284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q1730

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
Q1730-01	OU4-VSL-15-040325
Q1730-02	OU4-VSL-15-040325
Q1730-03	OU4-VSL-16-040325
Q1730-04	OU4-VSL-16-040325
Q1730-05	OU4-VSL-17-040325
Q1730-06	OU4-VSL-17-040325
Q1730-07	OU4-PCS-TC-21-040325
Q1730-08	OU4-PCS-TC-21-040325
Q1730-09	OU4-PCS-TC-22-040325
Q1730-10	OU4-PCS-TC-22-040325
Q1730-11	OU4-PCS-TC-23-040325
Q1730-12	OU4-PCS-TC-23-040325
Q1730-13	OU4-PCS-TC-24-040325
Q1730-14	OU4-PCS-TC-24-040325
Q1730-15	OU4-PCS-TC-25-040325
Q1730-16	OU4-PCS-TC-25-040325
Q1730-17	OU4-PCS-TC-26-040325
Q1730-18	OU4-PCS-TC-26-040325
Q1730-19	OU4-CF-15-040325
Q1730-20	OU4-CF-15-040325

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: 4/14/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # Q1730
Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:
20 Solid samples were received on 04/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3 and VOCMS Group3. This data package contains results for SVOCMS Group3.

C. Analytical Techniques:
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-GGAThe 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 met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
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.

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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

CHEMTECH PROJECT NUMBER: Q1730 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.			
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 Blank Spike met requirements for all samples .			
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas met the acceptable requirements.			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

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

		NA	NO	YES
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.

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 #: **Q1730**

	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:** **04/14/2025**

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LAB CHRONICLE

OrderID:	Q1730	**OrderDate:**	4/4/2025 10:51:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	**OU4-VSL-15-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-03	**OU4-VSL-16-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-05	**OU4-VSL-17-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-07	**OU4-PCS-TC-21-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-09	**OU4-PCS-TC-22-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-11	**OU4-PCS-TC-23-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-13	**OU4-PCS-TC-24-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-15	**OU4-PCS-TC-25-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-17	**OU4-PCS-TC-26-040325**	**SOIL**			**04/03/25**			**04/04/25**
			SVOCMS Group3	8270E		04/07/25	04/08/25	
Q1730-19	**OU4-CF-15-040325**	**SOIL**			**04/03/25**			**04/04/25**

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LAB CHRONICLE

SVOCMS Group3	8270E	04/07/25	04/08/25

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Hit Summary Sheet
SW-846

SDG No.: Q1730

Client: Nobis Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :									
				0.000					
			Total Svoc :		**0.00**				
			Total Concentration:		**0.00**				



QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q1730

Client: Nobis Group

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167474BL	PB167474BL	2-Fluorophenol	150	141	94		35	115
		Phenol-d6	150	139	92		34	127
		Nitrobenzene-d5	100	88.4	88		37	122
		2-Fluorobiphenyl	100	80.7	81		44	115
		2,4,6-Tribromophenol	150	155	103		39	132
		Terphenyl-d14	100	88.3	88		54	127
PB167474BS	PB167474BS	2-Fluorophenol	150	129	86		35	115
		Phenol-d6	150	117	78		34	127
		Nitrobenzene-d5	100	85.1	85		37	122
		2-Fluorobiphenyl	100	82.9	83		44	115
		2,4,6-Tribromophenol	150	134	89		39	132
		Terphenyl-d14	100	89.5	89		54	127
Q1730-01	OU4-VSL-15-040325	2-Fluorophenol	150	109	73		35	115
		Phenol-d6	150	115	76		34	127
		Nitrobenzene-d5	100	75.5	75		37	122
		2-Fluorobiphenyl	100	74.2	74		44	115
		2,4,6-Tribromophenol	150	113	75		39	132
		Terphenyl-d14	100	79.4	79		54	127
Q1730-01MS	OU4-VSL-15-040325MS	2-Fluorophenol	150	103	69		35	115
		Phenol-d6	150	105	70		34	127
		Nitrobenzene-d5	100	72.4	72		37	122
		2-Fluorobiphenyl	100	70.3	70		44	115
		2,4,6-Tribromophenol	150	98.7	66		39	132
		Terphenyl-d14	100	77.3	77		54	127
Q1730-01MSD	OU4-VSL-15-040325MSD	2-Fluorophenol	150	104	69		35	115
		Phenol-d6	150	106	71		34	127
		Nitrobenzene-d5	100	72.1	72		37	122
		2-Fluorobiphenyl	100	69.8	70		44	115
		2,4,6-Tribromophenol	150	101	68		39	132
		Terphenyl-d14	100	76.7	77		54	127
Q1730-03	OU4-VSL-16-040325	2-Fluorophenol	150	87.4	58		35	115
		Phenol-d6	150	88.3	59		34	127
		Nitrobenzene-d5	100	58.1	58		37	122
		2-Fluorobiphenyl	100	55.0	55		44	115
		2,4,6-Tribromophenol	150	98.1	65		39	132
		Terphenyl-d14	100	64.0	64		54	127
Q1730-05	OU4-VSL-17-040325	2-Fluorophenol	150	98.0	65		35	115
		Phenol-d6	150	101	67		34	127
		Nitrobenzene-d5	100	61.5	62		37	122
		2-Fluorobiphenyl	100	56.6	57		44	115
		2,4,6-Tribromophenol	150	116	77		39	132
		Terphenyl-d14	100	60.0	60		54	127
Q1730-07	OU4-PCS-TC-21-040325	2-Fluorophenol	150	88.1	59		35	115
		Phenol-d6	150	83.0	55		34	127
		Nitrobenzene-d5	100	59.9	60		37	122
		2-Fluorobiphenyl	100	57.7	58		44	115
		2,4,6-Tribromophenol	150	87.9	59		39	132
		Terphenyl-d14	100	59.6	60		54	127
Q1730-09	OU4-PCS-TC-22-040325	2-Fluorophenol	150	76.4	51		35	115
		Phenol-d6	150	76.7	51		34	127
		Nitrobenzene-d5	100	50.2	50		37	122

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Surrogate Summary

SW-846

SDG No.: Q1730

Client: Nobis Group

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q1730-09	OU4-PCS-TC-22-040325	2-Fluorobiphenyl	100	48.6	49		44	115
		2,4,6-Tribromophenol	150	85.4	57		39	132
		Terphenyl-d14	100	65.9	66		54	127
Q1730-11	OU4-PCS-TC-23-040325	2-Fluorophenol	150	76.5	51		35	115
		Phenol-d6	150	74.0	49		34	127
		Nitrobenzene-d5	100	51.6	52		37	122
		2-Fluorobiphenyl	100	50.5	50		44	115
		2,4,6-Tribromophenol	150	82.0	55		39	132
		Terphenyl-d14	100	56.5	56		54	127
Q1730-13	OU4-PCS-TC-24-040325	2-Fluorophenol	150	95.9	64		35	115
		Phenol-d6	150	99.6	66		34	127
		Nitrobenzene-d5	100	61.5	62		37	122
		2-Fluorobiphenyl	100	56.4	56		44	115
		2,4,6-Tribromophenol	150	106	71		39	132
		Terphenyl-d14	100	67.8	68		54	127
Q1730-15	OU4-PCS-TC-25-040325	2-Fluorophenol	150	101	67		35	115
		Phenol-d6	150	106	71		34	127
		Nitrobenzene-d5	100	64.2	64		37	122
		2-Fluorobiphenyl	100	58.1	58		44	115
		2,4,6-Tribromophenol	150	117	78		39	132
		Terphenyl-d14	100	62.7	63		54	127
Q1730-17	OU4-PCS-TC-26-040325	2-Fluorophenol	150	110	74		35	115
		Phenol-d6	150	105	70		34	127
		Nitrobenzene-d5	100	74.0	74		37	122
		2-Fluorobiphenyl	100	72.0	72		44	115
		2,4,6-Tribromophenol	150	113	75		39	132
		Terphenyl-d14	100	73.7	74		54	127
Q1730-19	OU4-CF-15-040325	2-Fluorophenol	150	105	70		35	115
		Phenol-d6	150	106	71		34	127
		Nitrobenzene-d5	100	68.5	69		37	122
		2-Fluorobiphenyl	100	64.2	64		44	115
		2,4,6-Tribromophenol	150	111	74		39	132
		Terphenyl-d14	100	79.7	80		54	127

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1730

Client: Nobis Group

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1730-01MS		**Client Sample ID: OU4-VSL-15-040325MS**						**DataFile: BP024231.D**			
Naphthalene	1700	0	1600	ug/Kg	94				35	123	
2-Methylnaphthalene	1700	0	1500	ug/Kg	88				38	122	
Acenaphthylene	1700	0	1800	ug/Kg	106				32	132	
Acenaphthene	1700	0	1600	ug/Kg	94				40	123	
Fluorene	1700	0	1700	ug/Kg	100				43	125	
Phenanthrene	1700	0	1700	ug/Kg	100				50	121	
Anthracene	1700	0	1800	ug/Kg	106				47	123	
Fluoranthene	1700	0	1700	ug/Kg	100				50	127	
Pyrene	1700	0	1700	ug/Kg	100				47	127	
Benzo(a)anthracene	1700	0	1700	ug/Kg	100				49	126	
Chrysene	1700	0	1700	ug/Kg	100				50	124	
Benzo(b)fluoranthene	1700	0	1700	ug/Kg	100				45	132	
Benzo(k)fluoranthene	1700	0	1600	ug/Kg	94				47	132	
Benzo(a)pyrene	1700	0	1800	ug/Kg	106				45	129	
Indeno(1,2,3-cd)pyrene	1700	0	1800	ug/Kg	106				45	133	
Dibenz(a,h)anthracene	1700	0	1800	ug/Kg	106				45	134	
Benzo(g,h,i)perylene	1700	0	1700	ug/Kg	100				43	134	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1730

Client: Nobis Group

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1730-01MSD		**Client Sample ID:** OU4-VSL-15-040325MSD						**DataFile:** BP024232.D			
Naphthalene	1700	0	1600	ug/Kg	94		0		35	123	20
2-Methylnaphthalene	1700	0	1500	ug/Kg	88		0		38	122	20
Acenaphthylene	1700	0	1800	ug/Kg	106		0		32	132	20
Acenaphthene	1700	0	1600	ug/Kg	94		0		40	123	20
Fluorene	1700	0	1700	ug/Kg	100		0		43	125	20
Phenanthrene	1700	0	1700	ug/Kg	100		0		50	121	20
Anthracene	1700	0	1800	ug/Kg	106		0		47	123	20
Fluoranthene	1700	0	1700	ug/Kg	100		0		50	127	20
Pyrene	1700	0	1700	ug/Kg	100		0		47	127	20
Benzo(a)anthracene	1700	0	1700	ug/Kg	100		0		49	126	20
Chrysene	1700	0	1700	ug/Kg	100		0		50	124	20
Benzo(b)fluoranthene	1700	0	1600	ug/Kg	94		6		45	132	20
Benzo(k)fluoranthene	1700	0	1700	ug/Kg	100		6		47	132	20
Benzo(a)pyrene	1700	0	1800	ug/Kg	106		0		45	129	20
Indeno(1,2,3-cd)pyrene	1700	0	1700	ug/Kg	100		6		45	133	20
Dibenz(a,h)anthracene	1700	0	1700	ug/Kg	100		6		45	134	20
Benzo(g,h,i)perylene	1700	0	1700	ug/Kg	100		0		43	134	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1730

Client: Nobis Group

Analytical Method: 8270E **DataFile:** BP024213.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167474BS	Naphthalene	1700	1400	ug/Kg	82				35	123	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				38	122	
	Acenaphthylene	1700	1600	ug/Kg	94				32	132	
	Acenaphthene	1700	1500	ug/Kg	88				40	123	
	Fluorene	1700	1500	ug/Kg	88				43	125	
	Phenanthrene	1700	1500	ug/Kg	88				50	121	
	Anthracene	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				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	1600	ug/Kg	94				45	129	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				45	133	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				45	134	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				43	134	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167474BL

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG NO.: Q1730

Lab File ID: BP024212.D Lab Sample ID: PB167474BL

Instrument ID: BNA_P Date Extracted: 04/07/2025

Matrix: (soil/water) SOIL Date Analyzed: 04/08/2025

Level: (low/med) LOW Time Analyzed: 14:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167474BS	PB167474BS	BP024213.D	04/08/2025
OU4-VSL-15-040325	Q1730-01	BP024214.D	04/08/2025
OU4-VSL-16-040325	Q1730-03	BP024217.D	04/08/2025
OU4-VSL-17-040325	Q1730-05	BP024218.D	04/08/2025
OU4-PCS-TC-21-040325	Q1730-07	BP024219.D	04/08/2025
OU4-PCS-TC-22-040325	Q1730-09	BP024220.D	04/08/2025
OU4-PCS-TC-23-040325	Q1730-11	BP024221.D	04/08/2025
OU4-PCS-TC-24-040325	Q1730-13	BP024222.D	04/08/2025
OU4-PCS-TC-25-040325	Q1730-15	BP024223.D	04/08/2025
OU4-PCS-TC-26-040325	Q1730-17	BP024224.D	04/08/2025
OU4-CF-15-040325	Q1730-19	BP024225.D	04/08/2025
OU4-VSL-15-040325MS	Q1730-01MS	BP024231.D	04/09/2025
OU4-VSL-15-040325MSD	Q1730-01MSD	BP024232.D	04/09/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM SAS No.: Q1730 SDG NO.: Q1730

Lab File ID: BP024159.D DFTPP Injection Date: 03/12/2025

Instrument ID: BNA_P DFTPP Injection Time: 15:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	18.4 (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	BP024160.D	03/12/2025	16:17
SSTDICC005	SSTDICC005	BP024161.D	03/12/2025	16:57
SSTDICC010	SSTDICC010	BP024162.D	03/12/2025	17:38
SSTDICC020	SSTDICC020	BP024163.D	03/12/2025	18:19
SSTDICCC040	SSTDICCC040	BP024164.D	03/12/2025	19:00
SSTDICC050	SSTDICC050	BP024165.D	03/12/2025	19:41
SSTDICC060	SSTDICC060	BP024166.D	03/12/2025	20:21
SSTDICC080	SSTDICC080	BP024167.D	03/12/2025	21:02

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM SAS No.: Q1730 SDG NO.: Q1730

Lab File ID: BP024210.D DFTPP Injection Date: 04/08/2025

Instrument ID: BNA_P DFTPP Injection Time: 13:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	19 (19.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024211.D	04/08/2025	13:43
PB167474BL	PB167474BL	BP024212.D	04/08/2025	14:24
PB167474BS	PB167474BS	BP024213.D	04/08/2025	15:04
OU4-VSL-15-040325	Q1730-01	BP024214.D	04/08/2025	15:45
OU4-VSL-16-040325	Q1730-03	BP024217.D	04/08/2025	17:47
OU4-VSL-17-040325	Q1730-05	BP024218.D	04/08/2025	18:28
OU4-PCS-TC-21-040325	Q1730-07	BP024219.D	04/08/2025	19:09
OU4-PCS-TC-22-040325	Q1730-09	BP024220.D	04/08/2025	19:50
OU4-PCS-TC-23-040325	Q1730-11	BP024221.D	04/08/2025	20:31
OU4-PCS-TC-24-040325	Q1730-13	BP024222.D	04/08/2025	21:11
OU4-PCS-TC-25-040325	Q1730-15	BP024223.D	04/08/2025	21:52
OU4-PCS-TC-26-040325	Q1730-17	BP024224.D	04/08/2025	22:33
OU4-CF-15-040325	Q1730-19	BP024225.D	04/08/2025	23:13
SSTDCCC040EC	SSTDCCC040	BP024226.D	04/08/2025	23:54

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM SAS No.: Q1730 SDG NO.: Q1730

Lab File ID: BP024227.D DFTPP Injection Date: 04/09/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	34.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.7
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	18.3 (19.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024228.D	04/09/2025	10:08
OU4-VSL-15-040325MS	Q1730-01MS	BP024231.D	04/09/2025	12:15
OU4-VSL-15-040325MSD	Q1730-01MSD	BP024232.D	04/09/2025	12:56
SSTDCCC040EC	SSTDCCC040	BP024243.D	04/09/2025	20:24

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG NO.: Q1730

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/08/2025

Lab File ID: BP024211.D Time Analyzed: 13:43

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	417672	7.734	1599400	10.52	884782	14.39
	UPPER LIMIT	835344	8.234	3198800	11.016	1769560	14.887
	LOWER LIMIT	208836	7.234	799700	10.016	442391	13.887
	EPA SAMPLE NO.						
01	OU4-PCS-TC-24-040325	383991	7.74	1666470	10.52	1139820	14.38
02	OU4-PCS-TC-25-040325	229471	7.74	1019600	10.52	744658	14.38
03	OU4-PCS-TC-26-040325	380917	7.74	1487330	10.52	855561	14.38
04	OU4-CF-15-040325	330426	7.74	1354280	10.52	859413	14.38
05	PB167474BL	275560	7.74	1172450	10.52	810069	14.38
06	PB167474BS	432520	7.74	1663510	10.52	944043	14.39
07	OU4-VSL-15-040325	355993	7.74	1507530	10.52	1005040	14.38
08	OU4-VSL-16-040325	371539	7.74	1565640	10.52	1070040	14.39
09	OU4-VSL-17-040325	223104	7.74	995133	10.52	728757	14.38
10	OU4-PCS-TC-21-040325	344884	7.74	1325240	10.52	771593	14.38
11	OU4-PCS-TC-22-040325	425623	7.74	1737720	10.52	1085100	14.38
12	OU4-PCS-TC-23-040325	358338	7.74	1367640	10.52	804787	14.38

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: CHEMTECH

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG NO.: Q1730

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/08/2025

Lab File ID: BP024211.D Time Analyzed: 13:43

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	1496180	17.204	1314880	21.651	1482250	25.045
	UPPER LIMIT	2992360	17.704	2629760	22.151	2964500	25.545
	LOWER LIMIT	748090	16.704	657440	21.151	741125	24.545
	EPA SAMPLE NO.						
01	OU4-PCS-TC-24-040325	2384260	17.19	2400490	21.64	2207610	25.02
02	OU4-PCS-TC-25-040325	1784730	17.18	2340680	21.63	2624540	25.00
03	OU4-PCS-TC-26-040325	1625030	17.19	1730310	21.63	1816080	25.01
04	OU4-CF-15-040325	1805840	17.19	1663410	21.63	1560240	25.00
05	PB167474BL	1923060	17.20	2416140	21.65	2577910	25.05
06	PB167474BS	1779010	17.19	1788680	21.65	1910300	25.03
07	OU4-VSL-15-040325	2144380	17.19	2389800	21.65	2460090	25.03
08	OU4-VSL-16-040325	2242630	17.19	2386600	21.65	2424310	25.02
09	OU4-VSL-17-040325	1794370	17.18	2303530	21.64	2559480	25.02
10	OU4-PCS-TC-21-040325	1471520	17.19	1620390	21.63	1759030	25.02
11	OU4-PCS-TC-22-040325	2131220	17.18	1837980	21.64	1509060	25.03
12	OU4-PCS-TC-23-040325	1593320	17.19	1784240	21.64	1907980	25.00

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: CHEMTECH

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG NO.: Q1730

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/09/2025

Lab File ID: BP024228.D Time Analyzed: 10:08

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	293576	7.769	1173450	10.55	712048	14.40
	UPPER LIMIT	587152	8.269	2346900	11.052	1424100	14.904
	LOWER LIMIT	146788	7.269	586725	10.052	356024	13.904
	EPA SAMPLE NO.						
01	OU4-VSL-15-040325MS	281108	7.74	1119090	10.52	687797	14.37
02	OU4-VSL-15-040325MSD	286902	7.74	1149850	10.52	708393	14.38

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: CHEMTECH

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG NO.: Q1730

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/09/2025

Lab File ID: BP024228.D Time Analyzed: 10:08

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	1380060	17.222	1470280	21.651	1654290	25.033
	UPPER LIMIT	2760120	17.722	2940560	22.151	3308580	25.533
	LOWER LIMIT	690030	16.722	735140	21.151	827145	24.533
	EPA SAMPLE NO.						
01	OU4-VSL-15-040325MS	1328840	17.18	1384500	21.64	1577240	25.00
02	OU4-VSL-15-040325MSD	1387590	17.20	1504350	21.63	1667150	25.00

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: **BP024214.D**

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
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
BP024214.D	1	04/07/25 08:55	04/08/25 15:45	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.13	U	0.023	0.13	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.13	U	0.026	0.13	0.18	mg/Kg
208-96-8	Acenaphthylene	0.13	U	0.030	0.13	0.18	mg/Kg
83-32-9	Acenaphthene	0.13	U	0.022	0.13	0.18	mg/Kg
86-73-7	Fluorene	0.13	U	0.026	0.13	0.18	mg/Kg
85-01-8	Phenanthrene	0.13	U	0.022	0.13	0.18	mg/Kg
120-12-7	Anthracene	0.13	U	0.034	0.13	0.18	mg/Kg
206-44-0	Fluoranthene	0.13	U	0.031	0.13	0.18	mg/Kg
129-00-0	Pyrene	0.13	U	0.037	0.13	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.13	U	0.024	0.13	0.18	mg/Kg
218-01-9	Chrysene	0.13	U	0.021	0.13	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	U	0.020	0.13	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	U	0.023	0.13	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.13	U	0.030	0.13	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	U	0.030	0.13	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.13	U	0.028	0.13	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	U	0.027	0.13	0.18	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109		35 - 115		73%	SPK: 150
13127-88-3	Phenol-d6	115		34 - 127		76%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.5		37 - 122		75%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.2		44 - 115		74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		39 - 132		75%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		54 - 127		79%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	356000	7.74				
1146-65-2	Naphthalene-d8	1510000	10.522				
15067-26-2	Acenaphthene-d10	1010000	14.381				
1517-22-2	Phenanthrene-d10	2140000	17.192				

Raw Data: **BP024214.D**

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Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
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
BP024214.D	1	04/07/25 08:55	04/08/25 15:45	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2390000	21.651				
1520-96-3	Perylene-d12	2460000	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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\BP040825\
Data File : BP024214.D
Acq On : 08 Apr 2025 15:45
Operator : RC/JU
Sample : Q1730-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

Quant Time: Apr 08 18:28:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

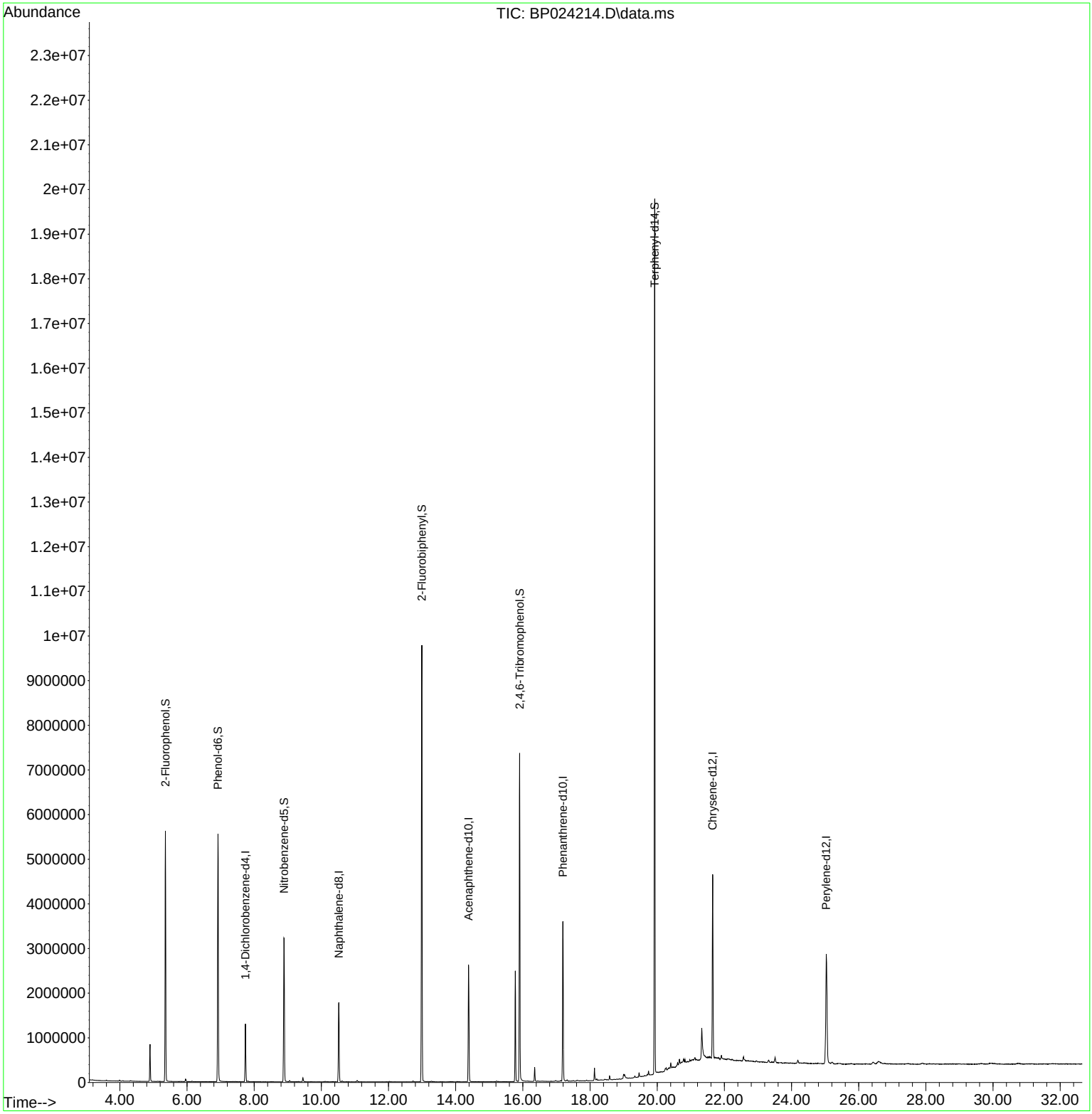
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	355993	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1507529	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	1005040	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	2144376	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	2389803	20.000	ng	0.00
86) Perylene-d12	25.033	264	2460085	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2431105	109.011	ng	-0.02
7) Phenol-d6	6.922	99	3416670	114.566	ng	-0.03
23) Nitrobenzene-d5	8.887	82	2017049	75.490	ng	-0.04
42) 2,4,6-Tribromophenol	15.904	330	1426698	112.696	ng	-0.01
45) 2-Fluorobiphenyl	12.992	172	5055664	74.173	ng	-0.02
79) Terphenyl-d14	19.927	244	9186658	79.351	ng	0.00
Target Compounds						Qvalue

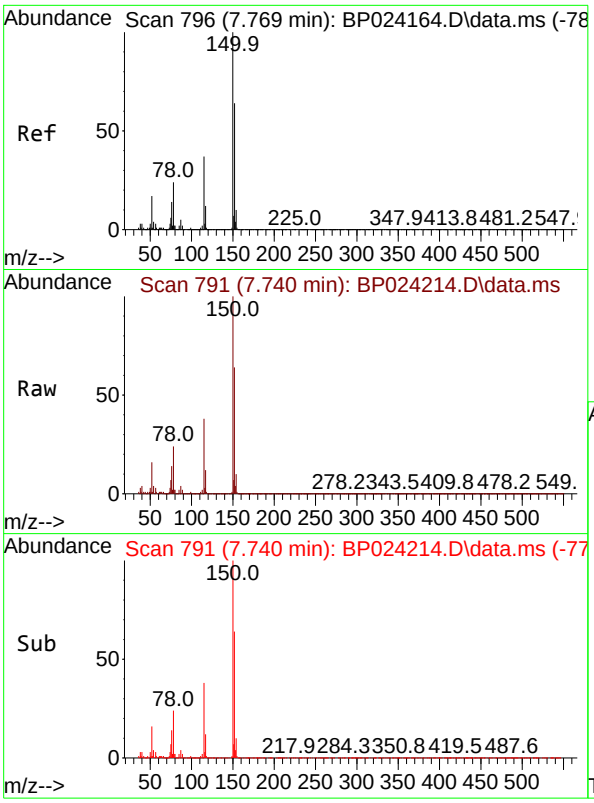
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024214.D
Acq On : 08 Apr 2025 15:45
Operator : RC/JU
Sample : Q1730-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

Quant Time: Apr 08 18:28:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



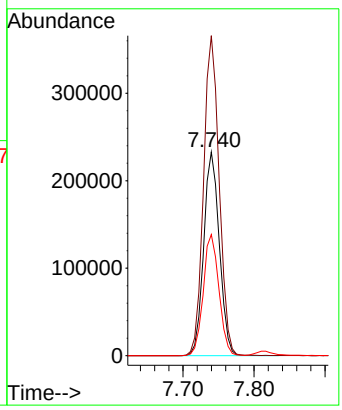


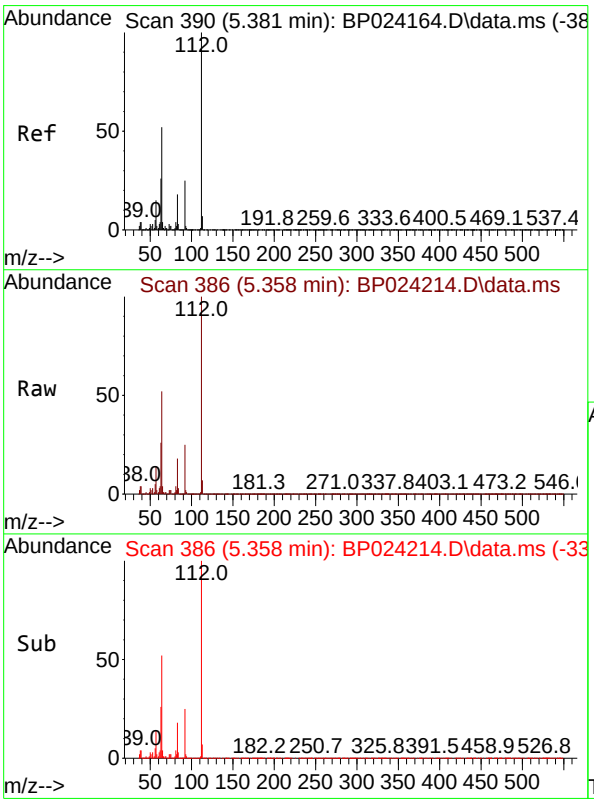
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

Tgt Ion:152 Resp: 355993

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.5	188.3
115	59.5	46.3	69.5

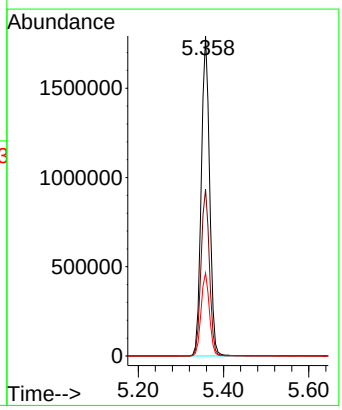


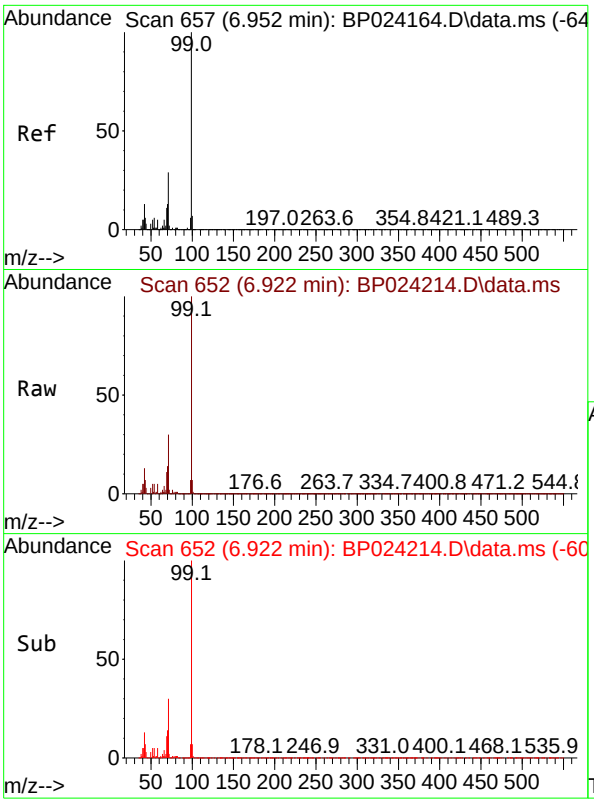


#5
2-Fluorophenol
Concen: 109.011 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Tgt Ion:112 Resp: 2431105

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.3	61.9
63	25.9	20.6	31.0



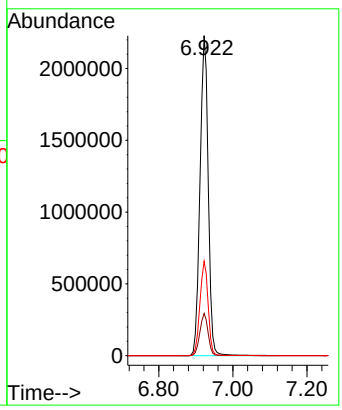


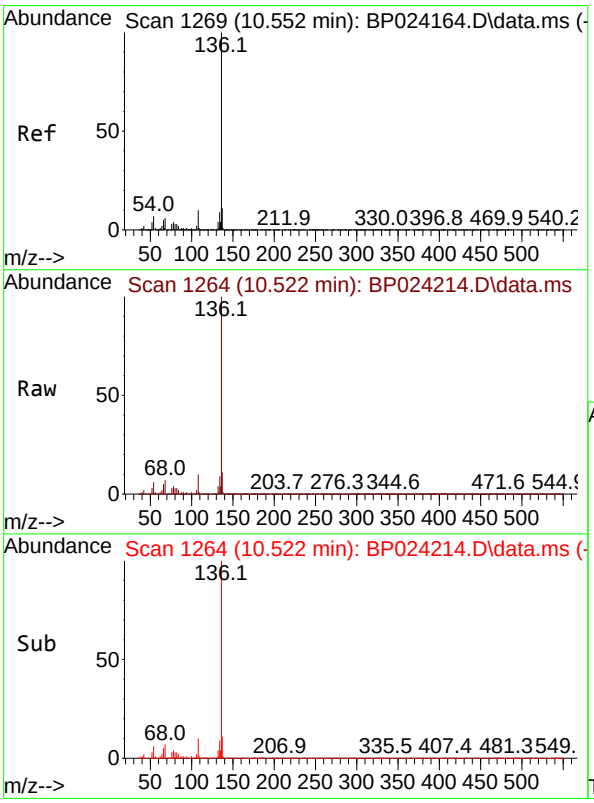
#7
Phenol-d6
Concen: 114.566 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

Tgt Ion: 99 Resp: 3416670

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	16.0
71	29.5	23.3	34.9

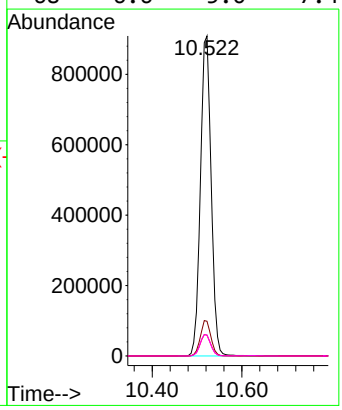


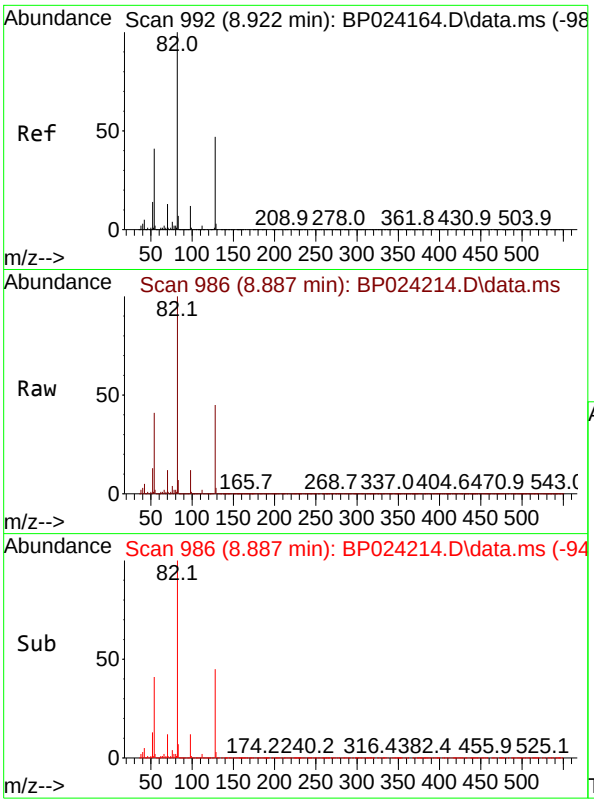


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.030 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Tgt Ion:136 Resp: 1507529

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	5.3	7.9
68	6.6	5.0	7.4



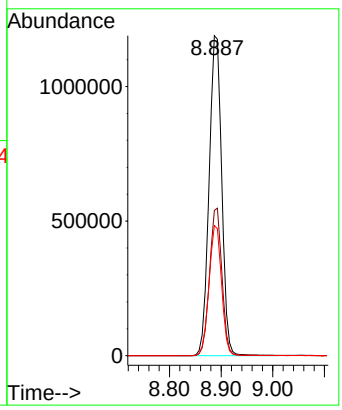


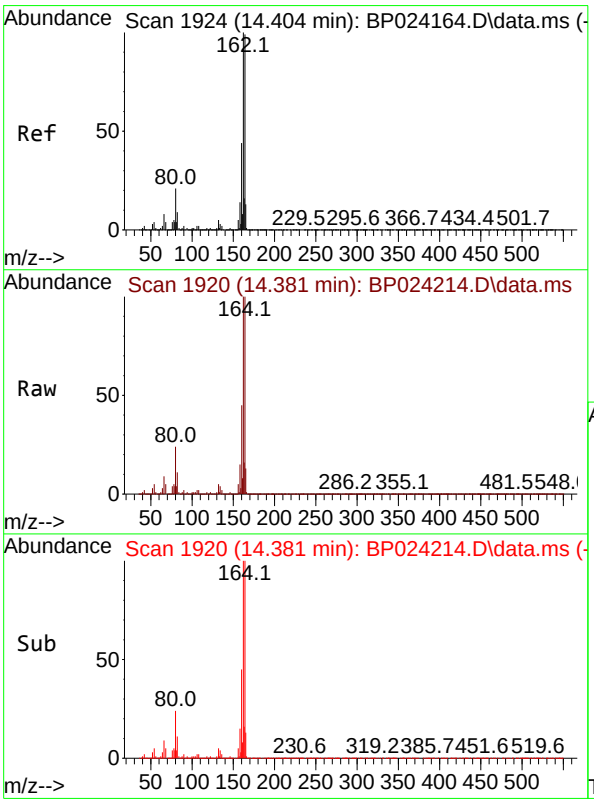
#23
Nitrobenzene-d5
Concen: 75.490 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

Tgt Ion: 82 Resp: 2017049

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.4	56.0
54	40.7	32.5	48.7

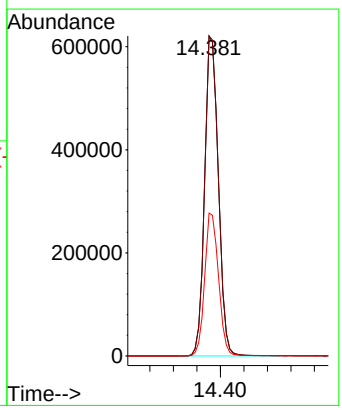


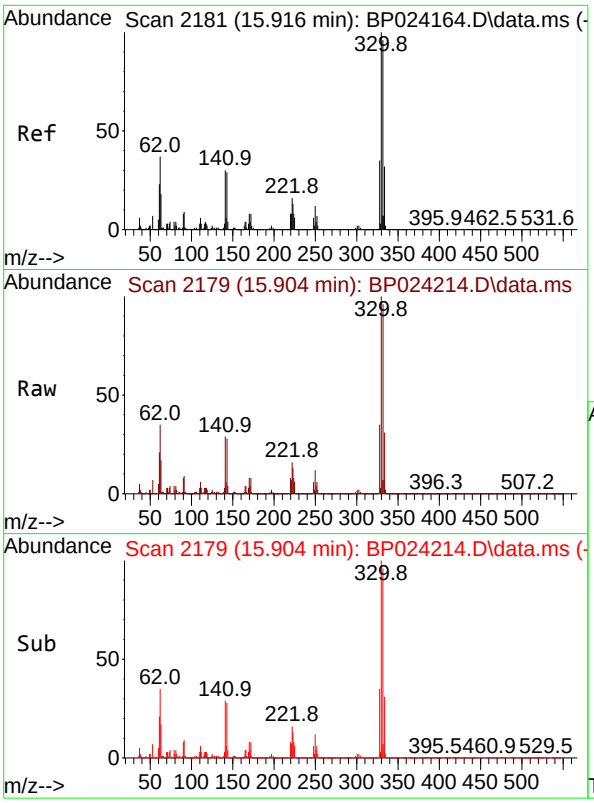


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Tgt Ion:164 Resp: 1005040

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	44.7	35.4	53.2



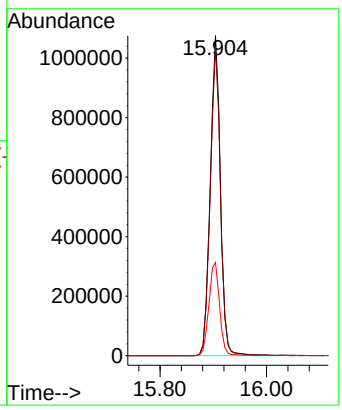


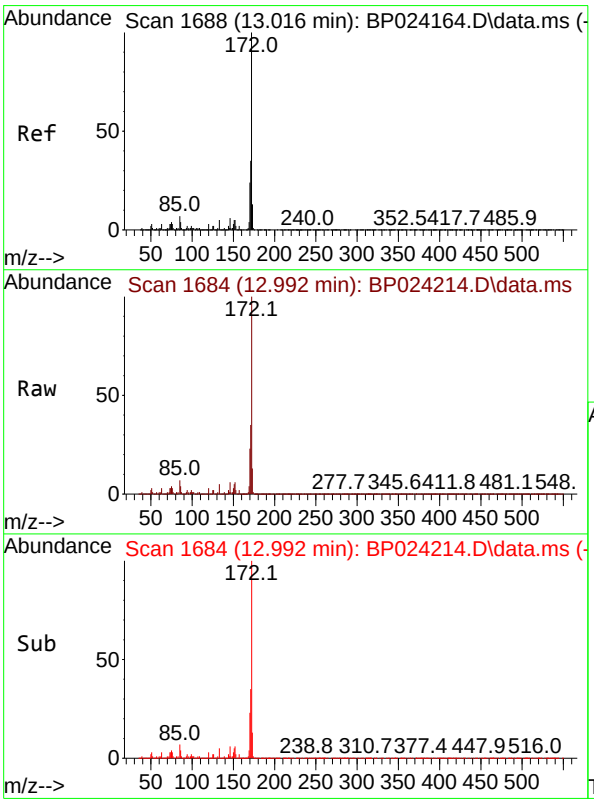
#42
2,4,6-Tribromophenol
Concen: 112.696 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

Tgt Ion:330 Resp: 1426698

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	30.8	25.0	37.6

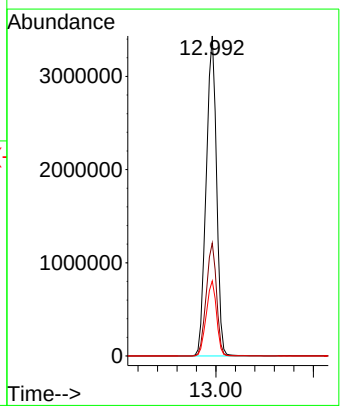


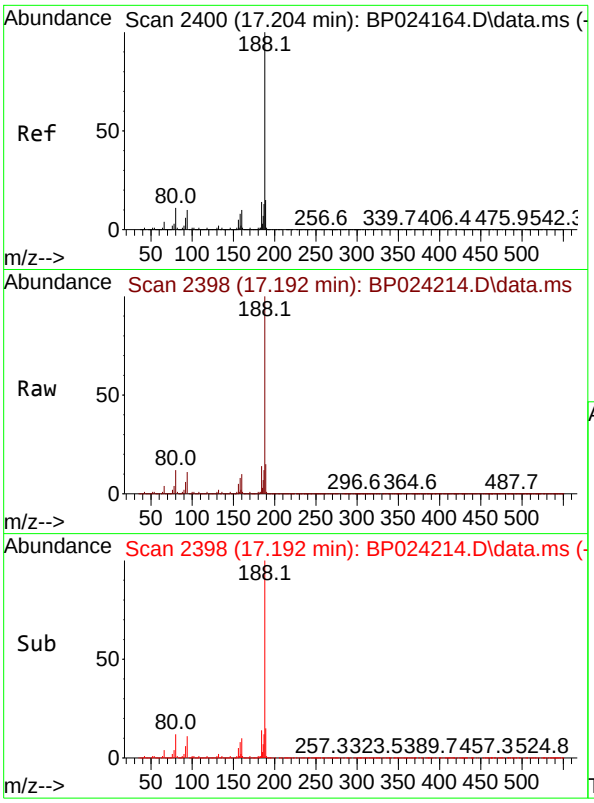


#45
2-Fluorobiphenyl
Concen: 74.173 ng
RT: 12.992 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Tgt Ion:172 Resp: 5055664

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.5	19.0	28.4



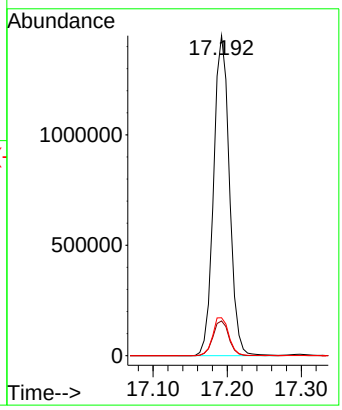


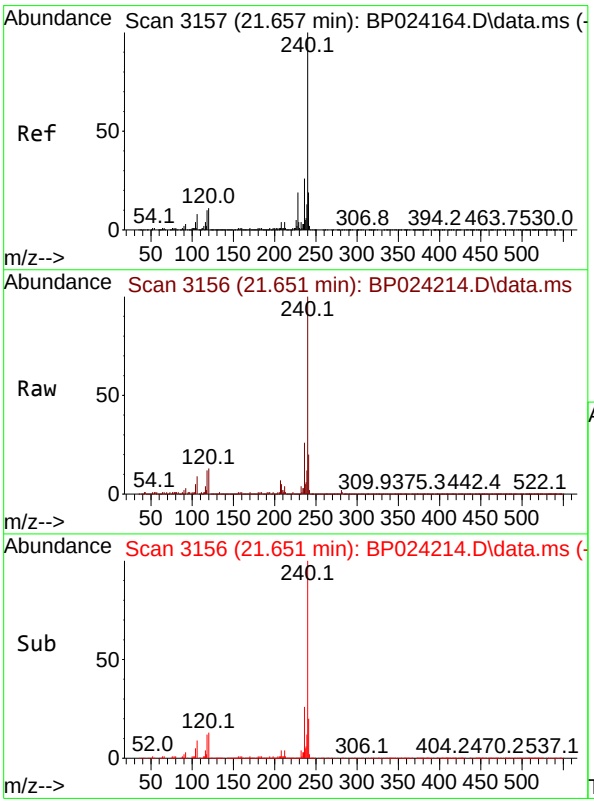
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

Tgt Ion:188 Resp: 2144376

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	11.9	8.9	13.3

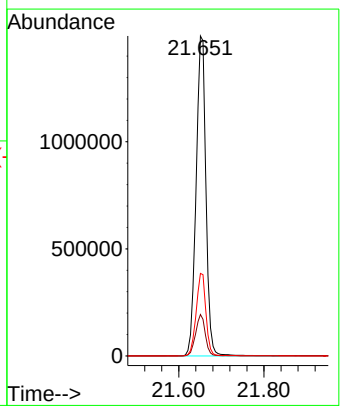


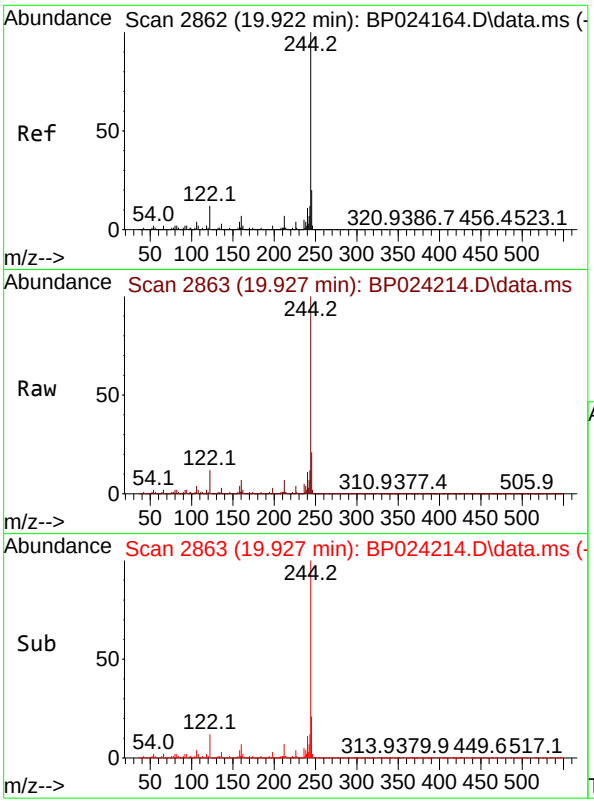


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Tgt Ion:240 Resp: 2389803

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.2	13.8
236	25.8	20.4	30.6



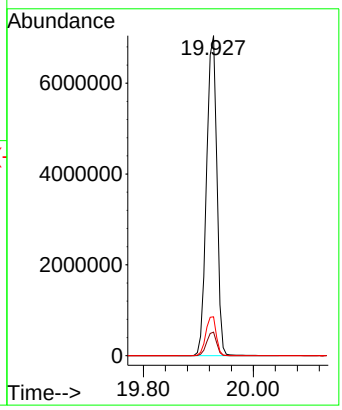


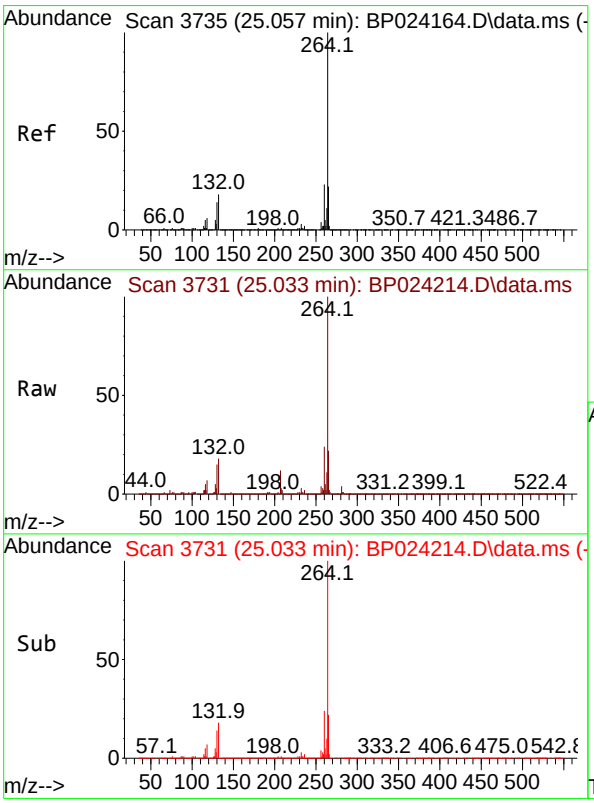
#79
Terphenyl-d14
Concen: 79.351 ng
RT: 19.927 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325

