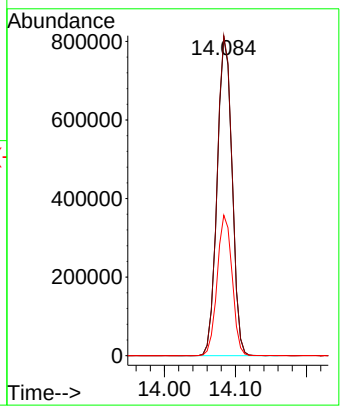


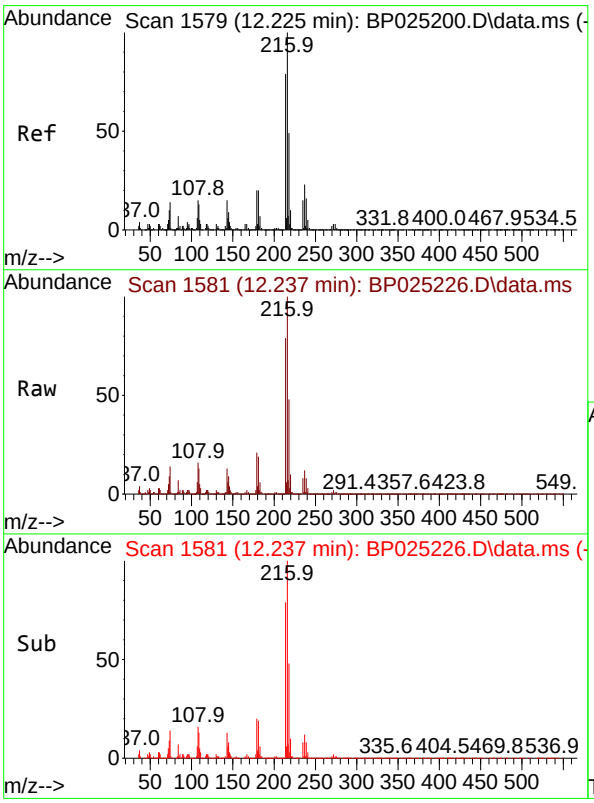
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 1174318

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	44.2	35.7	53.5

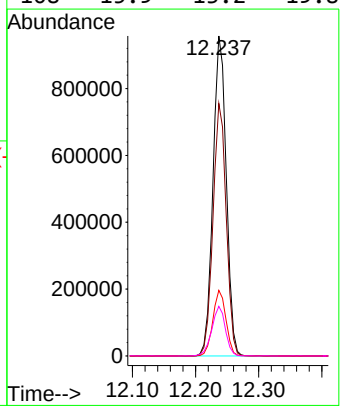


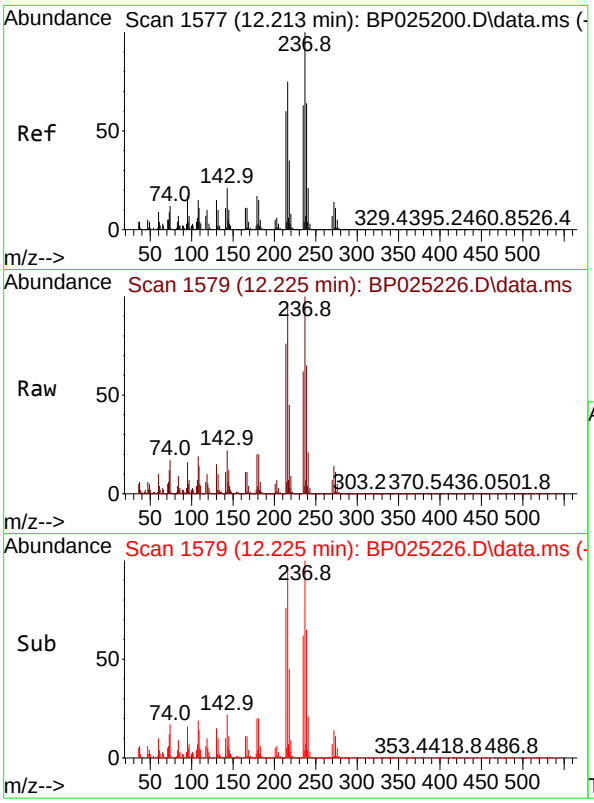


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.638 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:216 Resp: 1395264

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.7	94.1
179	20.2	16.2	24.4
108	15.9	13.2	19.8



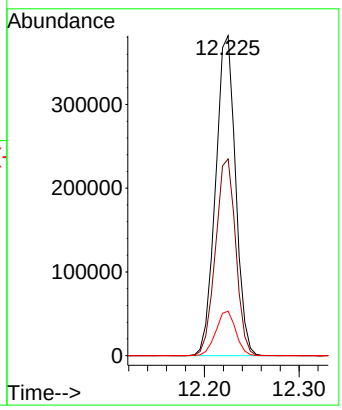


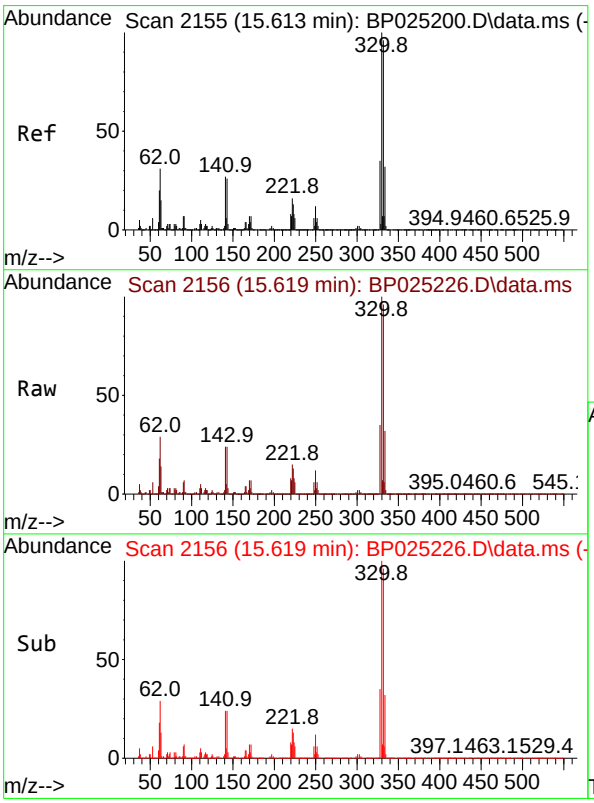
#41
Hexachlorocyclopentadiene
Concen: 26.642 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 559822

Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.7	82.7
272	13.9	0.0	33.6

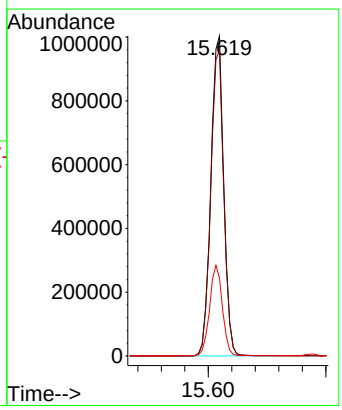


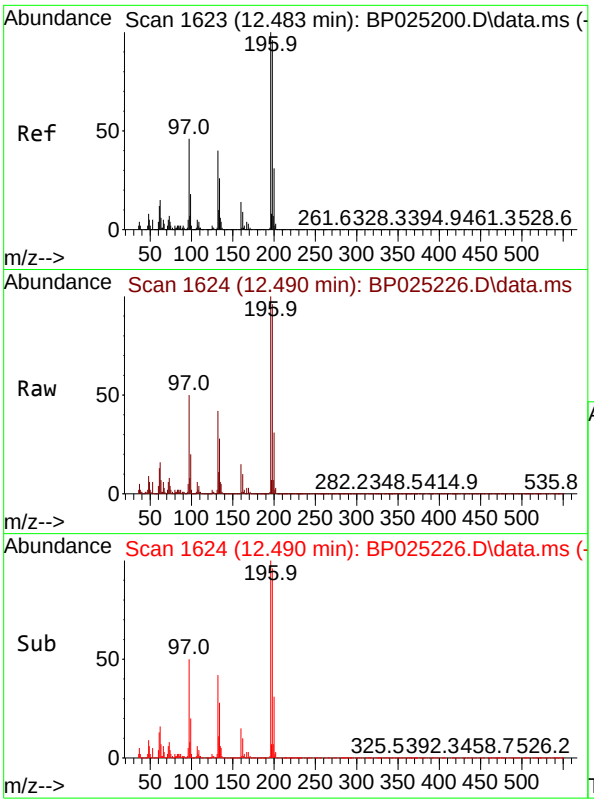


#42
2,4,6-Tribromophenol
Concen: 88.010 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:330 Resp: 1523626

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	28.0	22.4	33.6



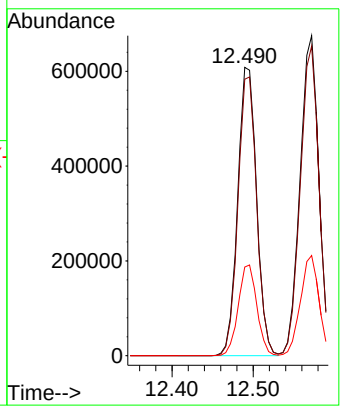


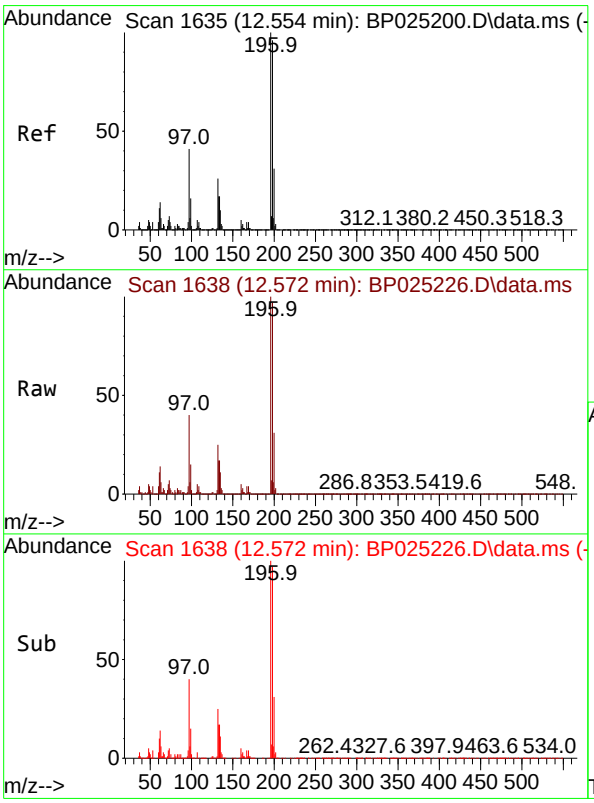
#43
2,4,6-Trichlorophenol
Concen: 40.841 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 982275

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	114.8
200	30.7	24.7	37.1

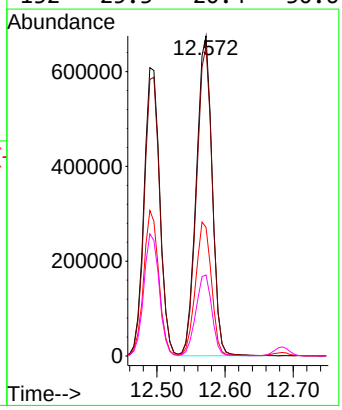


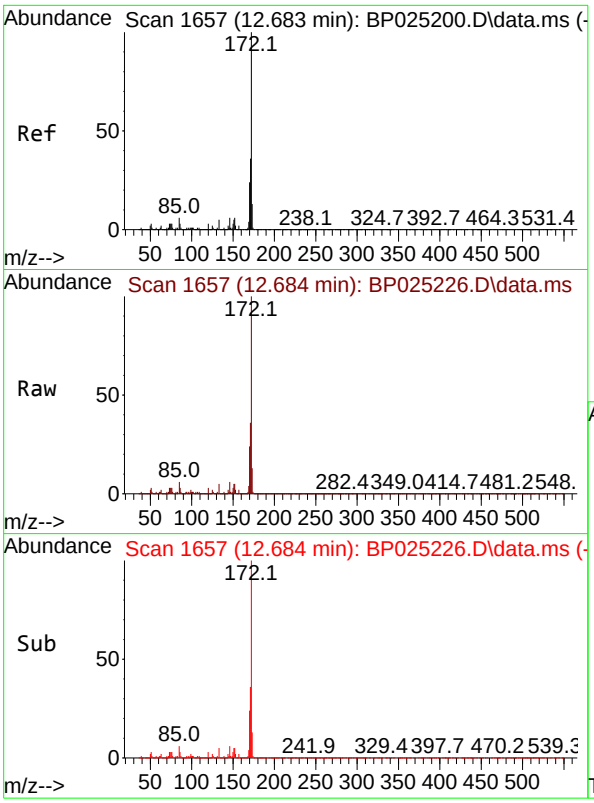


#44
2,4,5-Trichlorophenol
Concen: 41.075 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:196 Resp: 1087142

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.7	115.1
97	40.2	33.0	49.4
132	25.3	20.4	30.6



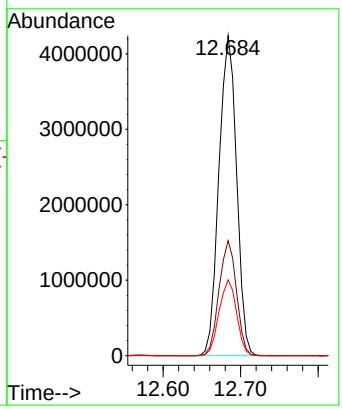


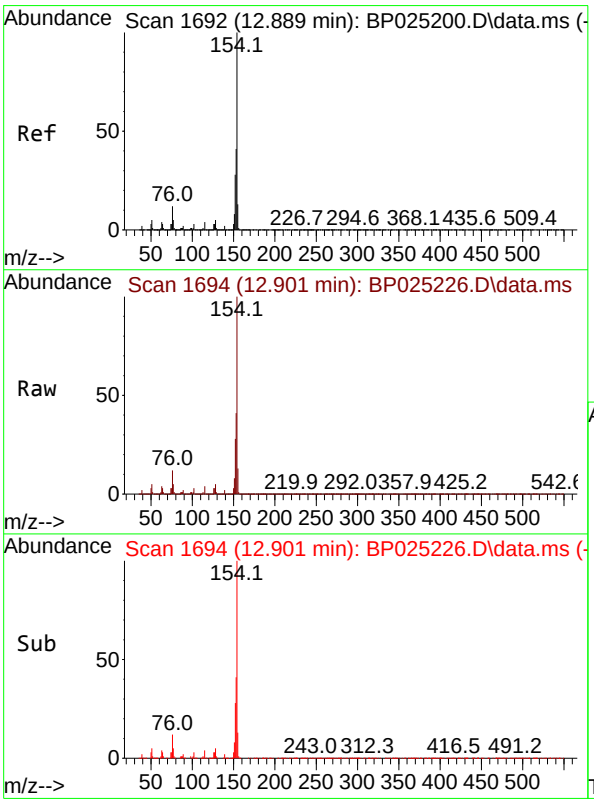
#45
2-Fluorobiphenyl
Concen: 80.519 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 6706884

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.7	19.2	28.8

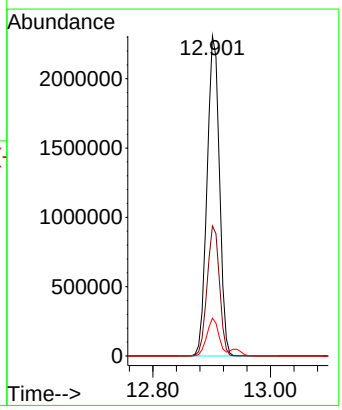


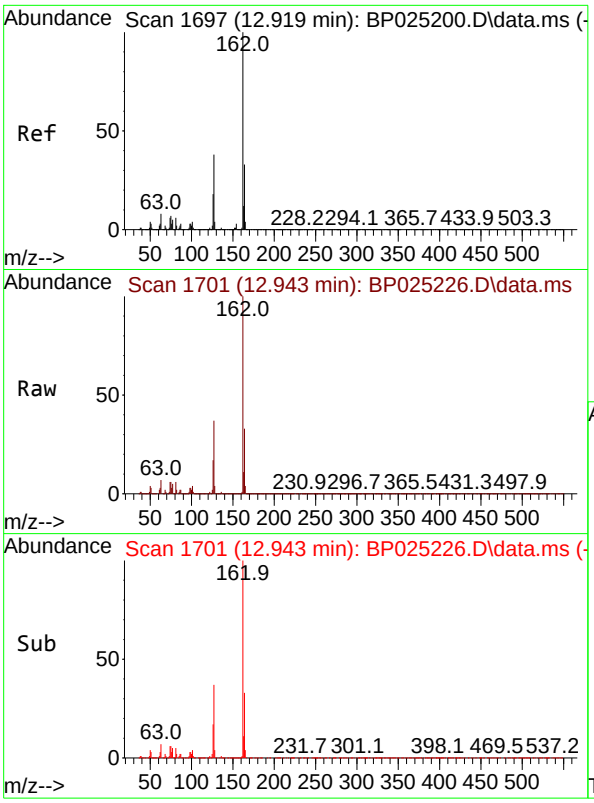


#46
1,1'-Biphenyl
Concen: 39.455 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:154 Resp: 3358747

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	11.8	0.0	31.6



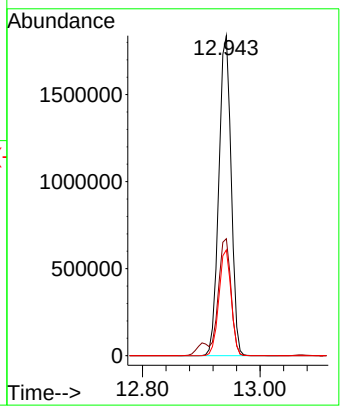


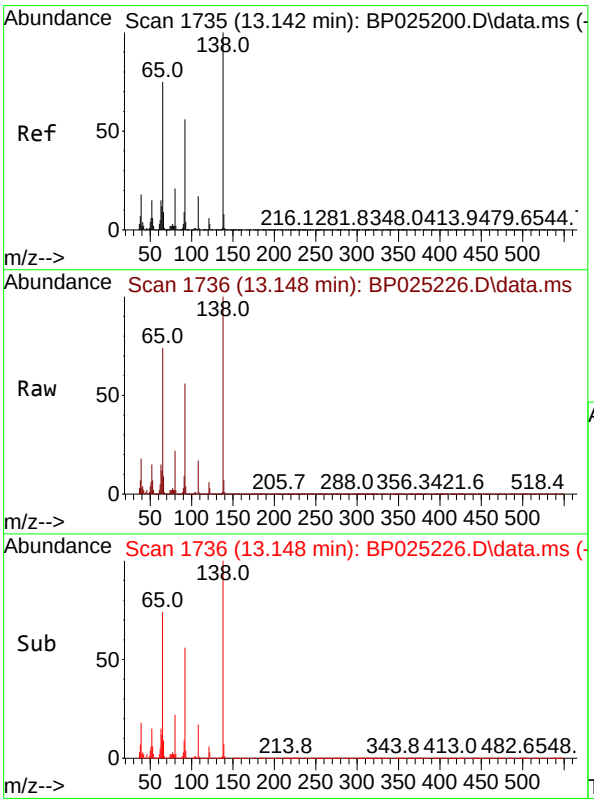
#47
2-Chloronaphthalene
Concen: 40.201 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 2671858

Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.1	45.1
164	33.1	26.5	39.7

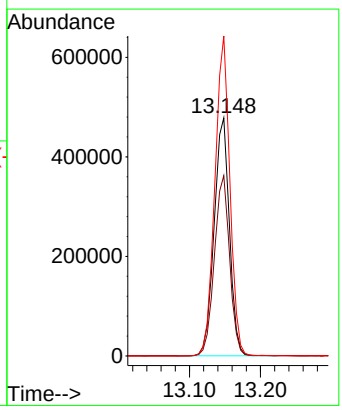


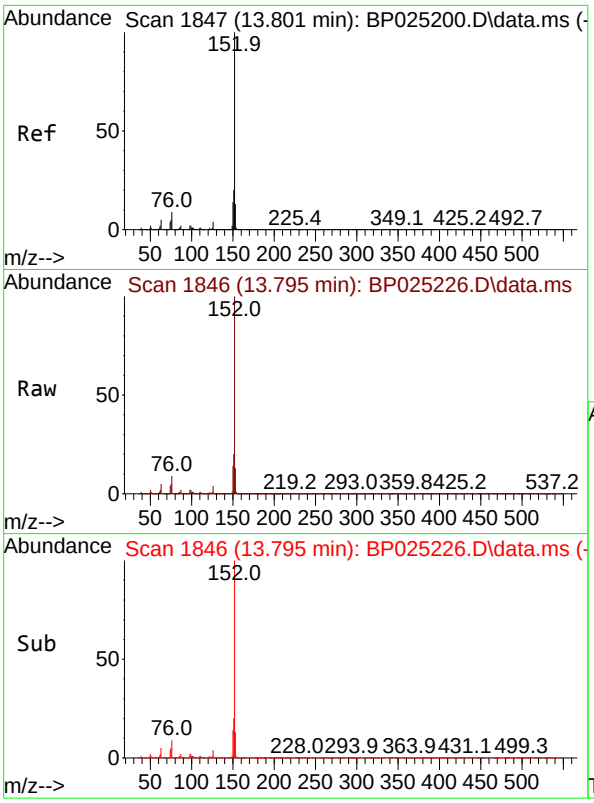


#48
2-Nitroaniline
Concen: 41.867 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 65 Resp: 710602

Ion	Ratio	Lower	Upper
65	100		
92	75.7	59.9	89.9
138	134.4	107.1	160.7



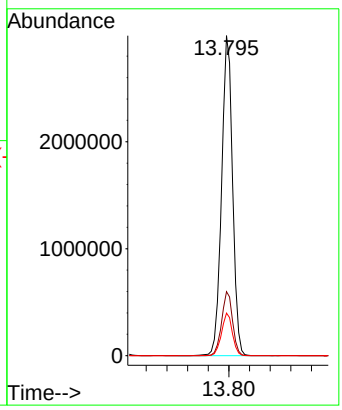


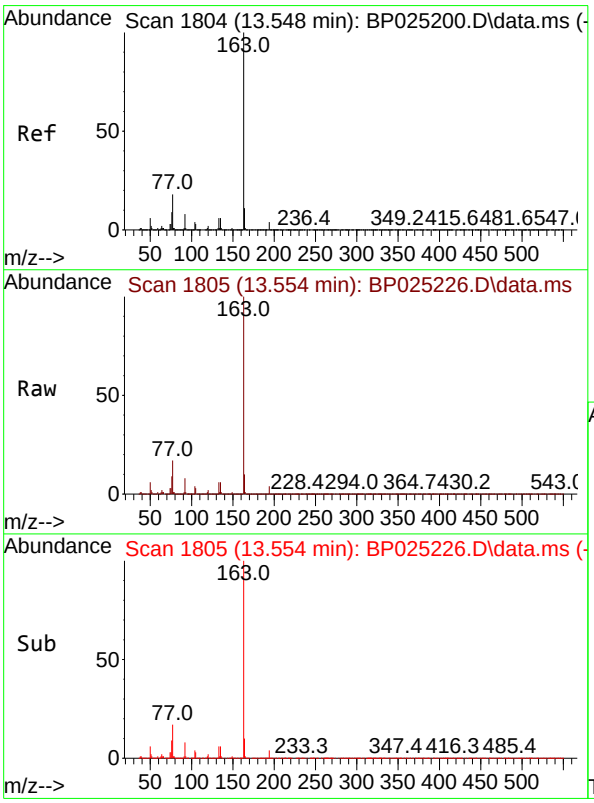
#49
Acenaphthylene
Concen: 40.927 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 4399537

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.3	10.6	15.8

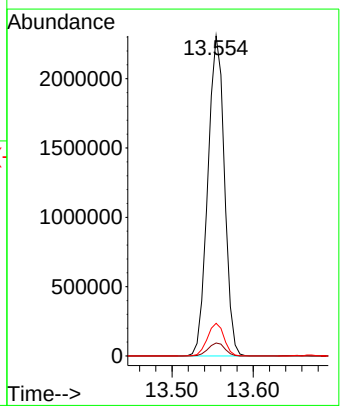


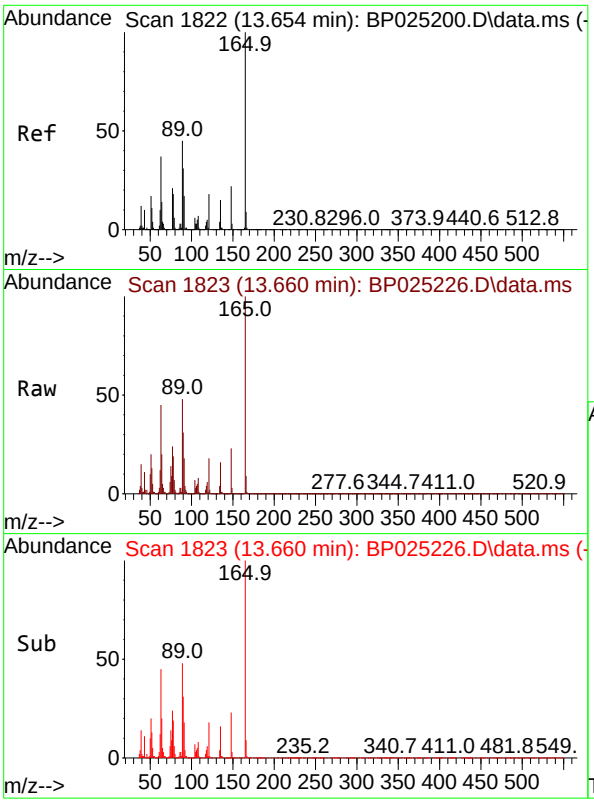


#50
Dimethylphthalate
Concen: 39.003 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:163 Resp: 3275604

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7



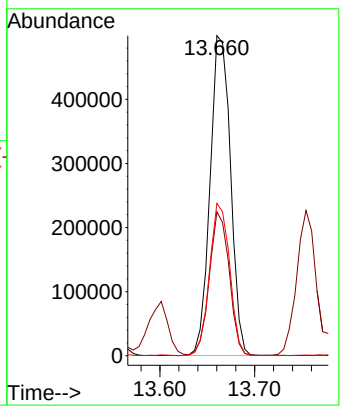


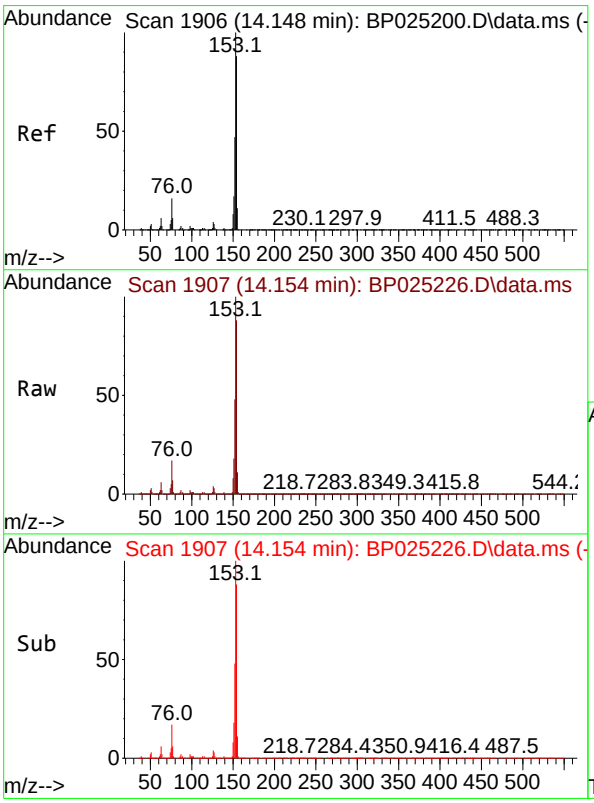
#51
2,6-Dinitrotoluene
Concen: 41.002 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 748217

Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.4	50.2
89	47.6	36.3	54.5

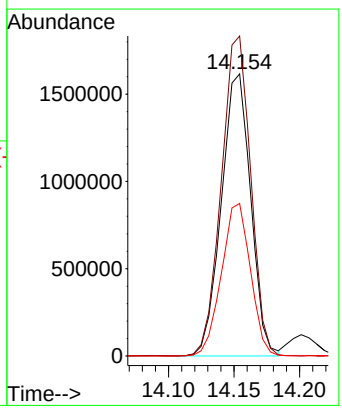


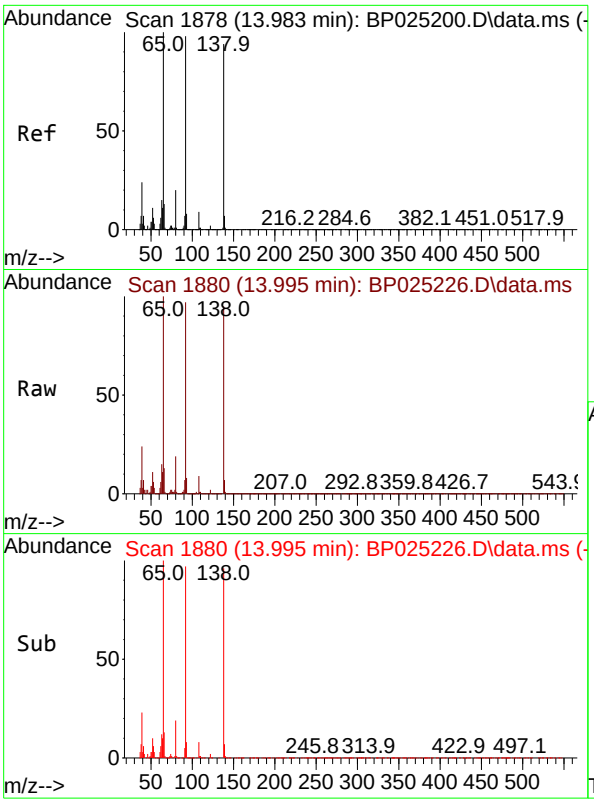


#52
Acenaphthene
Concen: 40.497 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:154 Resp: 2517373

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.7	136.1
152	54.0	42.9	64.3



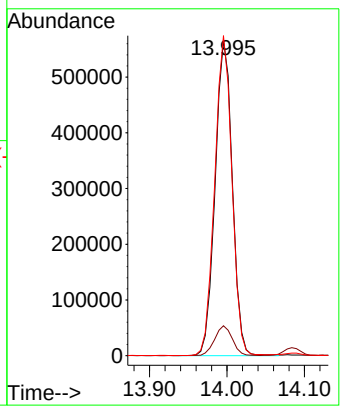


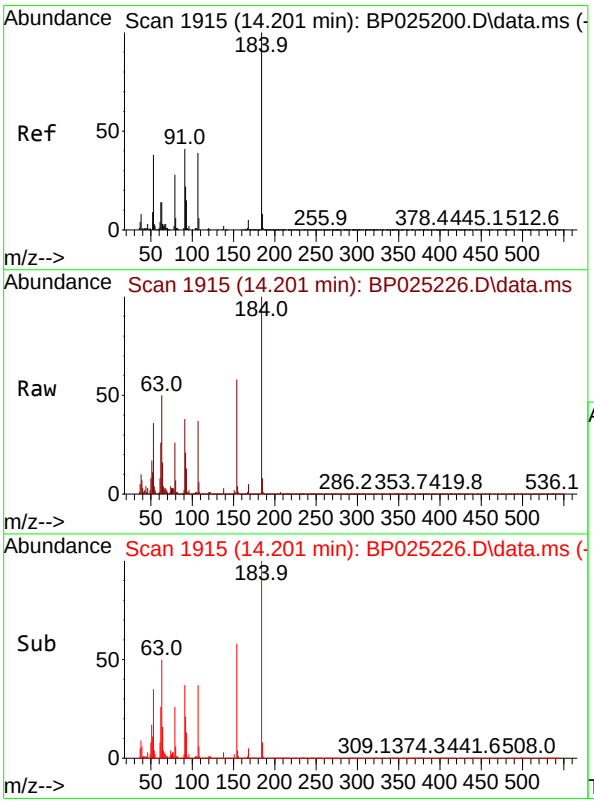
#53
3-Nitroaniline
Concen: 42.494 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 874454

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.5	11.3
92	101.4	83.2	124.8

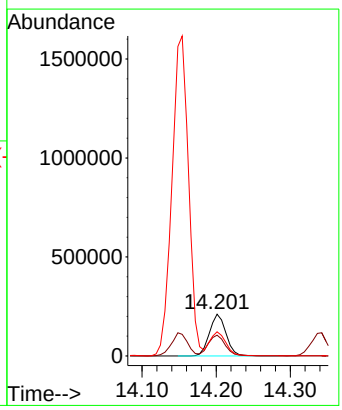


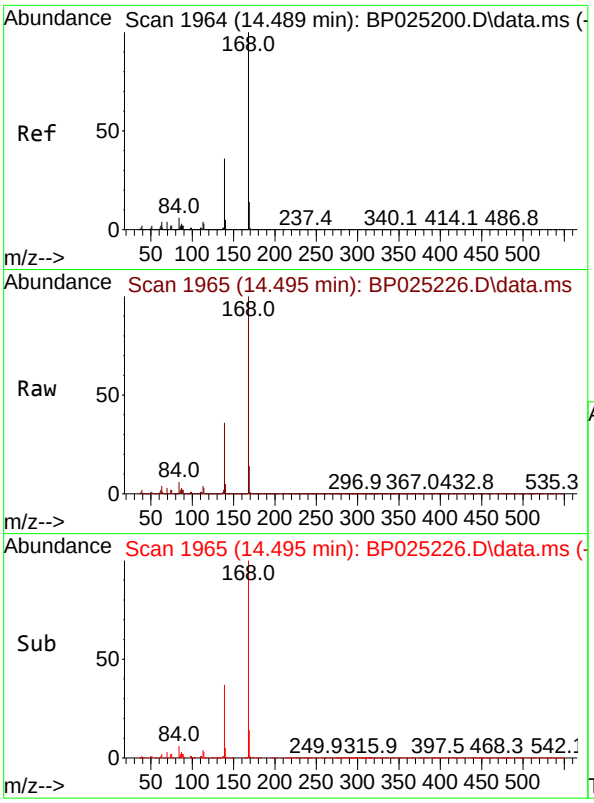


#54
2,4-Dinitrophenol
Concen: 30.316 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:184 Resp: 327781

Ion	Ratio	Lower	Upper
184	100		
63	49.9	41.8	62.8
154	57.9	45.7	68.5



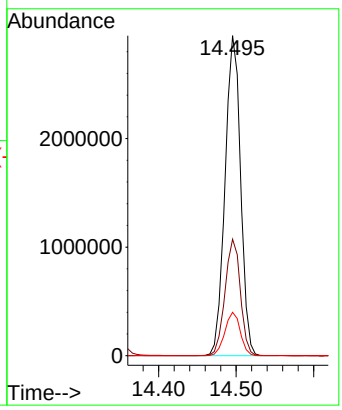


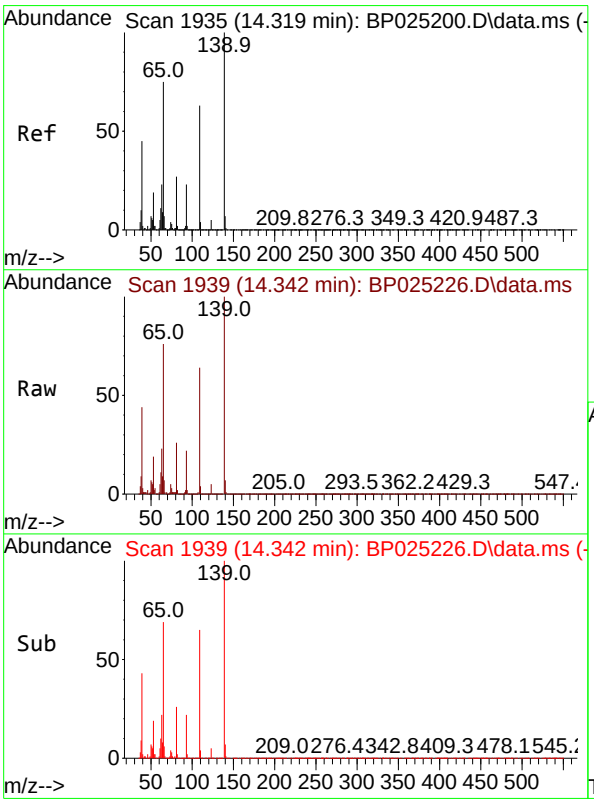
#55
Dibenzofuran
Concen: 40.883 ng
RT: 14.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 4104990

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.7	43.1
169	13.6	10.9	16.3

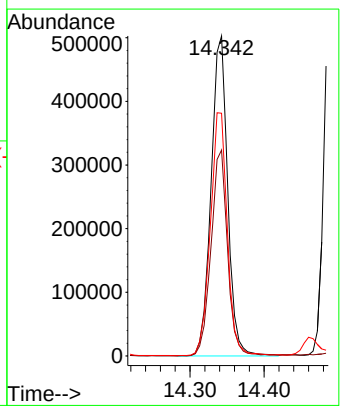


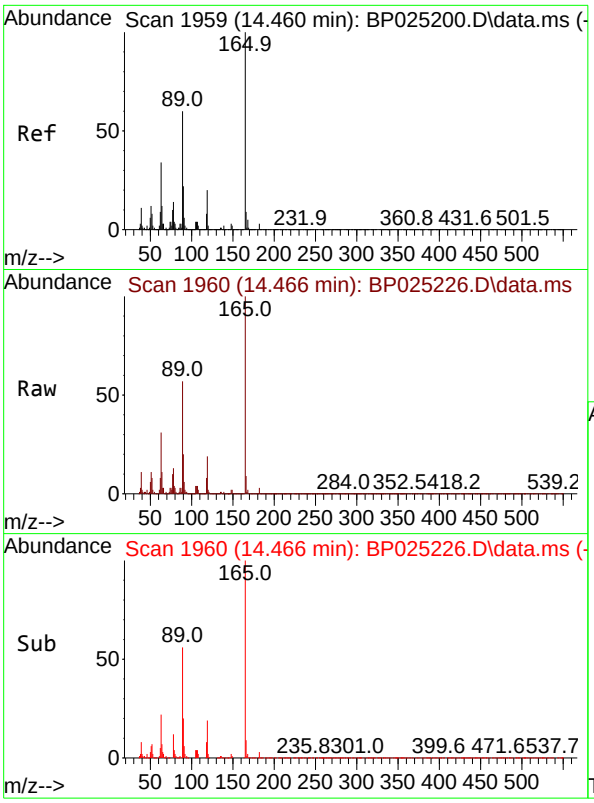


#56
4-Nitrophenol
Concen: 44.292 ng
RT: 14.342 min Scan# 1939
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:139 Resp: 779949

Ion	Ratio	Lower	Upper
139	100		
109	64.4	42.6	82.6
65	75.8	55.4	95.4



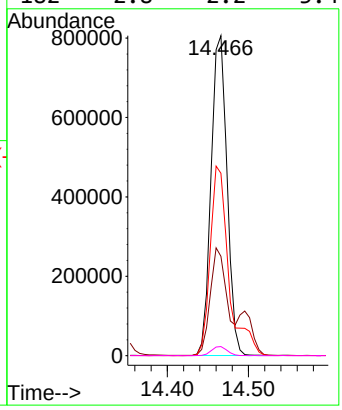


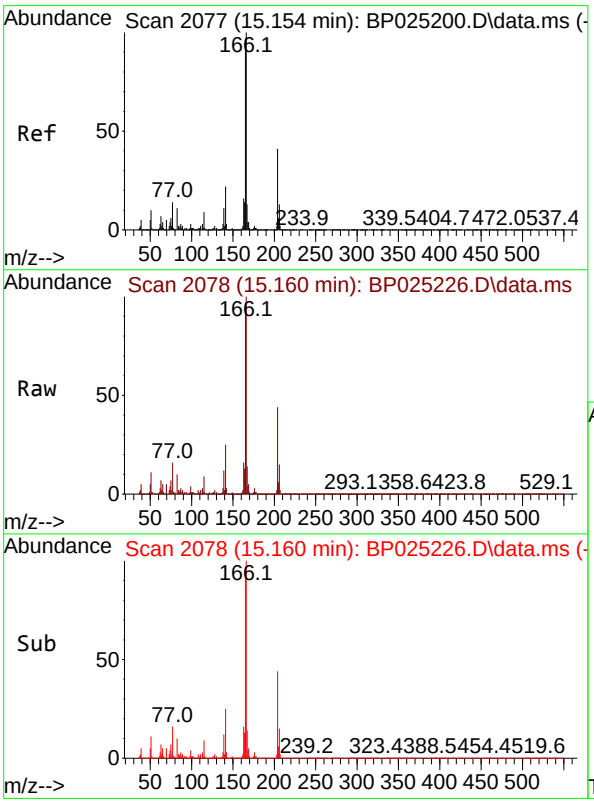
#57
2,4-Dinitrotoluene
Concen: 43.057 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 1099838

Ion	Ratio	Lower	Upper
165	100		
63	31.0	27.0	40.4
89	57.0	47.8	71.6
182	2.8	2.2	3.4

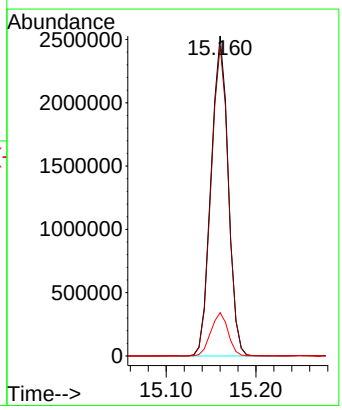


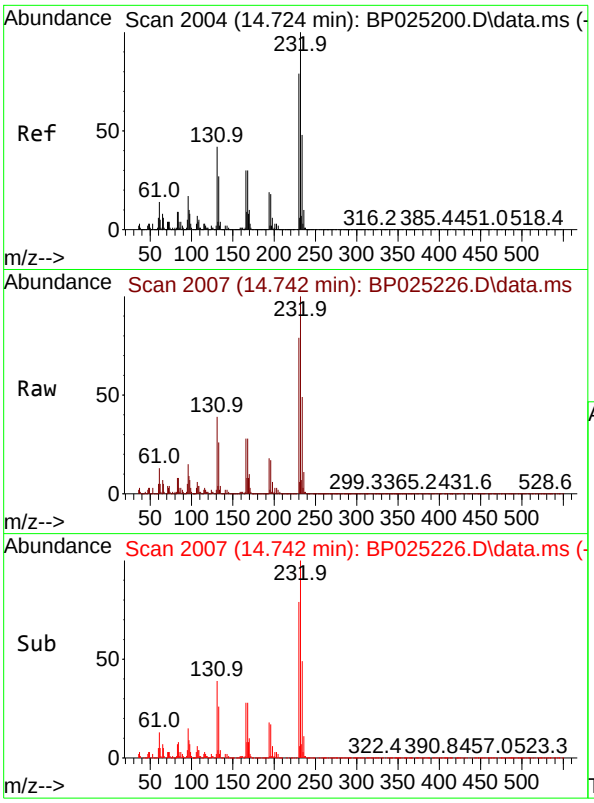


#58
Fluorene
Concen: 42.056 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:166 Resp: 3352512

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.0	117.0
167	13.6	10.7	16.1



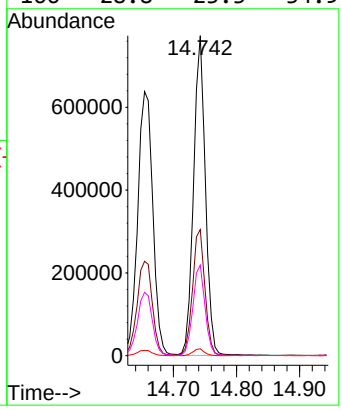


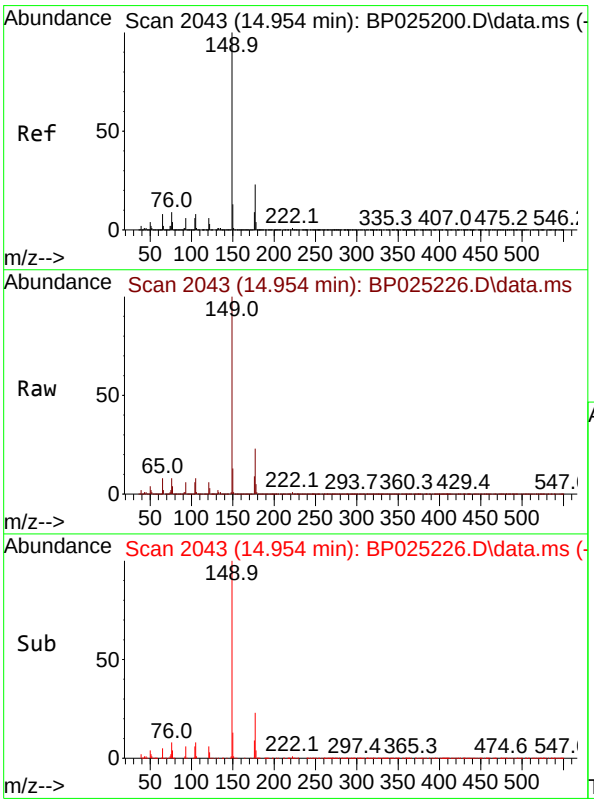
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 1007332

Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.6	48.8
130	2.1	1.6	2.4
166	28.8	23.3	34.9

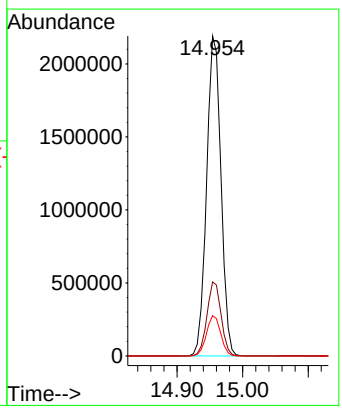


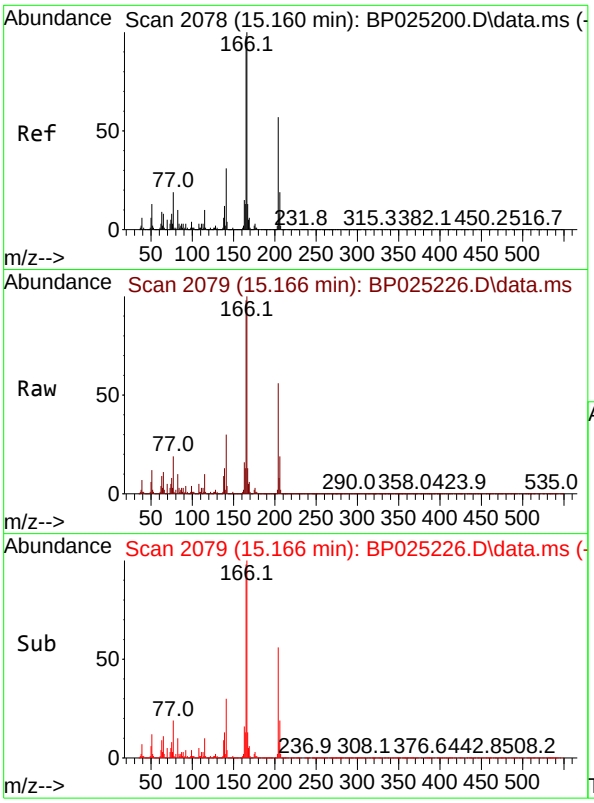


#60
Diethylphthalate
Concen: 40.235 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 3330481

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.6	10.0	15.0



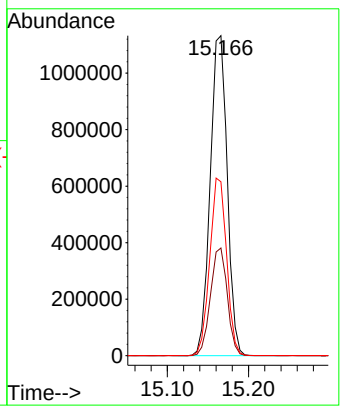


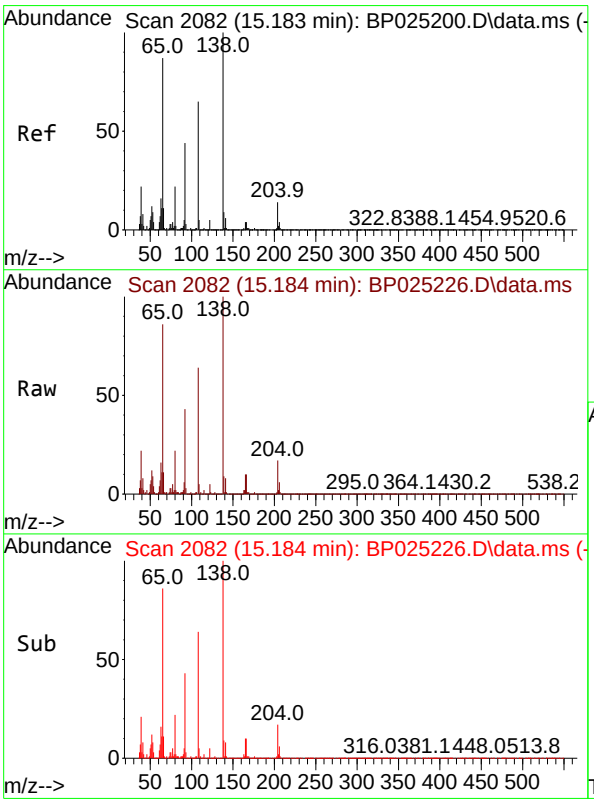
#61
4-Chlorophenyl-phenylether
Concen: 40.846 ng
RT: 15.166 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 1645291

Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.3	39.5
141	54.4	43.0	64.6

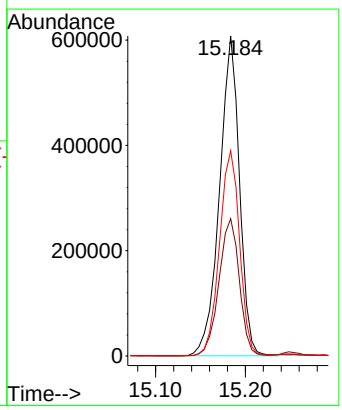


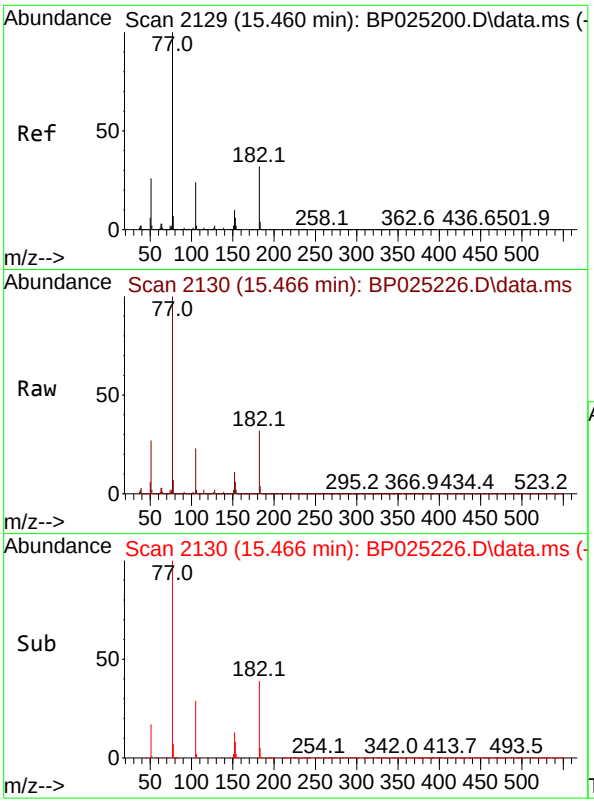


#62
4-Nitroaniline
Concen: 44.837 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:138 Resp: 938362

Ion	Ratio	Lower	Upper
138	100		
92	42.9	24.0	64.0
108	64.2	44.9	84.9



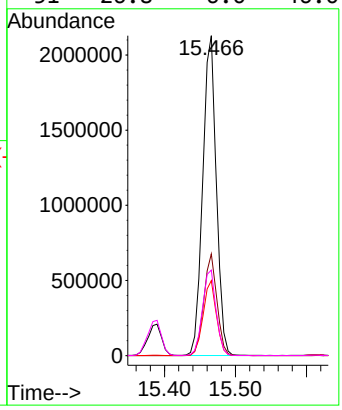


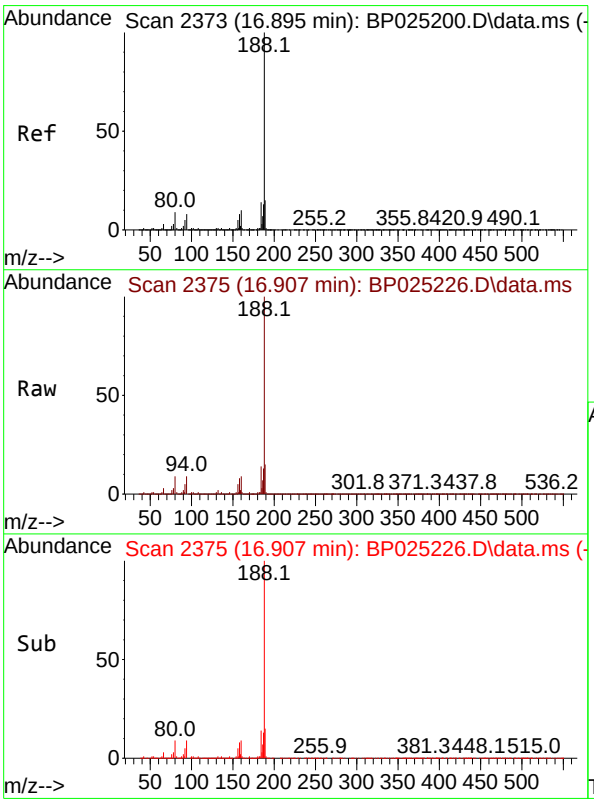
#63
Azobenzene
Concen: 41.997 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 2832864

Ion	Ratio	Lower	Upper
77	100		
182	31.8	12.0	52.0
105	23.5	3.6	43.6
51	26.8	6.0	46.0

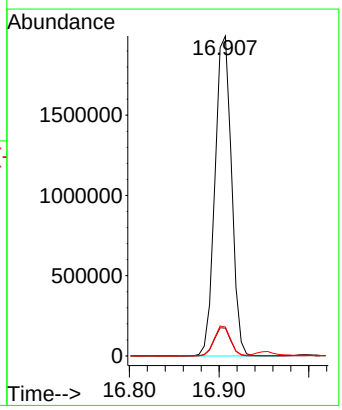


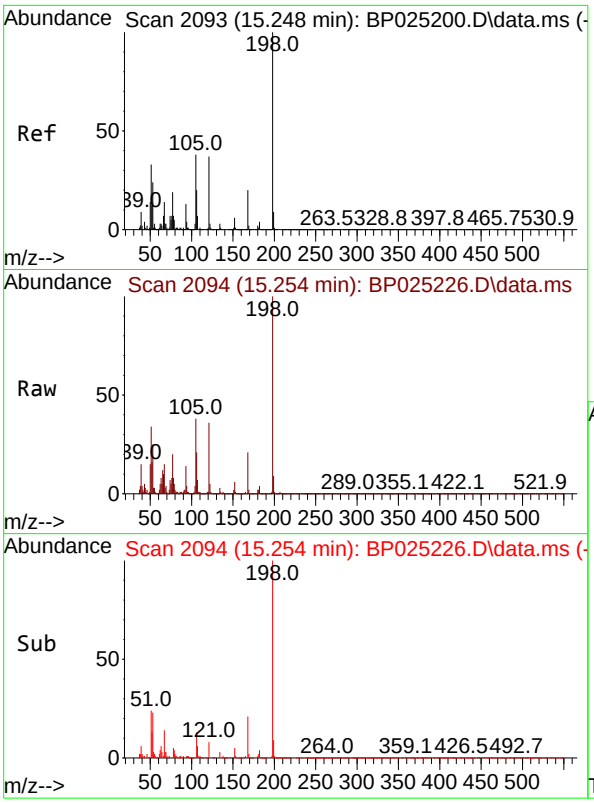


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:188 Resp: 2549406

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.0	7.3	10.9



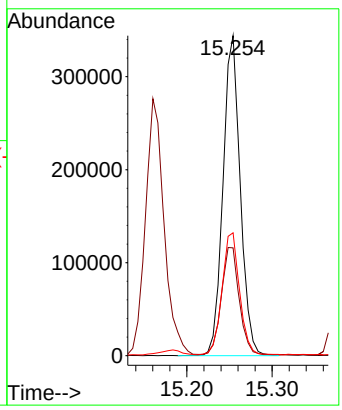


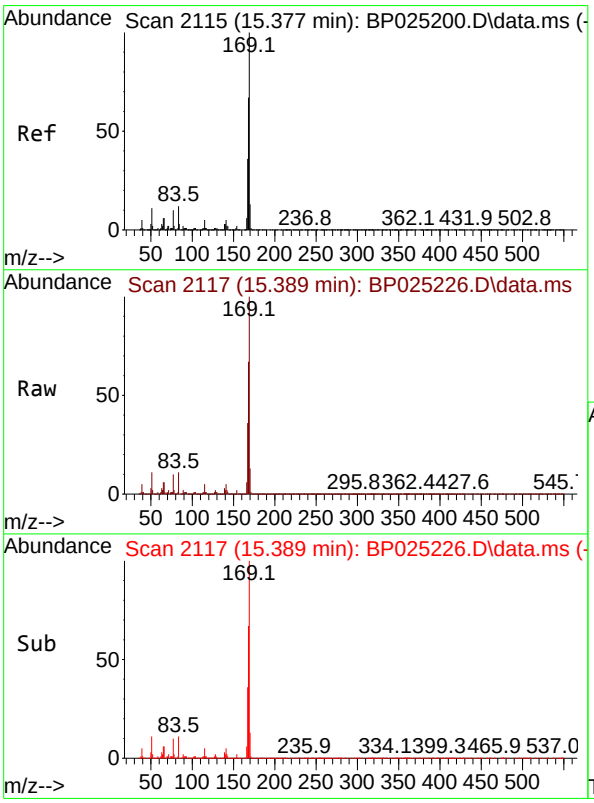
#65
4,6-Dinitro-2-methylphenol
Concen: 29.390 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 483541

Ion	Ratio	Lower	Upper
198	100		
51	33.7	14.6	54.6
105	38.4	18.3	58.3

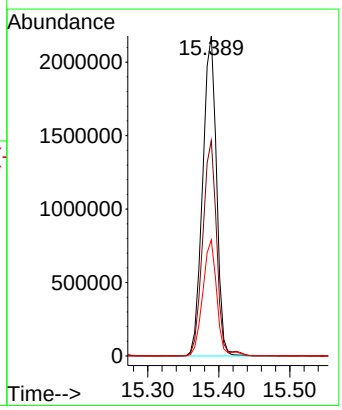


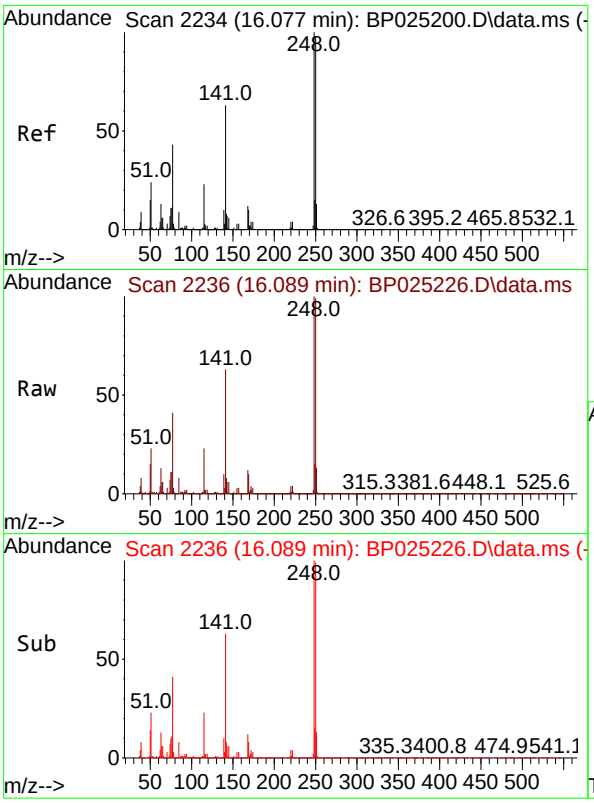


#66
n-Nitrosodiphenylamine
Concen: 38.155 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:169 Resp: 2952463

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.7	80.5
167	36.3	29.0	43.6



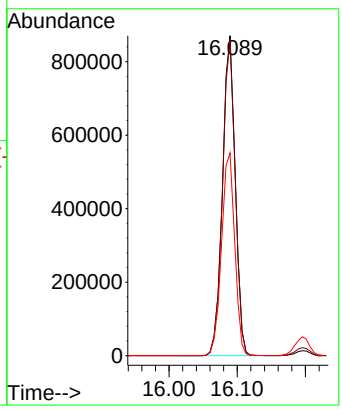


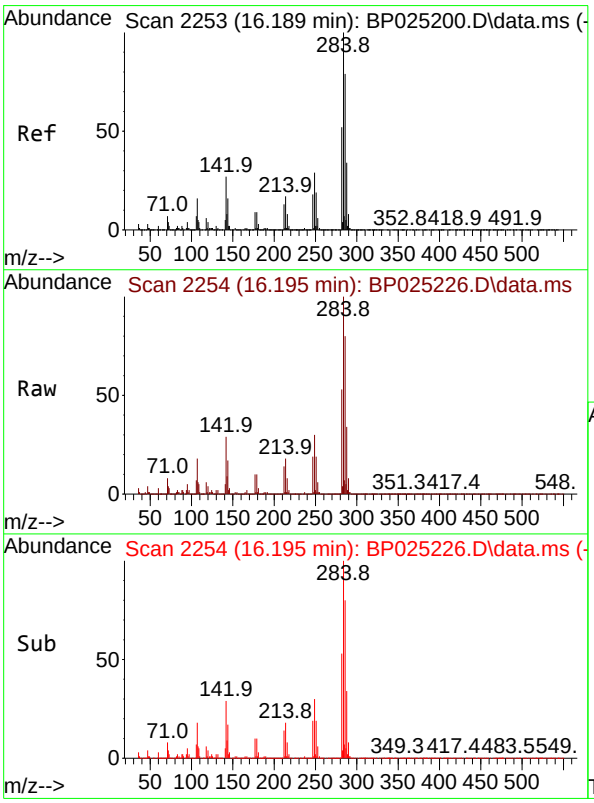
#67
4-Bromophenyl-phenylether
Concen: 38.140 ng
RT: 16.089 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 1134789

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.5	117.7
141	63.3	50.5	75.7

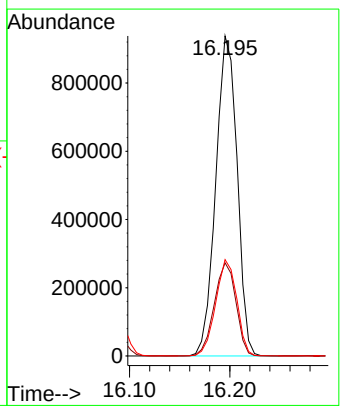


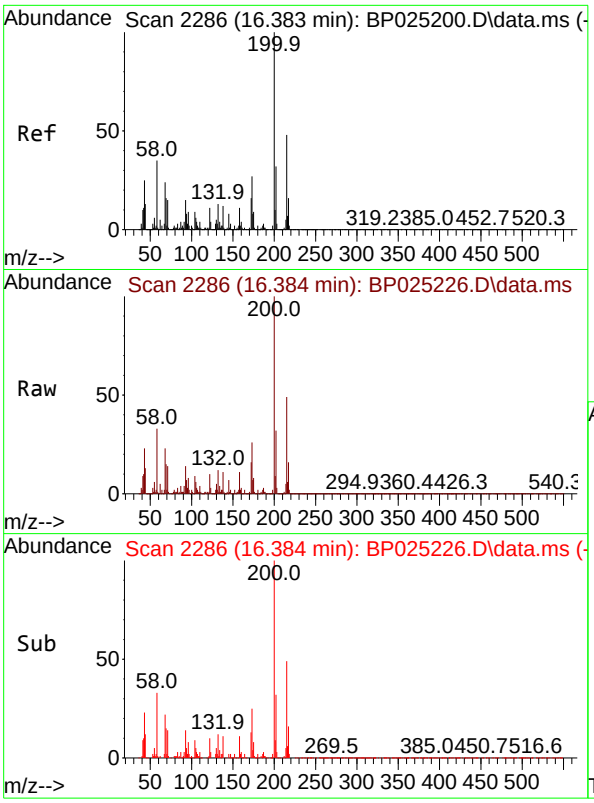


#68
Hexachlorobenzene
Concen: 39.236 ng
RT: 16.195 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:284 Resp: 1386355

Ion	Ratio	Lower	Upper
284	100		
142	29.1	21.5	32.3
249	30.1	23.4	35.0



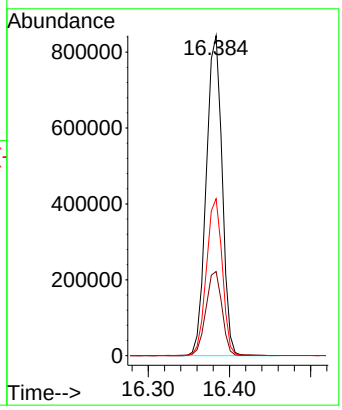


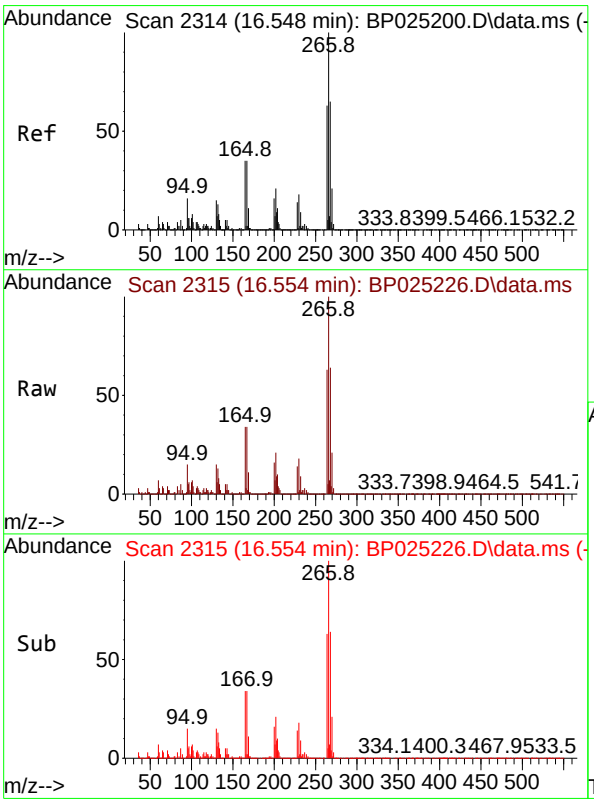
#69
Atrazine
Concen: 39.913 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 1142872

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.4	47.4
215	49.1	28.5	68.5

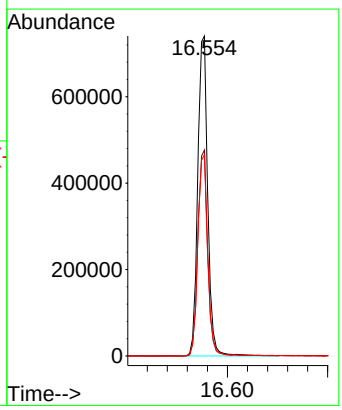


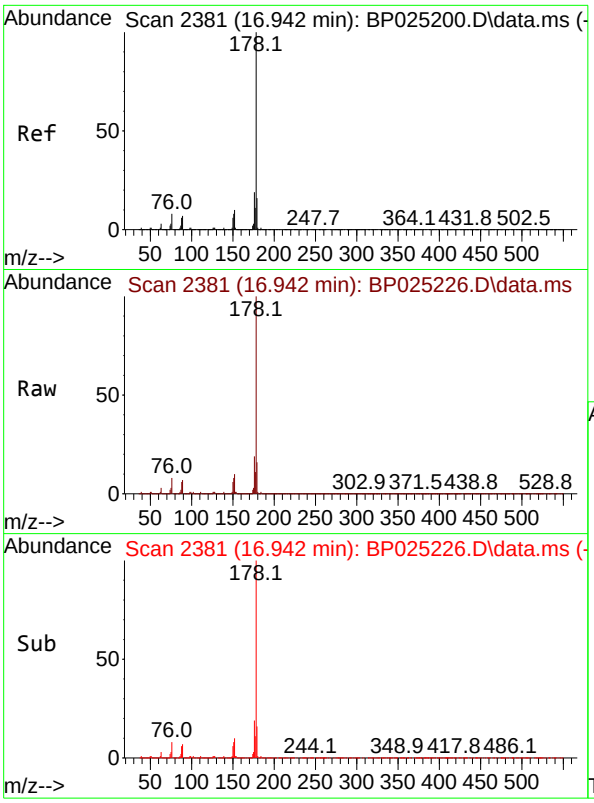


#70
Pentachlorophenol
Concen: 42.346 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:266 Resp: 1017463

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.8	77.6
264	62.9	50.3	75.5



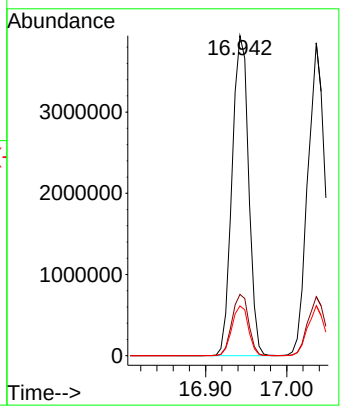


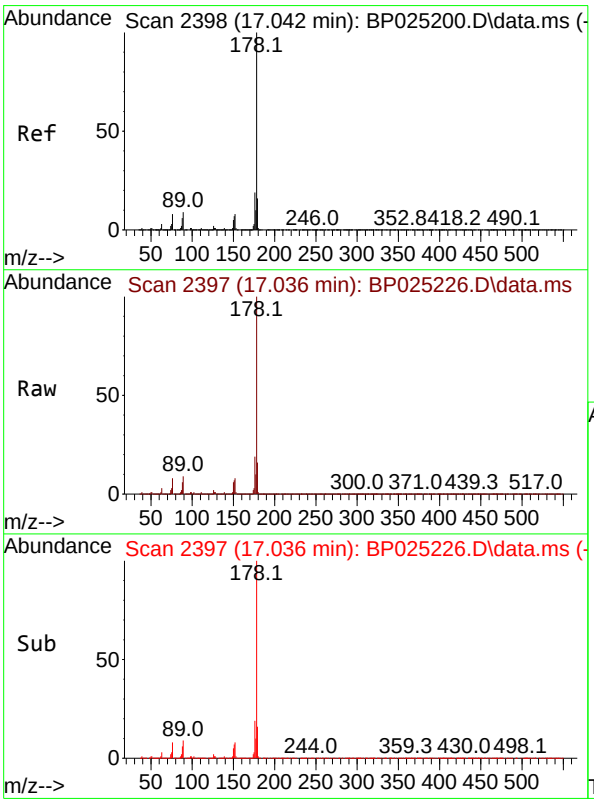
#71
Phenanthrene
Concen: 40.543 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 5574744

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.5	12.5	18.7

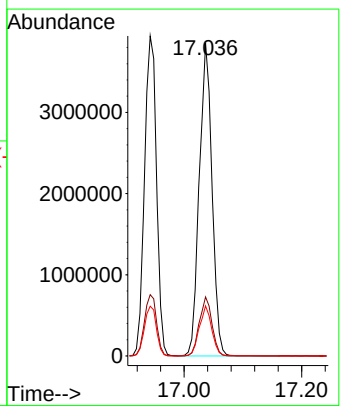


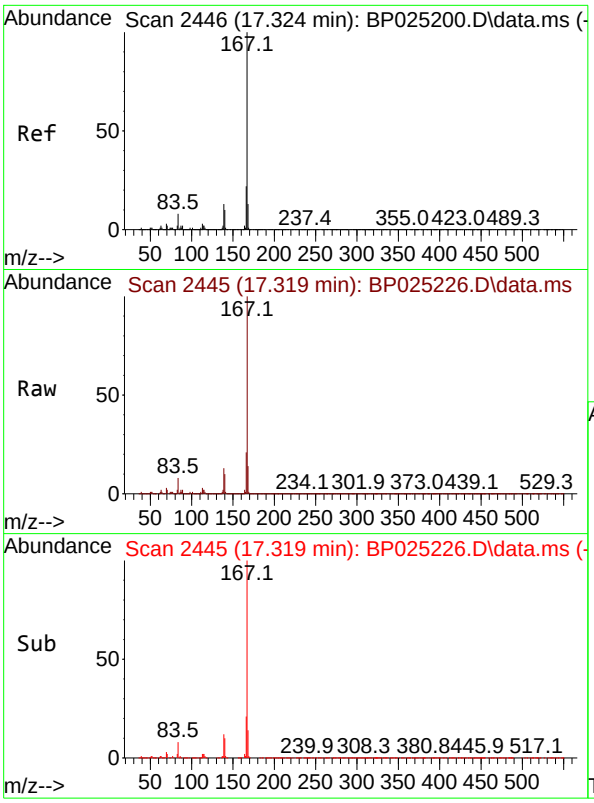


#72
Anthracene
Concen: 41.892 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:178 Resp: 5802800

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	16.0	12.5	18.7



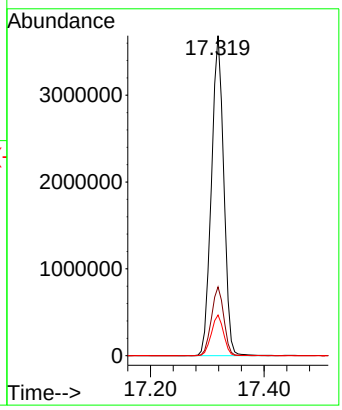


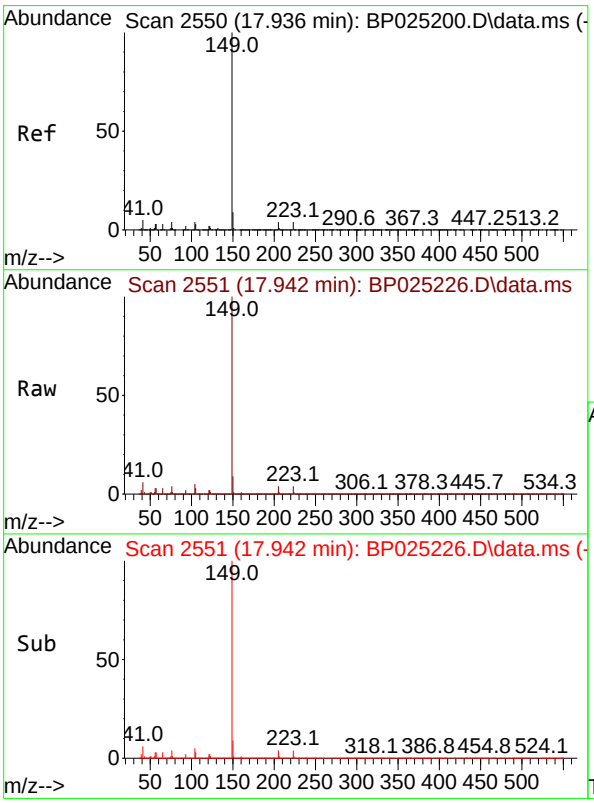
#73
Carbazole
Concen: 41.734 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 5518563

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	12.7	10.1	15.1

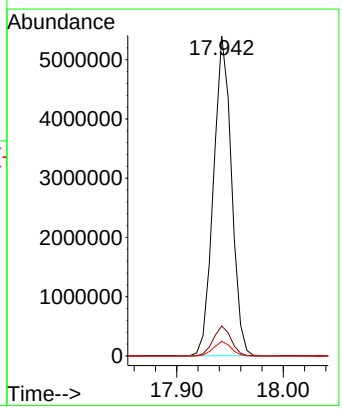


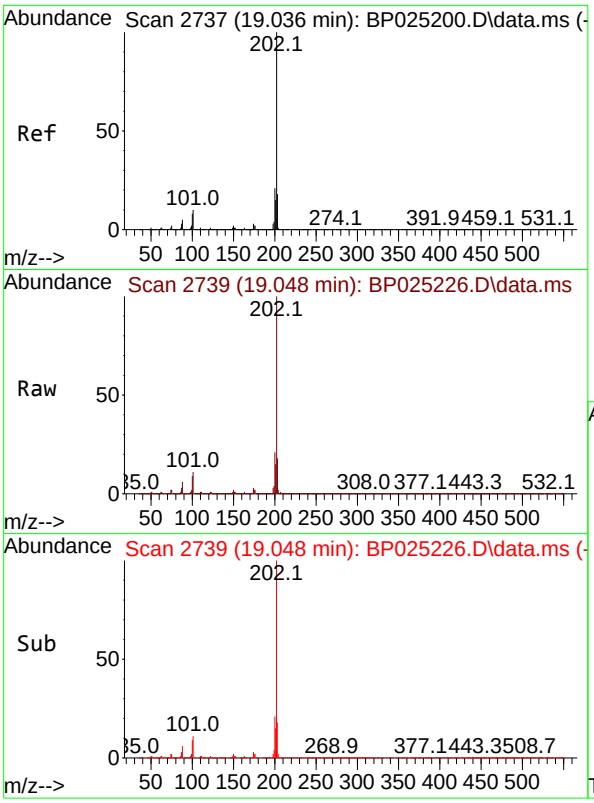


#74
Di-n-butylphthalate
Concen: 41.506 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 6332663

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.6	3.5	5.3



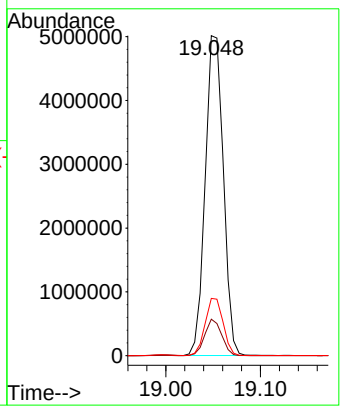


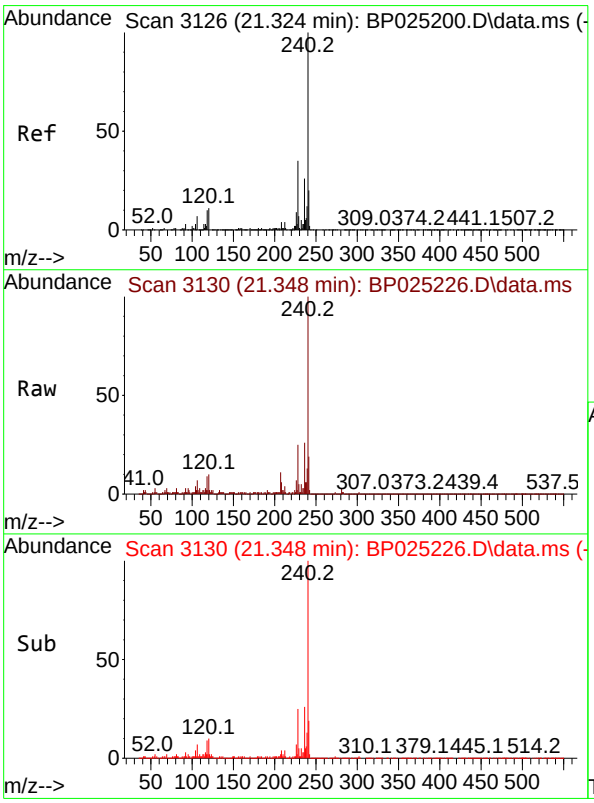
#75
Fluoranthene
Concen: 41.156 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 6660238

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
203	17.9	0.0	38.0

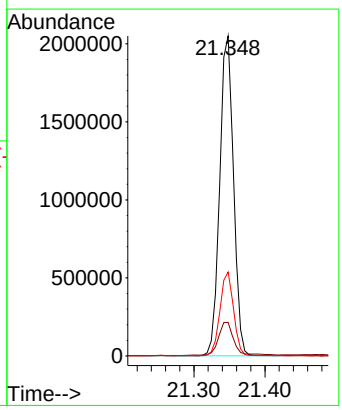


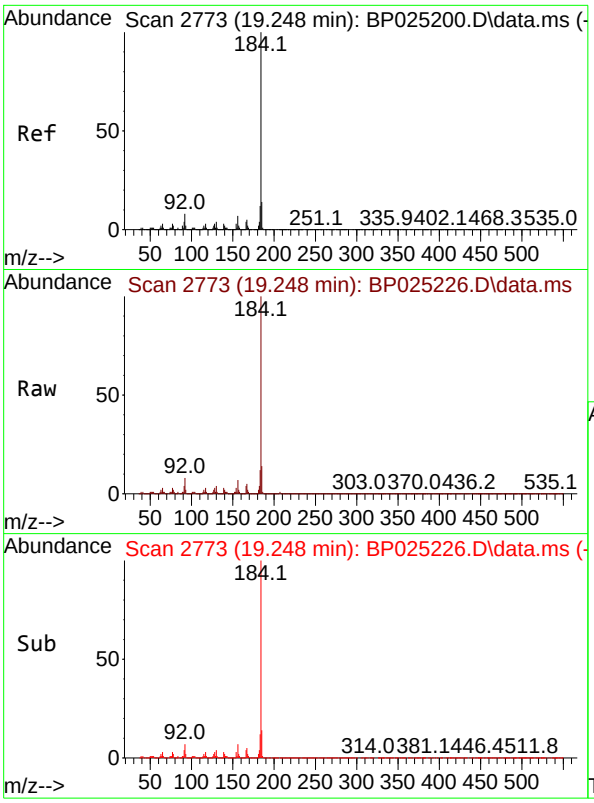


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:240 Resp: 2750456

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	26.3	20.9	31.3



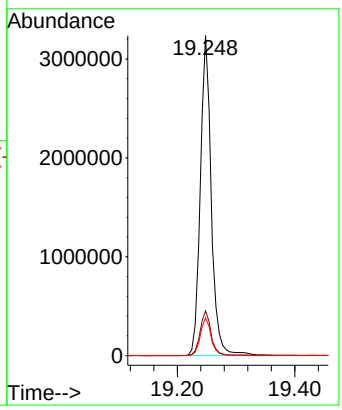


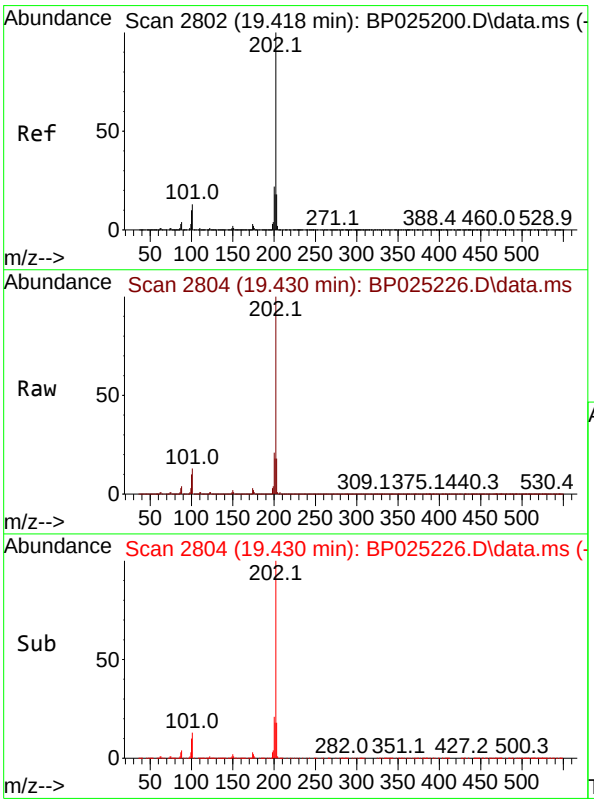
#77
Benzidine
Concen: 43.479 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 4198464

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	11.9	9.6	14.4

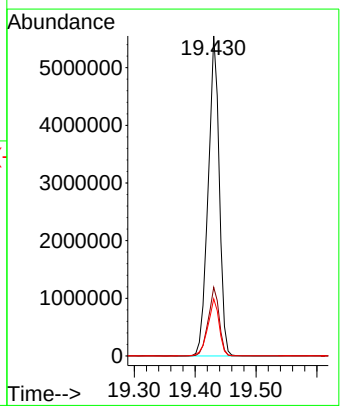


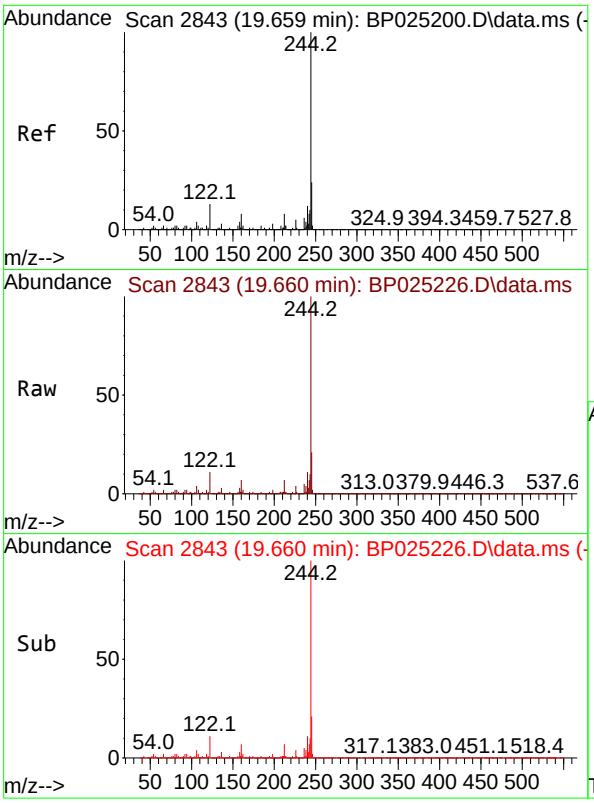


#78
Pyrene
Concen: 41.430 ng
RT: 19.430 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:202 Resp: 7026109

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.9	14.3	21.5



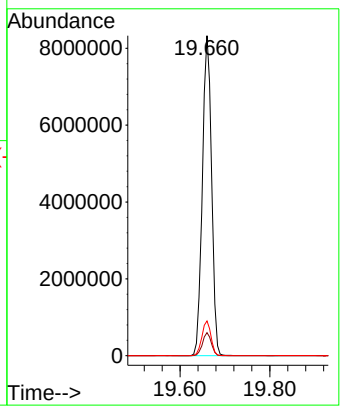


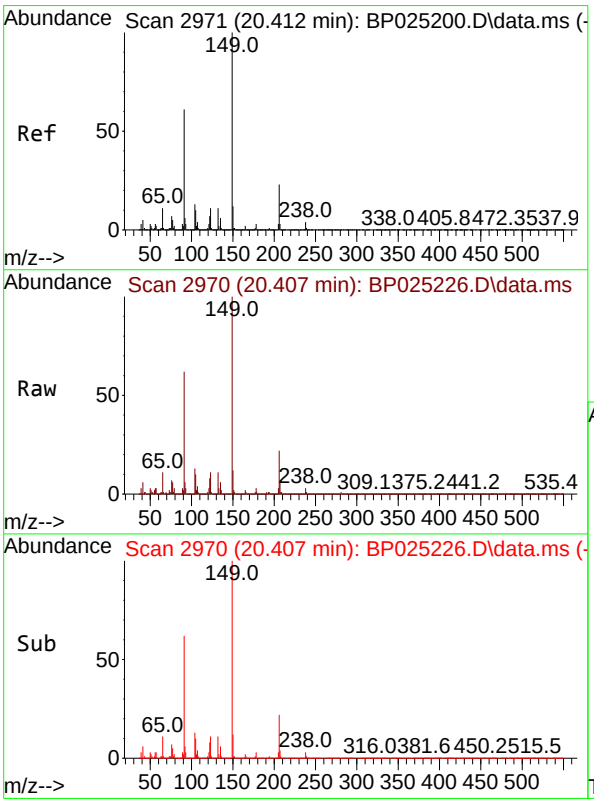
#79
Terphenyl-d14
Concen: 85.004 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp:11843736

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	9.8
122	10.8	10.3	15.5

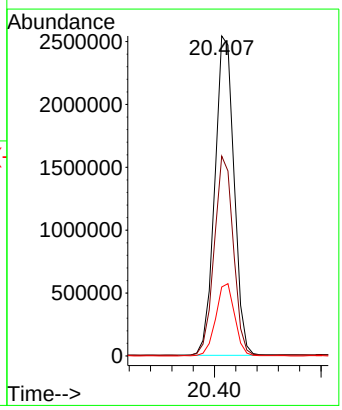


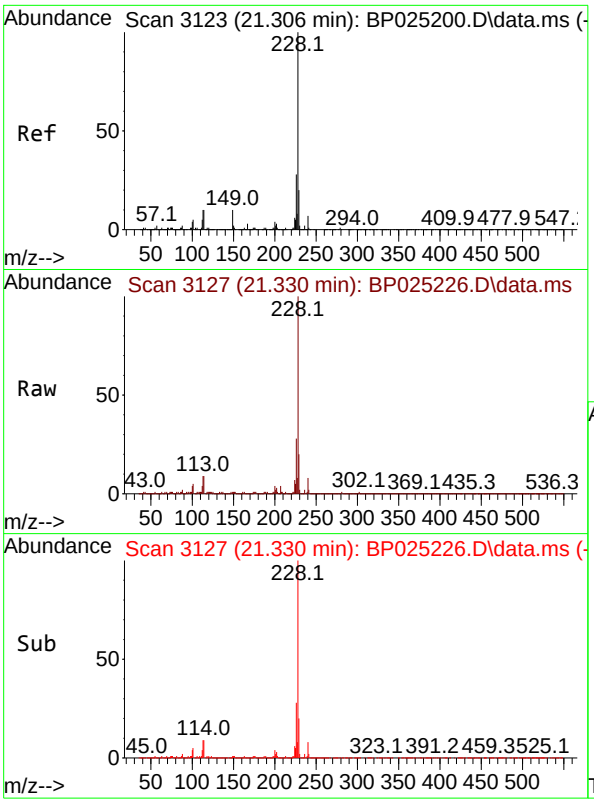


#80
Butylbenzylphthalate
Concen: 41.362 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 3175224

Ion	Ratio	Lower	Upper
149	100		
91	62.4	48.8	73.2
206	21.6	18.4	27.6



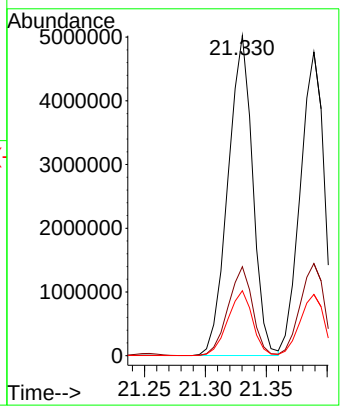


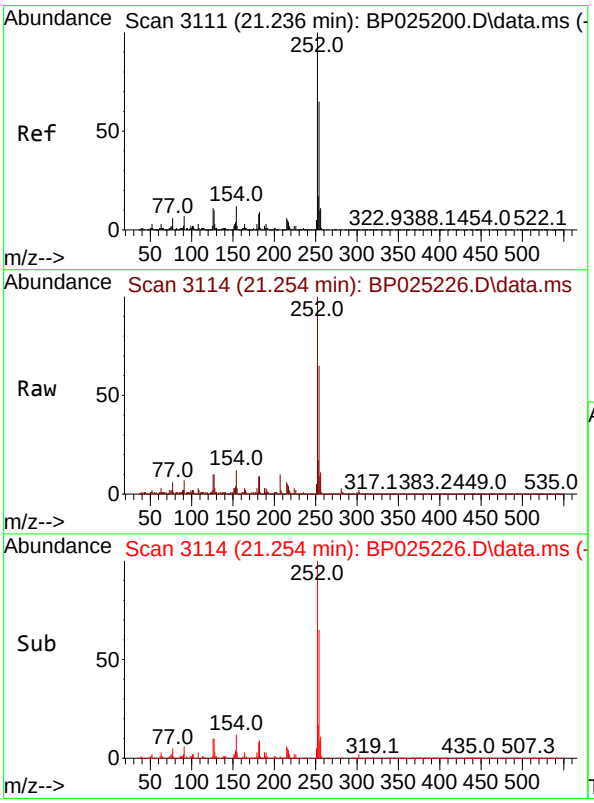
#81
Benzo(a)anthracene
Concen: 40.758 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 7079313