Tgt Ion:244 Resp: 9186658

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	12.2	9.6	14.4

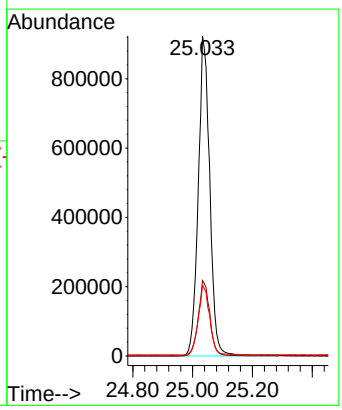




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 3731
Delta R.T. -0.024 min
Lab File: BP024214.D
Acq: 08 Apr 2025 15:45

Tgt Ion:264 Resp: 2460085

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.1	17.7	26.5



Raw Data: **BP024217.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.5
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
BP024217.D	1	04/07/25 08:55	04/08/25 17:47	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.024	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.4		35 - 115		58%	SPK: 150
13127-88-3	Phenol-d6	88.3		34 - 127		59%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.1		37 - 122		58%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.0		44 - 115		55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.1		39 - 132		65%	SPK: 150
1718-51-0	Terphenyl-d14	64.0		54 - 127		64%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372000	7.74				
1146-65-2	Naphthalene-d8	1570000	10.516				
15067-26-2	Acenaphthene-d10	1070000	14.387				
1517-22-2	Phenanthrene-d10	2240000	17.187				

Raw Data: **BP024217.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-16-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.5
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
BP024217.D	1	04/07/25 08:55	04/08/25 17:47	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2390000	21.645				
1520-96-3	Perylene-d12	2420000	25.016				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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\BP040825\
Data File : BP024217.D
Acq On : 08 Apr 2025 17:47
Operator : RC/JU
Sample : Q1730-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Quant Time: Apr 08 18:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

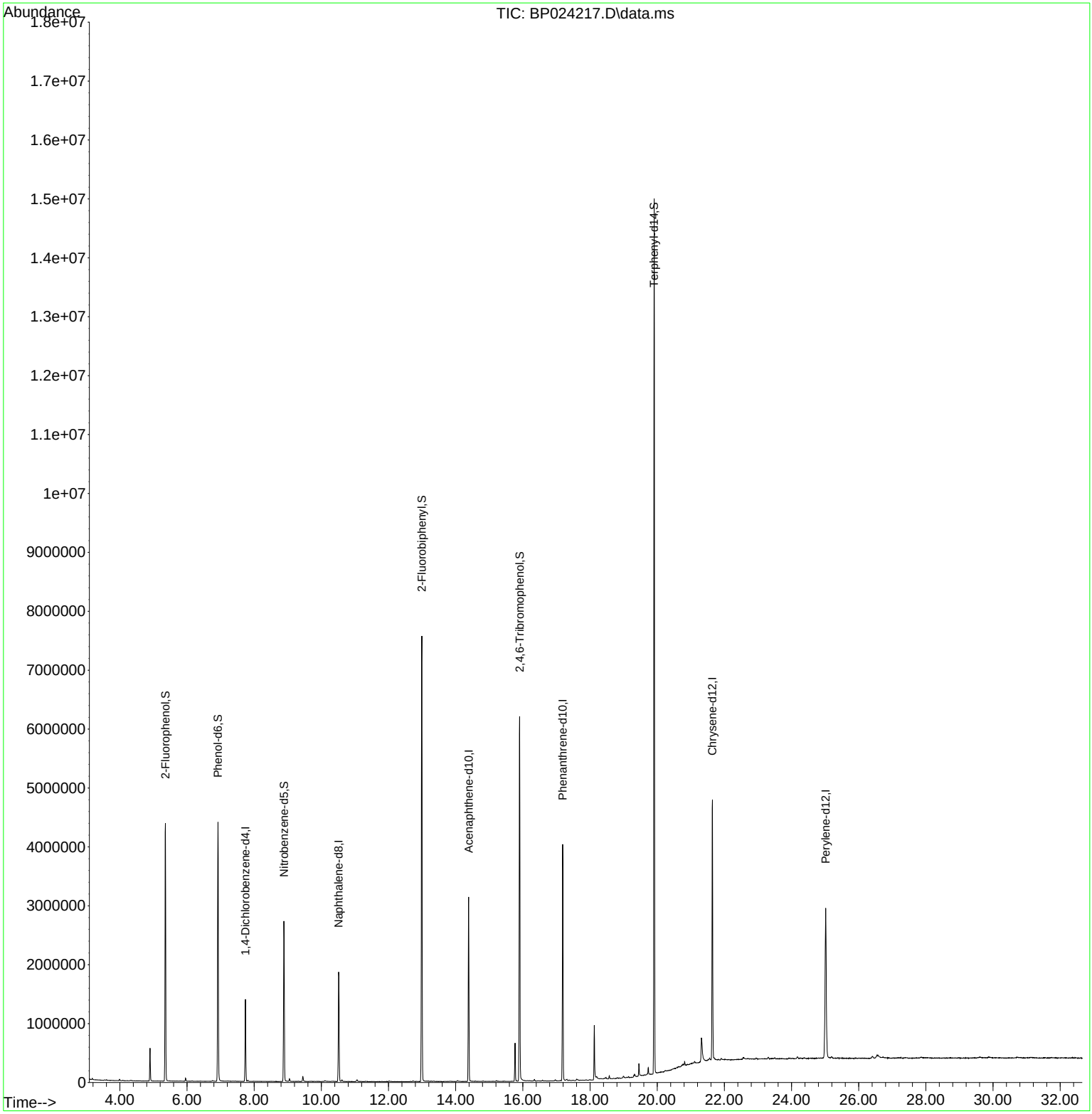
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	371539	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1565639	20.000	ng	-0.04
39) Acenaphthene-d10	14.387	164	1070035	20.000	ng	-0.02
64) Phenanthrene-d10	17.187	188	2242625	20.000	ng	-0.02
76) Chrysene-d12	21.645	240	2386604	20.000	ng	-0.01
86) Perylene-d12	25.016	264	2424308	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2034692	87.419	ng	-0.02
7) Phenol-d6	6.922	99	2747437	88.271	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1613480	58.145	ng	-0.04
42) 2,4,6-Tribromophenol	15.904	330	1321971	98.080	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3991458	55.003	ng	-0.02
79) Terphenyl-d14	19.910	244	7404845	64.046	ng	-0.01
Target Compounds						Qvalue

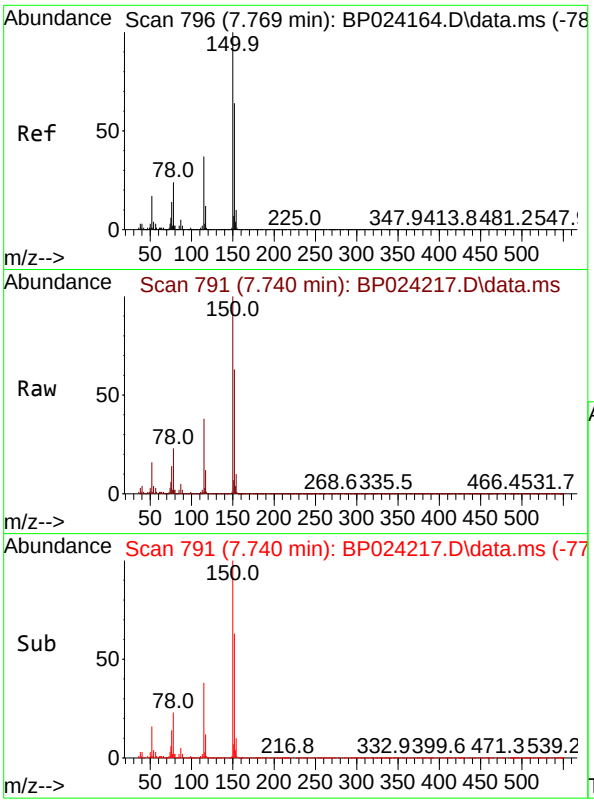
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024217.D
Acq On : 08 Apr 2025 17:47
Operator : RC/JU
Sample : Q1730-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Quant Time: Apr 08 18:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



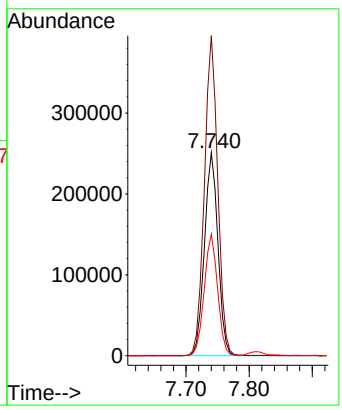


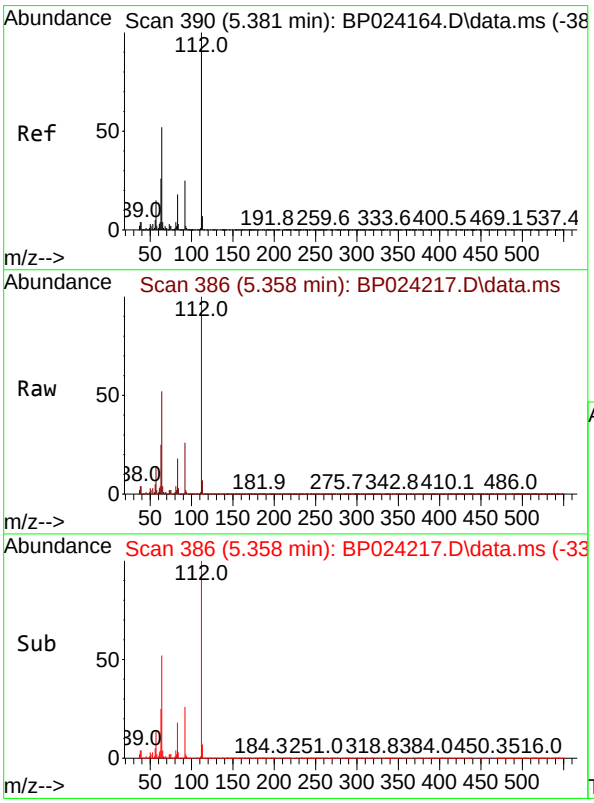
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Tgt Ion:152 Resp: 371539

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.5	188.3
115	59.8	46.3	69.5

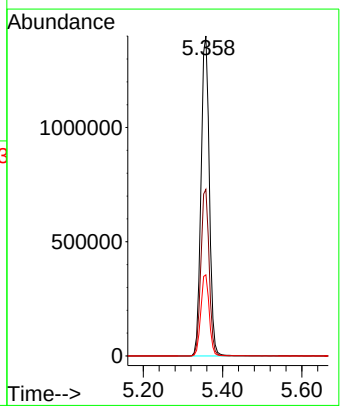


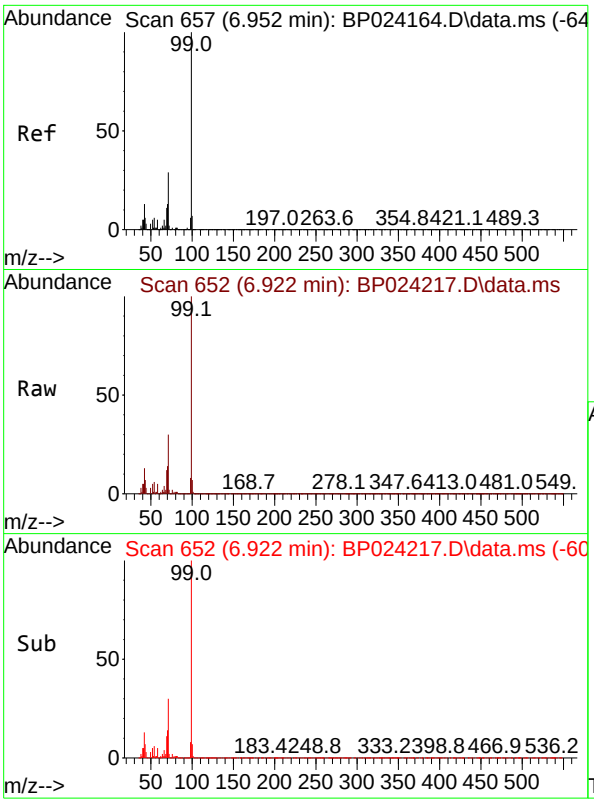


#5
2-Fluorophenol
Concen: 87.419 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion:112 Resp: 2034692

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.3	61.9
63	25.3	20.6	31.0



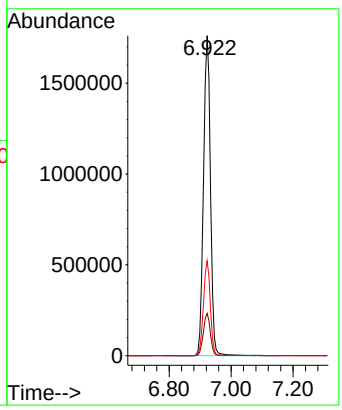


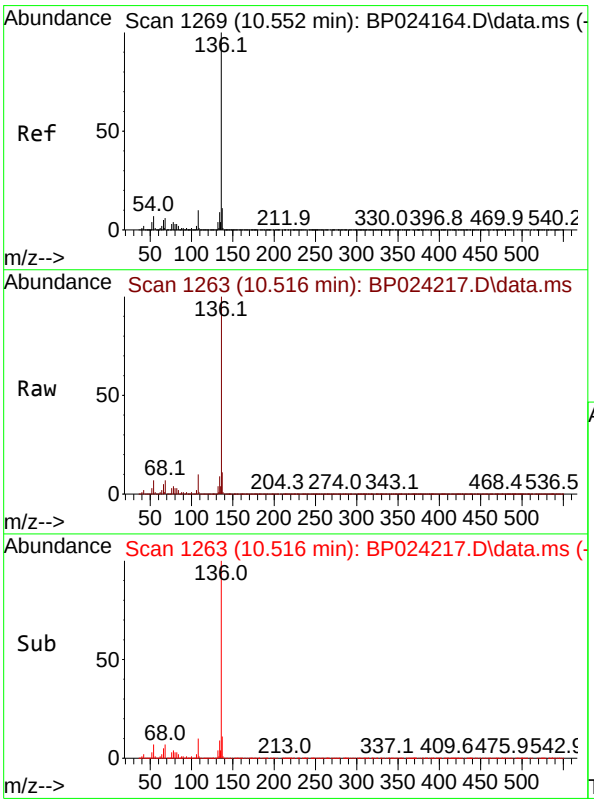
#7
Phenol-d6
Concen: 88.271 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Tgt Ion: 99 Resp: 2747437

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	16.0
71	29.7	23.3	34.9

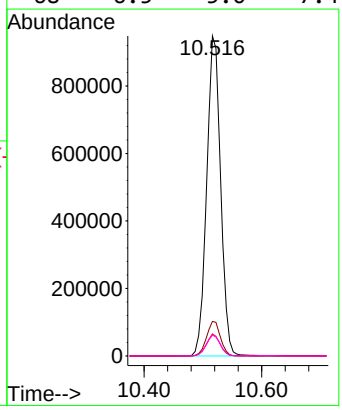


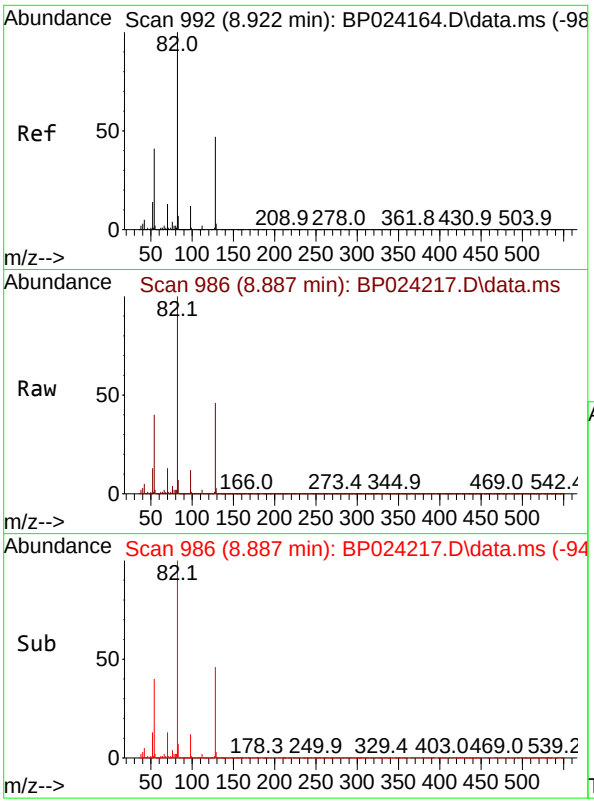


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion:136 Resp: 1565639

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.3	7.9
68	6.5	5.0	7.4



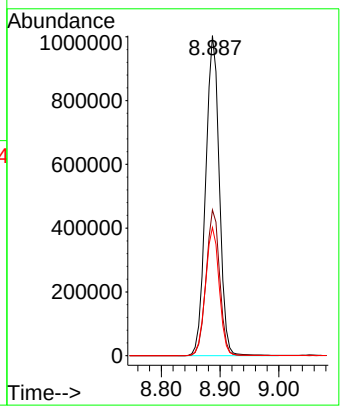


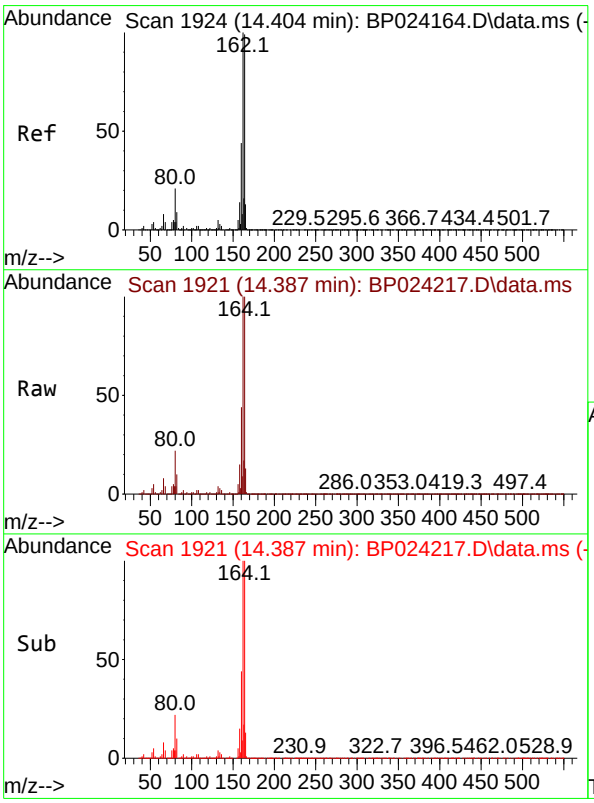
#23
Nitrobenzene-d5
Concen: 58.145 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Tgt Ion: 82 Resp: 1613480

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.0
54	40.1	32.5	48.7

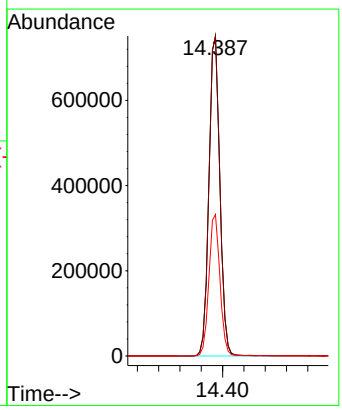


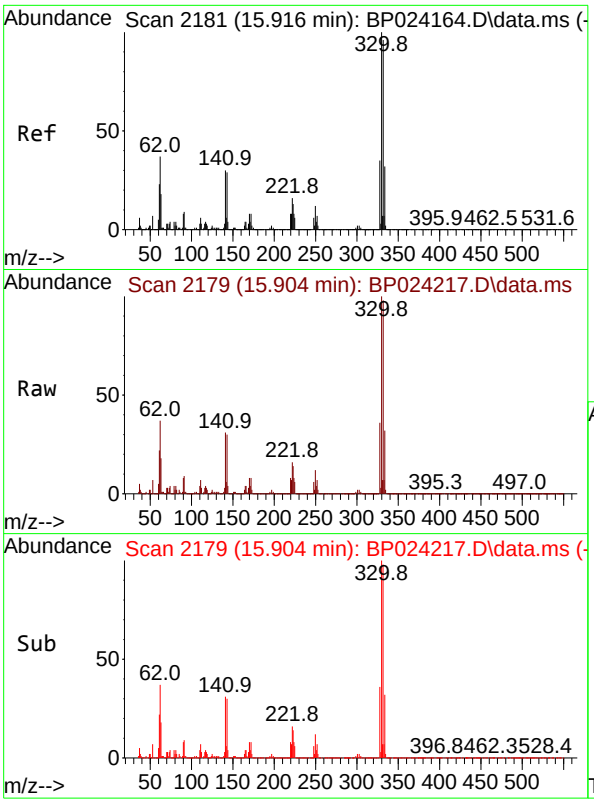


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.018 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion:164 Resp: 1070035

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	44.2	35.4	53.2



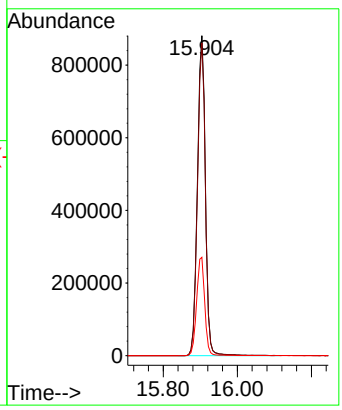


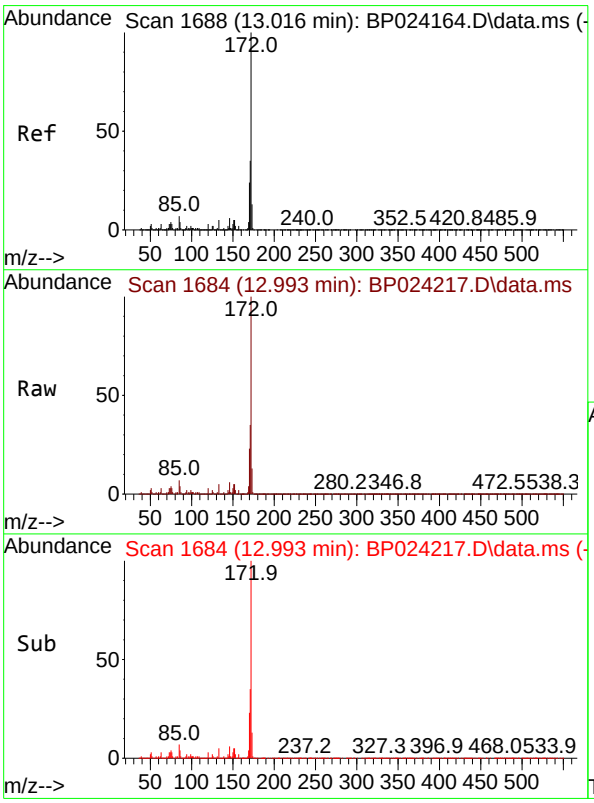
#42
2,4,6-Tribromophenol
Concen: 98.080 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Tgt Ion:330 Resp: 1321971

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	31.3	25.0	37.6

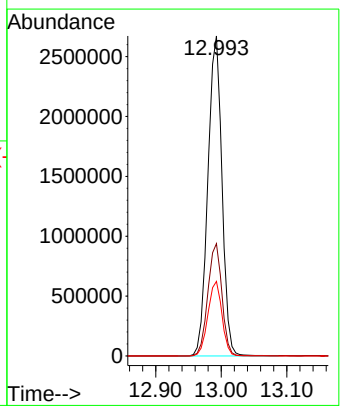


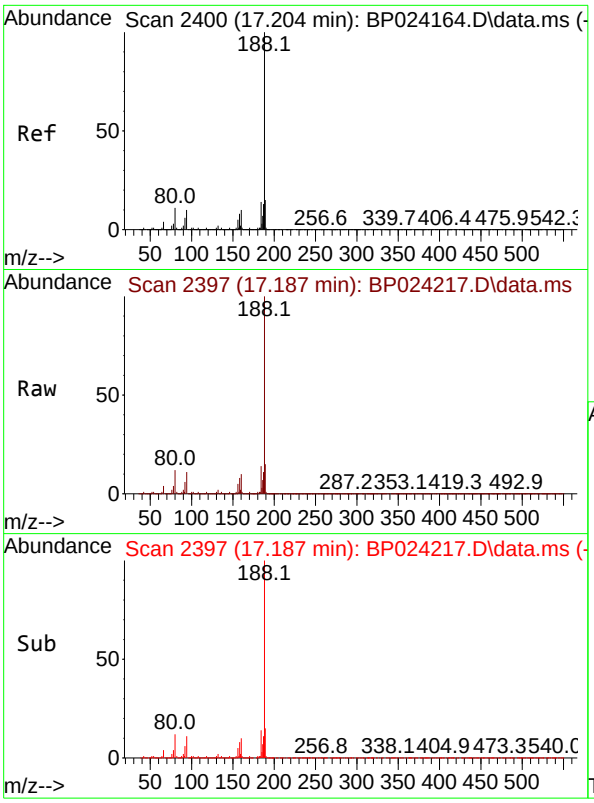


#45
2-Fluorobiphenyl
Concen: 55.003 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion:172 Resp: 3991458

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.3	19.0	28.4



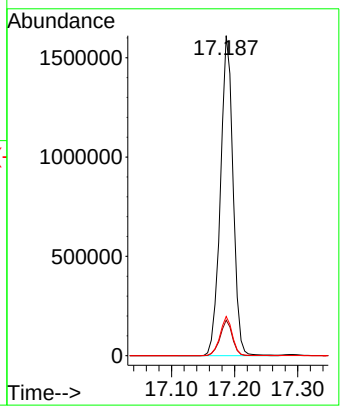


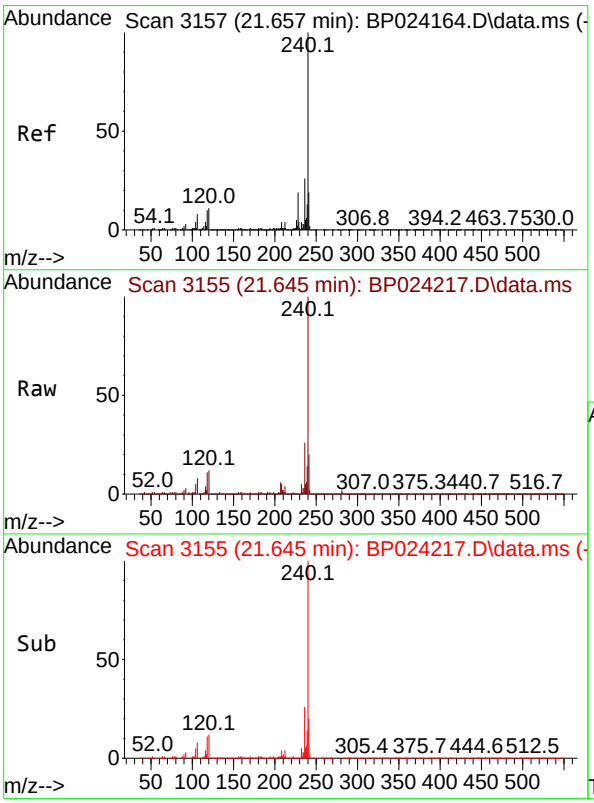
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Tgt Ion:188 Resp: 2242625

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.1	12.1
80	12.2	8.9	13.3

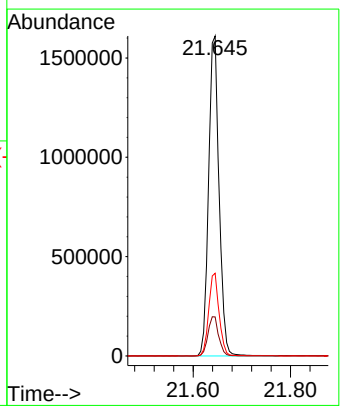


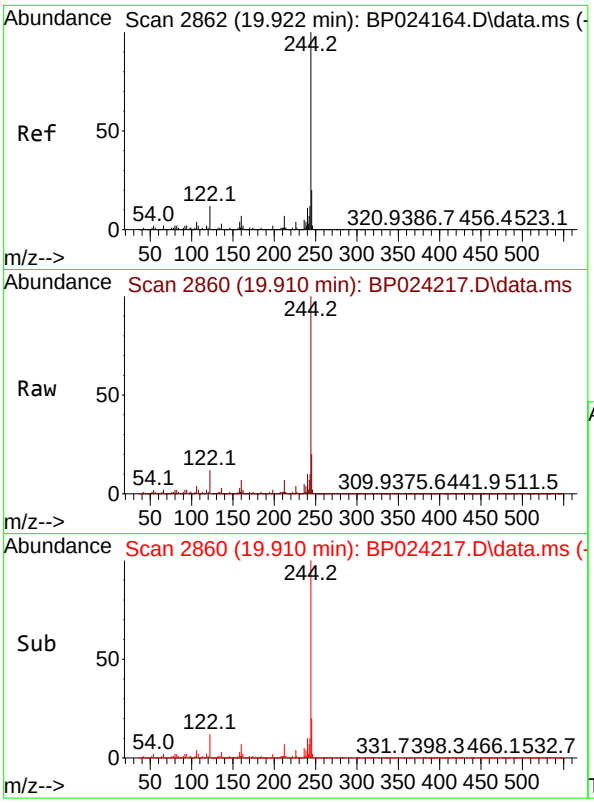


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion:240 Resp: 2386604

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.9	20.4	30.6



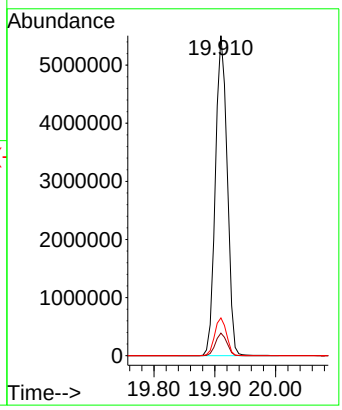


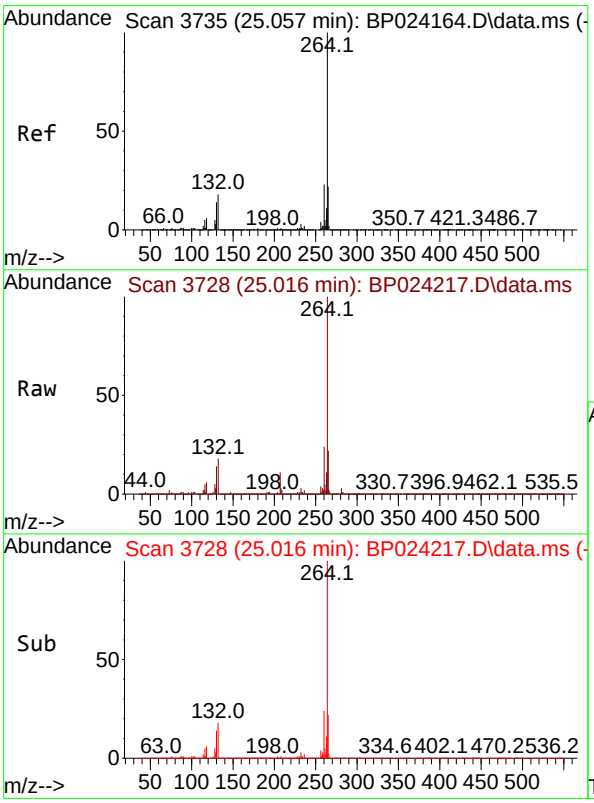
#79
Terphenyl-d14
Concen: 64.046 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-16-040325

Tgt Ion:244 Resp: 7404845

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.8	9.6	14.4

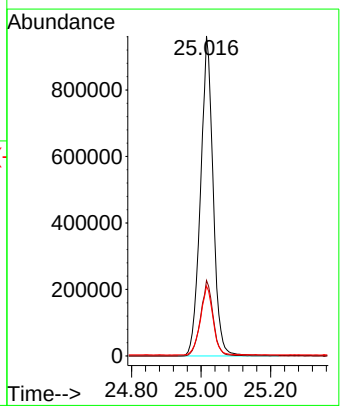




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3728
Delta R.T. -0.041 min
Lab File: BP024217.D
Acq: 08 Apr 2025 17:47

Tgt Ion:264 Resp: 2424308

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.9	17.7	26.5



Raw Data: **BP024218.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
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
BP024218.D	1	04/07/25 08:55	04/08/25 18:28	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.025	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.18	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.0		35 - 115		65%	SPK: 150
13127-88-3	Phenol-d6	101		34 - 127		67%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.5		37 - 122		62%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.6		44 - 115		57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116		39 - 132		77%	SPK: 150
1718-51-0	Terphenyl-d14	60.0		54 - 127		60%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223000	7.74				
1146-65-2	Naphthalene-d8	995000	10.522				
15067-26-2	Acenaphthene-d10	729000	14.381				
1517-22-2	Phenanthrene-d10	1790000	17.18				

Raw Data: **BP024218.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
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
BP024218.D	1	04/07/25 08:55	04/08/25 18:28	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2300000	21.639				
1520-96-3	Perylene-d12	2560000	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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\BP040825\
Data File : BP024218.D
Acq On : 08 Apr 2025 18:28
Operator : RC/JU
Sample : Q1730-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

Quant Time: Apr 09 01:01:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

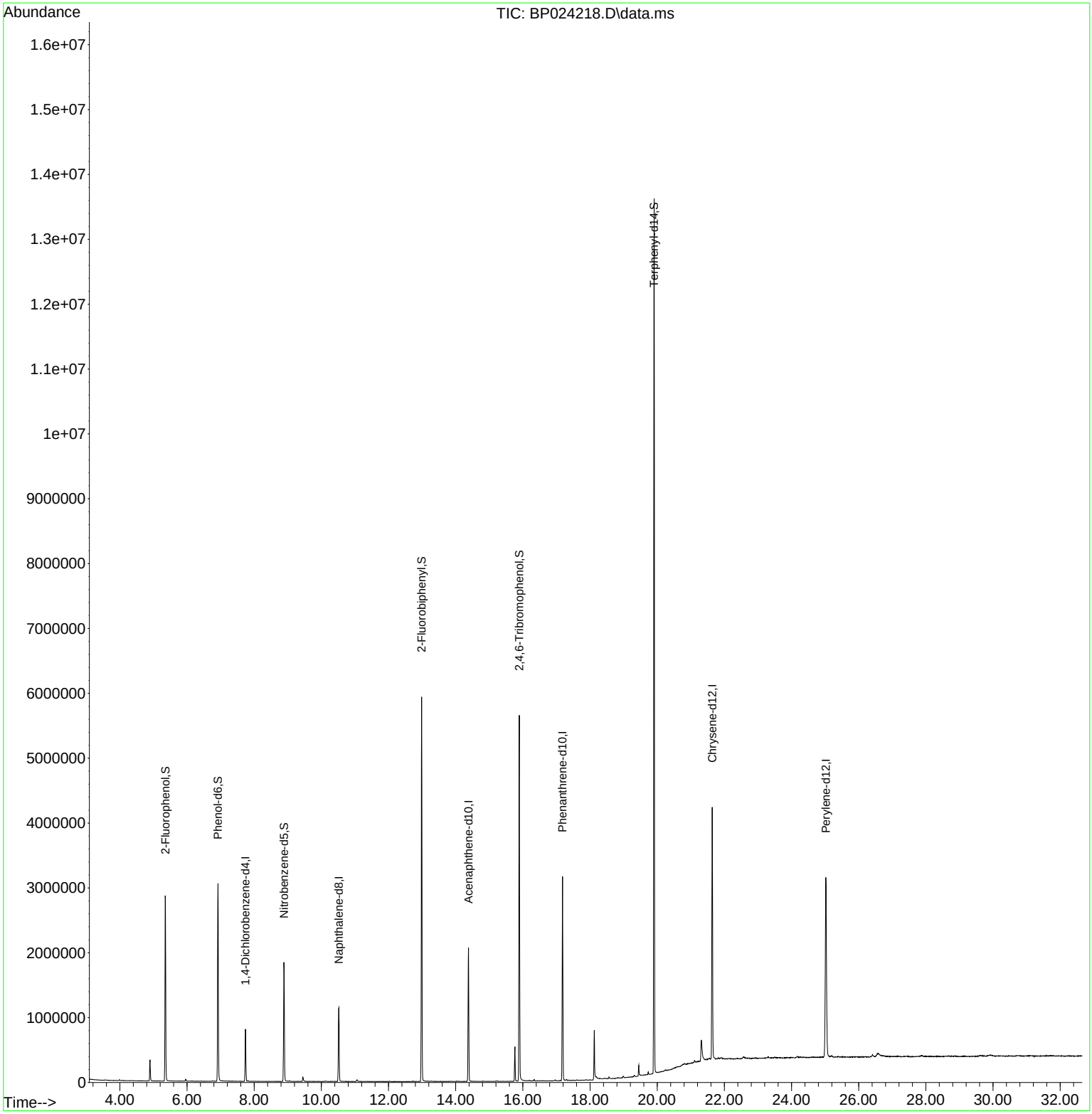
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	223104	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	995133	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	728757	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1794374	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	2303527	20.000	ng	-0.02
86) Perylene-d12	25.021	264	2559475	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1369904	98.015	ng	-0.02
7) Phenol-d6	6.922	99	1881715	100.679	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1085405	61.539	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	1062409	115.736	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2798691	56.627	ng	-0.03
79) Terphenyl-d14	19.910	244	6698378	60.025	ng	-0.01
Target Compounds						Qvalue

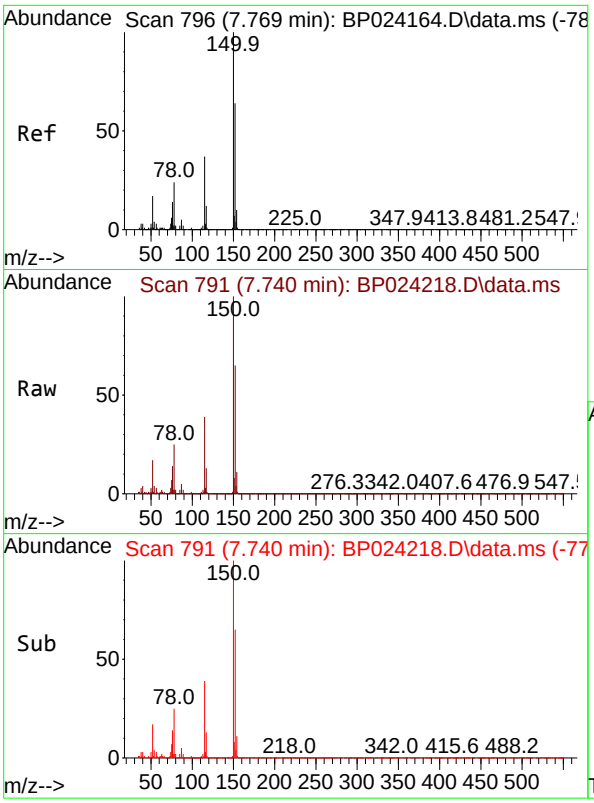
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024218.D
Acq On : 08 Apr 2025 18:28
Operator : RC/JU
Sample : Q1730-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

Quant Time: Apr 09 01:01:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



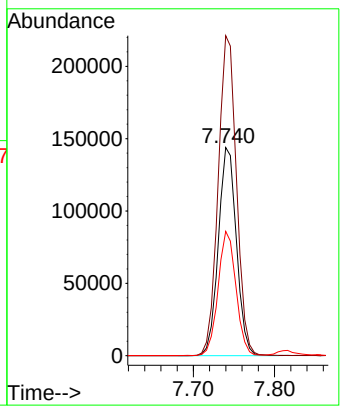


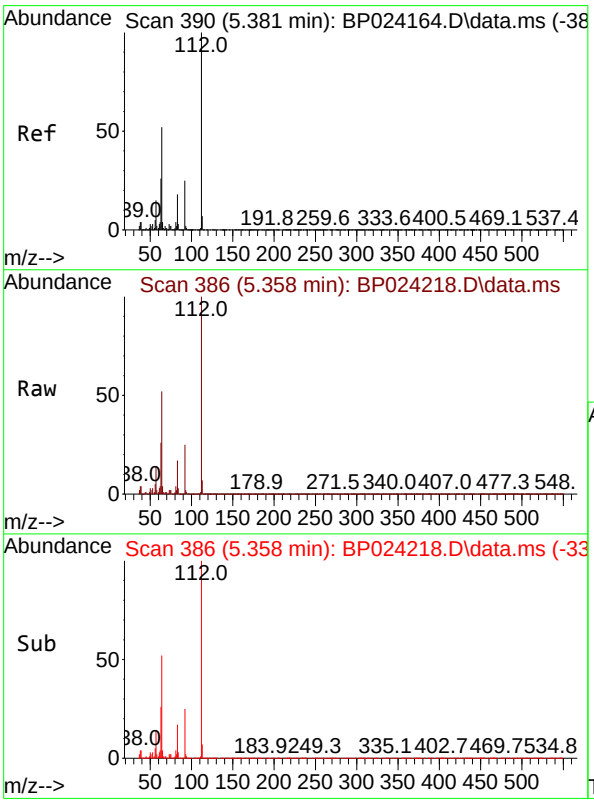
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

Tgt Ion:152 Resp: 223104

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.5	188.3
115	59.7	46.3	69.5

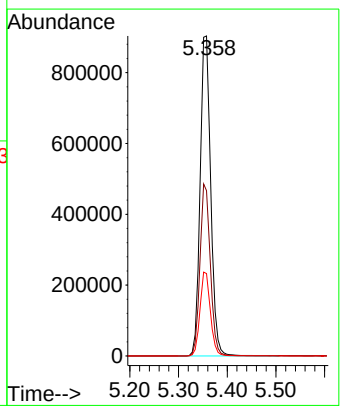


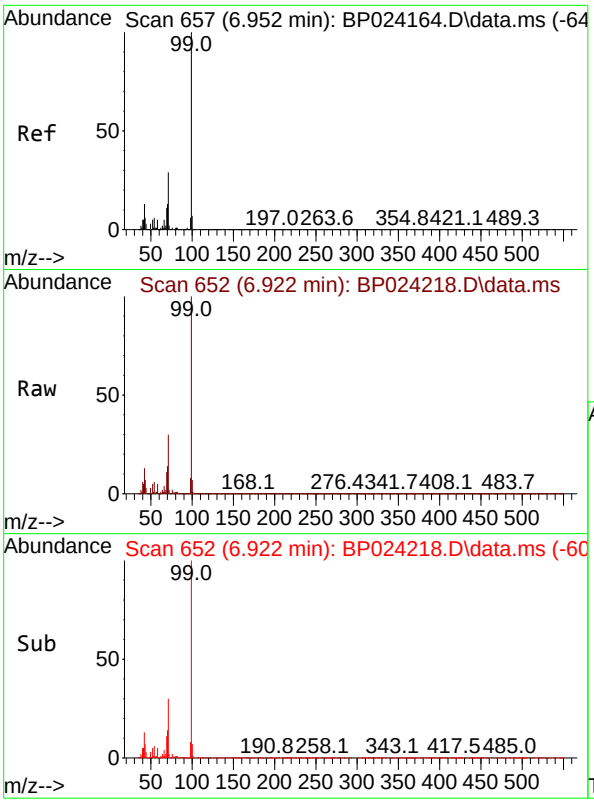


#5
2-Fluorophenol
Concen: 98.015 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:112 Resp: 1369904

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.3	61.9
63	25.7	20.6	31.0



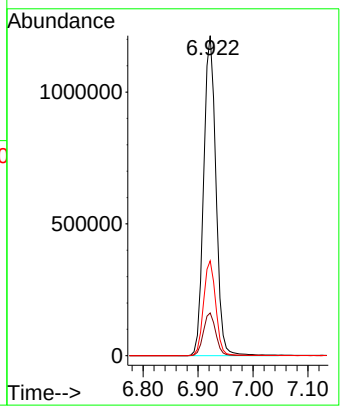


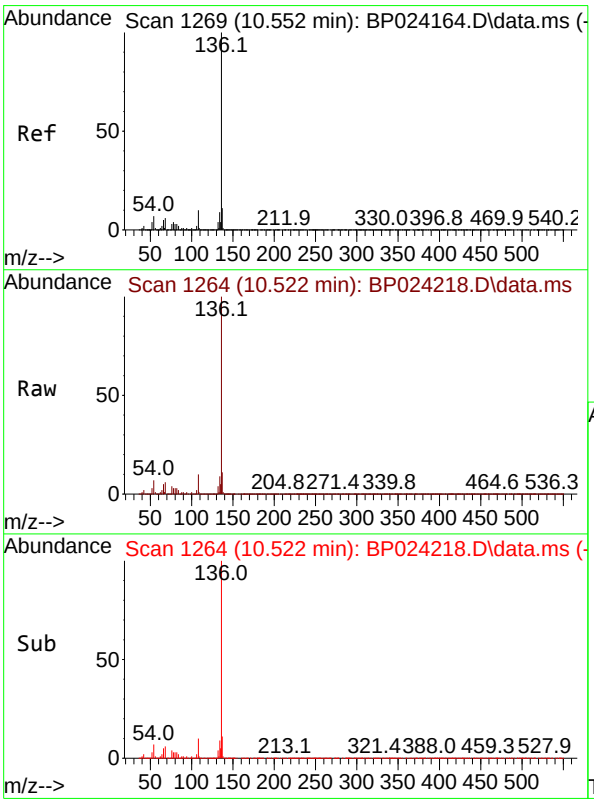
#7
Phenol-d6
Concen: 100.679 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

Tgt Ion: 99 Resp: 1881715

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.6	23.3	34.9

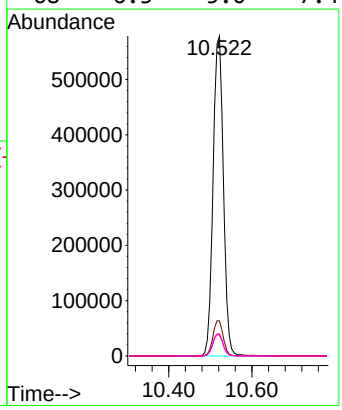


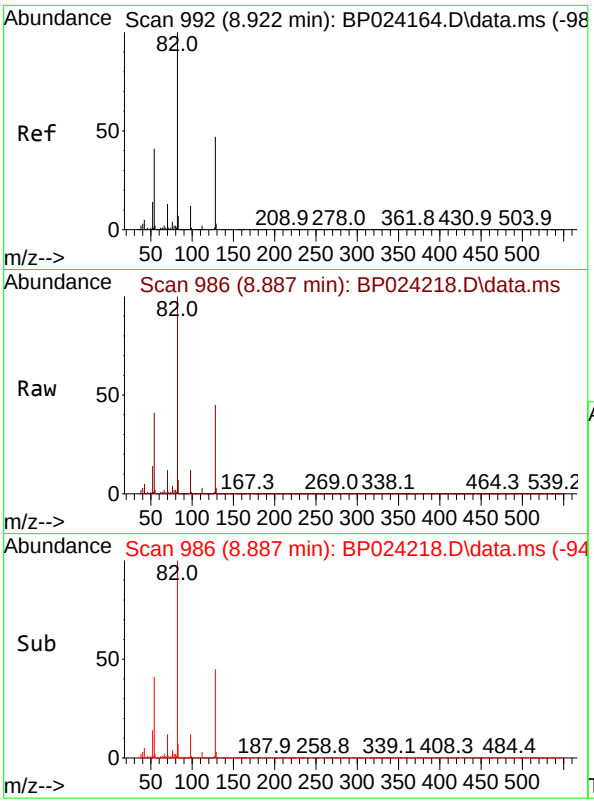


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.030 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:136 Resp: 995133

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.9	5.3	7.9
68	6.3	5.0	7.4



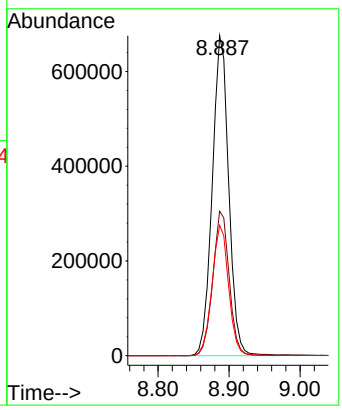


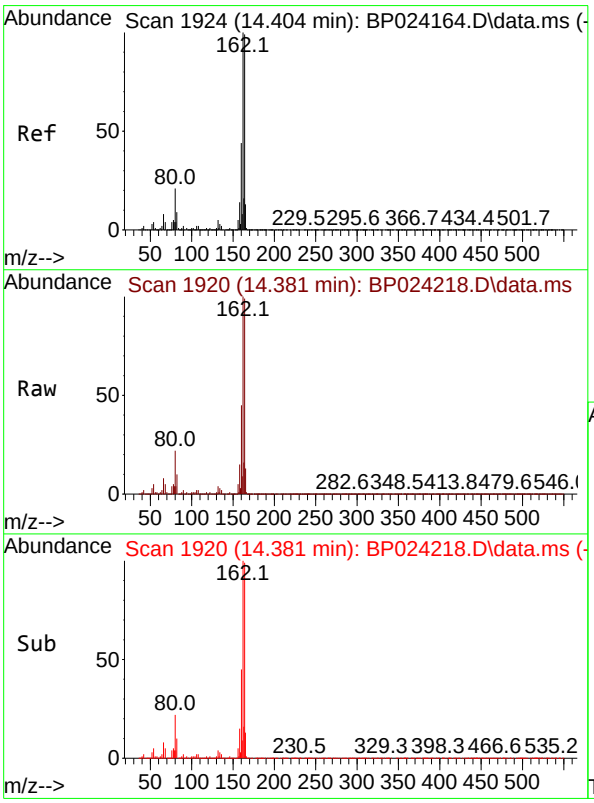
#23
Nitrobenzene-d5
Concen: 61.539 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.036 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