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.3	16.2	24.2

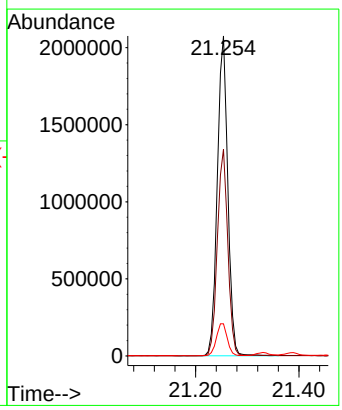


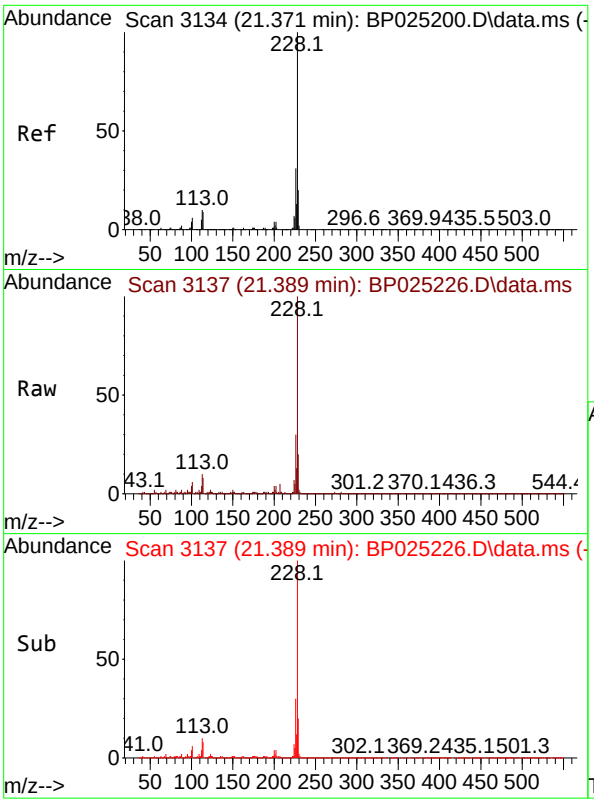


#82
3,3'-Dichlorobenzidine
Concen: 40.448 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 2912207

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	10.1	8.6	12.8



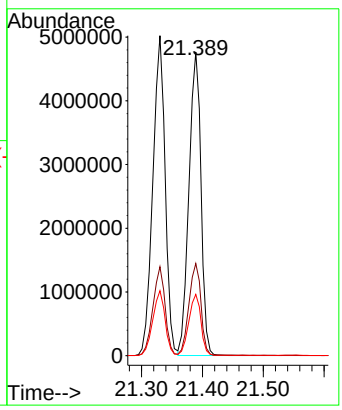


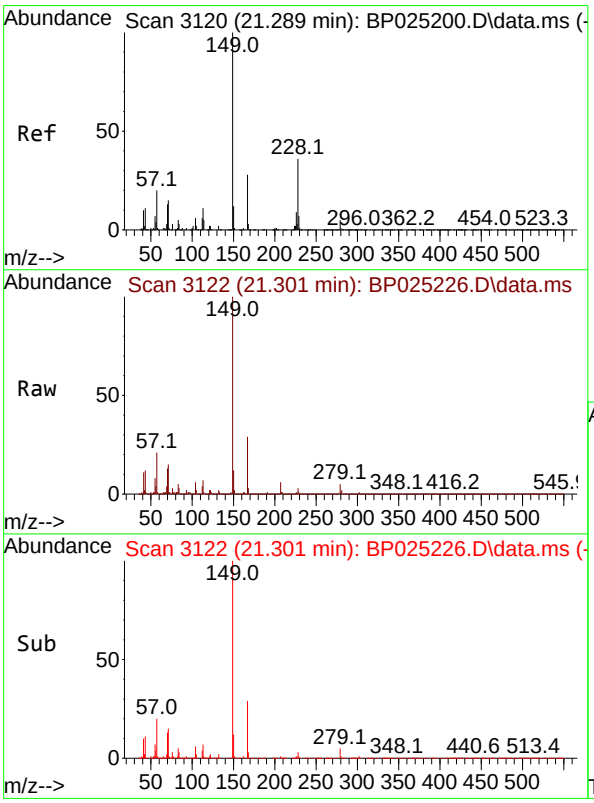
#83
Chrysene
Concen: 40.349 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 6542329

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	20.2	16.0	24.0

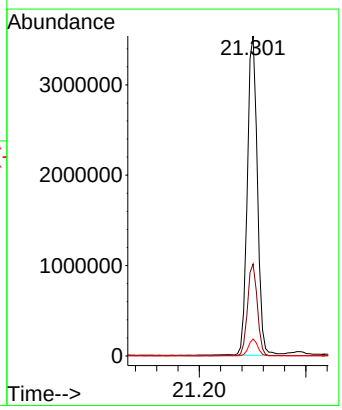


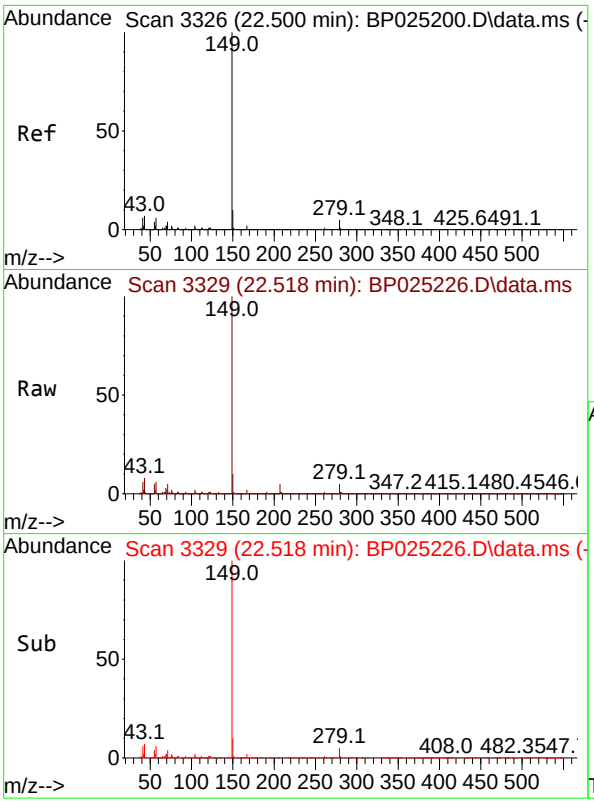


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.232 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 4635740

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	5.3	4.0	6.0



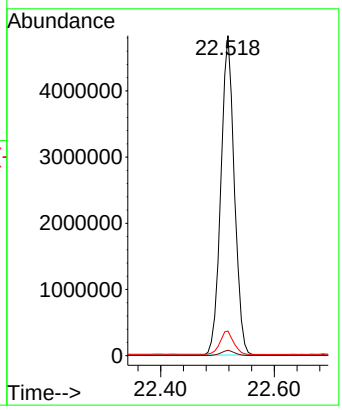


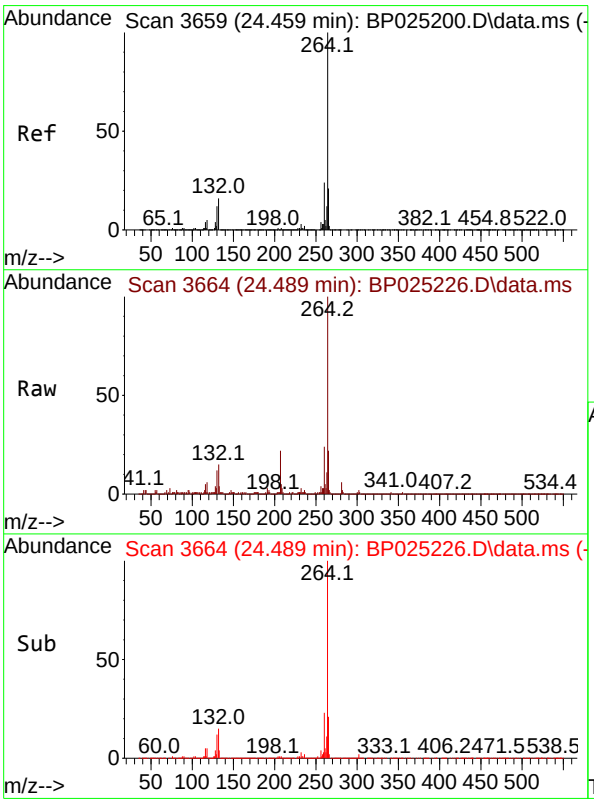
#85
Di-n-octyl phthalate
Concen: 42.046 ng
RT: 22.518 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 7969743

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

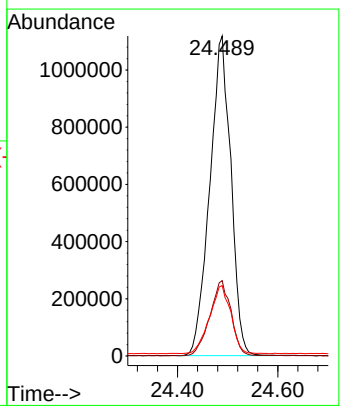


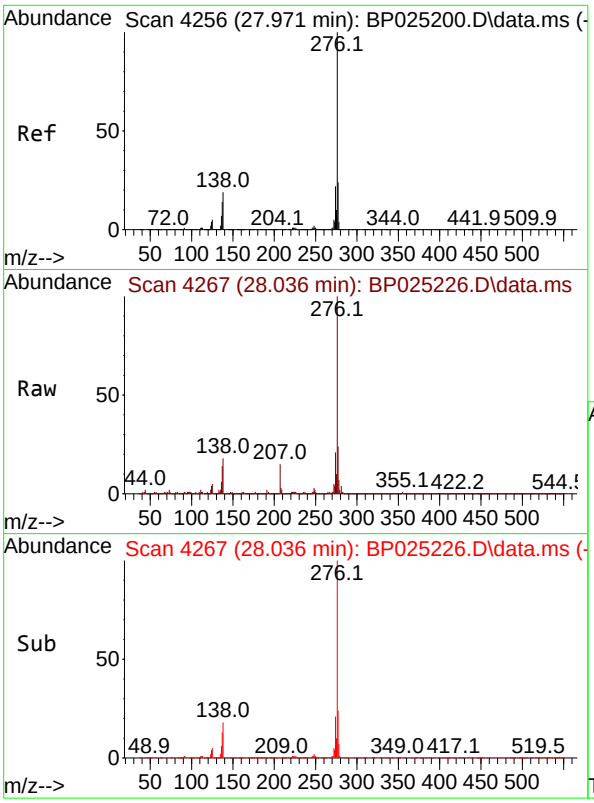


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. 0.030 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:264 Resp: 3266187

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.0	17.5	26.3



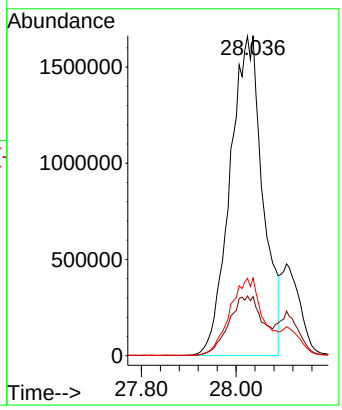


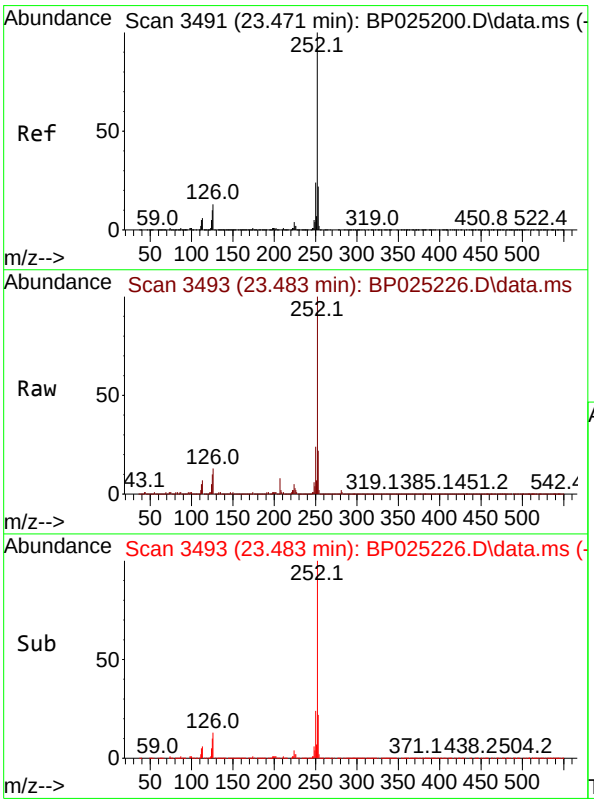
#87
Indeno(1,2,3-cd)pyrene
Concen: 33.480 ng
RT: 28.036 min Scan# 4
Delta R.T. 0.065 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 7991209

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.8	19.2#
277	24.5	20.3	30.5

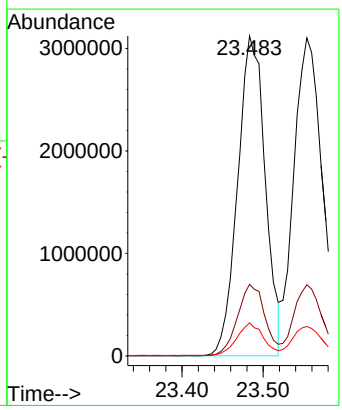


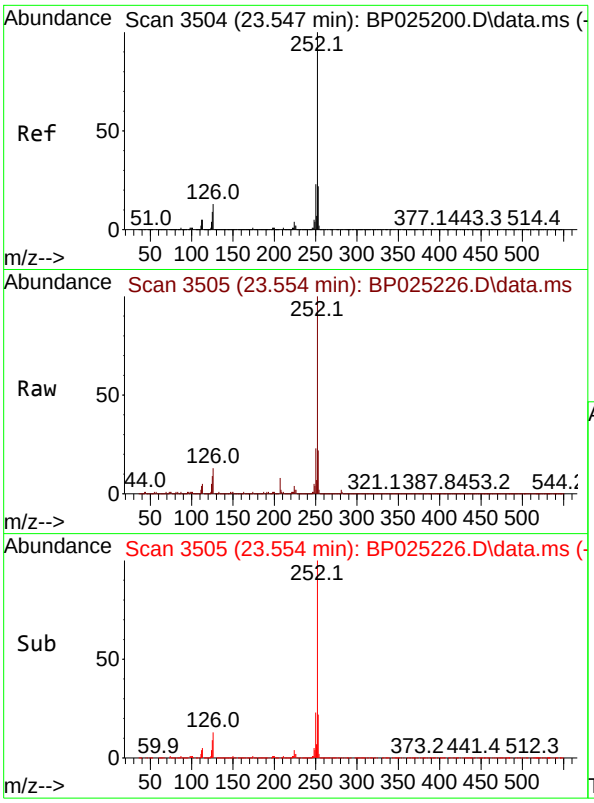


#88
Benzo(b)fluoranthene
Concen: 39.332 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 7353598

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.3	7.8	11.8



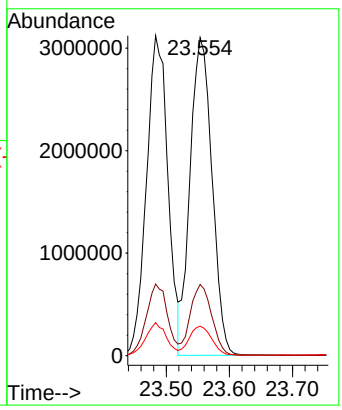


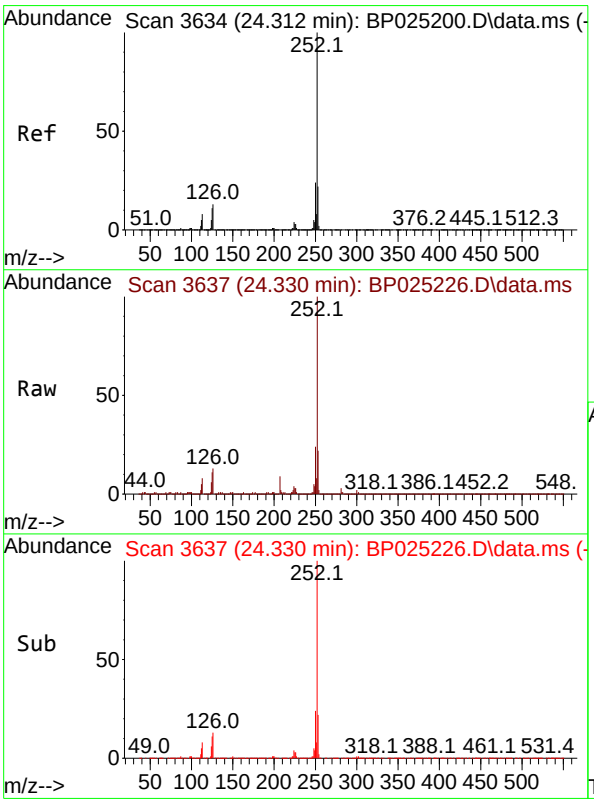
#89
Benzo(k)fluoranthene
Concen: 40.521 ng
RT: 23.554 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 7478960

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.3	7.5	11.3

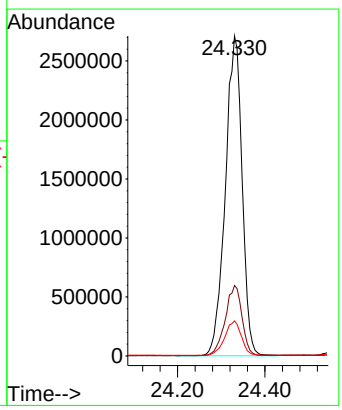


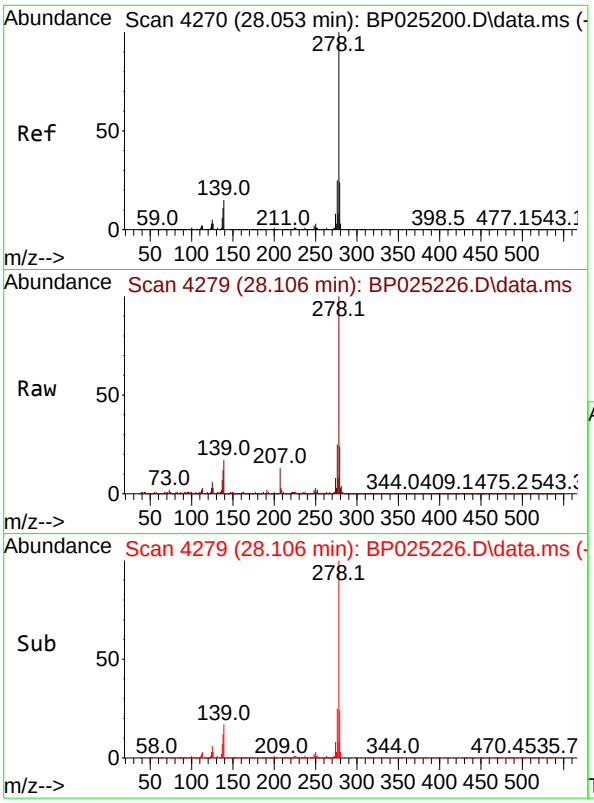


#90
Benzo(a)pyrene
Concen: 39.502 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 7205655

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.9	8.6	12.8



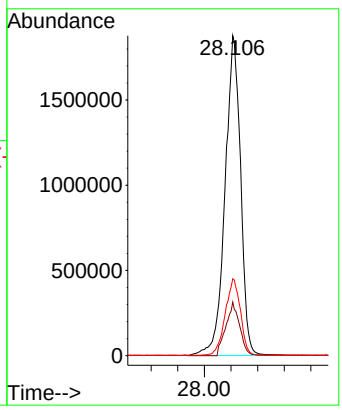


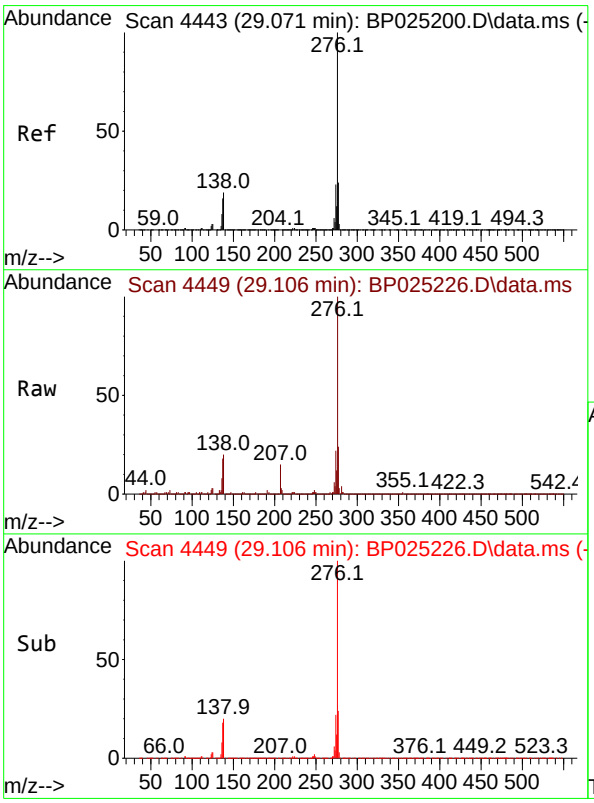
#91
Dibenzo(a,h)anthracene
Concen: 39.046 ng
RT: 28.106 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 7603495

Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.0	18.0
279	24.0	19.5	29.3

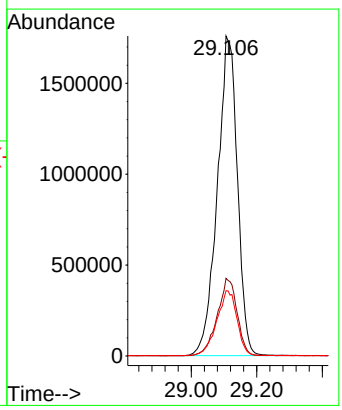




#92
Benzo(g,h,i)perylene
Concen: 38.916 ng
RT: 29.106 min Scan# 4449
Delta R.T. 0.036 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:276 Resp: 7447383

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	20.4	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	475755	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2010398	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1363058	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2867783	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2918399	20.000	ng	0.01
86) Perylene-d12	24.483	264	3385440	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2196567	78.011	ng	0.00
7) Phenol-d6	6.643	99	2861029	82.039	ng	0.00
23) Nitrobenzene-d5	8.566	82	2873708	79.438	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1690516	84.128	ng	-0.01
45) 2-Fluorobiphenyl	12.683	172	7739219	80.047	ng	0.00
79) Terphenyl-d14	19.660	244	12492781	84.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	393587	37.296	ng	100
3) Pyridine	3.490	79	1090608	38.607	ng	99
4) n-Nitrosodimethylamine	3.402	42	435495	38.874	ng	95
6) Aniline	6.784	93	1852487	40.638	ng	100
8) 2-Chlorophenol	7.013	128	1296331	40.576	ng	99
9) Benzaldehyde	6.596	77	930250	39.343	ng	99
10) Phenol	6.666	94	1467116	40.566	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	1103356	39.793	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1409952	39.245	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1433228	39.521	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1397689	40.064	ng	100
15) Benzyl Alcohol	7.678	79	1042913	41.459	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.954	45	1399883	39.458	ng	99
17) 2-Methylphenol	7.878	107	1036790	41.350	ng	99
18) Hexachloroethane	8.484	117	493527	39.573	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	861892	41.082	ng	99
20) 3+4-Methylphenols	8.201	107	1427970	41.751	ng	99
22) Acetophenone	8.243	105	1831992	39.161	ng	99
24) Nitrobenzene	8.607	77	1277454	39.614	ng	97
25) Isophorone	9.131	82	2499307	39.287	ng	99
26) 2-Nitrophenol	9.301	139	754572	40.747	ng	99
27) 2,4-Dimethylphenol	9.384	122	1242956	40.112	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	1537420	38.637	ng	100
29) 2,4-Dichlorophenol	9.837	162	1301415	40.880	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	1377874	39.627	ng	100
31) Naphthalene	10.231	128	4078359	39.644	ng	100
32) Benzoic acid	9.542	122	1130735	47.799	ng	98
33) 4-Chloroaniline	10.337	127	1843296	40.762	ng	99
34) Hexachlorobutadiene	10.519	225	820021	39.183	ng	100
35) Caprolactam	11.131	113	442265	41.859	ng	97
36) 4-Chloro-3-methylphenol	11.484	107	1343300	42.212	ng	98
37) 2-Methylnaphthalene	11.854	142	2729444	40.859	ng	99
38) 1-Methylnaphthalene	12.072	142	2849738	40.612	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1603484	39.246	ng	99
41) Hexachlorocyclopentadiene	12.213	237	686433	28.144	ng	100
43) 2,4,6-Trichlorophenol	12.478	196	1125399	40.313	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1268169	41.280	ng	99
46) 1,1'-Biphenyl	12.883	154	3899850	39.468	ng	99
47) 2-Chloronaphthalene	12.925	162	3060262	39.669	ng	100
48) 2-Nitroaniline	13.136	65	801067	40.662	ng	98
49) Acenaphthylene	13.789	152	5069233	40.627	ng	100
50) Dimethylphthalate	13.542	163	3841185	39.404	ng	99
51) 2,6-Dinitrotoluene	13.654	165	869516	41.051	ng	99
52) Acenaphthene	14.142	154	2905616	40.271	ng	99
53) 3-Nitroaniline	13.983	138	989939	41.445	ng	98
54) 2,4-Dinitrophenol	14.201	184	388691	30.972	ng	99
55) Dibenzofuran	14.483	168	4751994	40.773	ng	99
56) 4-Nitrophenol	14.325	139	863006	42.223	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1246666	42.047	ng	97
58) Fluorene	15.154	166	3806233	41.137	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1149936	42.296	ng	99
60) Diethylphthalate	14.942	149	3976402	41.387	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1882300	40.260	ng	98
62) 4-Nitroaniline	15.172	138	1023508	42.134	ng	97
63) Azobenzene	15.460	77	3266015	41.714	ng	97
65) 4,6-Dinitro-2-methylph...	15.242	198	581859	31.439	ng	96
66) n-Nitrosodiphenylamine	15.377	169	3454679	39.689	ng	100
67) 4-Bromophenyl-phenylether	16.066	248	1298184	38.788	ng	99
68) Hexachlorobenzene	16.183	284	1585091	39.880	ng	98
69) Atrazine	16.377	200	1295226	40.212	ng	100
70) Pentachlorophenol	16.548	266	1118886	41.397	ng	100
71) Phenanthrene	16.942	178	6216763	40.193	ng	100
72) Anthracene	17.036	178	6397046	41.055	ng	100
73) Carbazole	17.319	167	5947679	39.986	ng	99
74) Di-n-butylphthalate	17.942	149	7287726	42.462	ng	100
75) Fluoranthene	19.048	202	7323528	40.231	ng	99
77) Benzidine	19.254	184	4620449	45.096	ng	99
78) Pyrene	19.424	202	7452139	41.413	ng	99
80) Butylbenzylphthalate	20.412	149	3474816	42.660	ng	99
81) Benzo(a)anthracene	21.318	228	7258836	39.386	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	3081562	40.337	ng	100
83) Chrysene	21.383	228	6904059	40.130	ng	100
84) Bis(2-ethylhexyl)phtha...	21.301	149	5131749	44.060	ng	100
85) Di-n-octyl phthalate	22.512	149	8746357	43.487	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	8630935	34.887	ng	96
88) Benzo(b)fluoranthene	23.495	252	7728646	39.882	ng	100
89) Benzo(k)fluoranthene	23.571	252	7546215	39.445	ng	99
90) Benzo(a)pyrene	24.342	252	7480970	39.566	ng	100
91) Dibenzo(a,h)anthracene	28.100	278	7830236	38.794	ng	99
92) Benzo(g,h,i)perylene	29.112	276	7622690	38.429	ng	99

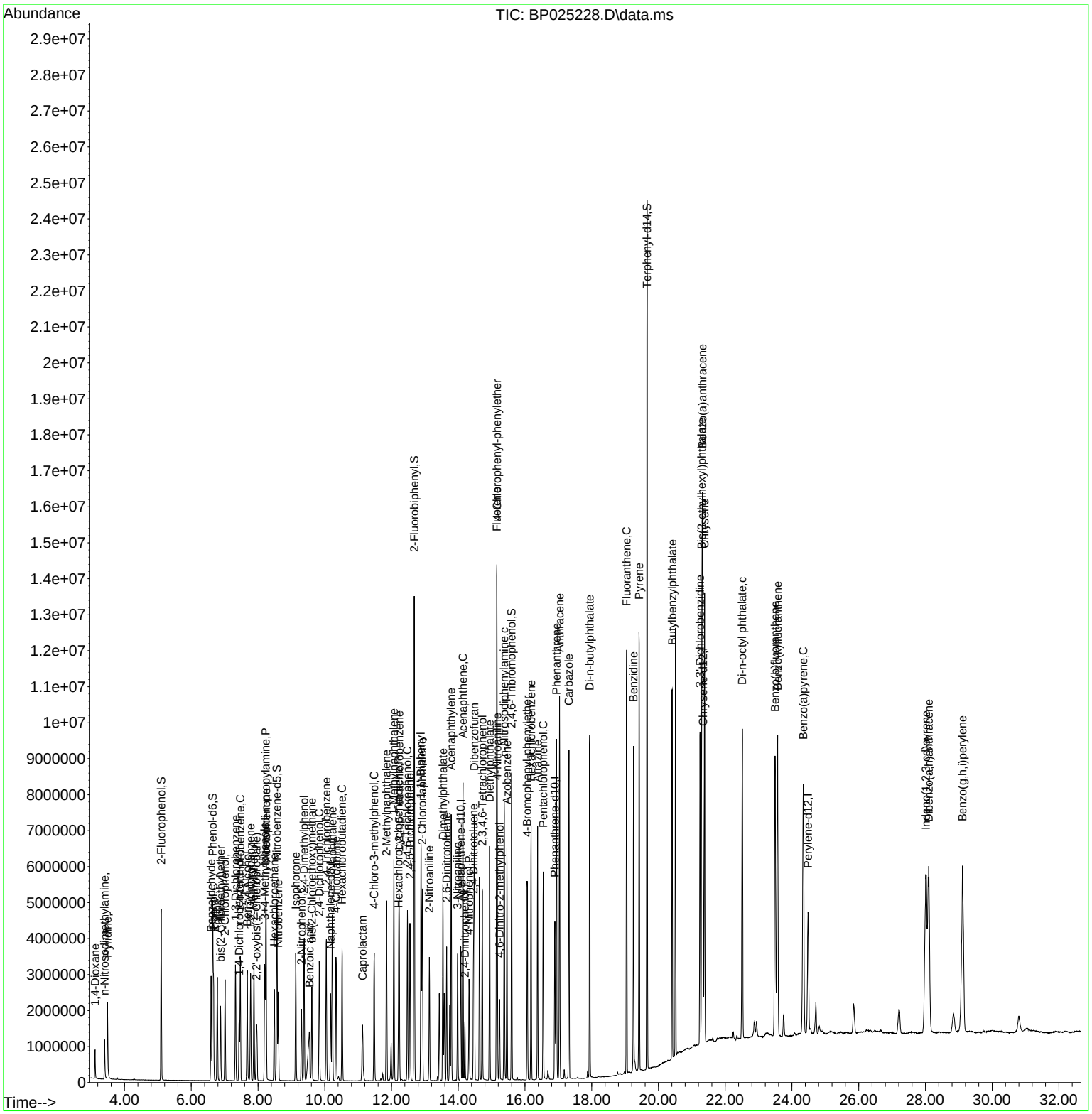
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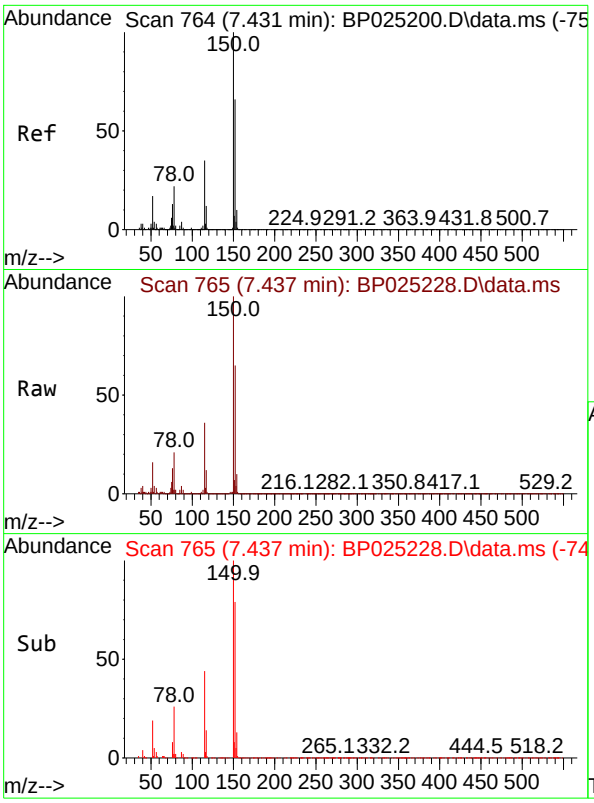
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



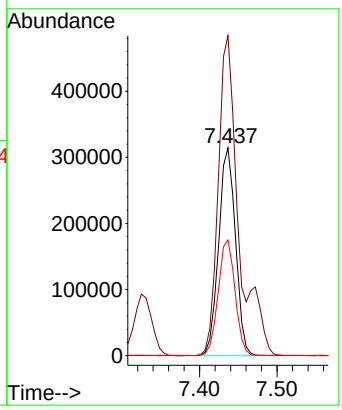


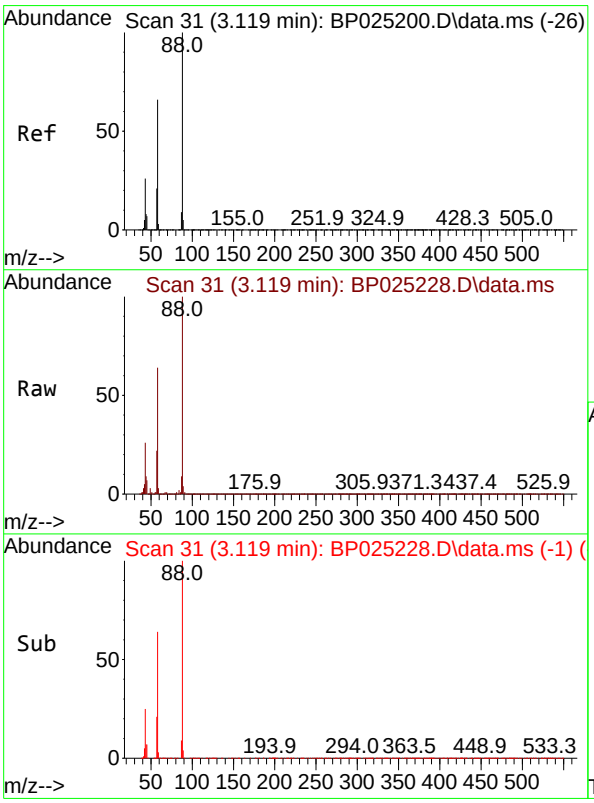
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 475755

Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.9	182.9
115	55.7	43.0	64.6

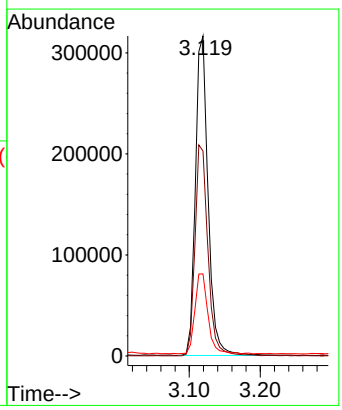


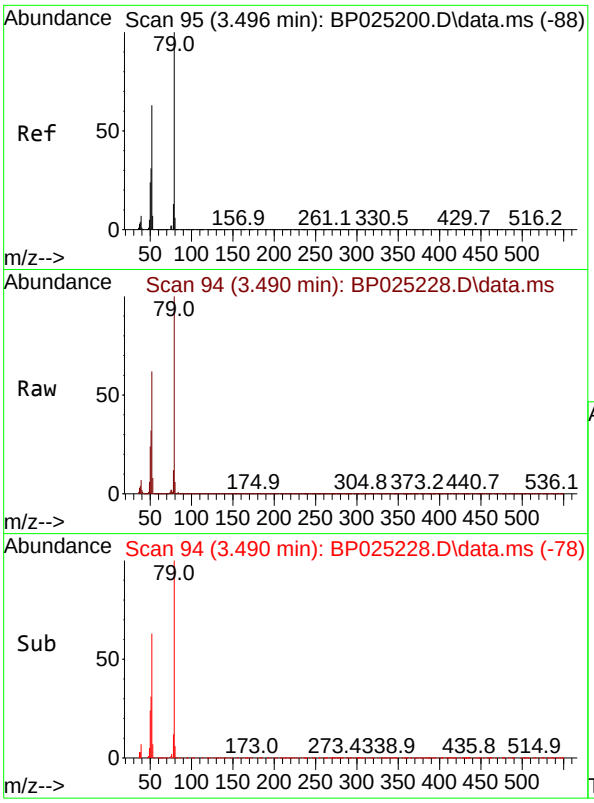


#2
1,4-Dioxane
Concen: 37.296 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 88 Resp: 393587

Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.5	80.3
43	25.7	20.8	31.2



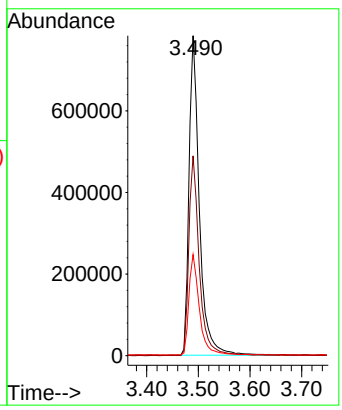


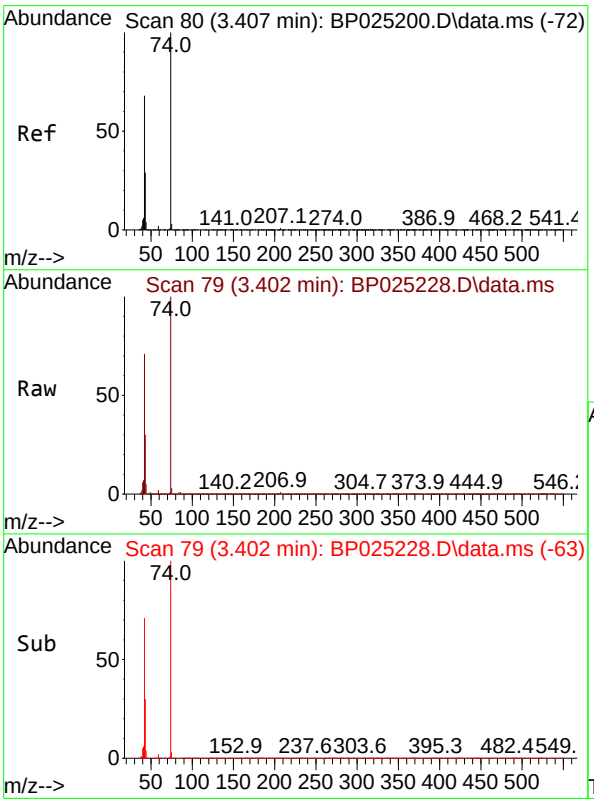
#3
Pyridine
Concen: 38.607 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1090608

Ion	Ratio	Lower	Upper
79	100		
52	62.5	50.2	75.4
51	31.6	25.0	37.4

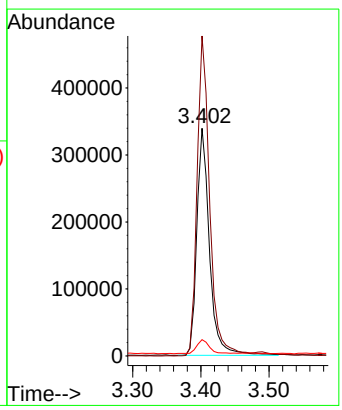


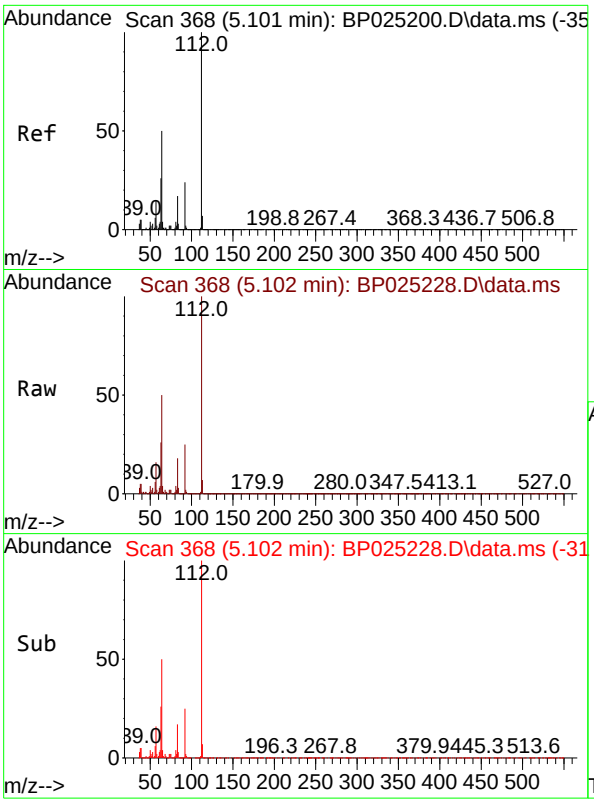


#4
n-Nitrosodimethylamine
Concen: 38.874 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 42 Resp: 435495

Ion	Ratio	Lower	Upper
42	100		
74	140.6	118.0	177.0
44	7.2	5.5	8.3



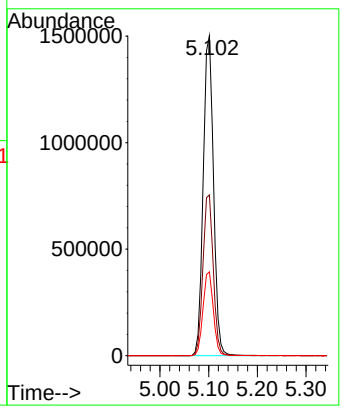


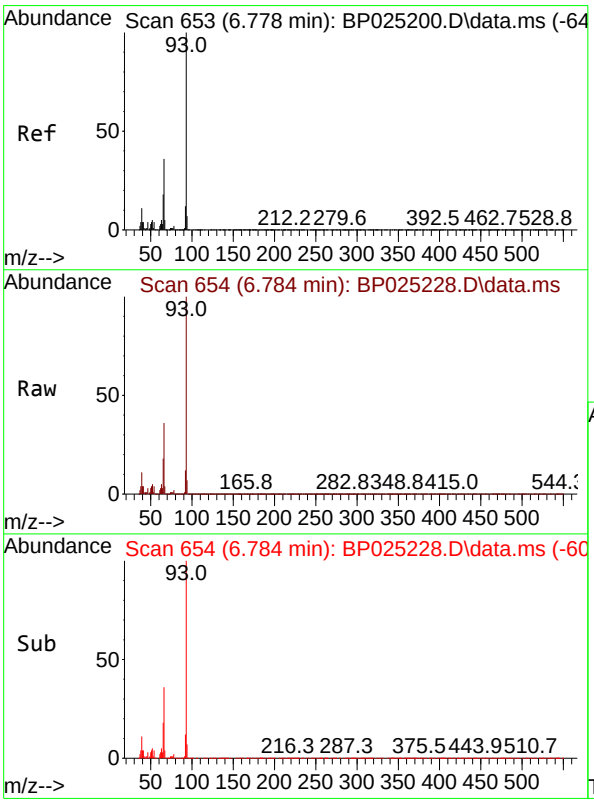
#5
2-Fluorophenol
Concen: 78.011 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2196567

Ion	Ratio	Lower	Upper
112	100		
64	50.3	39.8	59.6
63	26.2	20.5	30.7

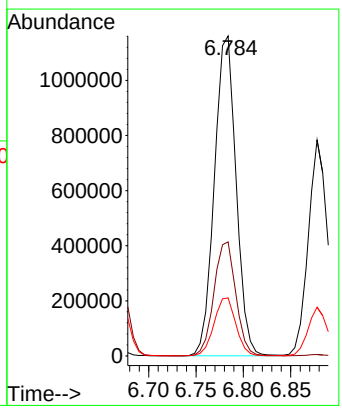


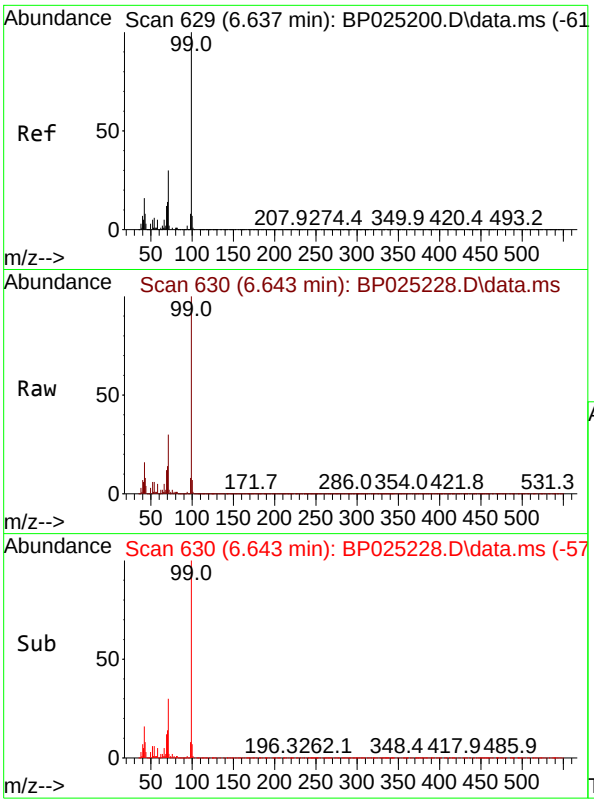


#6
Aniline
Concen: 40.638 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1852487

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.2	14.6	21.8



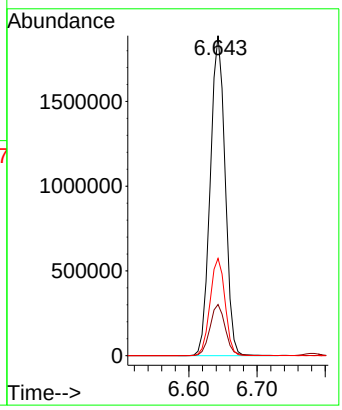


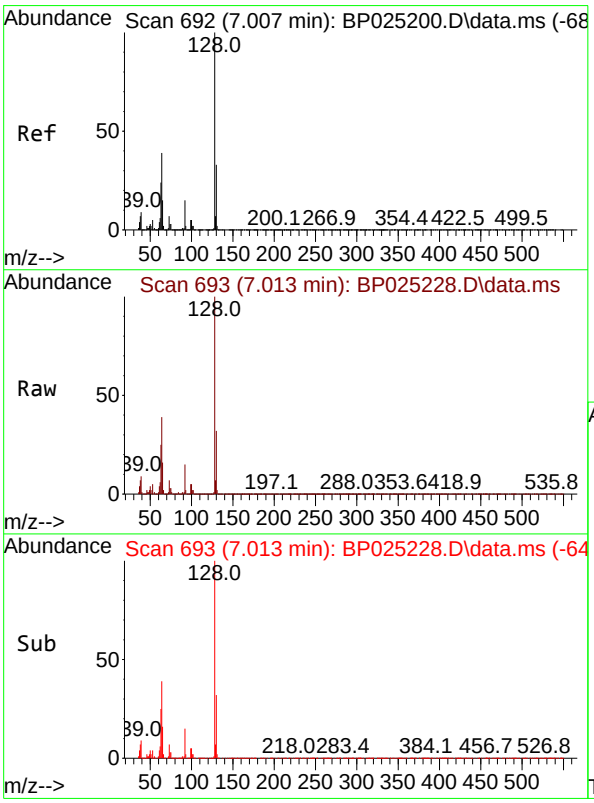
#7
Phenol-d6
Concen: 82.039 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2861029