Tgt Ion: 82 Resp: 1085405

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.4	56.0
54	40.8	32.5	48.7

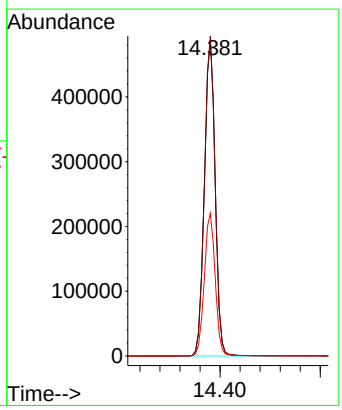


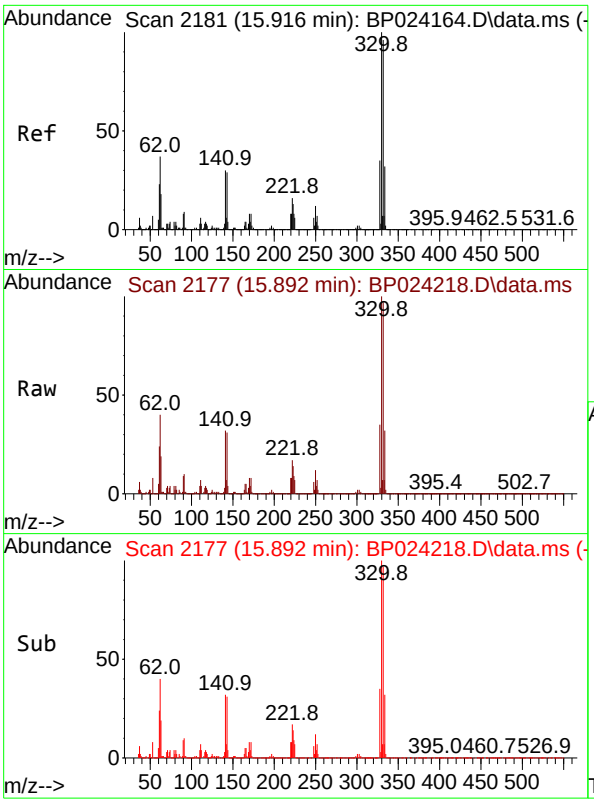


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:164 Resp: 728757

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	121.0
160	45.2	35.4	53.2



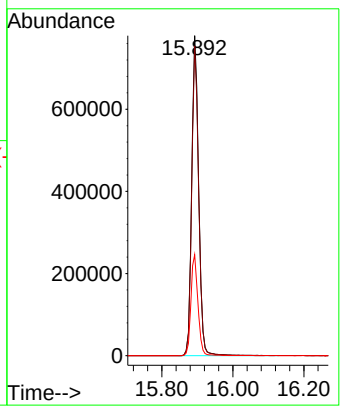


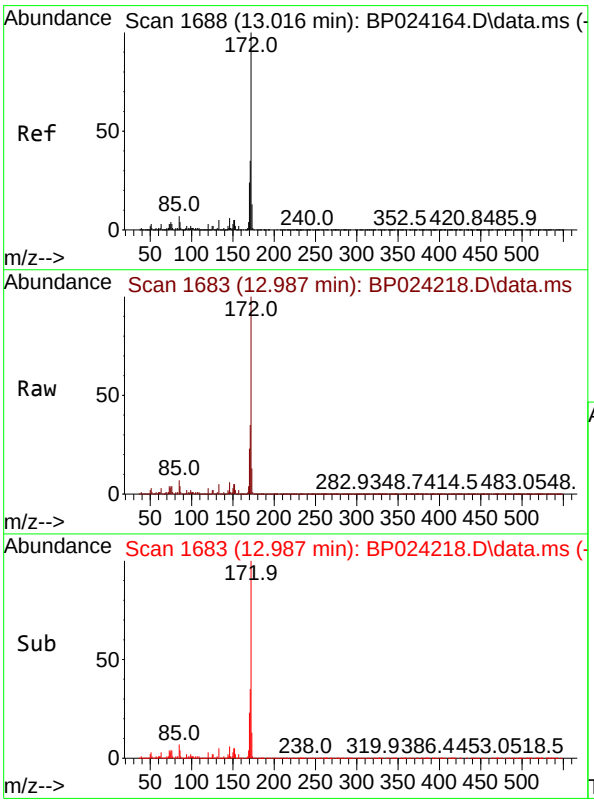
#42
2,4,6-Tribromophenol
Concen: 115.736 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

Tgt Ion:330 Resp: 1062409

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	31.7	25.0	37.6

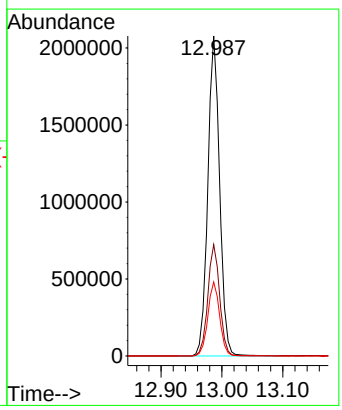


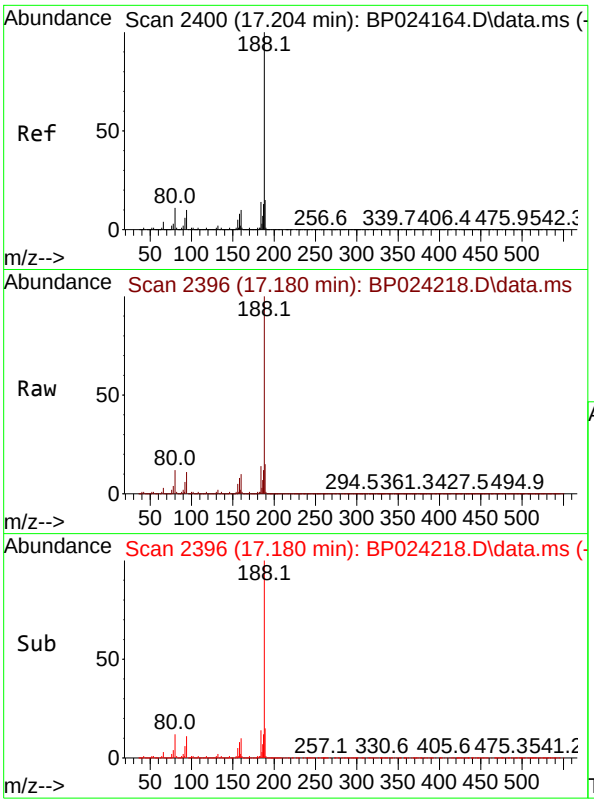


#45
2-Fluorobiphenyl
Concen: 56.627 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.030 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:172 Resp: 2798691

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.1	19.0	28.4



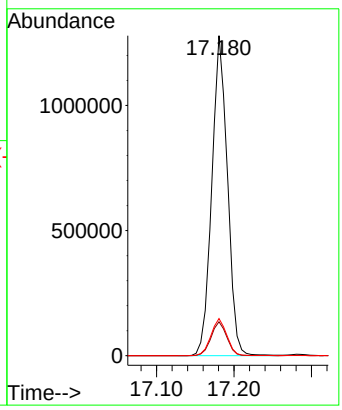


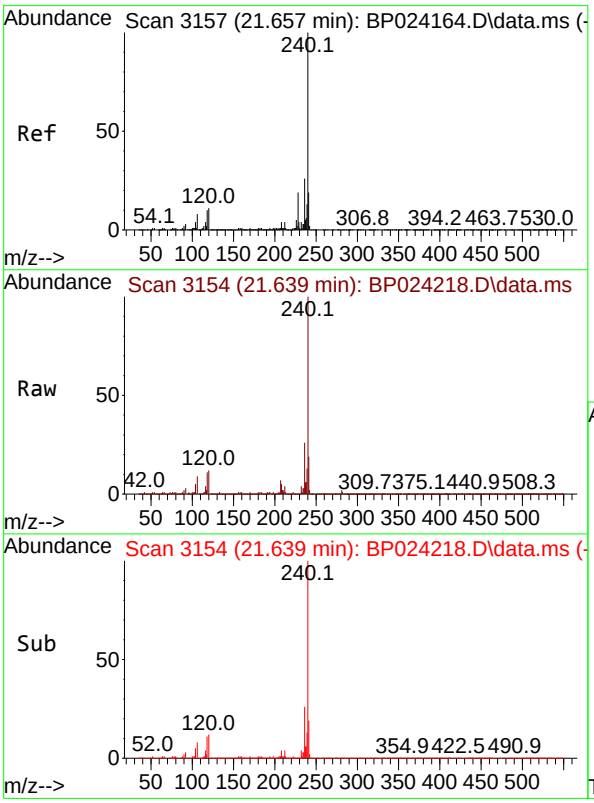
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

Tgt Ion:188 Resp: 1794374

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.6	8.9	13.3

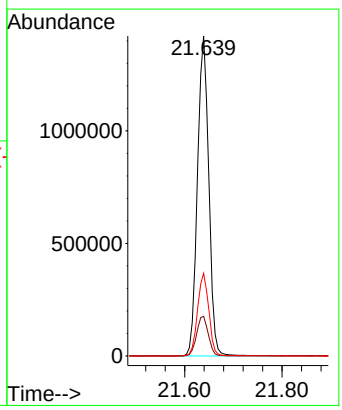


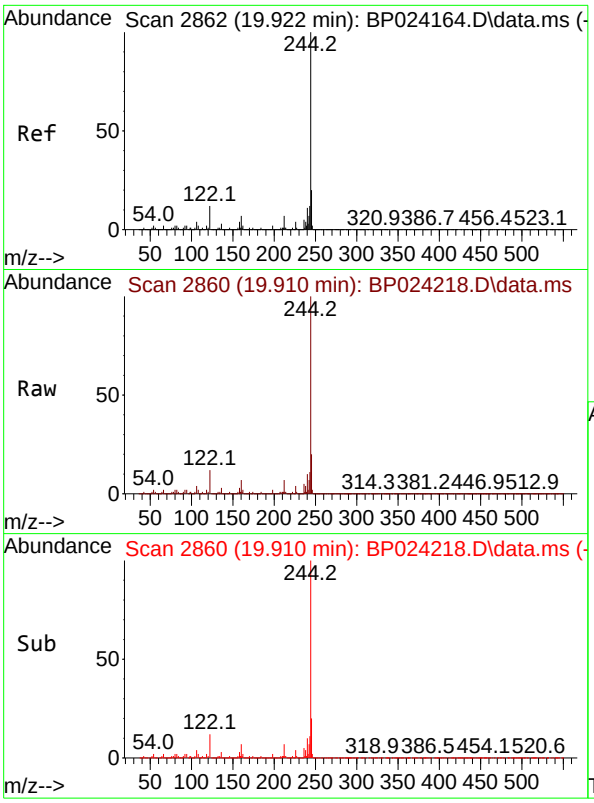


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:240 Resp: 2303527

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.2	13.8
236	25.8	20.4	30.6



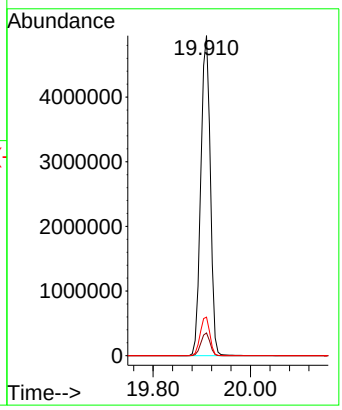


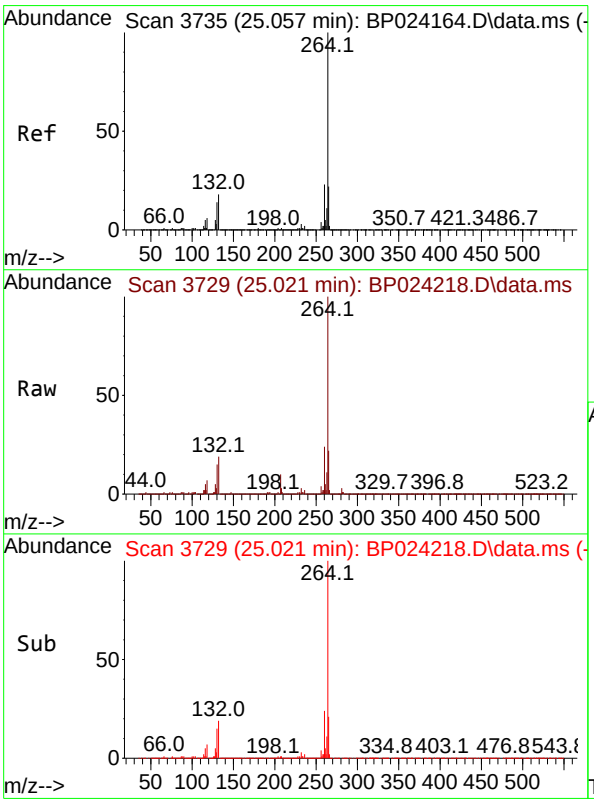
#79
Terphenyl-d14
Concen: 60.025 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-17-040325

Tgt Ion:244 Resp: 6698378

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.0	9.6	14.4

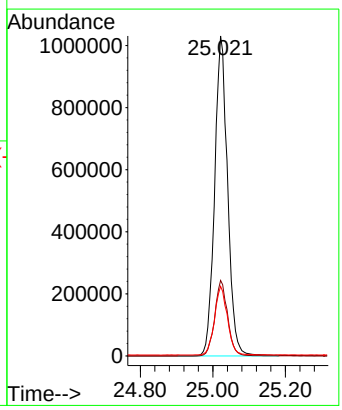




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3729
Delta R.T. -0.036 min
Lab File: BP024218.D
Acq: 08 Apr 2025 18:28

Tgt Ion:264 Resp: 2559475

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.8	17.7	26.5



Raw Data: **BP024219.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
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
BP024219.D	1	04/07/25 08:55	04/08/25 19:09	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.15	U	0.026	0.15	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.15	U	0.029	0.15	0.19	mg/Kg
208-96-8	Acenaphthylene	0.15	U	0.032	0.15	0.19	mg/Kg
83-32-9	Acenaphthene	0.15	U	0.024	0.15	0.19	mg/Kg
86-73-7	Fluorene	0.15	U	0.028	0.15	0.19	mg/Kg
85-01-8	Phenanthrene	0.15	U	0.023	0.15	0.19	mg/Kg
120-12-7	Anthracene	0.15	U	0.037	0.15	0.19	mg/Kg
206-44-0	Fluoranthene	0.15	U	0.034	0.15	0.19	mg/Kg
129-00-0	Pyrene	0.15	U	0.040	0.15	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.15	U	0.026	0.15	0.19	mg/Kg
218-01-9	Chrysene	0.15	U	0.022	0.15	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.15	U	0.021	0.15	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.15	U	0.025	0.15	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.15	U	0.033	0.15	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.15	U	0.033	0.15	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.15	U	0.031	0.15	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.15	U	0.029	0.15	0.19	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.1		35 - 115		59%	SPK: 150
13127-88-3	Phenol-d6	83.0		34 - 127		55%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.9		37 - 122		60%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.7		44 - 115		58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	87.9		39 - 132		59%	SPK: 150
1718-51-0	Terphenyl-d14	59.6		54 - 127		60%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	345000	7.74				
1146-65-2	Naphthalene-d8	1330000	10.516				
15067-26-2	Acenaphthene-d10	772000	14.375				
1517-22-2	Phenanthrene-d10	1470000	17.186				

Raw Data: **BP024219.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-21-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
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
BP024219.D	1	04/07/25 08:55	04/08/25 19:09	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1620000	21.633				
1520-96-3	Perylene-d12	1760000	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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\BP040825\
Data File : BP024219.D
Acq On : 08 Apr 2025 19:09
Operator : RC/JU
Sample : Q1730-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

Quant Time: Apr 09 01:02:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

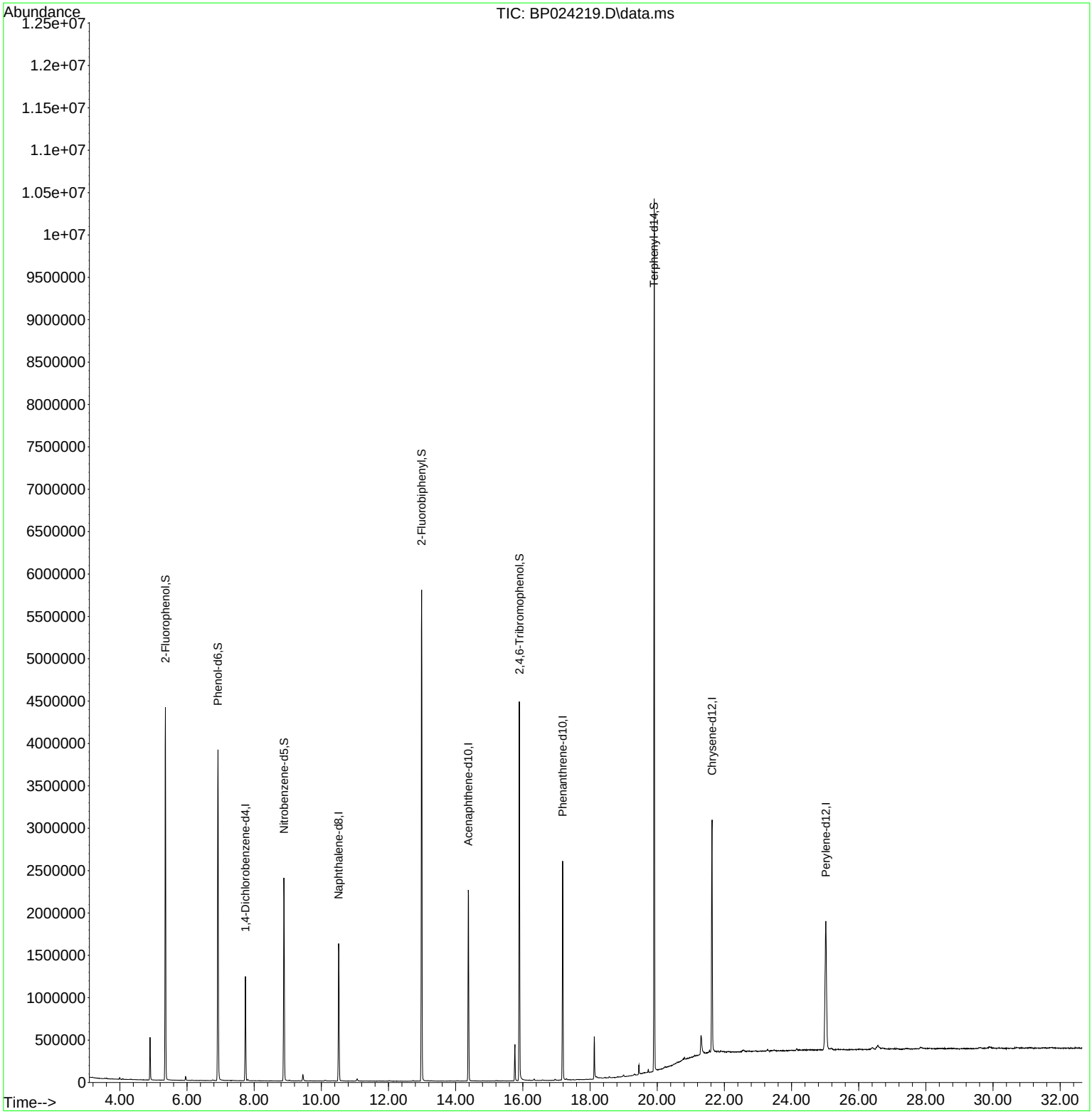
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	344884	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1325237	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	771593	20.000	ng	-0.03
64) Phenanthrene-d10	17.186	188	1471523	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1620391	20.000	ng	-0.02
86) Perylene-d12	25.021	264	1759028	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1904353	88.142	ng	-0.02
7) Phenol-d6	6.922	99	2398018	82.999	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1406535	59.882	ng	-0.04
42) 2,4,6-Tribromophenol	15.898	330	854009	87.868	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	3021460	57.741	ng	-0.03
79) Terphenyl-d14	19.910	244	4676065	59.569	ng	-0.01
Target Compounds						Qvalue

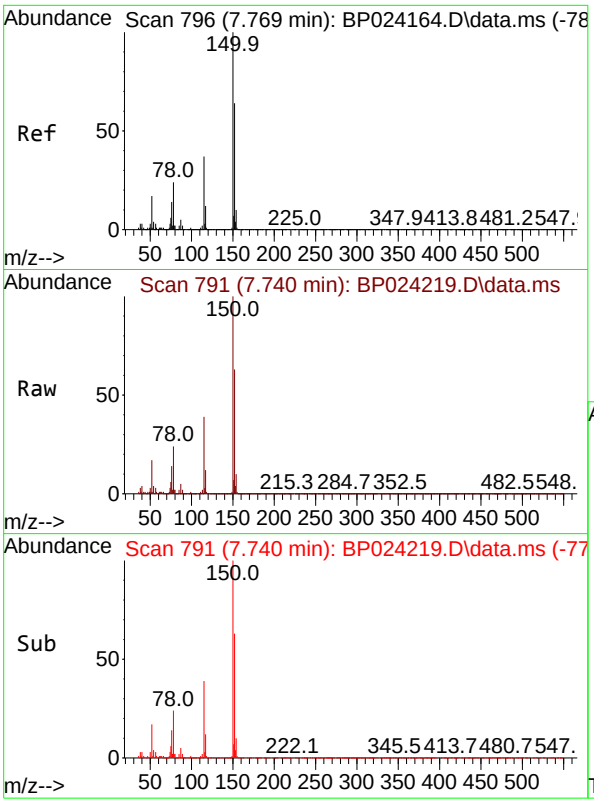
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024219.D
Acq On : 08 Apr 2025 19:09
Operator : RC/JU
Sample : Q1730-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

Quant Time: Apr 09 01:02:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



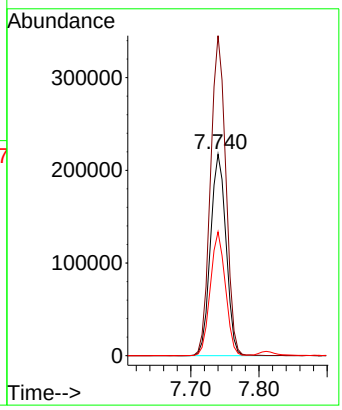


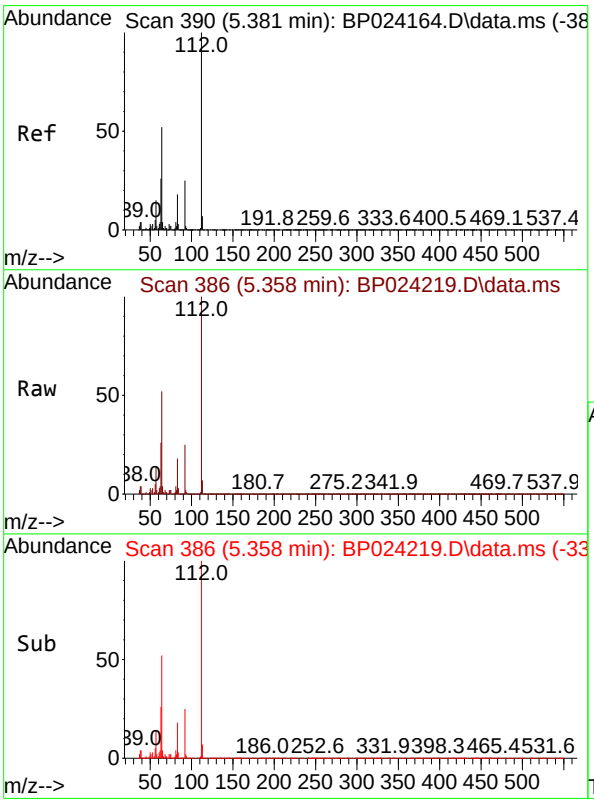
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

Tgt Ion:152 Resp: 344884

Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.5	188.3
115	61.5	46.3	69.5

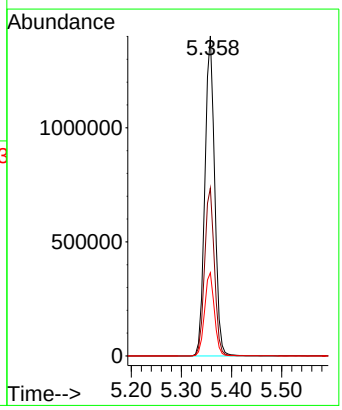


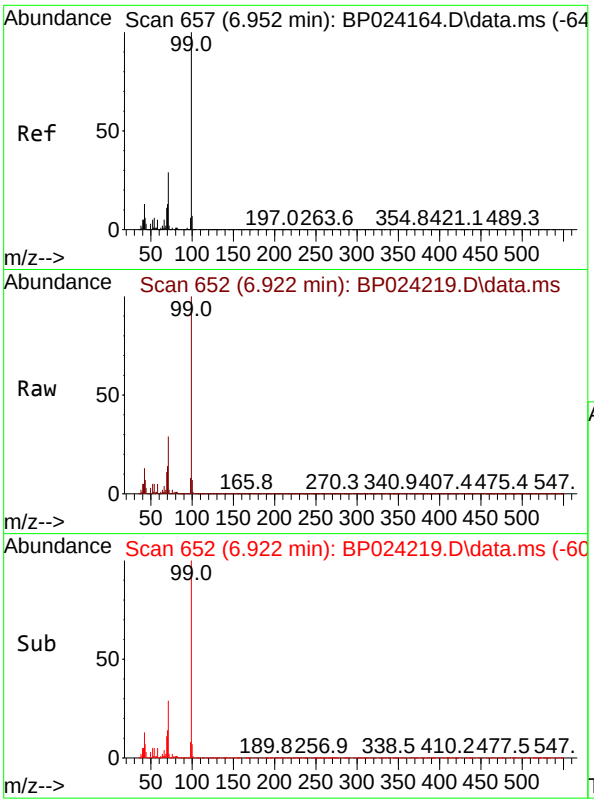


#5
2-Fluorophenol
Concen: 88.142 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:112 Resp: 1904353

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.3	61.9
63	26.0	20.6	31.0



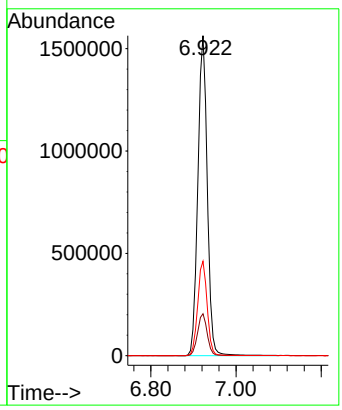


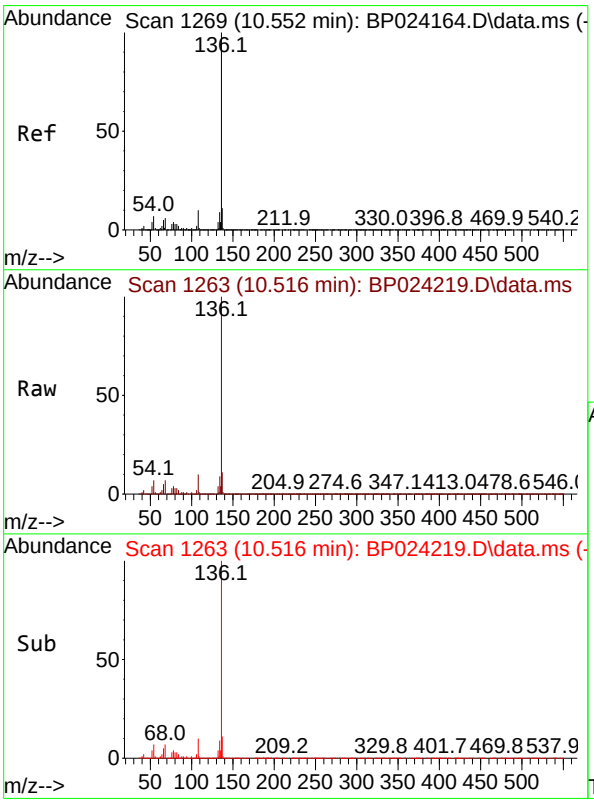
#7
Phenol-d6
Concen: 82.999 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

Tgt Ion: 99 Resp: 2398018

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.5	23.3	34.9

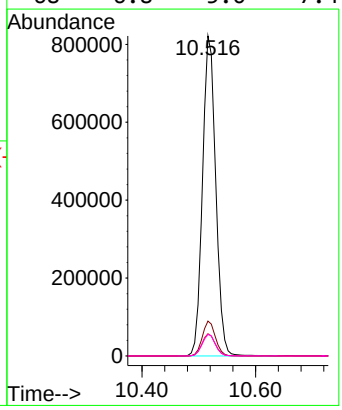


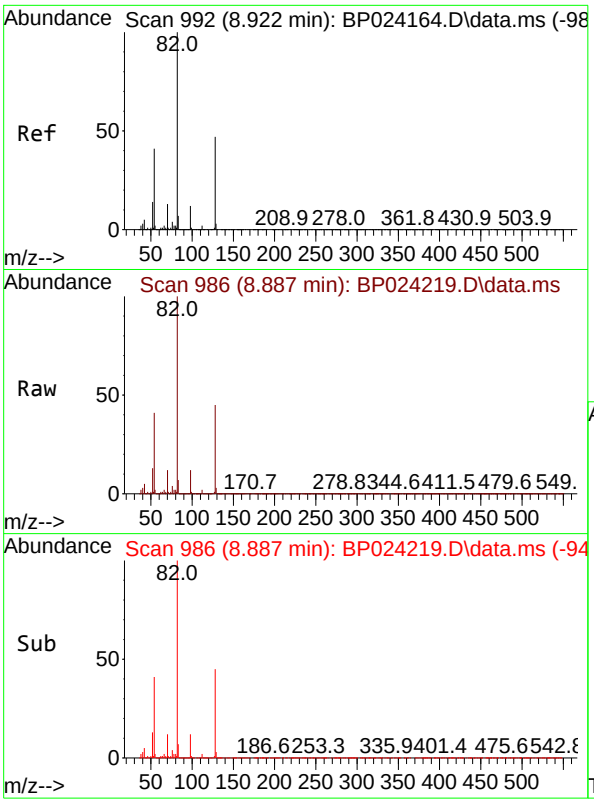


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:136 Resp: 1325237

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.3	7.9
68	6.8	5.0	7.4



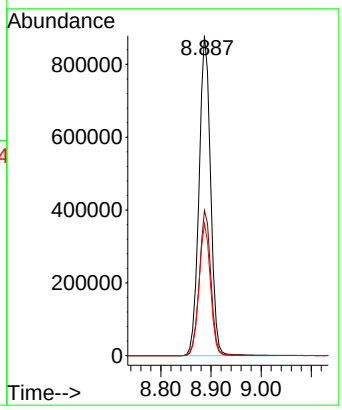


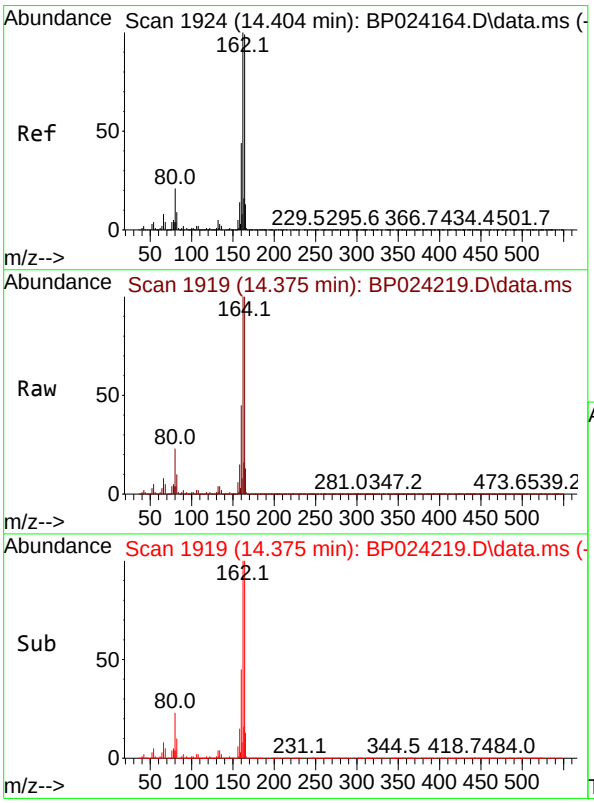
#23
Nitrobenzene-d5
Concen: 59.882 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

Tgt Ion: 82 Resp: 1406535

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.0
54	41.3	32.5	48.7

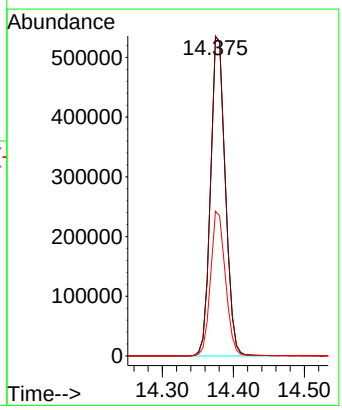


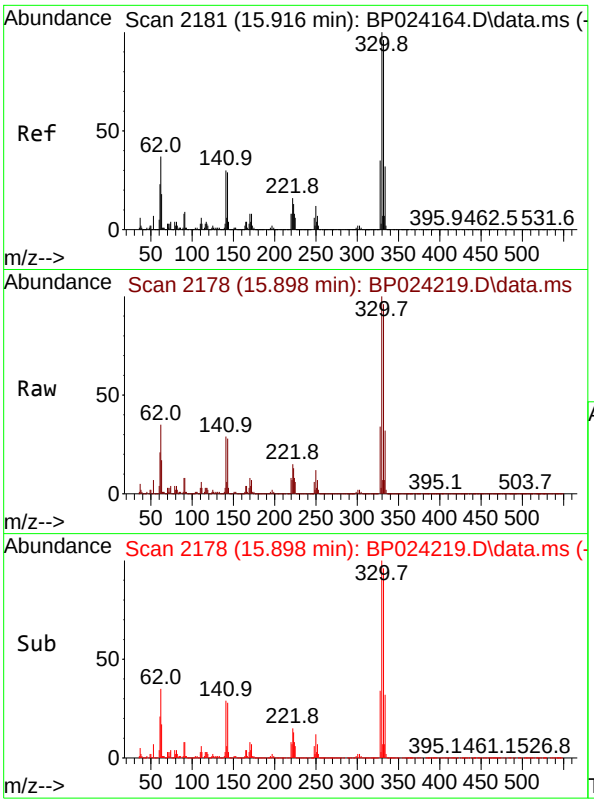


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.030 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:164 Resp: 771593

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	45.4	35.4	53.2



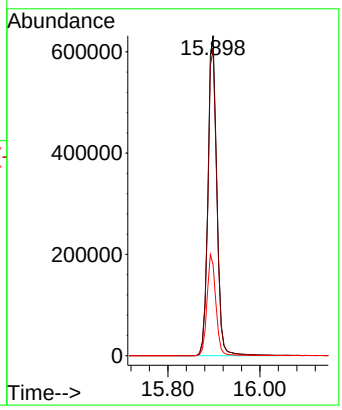


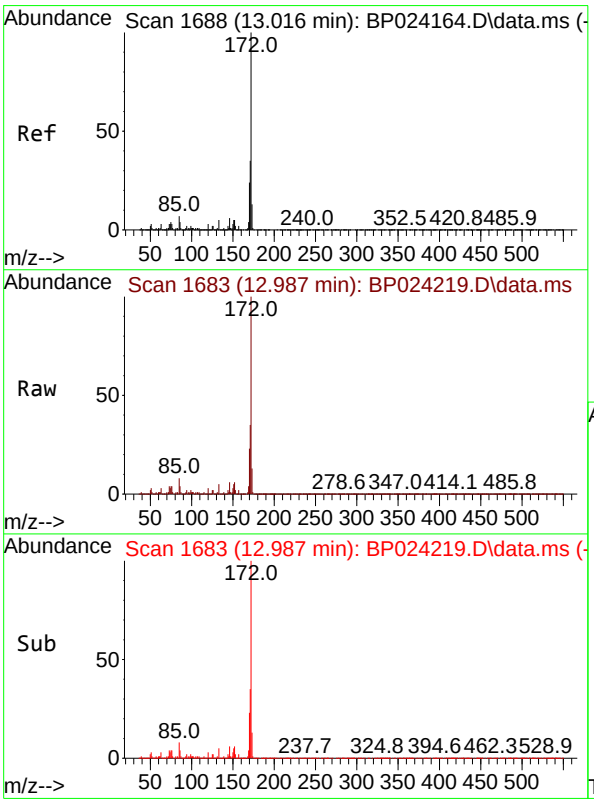
#42
2,4,6-Tribromophenol
Concen: 87.868 ng
RT: 15.898 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

Tgt Ion:330 Resp: 854009

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	31.6	25.0	37.6

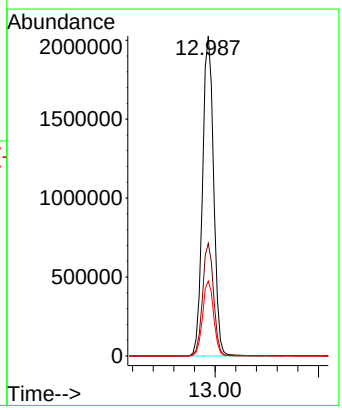


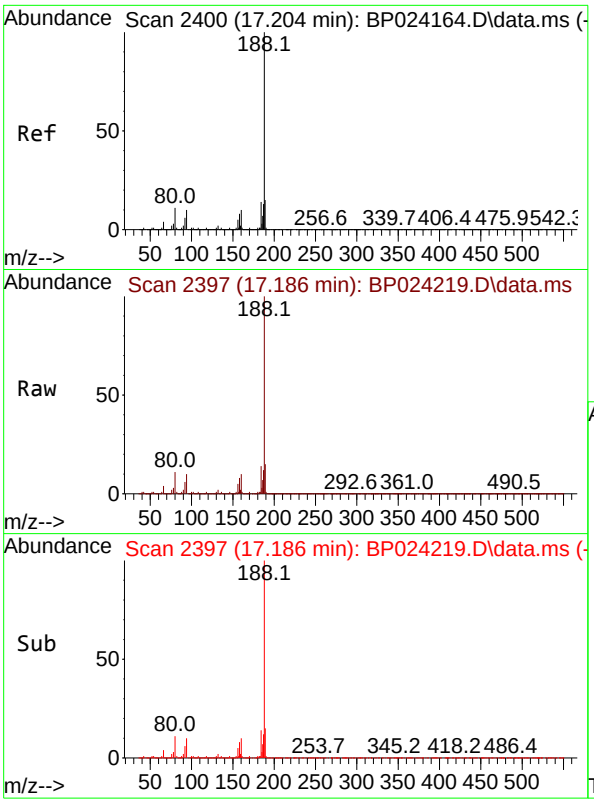


#45
2-Fluorobiphenyl
Concen: 57.741 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.030 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:172 Resp: 3021460

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.4	19.0	28.4



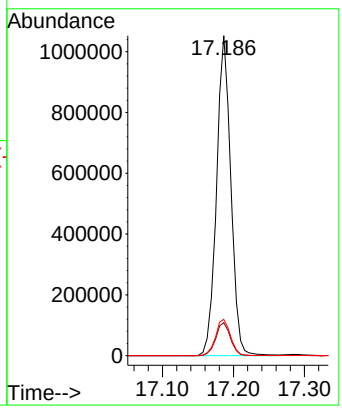


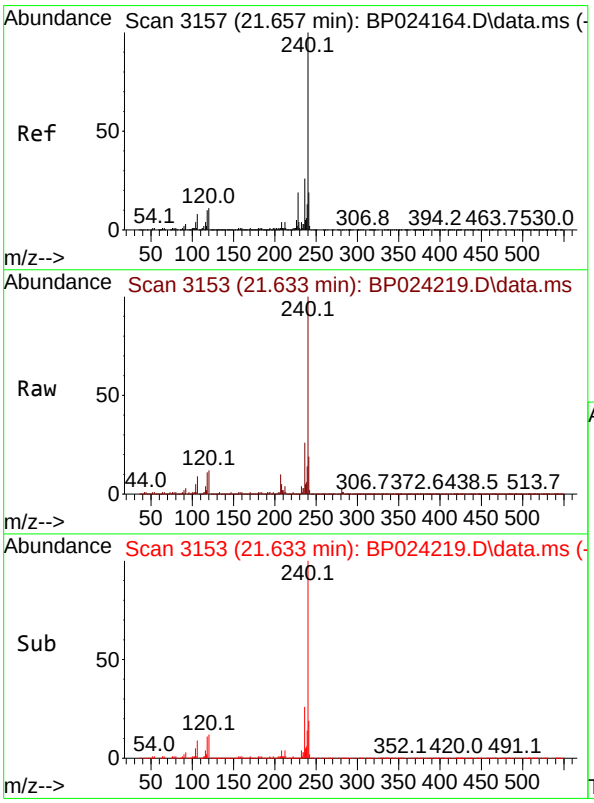
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

Tgt Ion:188 Resp: 1471523

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.4	8.9	13.3

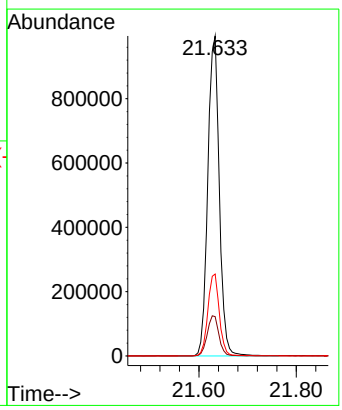


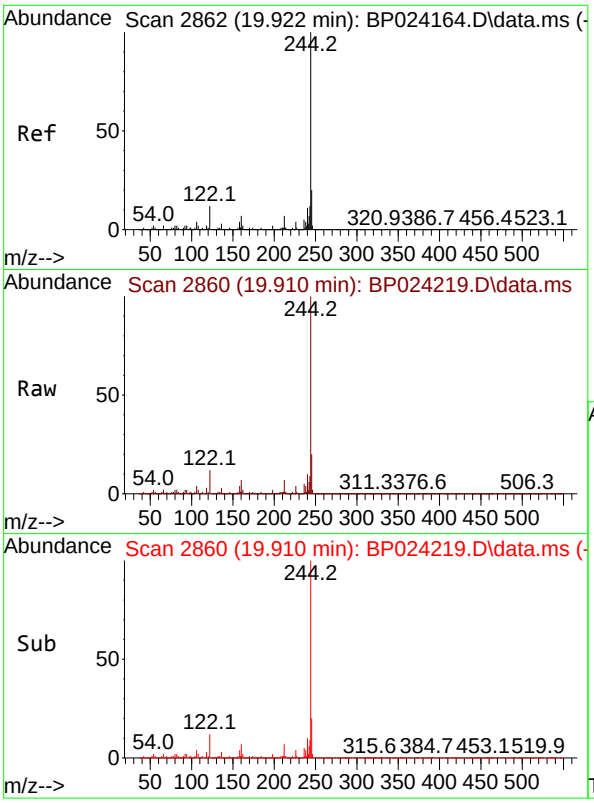


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.024 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:240 Resp: 1620391

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.2	13.8
236	25.6	20.4	30.6



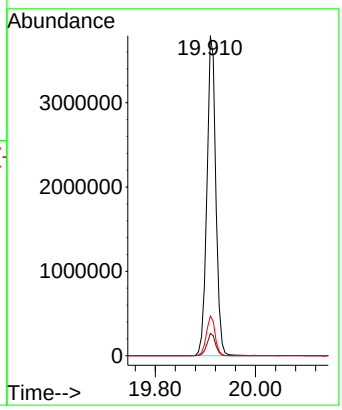


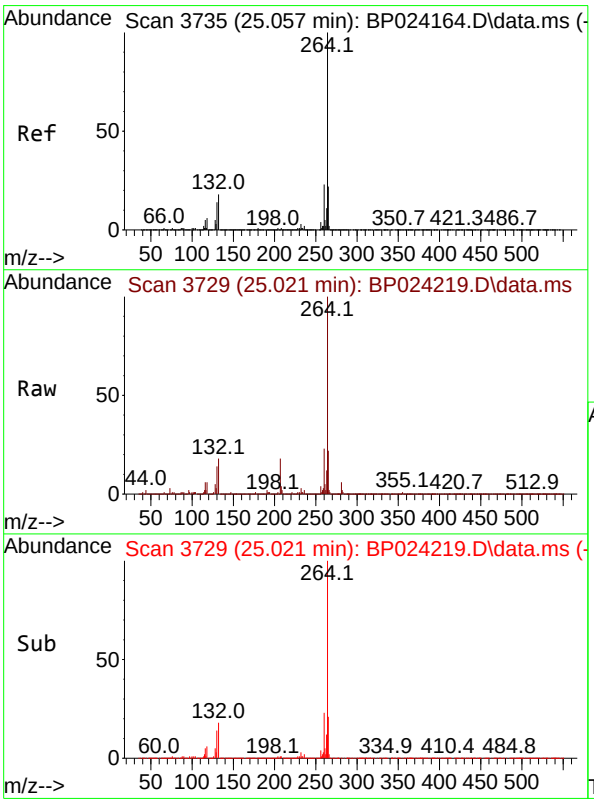
#79
Terphenyl-d14
Concen: 59.569 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

Tgt Ion:244 Resp: 4676065

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.4	9.6	14.4

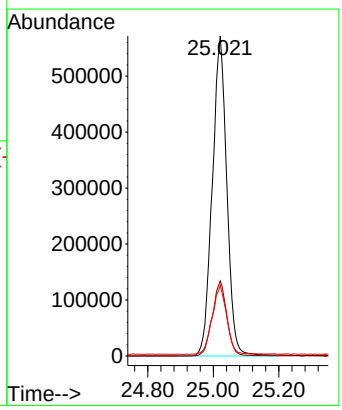




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3729
Delta R.T. -0.035 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:264 Resp: 1759028

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.1	17.7	26.5



Raw Data: **BP024220.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-22-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BP024220.D	1	04/07/25 08:55	04/08/25 19:50	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.025	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.032	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.028	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.037	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.040	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.025	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.033	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.19	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.4		35 - 115		51%	SPK: 150
13127-88-3	Phenol-d6	76.7		34 - 127		51%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.2		37 - 122		50%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.6		44 - 115		49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	85.4		39 - 132		57%	SPK: 150
1718-51-0	Terphenyl-d14	65.9		54 - 127		66%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	426000	7.74				
1146-65-2	Naphthalene-d8	1740000	10.522				
15067-26-2	Acenaphthene-d10	1090000	14.375				
1517-22-2	Phenanthrene-d10	2130000	17.18				

Raw Data: **BP024220.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-22-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BP024220.D	1	04/07/25 08:55	04/08/25 19:50	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1840000	21.639				
1520-96-3	Perylene-d12	1510000	25.027				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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\BP040825\
Data File : BP024220.D
Acq On : 08 Apr 2025 19:50
Operator : RC/JU
Sample : Q1730-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-22-040325

Quant Time: Apr 09 01:02:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

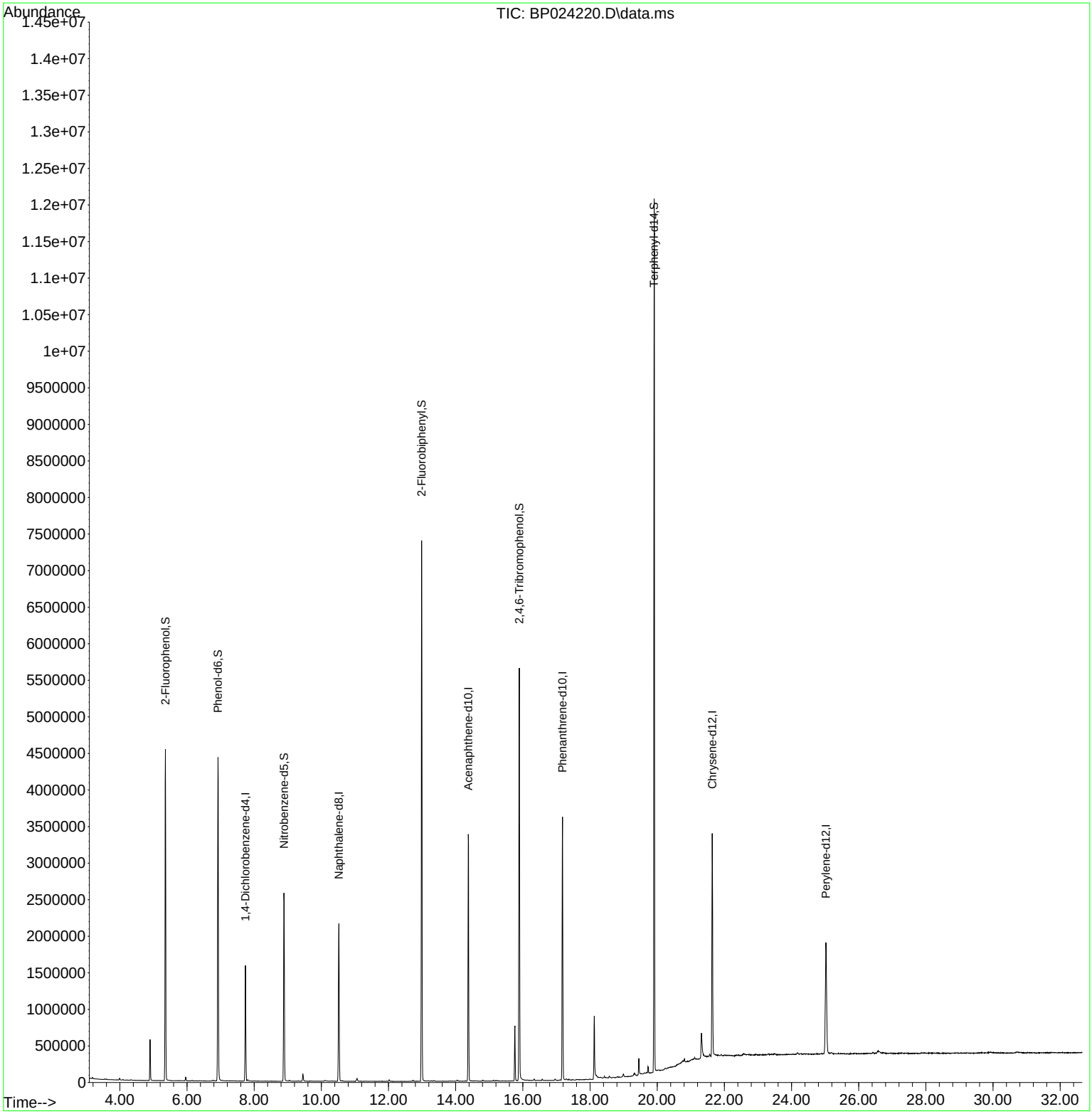
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	425623	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1737721	20.000	ng	-0.03
39) Acenaphthene-d10	14.375	164	1085102	20.000	ng	-0.03
64) Phenanthrene-d10	17.180	188	2131222	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1837984	20.000	ng	-0.02
86) Perylene-d12	25.027	264	1509058	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2038170	76.441	ng	-0.02
7) Phenol-d6	6.922	99	2736079	76.736	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1544883	50.160	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	1167430	85.412	ng	-0.02
45) 2-Fluorobiphenyl	12.986	172	3576688	48.603	ng	-0.03
79) Terphenyl-d14	19.910	244	5866503	65.886	ng	-0.01
Target Compounds						Qvalue