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	30.4	24.2	36.2

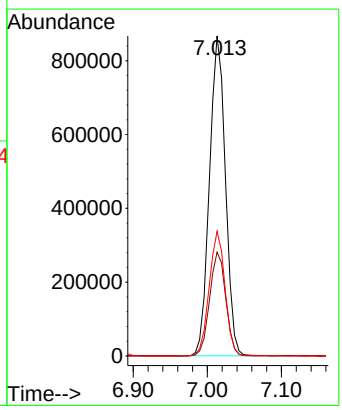


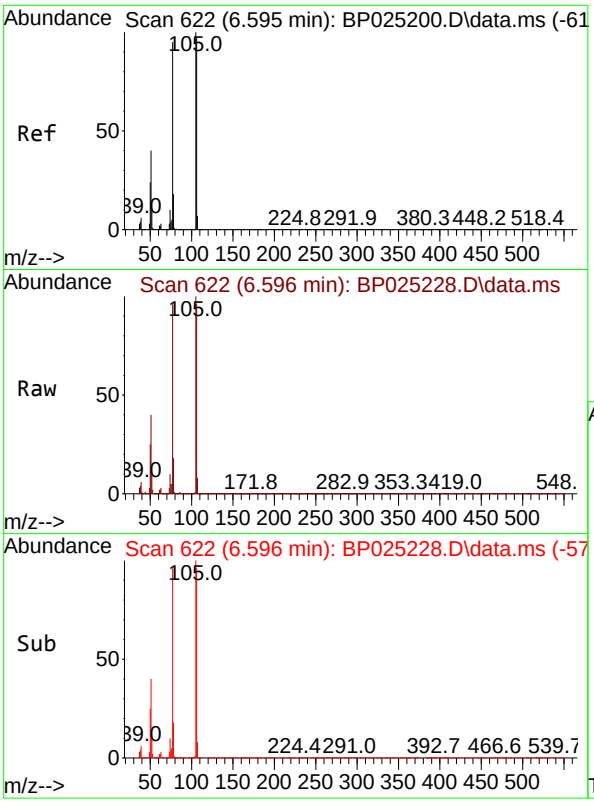


#8
2-Chlorophenol
Concen: 40.576 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:128 Resp: 1296331

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	38.9	19.2	59.2



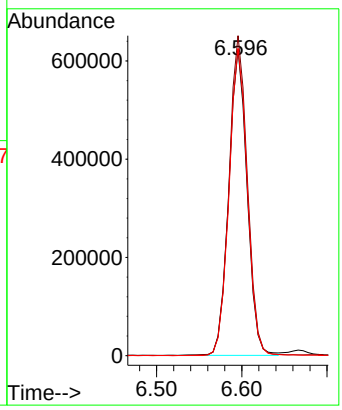


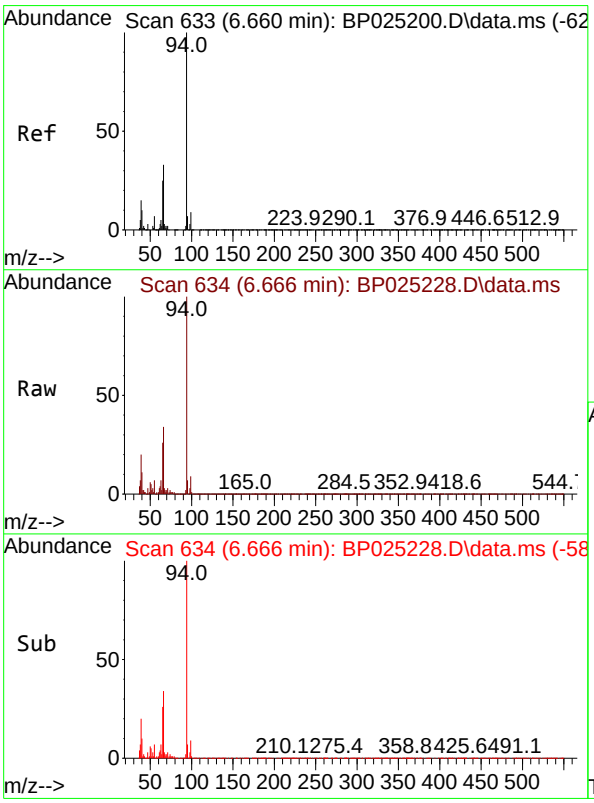
#9
Benzaldehyde
Concen: 39.343 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 930250

Ion	Ratio	Lower	Upper
77	100		
105	104.5	85.5	125.5
106	100.4	81.9	121.9

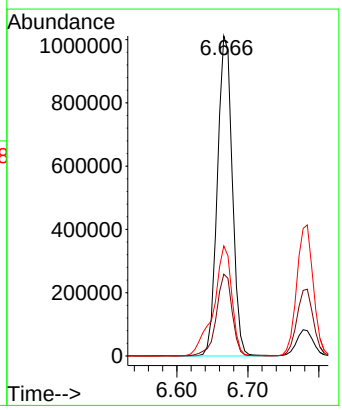


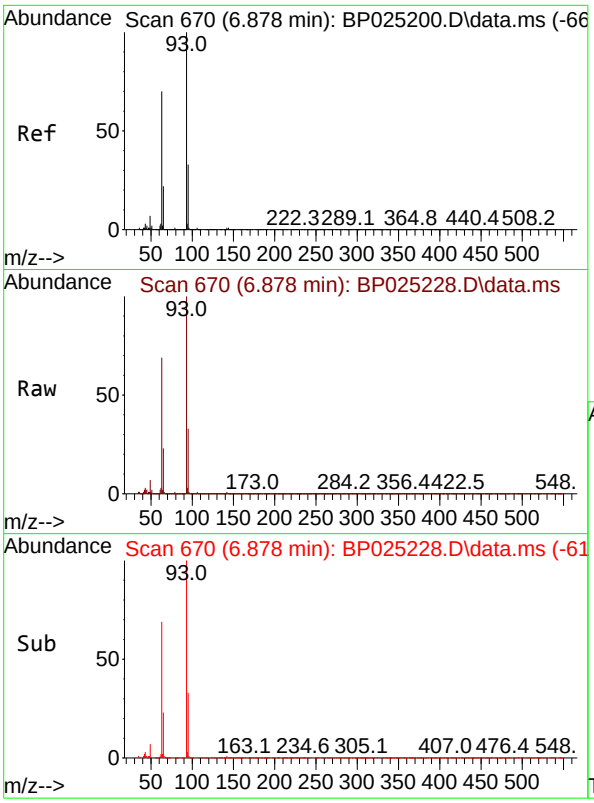


#10
Phenol
Concen: 40.566 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 94 Resp: 1467116

Ion	Ratio	Lower	Upper
94	100		
65	25.5	5.4	45.4
66	34.4	13.5	53.5



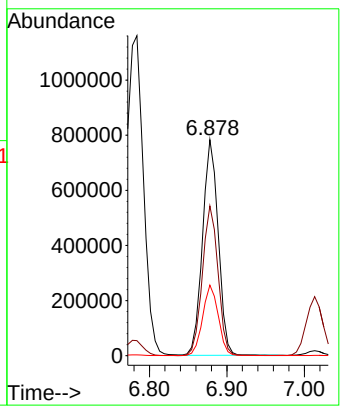


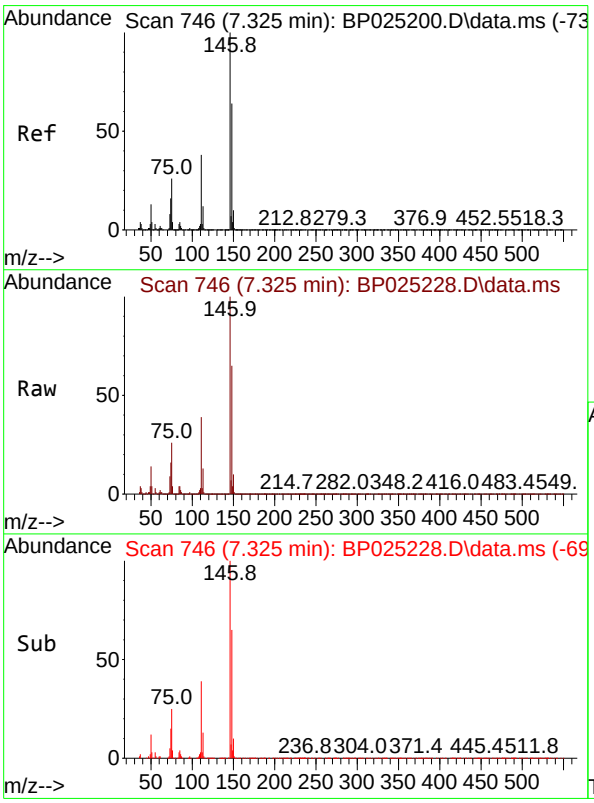
#11
bis(2-Chloroethyl)ether
Concen: 39.793 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1103356

Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.0	90.0
95	32.7	12.9	52.9

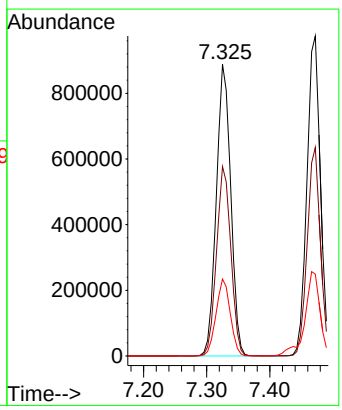


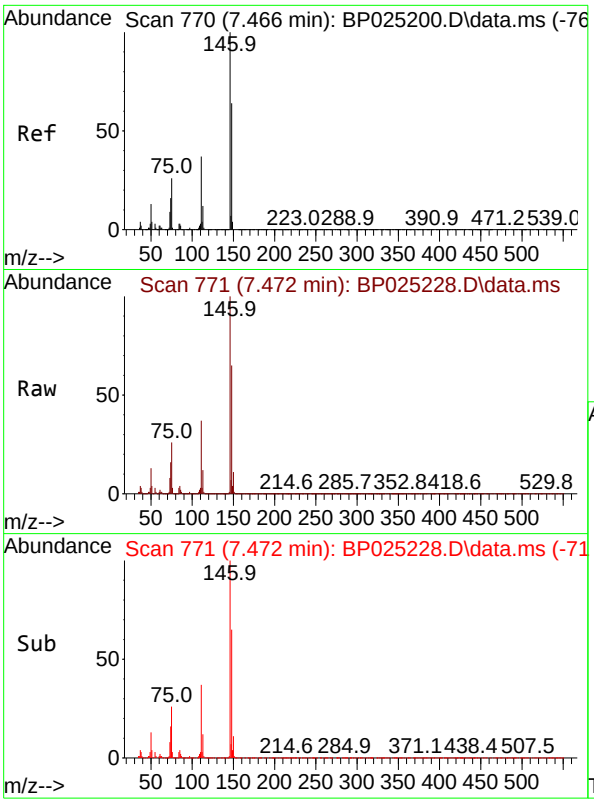


#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1409952

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	26.4	20.6	31.0



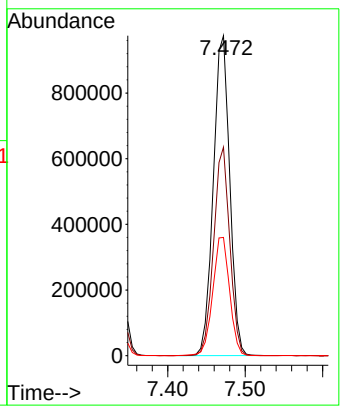


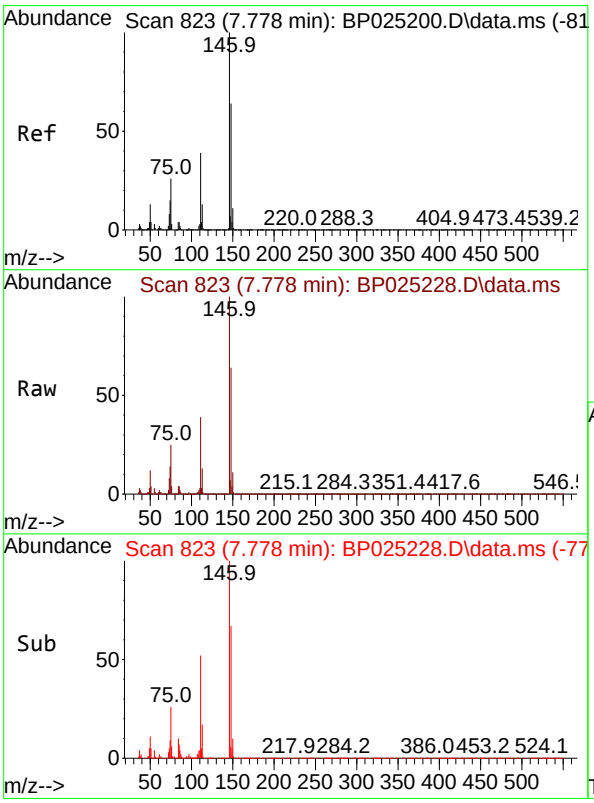
#13
1,4-Dichlorobenzene
Concen: 39.521 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1433228

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
111	37.0	29.9	44.9

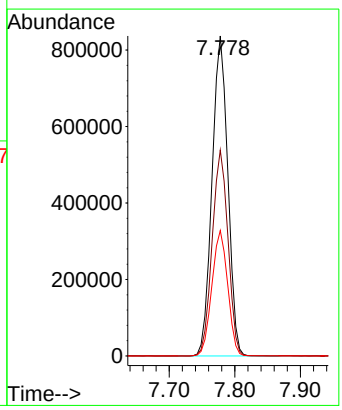


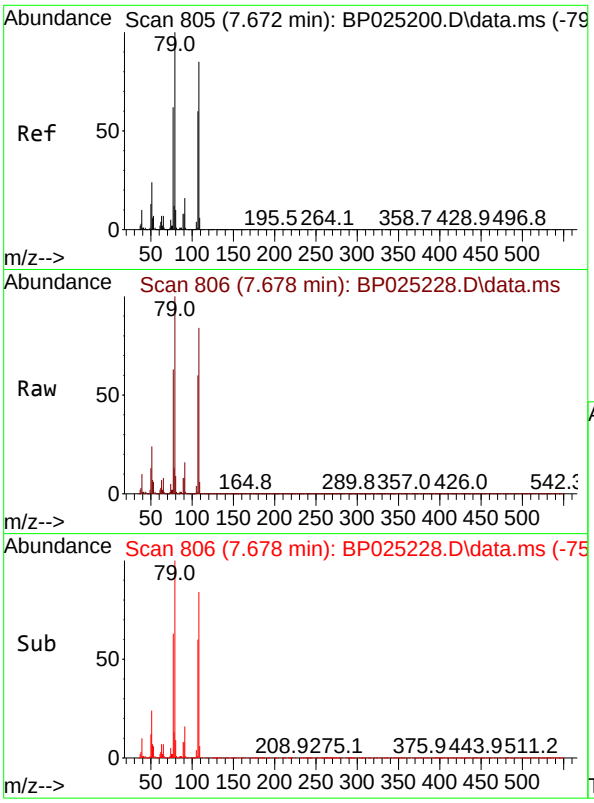


#14
1,2-Dichlorobenzene
Concen: 40.064 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1397689

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	39.2	31.3	46.9



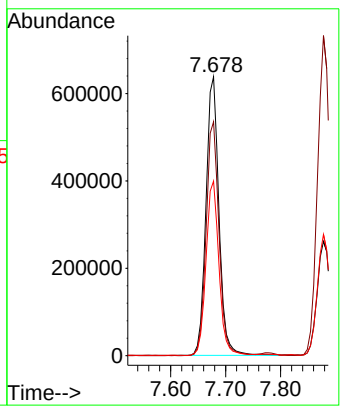


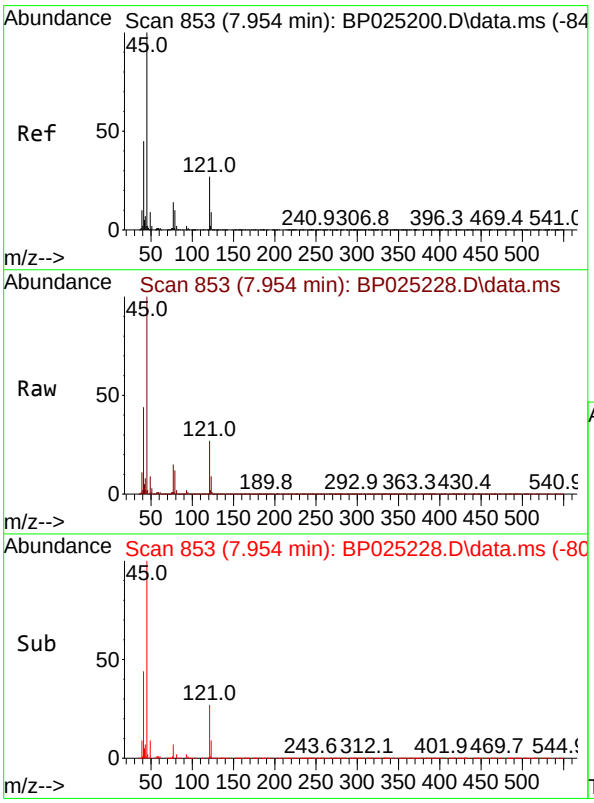
#15
Benzyl Alcohol
Concen: 41.459 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1042913

Ion	Ratio	Lower	Upper
79	100		
108	83.9	67.8	101.6
77	62.6	49.9	74.9

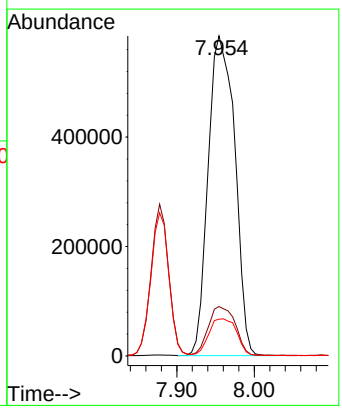


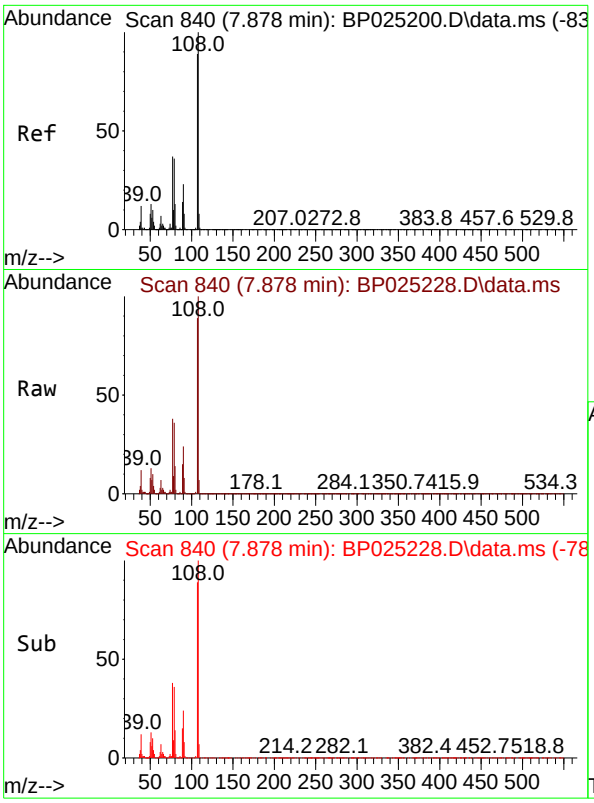


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.458 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 45 Resp: 1399883

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	36.0
79	11.5	0.0	31.7



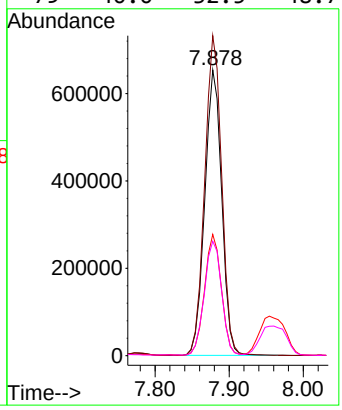


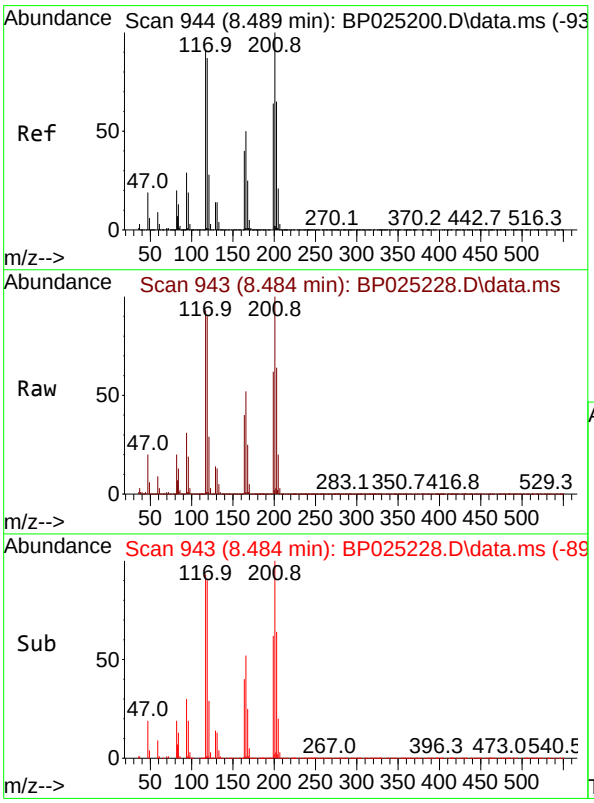
#17
2-Methylphenol
Concen: 41.350 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 1036790

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.8	134.8
77	42.4	33.2	49.8
79	40.0	32.5	48.7

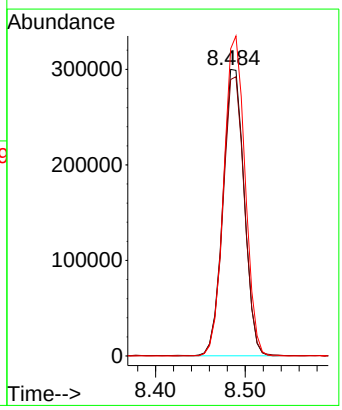


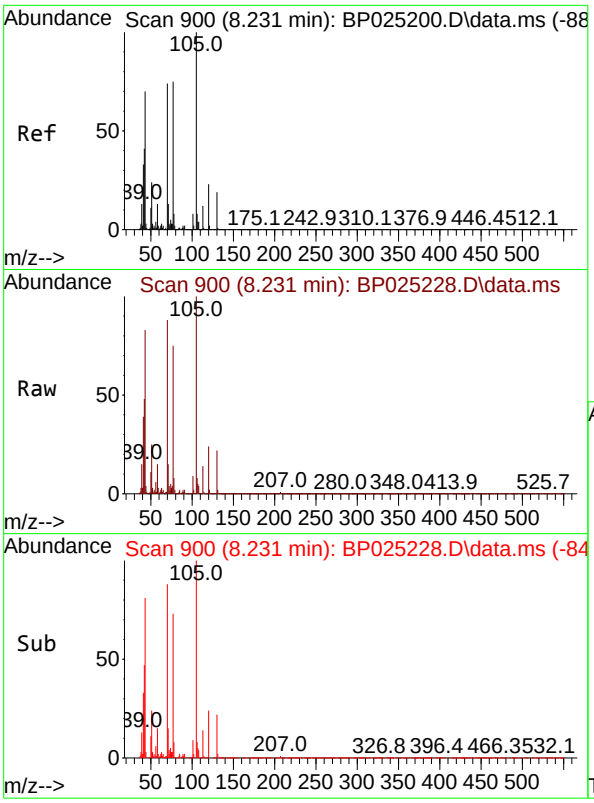


#18
Hexachloroethane
Concen: 39.573 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:117 Resp: 493527

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.6
201	107.2	88.3	132.5



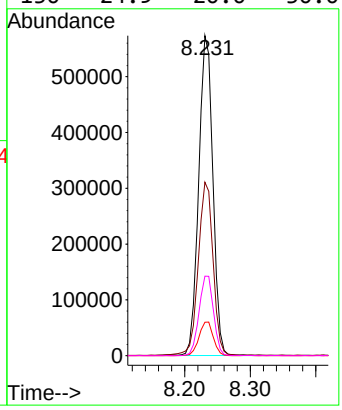


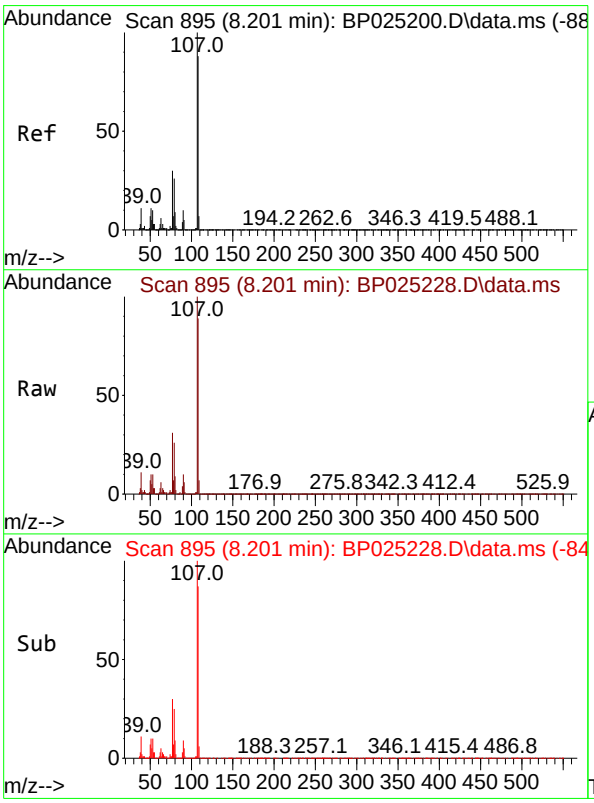
#19
n-Nitroso-di-n-propylamine
Concen: 41.082 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 861892

Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.2	66.2
101	10.4	8.6	12.8
130	24.9	20.0	30.0

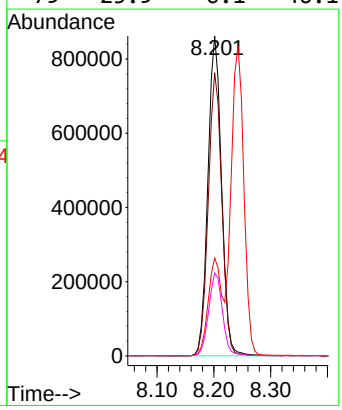


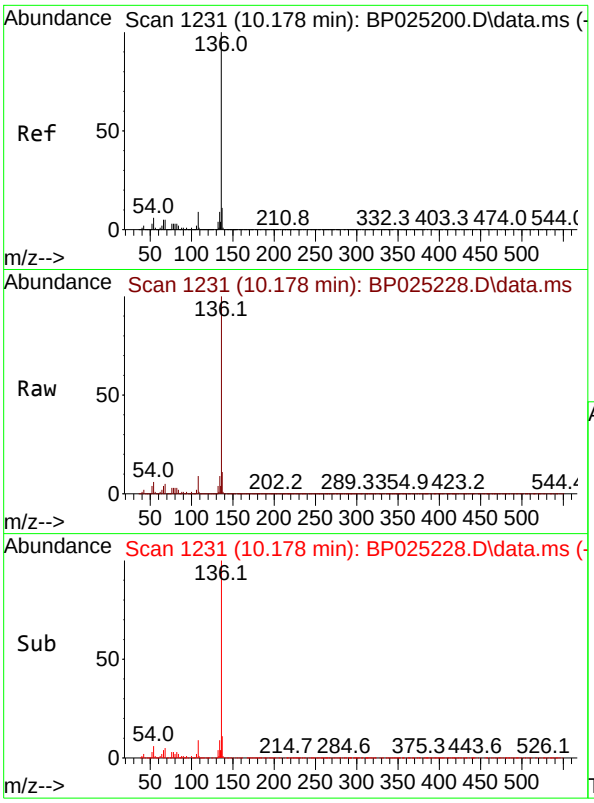


#20
3+4-Methylphenols
Concen: 41.751 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1427970

Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.8	107.8
77	30.6	10.3	50.3
79	25.9	6.1	46.1



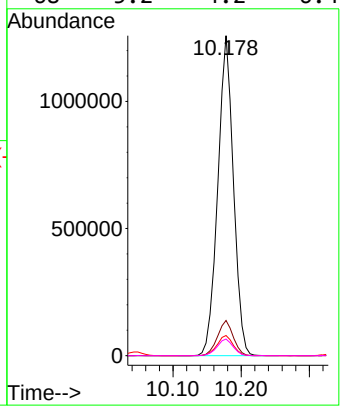


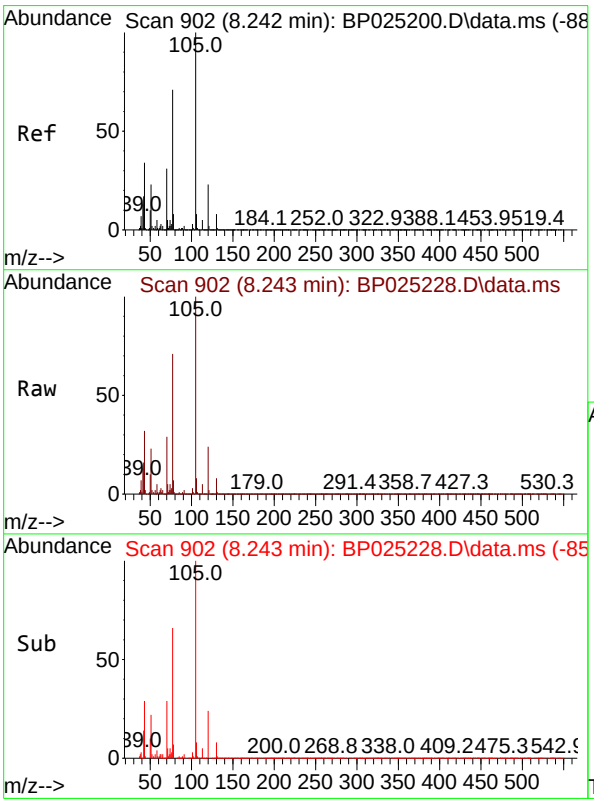
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 2010398

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.3	5.1	7.7
68	5.2	4.2	6.4

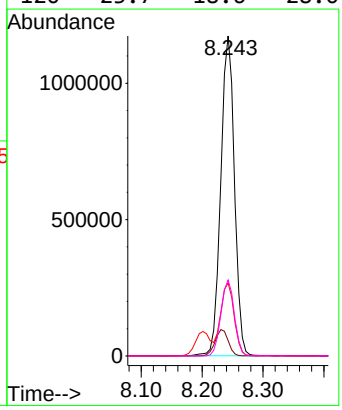


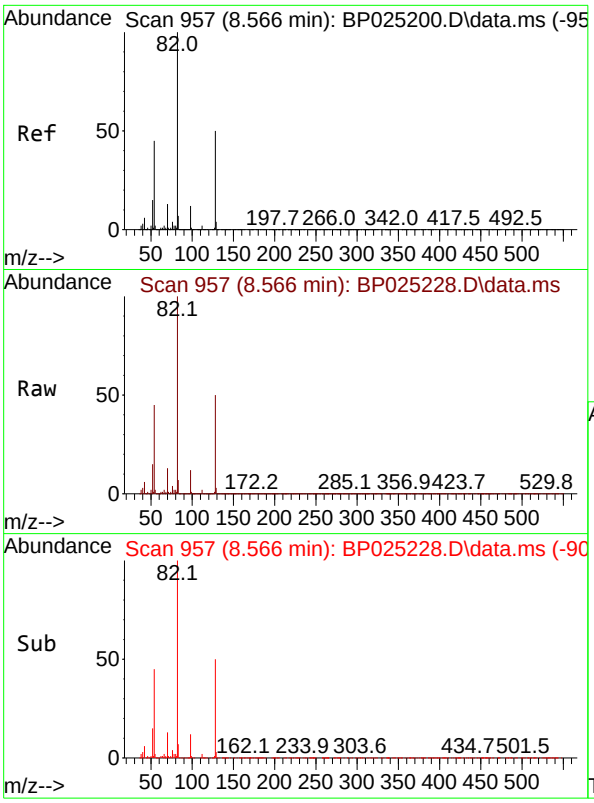


#22
Acetophenone
Concen: 39.161 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:105 Resp: 1831992

Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.1	6.1
51	22.8	18.5	27.7
120	23.7	18.6	28.0



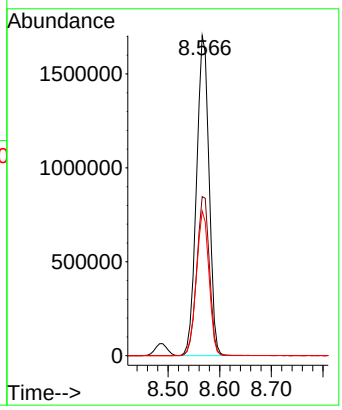


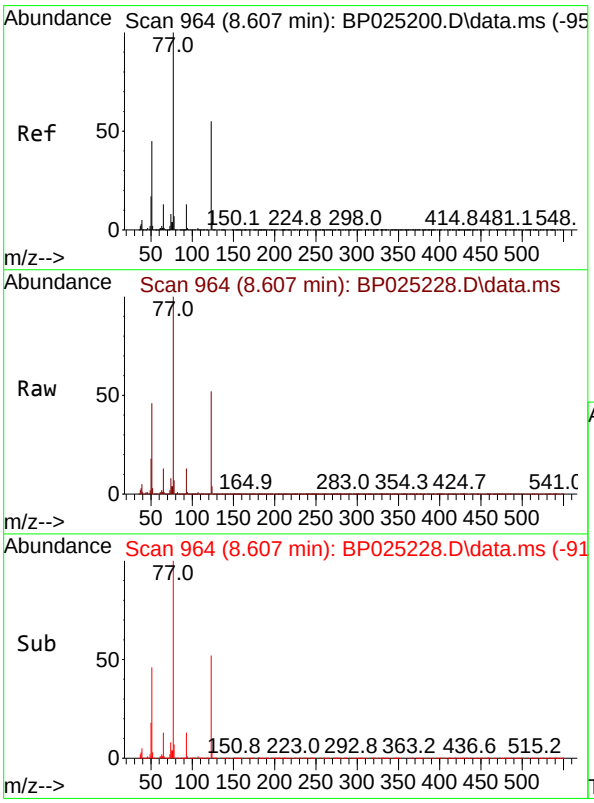
#23
Nitrobenzene-d5
Concen: 79.438 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2873708

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.2	60.4
54	45.2	36.3	54.5

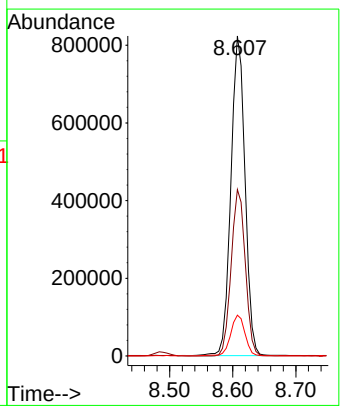


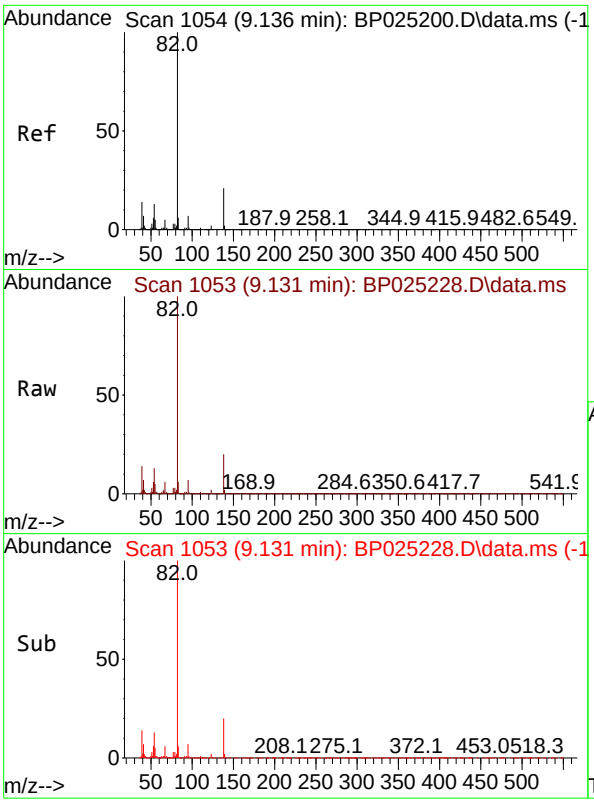


#24
Nitrobenzene
Concen: 39.614 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 1277454

Ion	Ratio	Lower	Upper
77	100		
123	52.0	43.6	65.4
65	12.7	10.2	15.2



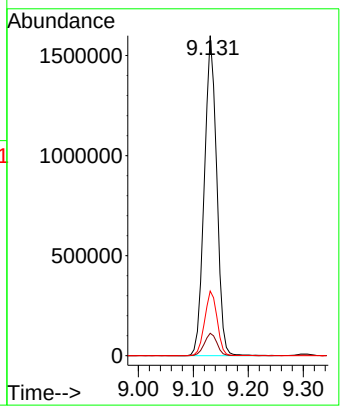


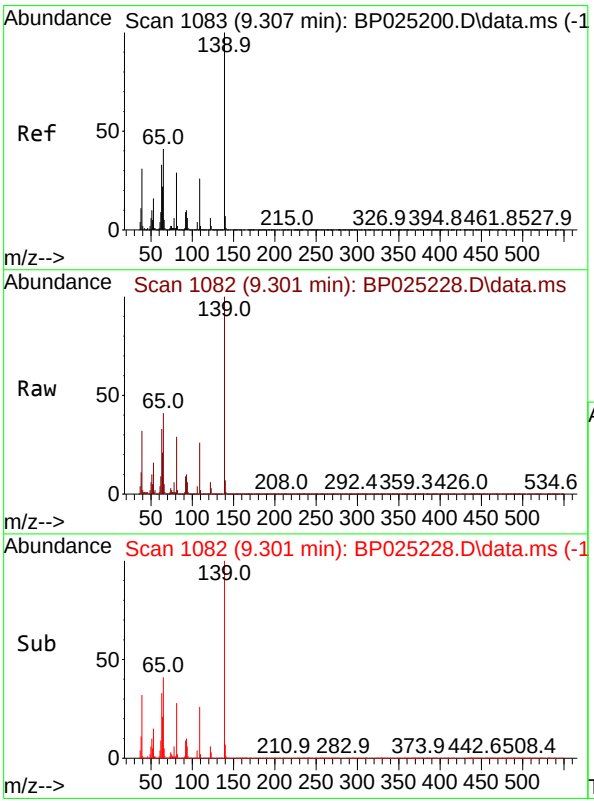
#25
Isophorone
Concen: 39.287 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2499307

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.2	16.6	25.0

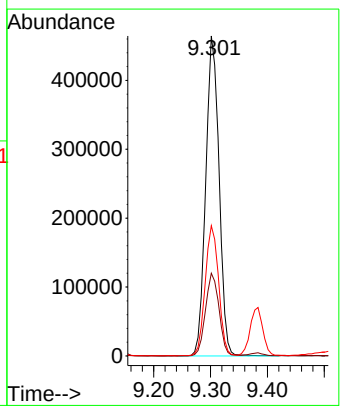


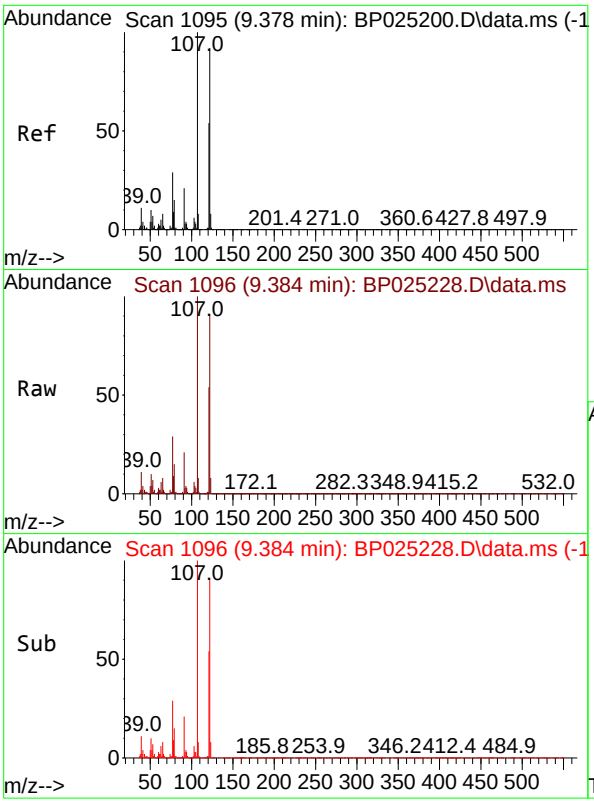


#26
2-Nitrophenol
Concen: 40.747 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 754572

Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.0	31.6
65	40.7	32.7	49.1



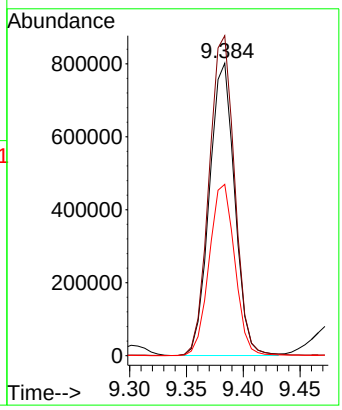


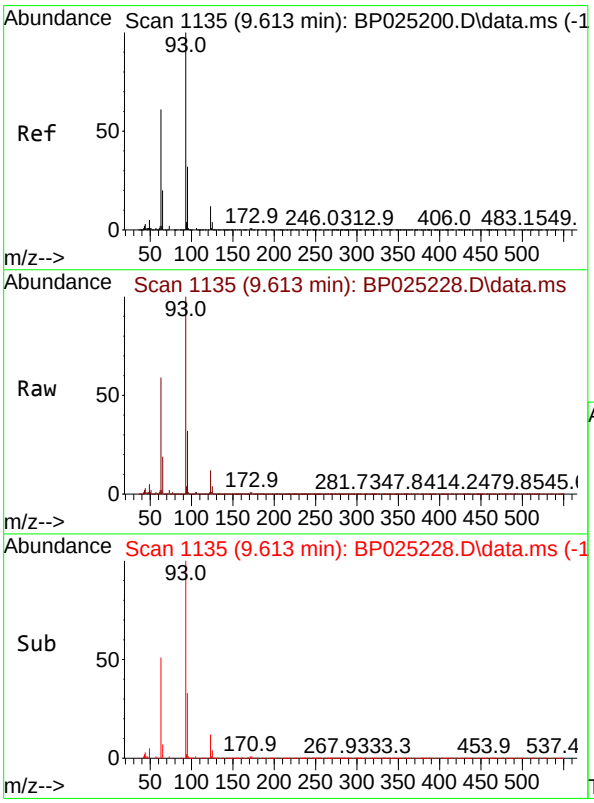
#27
2,4-Dimethylphenol
Concen: 40.112 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 1242956

Ion	Ratio	Lower	Upper
122	100		
107	109.4	87.0	130.4
121	58.6	46.7	70.1

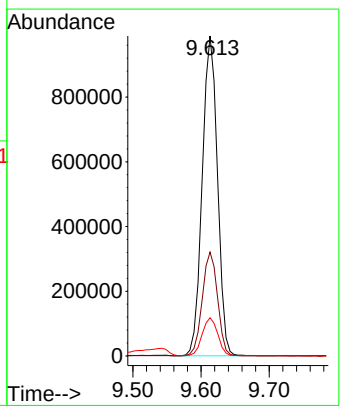


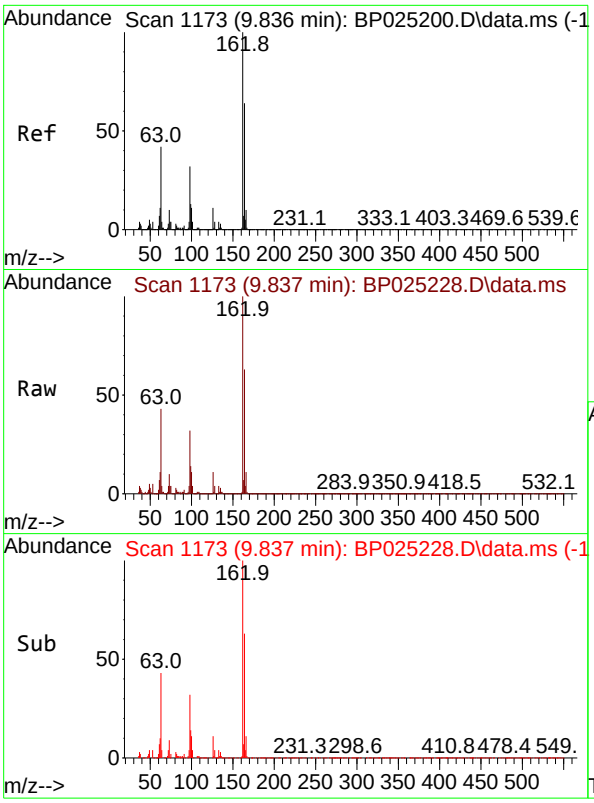


#28
bis(2-Chloroethoxy)methane
Concen: 38.637 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1537420

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	12.0	9.8	14.6



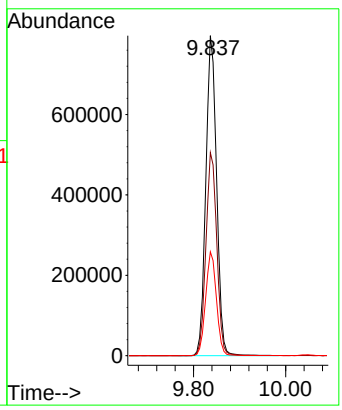


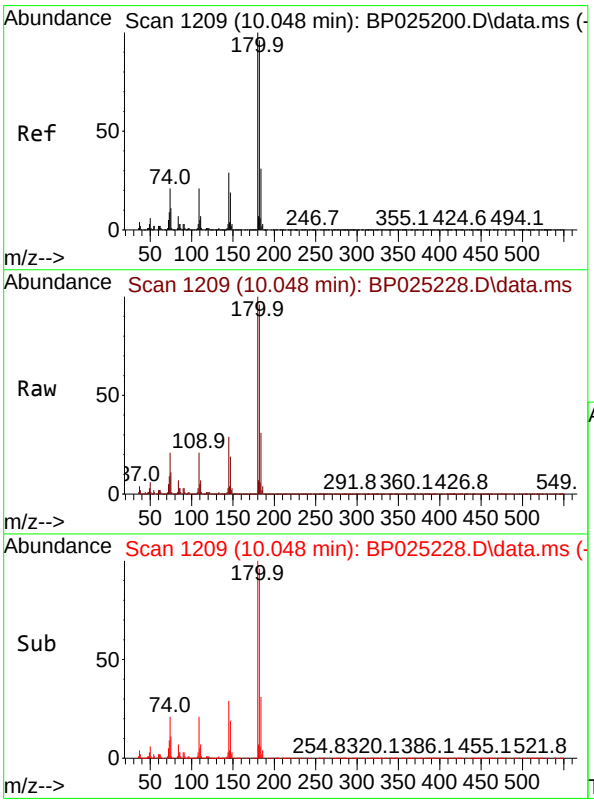
#29
2,4-Dichlorophenol
Concen: 40.880 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1301415

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.2	84.2
98	32.5	11.7	51.7

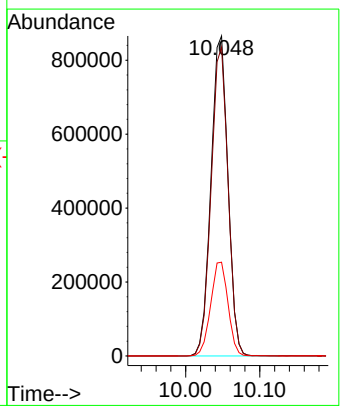


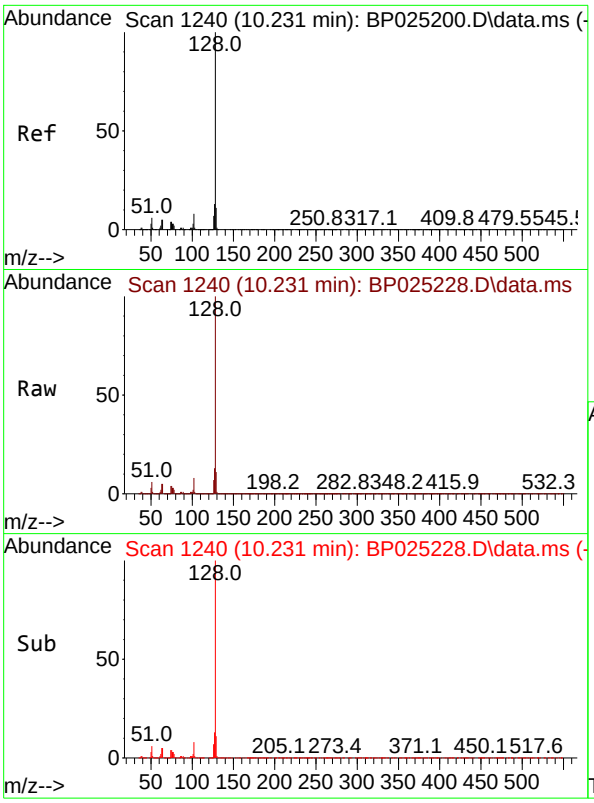


#30
1,2,4-Trichlorobenzene
Concen: 39.627 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:180 Resp: 1377874

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.7	115.1
145	29.3	23.5	35.3



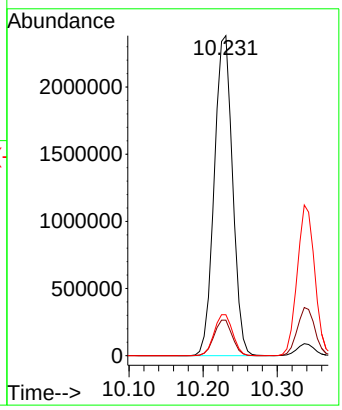


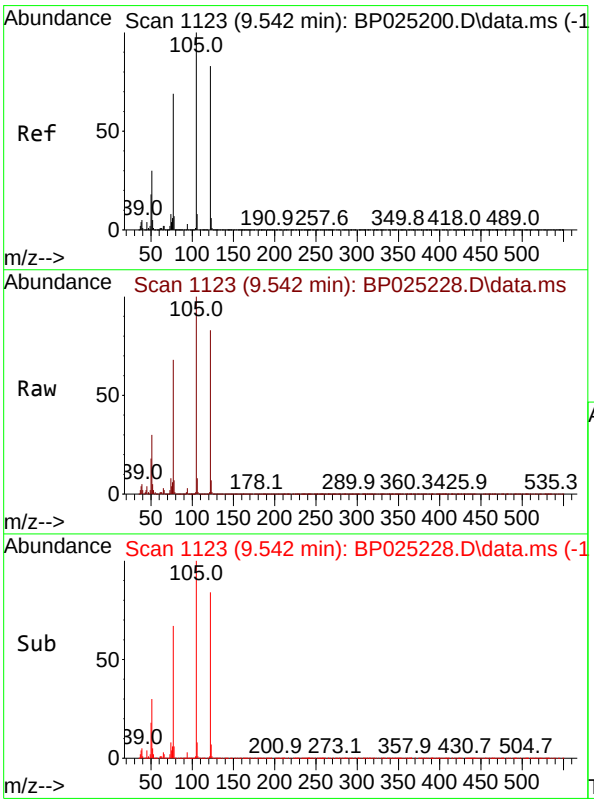
#31
Naphthalene
Concen: 39.644 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 4078359

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.8	10.4	15.6

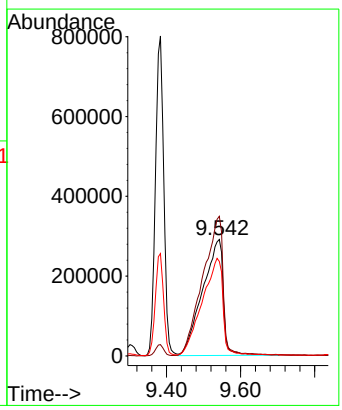


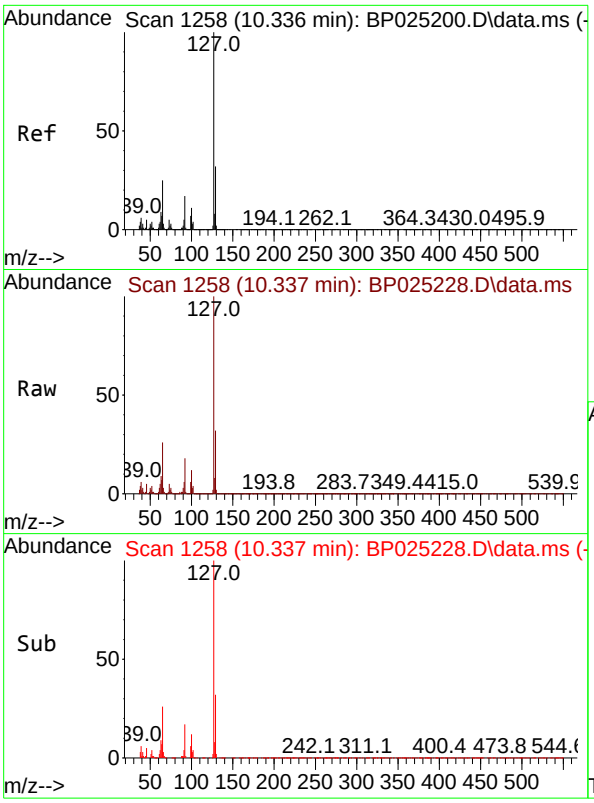


#32
Benzoic acid
Concen: 47.799 ng
RT: 9.542 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:122 Resp: 1130735

Ion	Ratio	Lower	Upper
122	100		
105	119.9	98.1	138.1
77	81.1	62.7	102.7



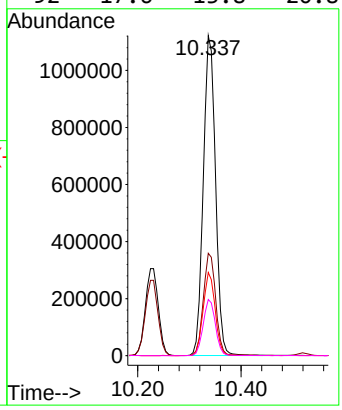


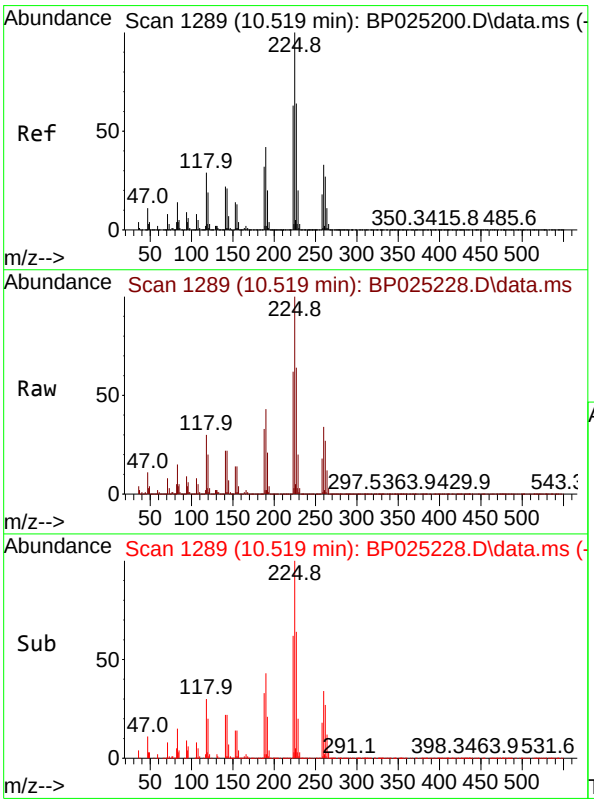
#33
4-Chloroaniline
Concen: 40.762 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1843296

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.0	20.2	30.4
92	17.6	13.8	20.8

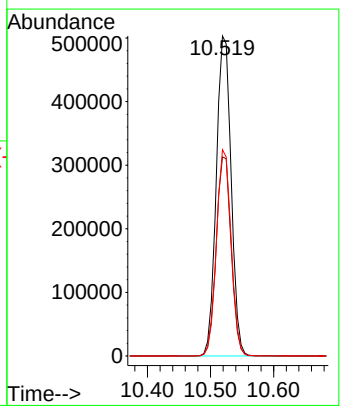


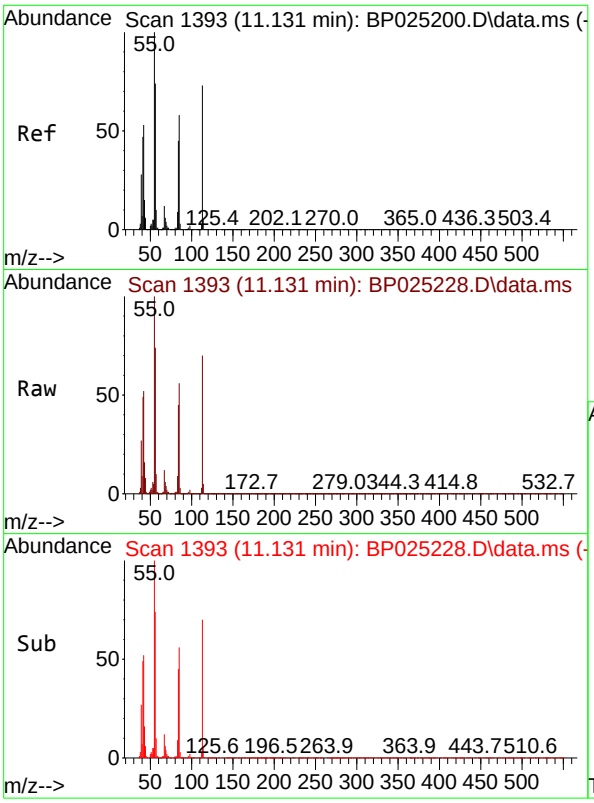


#34
Hexachlorobutadiene
Concen: 39.183 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:225 Resp: 820021

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	64.4	51.4	77.0



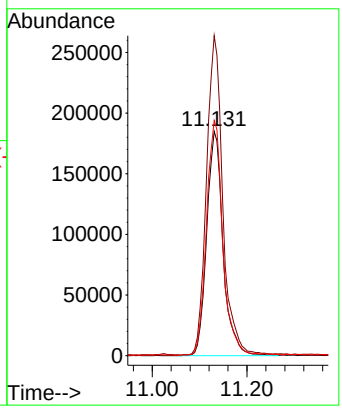


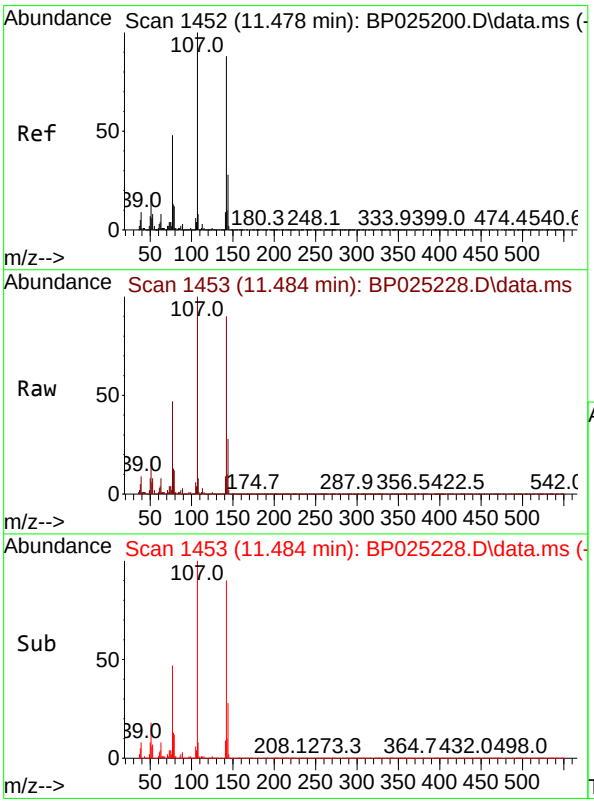
#35
Caprolactam
Concen: 41.859 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 442265

Ion	Ratio	Lower	Upper
113	100		
55	142.6	117.6	157.6
56	104.8	82.4	122.4

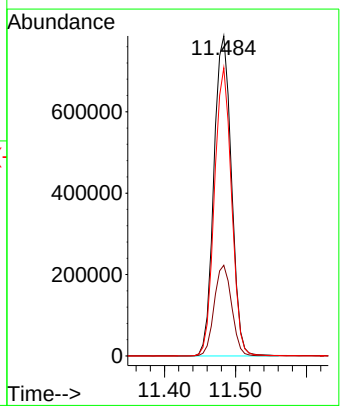


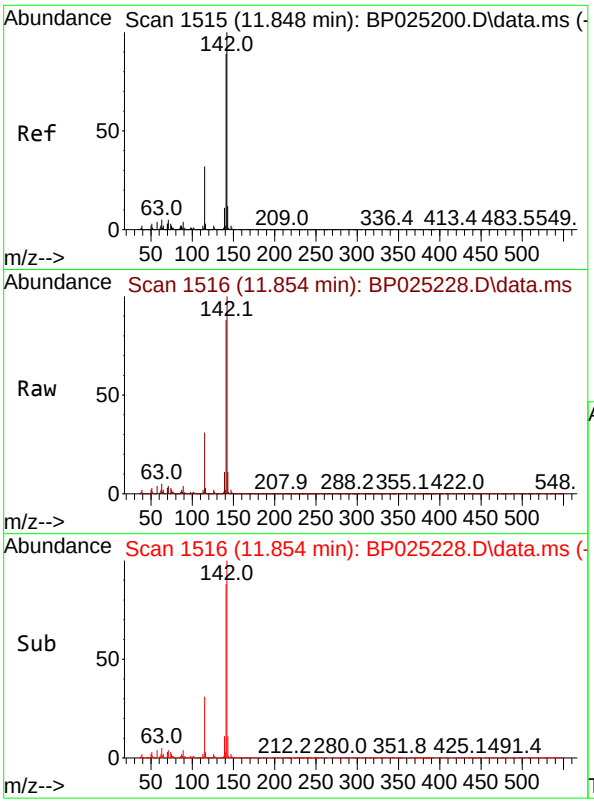


#36
4-Chloro-3-methylphenol
Concen: 42.212 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1343300

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.5	33.7
142	90.0	70.6	105.8



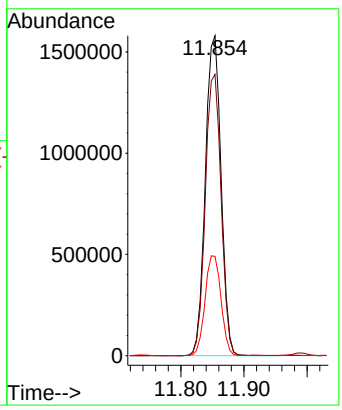


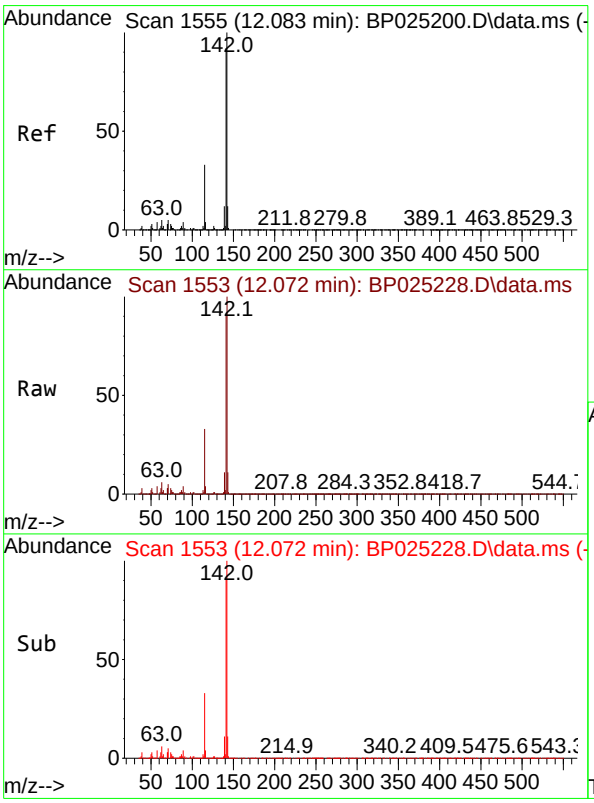
#37
2-Methylnaphthalene
Concen: 40.859 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2729444

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8
115	31.0	25.3	37.9

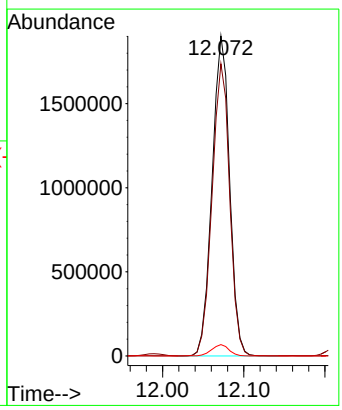


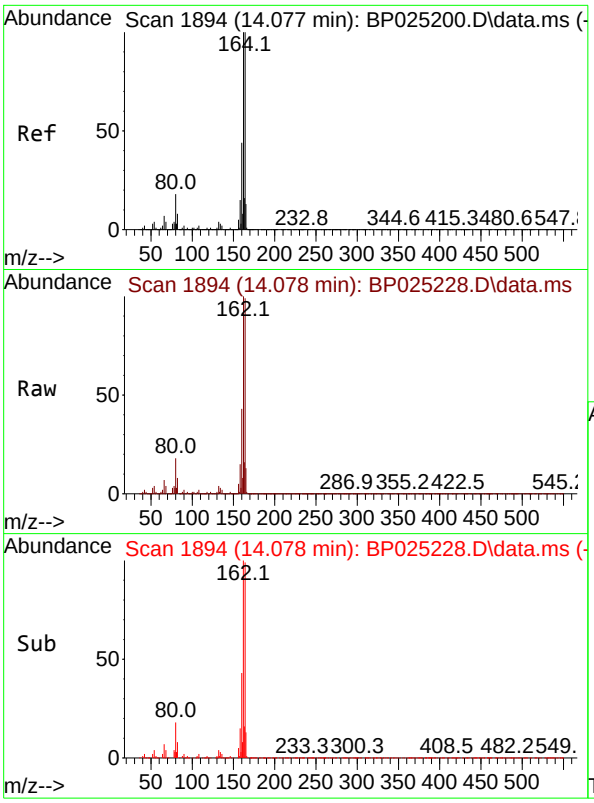


#38
1-Methylnaphthalene
Concen: 40.612 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:142 Resp: 2849738

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.5	2.8	4.2



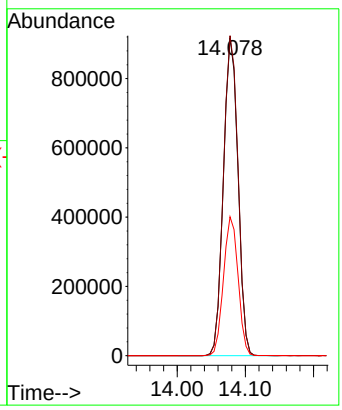


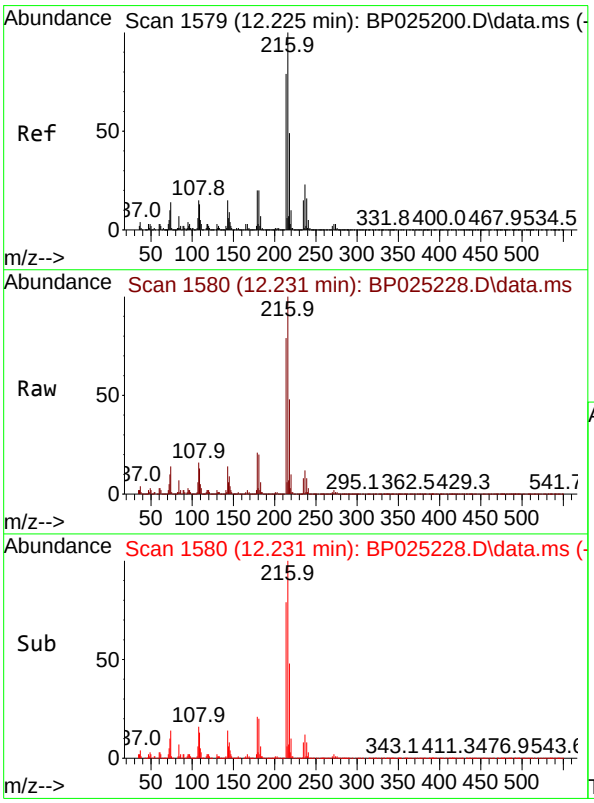
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1363058

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	43.7	35.7	53.5

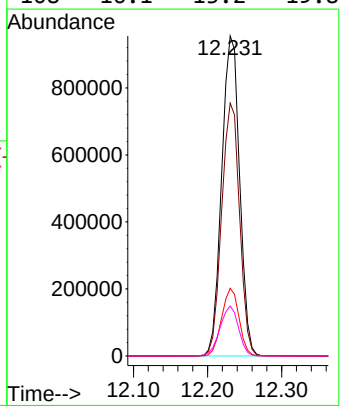


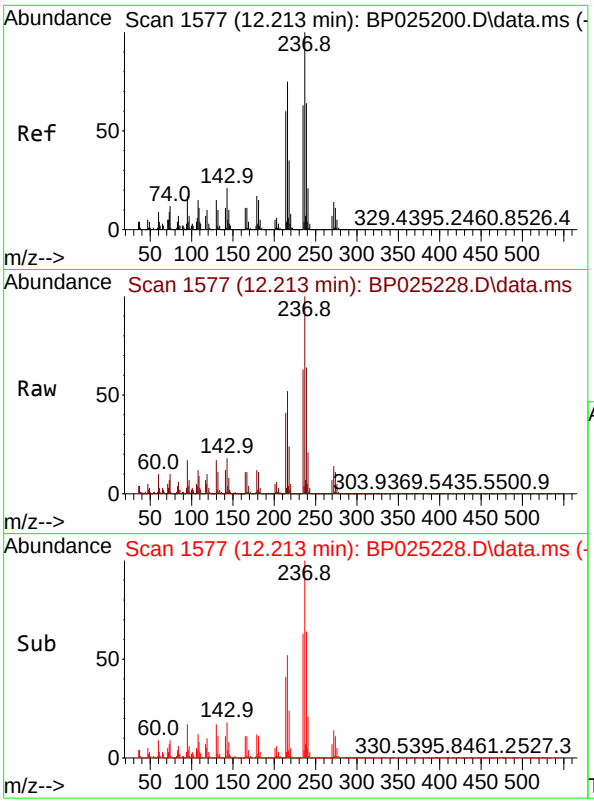


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.246 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:216 Resp: 1603484

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.7	94.1
179	20.5	16.2	24.4
108	16.1	13.2	19.8



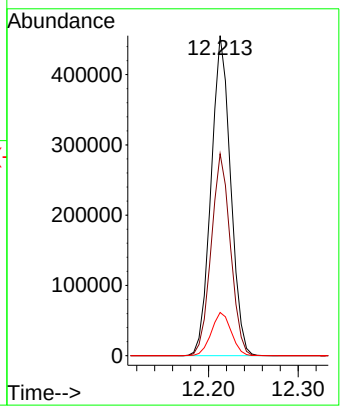


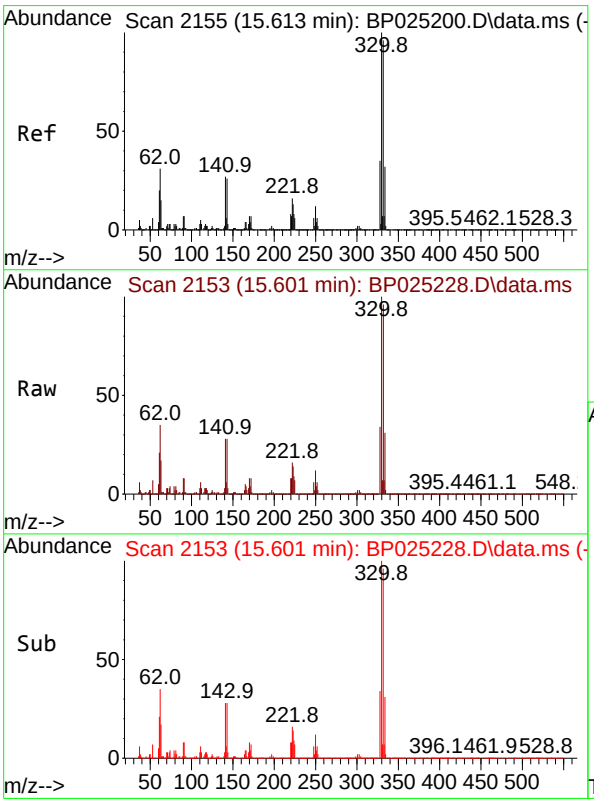
#41
Hexachlorocyclopentadiene
Concen: 28.144 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 686433

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.7	82.7
272	13.5	0.0	33.6

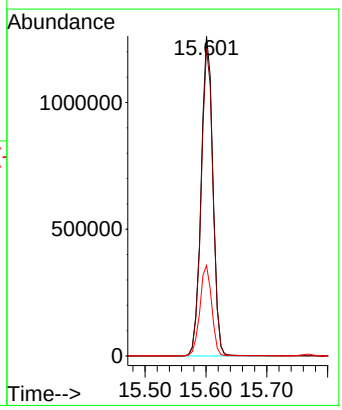


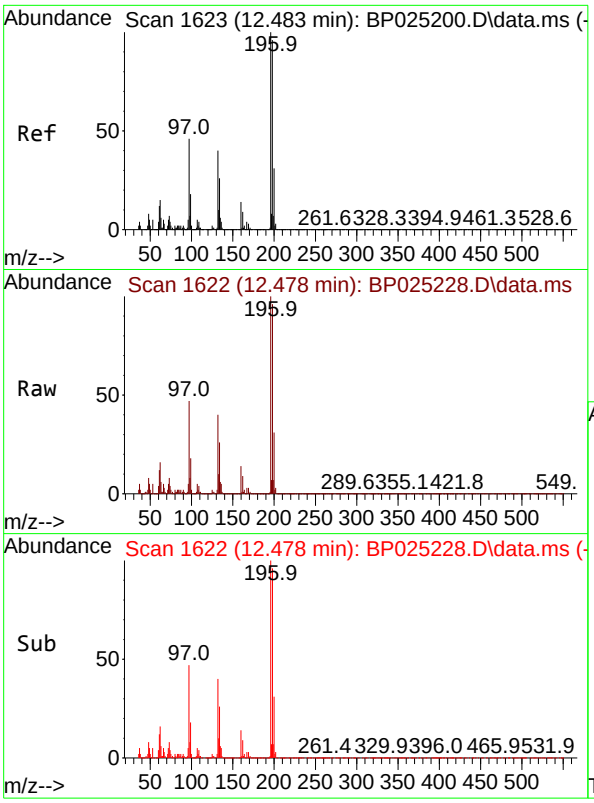


#42
2,4,6-Tribromophenol
Concen: 84.128 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:330 Resp: 1690516

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.4	22.4	33.6



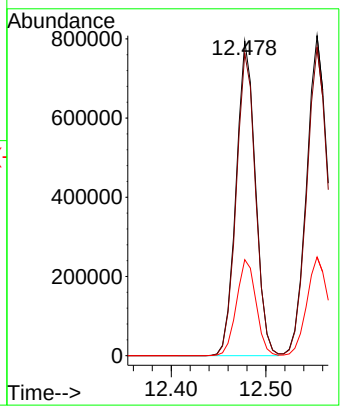


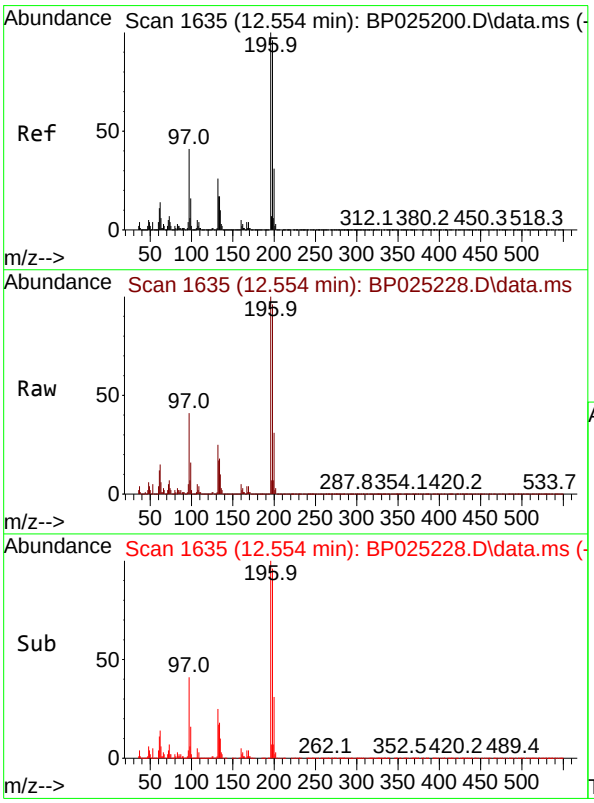
#43
2,4,6-Trichlorophenol
Concen: 40.313 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 1125399

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	114.8
200	30.5	24.7	37.1

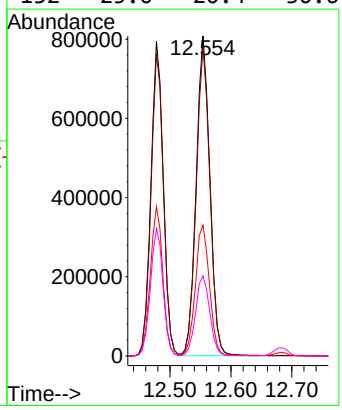


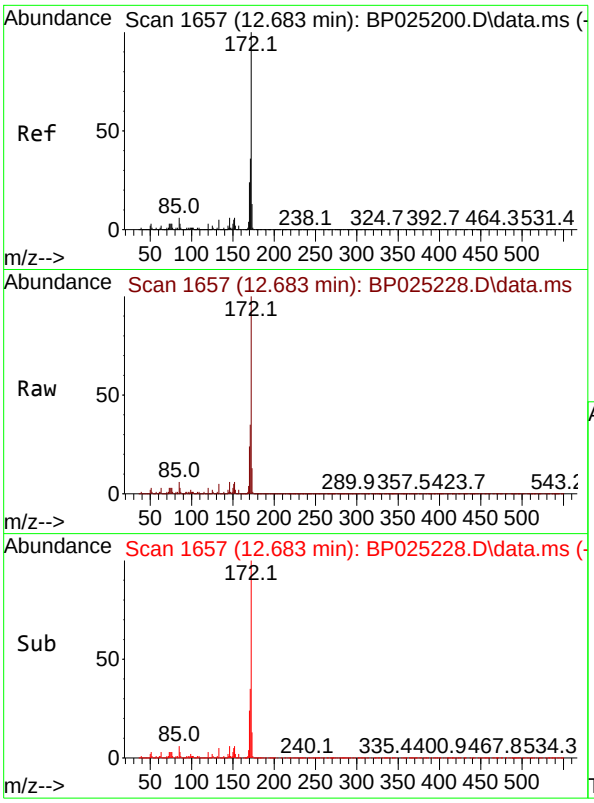


#44
2,4,5-Trichlorophenol
Concen: 41.280 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:196 Resp: 1268169

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.7	115.1
97	40.8	33.0	49.4
132	25.0	20.4	30.6



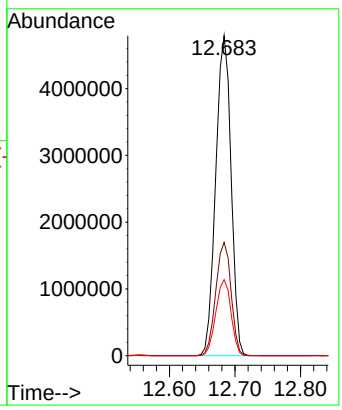


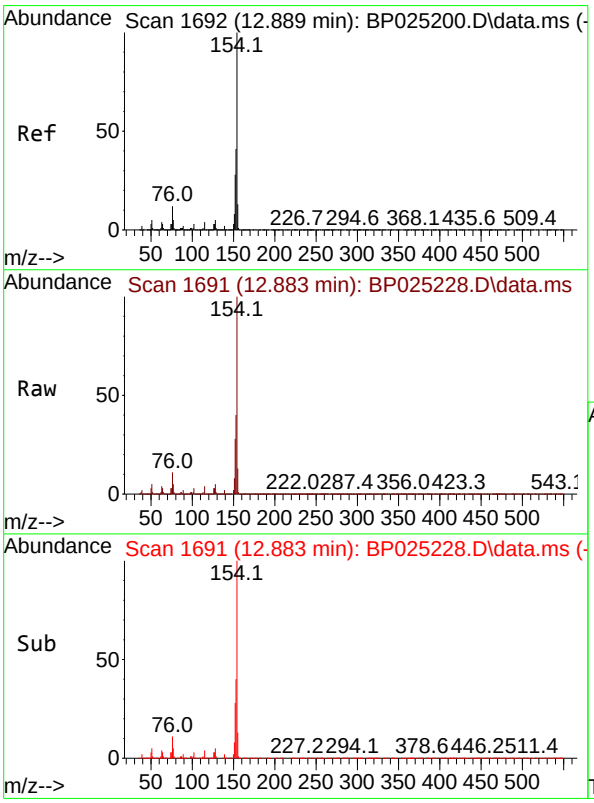
#45
2-Fluorobiphenyl
Concen: 80.047 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 7739219

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.8	19.2	28.8

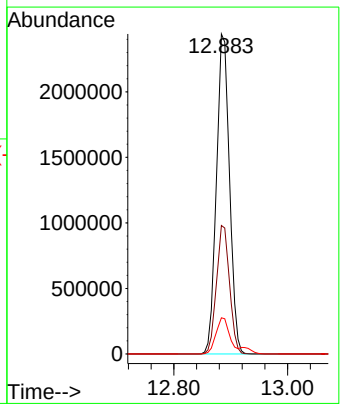


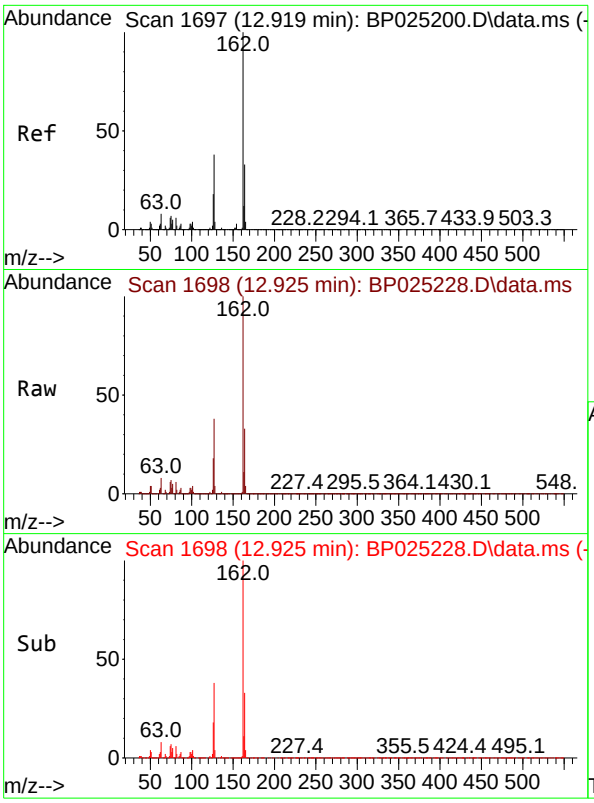


#46
1,1'-Biphenyl
Concen: 39.468 ng
RT: 12.883 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 3899850

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	11.3	0.0	31.6



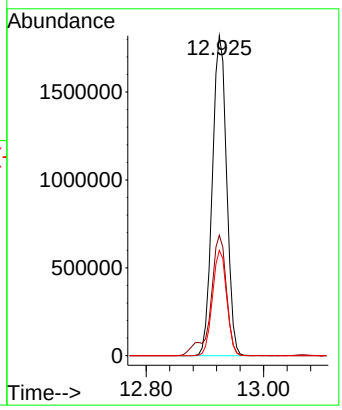


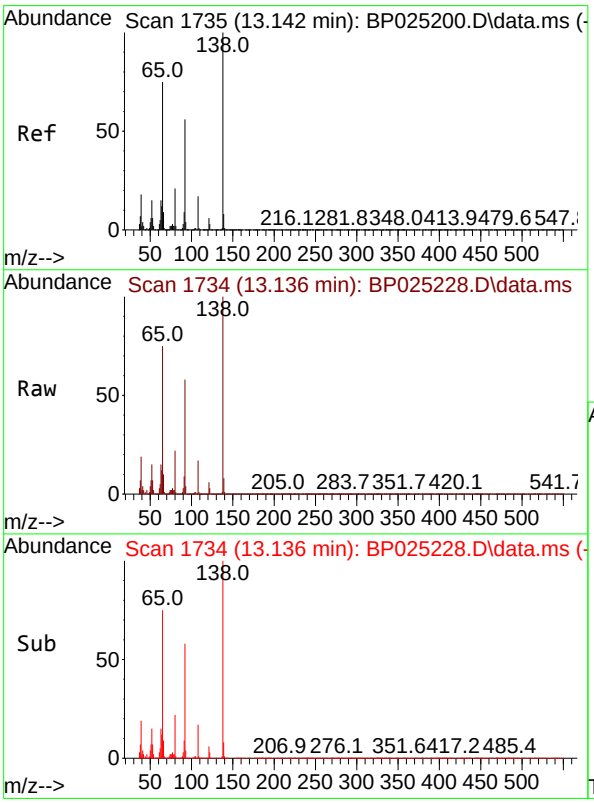
#47
2-Chloronaphthalene
Concen: 39.669 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 3060262

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	32.9	26.5	39.7

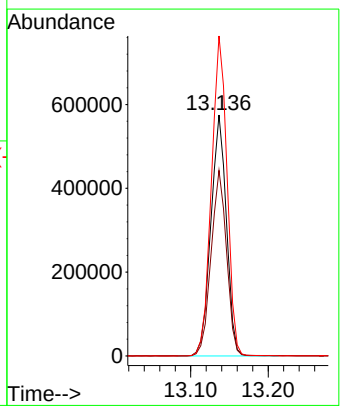


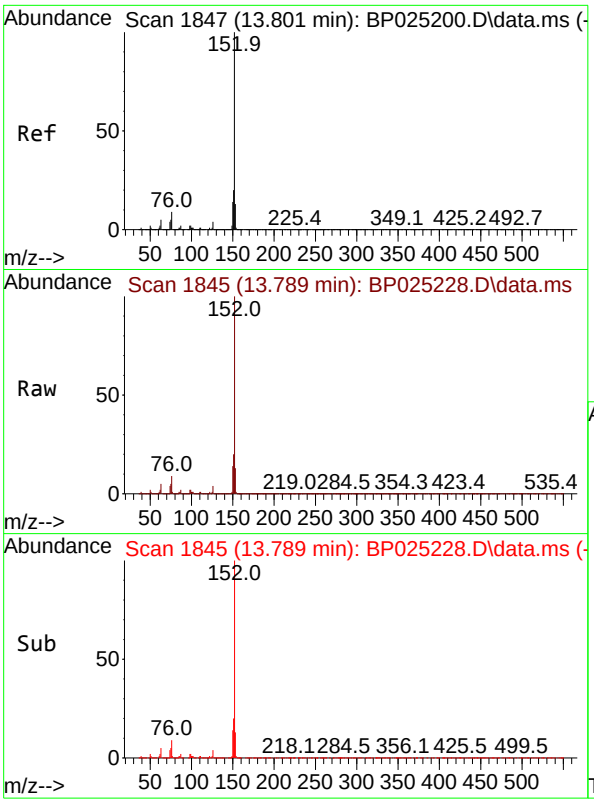


#48
2-Nitroaniline
Concen: 40.662 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 65 Resp: 801067

Ion	Ratio	Lower	Upper
65	100		
92	77.0	59.9	89.9
138	132.8	107.1	160.7



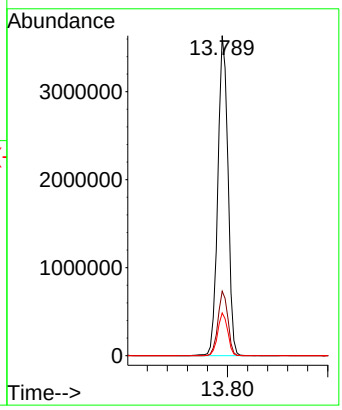


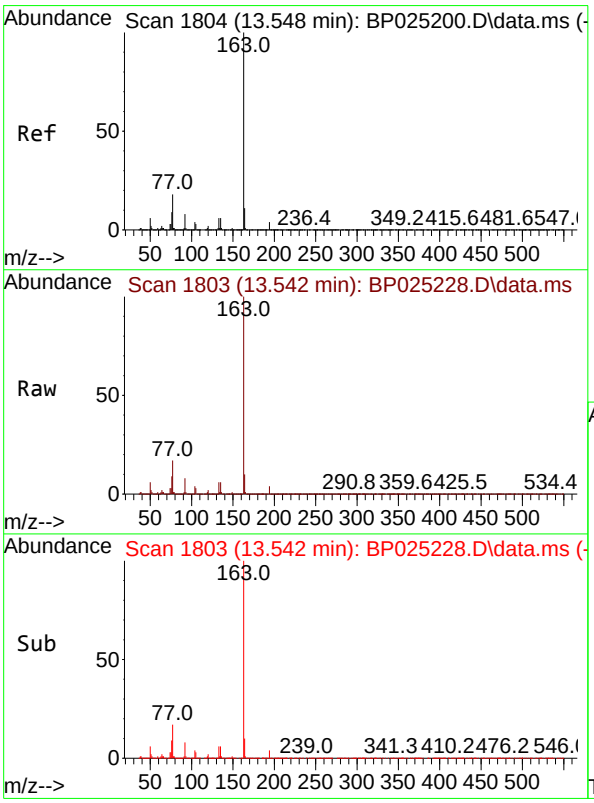
#49
Acenaphthylene
Concen: 40.627 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 5069233

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.6	15.8

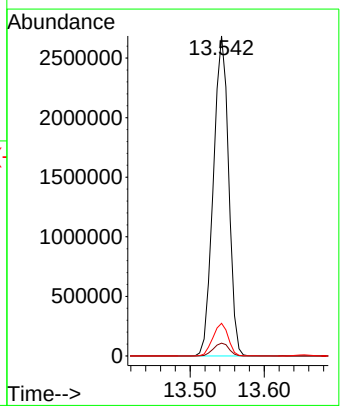


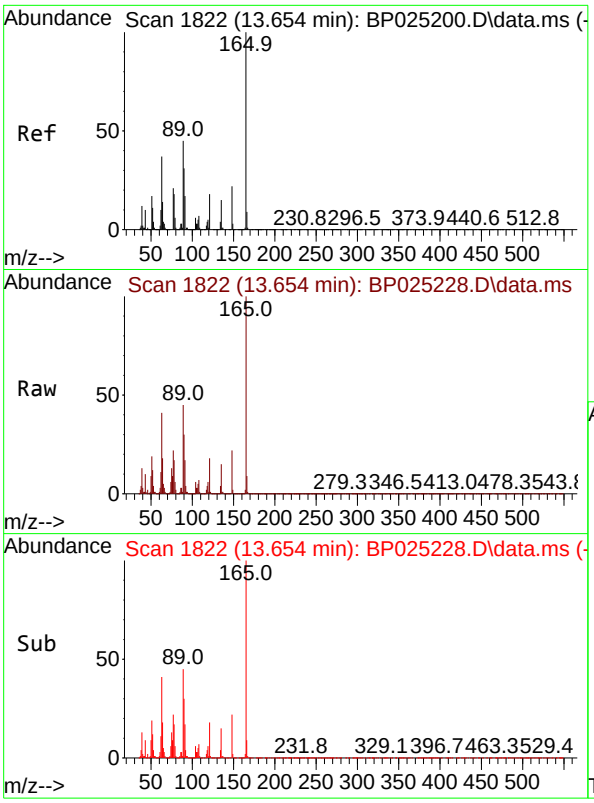


#50
Dimethylphthalate
Concen: 39.404 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:163 Resp: 3841185