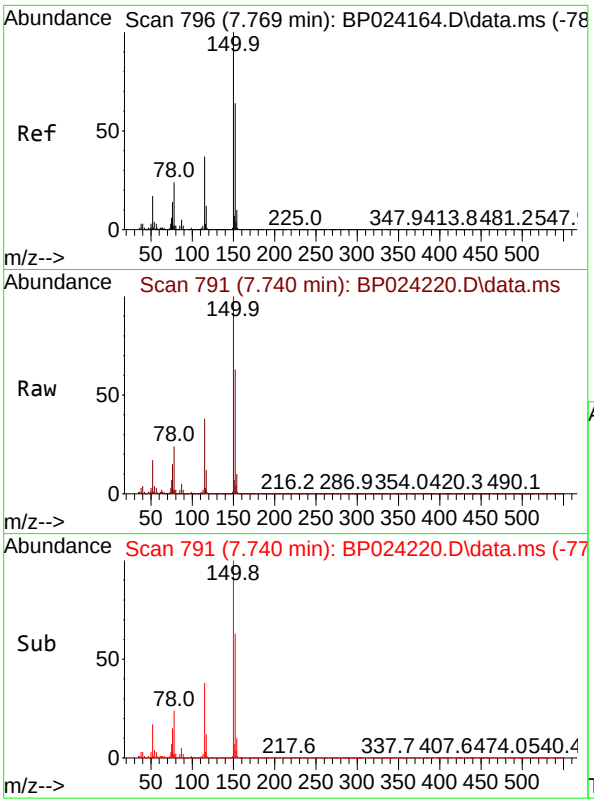
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024220.D
Acq On : 08 Apr 2025 19:50
Operator : RC/JU
Sample : Q1730-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-22-040325

Quant Time: Apr 09 01:02:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



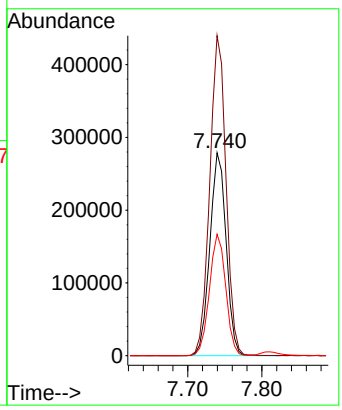


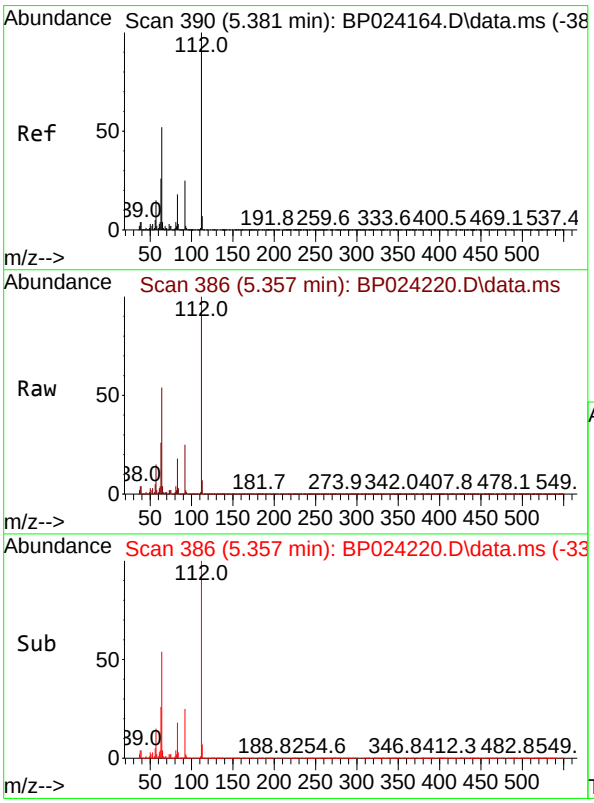
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-22-040325

Tgt Ion:152 Resp: 425623

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.5	188.3
115	59.9	46.3	69.5

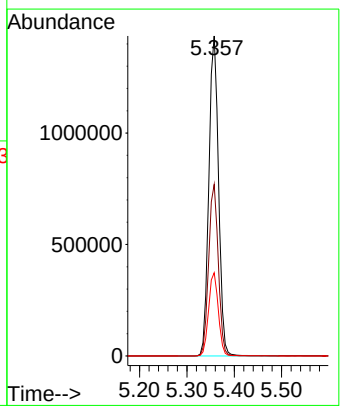


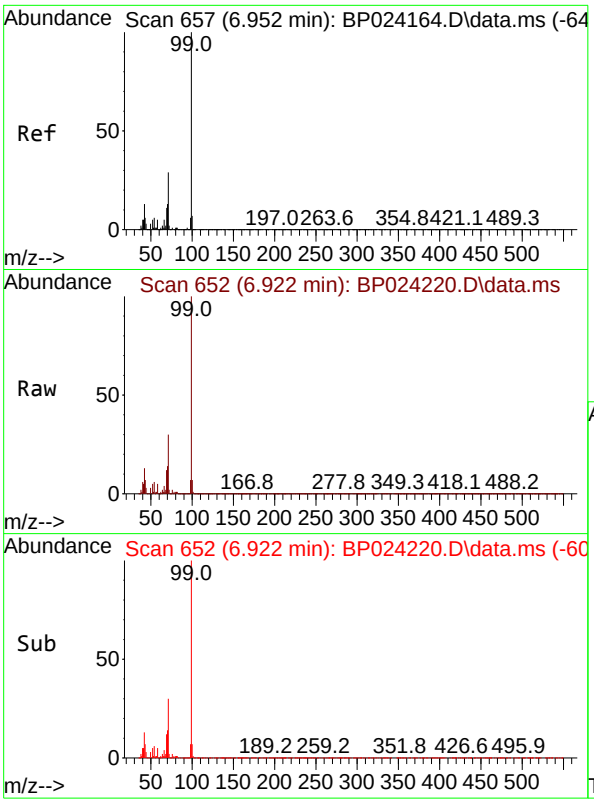


#5
2-Fluorophenol
Concen: 76.441 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Tgt Ion:112 Resp: 2038170

Ion	Ratio	Lower	Upper
112	100		
64	53.6	41.3	61.9
63	26.0	20.6	31.0



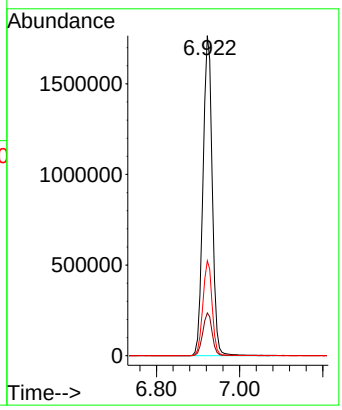


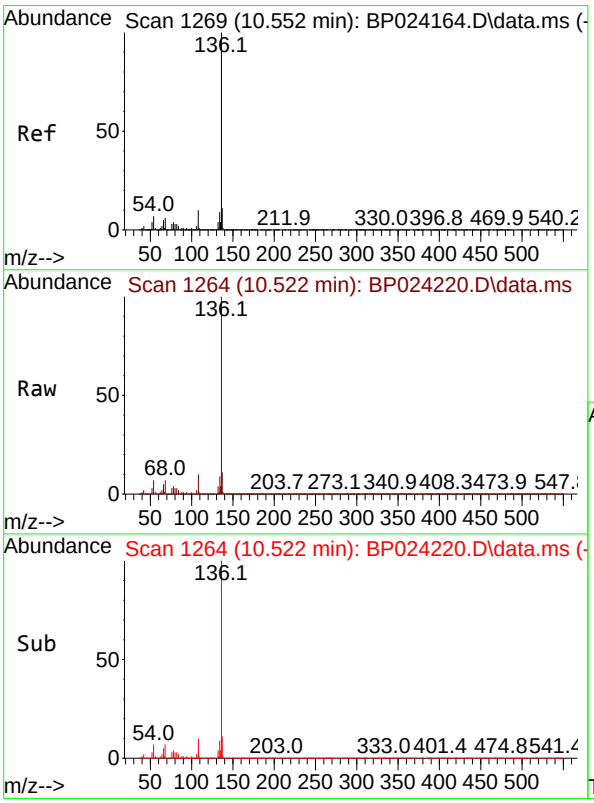
#7
Phenol-d6
Concen: 76.736 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-22-040325

Tgt Ion: 99 Resp: 2736079

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	16.0
71	29.7	23.3	34.9

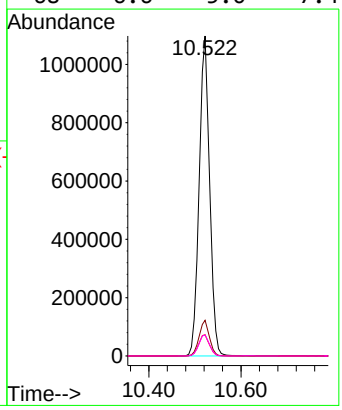


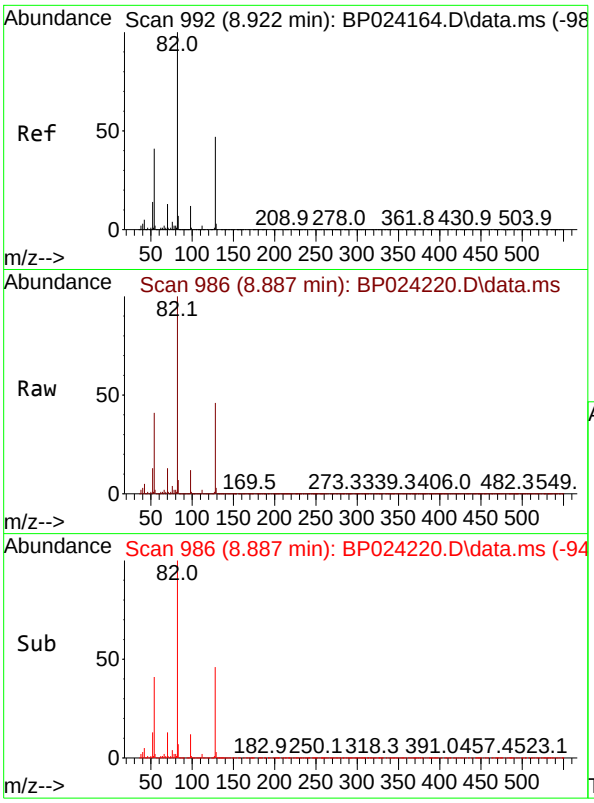


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.030 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Tgt Ion:136 Resp: 1737721

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.3	7.9
68	6.6	5.0	7.4



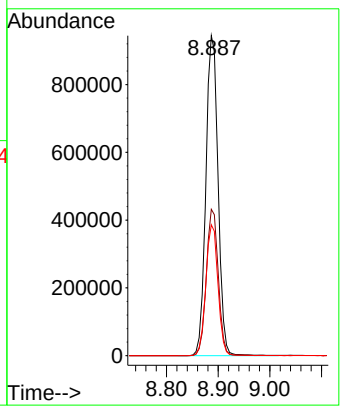


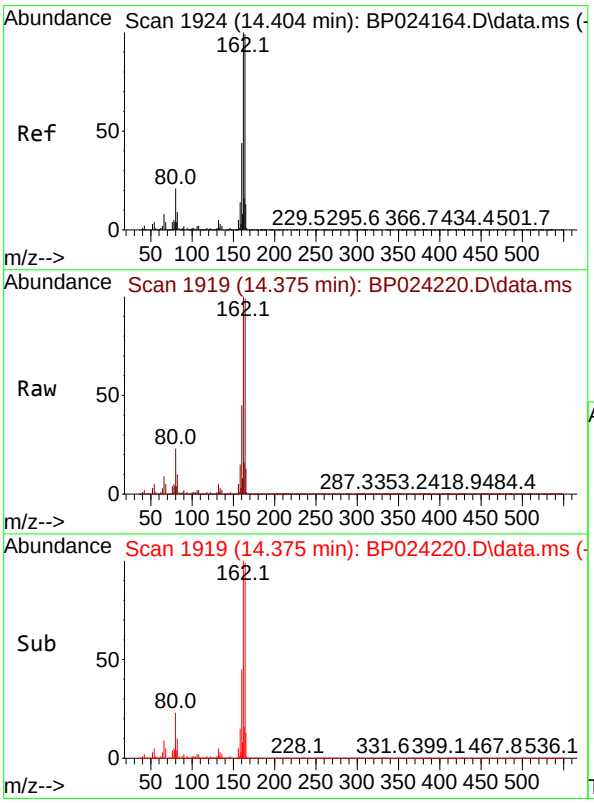
#23
Nitrobenzene-d5
Concen: 50.160 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.036 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-22-040325

Tgt Ion: 82 Resp: 1544883

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.4	56.0
54	40.9	32.5	48.7

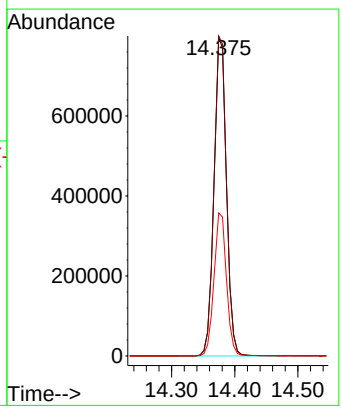


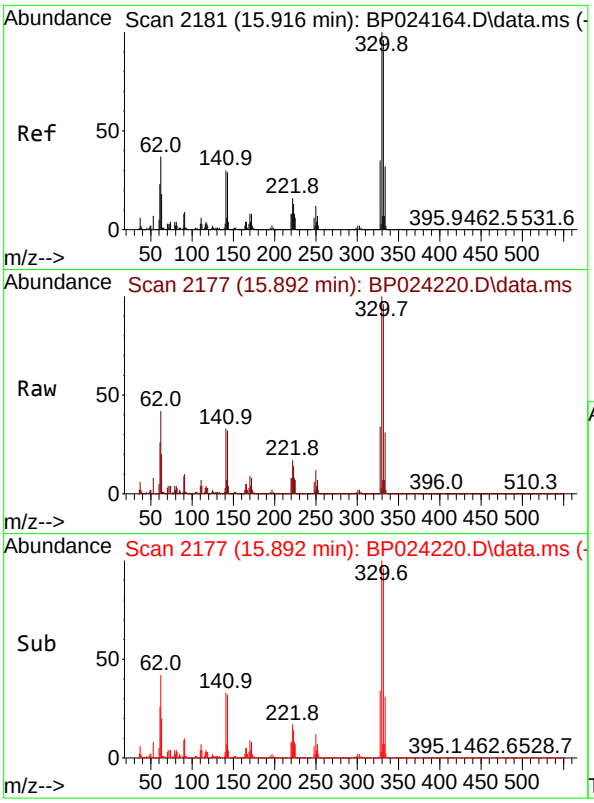


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.030 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Tgt Ion:164 Resp: 1085102

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	121.0
160	45.0	35.4	53.2



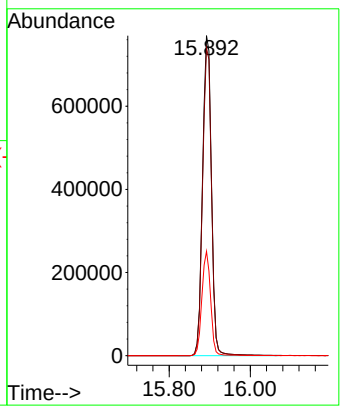


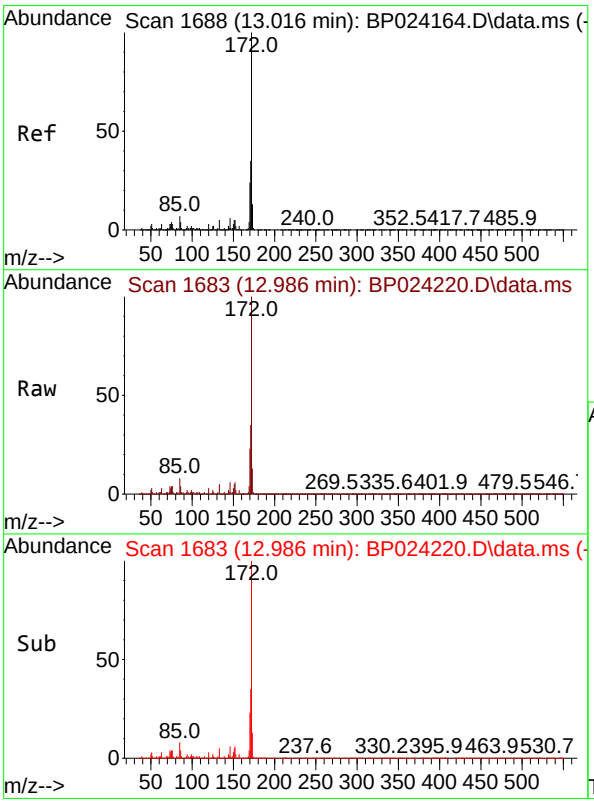
#42
2,4,6-Tribromophenol
Concen: 85.412 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-22-040325

Tgt Ion:330 Resp: 1167430

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	32.1	25.0	37.6

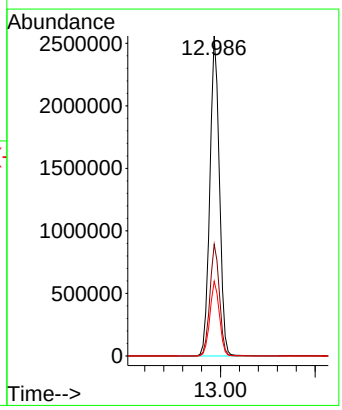


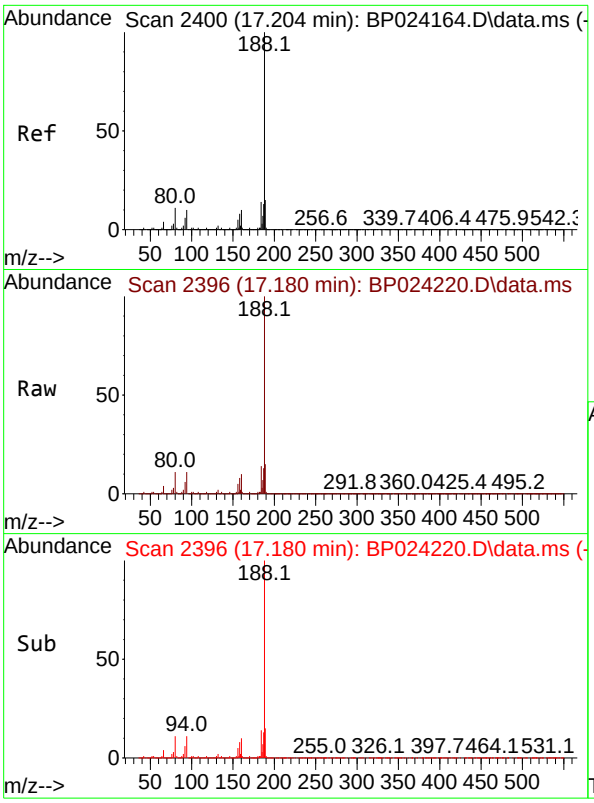


#45
2-Fluorobiphenyl
Concen: 48.603 ng
RT: 12.986 min Scan# 1683
Delta R.T. -0.030 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Tgt Ion:172 Resp: 3576688

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.4	19.0	28.4



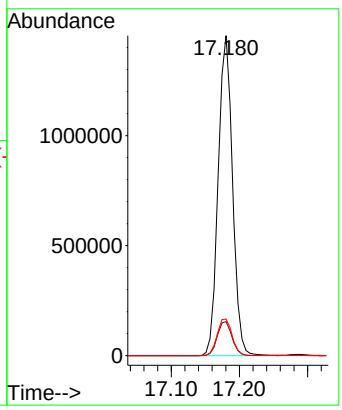


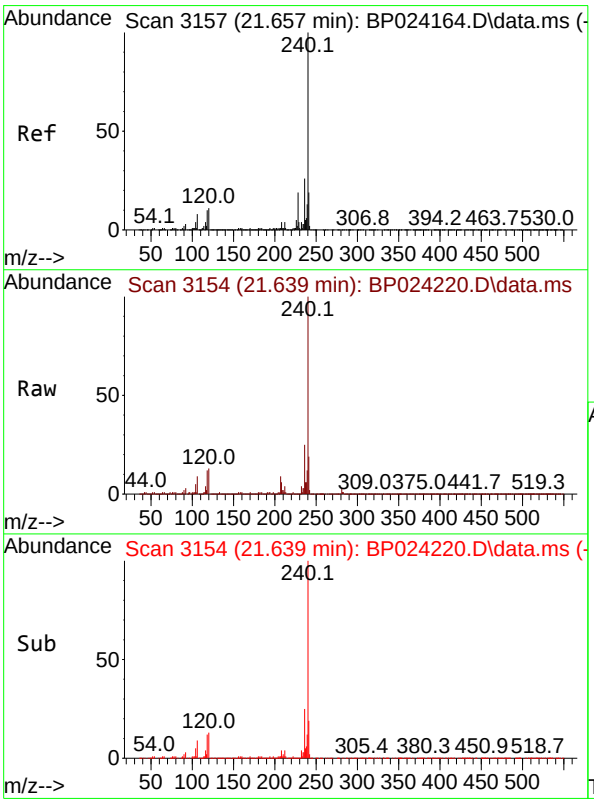
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-22-040325

Tgt Ion:188 Resp: 2131222

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.4	8.9	13.3

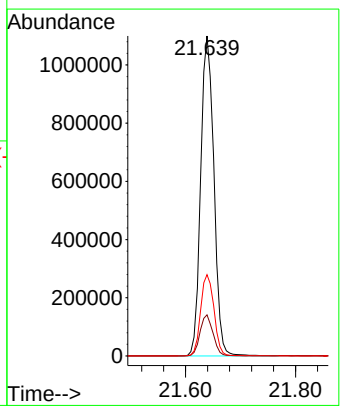


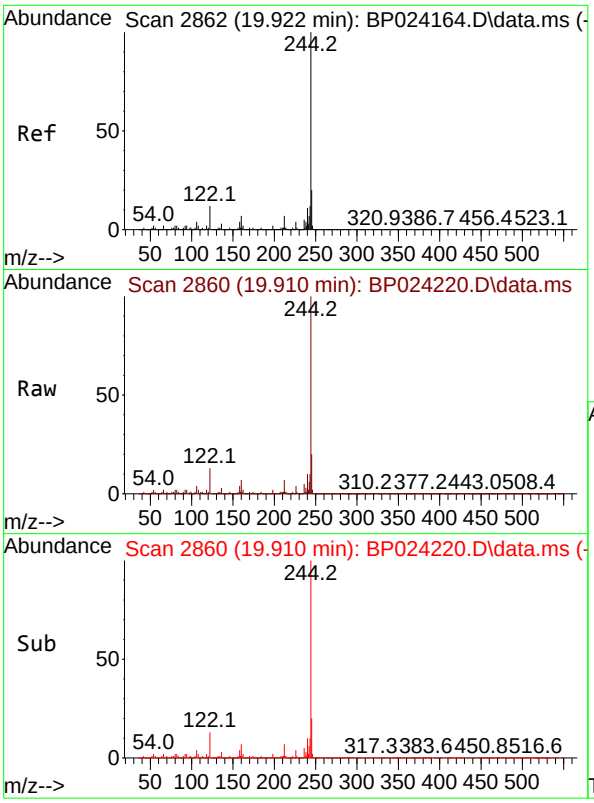


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Tgt Ion:240 Resp: 1837984

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.2	13.8
236	25.4	20.4	30.6



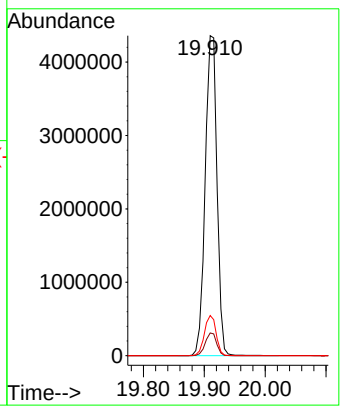


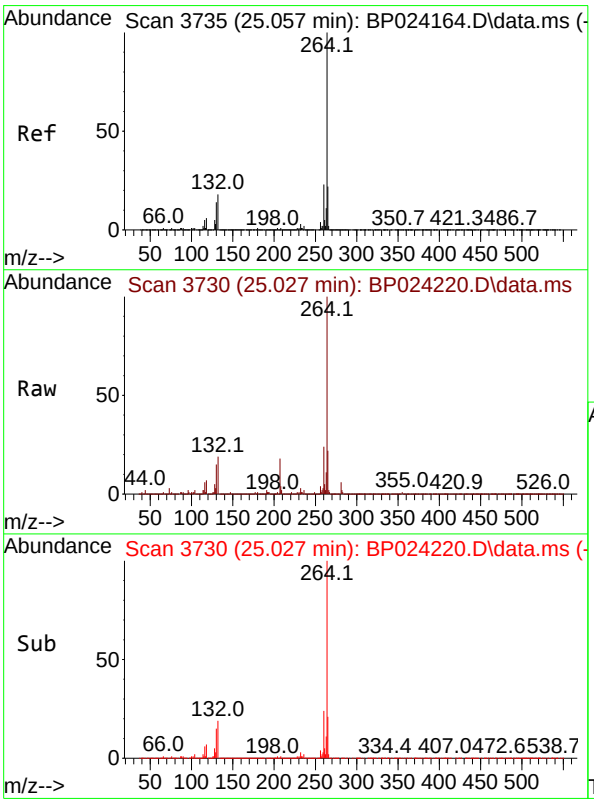
#79
Terphenyl-d14
Concen: 65.886 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-22-040325

Tgt Ion:244 Resp: 5866503

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.6	9.6	14.4

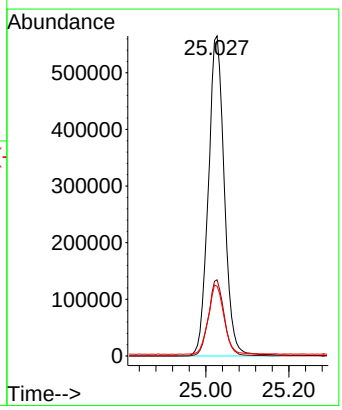




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.027 min Scan# 3730
Delta R.T. -0.030 min
Lab File: BP024220.D
Acq: 08 Apr 2025 19:50

Tgt Ion:264 Resp: 1509058

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.8	17.7	26.5



Raw Data: **BP024221.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.9
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
BP024221.D	1	04/07/25 08:55	04/08/25 20:31	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.025	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.032	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.028	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.037	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.040	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.025	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.19	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.5		35 - 115		51%	SPK: 150
13127-88-3	Phenol-d6	74.0		34 - 127		49%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.6		37 - 122		52%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.5		44 - 115		50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.0		39 - 132		55%	SPK: 150
1718-51-0	Terphenyl-d14	56.5		54 - 127		56%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	358000	7.74				
1146-65-2	Naphthalene-d8	1370000	10.516				
15067-26-2	Acenaphthene-d10	805000	14.381				
1517-22-2	Phenanthrene-d10	1590000	17.192				

Raw Data: **BP024221.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-23-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.9
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
BP024221.D	1	04/07/25 08:55	04/08/25 20:31	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1780000	21.639				
1520-96-3	Perylene-d12	1910000	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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: **BP024221.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024221.D
Acq On : 08 Apr 2025 20:31
Operator : RC/JU
Sample : Q1730-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Quant Time: Apr 09 01:02:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

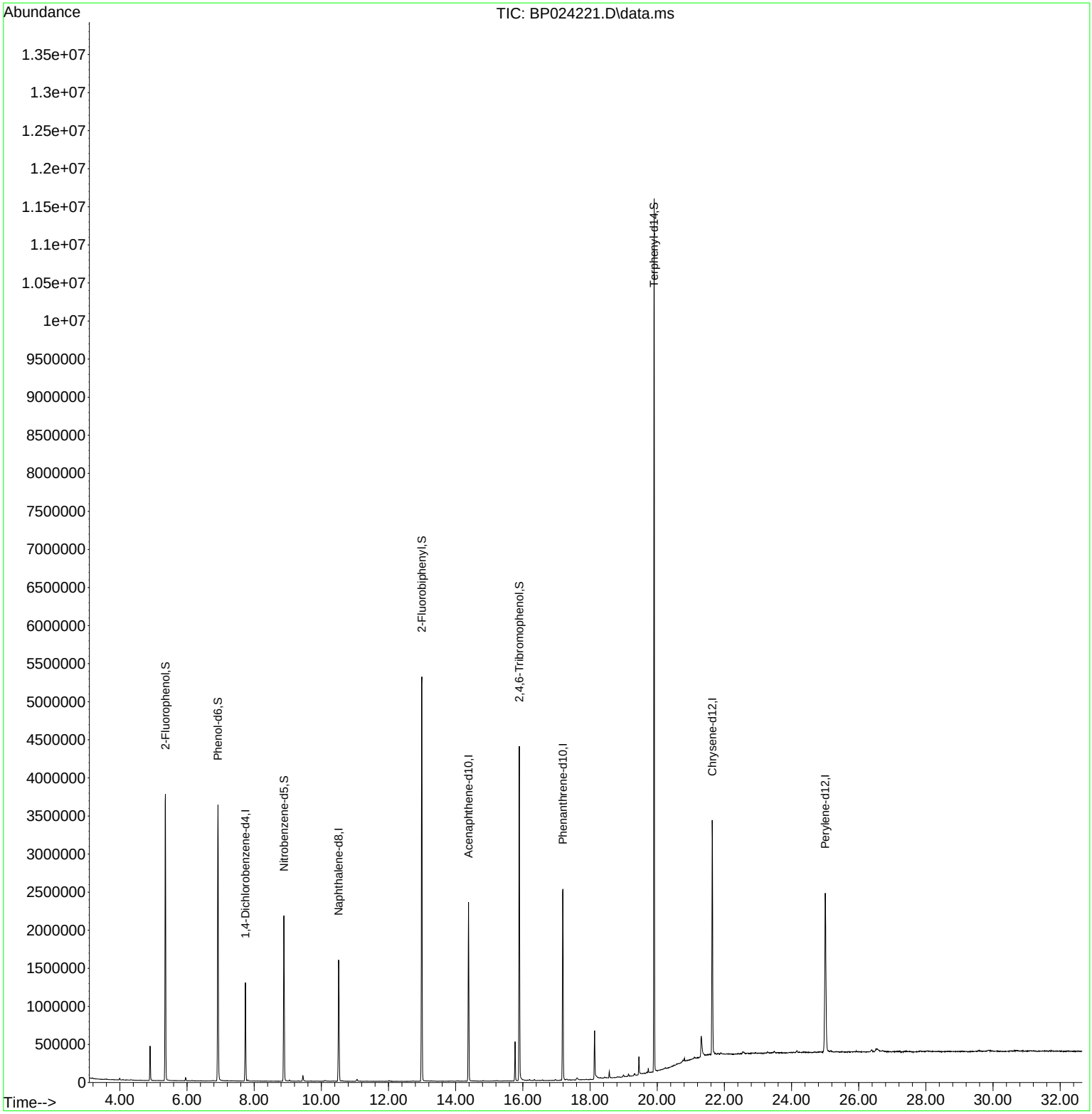
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	358338	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1367638	20.000	ng	-0.04
39) Acenaphthene-d10	14.381	164	804787	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1593318	20.000	ng	-0.01
76) Chrysene-d12	21.639	240	1784235	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1907981	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1717372	76.504	ng	-0.02
7) Phenol-d6	6.922	99	2220216	73.960	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1250487	51.588	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	831215	81.996	ng	-0.02
45) 2-Fluorobiphenyl	12.993	172	2755658	50.489	ng	-0.02
79) Terphenyl-d14	19.910	244	4881858	56.479	ng	-0.01
Target Compounds						Qvalue

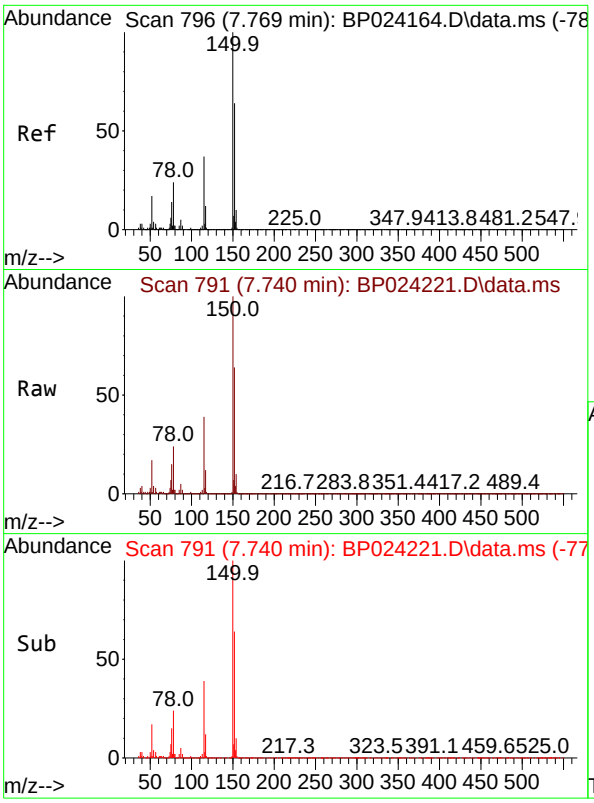
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024221.D
Acq On : 08 Apr 2025 20:31
Operator : RC/JU
Sample : Q1730-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Quant Time: Apr 09 01:02:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



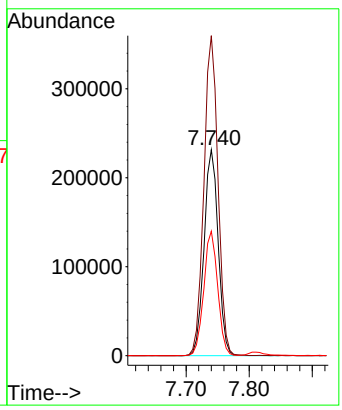


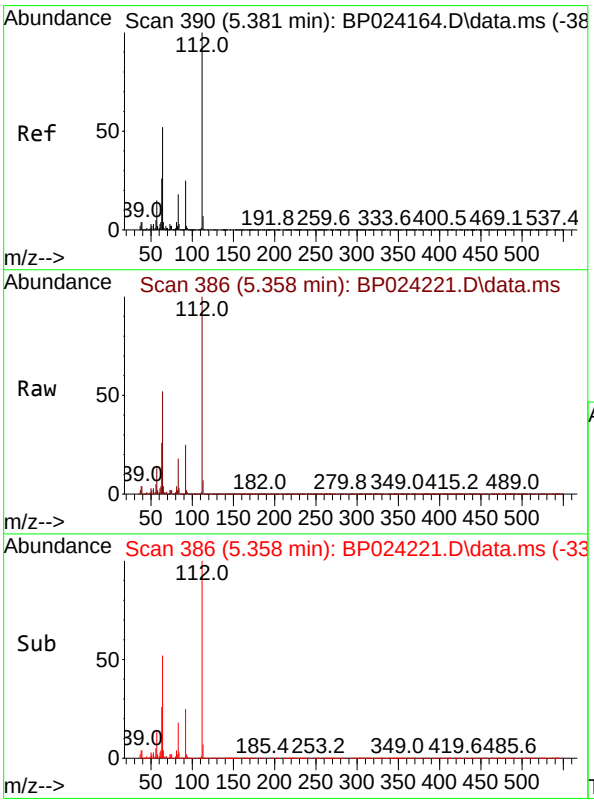
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Tgt Ion:152 Resp: 358338

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.5	188.3
115	60.5	46.3	69.5

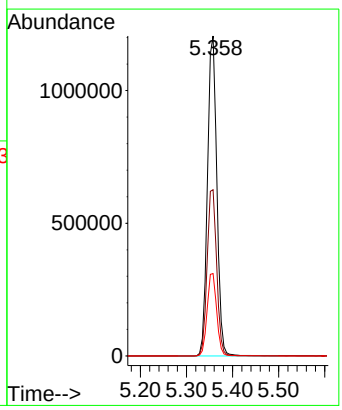


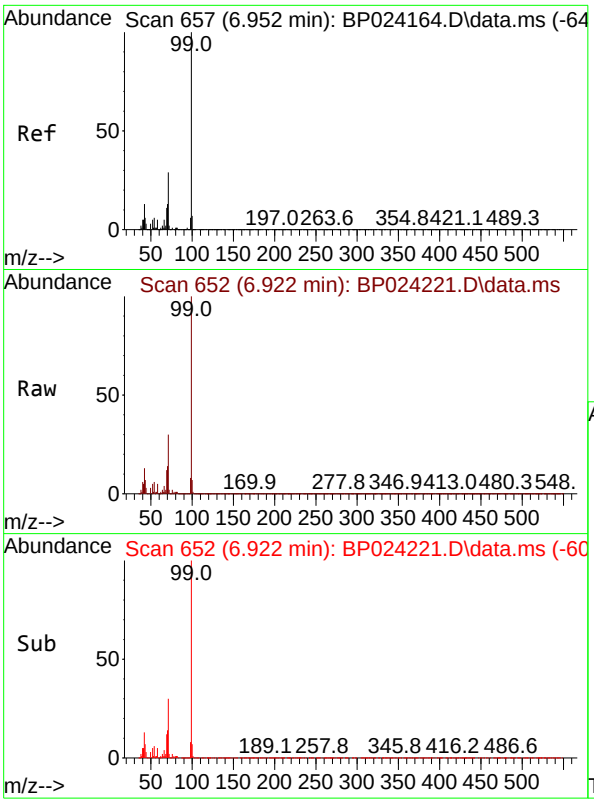


#5
2-Fluorophenol
Concen: 76.504 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:112 Resp: 1717372

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.3	61.9
63	25.8	20.6	31.0



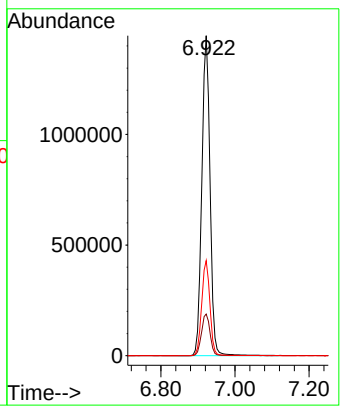


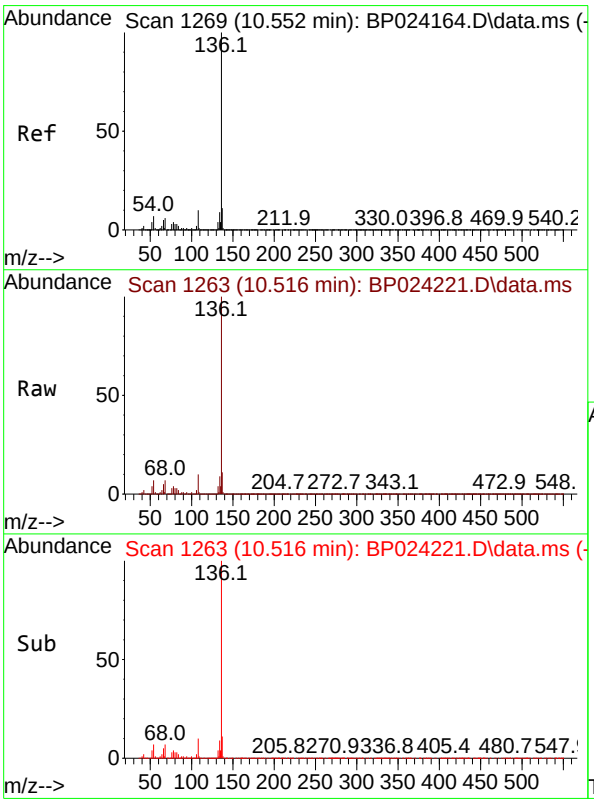
#7
Phenol-d6
Concen: 73.960 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Tgt Ion: 99 Resp: 2220216

Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	16.0
71	29.7	23.3	34.9

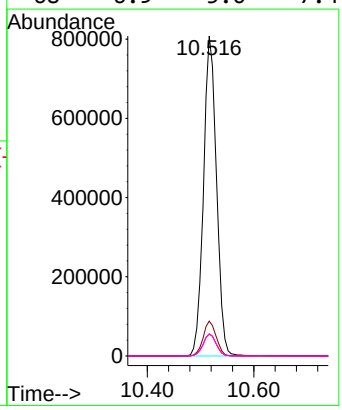


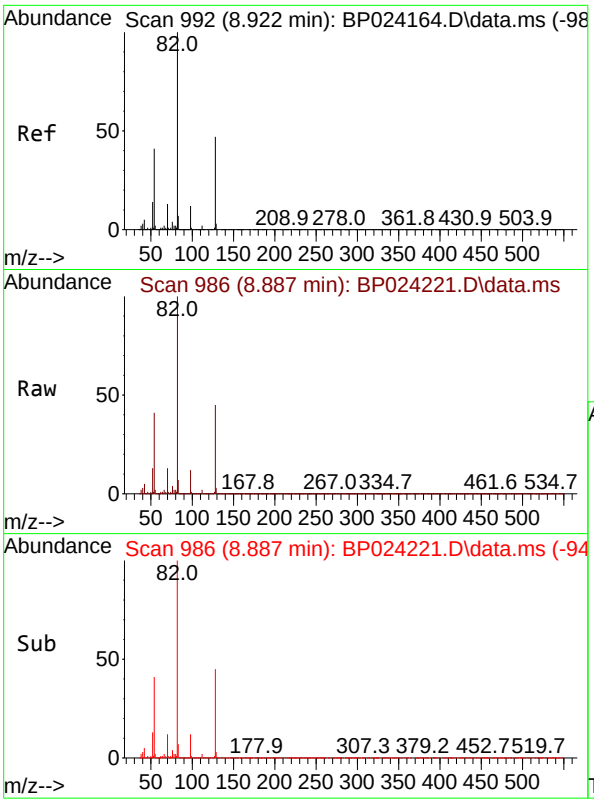


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:136 Resp: 1367638

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.8	5.3	7.9
68	6.9	5.0	7.4



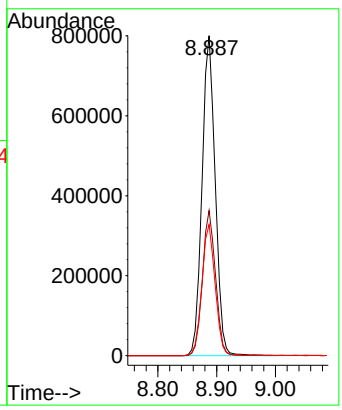


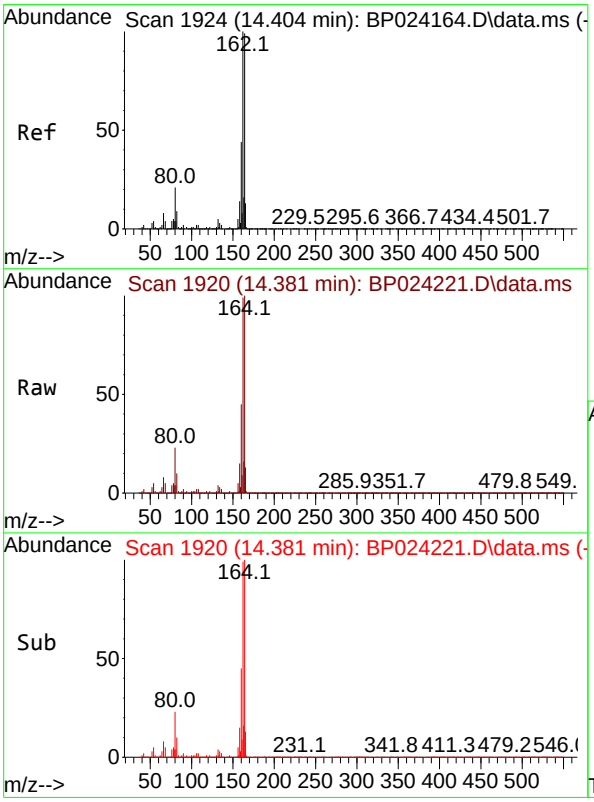
#23
Nitrobenzene-d5
Concen: 51.588 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Tgt Ion: 82 Resp: 1250487

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.4	56.0
54	41.0	32.5	48.7

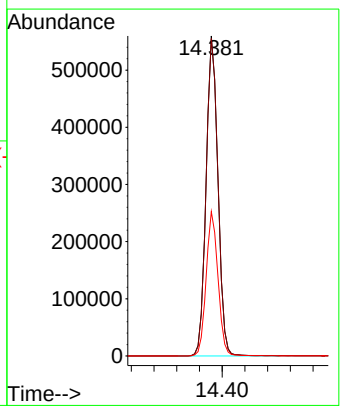


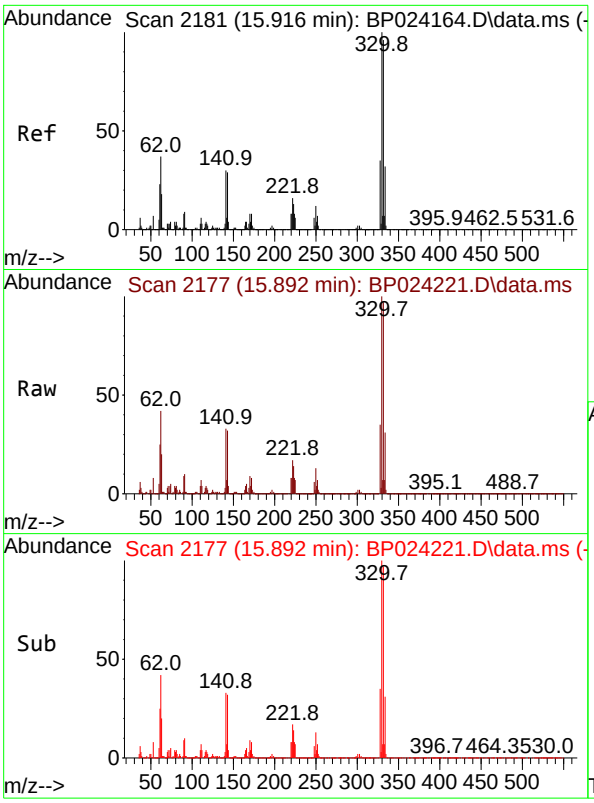


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:164 Resp: 804787

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	121.0
160	45.1	35.4	53.2



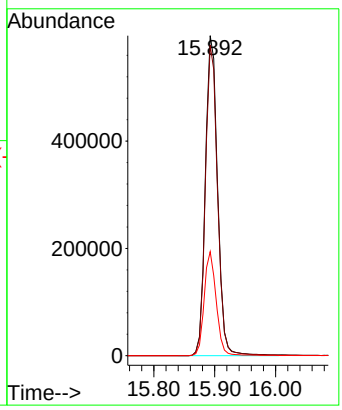


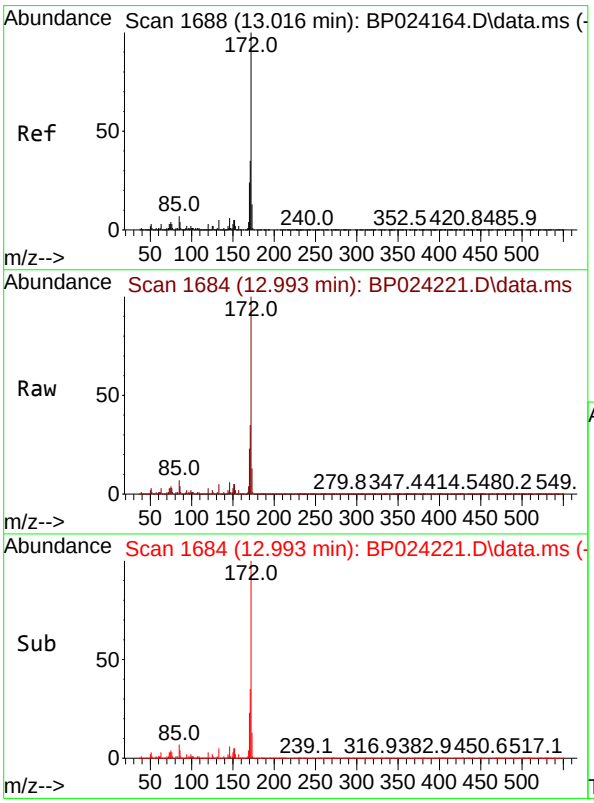
#42
2,4,6-Tribromophenol
Concen: 81.996 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Tgt Ion:330 Resp: 831215

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	32.2	25.0	37.6

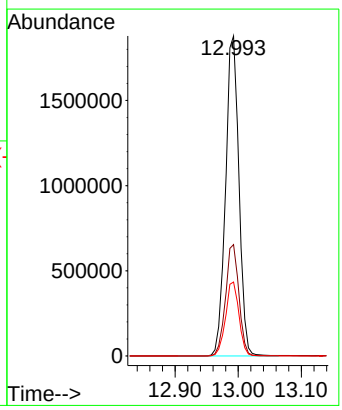


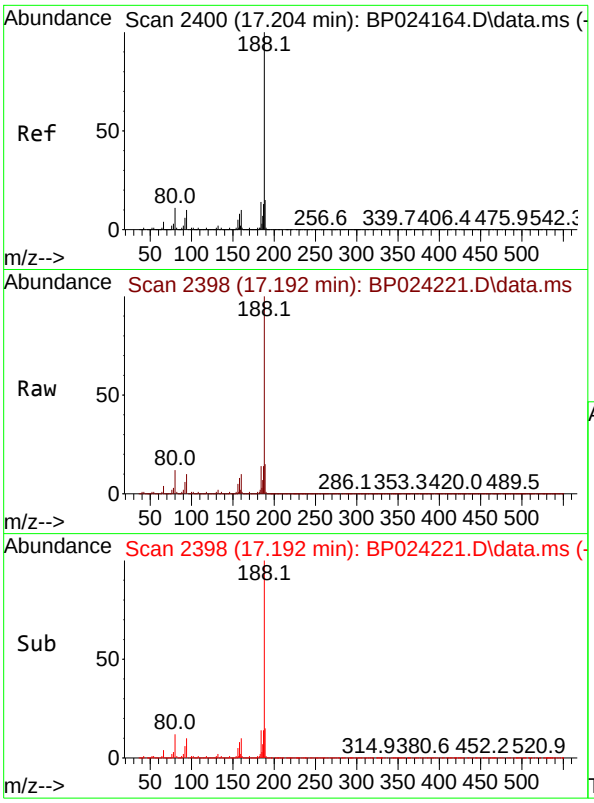


#45
2-Fluorobiphenyl
Concen: 50.489 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:172 Resp: 2755658

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.1	19.0	28.4



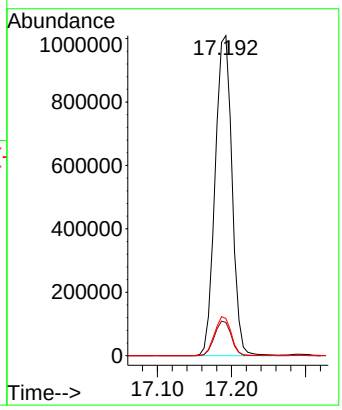


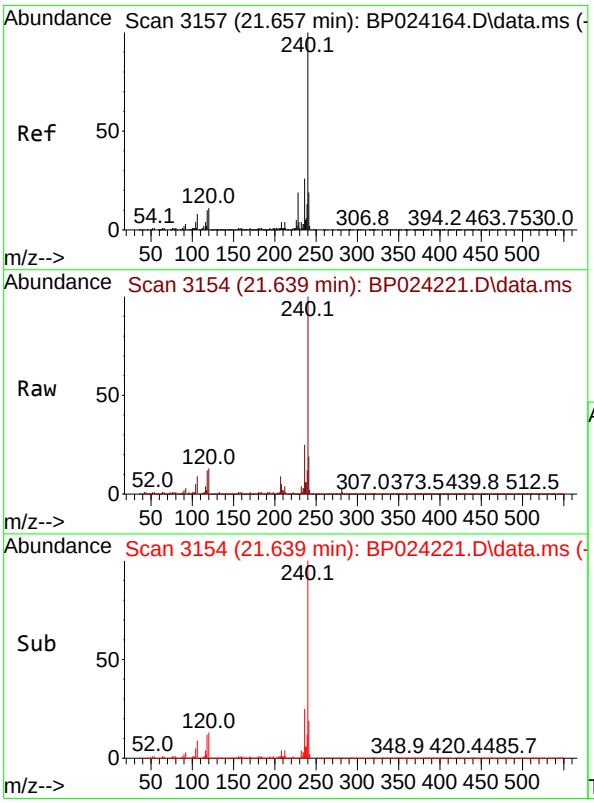
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Tgt Ion:188 Resp: 1593318

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.6	8.9	13.3

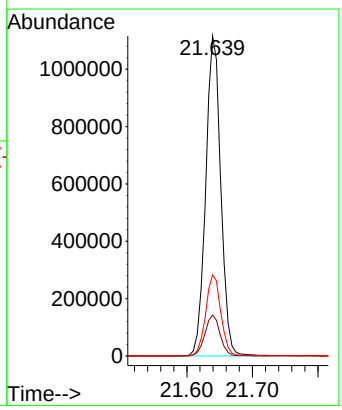


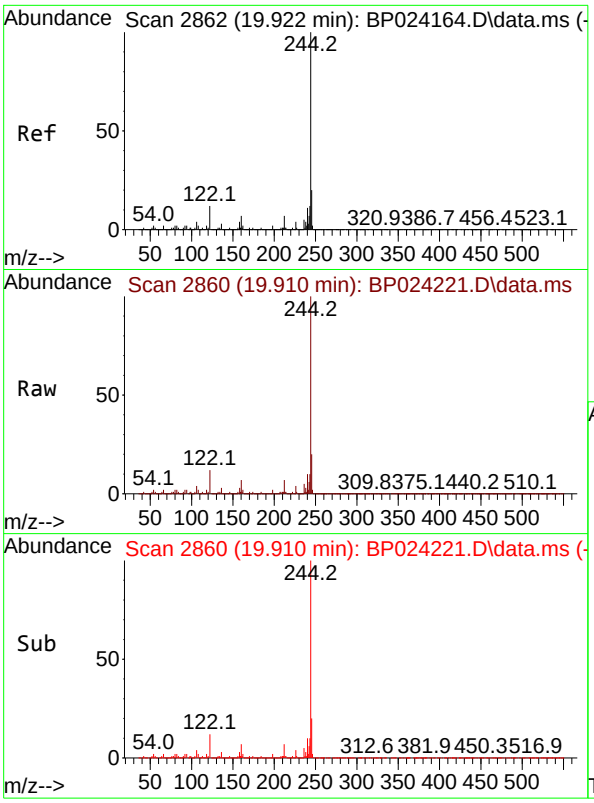


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:240 Resp: 1784235

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.2	13.8
236	25.3	20.4	30.6



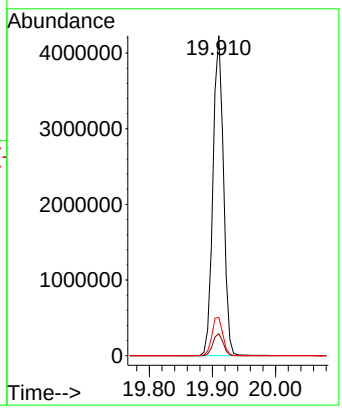


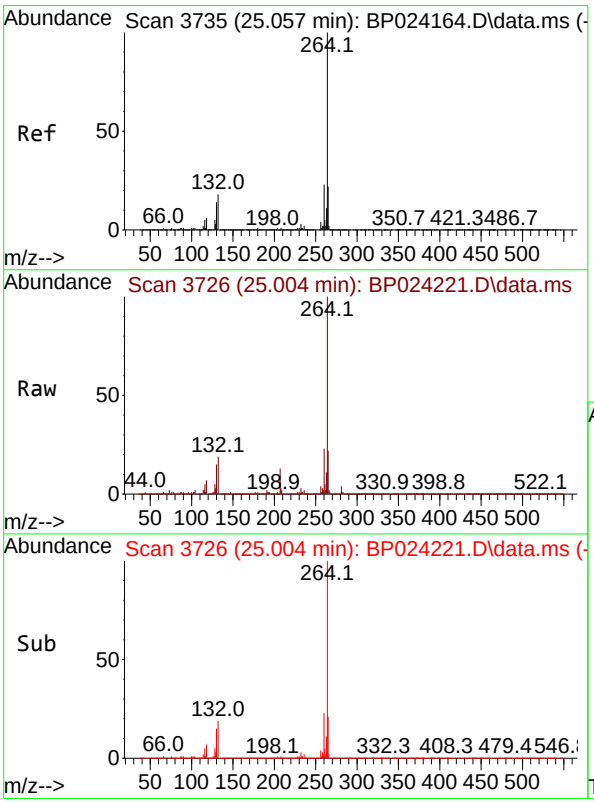
#79
Terphenyl-d14
Concen: 56.479 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-23-040325

Tgt Ion:244 Resp: 4881858

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.0	9.6	14.4

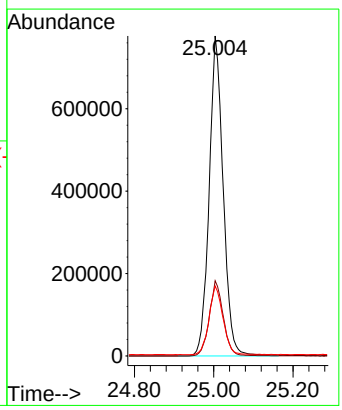




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3726
Delta R.T. -0.053 min
Lab File: BP024221.D
Acq: 08 Apr 2025 20:31

Tgt Ion:264 Resp: 1907981

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.9	17.7	26.5



Raw Data: **BP024222.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
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
BP024222.D	1	04/07/25 08:55	04/08/25 21:11	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.025	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.032	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.028	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.025	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.19	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.9		35 - 115		64%	SPK: 150
13127-88-3	Phenol-d6	99.6		34 - 127		66%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.5		37 - 122		62%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.4		44 - 115		56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		39 - 132		71%	SPK: 150
1718-51-0	Terphenyl-d14	67.8		54 - 127		68%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	384000	7.74				
1146-65-2	Naphthalene-d8	1670000	10.522				
15067-26-2	Acenaphthene-d10	1140000	14.381				
1517-22-2	Phenanthrene-d10	2380000	17.192				

Raw Data: **BP024222.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-24-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
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
BP024222.D	1	04/07/25 08:55	04/08/25 21:11	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2400000	21.639				
1520-96-3	Perylene-d12	2210000	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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: **BP024222.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024222.D
Acq On : 08 Apr 2025 21:11
Operator : RC/JU
Sample : Q1730-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-24-040325

Quant Time: Apr 09 01:03:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

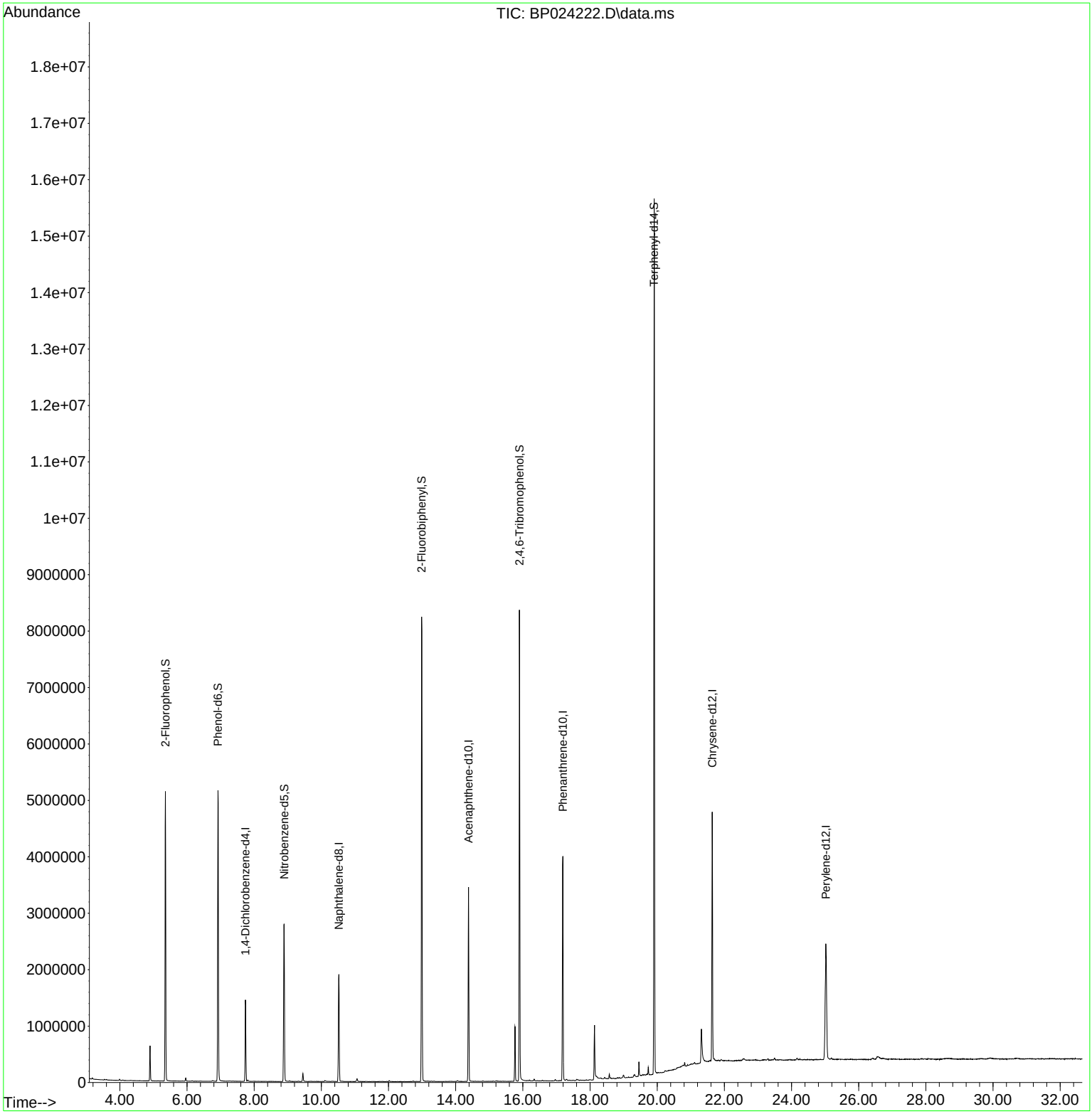
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	383991	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1666473	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	1139824	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	2384262	20.000	ng	-0.01
76) Chrysene-d12	21.639	240	2400487	20.000	ng	-0.02
86) Perylene-d12	25.021	264	2207610	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2306395	95.879	ng	-0.02
7) Phenol-d6	6.922	99	3203849	99.597	ng	-0.03
23) Nitrobenzene-d5	8.893	82	1816981	61.517	ng	-0.03
42) 2,4,6-Tribromophenol	15.898	330	1520784	105.922	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	4360836	56.414	ng	-0.03
79) Terphenyl-d14	19.910	244	7880823	67.769	ng	-0.01
Target Compounds						Qvalue

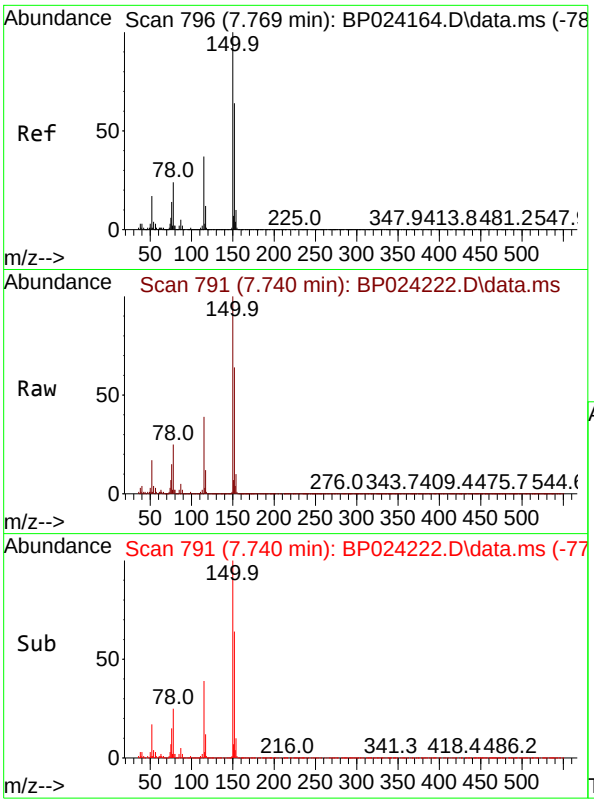
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024222.D
Acq On : 08 Apr 2025 21:11
Operator : RC/JU
Sample : Q1730-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-24-040325

Quant Time: Apr 09 01:03:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



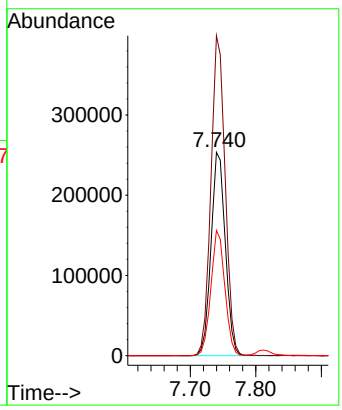


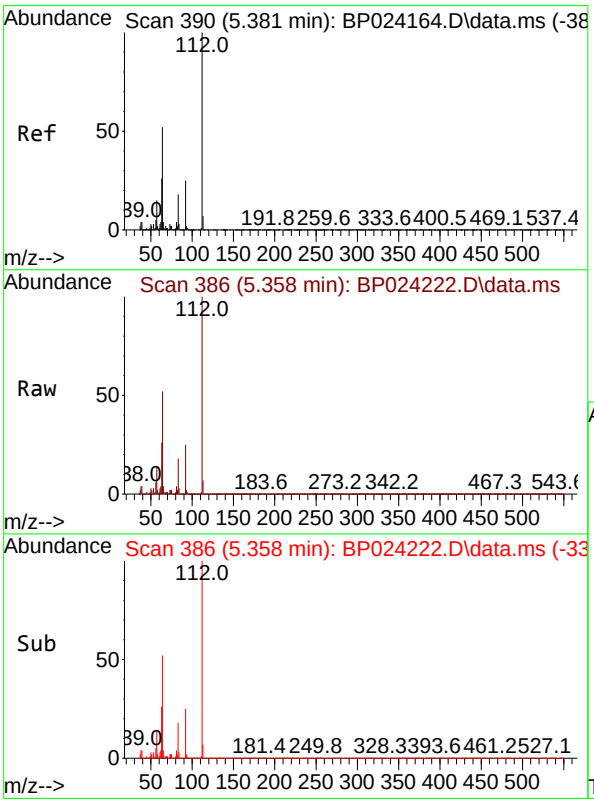
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-24-040325

Tgt Ion:152 Resp: 383991

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.5	188.3
115	61.6	46.3	69.5

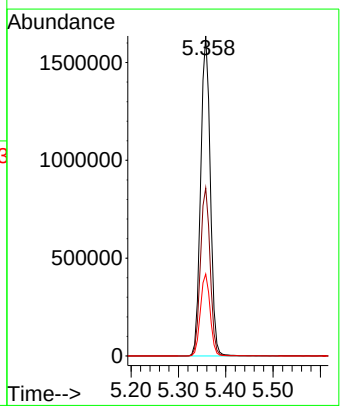


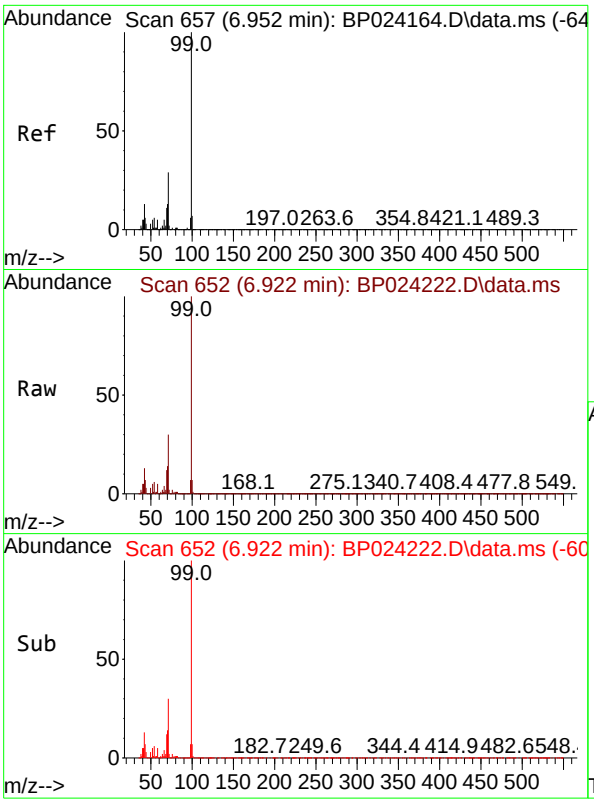


#5
2-Fluorophenol
Concen: 95.879 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Tgt Ion:112 Resp: 2306395

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.3	61.9
63	25.6	20.6	31.0



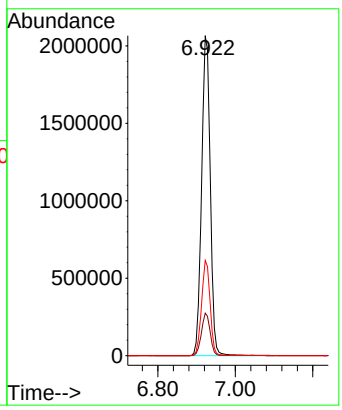


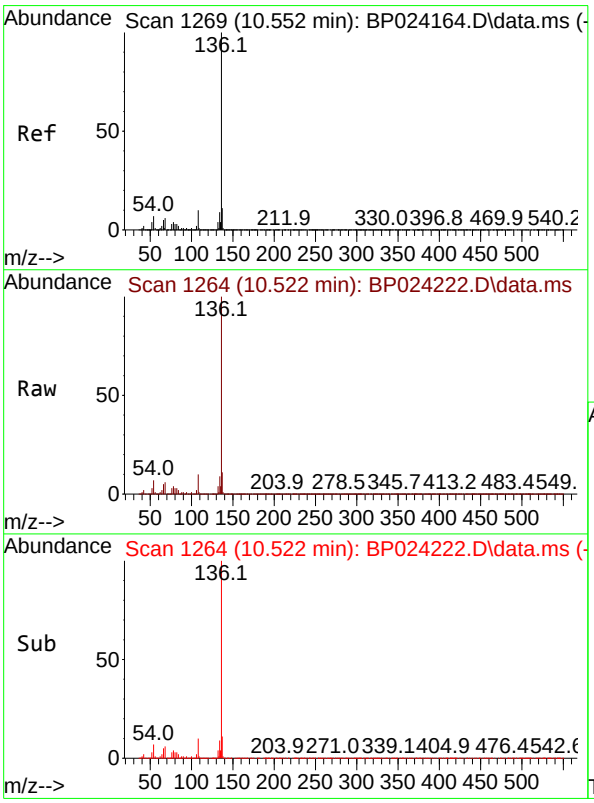
#7
Phenol-d6
Concen: 99.597 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-24-040325

Tgt Ion: 99 Resp: 3203849

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.8	23.3	34.9

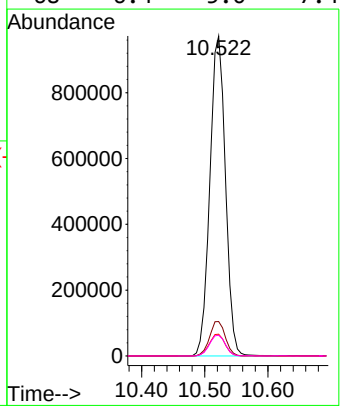


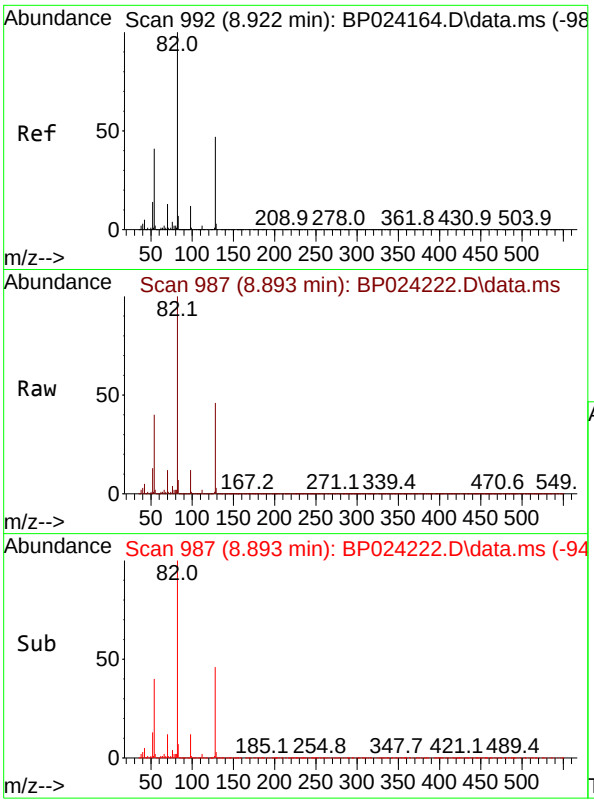


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.029 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Tgt Ion:136 Resp: 1666473

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.8	5.3	7.9
68	6.4	5.0	7.4



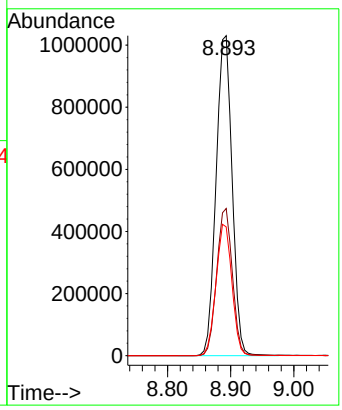


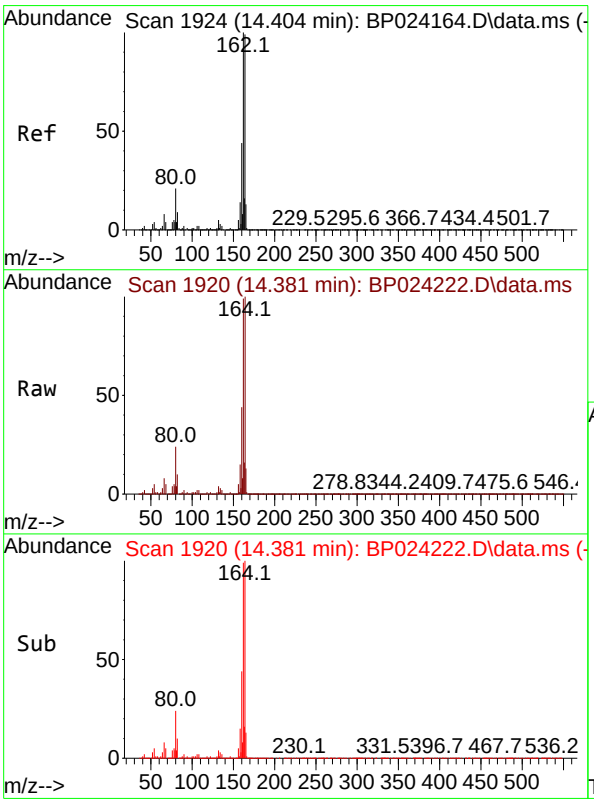
#23
Nitrobenzene-d5
Concen: 61.517 ng
RT: 8.893 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-24-040325

Tgt Ion: 82 Resp: 1816981

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.4	56.0
54	40.2	32.5	48.7

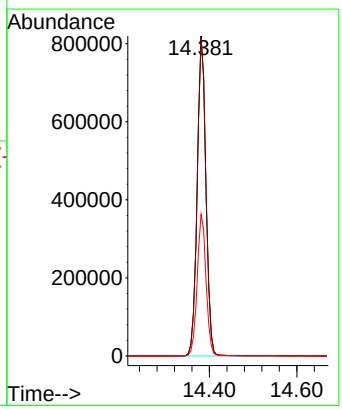


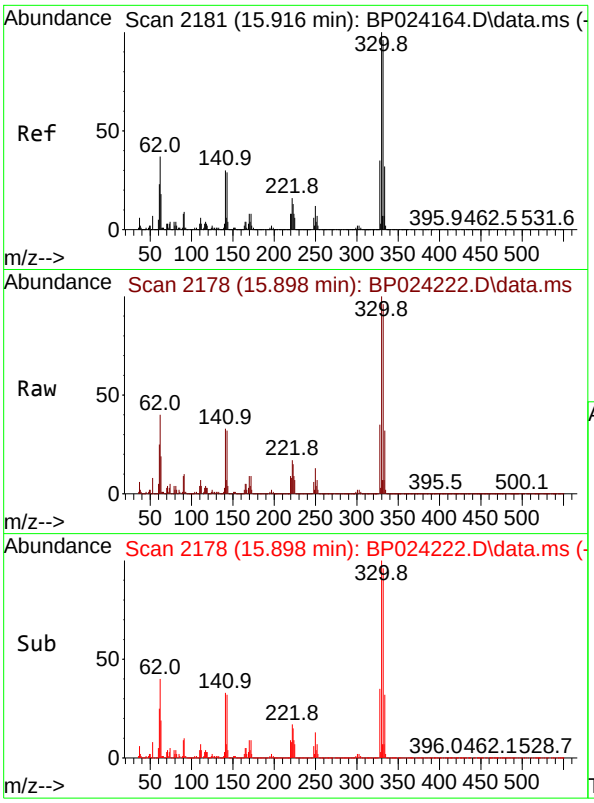


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Tgt Ion:164 Resp: 1139824

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	121.0
160	44.2	35.4	53.2



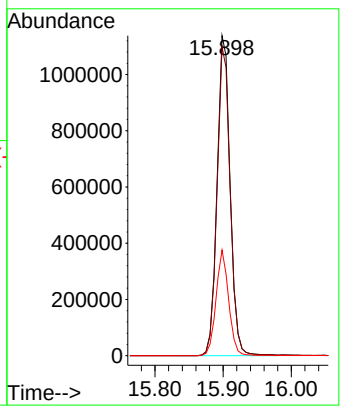


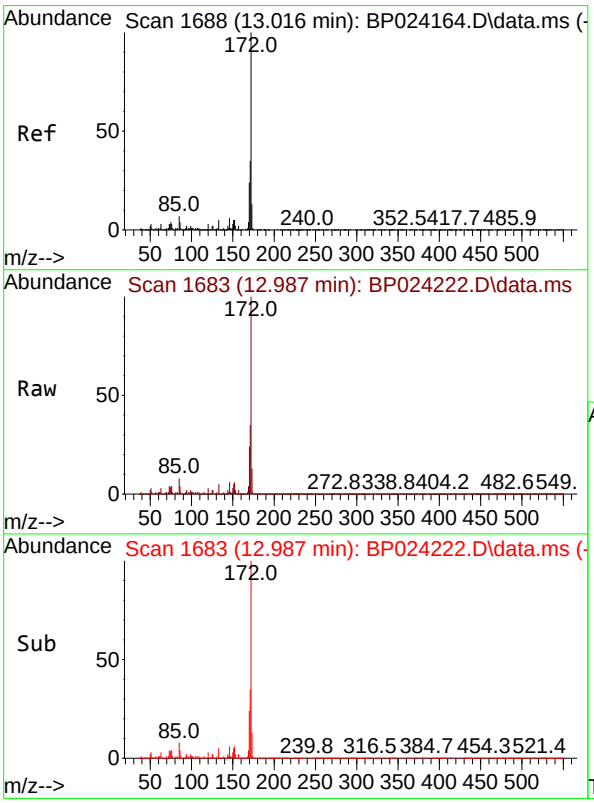
#42
2,4,6-Tribromophenol
Concen: 105.922 ng
RT: 15.898 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-24-040325

Tgt Ion:330 Resp: 1520784

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	32.0	25.0	37.6

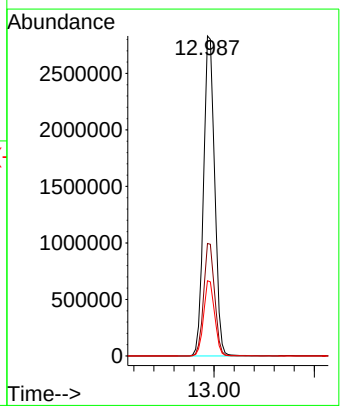


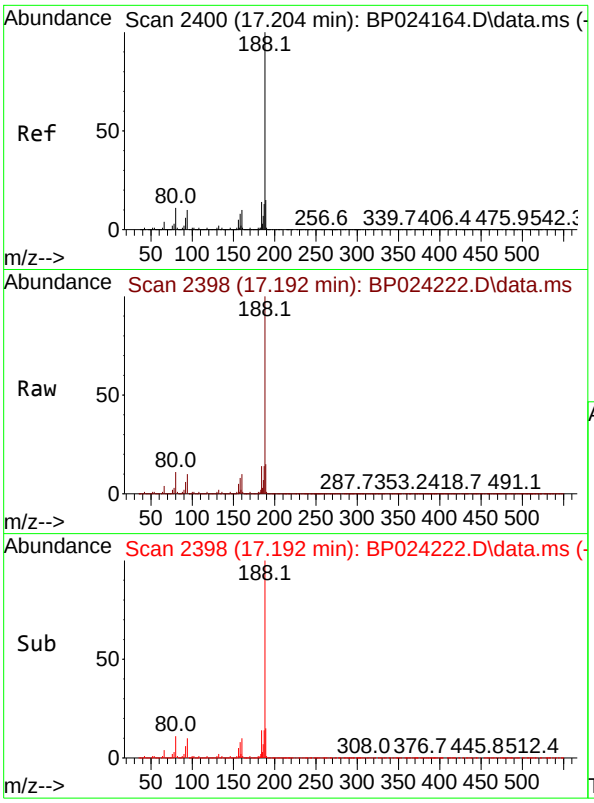


#45
2-Fluorobiphenyl
Concen: 56.414 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.029 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Tgt Ion:172 Resp: 4360836

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.5	19.0	28.4



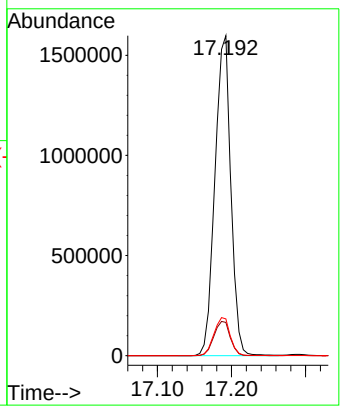


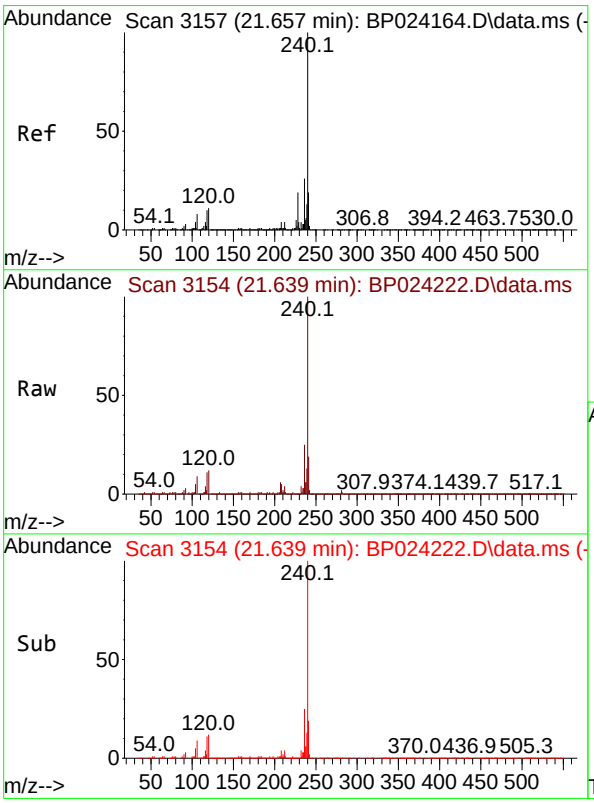
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-24-040325

Tgt Ion:188 Resp: 2384262

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.5	8.9	13.3

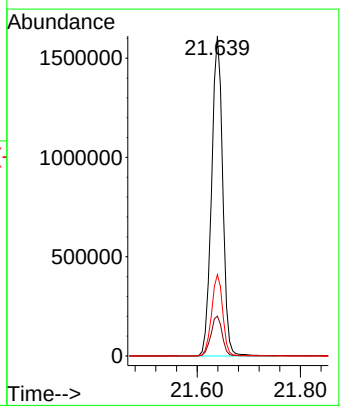


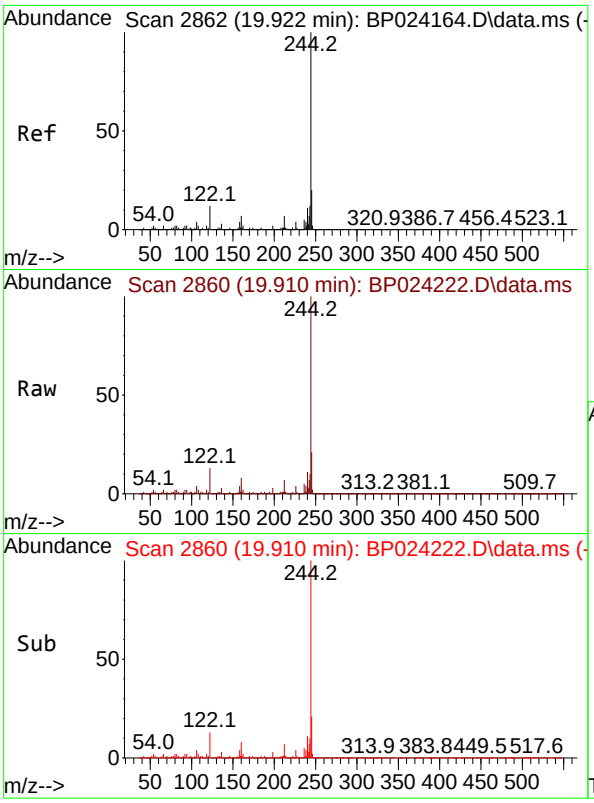


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Tgt Ion:240 Resp: 2400487

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.2	13.8
236	25.4	20.4	30.6



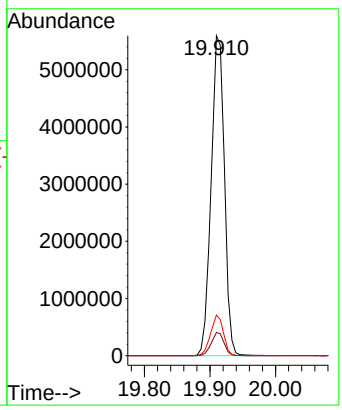


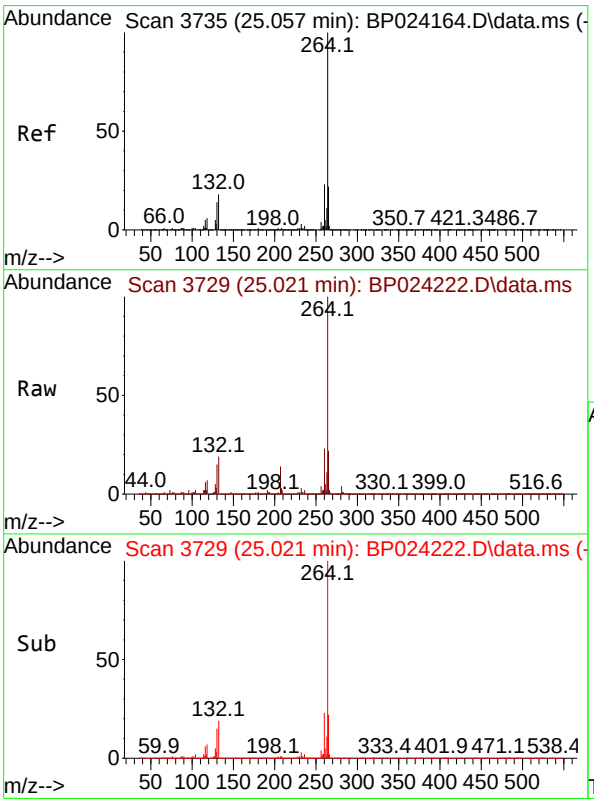
#79
Terphenyl-d14
Concen: 67.769 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-24-040325

Tgt Ion:244 Resp: 7880823

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	12.7	9.6	14.4

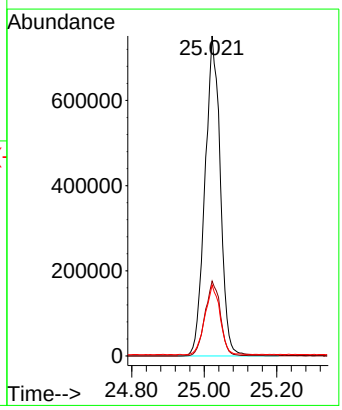




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3729
Delta R.T. -0.035 min
Lab File: BP024222.D
Acq: 08 Apr 2025 21:11

Tgt Ion:264 Resp: 2207610

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.1	17.7	26.5



Raw Data: **BP024223.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
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
BP024223.D	1	04/07/25 08:55	04/08/25 21:52	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.025	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.18	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101		35 - 115		67%	SPK: 150
13127-88-3	Phenol-d6	106		34 - 127		71%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.2		37 - 122		64%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.1		44 - 115		58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	117		39 - 132		78%	SPK: 150
1718-51-0	Terphenyl-d14	62.7		54 - 127		63%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229000	7.74				
1146-65-2	Naphthalene-d8	1020000	10.522				
15067-26-2	Acenaphthene-d10	745000	14.381				
1517-22-2	Phenanthrene-d10	1780000	17.181				

Raw Data: **BP024223.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-25-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-15	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.5
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
BP024223.D	1	04/07/25 08:55	04/08/25 21:52	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2340000	21.627				
1520-96-3	Perylene-d12	2620000	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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: **BP024223.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024223.D
Acq On : 08 Apr 2025 21:52
Operator : RC/JU
Sample : Q1730-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-25-040325

Quant Time: Apr 09 01:03:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

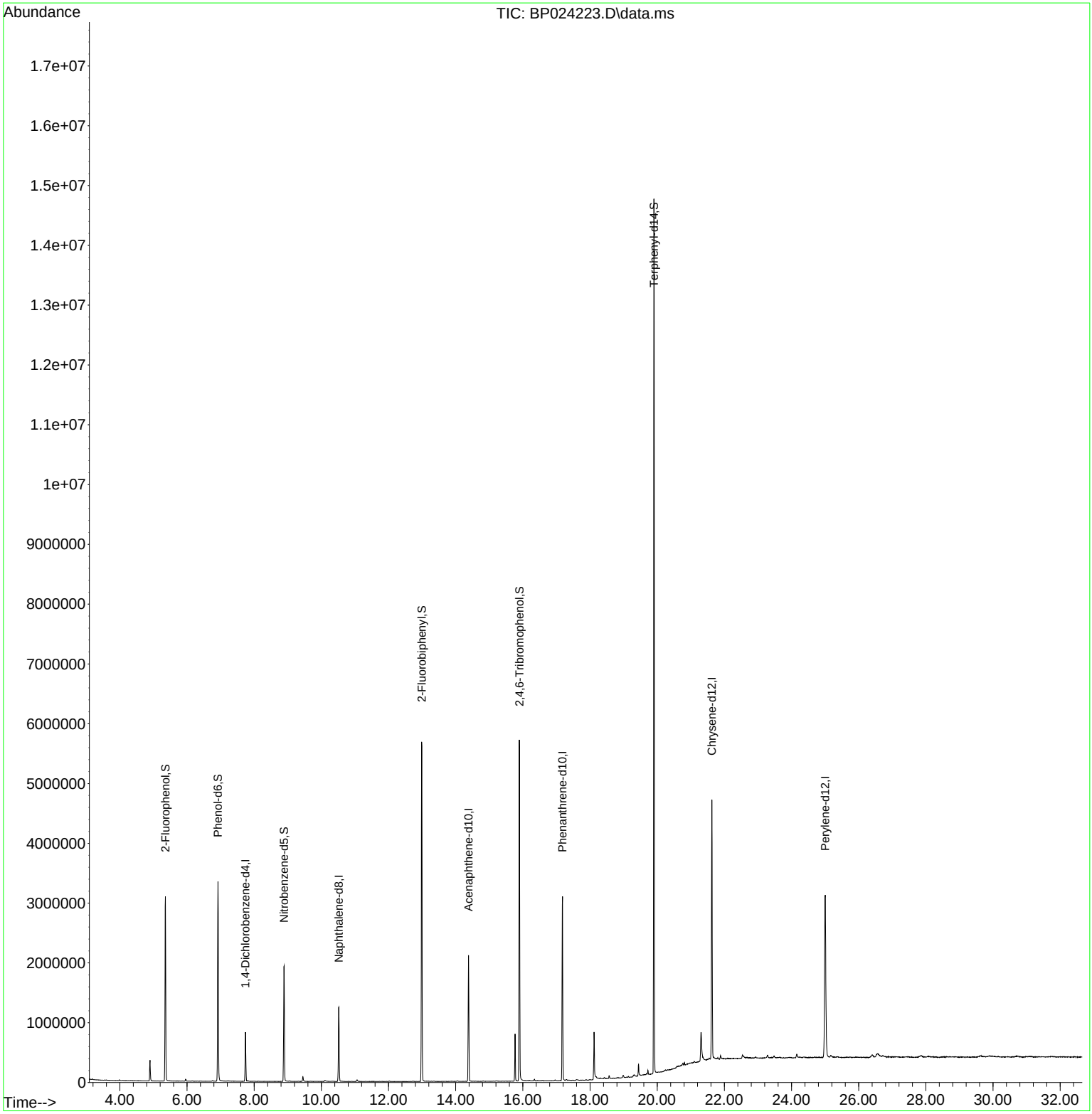
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	229471	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1019602	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	744658	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1784732	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	2340680	20.000	ng	-0.03
86) Perylene-d12	25.004	264	2624543	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1447148	100.669	ng	-0.02
7) Phenol-d6	6.922	99	2043195	106.286	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1159382	64.156	ng	-0.04
42) 2,4,6-Tribromophenol	15.898	330	1097071	116.960	ng	-0.02
45) 2-Fluorobiphenyl	12.993	172	2936041	58.138	ng	-0.02
79) Terphenyl-d14	19.904	244	7113676	62.735	ng	-0.02
Target Compounds						Qvalue

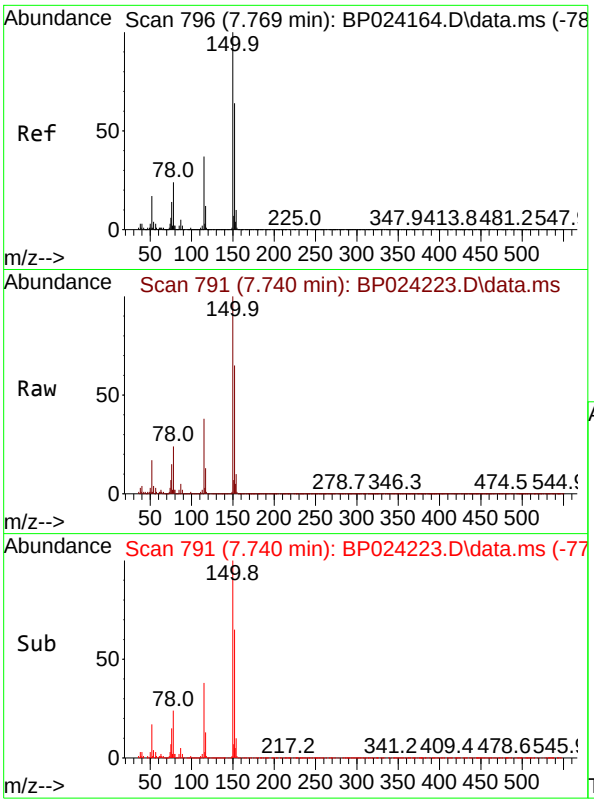
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024223.D
Acq On : 08 Apr 2025 21:52
Operator : RC/JU
Sample : Q1730-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-25-040325

Quant Time: Apr 09 01:03:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



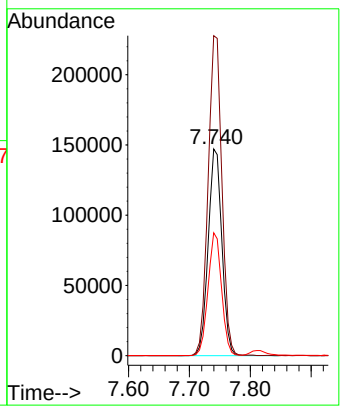


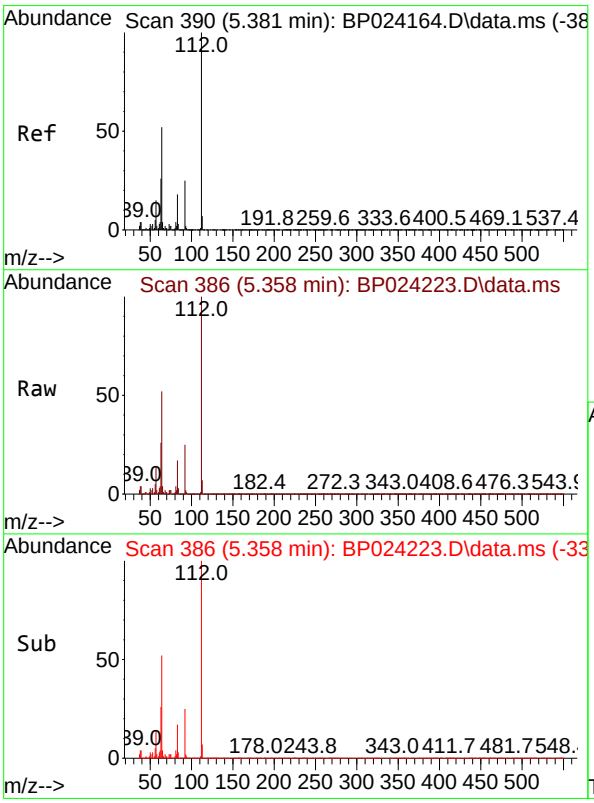
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-25-040325

Tgt Ion:152 Resp: 229471

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.5	188.3
115	59.4	46.3	69.5

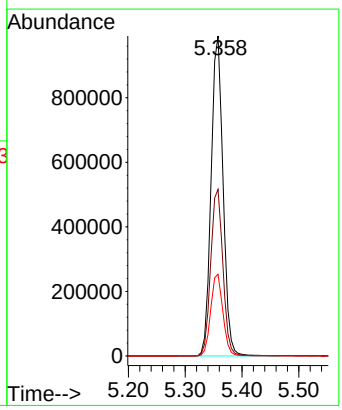


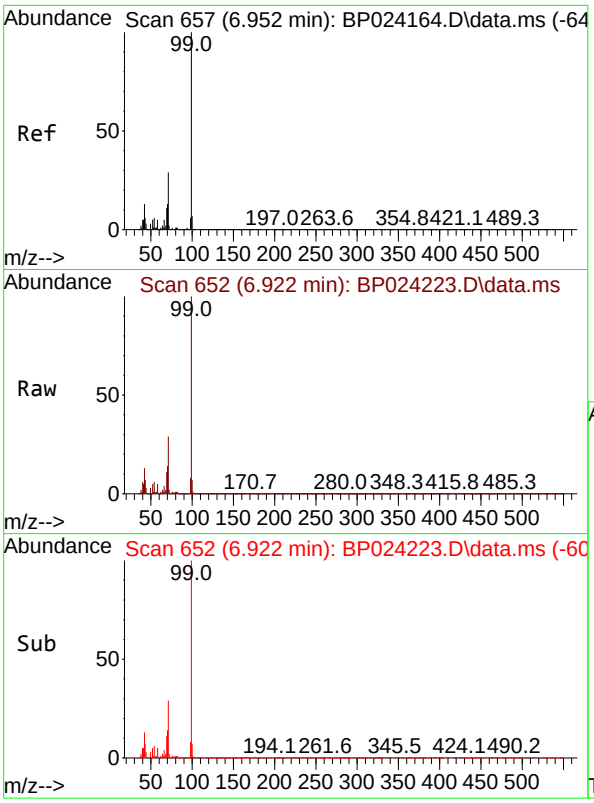


#5
2-Fluorophenol
Concen: 100.669 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Tgt Ion:112 Resp: 1447148