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7



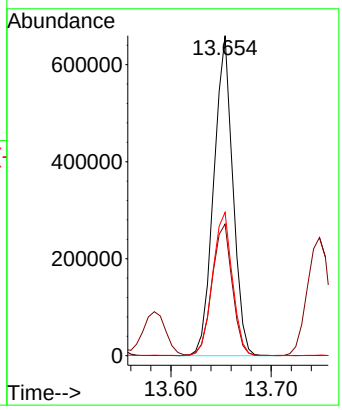


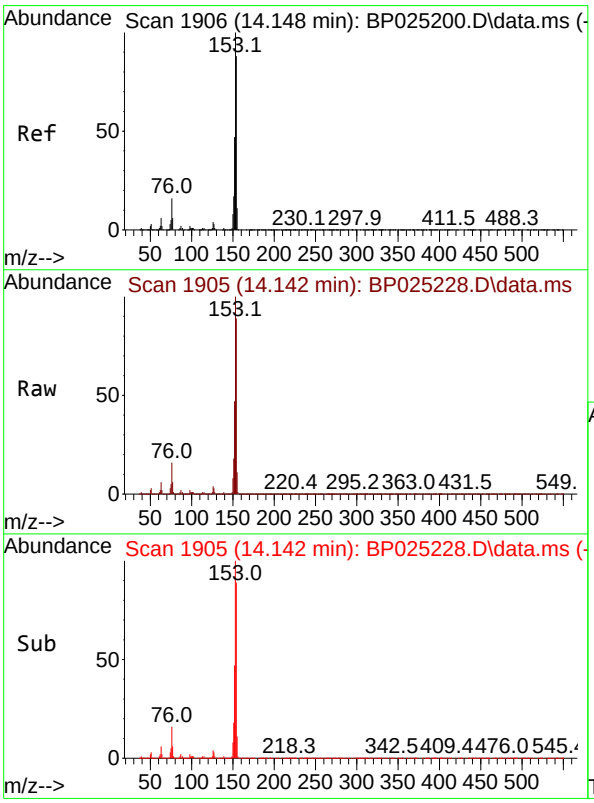
#51
2,6-Dinitrotoluene
Concen: 41.051 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 869516

Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.4	50.2
89	44.8	36.3	54.5

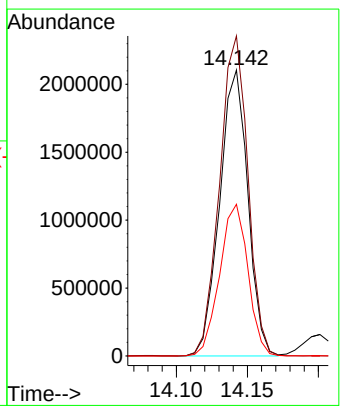


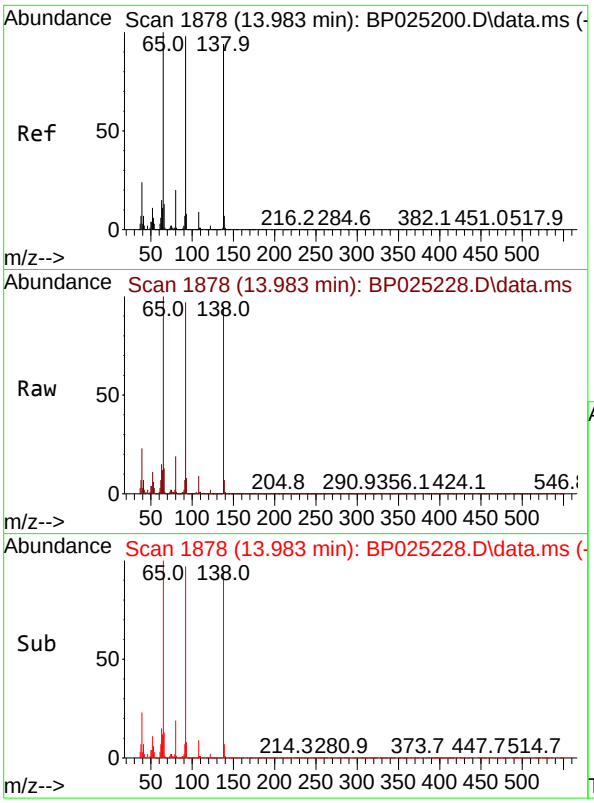


#52
Acenaphthene
Concen: 40.271 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 2905616

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.7	136.1
152	53.0	42.9	64.3



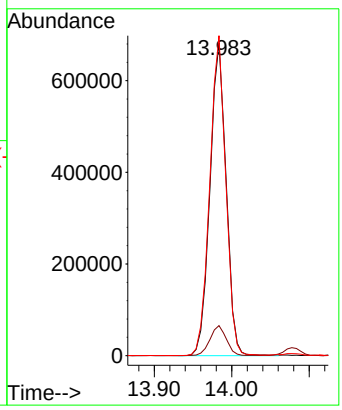


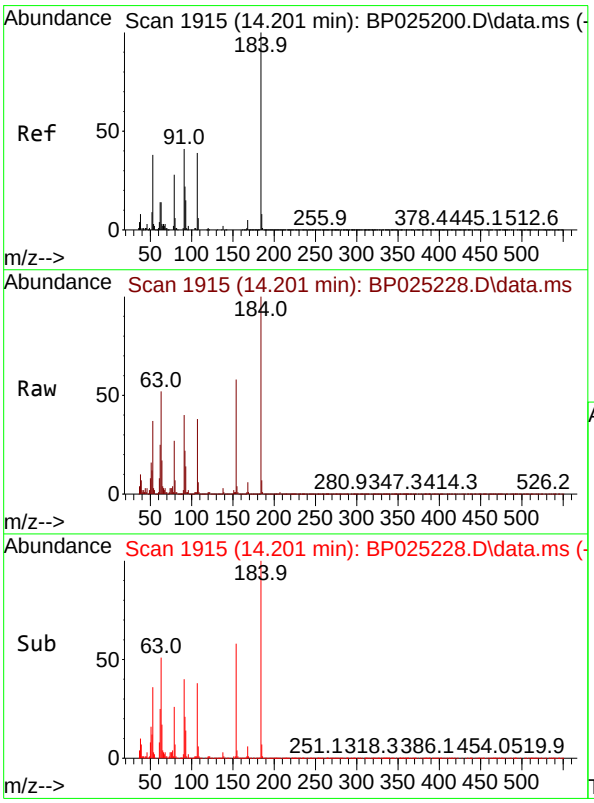
#53
3-Nitroaniline
Concen: 41.445 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 989939

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	102.3	83.2	124.8

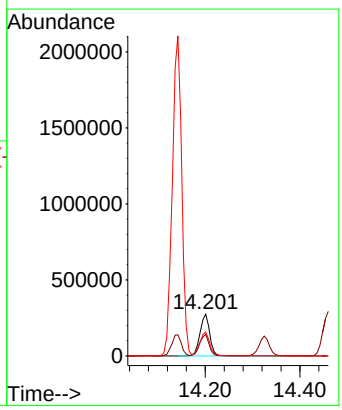


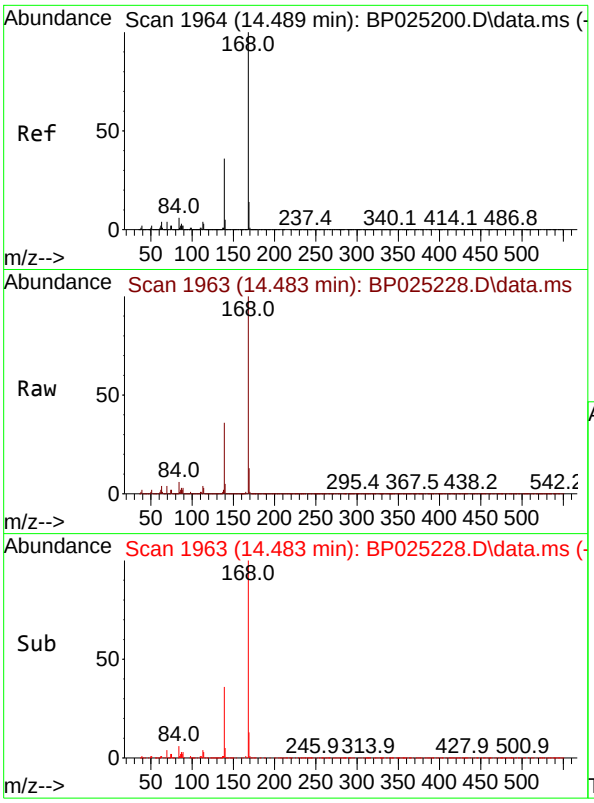


#54
2,4-Dinitrophenol
Concen: 30.972 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:184 Resp: 388691

Ion	Ratio	Lower	Upper
184	100		
63	51.5	41.8	62.8
154	57.6	45.7	68.5



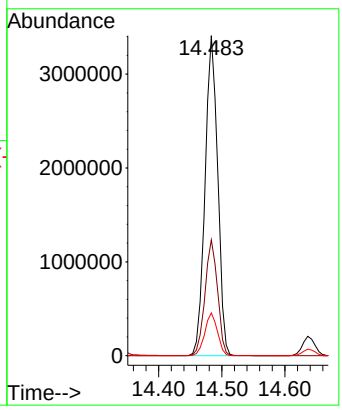


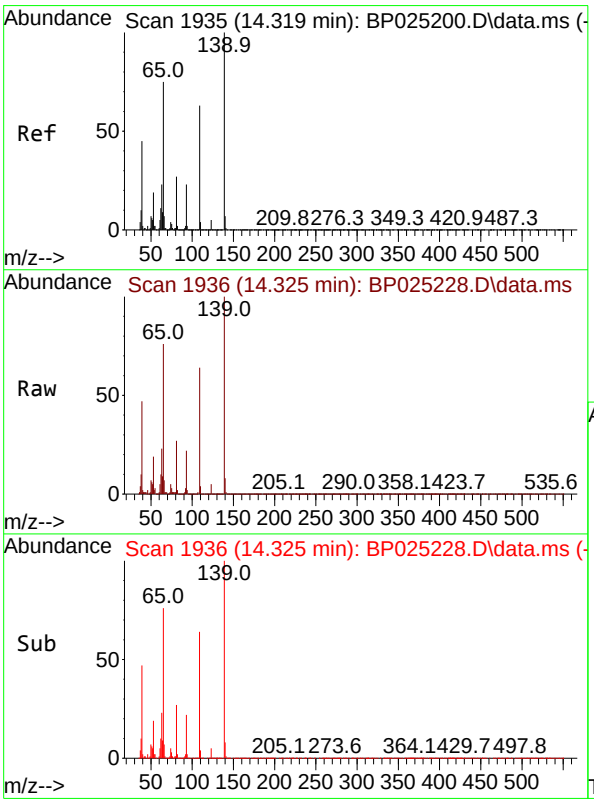
#55
Dibenzofuran
Concen: 40.773 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 4751994

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.7	43.1
169	13.3	10.9	16.3

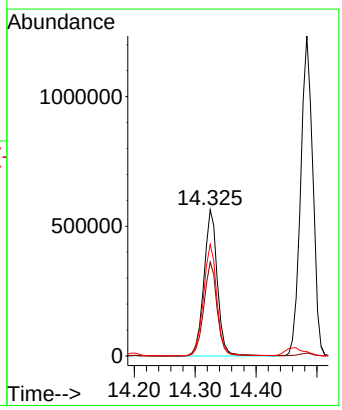


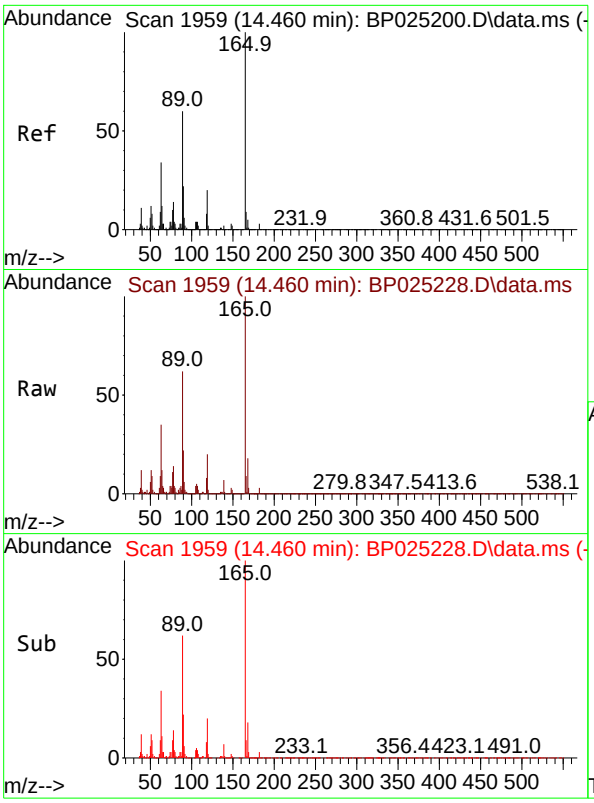


#56
4-Nitrophenol
Concen: 42.223 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 863006

Ion	Ratio	Lower	Upper
139	100		
109	64.2	42.6	82.6
65	76.2	55.4	95.4



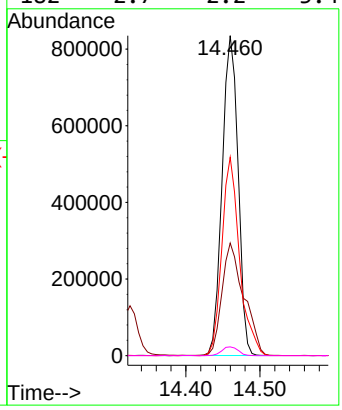


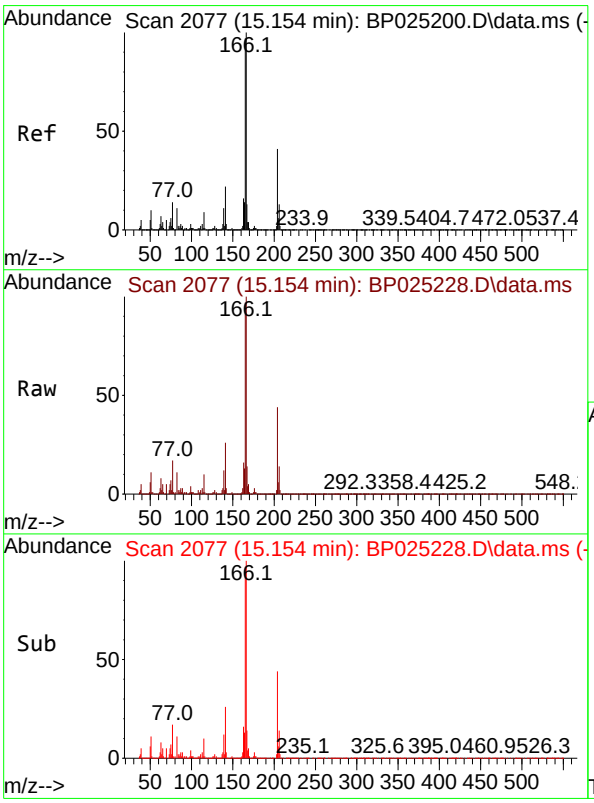
#57
2,4-Dinitrotoluene
Concen: 42.047 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 1246666

Ion	Ratio	Lower	Upper
165	100		
63	35.2	27.0	40.4
89	62.0	47.8	71.6
182	2.7	2.2	3.4

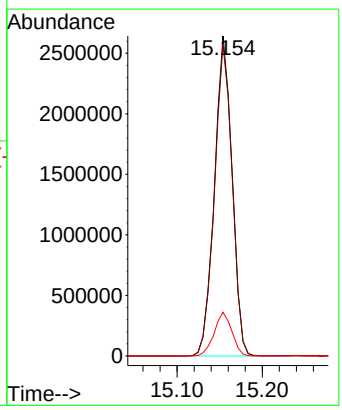


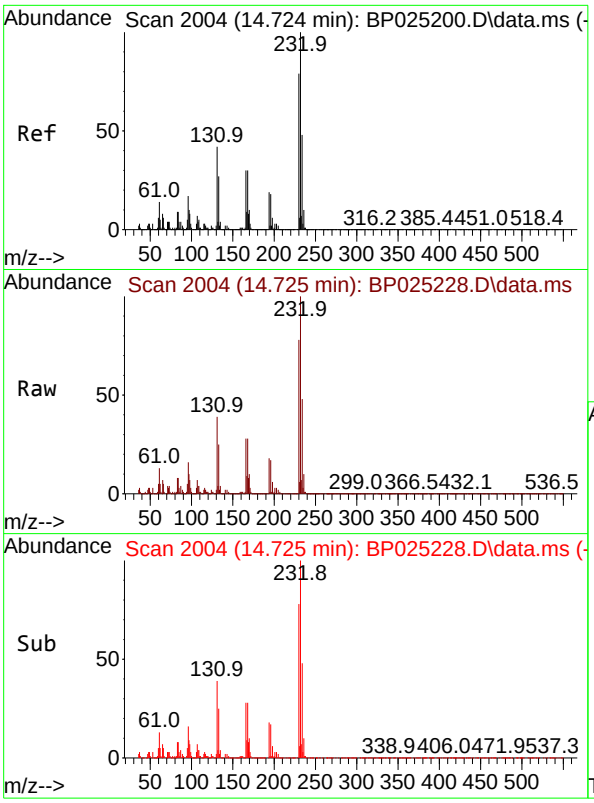


#58
Fluorene
Concen: 41.137 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:166 Resp: 3806233

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.7	10.7	16.1



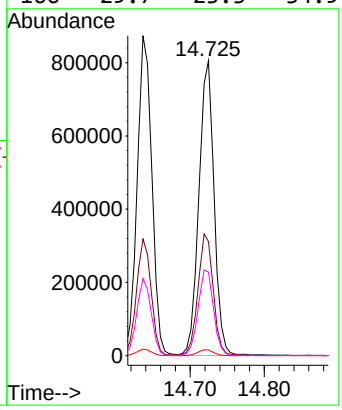


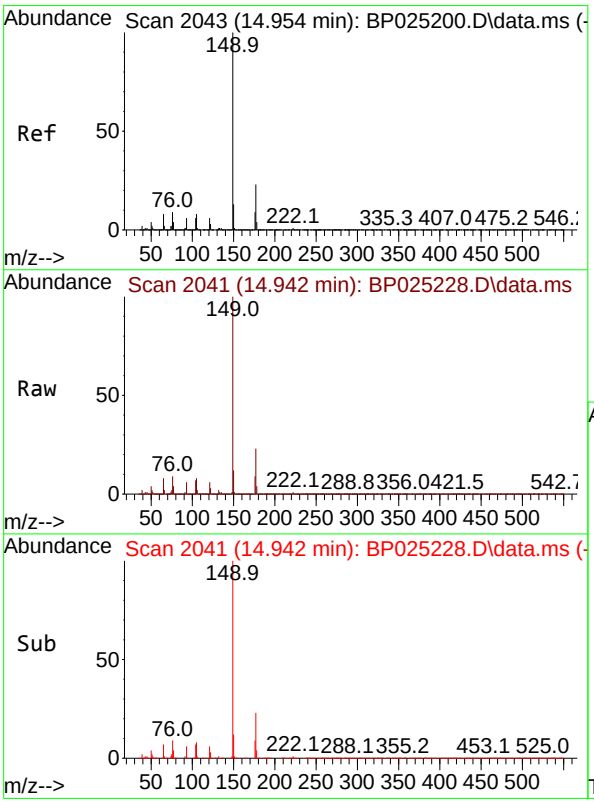
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.296 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 1149936

Ion	Ratio	Lower	Upper
232	100		
131	41.2	32.6	48.8
130	2.1	1.6	2.4
166	29.7	23.3	34.9

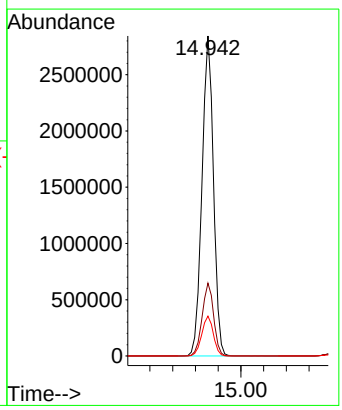


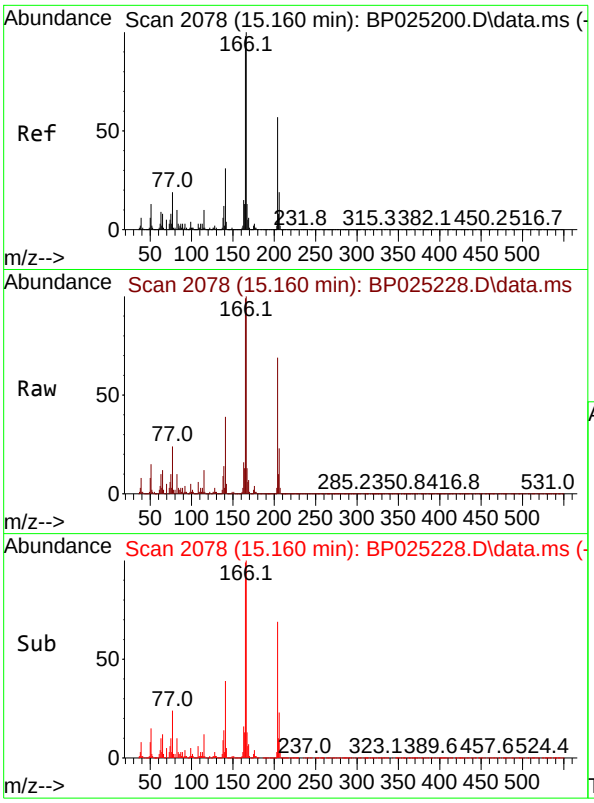


#60
Diethylphthalate
Concen: 41.387 ng
RT: 14.942 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3976402

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.5	10.0	15.0



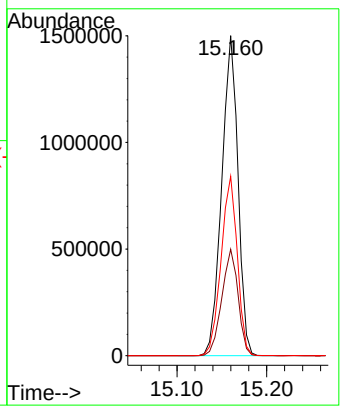


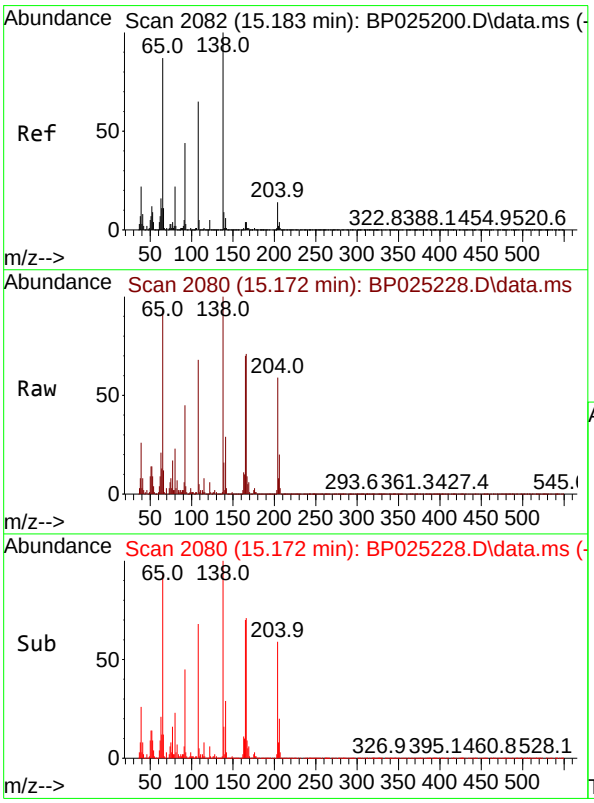
#61
4-Chlorophenyl-phenylether
Concen: 40.260 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1882300

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	56.1	43.0	64.6

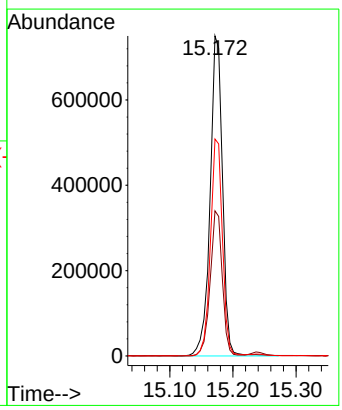


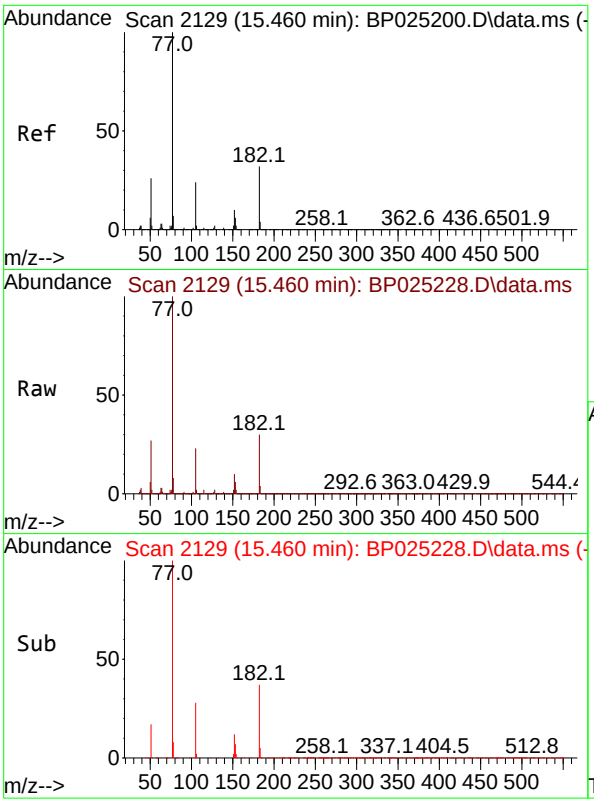


#62
4-Nitroaniline
Concen: 42.134 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:138 Resp: 1023508

Ion	Ratio	Lower	Upper
138	100		
92	45.3	24.0	64.0
108	67.8	44.9	84.9



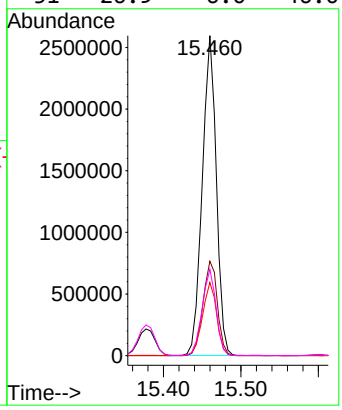


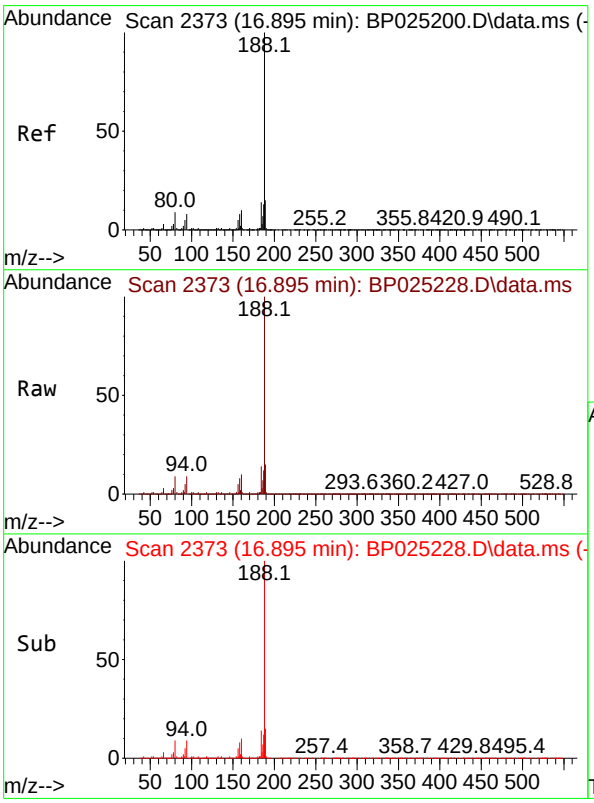
#63
Azobenzene
Concen: 41.714 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 3266015

Ion	Ratio	Lower	Upper
77	100		
182	29.5	12.0	52.0
105	22.9	3.6	43.6
51	26.9	6.0	46.0

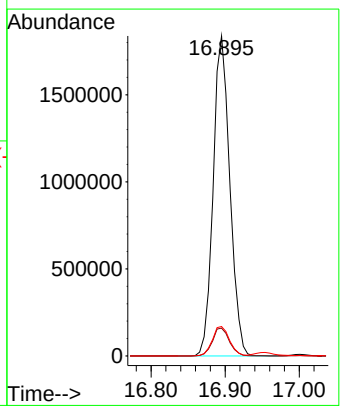


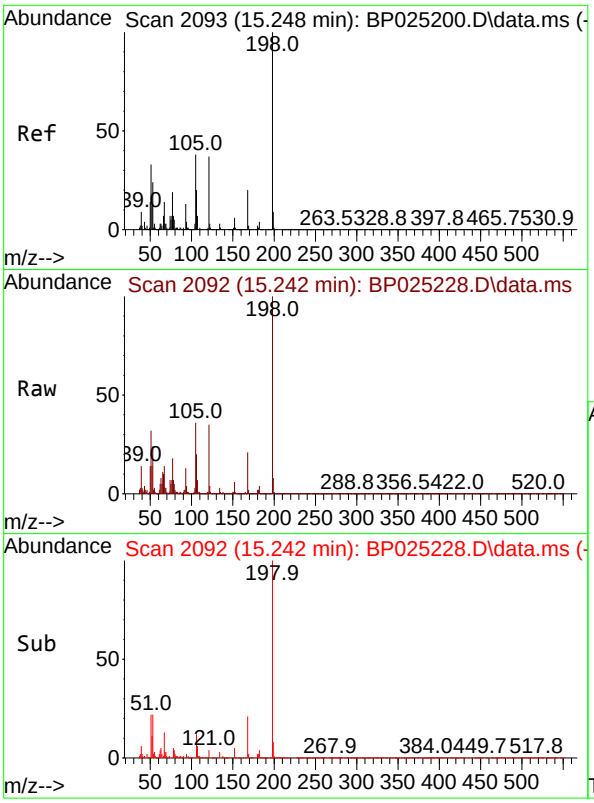


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:188 Resp: 2867783

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.2	7.3	10.9



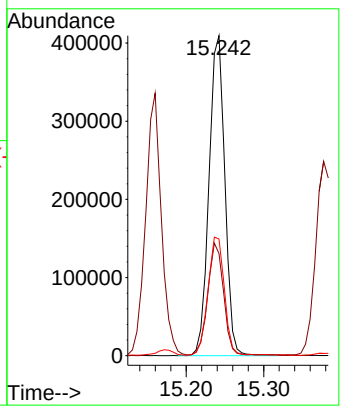


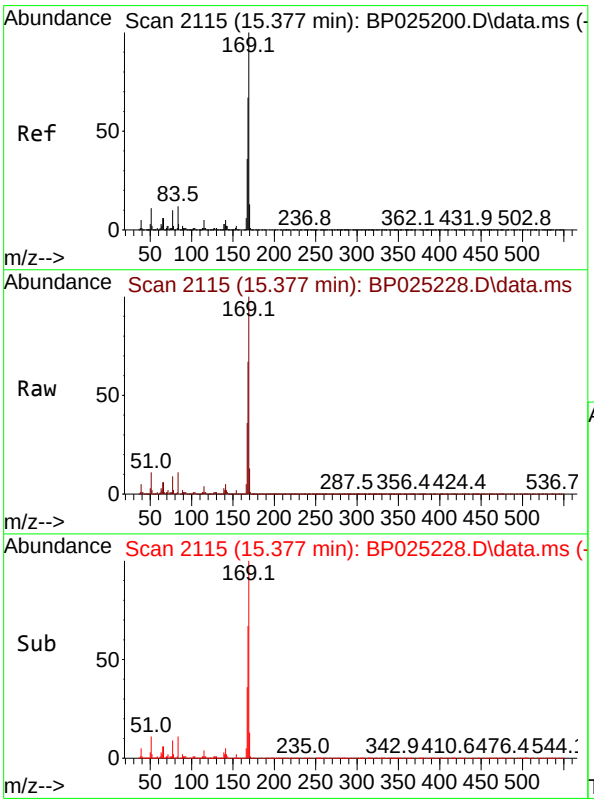
#65
4,6-Dinitro-2-methylphenol
Concen: 31.439 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 581859

Ion	Ratio	Lower	Upper
198	100		
51	31.9	14.6	54.6
105	36.5	18.3	58.3

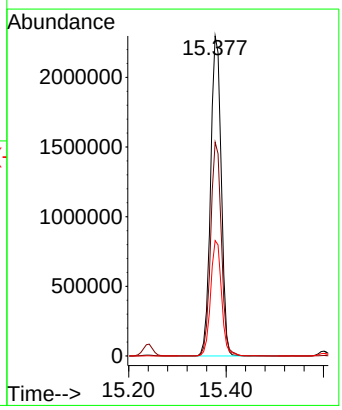


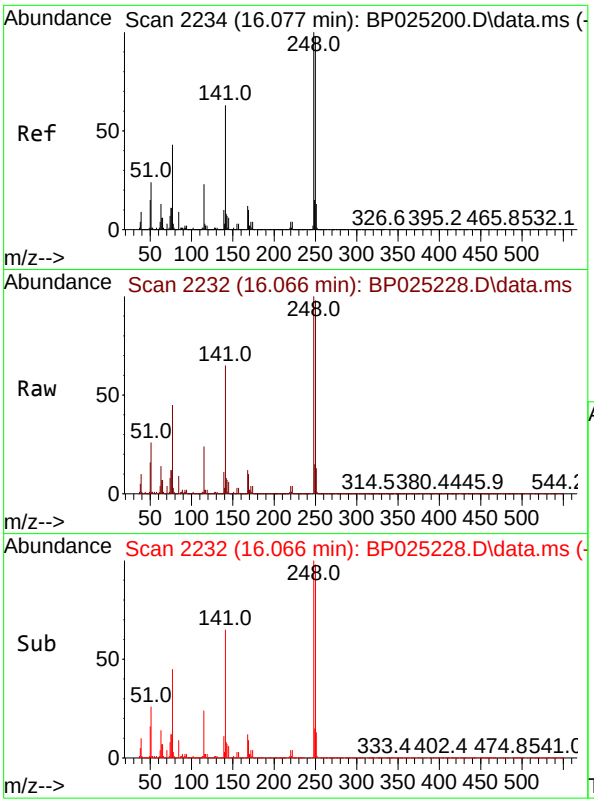


#66
n-Nitrosodiphenylamine
Concen: 39.689 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:169 Resp: 3454679

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.7	80.5
167	36.1	29.0	43.6



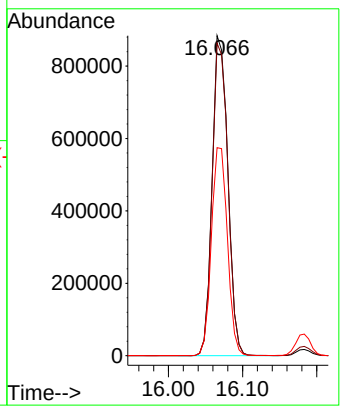


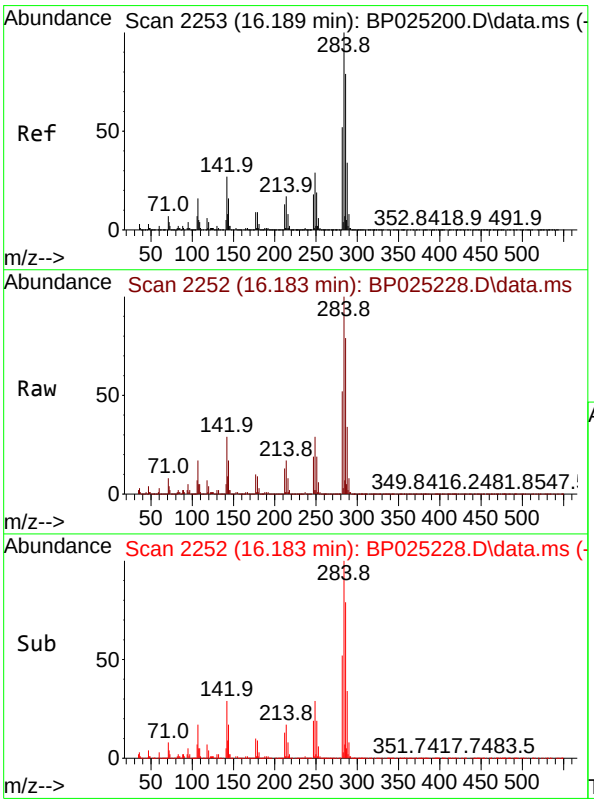
#67
4-Bromophenyl-phenylether
Concen: 38.788 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 1298184

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.5	117.7
141	65.0	50.5	75.7

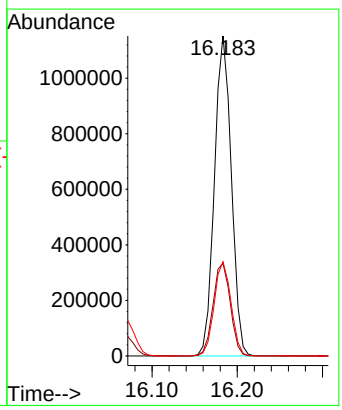


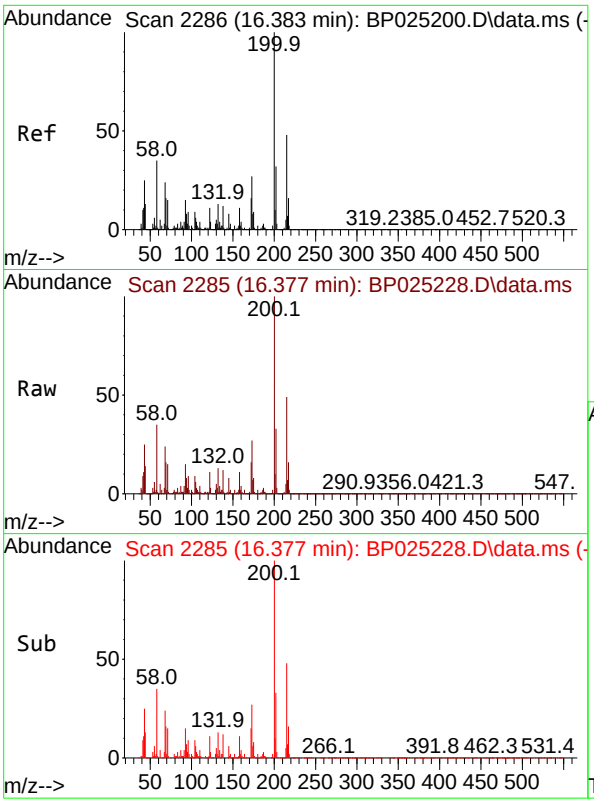


#68
Hexachlorobenzene
Concen: 39.880 ng
RT: 16.183 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:284 Resp: 1585091

Ion	Ratio	Lower	Upper
284	100		
142	29.0	21.5	32.3
249	29.4	23.4	35.0



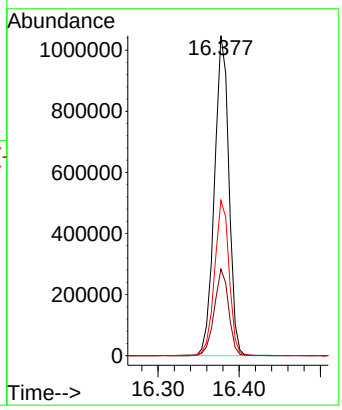


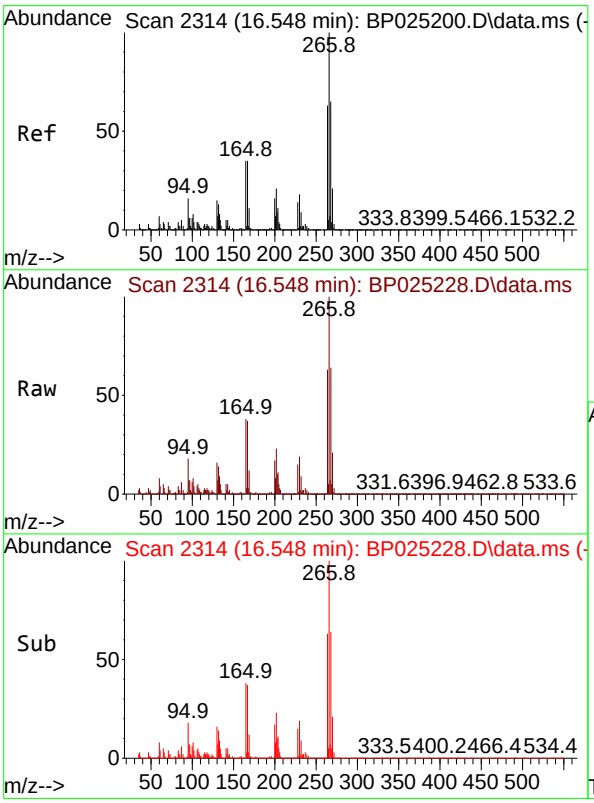
#69
Atrazine
Concen: 40.212 ng
RT: 16.377 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 1295226

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.4	47.4
215	48.5	28.5	68.5

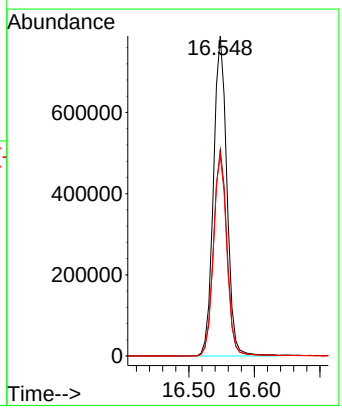


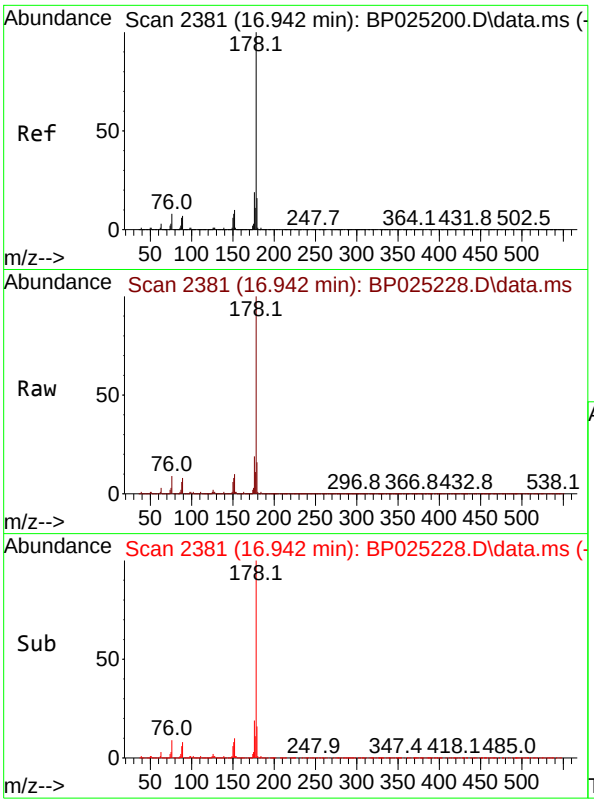


#70
Pentachlorophenol
Concen: 41.397 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:266 Resp: 1118886

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.8	77.6
264	62.5	50.3	75.5



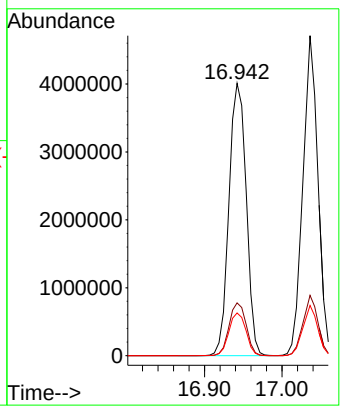


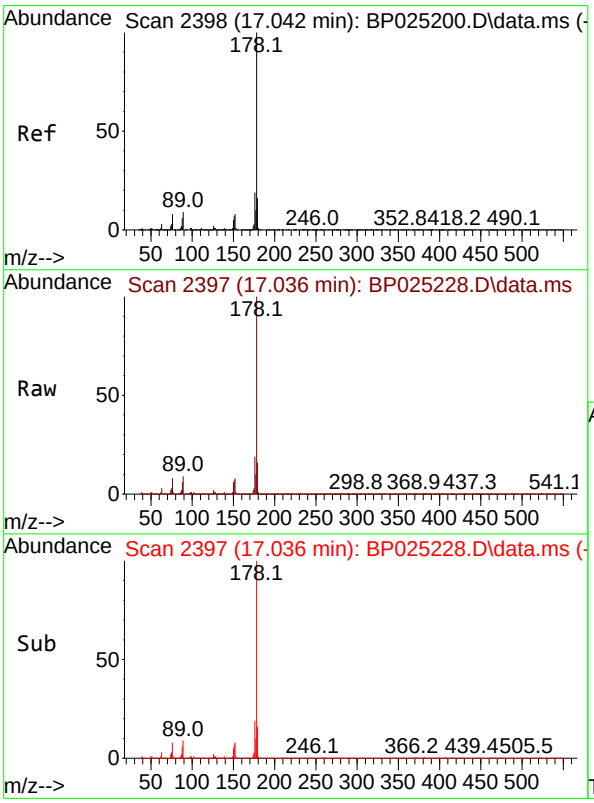
#71
Phenanthrene
Concen: 40.193 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 6216763

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.5	18.7

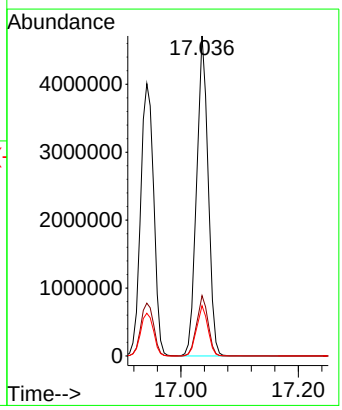


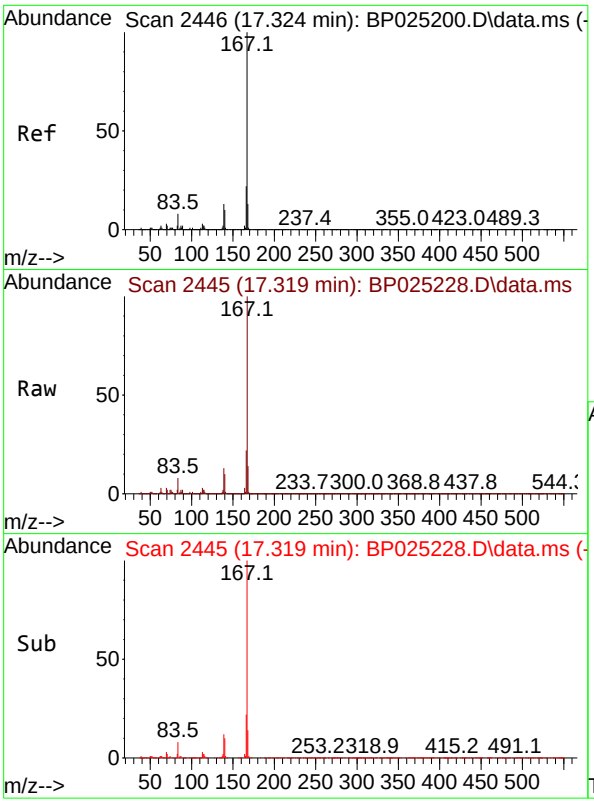


#72
Anthracene
Concen: 41.055 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:178 Resp: 6397046

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.5	18.7



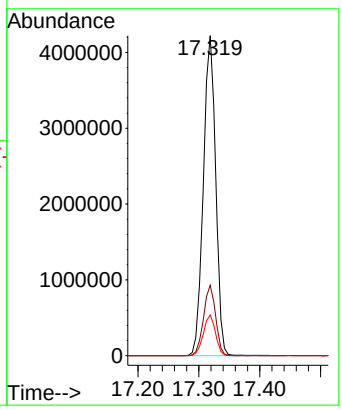


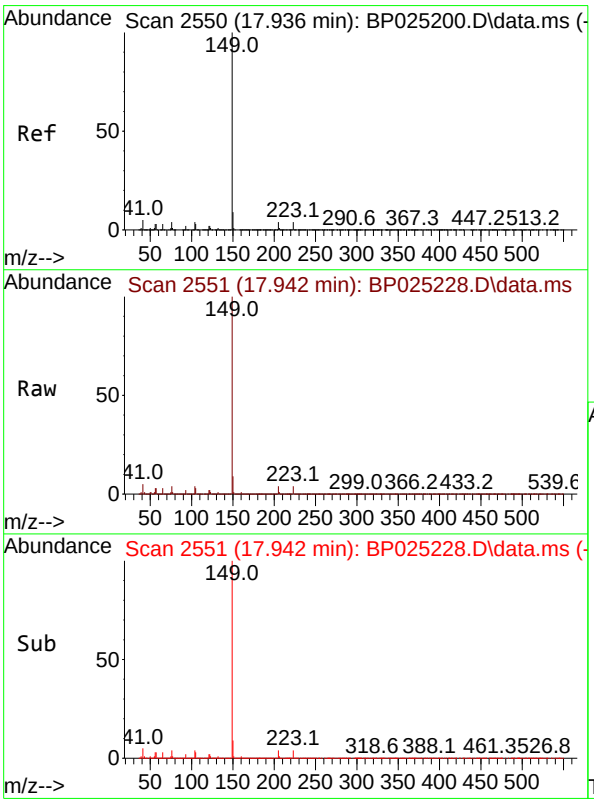
#73
Carbazole
Concen: 39.986 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 5947679

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	12.7	10.1	15.1

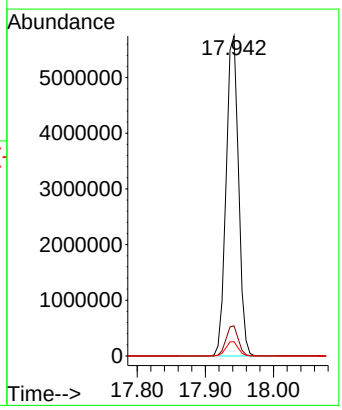


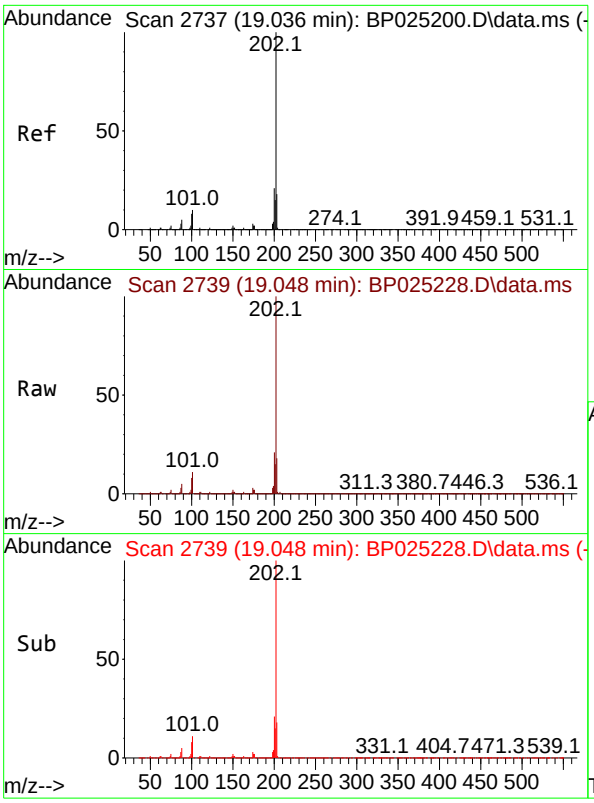


#74
Di-n-butylphthalate
Concen: 42.462 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 7287726

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.5	3.5	5.3



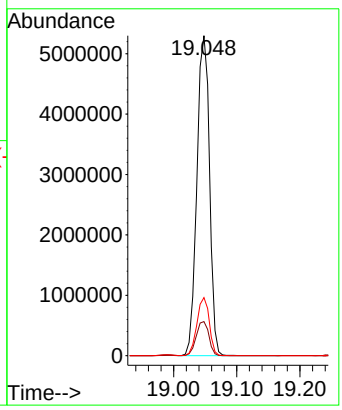


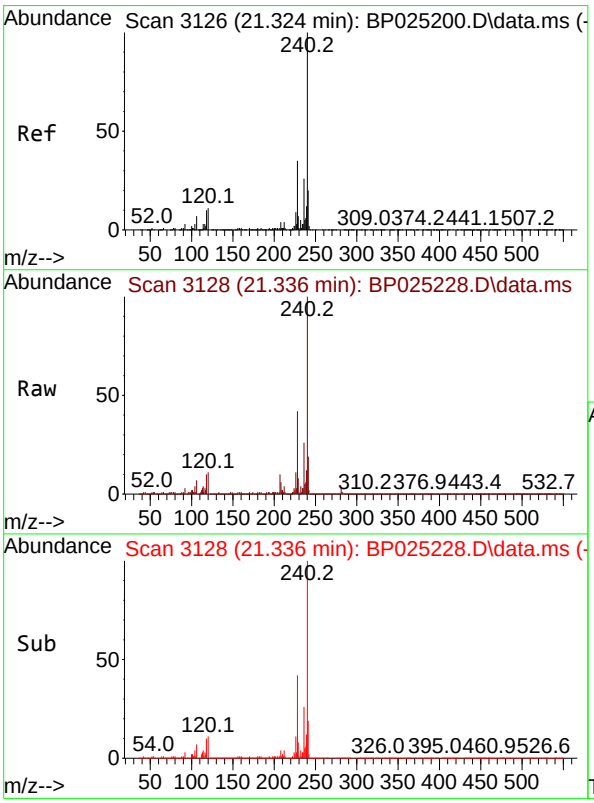
#75
Fluoranthene
Concen: 40.231 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 7323528

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	18.1	0.0	38.0

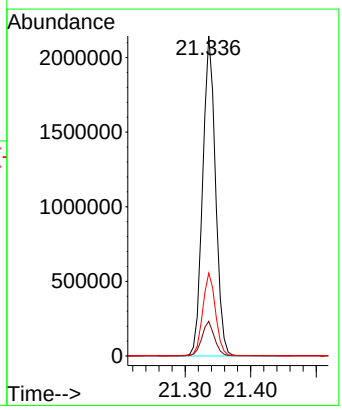


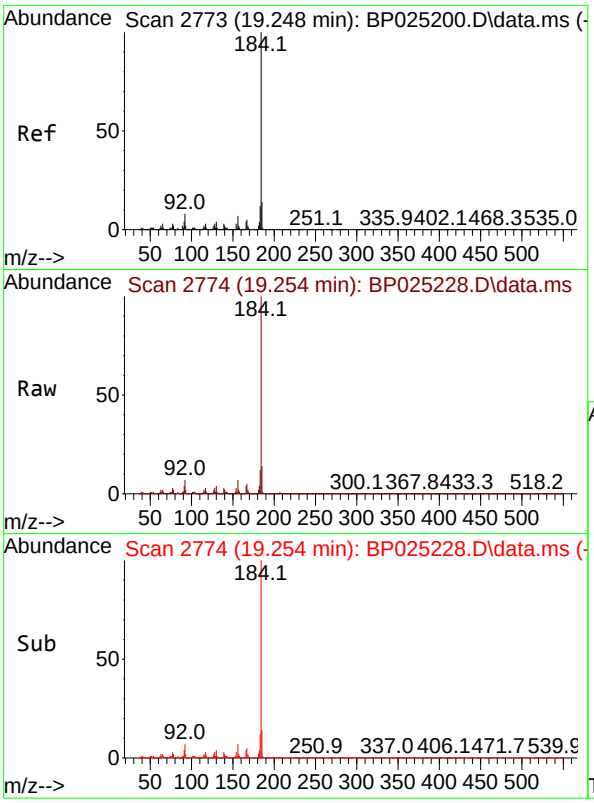


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:240 Resp: 2918399

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	25.9	20.9	31.3



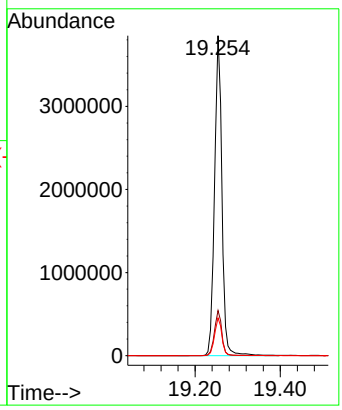


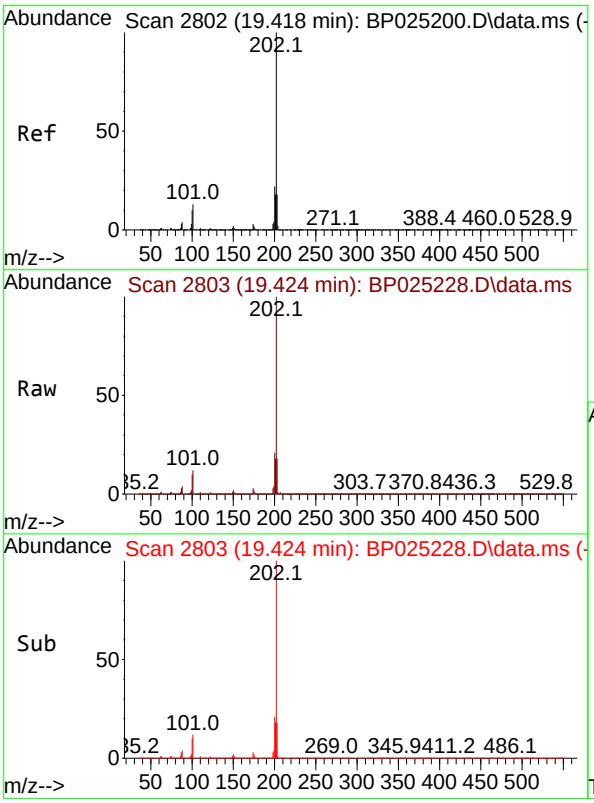
#77
Benzidine
Concen: 45.096 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 4620449

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.8	9.6	14.4

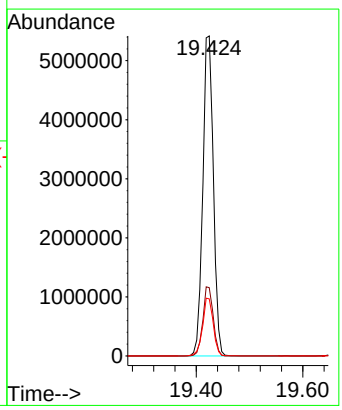


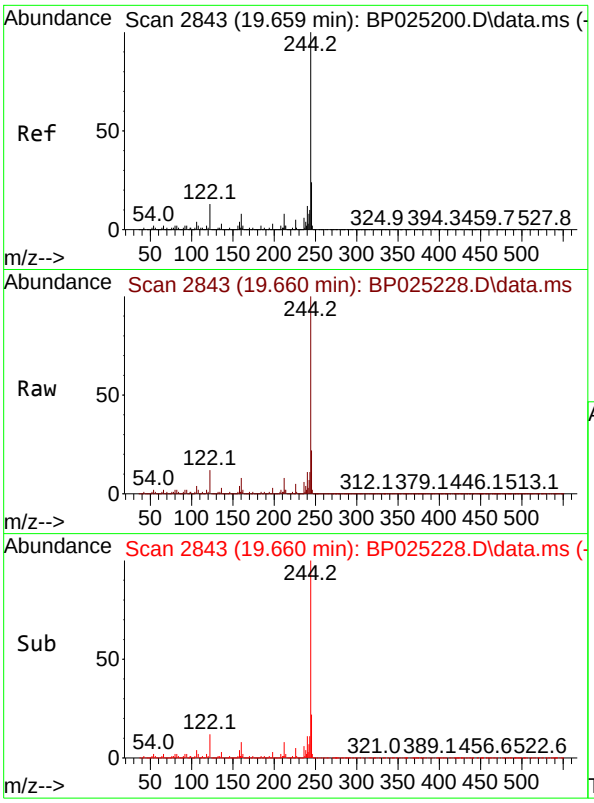


#78
Pyrene
Concen: 41.413 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:202 Resp: 7452139

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5



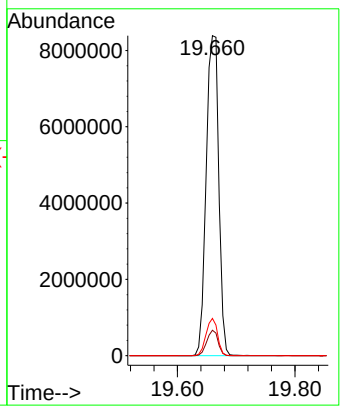


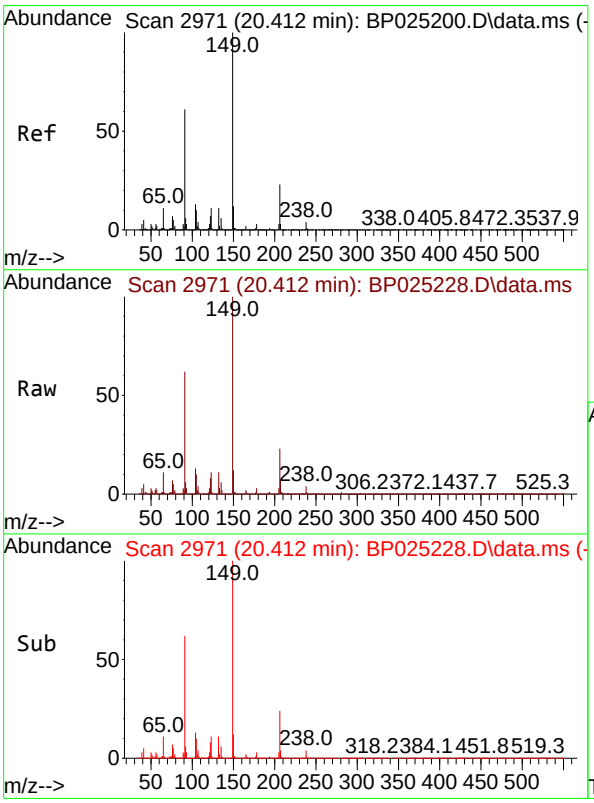
#79
Terphenyl-d14
Concen: 84.502 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:12492781

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	11.6	10.3	15.5

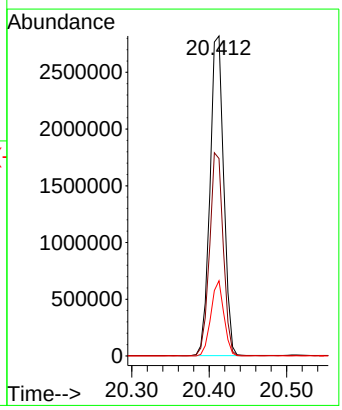


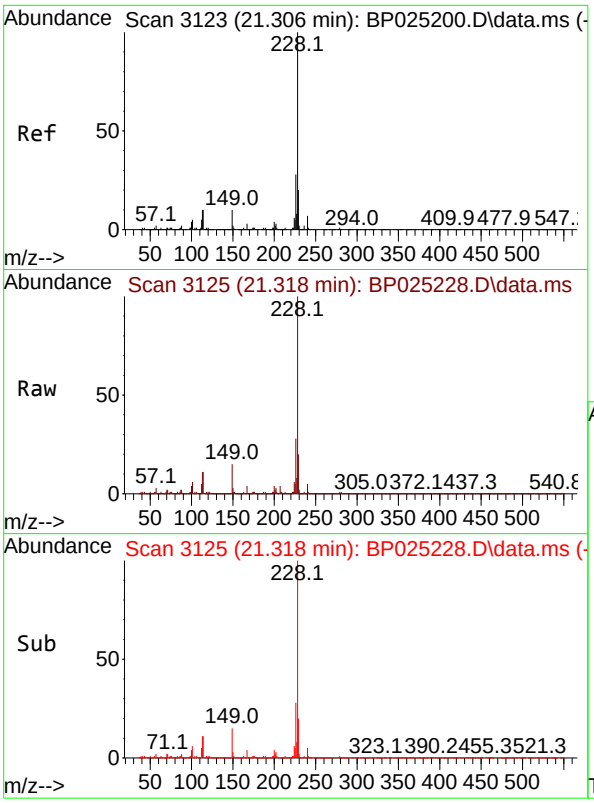


#80
Butylbenzylphthalate
Concen: 42.660 ng
RT: 20.412 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3474816

Ion	Ratio	Lower	Upper
149	100		
91	61.7	48.8	73.2
206	23.5	18.4	27.6



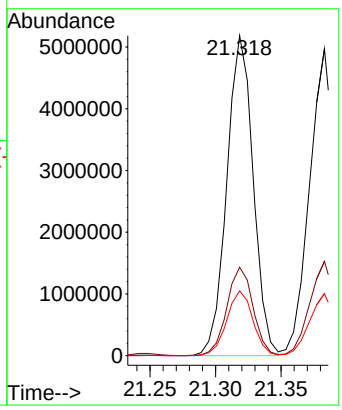


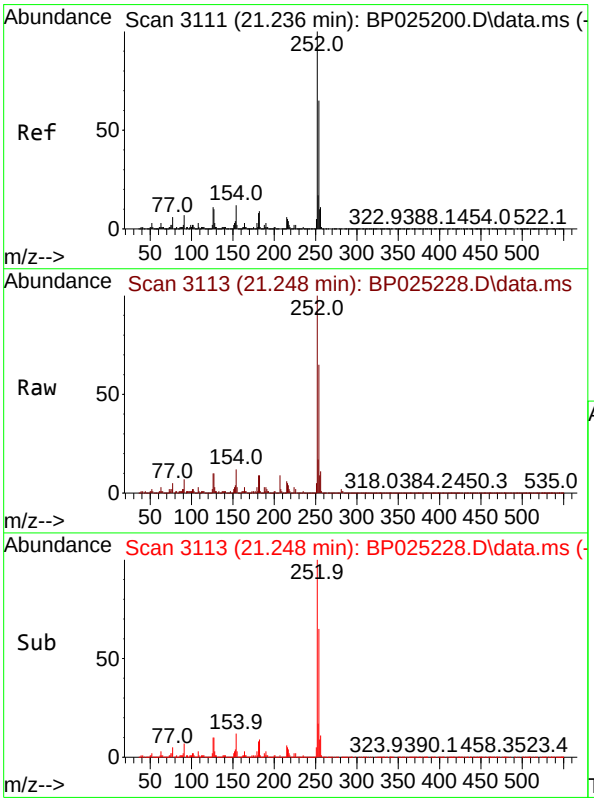
#81
Benzo(a)anthracene
Concen: 39.386 ng
RT: 21.318 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 7258836

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.2	16.2	24.2

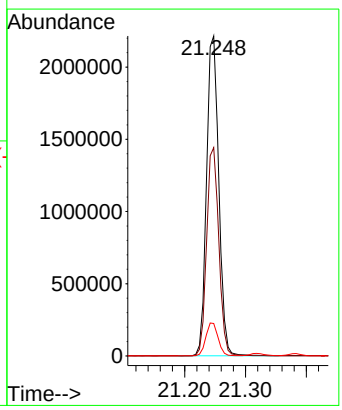


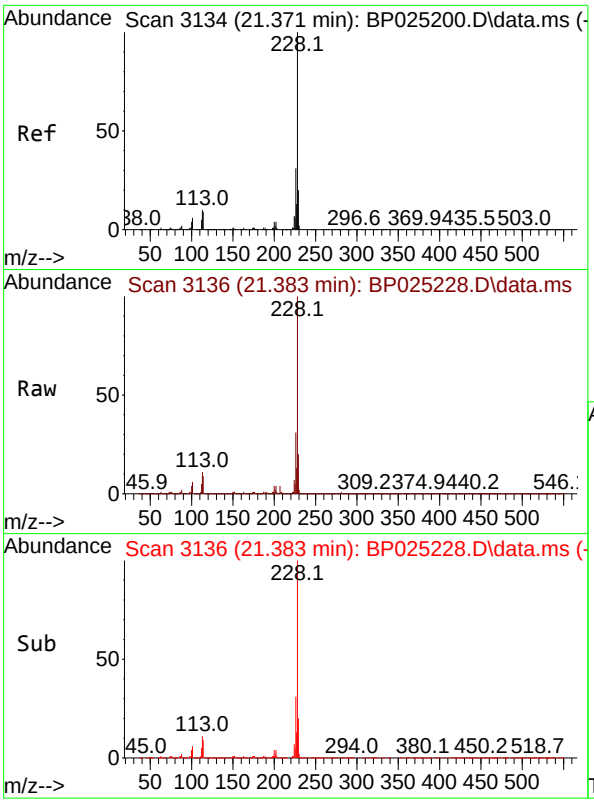


#82
3,3'-Dichlorobenzidine
Concen: 40.337 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 3081562

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.2	8.6	12.8



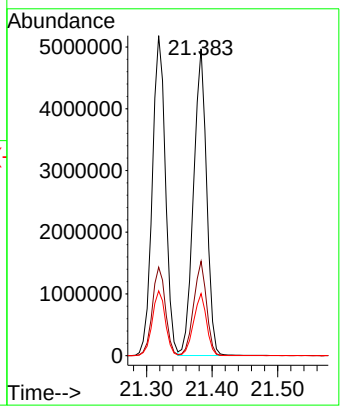


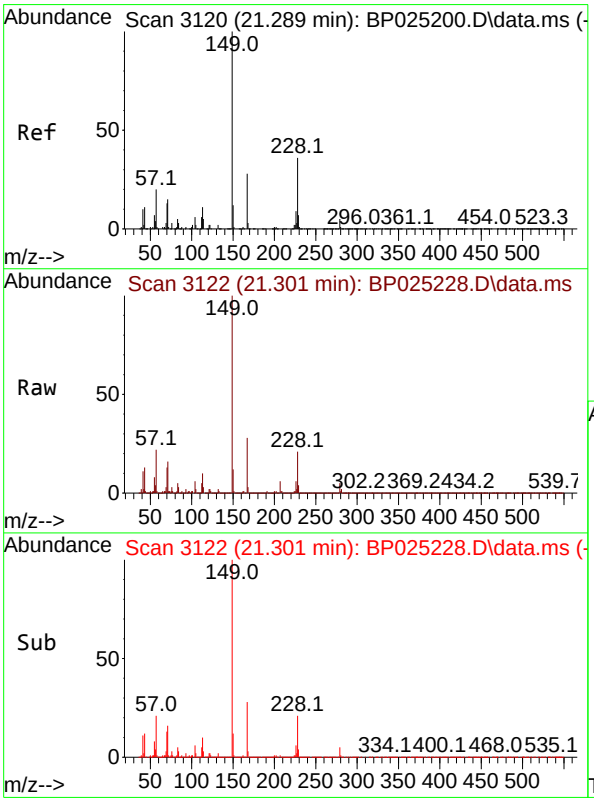
#83
Chrysene
Concen: 40.130 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 6904059

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.2	16.0	24.0

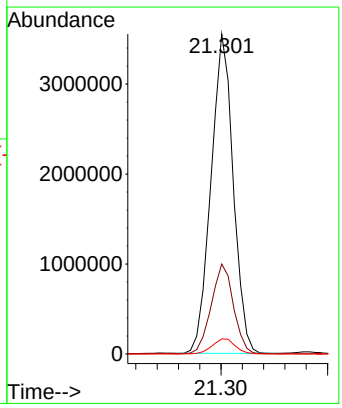


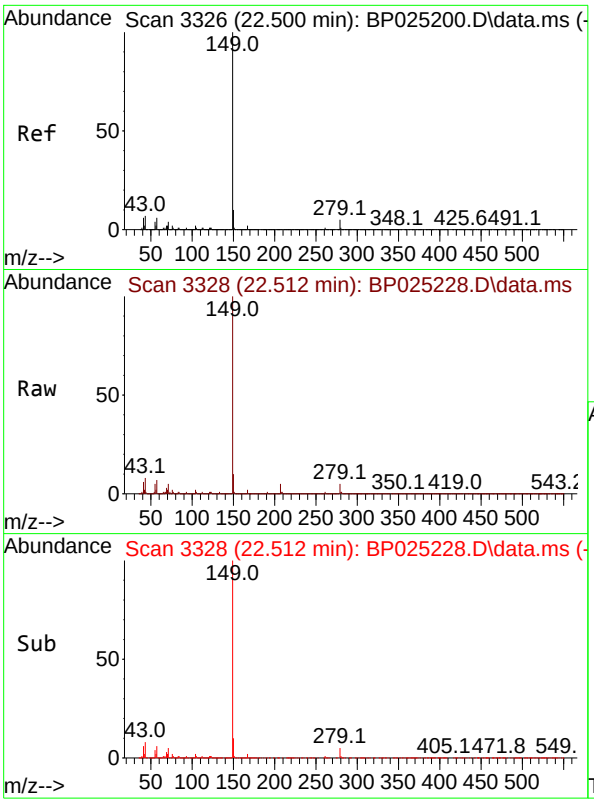


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.060 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 5131749

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	4.7	4.0	6.0



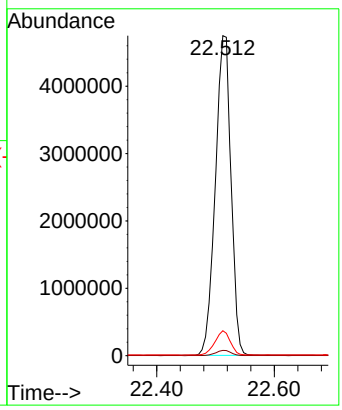


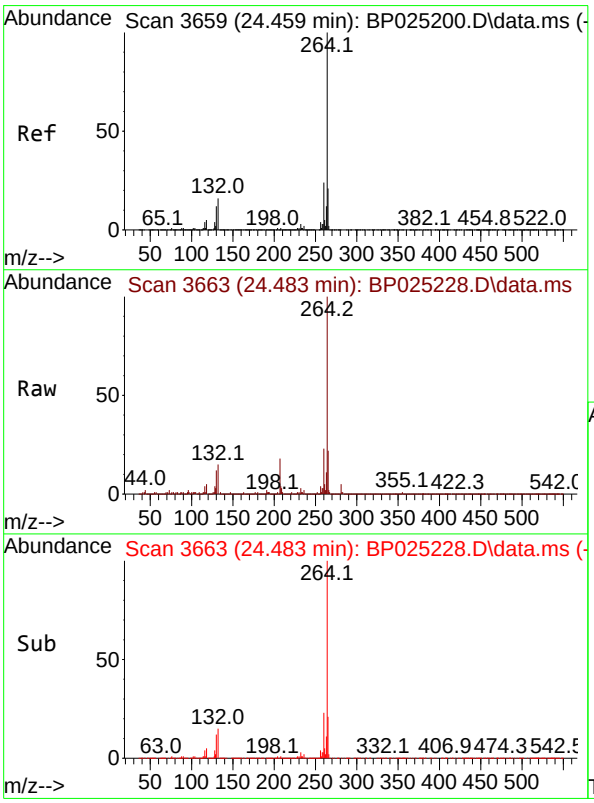
#85
Di-n-octyl phthalate
Concen: 43.487 ng
RT: 22.512 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 8746357

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

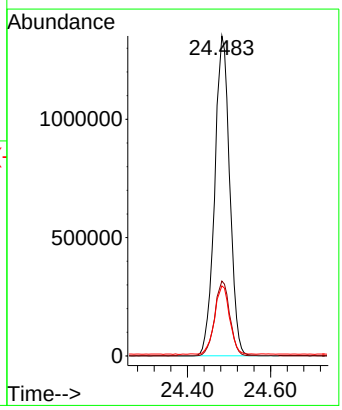


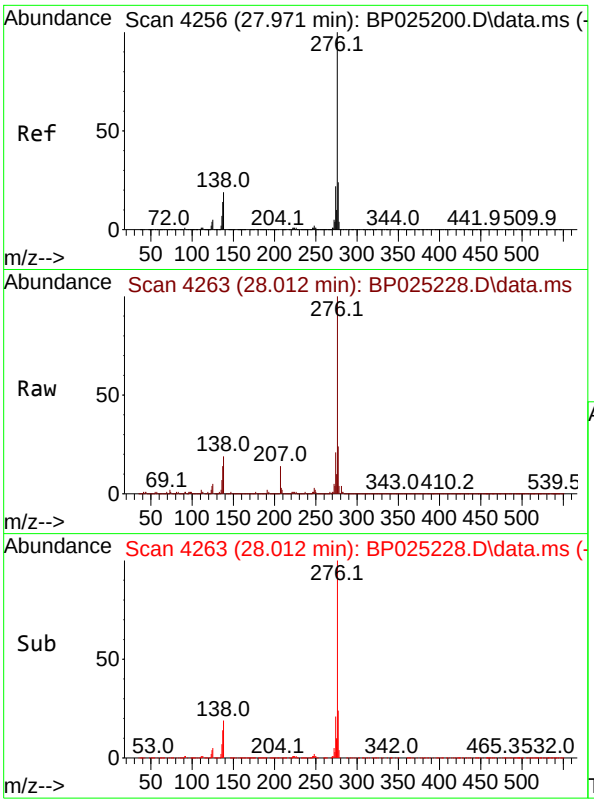


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:264 Resp: 3385440

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.9	17.5	26.3



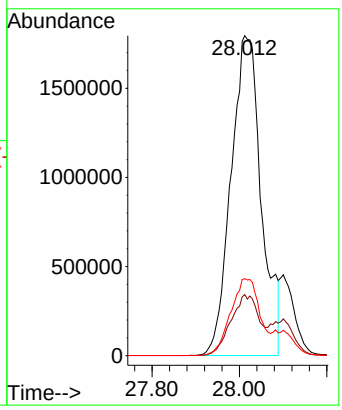


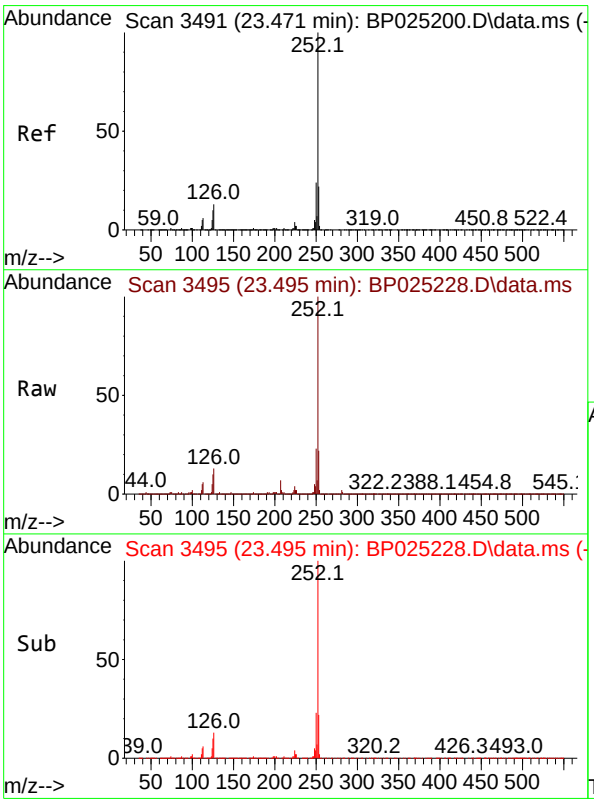
#87
Indeno(1,2,3-cd)pyrene
Concen: 34.887 ng
RT: 28.012 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 8630935

Ion	Ratio	Lower	Upper
276	100		
138	17.6	12.8	19.2
277	23.1	20.3	30.5

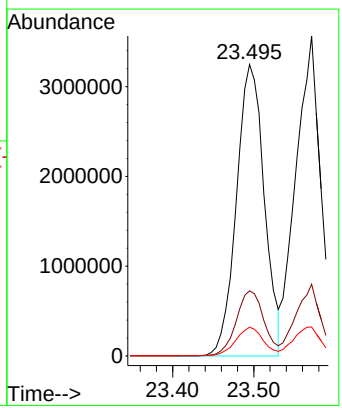


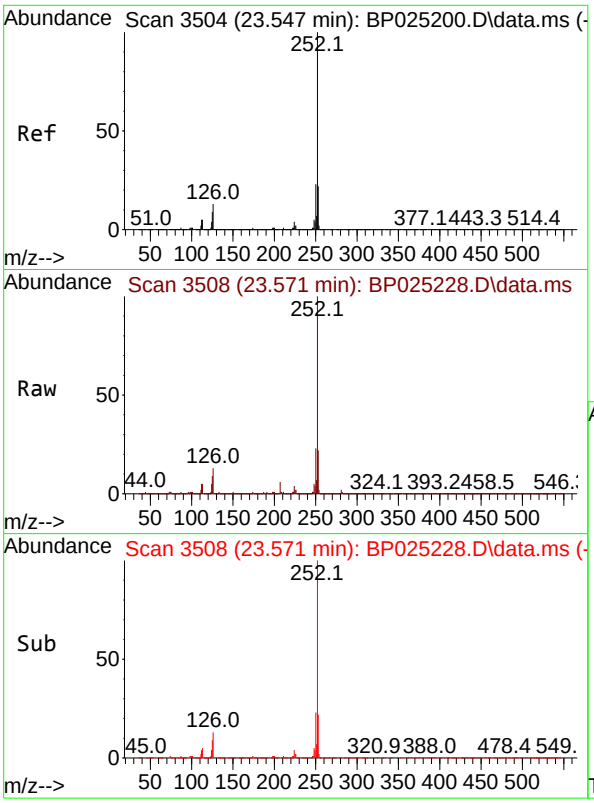


#88
Benzo(b)fluoranthene
Concen: 39.882 ng
RT: 23.495 min Scan# 3495
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7728646

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.9	7.8	11.8



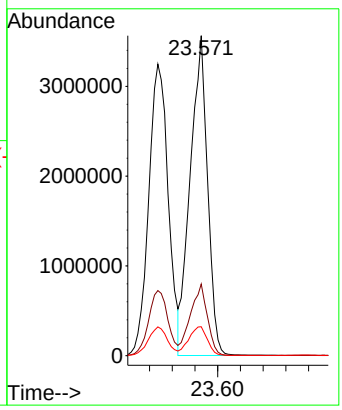


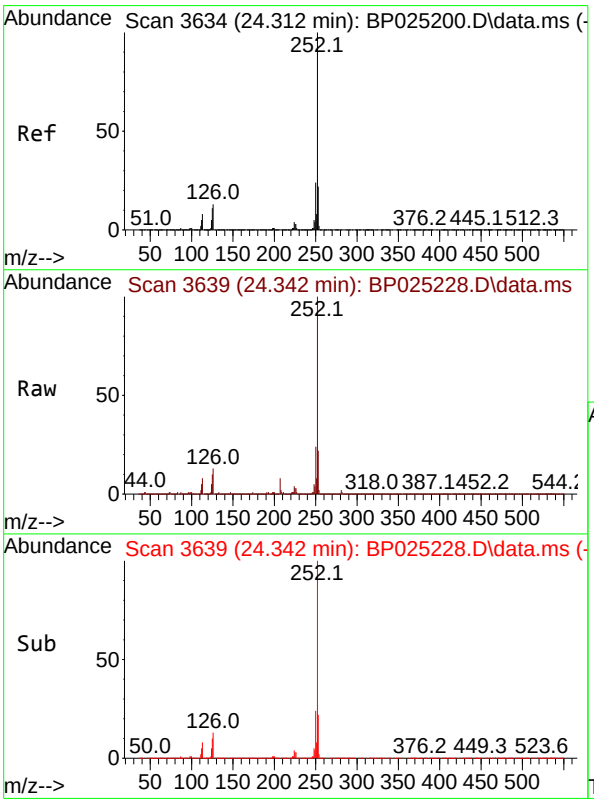
#89
Benzo(k)fluoranthene
Concen: 39.445 ng
RT: 23.571 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 7546215

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.1	7.5	11.3

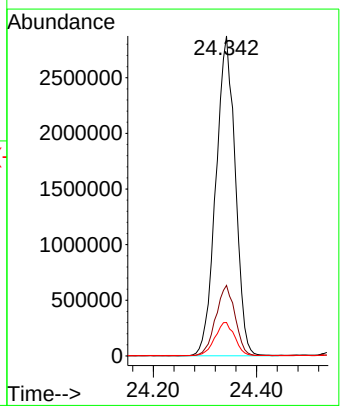


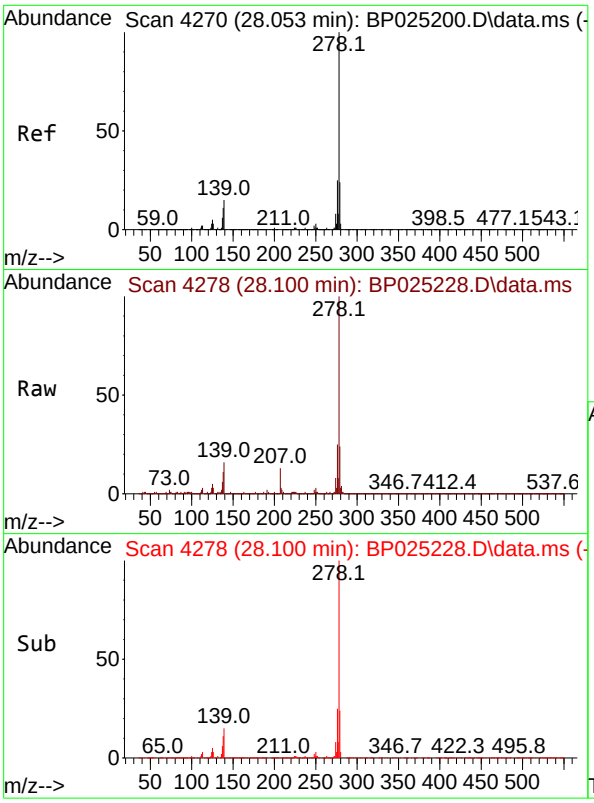


#90
Benzo(a)pyrene
Concen: 39.566 ng
RT: 24.342 min Scan# 3639
Delta R.T. 0.030 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7480970

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.5	8.6	12.8



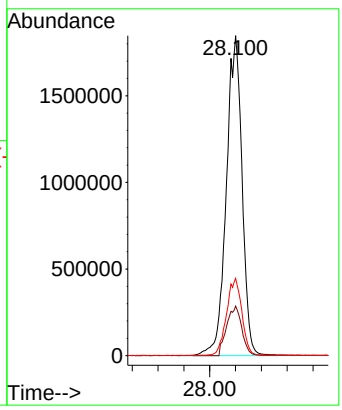


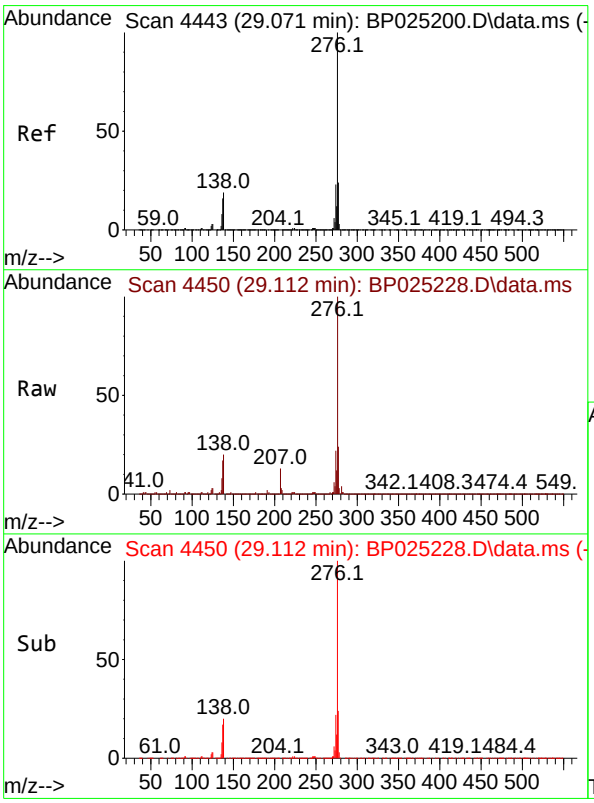
#91
Dibenzo(a,h)anthracene
Concen: 38.794 ng
RT: 28.100 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 7830236

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.0	18.0
279	24.2	19.5	29.3

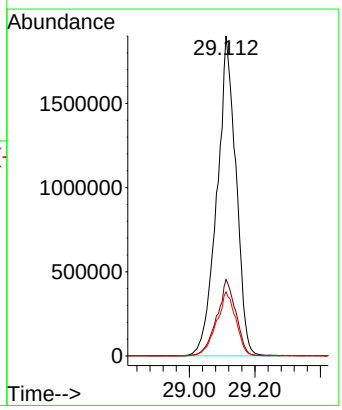




#92
Benzo(g,h,i)perylene
Concen: 38.429 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:276 Resp: 7622690

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	20.0	15.4	23.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

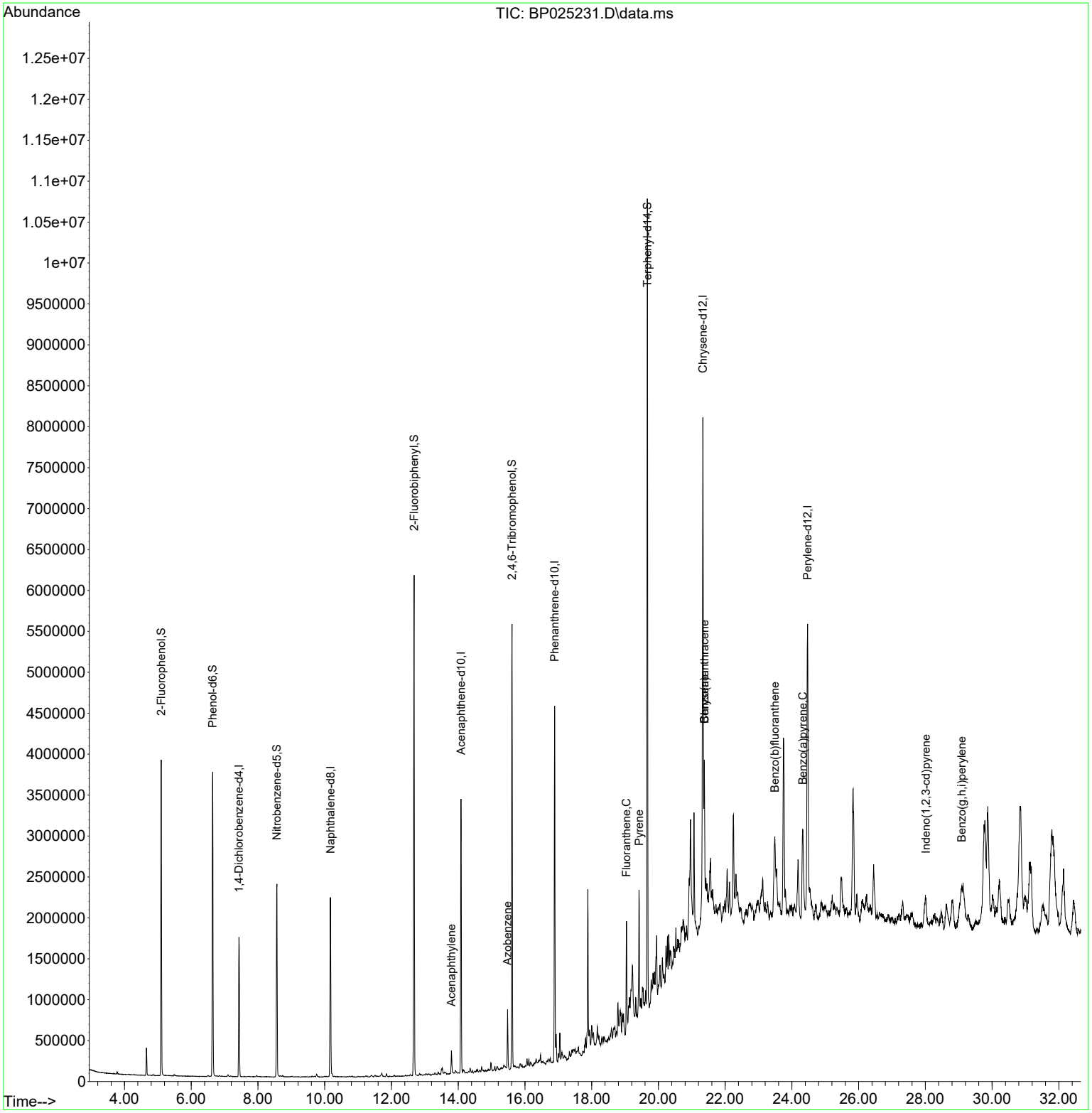
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	494228	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	1941060	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1257966	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	2582912	20.000	ng		0.00
76) Chrysene-d12	21.330	240	2791397	20.000	ng		0.00
86) Perylene-d12	24.471	264	3376004	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	1764143	60.312	ng		0.00
7) Phenol-d6	6.643	99	2224520	61.403	ng		0.00
23) Nitrobenzene-d5	8.566	82	1335924	38.248	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1165401	62.841	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	3319422	37.201	ng		0.00
79) Terphenyl-d14	19.672	244	5294842	37.444	ng		0.01
Target Compounds							Qvalue
49) Acenaphthylene	13.795	152	230422	2.001	ng		98
63) Azobenzene	15.478	77	179925	2.490	ng	#	1
75) Fluoranthene	19.042	202	836009	5.099	ng		99
78) Pyrene	19.419	202	1046767	6.082	ng		99
81) Benzo(a)anthracene	21.377	228	848599	4.814	ng		94
83) Chrysene	21.377	228	851749	5.176	ng		96
87) Indeno(1,2,3-cd)pyrene	28.012	276	694882	2.817	ng	#	97
88) Benzo(b)fluoranthene	23.489	252	1063768	5.505	ng	#	95
90) Benzo(a)pyrene	24.324	252	938955	4.980	ng		97
92) Benzo(g,h,i)perylene	29.089	276	697220	3.525	ng		97