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.3	61.9
63	25.5	20.6	31.0



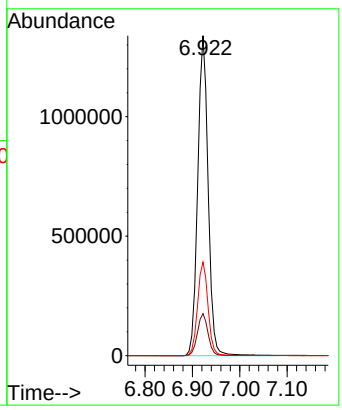


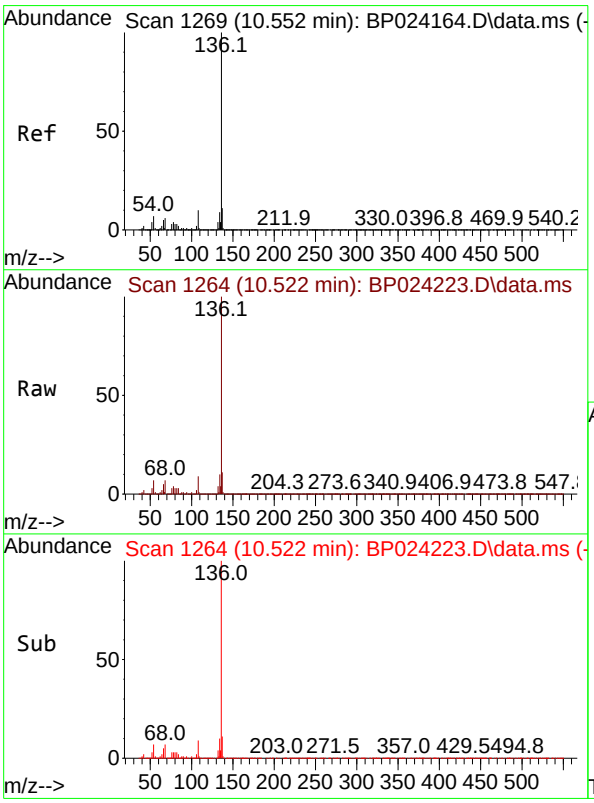
#7
Phenol-d6
Concen: 106.286 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-25-040325

Tgt Ion: 99 Resp: 2043195

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	16.0
71	29.3	23.3	34.9

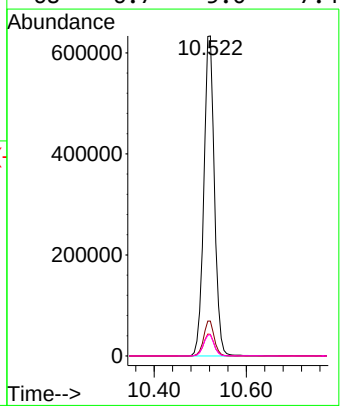


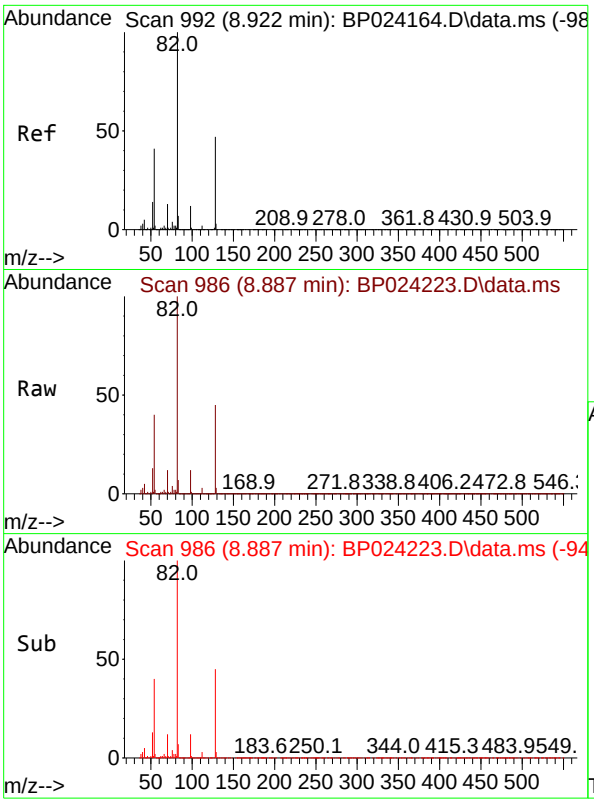


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.030 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Tgt Ion:136 Resp: 1019602

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.8	5.3	7.9
68	6.7	5.0	7.4



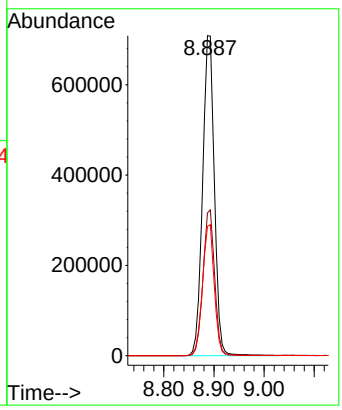


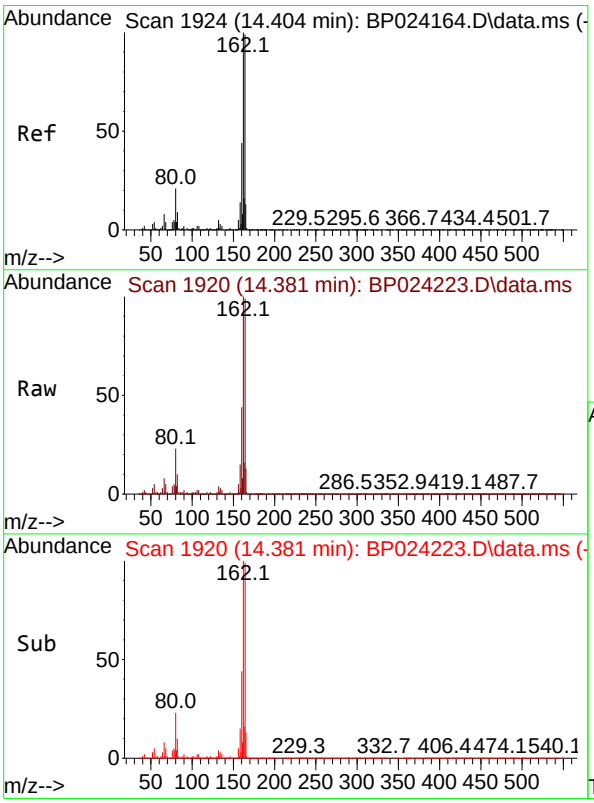
#23
Nitrobenzene-d5
Concen: 64.156 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-25-040325

Tgt Ion: 82 Resp: 1159382

Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.4	56.0
54	40.4	32.5	48.7

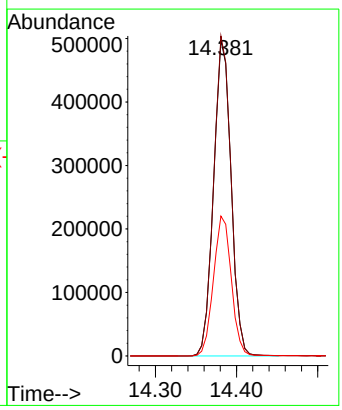


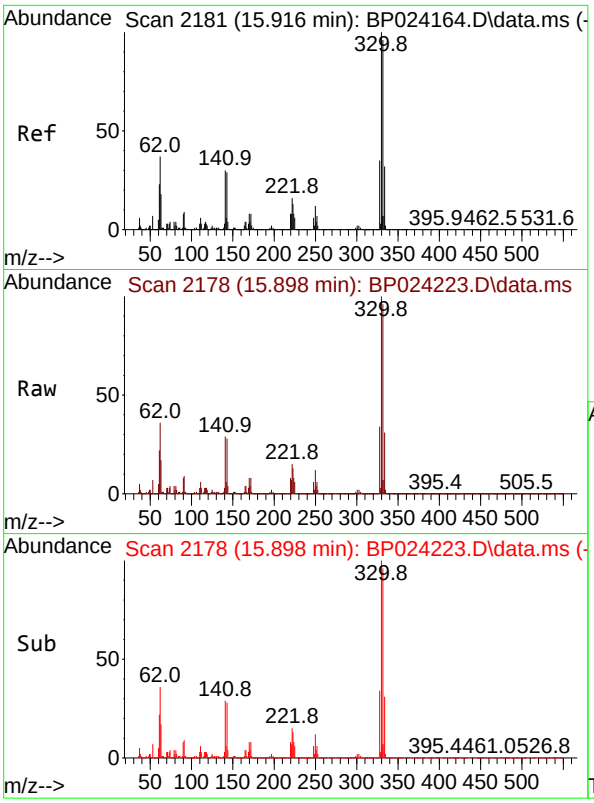


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Tgt Ion:164 Resp: 744658

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	121.0
160	44.3	35.4	53.2



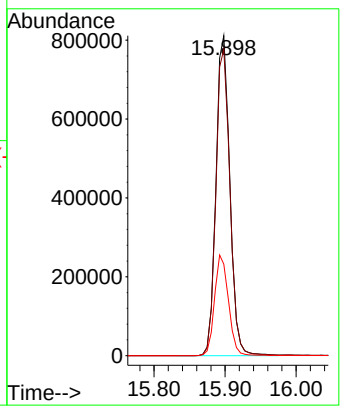


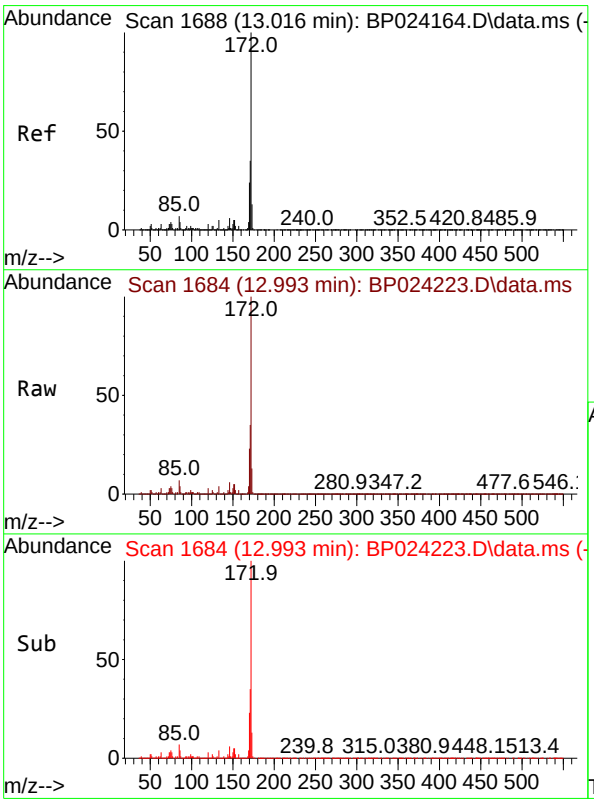
#42
2,4,6-Tribromophenol
Concen: 116.960 ng
RT: 15.898 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-25-040325

Tgt Ion:330 Resp: 1097071

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	31.7	25.0	37.6

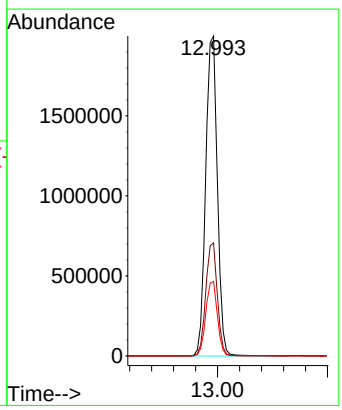


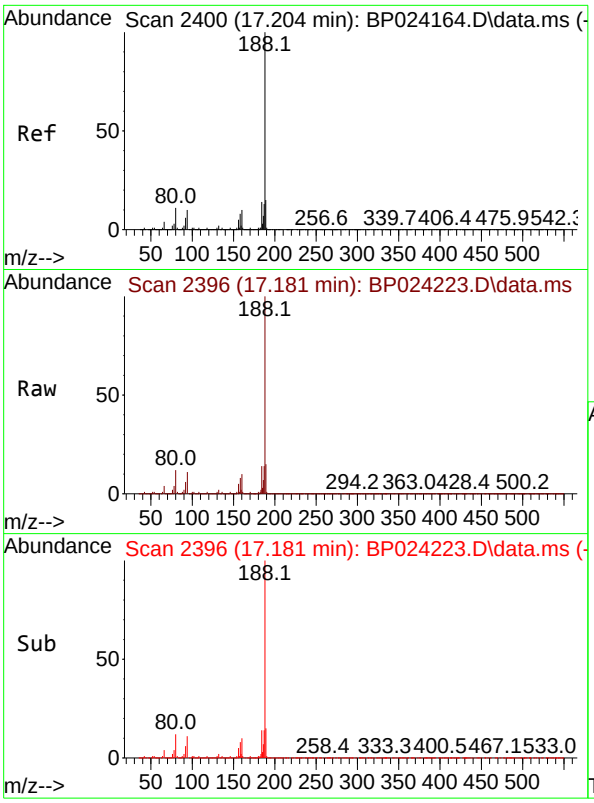


#45
2-Fluorobiphenyl
Concen: 58.138 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Tgt Ion:172 Resp: 2936041

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.3	19.0	28.4



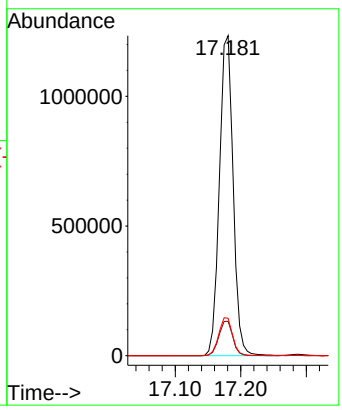


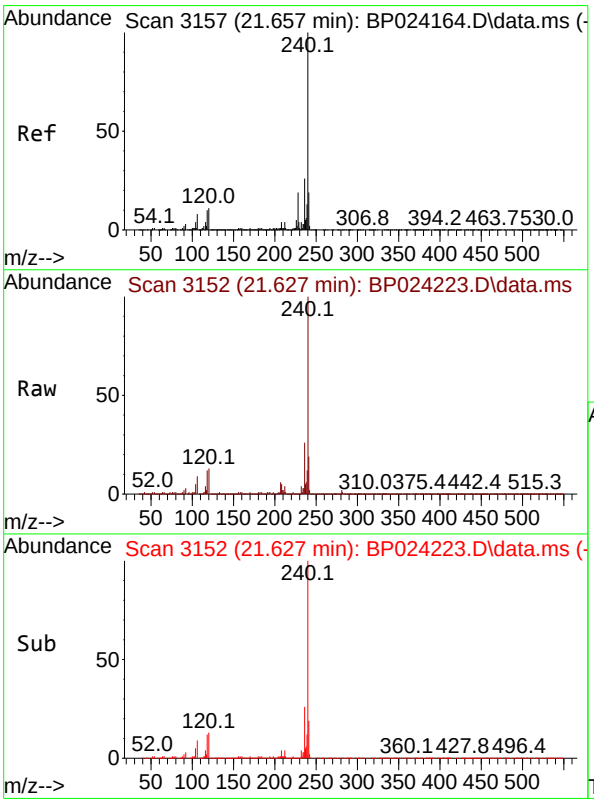
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-25-040325

Tgt Ion:188 Resp: 1784732

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.7	8.9	13.3

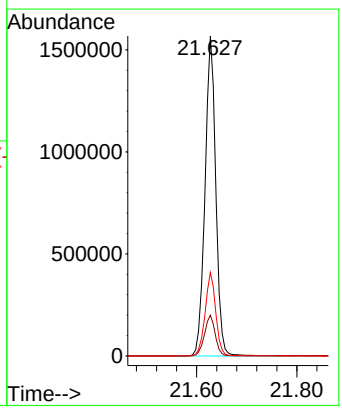


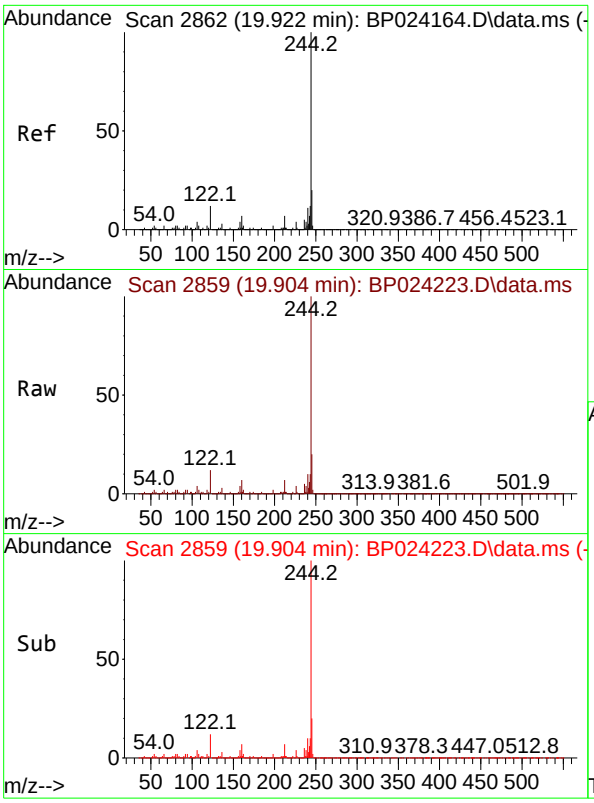


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. -0.030 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Tgt Ion:240 Resp: 2340680

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.2	13.8
236	26.1	20.4	30.6



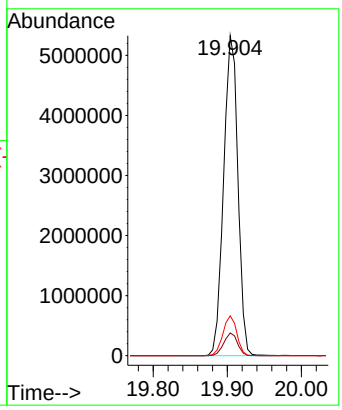


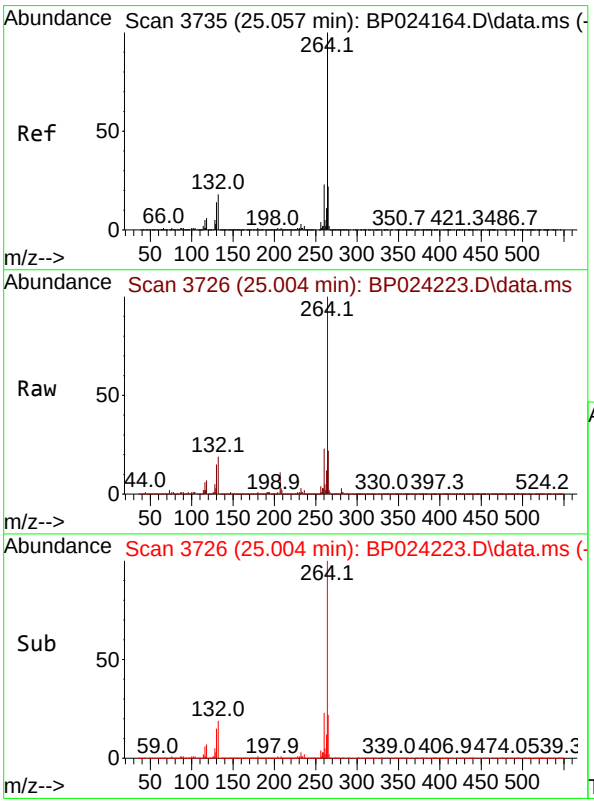
#79
Terphenyl-d14
Concen: 62.735 ng
RT: 19.904 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-25-040325

Tgt Ion:244 Resp: 7113676

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.5	9.6	14.4

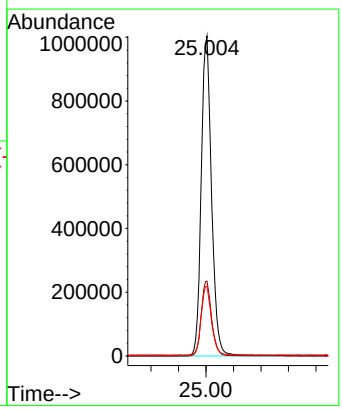




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3726
Delta R.T. -0.053 min
Lab File: BP024223.D
Acq: 08 Apr 2025 21:52

Tgt Ion:264 Resp: 2624543

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.9	17.7	26.5



Raw Data: **BP024224.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-26-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-17	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
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
BP024224.D	1	04/07/25 08:55	04/08/25 22:33	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.025	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.18	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		35 - 115		74%	SPK: 150
13127-88-3	Phenol-d6	105		34 - 127		70%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.0		37 - 122		74%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.0		44 - 115		72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		39 - 132		75%	SPK: 150
1718-51-0	Terphenyl-d14	73.7		54 - 127		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	381000	7.74				
1146-65-2	Naphthalene-d8	1490000	10.522				
15067-26-2	Acenaphthene-d10	856000	14.375				
1517-22-2	Phenanthrene-d10	1630000	17.187				

Raw Data: **BP024224.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-PCS-TC-26-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-17	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.1
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
BP024224.D	1	04/07/25 08:55	04/08/25 22:33	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1730000	21.633				
1520-96-3	Perylene-d12	1820000	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N D	mg/Kg

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: **BP024224.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024224.D
Acq On : 08 Apr 2025 22:33
Operator : RC/JU
Sample : Q1730-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Quant Time: Apr 09 01:03:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

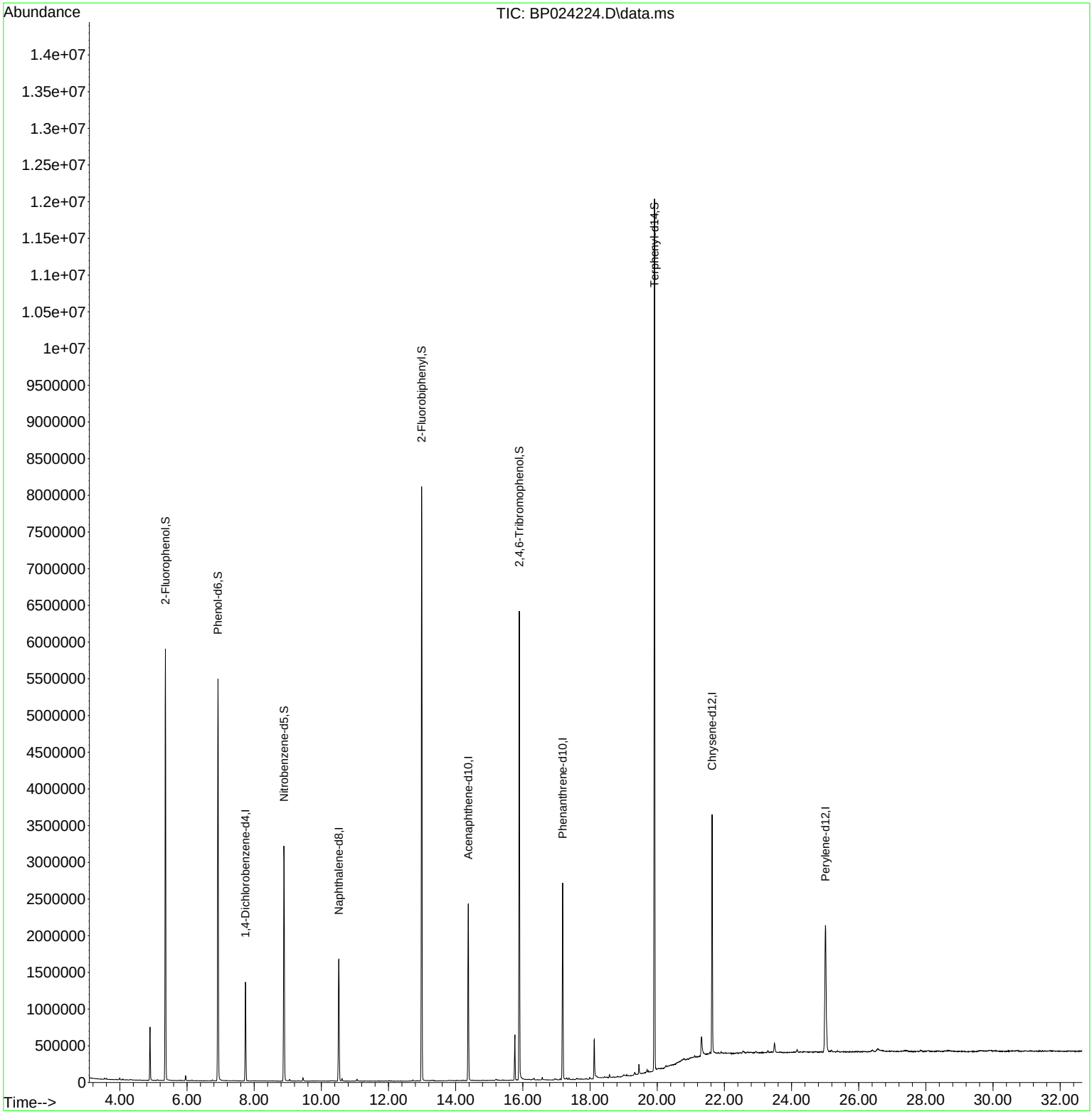
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	380917	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1487334	20.000	ng	-0.03
39) Acenaphthene-d10	14.375	164	855561	20.000	ng	-0.03
64) Phenanthrene-d10	17.187	188	1625029	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1730314	20.000	ng	-0.02
86) Perylene-d12	25.010	264	1816084	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2635990	110.465	ng	-0.02
7) Phenol-d6	6.922	99	3344484	104.808	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1951811	74.041	ng	-0.04
42) 2,4,6-Tribromophenol	15.893	330	1216755	112.904	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	4176698	71.984	ng	-0.03
79) Terphenyl-d14	19.922	244	6178706	73.710	ng	0.00
Target Compounds						Qvalue

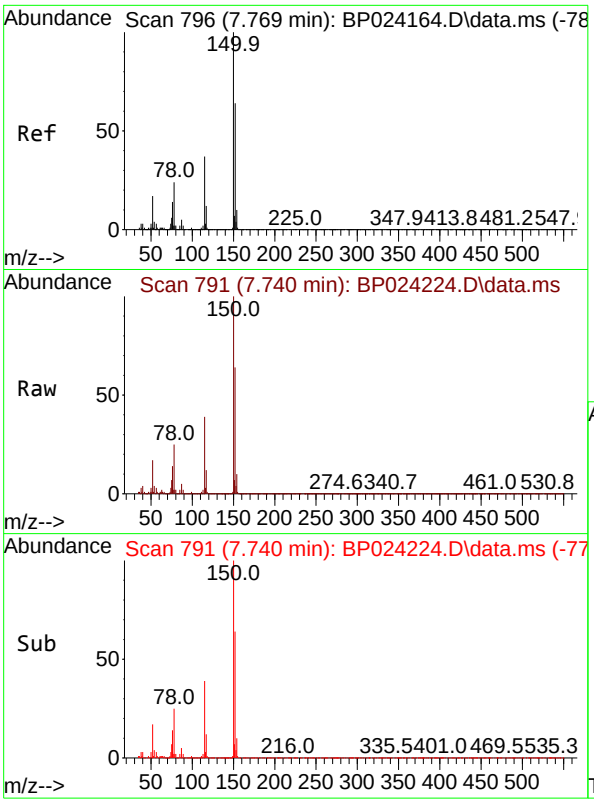
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024224.D
Acq On : 08 Apr 2025 22:33
Operator : RC/JU
Sample : Q1730-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Quant Time: Apr 09 01:03:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



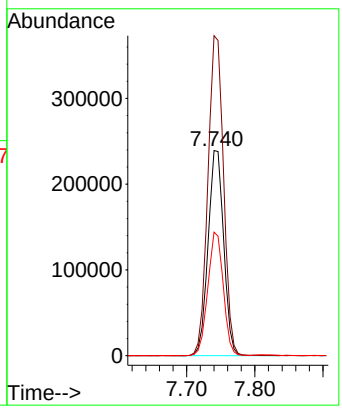


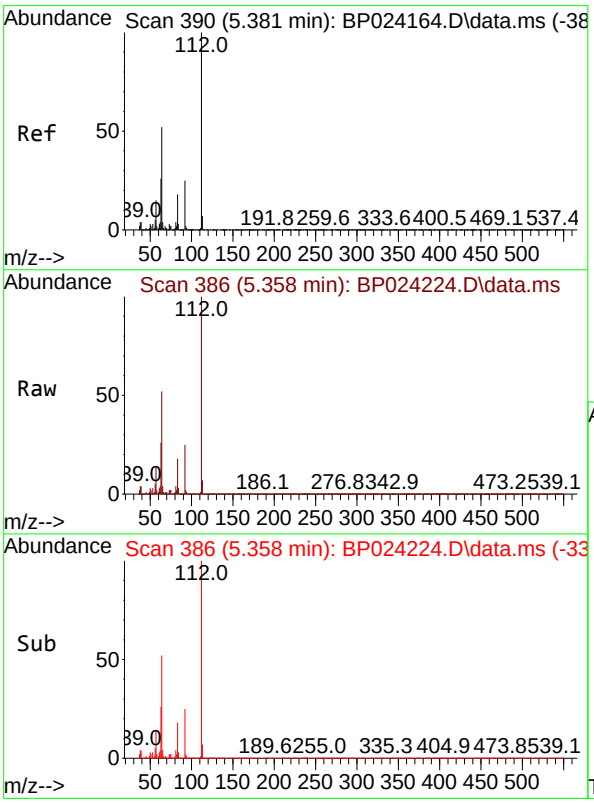
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Tgt Ion:152 Resp: 380917

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.5	188.3
115	60.2	46.3	69.5

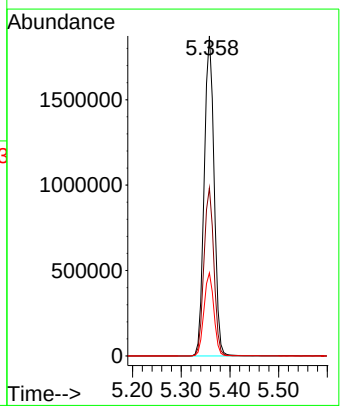


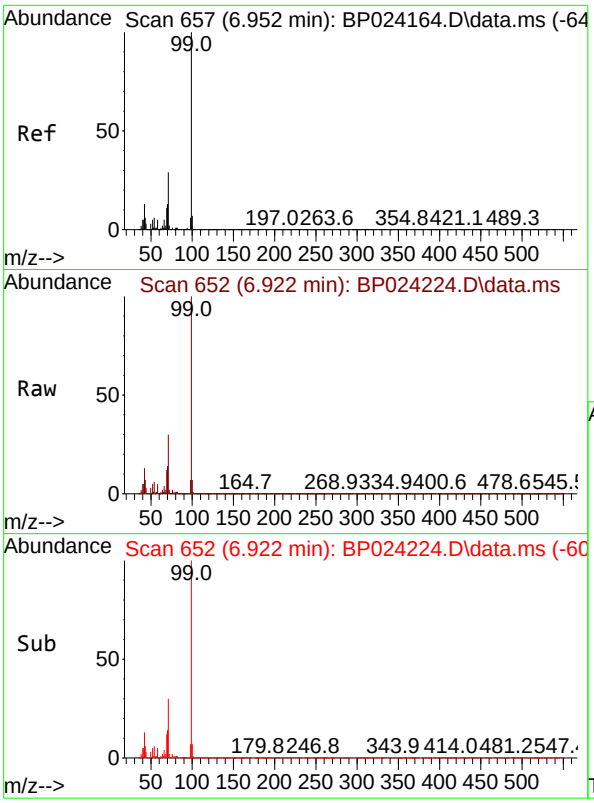


#5
2-Fluorophenol
Concen: 110.465 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.023 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion:112 Resp: 2635990

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.3	61.9
63	25.9	20.6	31.0



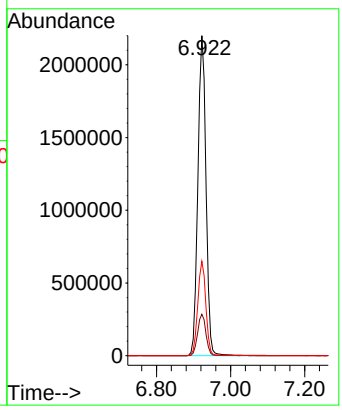


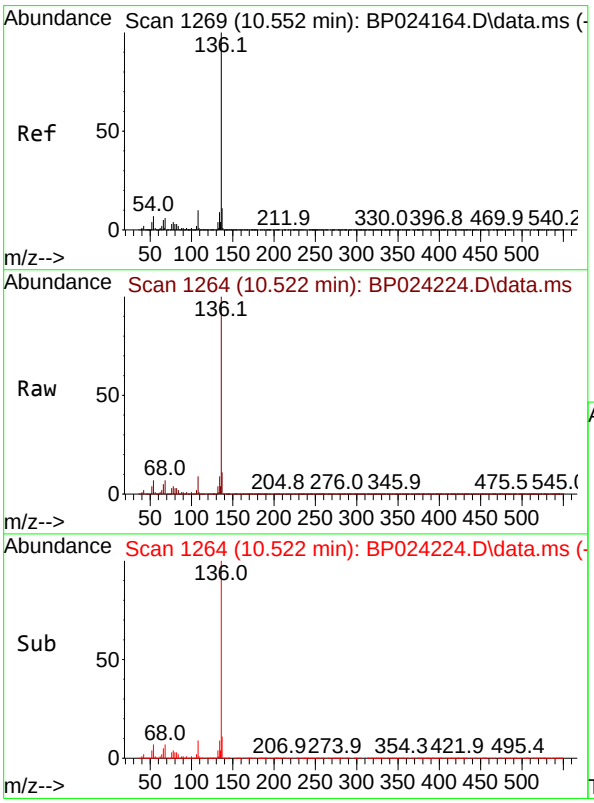
#7
Phenol-d6
Concen: 104.808 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Tgt Ion: 99 Resp: 3344484

Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	16.0
71	29.5	23.3	34.9

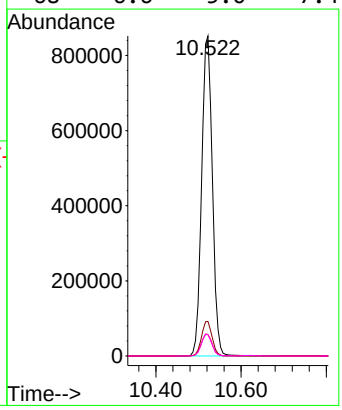


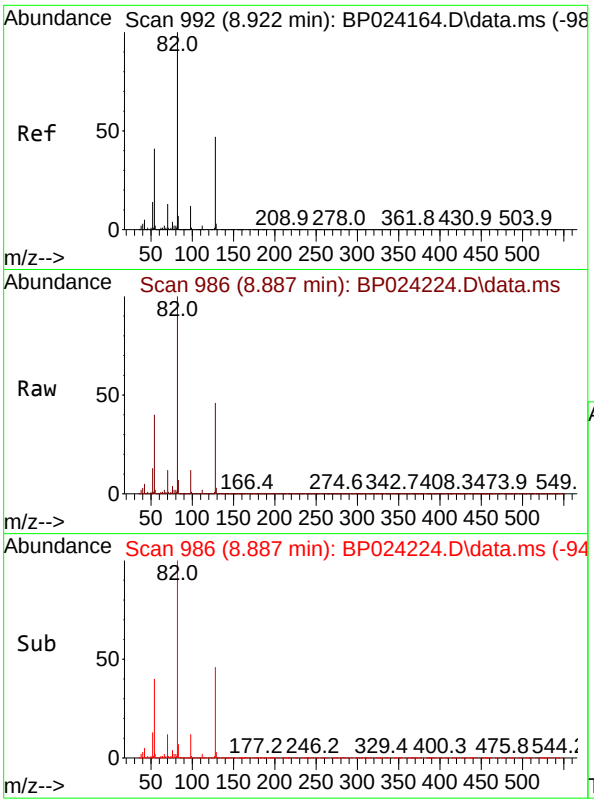


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion:136 Resp: 1487334

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.3	7.9
68	6.6	5.0	7.4



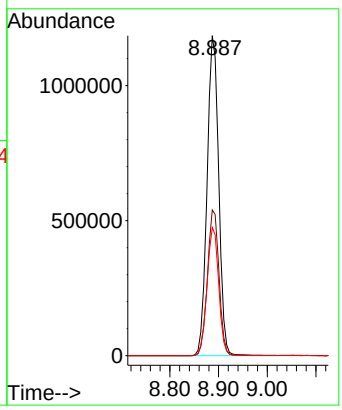


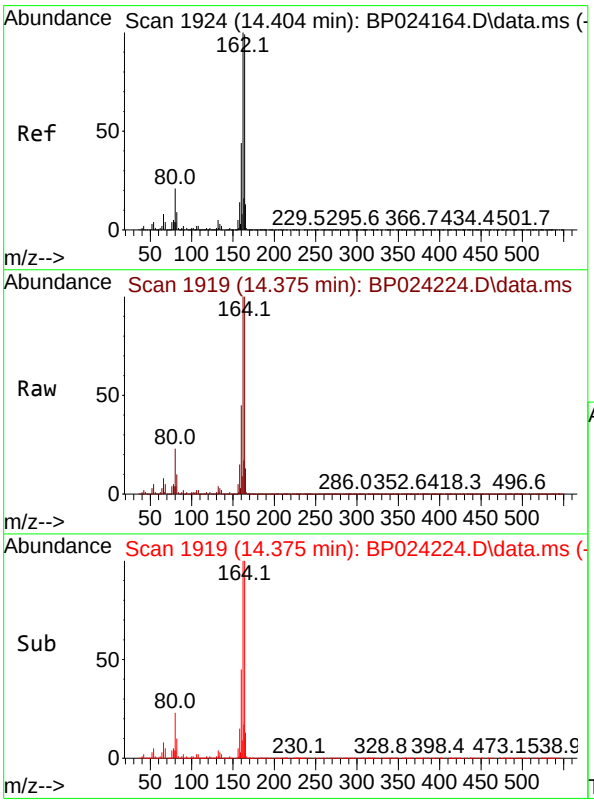
#23
Nitrobenzene-d5
Concen: 74.041 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Tgt Ion: 82 Resp: 1951811

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.0
54	40.0	32.5	48.7

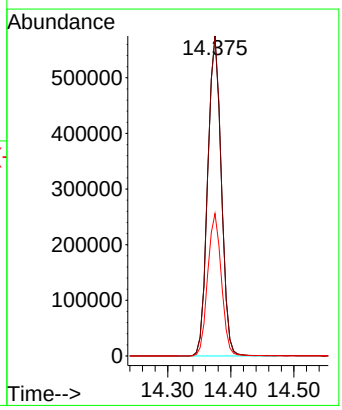


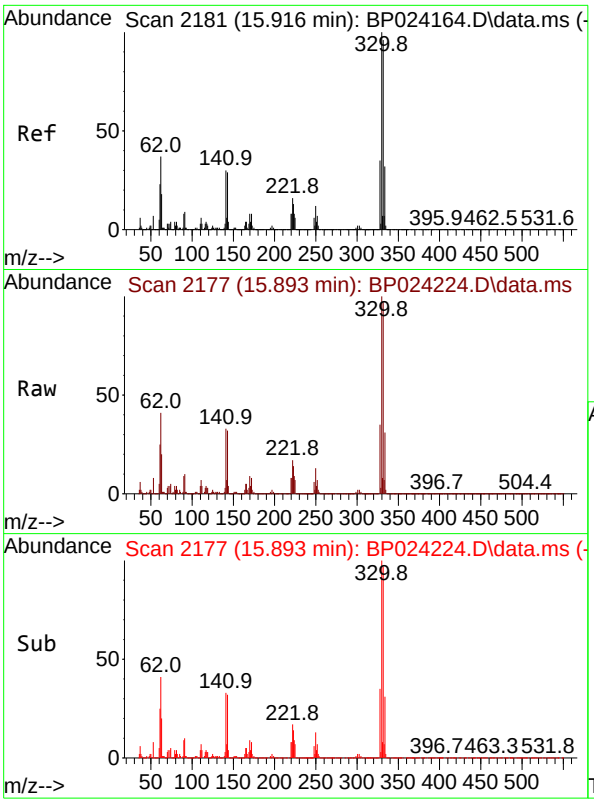


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion:164 Resp: 855561

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	44.5	35.4	53.2



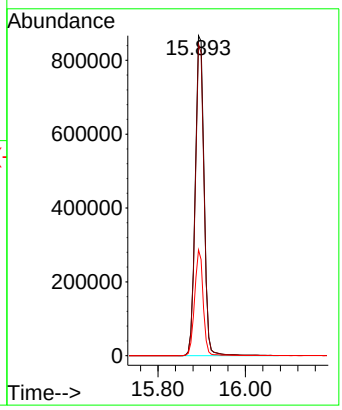


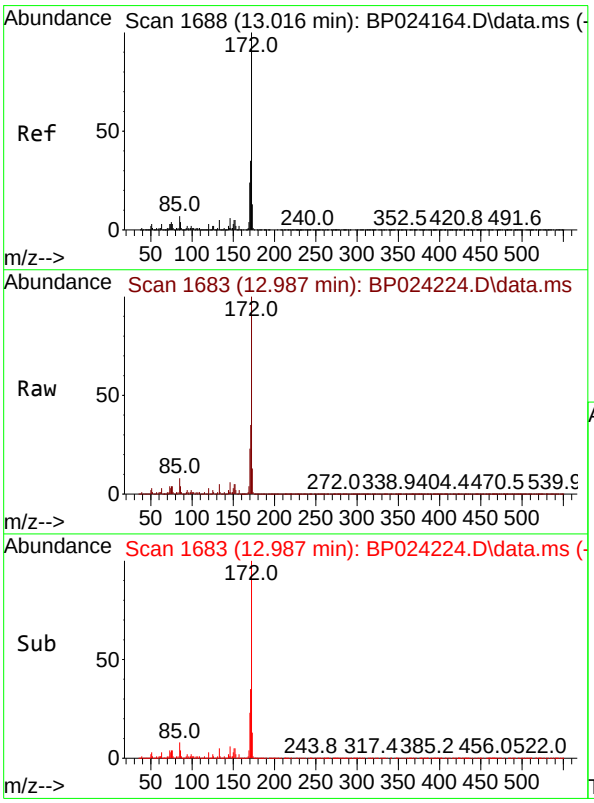
#42
2,4,6-Tribromophenol
Concen: 112.904 ng
RT: 15.893 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Tgt Ion:330 Resp: 1216755

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	32.1	25.0	37.6

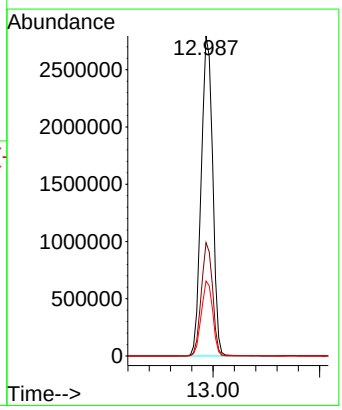


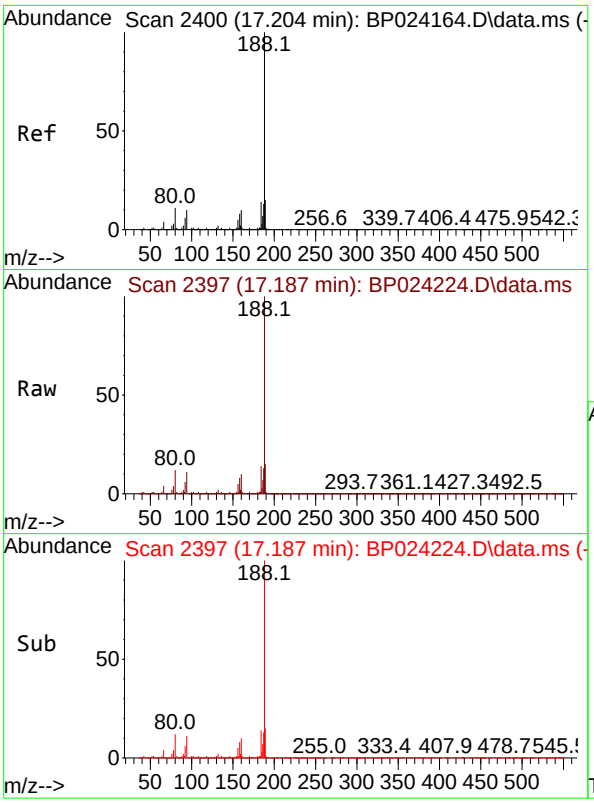


#45
2-Fluorobiphenyl
Concen: 71.984 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion:172 Resp: 4176698

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.4	19.0	28.4



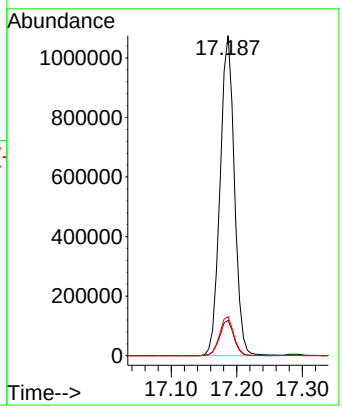


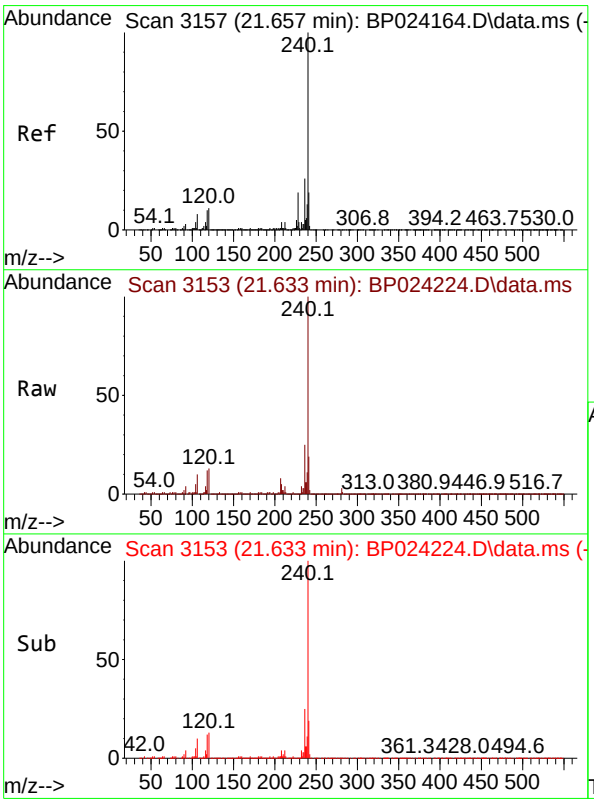
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Tgt Ion:188 Resp: 1625029

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.1	12.1
80	12.2	8.9	13.3

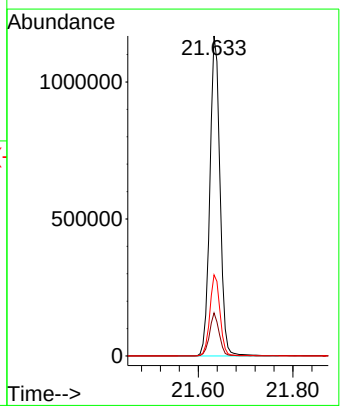


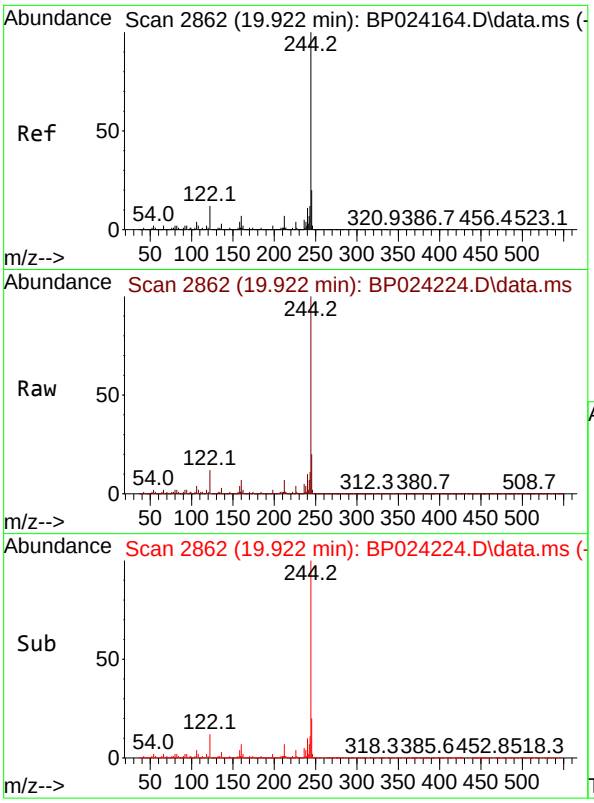


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.023 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion:240 Resp: 1730314

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.2	13.8
236	25.4	20.4	30.6



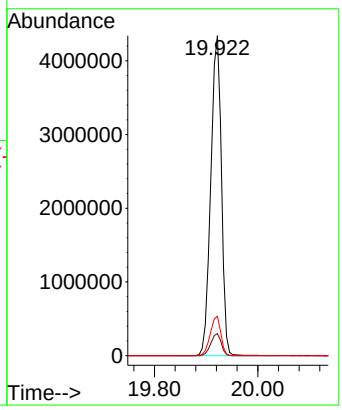


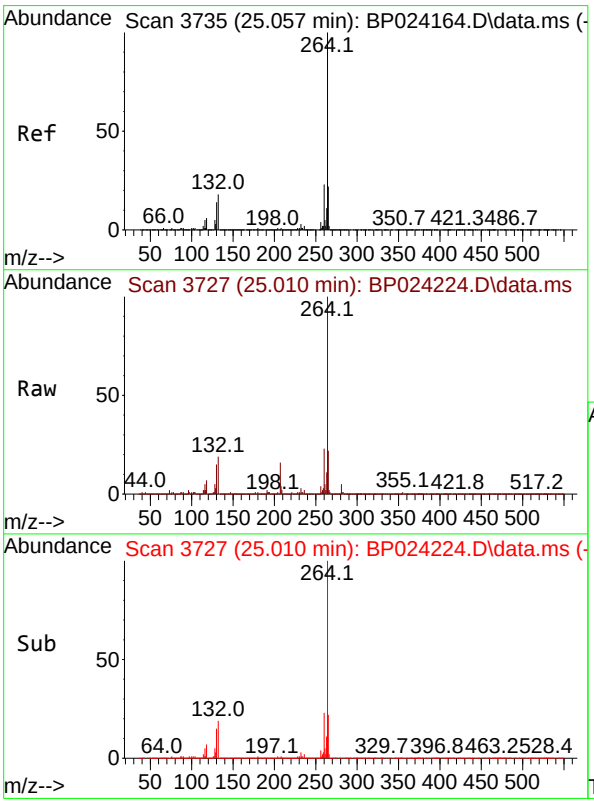
#79
Terphenyl-d14
Concen: 73.710 ng
RT: 19.922 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Tgt Ion:244 Resp: 6178706