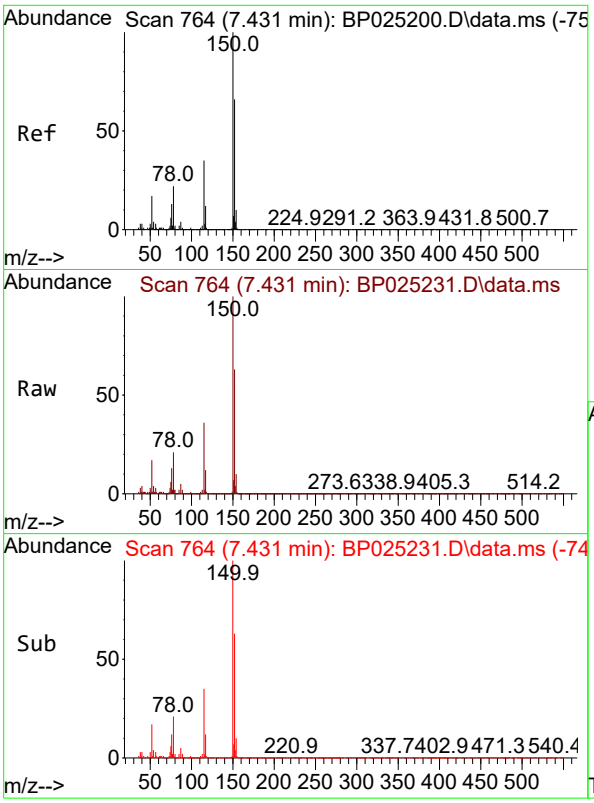
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



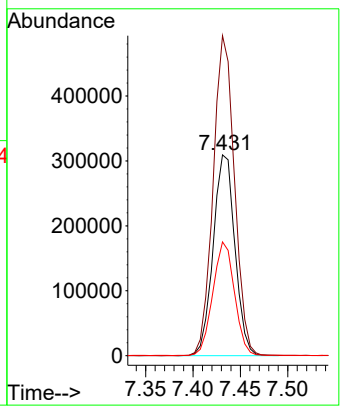


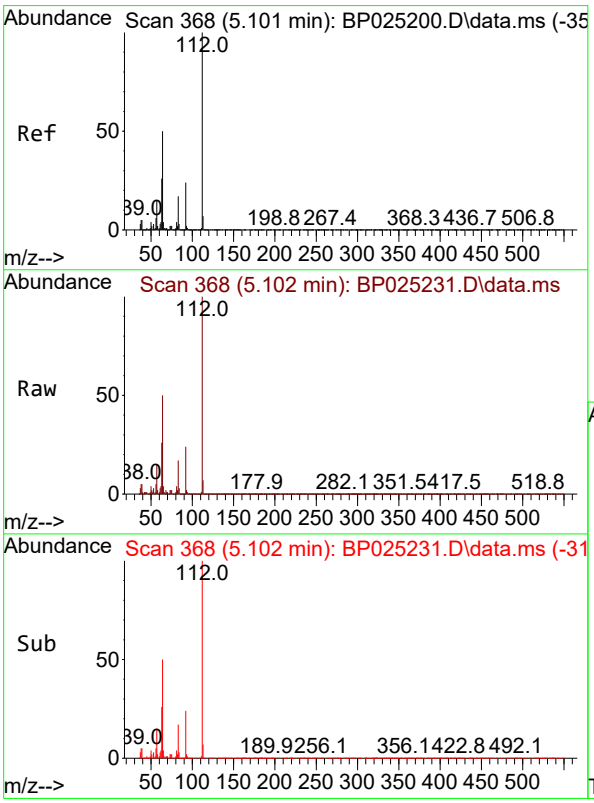
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:152 Resp: 494228

Ion	Ratio	Lower	Upper
152	100		
150	159.4	121.9	182.9
115	56.7	43.0	64.6

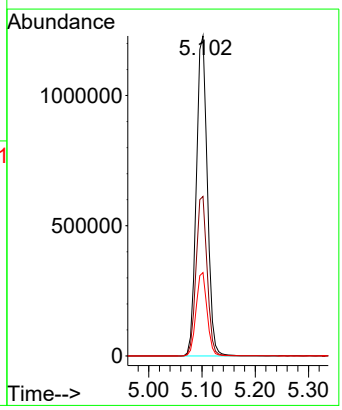


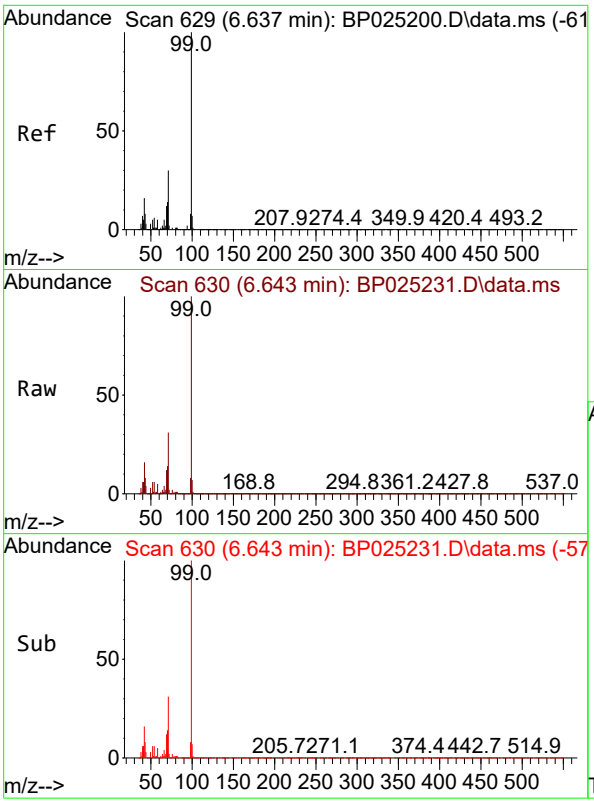


#5
2-Fluorophenol
Concen: 60.312 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:112 Resp: 1764143

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.8	59.6
63	26.1	20.5	30.7



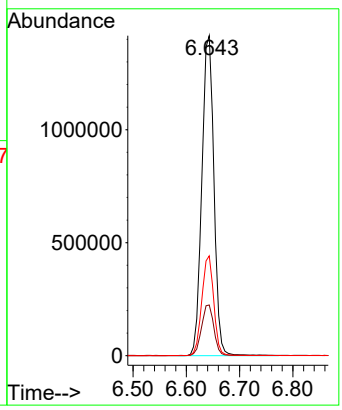


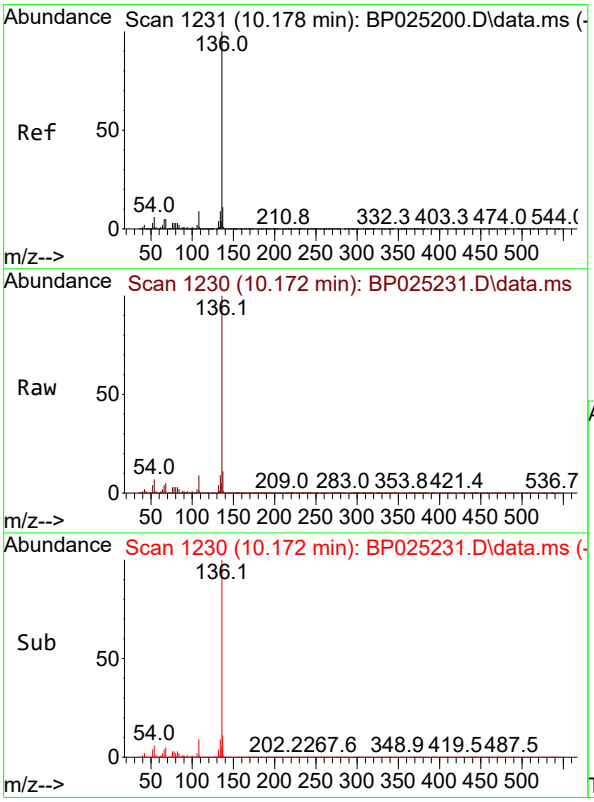
#7
Phenol-d6
Concen: 61.403 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion: 99 Resp: 2224520

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	31.2	24.2	36.2

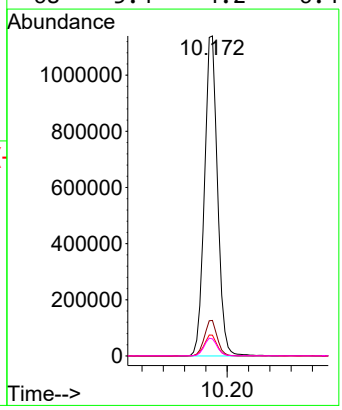


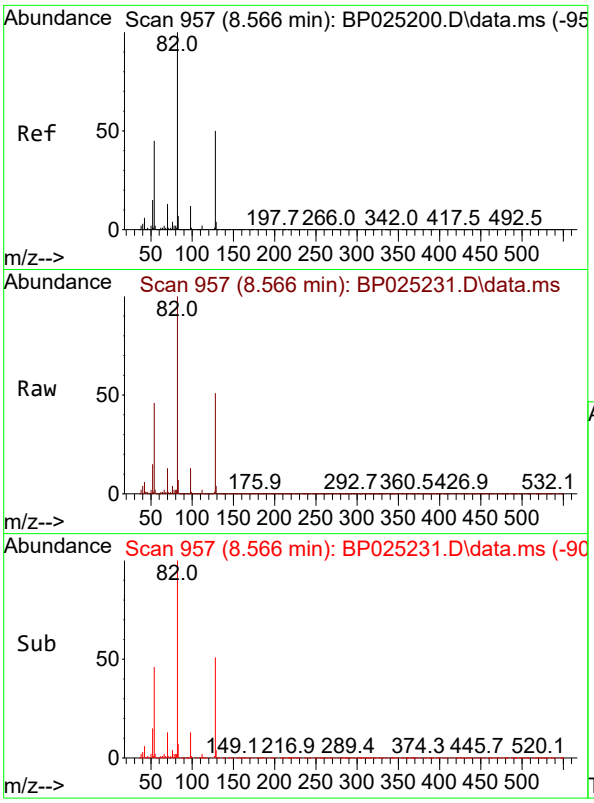


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:136 Resp: 1941060

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.4	4.2	6.4



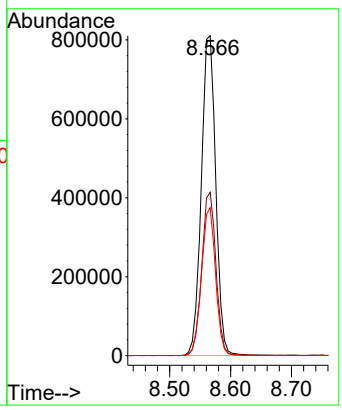


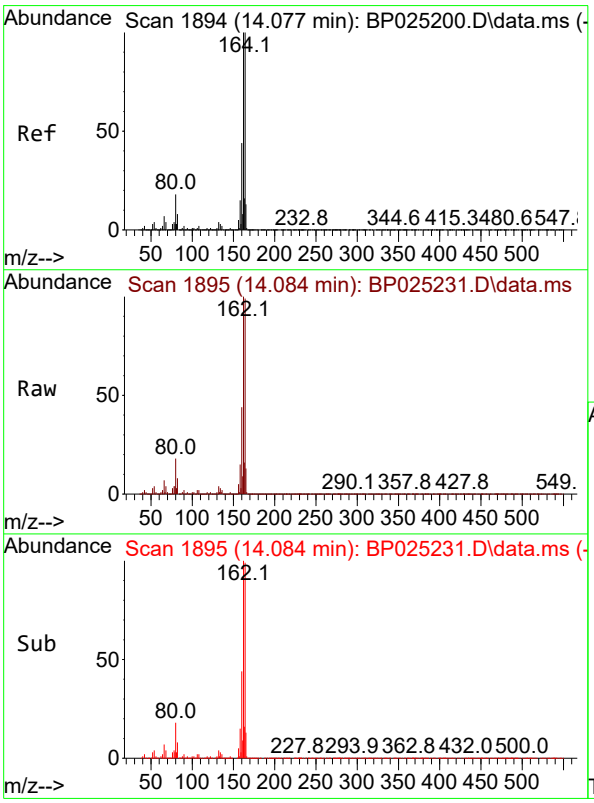
#23
Nitrobenzene-d5
Concen: 38.248 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion: 82 Resp: 1335924

Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.2	60.4
54	46.3	36.3	54.5

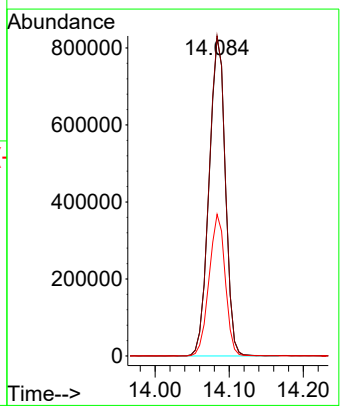


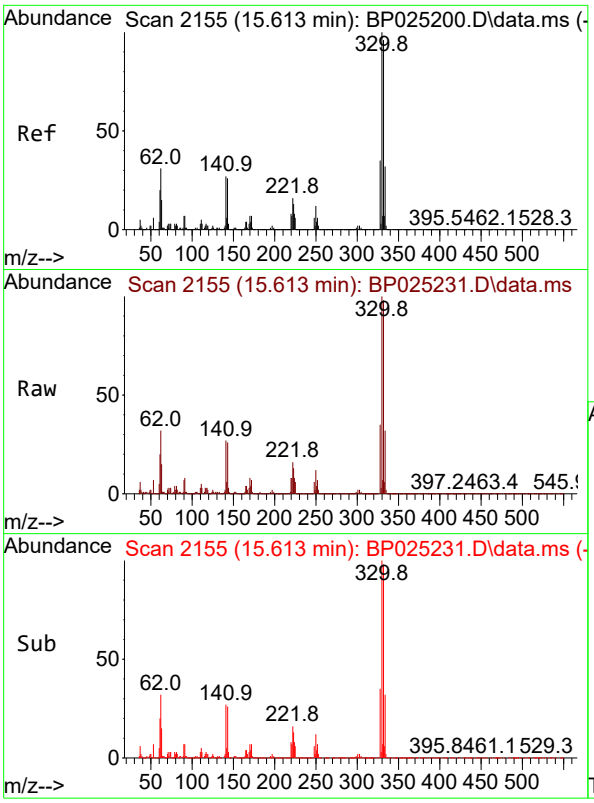


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:164 Resp: 1257966

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	44.5	35.7	53.5



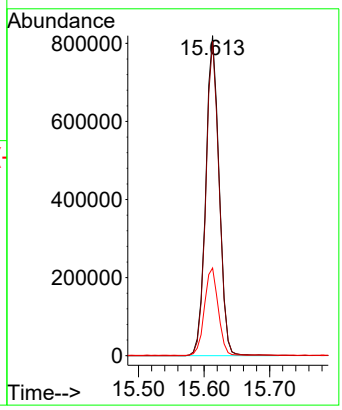


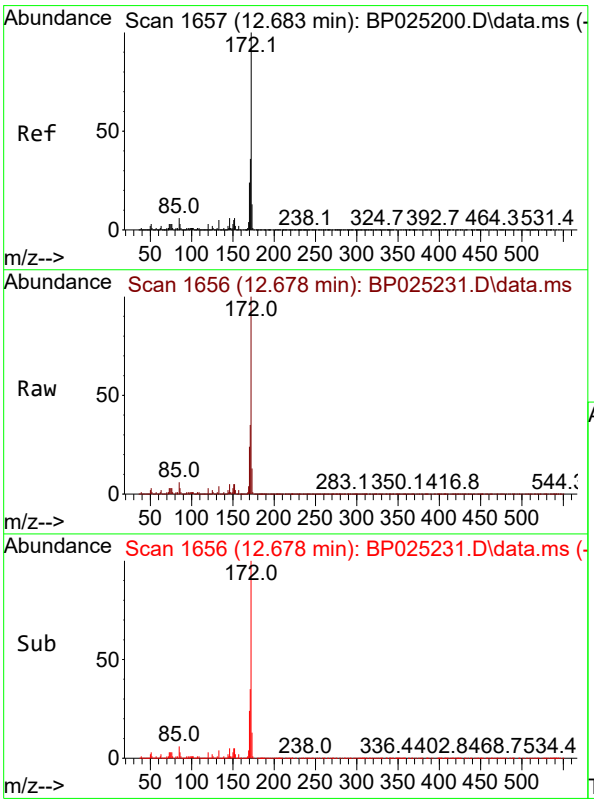
#42
2,4,6-Tribromophenol
Concen: 62.841 ng
RT: 15.613 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:330 Resp: 1165401

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	27.9	22.4	33.6

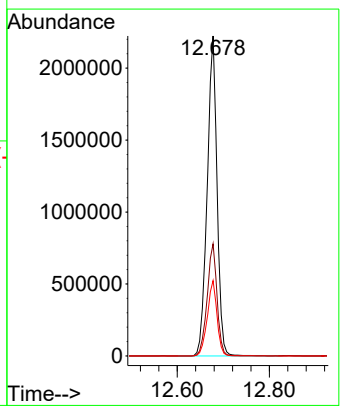


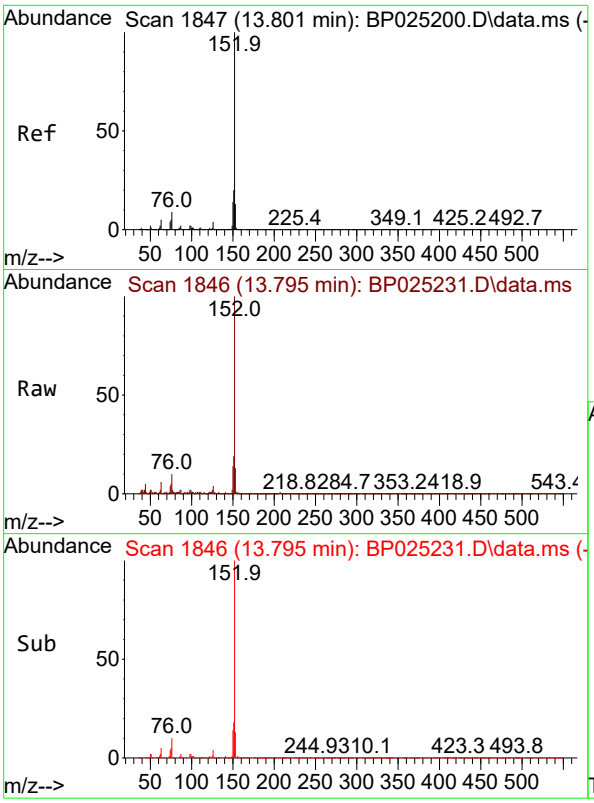


#45
2-Fluorobiphenyl
Concen: 37.201 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:172 Resp: 3319422

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.5	19.2	28.8



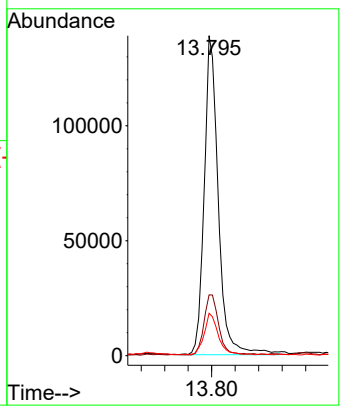


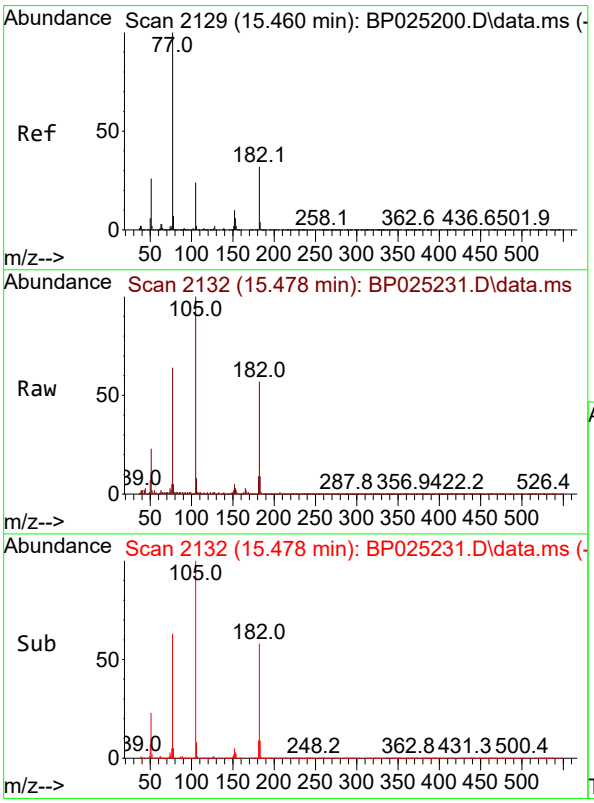
#49
Acenaphthylene
Concen: 2.001 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:152 Resp: 230422

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2
153	13.3	10.6	15.8

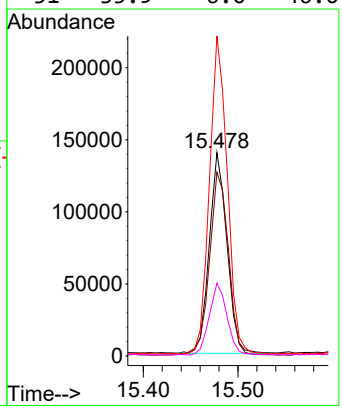


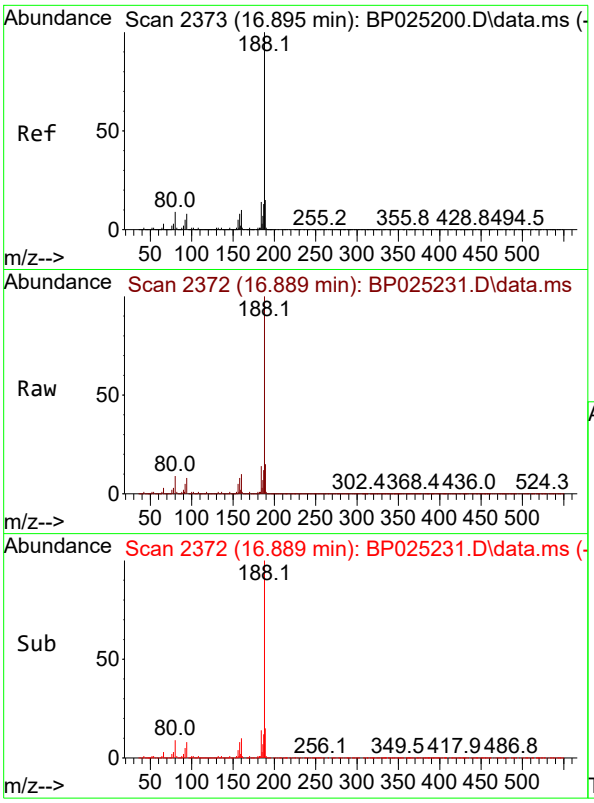


#63
Azobenzene
Concen: 2.490 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion: 77 Resp: 179925

Ion	Ratio	Lower	Upper
77	100		
182	90.3	12.0	52.0#
105	157.3	3.6	43.6#
51	35.9	6.0	46.0



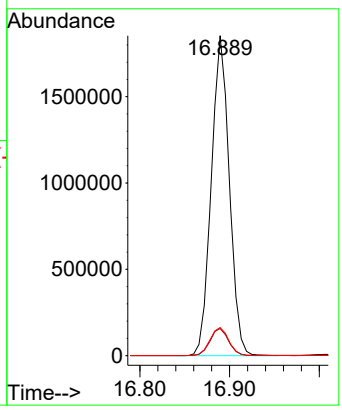


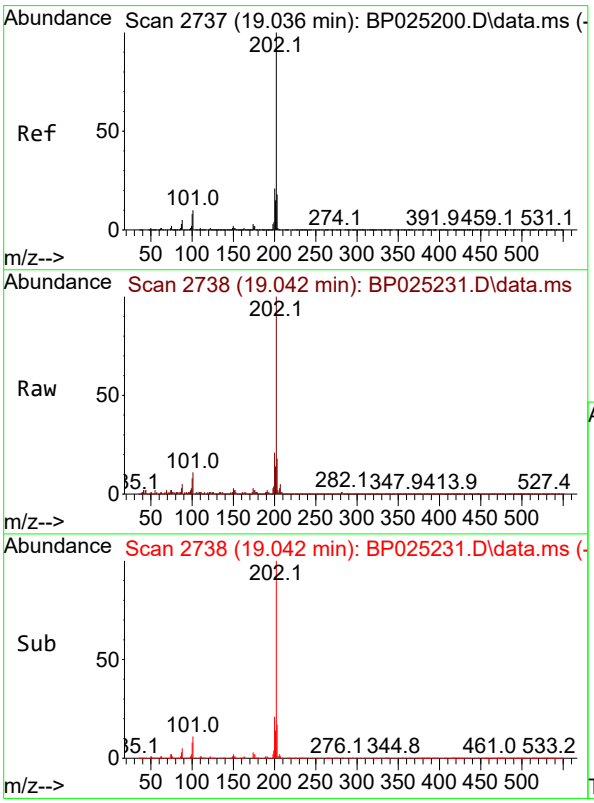
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:188 Resp: 2582912

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.8	7.3	10.9

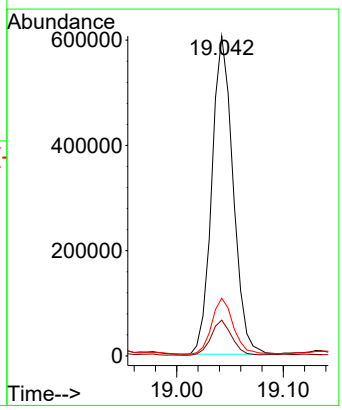


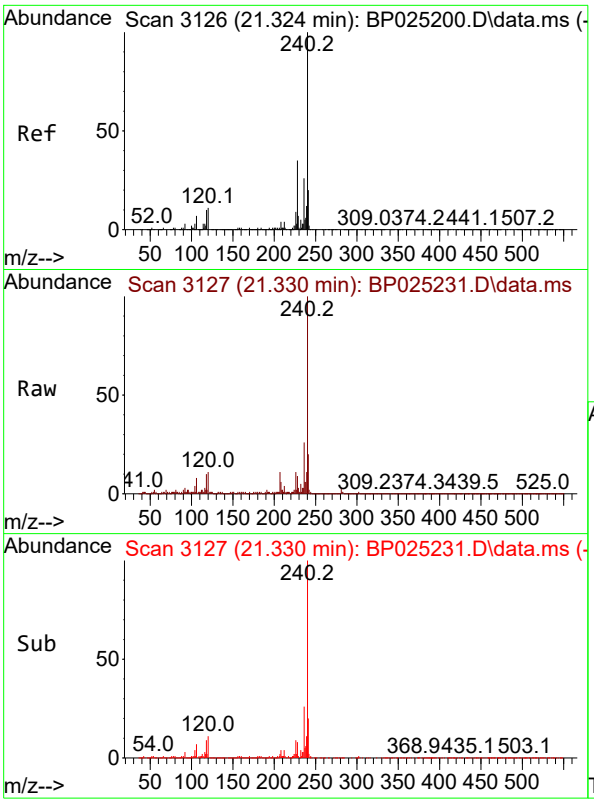


#75
Fluoranthene
Concen: 5.099 ng
RT: 19.042 min Scan# 2738
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 836009

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.0	0.0	38.0



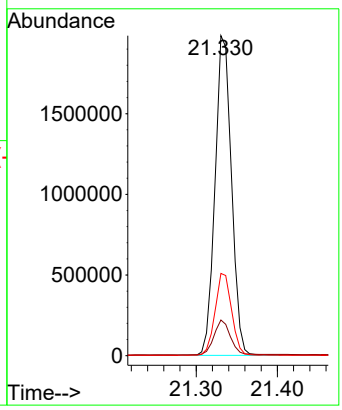


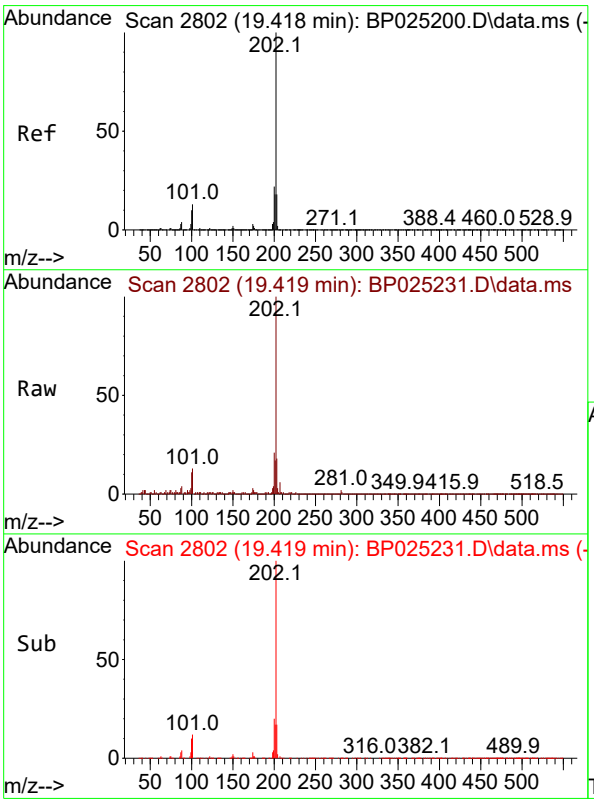
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:240 Resp: 2791397

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.7	20.9	31.3

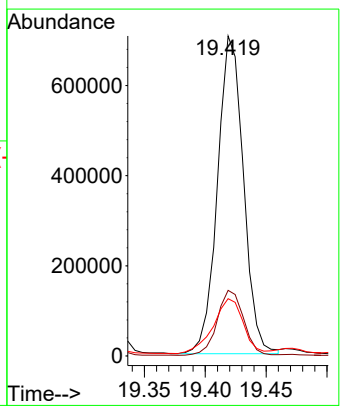


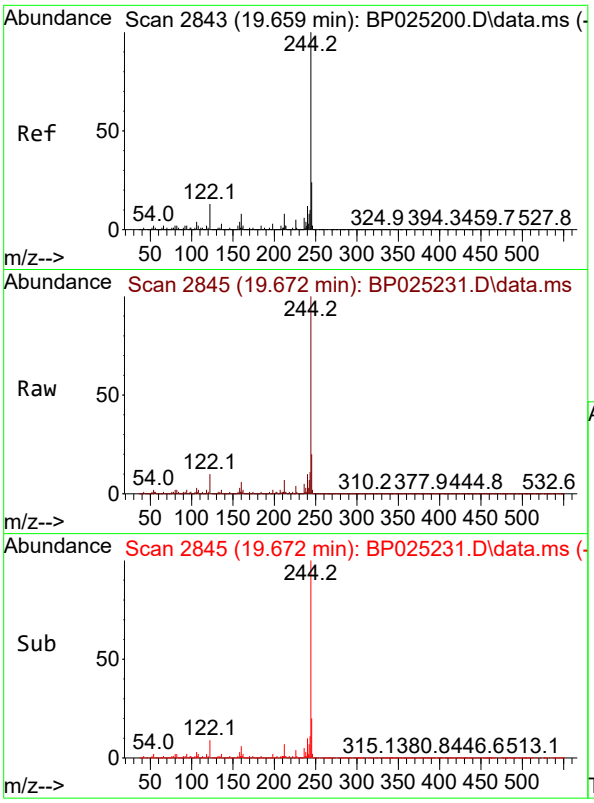


#78
Pyrene
Concen: 6.082 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 1046767

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.9	14.3	21.5



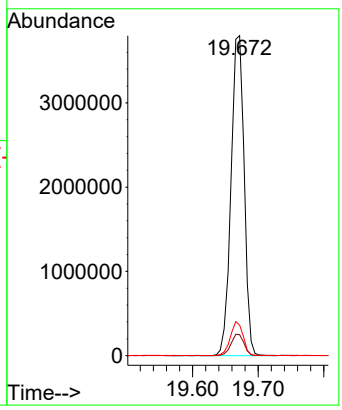


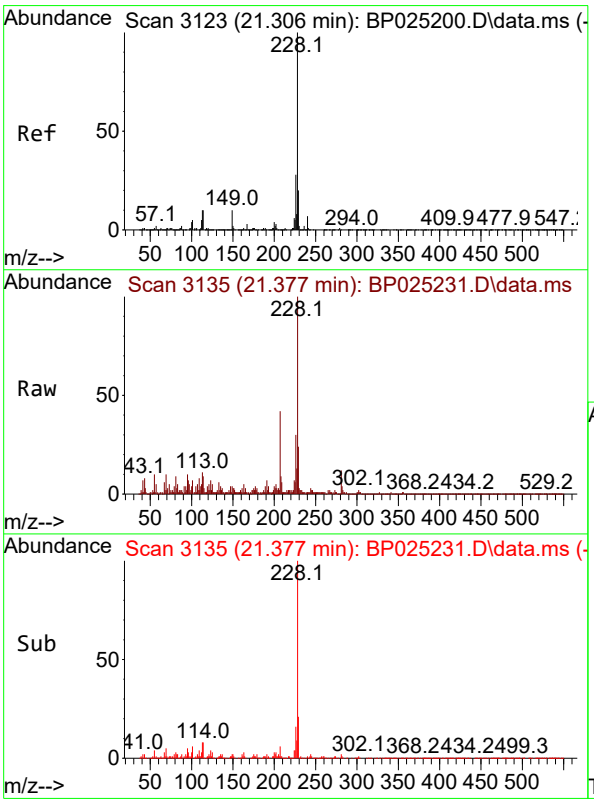
#79
Terphenyl-d14
Concen: 37.444 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.013 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:244 Resp: 5294842

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.6	9.8
122	9.5	10.3	15.5#

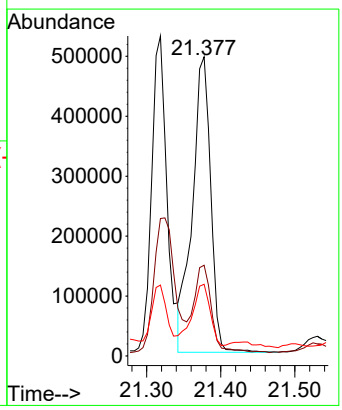


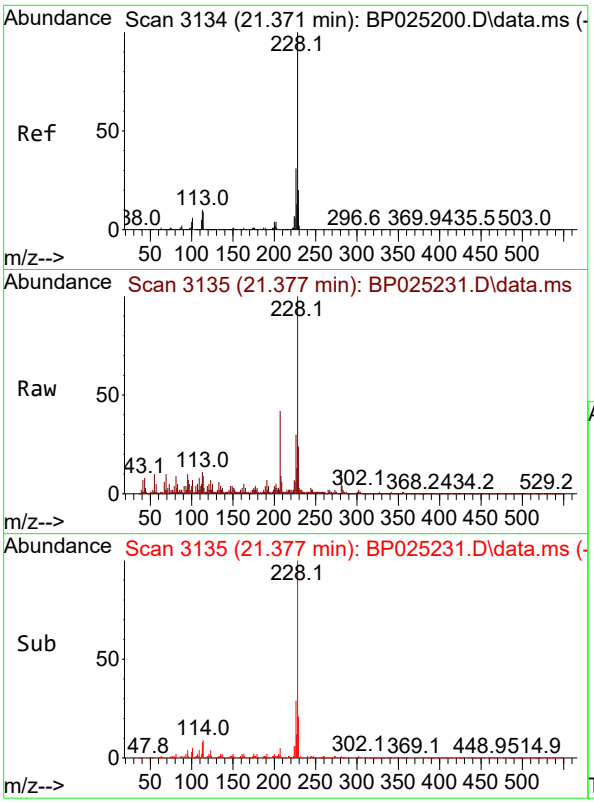


#81
Benzo(a)anthracene
Concen: 4.814 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.071 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:228 Resp: 848599

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.3	33.5
229	23.9	16.2	24.2



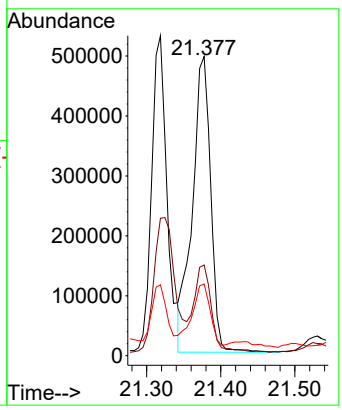


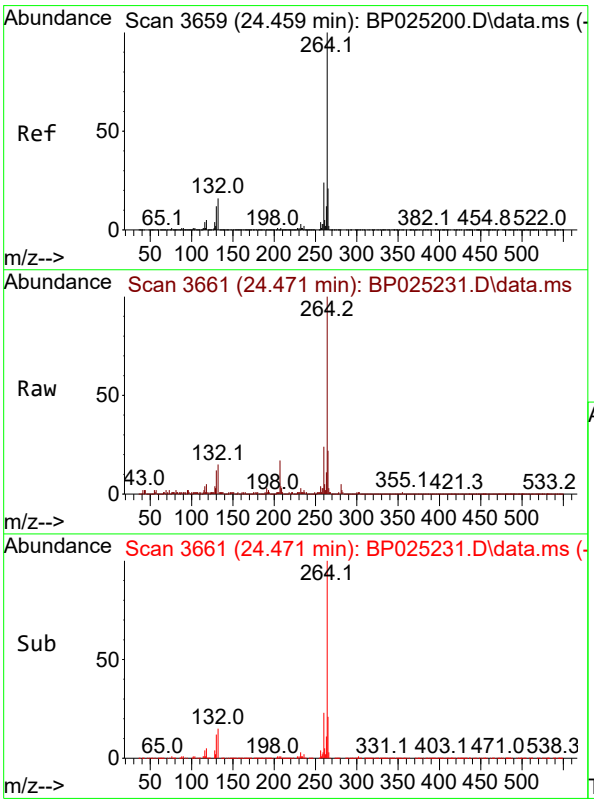
#83
Chrysene
Concen: 5.176 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:228 Resp: 851749

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	23.9	16.0	24.0

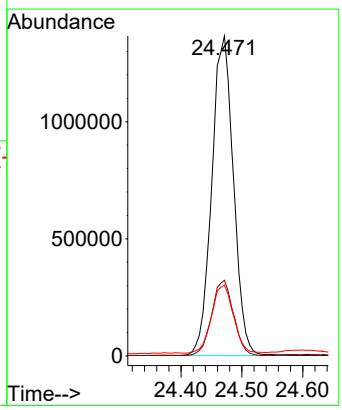


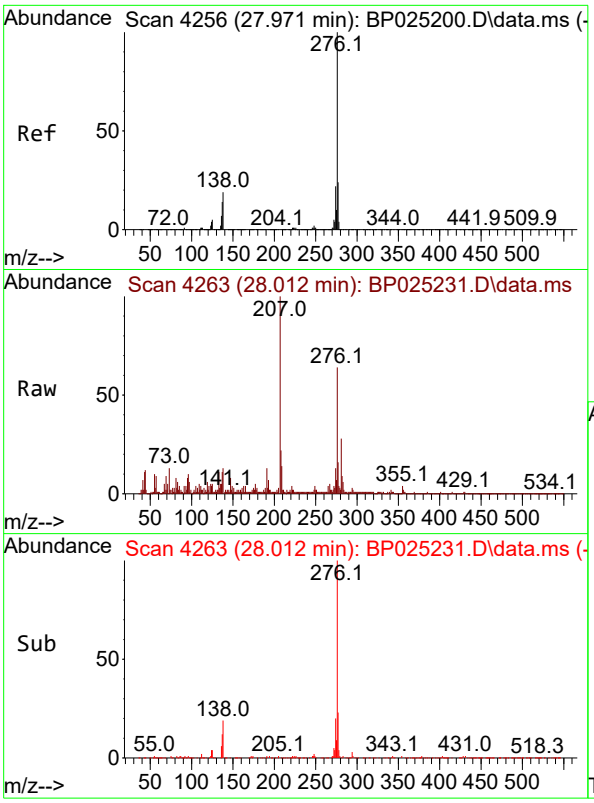


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:264 Resp: 3376004

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.2	17.5	26.3



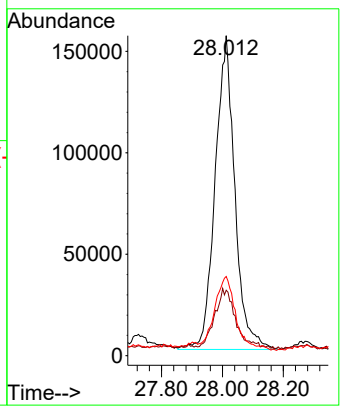


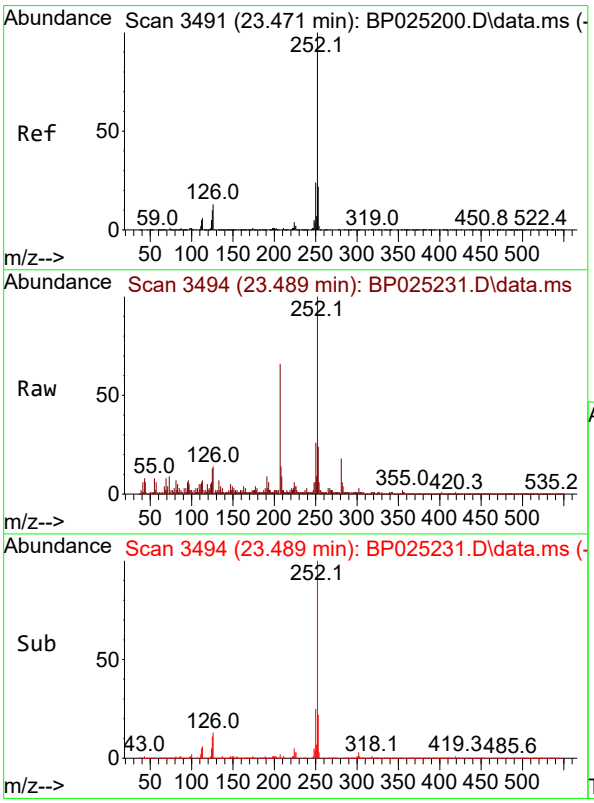
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.817 ng
RT: 28.012 min Scan# 4
Delta R.T. 0.042 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:276 Resp: 694882

Ion	Ratio	Lower	Upper
276	100		
138	19.3	12.8	19.2#
277	25.3	20.3	30.5

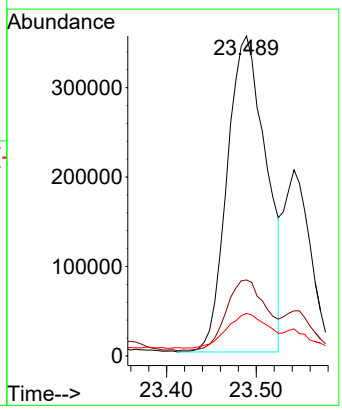


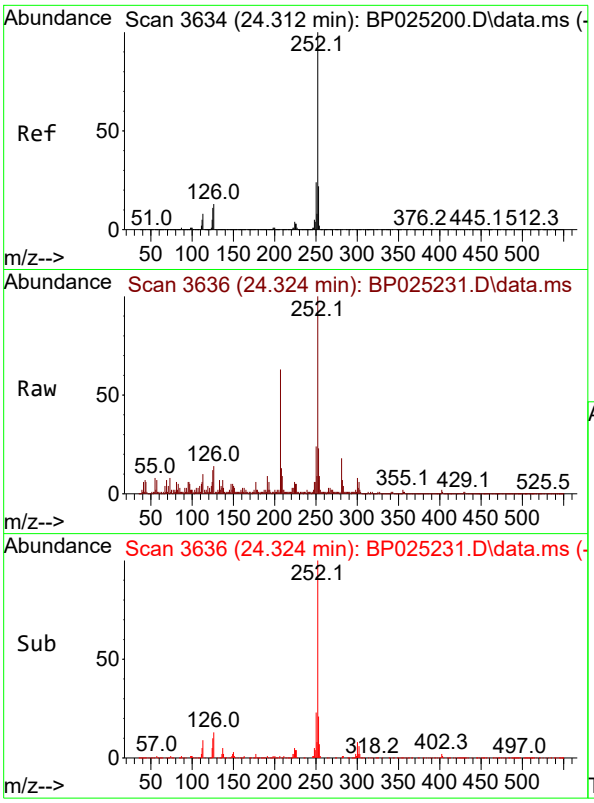


#88
Benzo(b)fluoranthene
Concen: 5.505 ng
RT: 23.489 min Scan# 3494
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:252 Resp: 1063768

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.3	7.8	11.8#



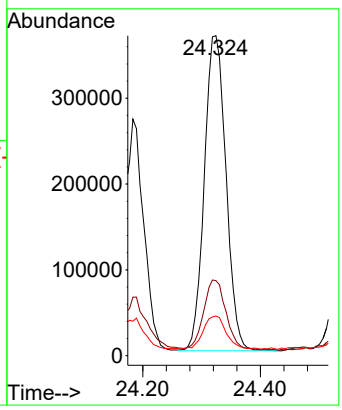


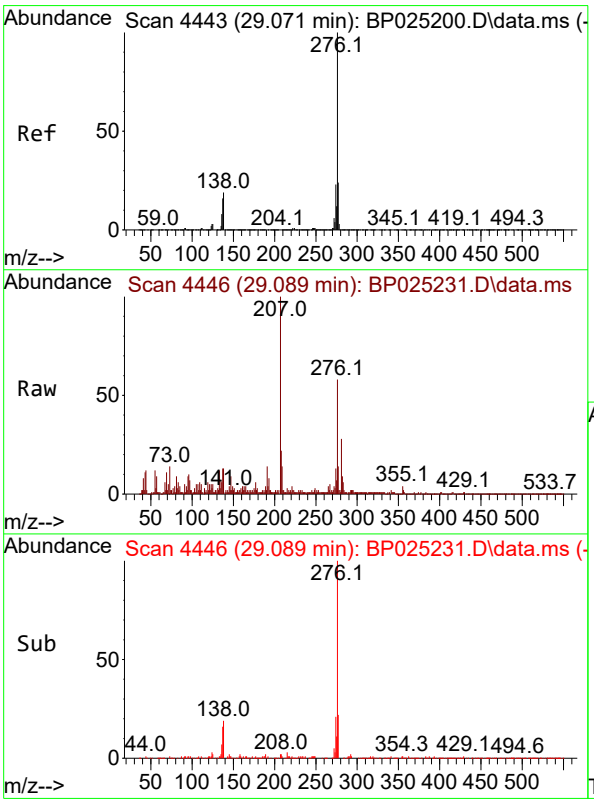
#90
Benzo(a)pyrene
Concen: 4.980 ng
RT: 24.324 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:252 Resp: 938955

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	12.4	8.6	12.8





#92
Benzo(g,h,i)perylene
Concen: 3.525 ng
RT: 29.089 min Scan# 4446
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:276 Resp: 697220

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.8	15.4	23.2