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.3	9.6	14.4

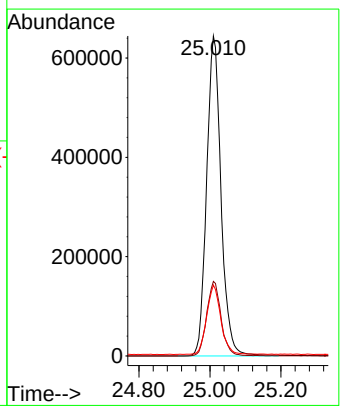




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.010 min Scan# 3727
Delta R.T. -0.047 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion:264 Resp: 1816084

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.2	17.7	26.5



Raw Data: **BP024225.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.9
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
BP024225.D	1	04/07/25 08:55	04/08/25 23:13	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.024	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.027	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.022	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.035	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.032	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.038	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.021	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.020	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.031	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.029	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.027	0.14	0.18	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105		35 - 115		70%	SPK: 150
13127-88-3	Phenol-d6	106		34 - 127		71%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.5		37 - 122		69%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.2		44 - 115		64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		39 - 132		74%	SPK: 150
1718-51-0	Terphenyl-d14	79.7		54 - 127		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	330000	7.74				
1146-65-2	Naphthalene-d8	1350000	10.516				
15067-26-2	Acenaphthene-d10	859000	14.381				
1517-22-2	Phenanthrene-d10	1810000	17.192				

Raw Data: **BP024225.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-CF-15-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.9
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
BP024225.D	1	04/07/25 08:55	04/08/25 23:13	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1660000	21.633				
1520-96-3	Perylene-d12	1560000	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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: **BP024225.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024225.D
Acq On : 08 Apr 2025 23:13
Operator : RC/JU
Sample : Q1730-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

Quant Time: Apr 09 01:03:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

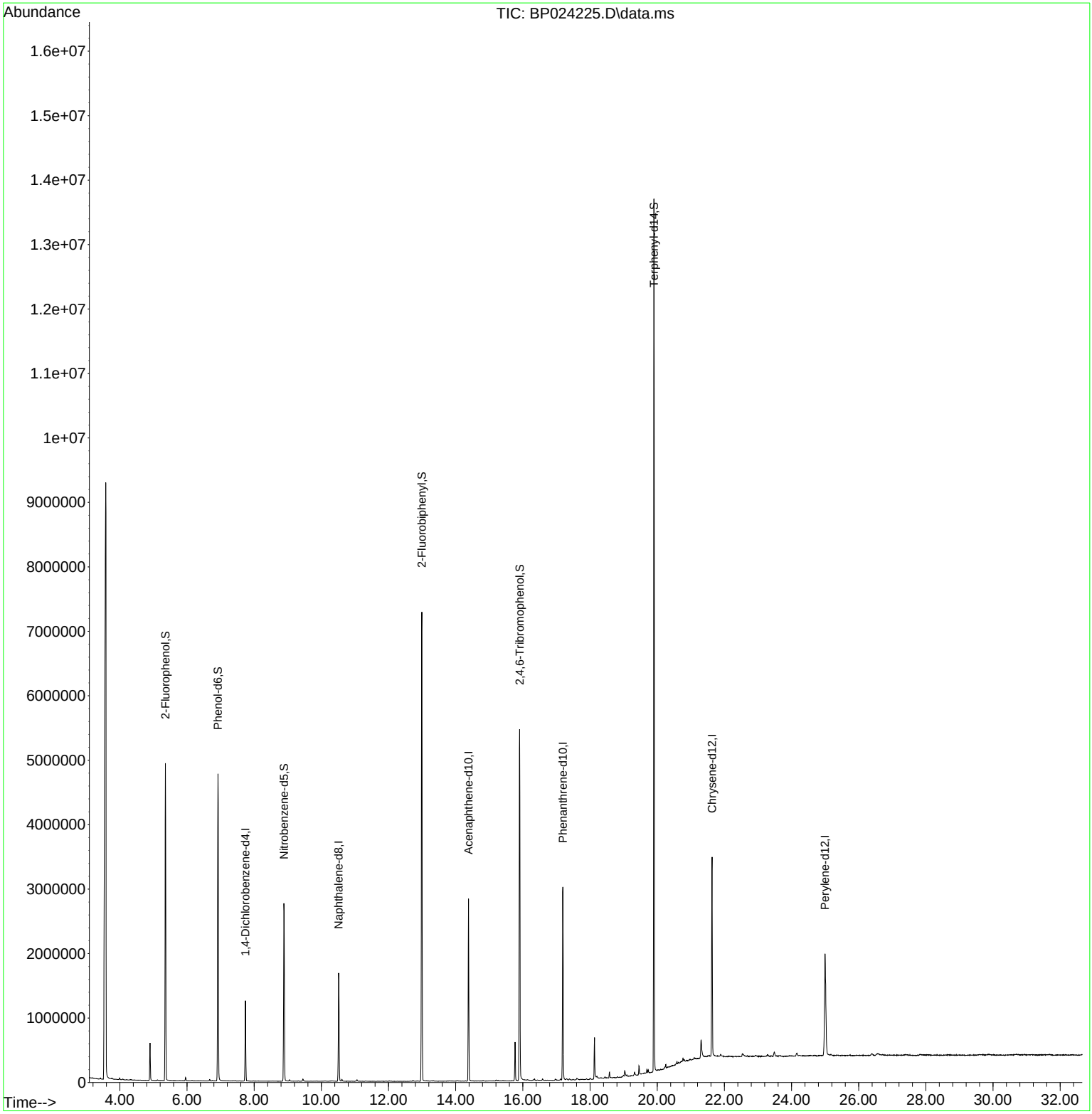
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	330426	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1354281	20.000	ng	-0.04
39) Acenaphthene-d10	14.381	164	859413	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1805839	20.000	ng	-0.01
76) Chrysene-d12	21.633	240	1663406	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1560238	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2167877	104.730	ng	-0.02
7) Phenol-d6	6.922	99	2941230	106.255	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1645233	68.542	ng	-0.04
42) 2,4,6-Tribromophenol	15.904	330	1206693	111.469	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3743948	64.236	ng	-0.02
79) Terphenyl-d14	19.904	244	6419325	79.661	ng	-0.02
Target Compounds						Qvalue

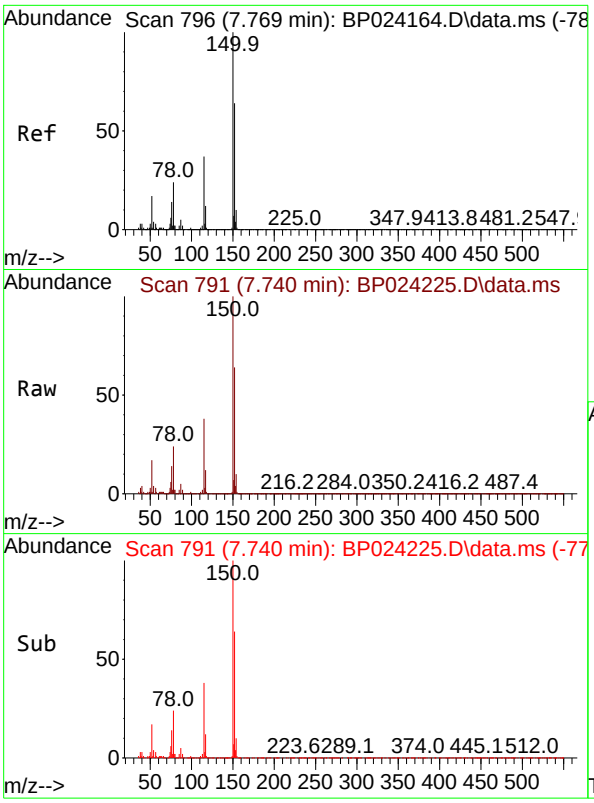
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024225.D
Acq On : 08 Apr 2025 23:13
Operator : RC/JU
Sample : Q1730-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

Quant Time: Apr 09 01:03:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



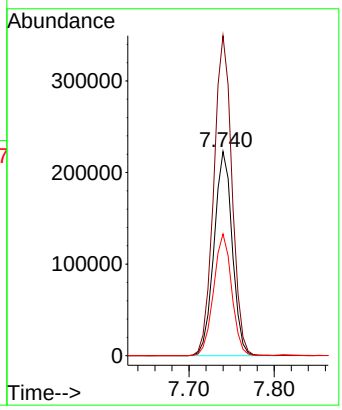


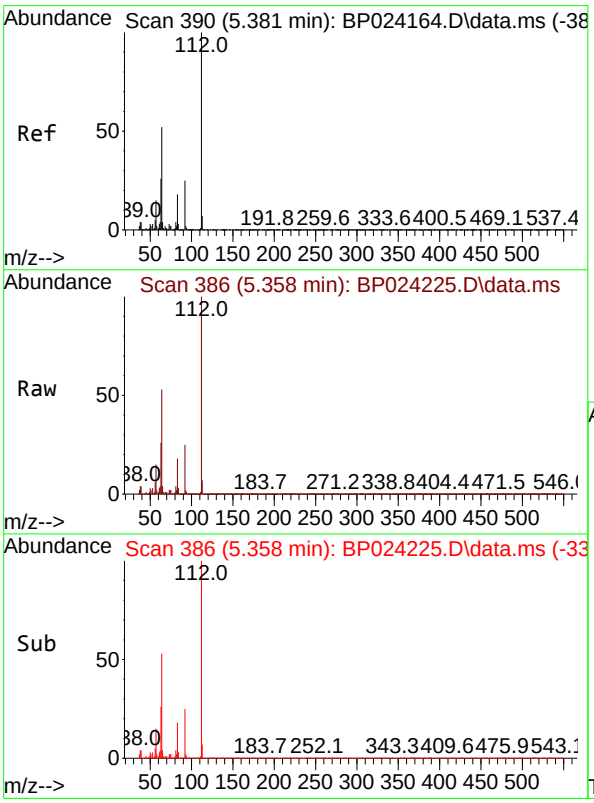
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

Tgt Ion:152 Resp: 330426

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.5	188.3
115	59.7	46.3	69.5

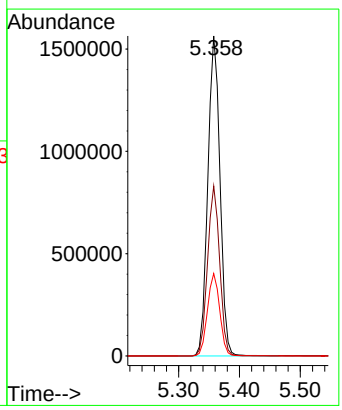


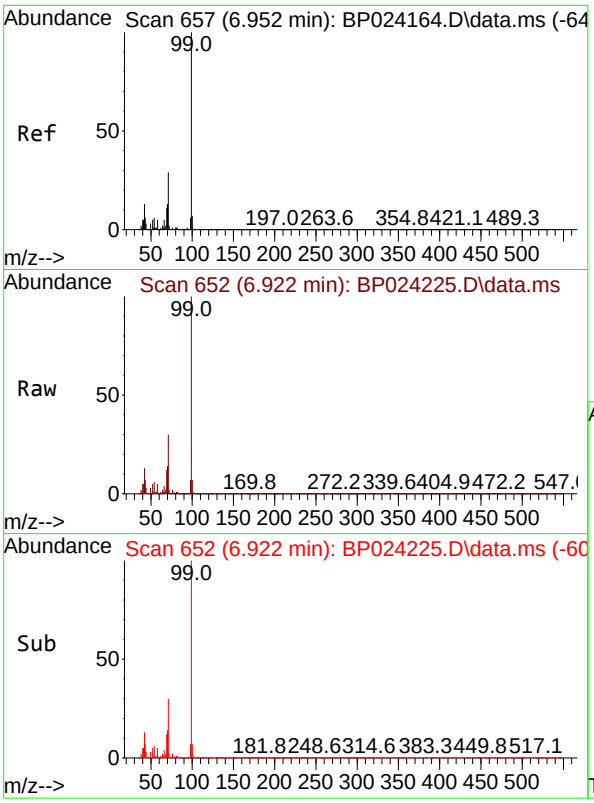


#5
2-Fluorophenol
Concen: 104.730 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion:112 Resp: 2167877

Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.3	61.9
63	25.8	20.6	31.0



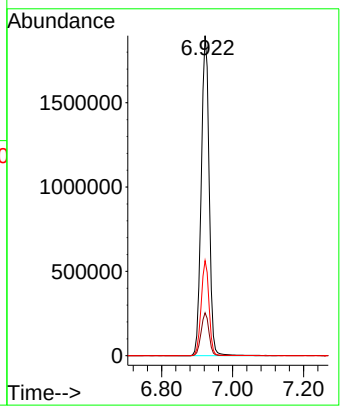


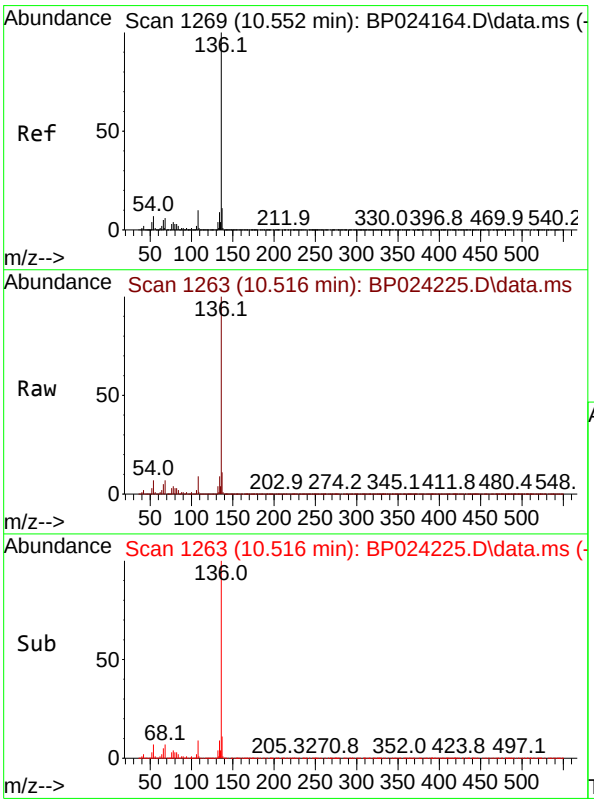
#7
Phenol-d6
Concen: 106.255 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

Tgt Ion: 99 Resp: 2941230

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	16.0
71	29.7	23.3	34.9

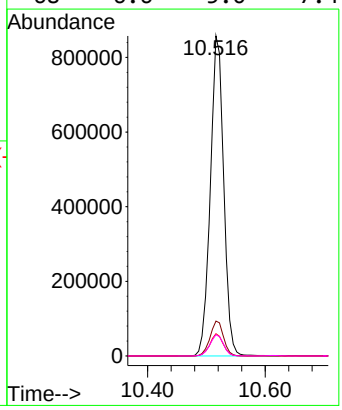


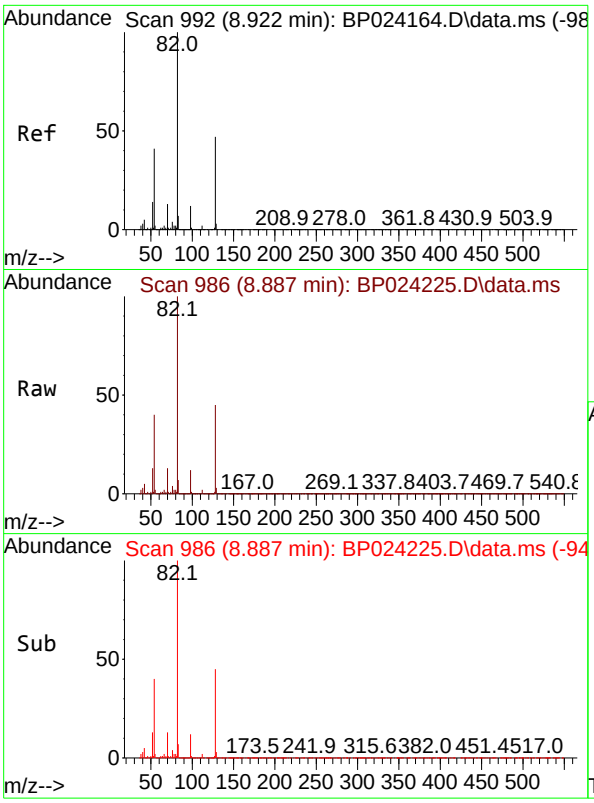


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion:136 Resp: 1354281

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.3	7.9
68	6.6	5.0	7.4



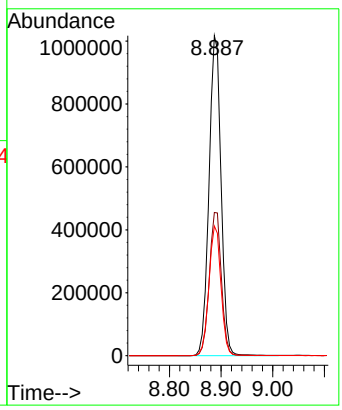


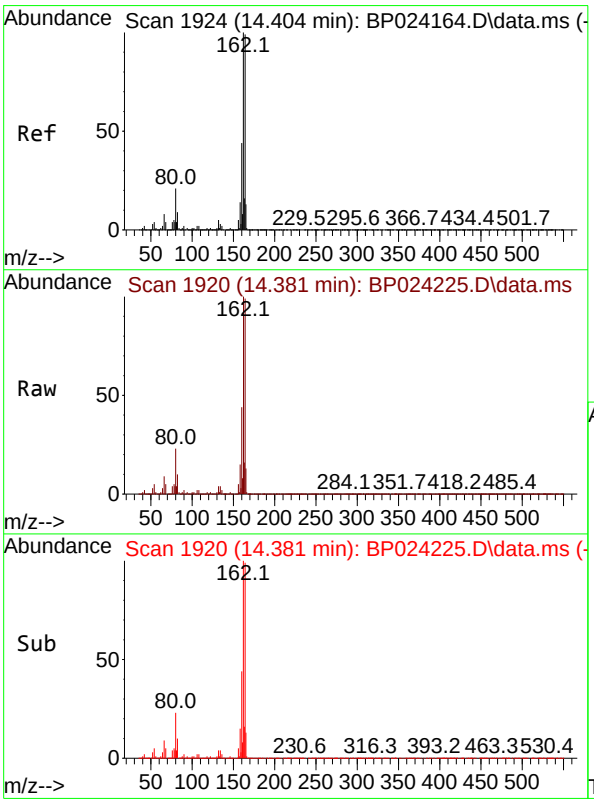
#23
Nitrobenzene-d5
Concen: 68.542 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

Tgt Ion: 82 Resp: 1645233

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.4	56.0
54	40.5	32.5	48.7

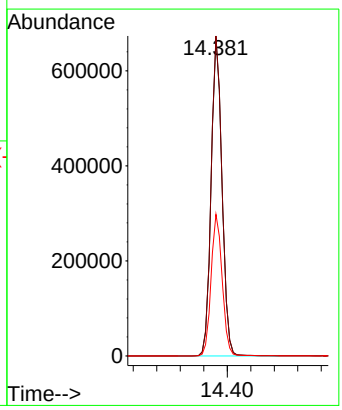


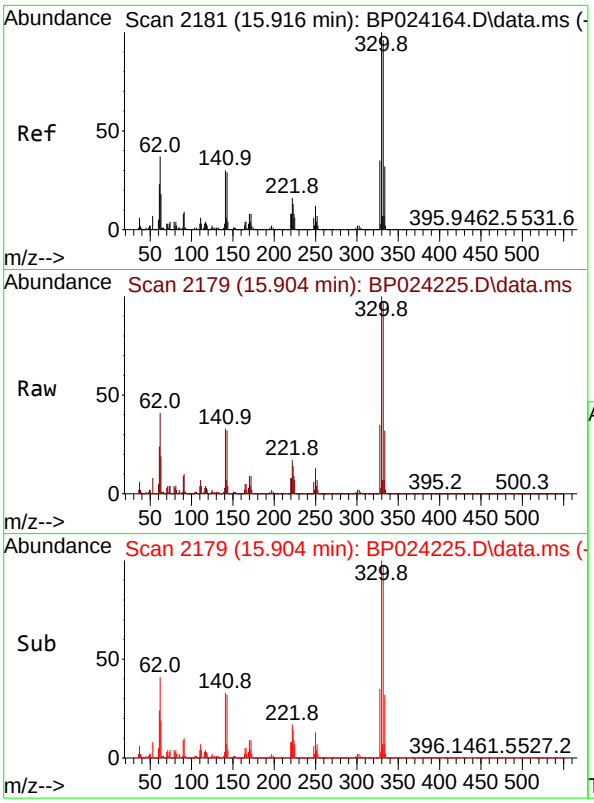


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion:164 Resp: 859413

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	44.6	35.4	53.2



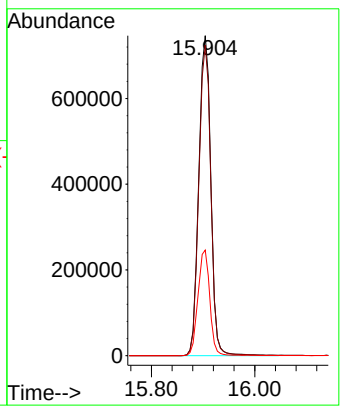


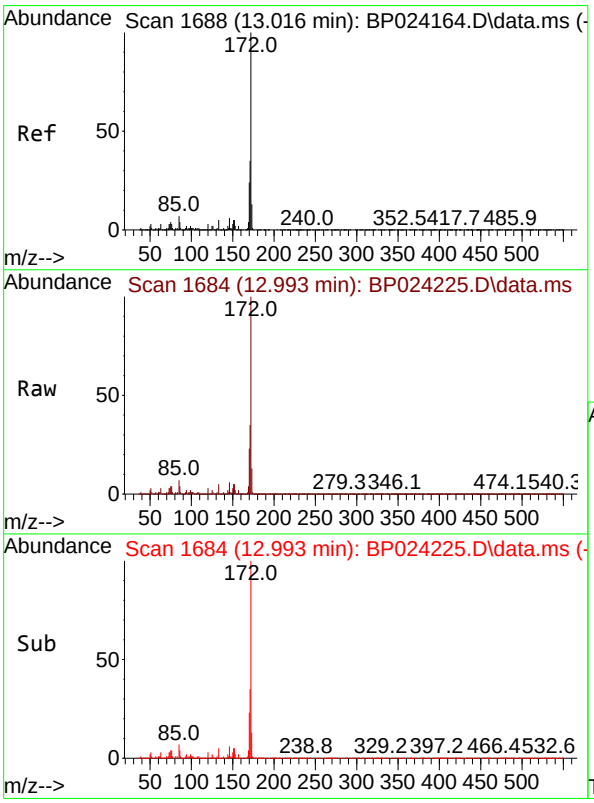
#42
2,4,6-Tribromophenol
Concen: 111.469 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

Tgt Ion:330 Resp: 1206693

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	32.6	25.0	37.6

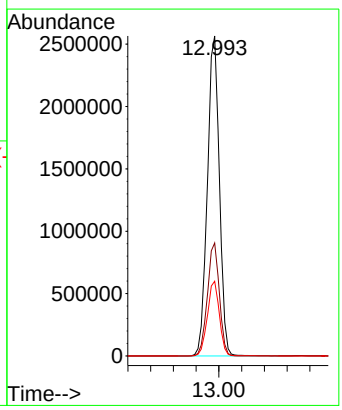


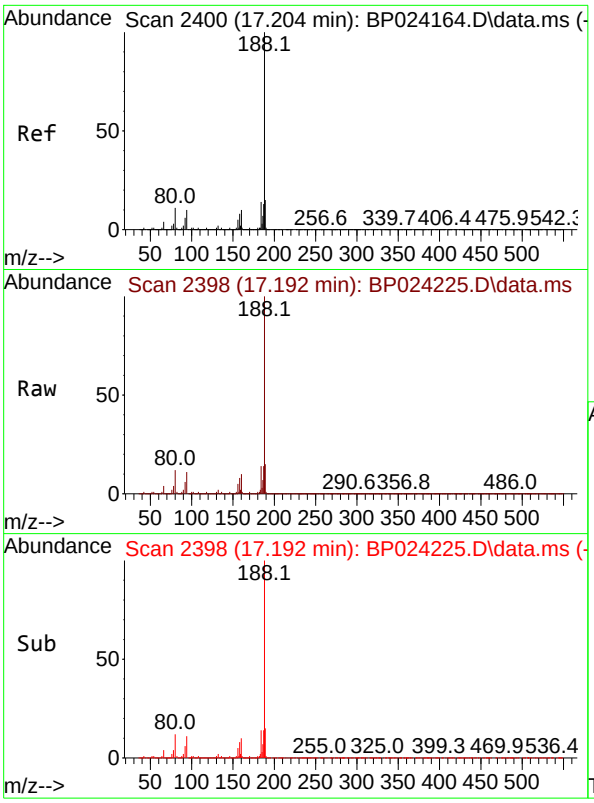


#45
2-Fluorobiphenyl
Concen: 64.236 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion:172 Resp: 3743948

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.3	19.0	28.4



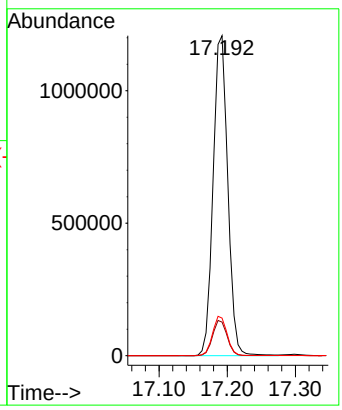


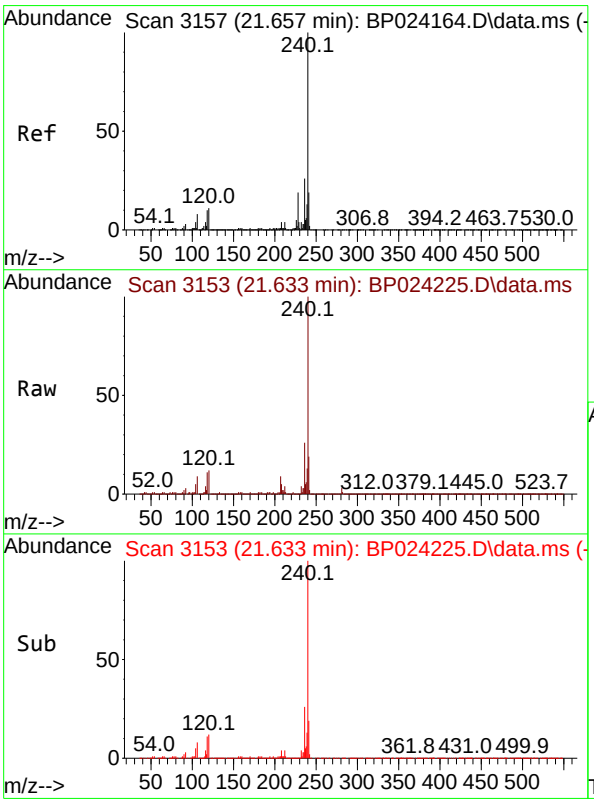
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

Tgt Ion:188 Resp: 1805839

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.7	8.9	13.3

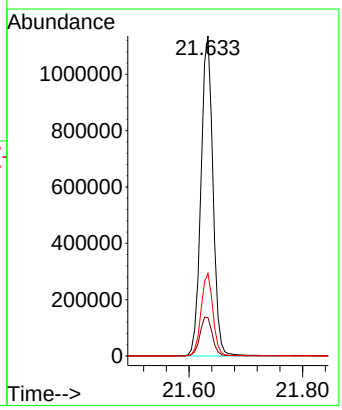


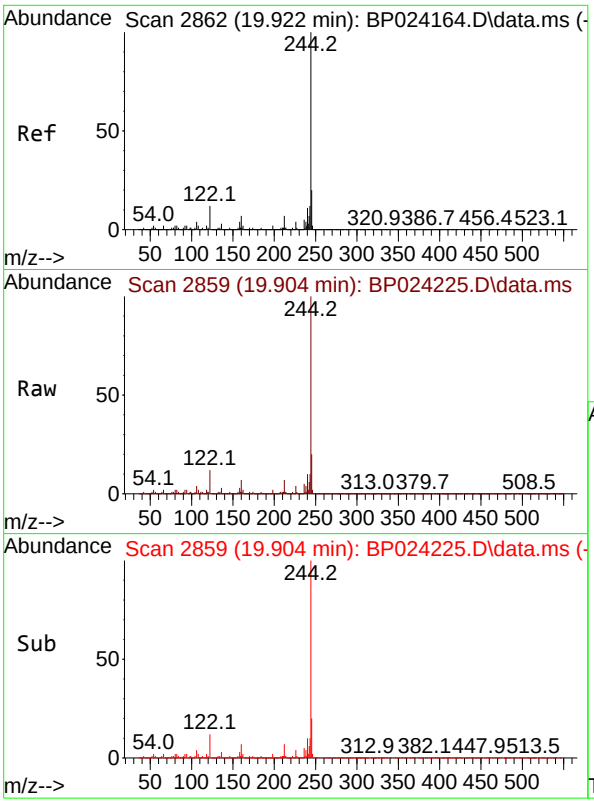


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.024 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion:240 Resp: 1663406

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.2	13.8
236	25.8	20.4	30.6



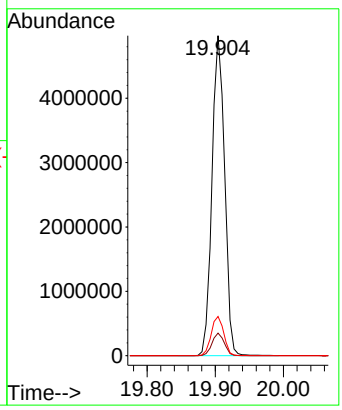


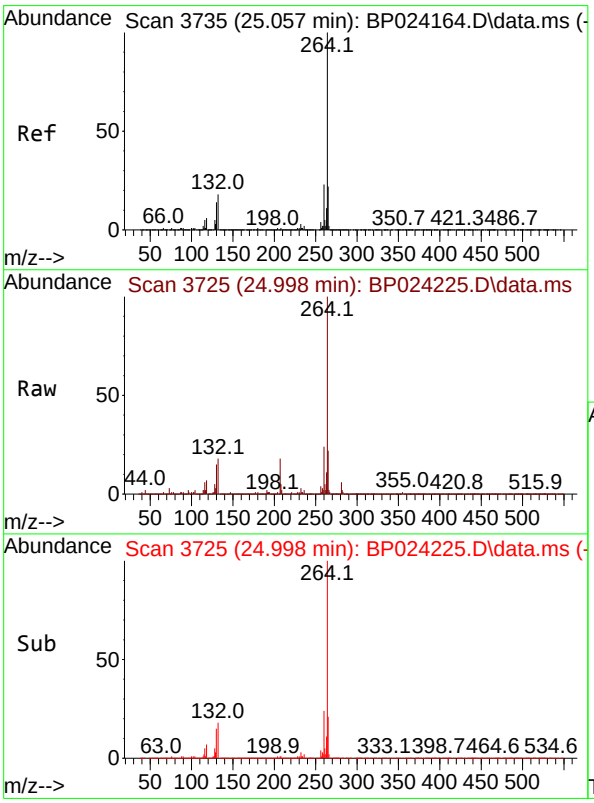
#79
Terphenyl-d14
Concen: 79.661 ng
RT: 19.904 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Instrument :
BNA_P
ClientSampleId :
OU4-CF-15-040325

Tgt Ion:244 Resp: 6419325

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.2	9.6	14.4

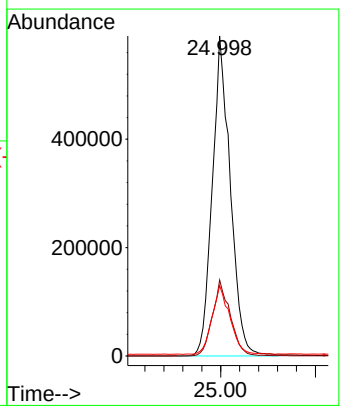




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3725
Delta R.T. -0.059 min
Lab File: BP024225.D
Acq: 08 Apr 2025 23:13

Tgt Ion:264 Resp: 1560238

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.0	17.7	26.5



CALIBRATION SUMMARY

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 05:55:58 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024160.D 5 =BP024161.D 10 =BP024162.D 20 =BP024163.D 40 =BP024164.D 50 =BP024165.D 60 =BP024166.D 80 =BP0241
67.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.503	0.499	0.518	0.469	0.496	0.498	0.493	0.497	2.93
3)		Pyridine		1.296	1.269	1.406	1.311	1.396	1.398	1.429	1.358	4.69
4)		n-Nitrosodimet...		0.444	0.436	0.476	0.431	0.461	0.466	0.461	0.454	3.66
5)	S	2-Fluorophenol		1.158	1.194	1.307	1.211	1.291	1.307	1.303	1.253	5.06
6)		Aniline		1.508	1.531	1.656	1.484	1.548	1.512	1.447	1.527	4.31
7)	S	Phenol-d6		1.518	1.581	1.747	1.631	1.749	1.754	1.748	1.675	5.86
8)		2-Chlorophenol		1.257	1.310	1.413	1.306	1.391	1.400	1.397	1.353	4.52
9)		Benzaldehyde		0.971	0.949	0.930	0.780	0.751	0.702	0.577	0.809	18.20
10)	C	Phenol		1.579	1.632	1.754	1.628	1.744	1.752	1.751	1.691	4.46
11)		bis(2-Chloroet...		1.286	1.317	1.407	1.273	1.341	1.358	1.356	1.334	3.45
12)		1,3-Dichlorobe...		1.466	1.448	1.522	1.387	1.477	1.471	1.445	1.459	2.79
13)	C	1,4-Dichlorobe...		1.507	1.474	1.562	1.413	1.493	1.503	1.479	1.490	3.01
14)		1,2-Dichlorobe...		1.446	1.426	1.494	1.358	1.435	1.440	1.411	1.430	2.85
15)		Benzyl Alcohol		0.934	0.966	1.096	1.042	1.122	1.126	1.139	1.061	7.77
16)		2,2'-oxybis(1-...		1.374	1.367	1.434	1.293	1.365	1.362	1.336	1.361	3.11
17)		2-Methylphenol		0.932	0.997	1.120	1.038	1.116	1.113	1.109	1.061	6.96
18)		Hexachloroethane		0.533	0.512	0.547	0.508	0.533	0.538	0.529	0.529	2.67
19)	P	n-Nitroso-di-n...	0.869	0.910	0.956	1.048	0.962	1.026	1.007	0.997	0.972	6.18
20)		3+4-Methylphenols		1.265	1.360	1.530	1.433	1.547	1.530	1.534	1.457	7.50
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.483	0.490	0.531	0.496	0.508	0.519	0.512	0.506	3.37
23)	S	Nitrobenzene-d5		0.330	0.338	0.366	0.351	0.362	0.368	0.367	0.354	4.34
24)		Nitrobenzene		0.330	0.336	0.362	0.341	0.355	0.363	0.361	0.350	3.88
25)		Isophorone		0.532	0.562	0.631	0.602	0.635	0.642	0.649	0.608	7.33
26)	C	2-Nitrophenol		0.126	0.141	0.167	0.171	0.182	0.189	0.192	0.167	14.92
27)		2,4-Dimethylph...		0.186	0.198	0.220	0.215	0.223	0.229	0.232	0.215	7.94
28)		bis(2-Chloroet...		0.414	0.418	0.438	0.418	0.429	0.437	0.439	0.427	2.55
29)	C	2,4-Dichloroph...		0.237	0.263	0.298	0.296	0.306	0.314	0.319	0.291	10.21
30)		1,2,4-Trichlor...		0.310	0.312	0.329	0.312	0.322	0.331	0.331	0.321	2.94
31)		Naphthalene		1.041	1.037	1.099	1.029	1.069	1.078	1.069	1.060	2.38
32)		Benzoic acid			0.148	0.190	0.218	0.239	0.252		0.209	19.82
33)		4-Chloroaniline		0.344	0.356	0.397	0.377	0.394	0.389	0.398	0.379	5.63
34)	C	Hexachlorobuta...		0.177	0.178	0.187	0.180	0.187	0.192	0.191	0.185	3.36
35)		Caprolactam		0.072	0.079	0.097	0.097	0.107	0.104	0.111	0.095	15.56
36)	C	4-Chloro-3-met...		0.261	0.283	0.324	0.314	0.333	0.332	0.348	0.313	9.83
37)		2-Methylnaphth...		0.689	0.684	0.737	0.704	0.731	0.734	0.735	0.716	3.27
38)		1-Methylnaphth...		0.674	0.673	0.728	0.673	0.704	0.705	0.720	0.697	3.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.548	0.560	0.596	0.558	0.580	0.608	0.596	0.578	3.98
41)	P	Hexachlorocycl...	0.169	0.189	0.214	0.212	0.220	0.234	0.222	0.208	10.65
42)	S	2,4,6-Tribromo...	0.203	0.222	0.256	0.252	0.270	0.275	0.285	0.252	11.69
43)	C	2,4,6-Trichlor...	0.291	0.324	0.379	0.372	0.391	0.409	0.406	0.367	11.98
44)		2,4,5-Trichlor...	0.331	0.362	0.414	0.409	0.422	0.439	0.443	0.403	10.23
45)	S	2-Fluorobiphenyl	1.364	1.358	1.420	1.319	1.335	1.367	1.332	1.356	2.44
46)		1,1'-Biphenyl	1.467	1.475	1.566	1.462	1.493	1.536	1.521	1.503	2.60
47)		2-Chloronaphth...	1.108	1.100	1.180	1.095	1.115	1.164	1.152	1.130	3.01
48)		2-Nitroaniline	0.228	0.252	0.300	0.292	0.311	0.317	0.324	0.289	12.34
49)		Acenaphthylene	1.586	1.628	1.776	1.661	1.749	1.789	1.784	1.710	4.91
50)		Dimethylphthalate	1.351	1.349	1.459	1.358	1.417	1.424	1.439	1.399	3.27
51)		2,6-Dinitrotol...	0.248	0.266	0.303	0.294	0.312	0.316	0.322	0.294	9.40
52)	C	Acenaphthene	1.057	1.056	1.136	1.061	1.096	1.123	1.121	1.093	3.18
53)		3-Nitroaniline	0.253	0.276	0.328	0.322	0.344	0.343	0.359	0.318	12.24
54)	P	2,4-Dinitrophenol		0.108	0.146	0.160	0.179	0.186		0.156	19.97
55)		Dibenzofuran	1.759	1.751	1.835	1.711	1.768	1.799	1.769	1.770	2.18
56)	P	4-Nitrophenol	0.187	0.218	0.271	0.277	0.299	0.296	0.312	0.266	17.41
57)		2,4-Dinitrotol...	0.295	0.334	0.400	0.394	0.423	0.431	0.446	0.389	14.19
58)		Fluorene	1.309	1.343	1.442	1.345	1.407	1.407	1.402	1.379	3.43
59)		2,3,4,6-Tetrac...	0.316	0.323	0.365	0.356	0.371	0.376	0.386	0.356	7.54
60)		Diethylphthalate	1.297	1.336	1.437	1.358	1.422	1.435	1.469	1.394	4.53
61)		4-Chlorophenyl...	0.658	0.660	0.696	0.658	0.685	0.689	0.690	0.676	2.53
62)		4-Nitroaniline	0.246	0.292	0.348	0.343	0.362	0.365	0.379	0.334	14.22
63)		Azobenzene	1.215	1.251	1.369	1.291	1.341	1.363	1.365	1.314	4.73
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.111	0.120	0.127	0.132	0.137	0.119	15.85
66)	c	n-Nitrosodiphe...	0.564	0.583	0.629	0.600	0.617	0.632	0.626	0.607	4.27
67)		4-Bromophenyl-...	0.206	0.207	0.222	0.217	0.224	0.229	0.231	0.220	4.60
68)		Hexachlorobenzene	0.248	0.249	0.263	0.254	0.263	0.270	0.272	0.260	3.76
69)		Atrazine	0.165	0.171	0.157	0.135	0.105			0.147	18.49
70)	C	Pentachlorophenol	0.121	0.140	0.166	0.177	0.184	0.190	0.197	0.168	16.61
71)		Phenanthrene	1.068	1.059	1.126	1.083	1.100	1.111	1.102	1.093	2.19
72)		Anthracene	0.993	1.012	1.101	1.063	1.092	1.090	1.098	1.064	4.16
73)		Carbazole	0.920	0.975	1.060	1.041	1.060	1.061	1.066	1.026	5.50
74)		Di-n-butylphth...	1.026	1.121	1.247	1.260	1.272	1.297	1.304	1.218	8.57
75)	C	Fluoranthene	1.173	1.220	1.287	1.264	1.305	1.298	1.312	1.265	4.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.222	0.199	0.178	0.258	0.173	0.278	0.222	0.219	17.88
78)		Pyrene	1.177	1.190	1.299	1.204	1.266	1.293	1.274	1.243	4.12
79)	S	Terphenyl-d14	0.967	0.973	1.033	0.948	0.966	0.971	0.924	0.969	3.45
80)		Butylbenzylpht...	0.399	0.441	0.513	0.524	0.554	0.581	0.576	0.513	13.49
81)		Benzo(a)anthra...	1.194	1.194	1.291	1.208	1.261	1.285	1.271	1.243	3.47
82)		3,3'-Dichlorob...	0.340	0.369	0.429	0.428	0.434	0.467	0.450	0.417	10.94
83)		Chrysene	1.185	1.159	1.224	1.158	1.212	1.220	1.209	1.195	2.36
84)		Bis(2-ethylhex...	0.613	0.678	0.784	0.792	0.819	0.878	0.851	0.774	12.30
85)	c	Di-n-octyl pht...	0.922	1.033	1.224	1.272	1.357	1.435	1.433	1.240	15.95

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.274	1.289	1.421	1.366	1.442	1.479	1.499	1.396	6.38
88)		Benzo(b)fluora...	1.103	1.116	1.258	1.190	1.244	1.266	1.264	1.206	5.85
89)		Benzo(k)fluora...	1.092	1.136	1.213	1.130	1.203	1.251	1.232	1.180	5.07
90)	C	Benzo(a)pyrene	0.953	0.959	1.065	1.029	1.094	1.119	1.122	1.049	6.77
91)		Dibenzo(a,h)an...	1.063	1.083	1.184	1.137	1.191	1.226	1.244	1.161	5.97
92)		Benzo(g,h,i)pe...	1.097	1.107	1.199	1.154	1.202	1.246	1.259	1.180	5.39

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024160.D
Acq On : 12 Mar 2025 16:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 13 04:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	323931	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1324397	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	805172	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1551813	20.000	ng	0.01
76) Chrysene-d12	21.669	240	1615554	20.000	ng	0.01
86) Perylene-d12	25.074	264	1740877	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...	8.569	70	35203	2.454	ng	98

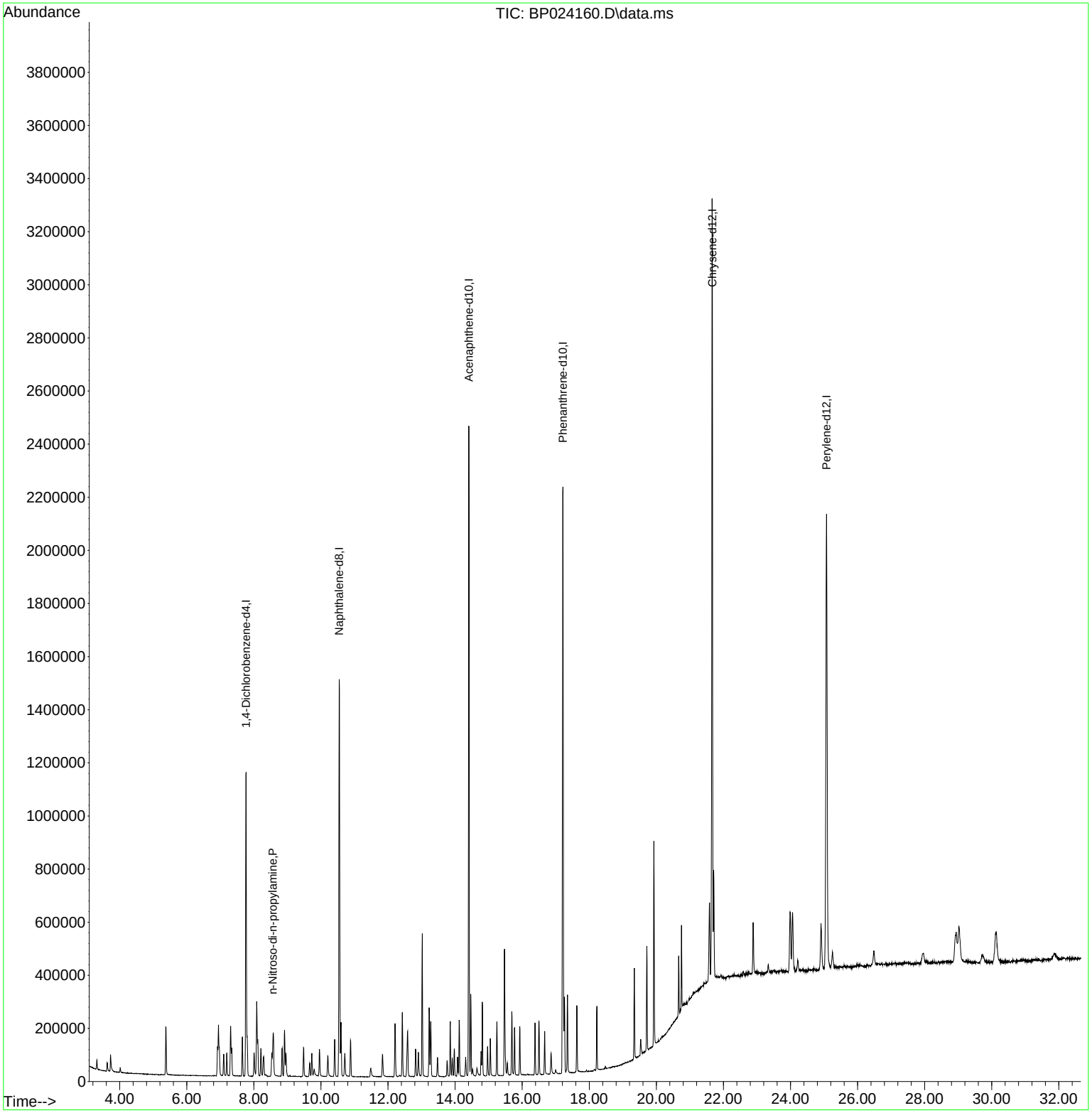
(#) = qualifier out of range (m) = manual integration (+) = signals summed

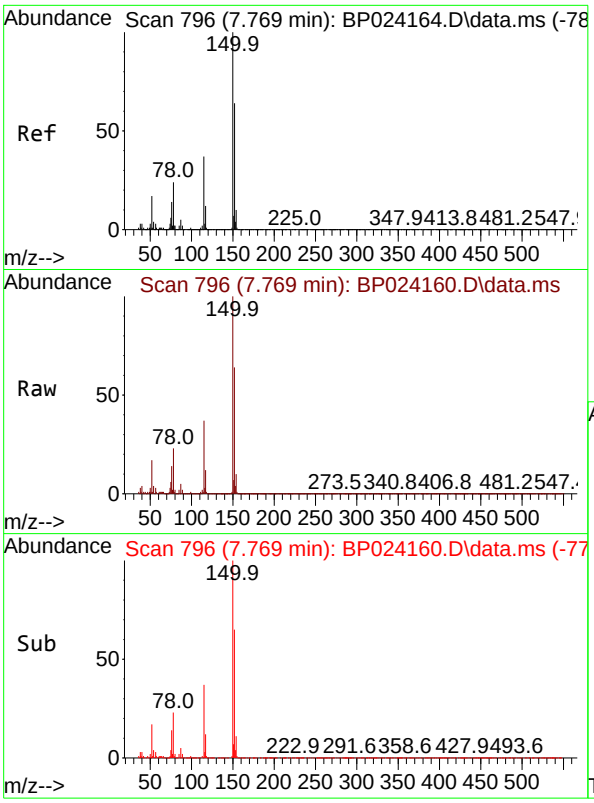
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024160.D
Acq On : 12 Mar 2025 16:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 13 04:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



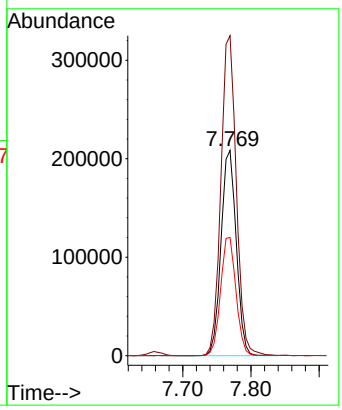


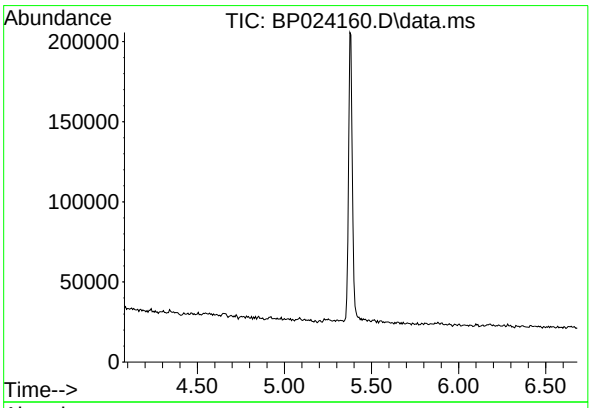
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 323931

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.5	188.3
115	57.6	46.3	69.5



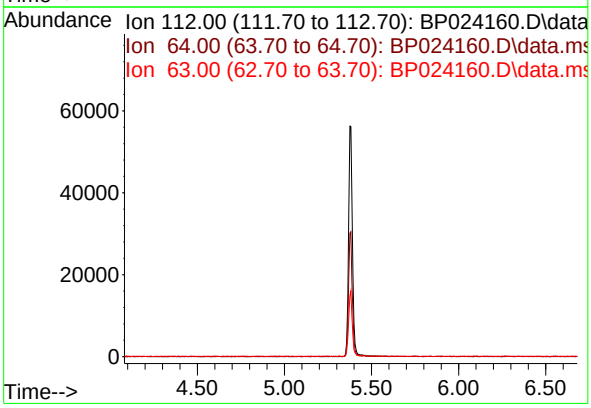


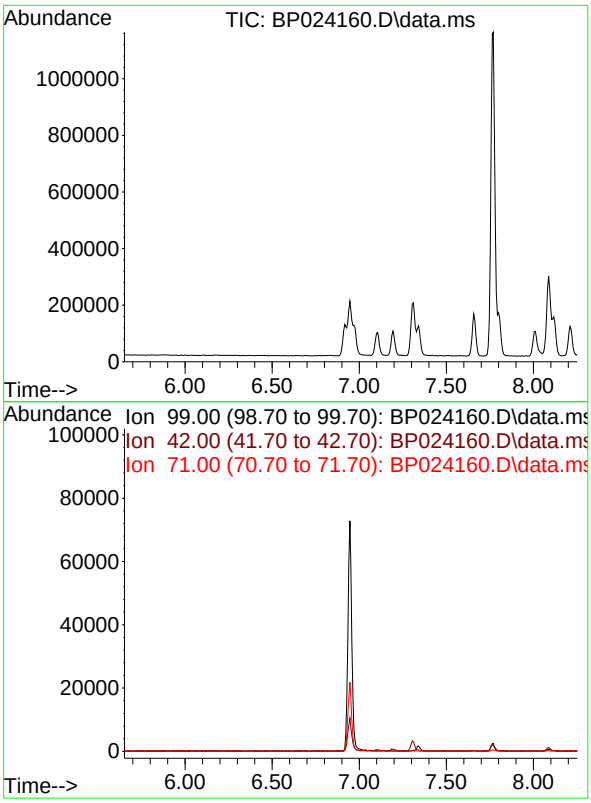
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.38 min

Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	51.6
63	25.8





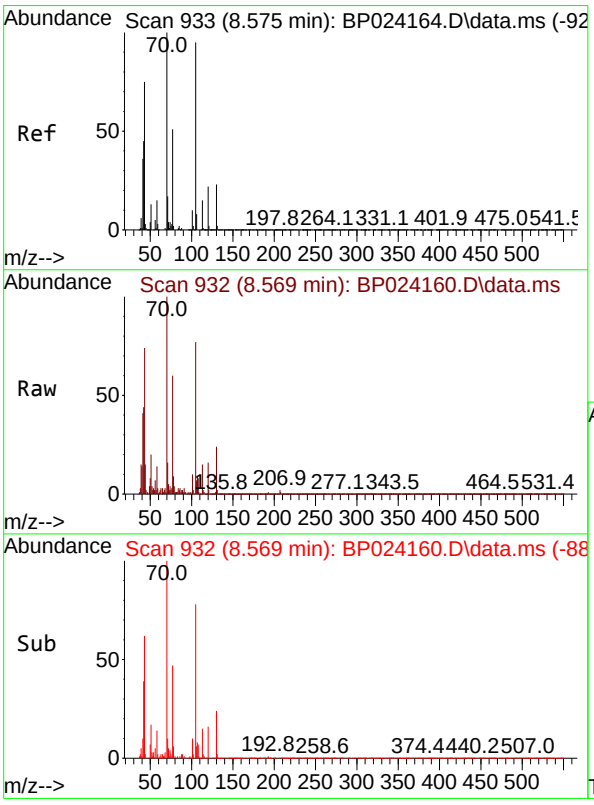
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

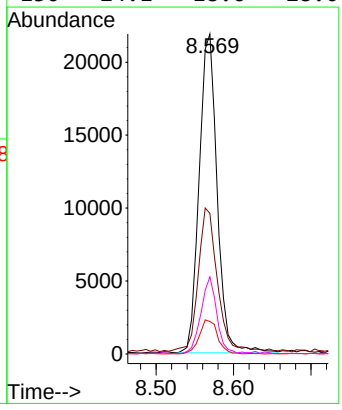
Sig	Exp Ratio
99	100
42	13.3
71	29.1

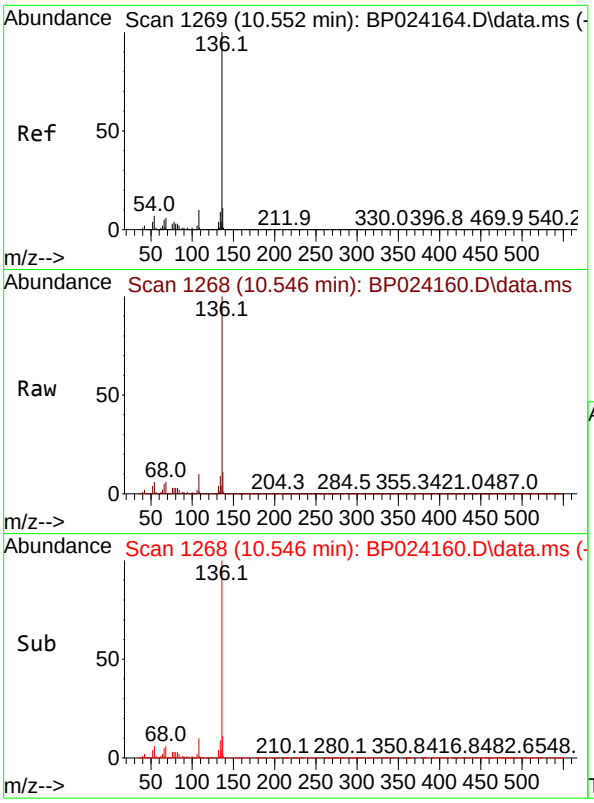


#19
n-Nitroso-di-n-propylamine
Concen: 2.454 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion: 70 Resp: 35203

Ion	Ratio	Lower	Upper
70	100		
42	43.9	36.0	54.0
101	10.2	8.3	12.5
130	24.1	18.6	28.0



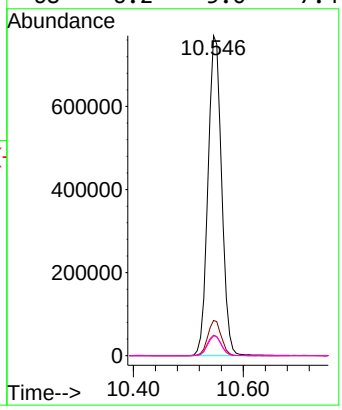


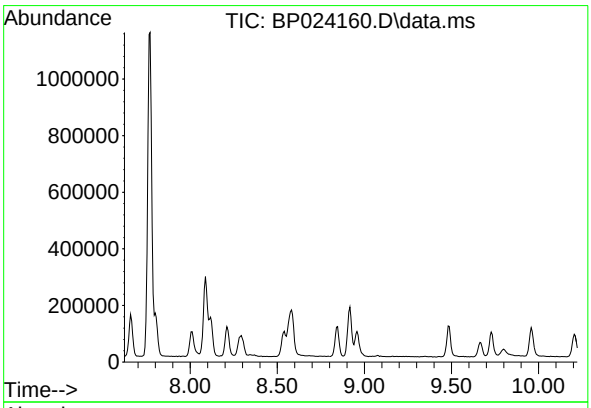
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1324397

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.4	5.3	7.9
68	6.2	5.0	7.4



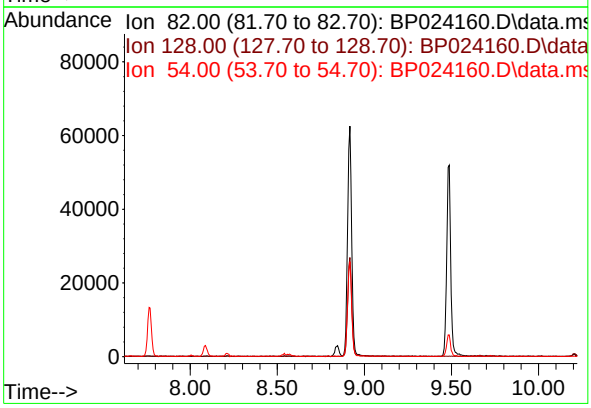


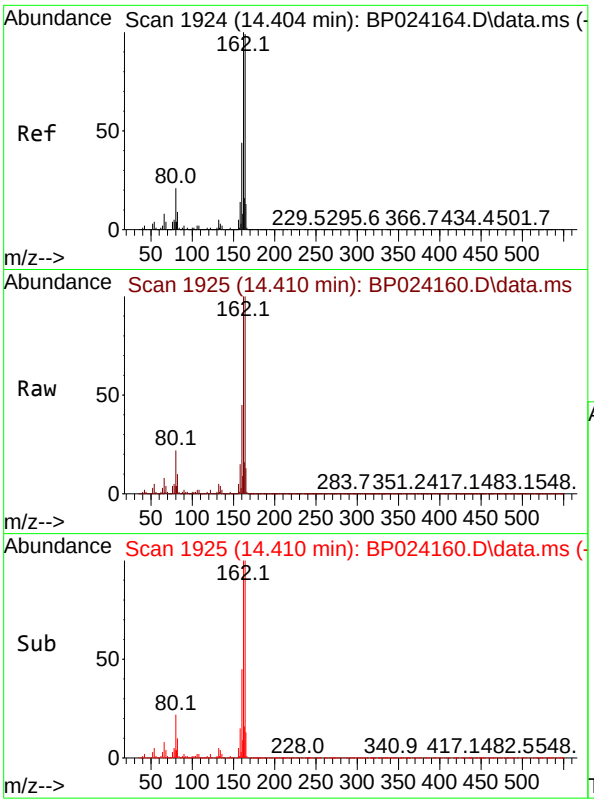
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.92 min

Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.7
54	40.6



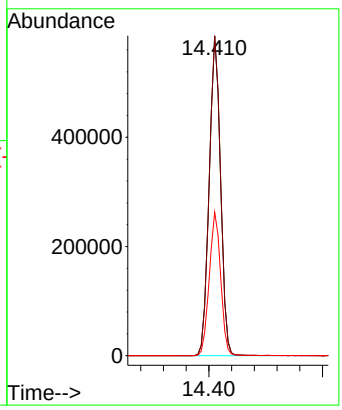


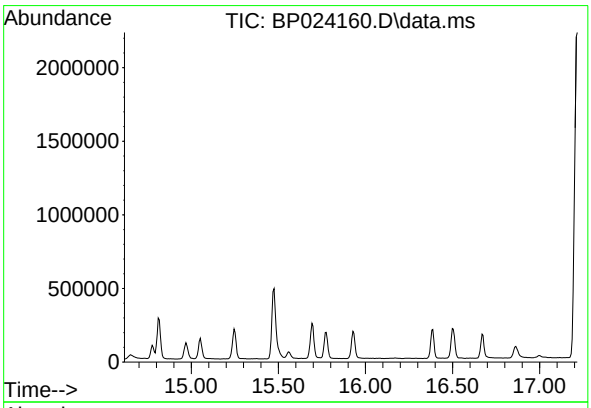
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 805172

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	44.9	35.4	53.2



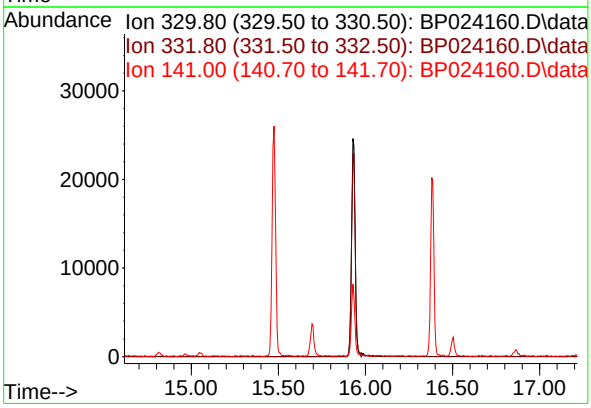


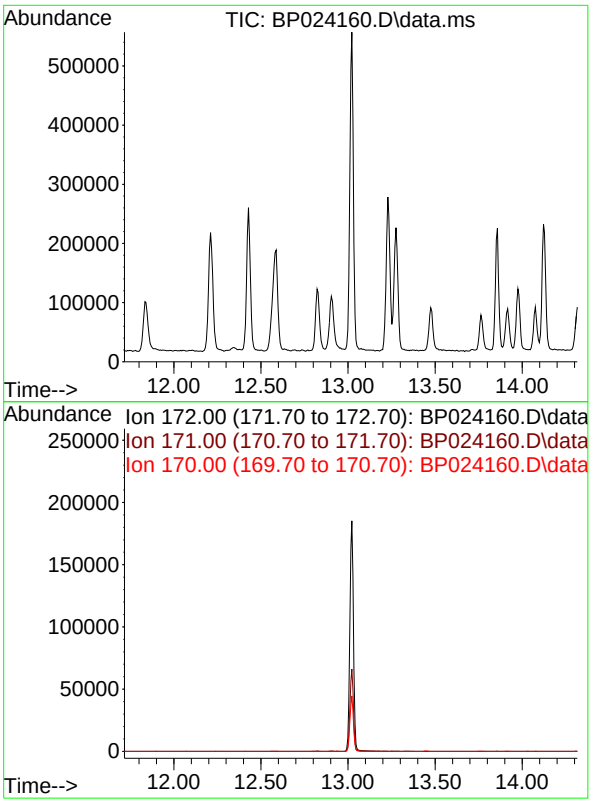
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.92 min

Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	31.3





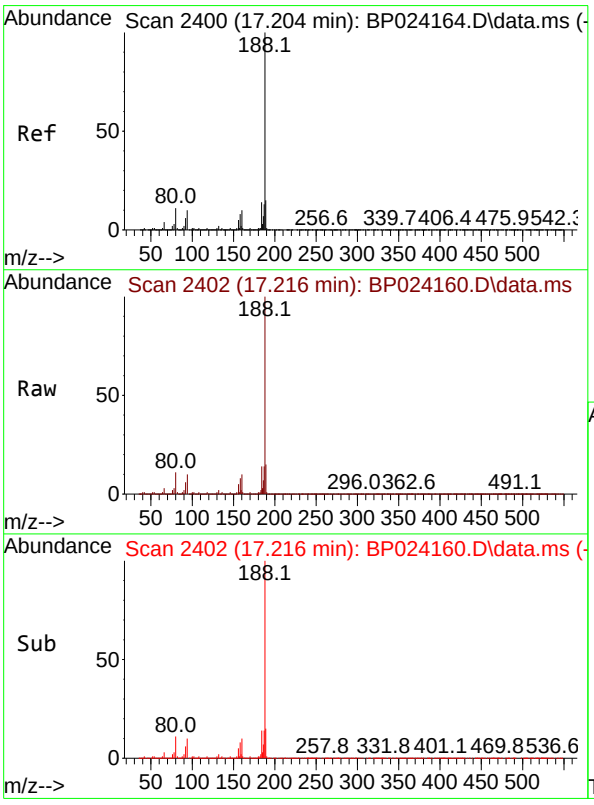
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

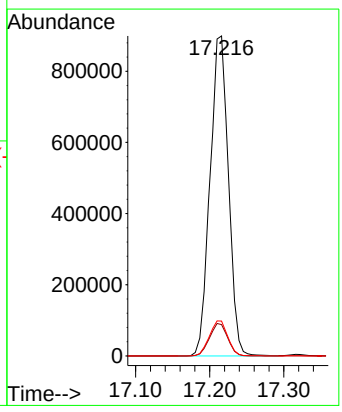
Sig	Exp Ratio
172	100
171	35.4
170	23.7

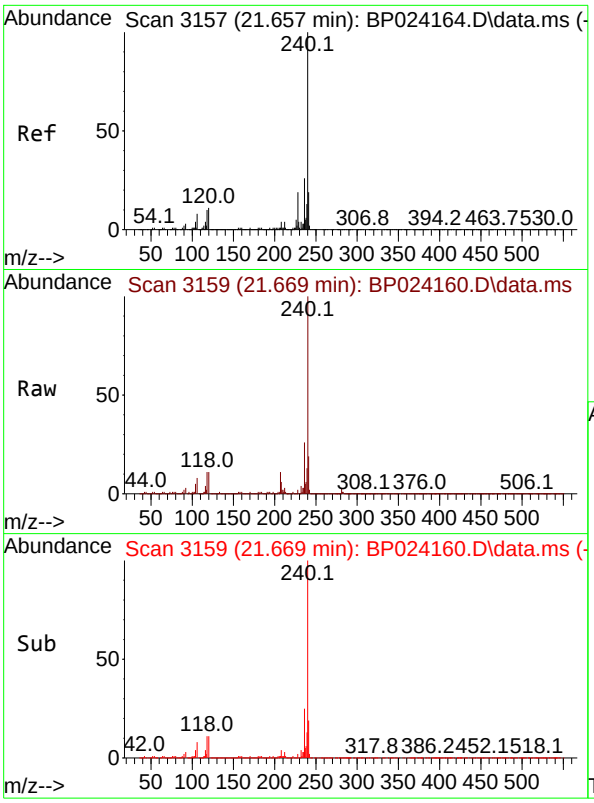


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.012 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion:188 Resp: 1551813

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.9	8.9	13.3



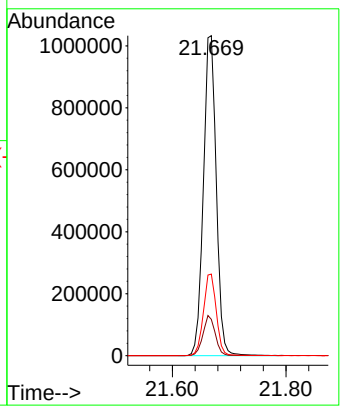


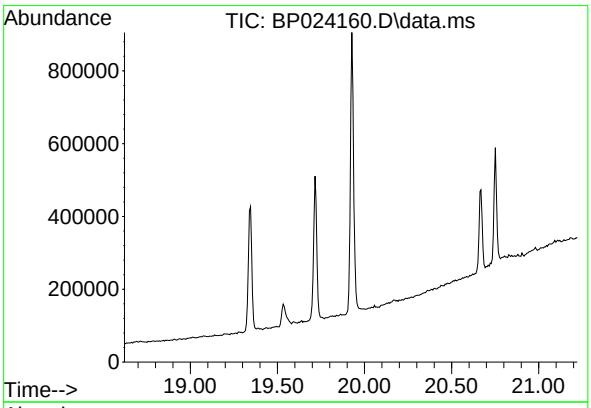
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1615554

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	25.5	20.4	30.6



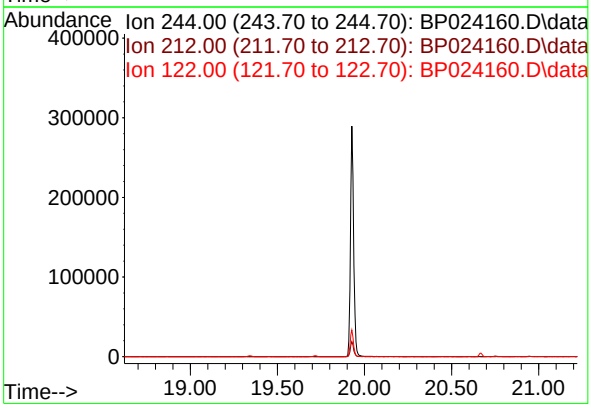


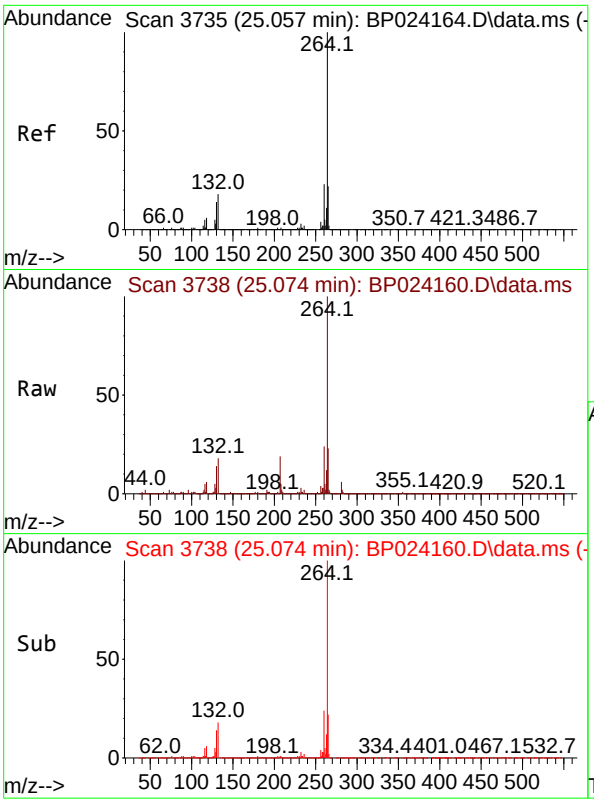
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.1
122	12.0



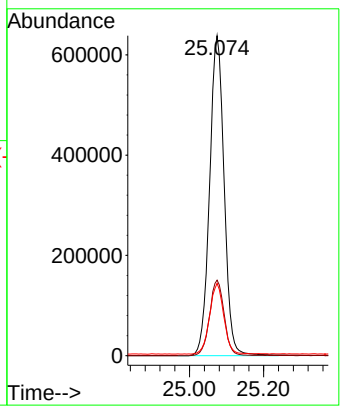


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.074 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1740877

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.6	17.7	26.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	318045	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1309940	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	799469	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1516956	20.000	ng		0.02
76) Chrysene-d12	21.669	240	1578855	20.000	ng		0.01
86) Perylene-d12	25.080	264	1694453	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	184089	9.032	ng		0.00
7) Phenol-d6	6.952	99	241350	9.213	ng		0.00
23) Nitrobenzene-d5	8.916	82	216074	9.202	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	81159	8.288	ng		0.02
45) 2-Fluorobiphenyl	13.016	172	545120	9.532	ng		0.00
79) Terphenyl-d14	19.951	244	763023	9.563	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	40006	5.003	ng		97
3) Pyridine	3.723	79	103023	4.956	ng		97
4) n-Nitrosodimethylamine	3.628	42	35306	4.788	ng	#	92
6) Aniline	7.105	93	119908	4.998	ng		100
8) 2-Chlorophenol	7.340	128	99927	4.632	ng		98
9) Benzaldehyde	6.922	77	77223m	6.456	ng		
10) Phenol	6.975	94	125574	4.767	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	102214	4.926	ng		98
12) 1,3-Dichlorobenzene	7.664	146	116531	4.917	ng		100
13) 1,4-Dichlorobenzene	7.805	146	119798	4.998	ng		99
14) 1,2-Dichlorobenzene	8.122	146	114960	4.998	ng		99
15) Benzyl Alcohol	8.011	79	74252	4.630	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	109209	5.422	ng		98
17) 2-Methylphenol	8.216	107	74107	4.616	ng		96
18) Hexachloroethane	8.846	117	42376	4.909	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	72383	5.139	ng		98
20) 3+4-Methylphenols	8.540	107	100588	4.606	ng		98
22) Acetophenone	8.587	105	158185	4.699	ng	#	99
24) Nitrobenzene	8.958	77	108086	4.677	ng		96
25) Isophorone	9.487	82	174338	4.540	ng		100
26) 2-Nitrophenol	9.669	139	41305	3.880	ng		98
27) 2,4-Dimethylphenol	9.734	122	60843	4.354	ng		96
28) bis(2-Chloroethoxy)met...	9.957	93	135529	4.872	ng		99
29) 2,4-Dichlorophenol	10.205	162	77653	4.072	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	101518	4.646	ng		99
31) Naphthalene	10.599	128	340918	4.840	ng		99
33) 4-Chloroaniline	10.710	127	112776	4.545	ng		98
34) Hexachlorobutadiene	10.887	225	58080	4.589	ng		97
35) Caprolactam	11.475	113	23432	4.057	ng		95
36) 4-Chloro-3-methylphenol	11.840	107	85333	4.352	ng		99
37) 2-Methylnaphthalene	12.216	142	225485	4.817	ng		100
38) 1-Methylnaphthalene	12.434	142	220784	4.848	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	109528	4.459	ng		99
41) Hexachlorocyclopentadiene	12.569	237	33755	3.693	ng		100
43) 2,4,6-Trichlorophenol	12.822	196	58172	3.883	ng		98
44) 2,4,5-Trichlorophenol	12.904	196	66250	4.044	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	13.234	154	293289	4.721	ng	98
47)	2-Chloronaphthalene	13.275	162	221413	4.715	ng	98
48)	2-Nitroaniline	13.475	65	45667	4.117	ng	88
49)	Acenaphthylene	14.128	152	316902	4.580	ng	99
50)	Dimethylphthalate	13.857	163	270053	4.789	ng	100
51)	2,6-Dinitrotoluene	13.975	165	49593	4.317	ng	97
52)	Acenaphthene	14.475	154	211290	4.742	ng	99
53)	3-Nitroaniline	14.310	138	50611	4.129	ng	99
55)	Dibenzofuran	14.822	168	351651	4.858	ng	100
56)	4-Nitrophenol	14.645	139	37281	3.521	ng	93
57)	2,4-Dinitrotoluene	14.775	165	58882	3.946	ng	90
58)	Fluorene	15.481	166	261676	4.629	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.045	232	63120	4.441	ng	98
60)	Diethylphthalate	15.251	149	259242	4.631	ng	98
61)	4-Chlorophenyl-phenyle...	15.481	204	131441	4.724	ng	99
62)	4-Nitroaniline	15.498	138	49239	3.871	ng	95
63)	Azobenzene	15.775	77	242768	4.628	ng	97
66)	n-Nitrosodiphenylamine	15.692	169	213927	4.522	ng	99
67)	4-Bromophenyl-phenylether	16.392	248	78309	4.597	ng	93
68)	Hexachlorobenzene	16.510	284	94130	4.696	ng	98
69)	Atrazine	16.669	200	62551	5.152	ng	98
70)	Pentachlorophenol	16.869	266	45885	3.525	ng	99
71)	Phenanthrene	17.263	178	404881	4.734	ng	99
72)	Anthracene	17.357	178	376601	4.595	ng	99
73)	Carbazole	17.634	167	349000	4.469	ng	99
74)	Di-n-butylphthalate	18.234	149	389057	4.270	ng	99
75)	Fluoranthene	19.351	202	444670	4.597	ng	97
77)	Benzidine	19.545	184	87777	4.562	ng	98
78)	Pyrene	19.722	202	464704	4.634	ng	99
80)	Butylbenzylphthalate	20.675	149	157601	4.101	ng	99
81)	Benzo(a)anthracene	21.651	228	471347	4.761	ng	99
82)	3,3'-Dichlorobenzidine	21.580	252	134146	4.336	ng	99
83)	Chrysene	21.722	228	467600	4.898	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.598	149	242048	4.153	ng	99
85)	Di-n-octyl phthalate	22.898	149	363786	3.905	ng	98
87)	Indeno(1,2,3-cd)pyrene	28.945	276	539523	4.476	ng	97
88)	Benzo(b)fluoranthene	24.004	252	467406	4.344	ng	99
89)	Benzo(k)fluoranthene	24.069	252	462653	4.417	ng	99
90)	Benzo(a)pyrene	24.910	252	403692	4.421	ng	99
91)	Dibenzo(a,h)anthracene	29.015	278	450461	4.444	ng	98
92)	Benzo(g,h,i)perylene	30.133	276	464721	4.518	ng	99

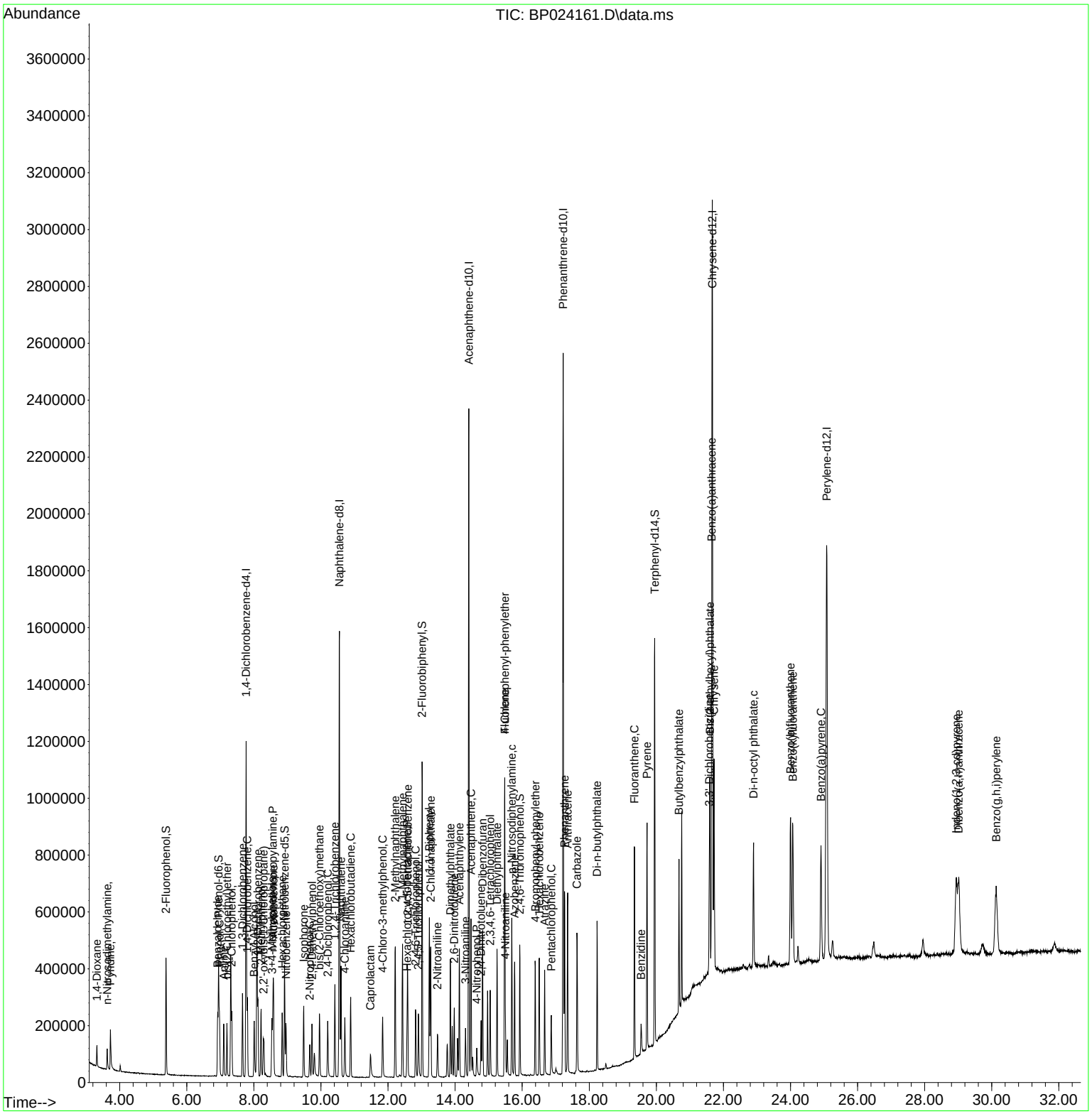
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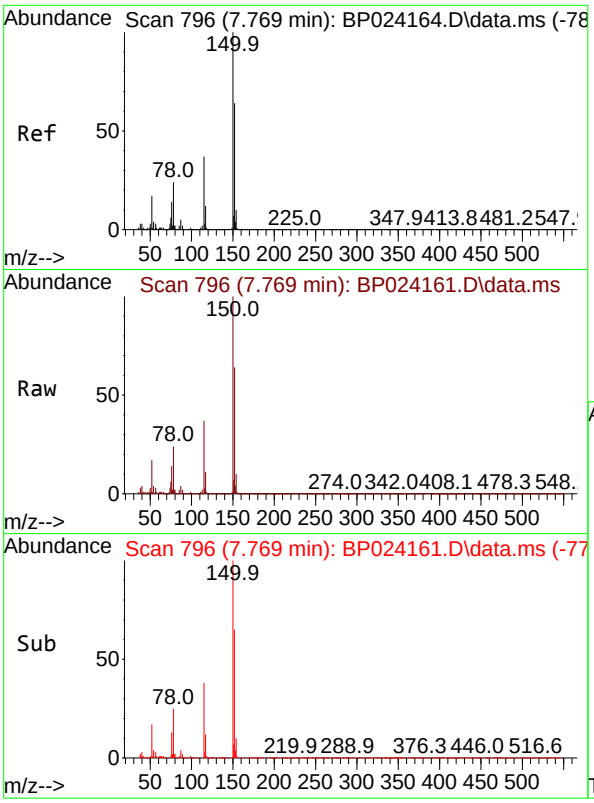
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



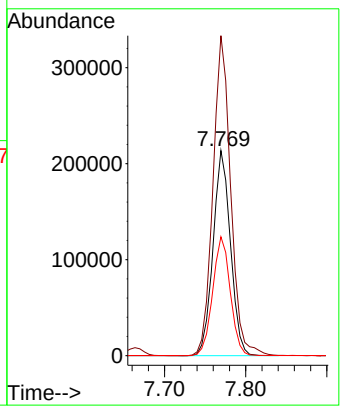


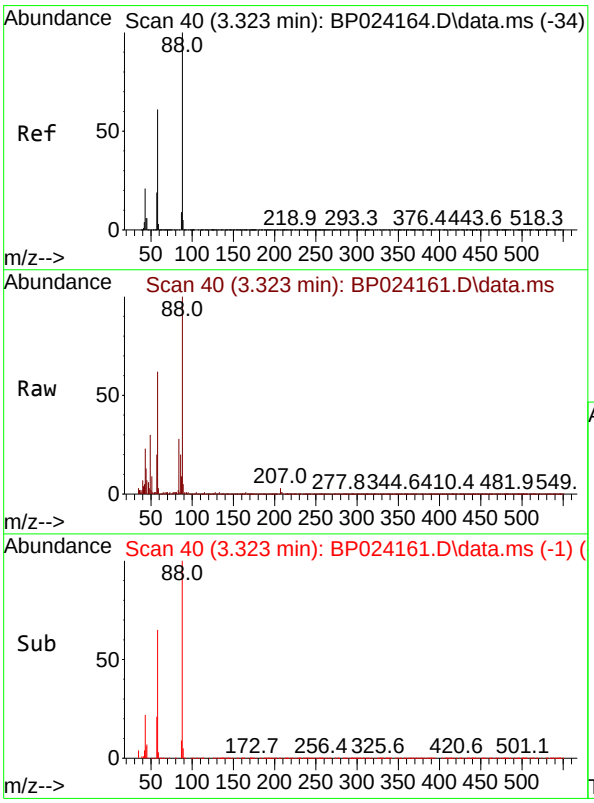
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 318045

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.5	188.3
115	57.9	46.3	69.5

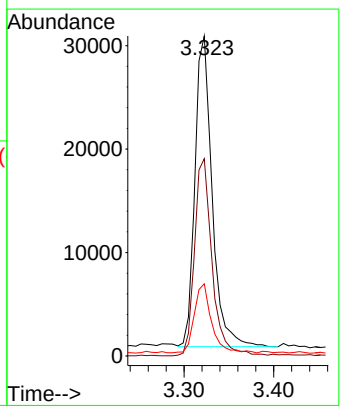


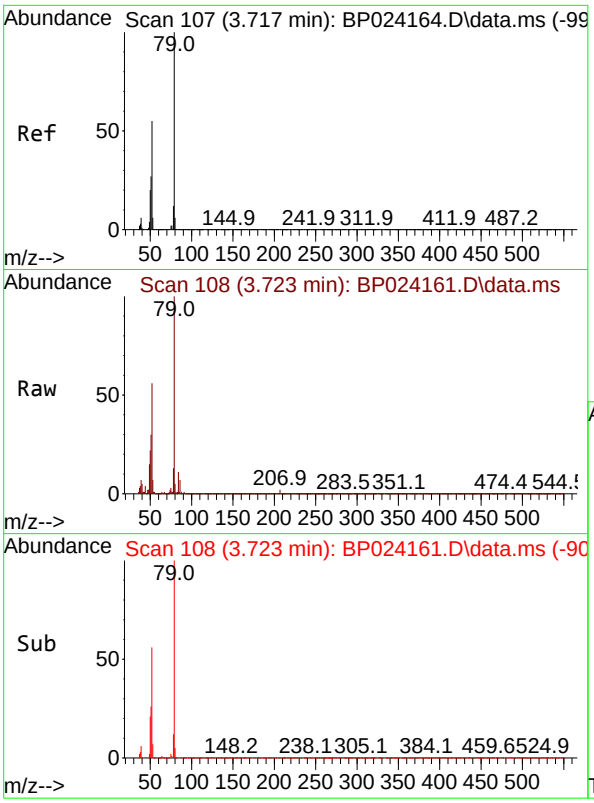


#2
1,4-Dioxane
Concen: 5.003 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 88 Resp: 40006

Ion	Ratio	Lower	Upper
88	100		
58	64.7	49.8	74.6
43	22.3	17.3	25.9



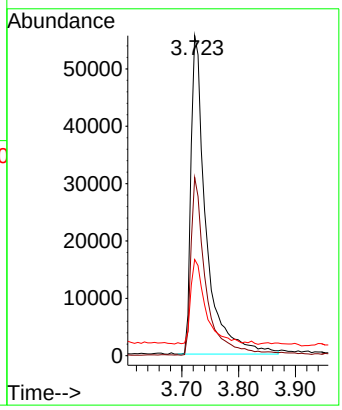


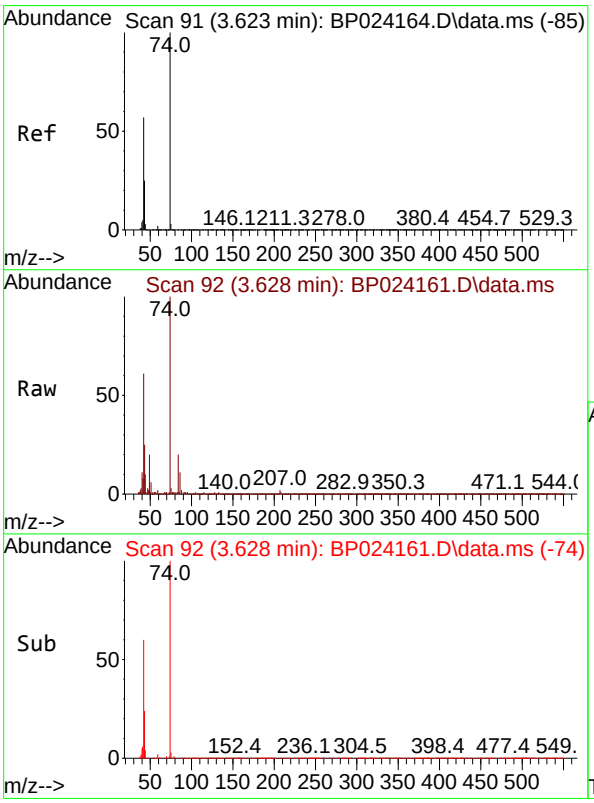
#3
Pyridine
Concen: 4.956 ng
RT: 3.723 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 103023

Ion	Ratio	Lower	Upper
79	100		
52	55.7	43.8	65.8
51	30.1	21.6	32.4

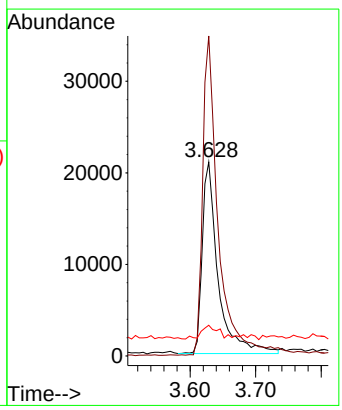


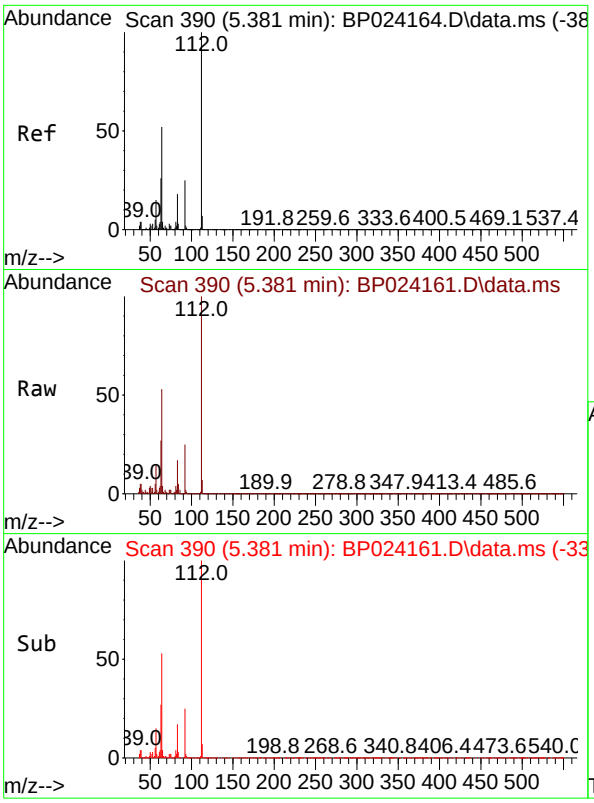


#4
n-Nitrosodimethylamine
Concen: 4.788 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 42 Resp: 35306

Ion	Ratio	Lower	Upper
42	100		
74	165.1	139.8	209.6
44	15.9	5.3	7.9#



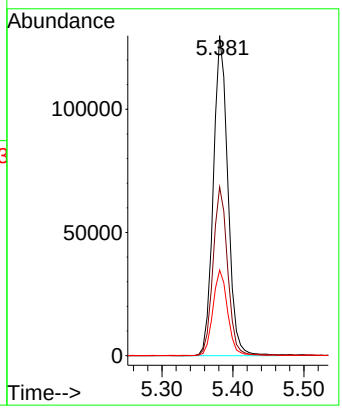


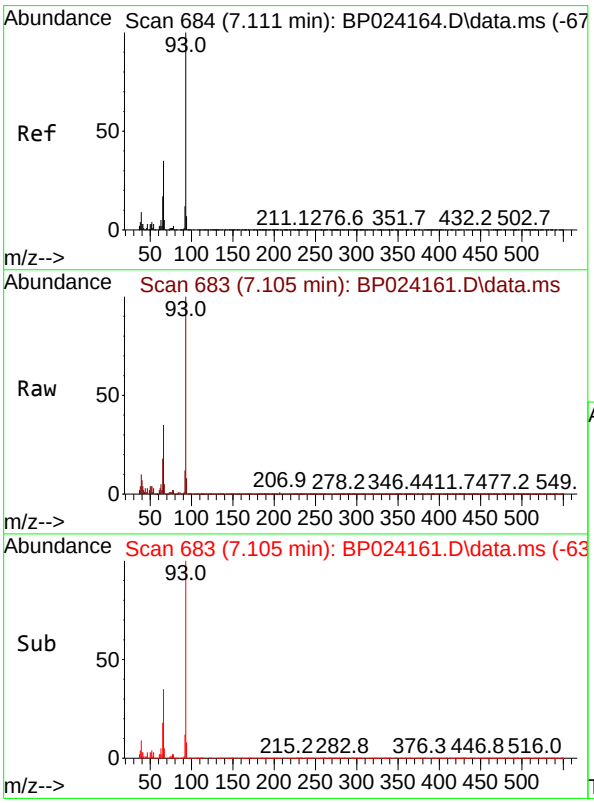
#5
2-Fluorophenol
Concen: 9.032 ng
RT: 5.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 184089

Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.3	61.9
63	26.7	20.6	31.0

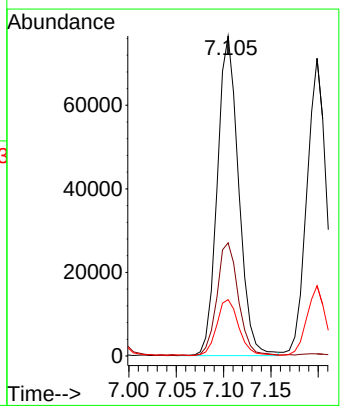


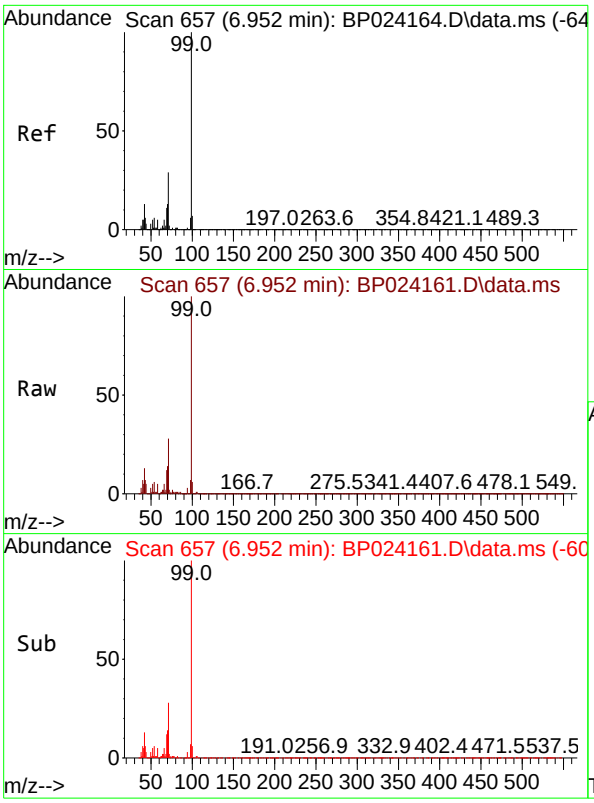


#6
Aniline
Concen: 4.998 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 93 Resp: 119908

Ion	Ratio	Lower	Upper
93	100		
66	35.3	28.2	42.2
65	17.6	14.0	21.0



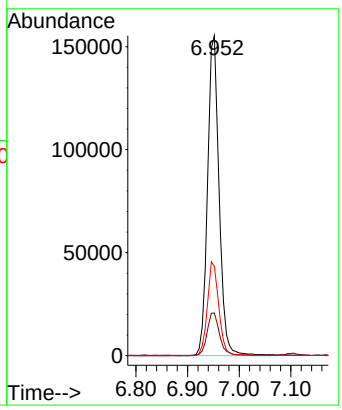


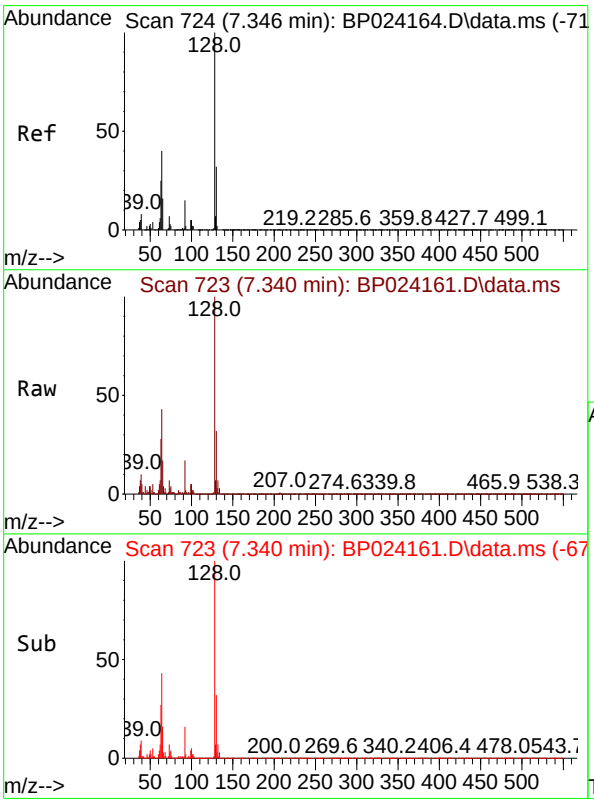
#7
Phenol-d6
Concen: 9.213 ng
RT: 6.952 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 241350

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	27.9	23.3	34.9

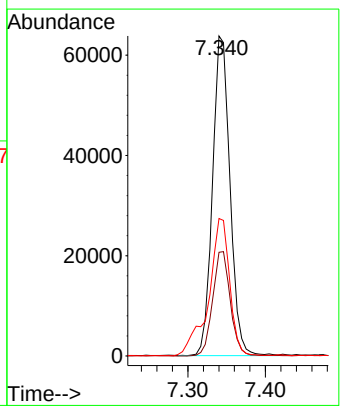


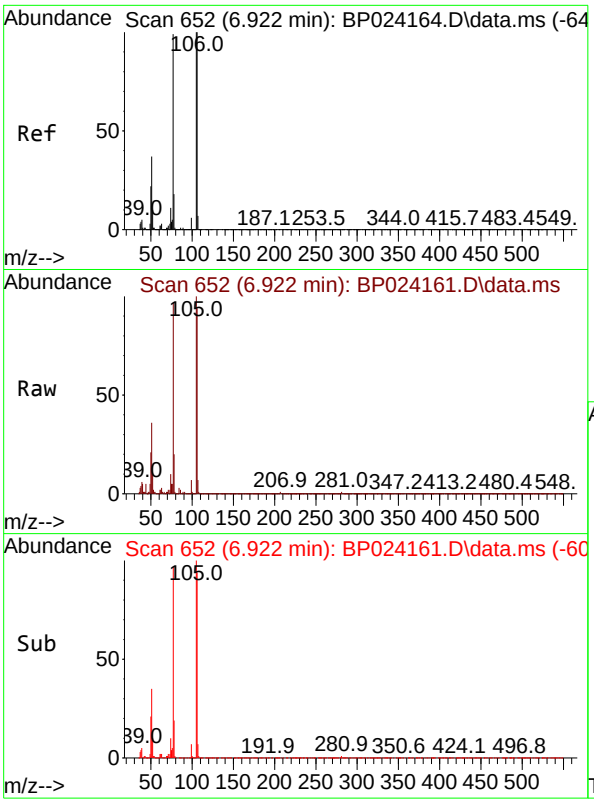


#8
2-Chlorophenol
Concen: 4.632 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:128 Resp: 99927

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	43.0	21.6	61.6



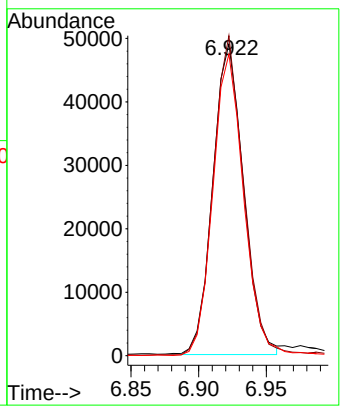


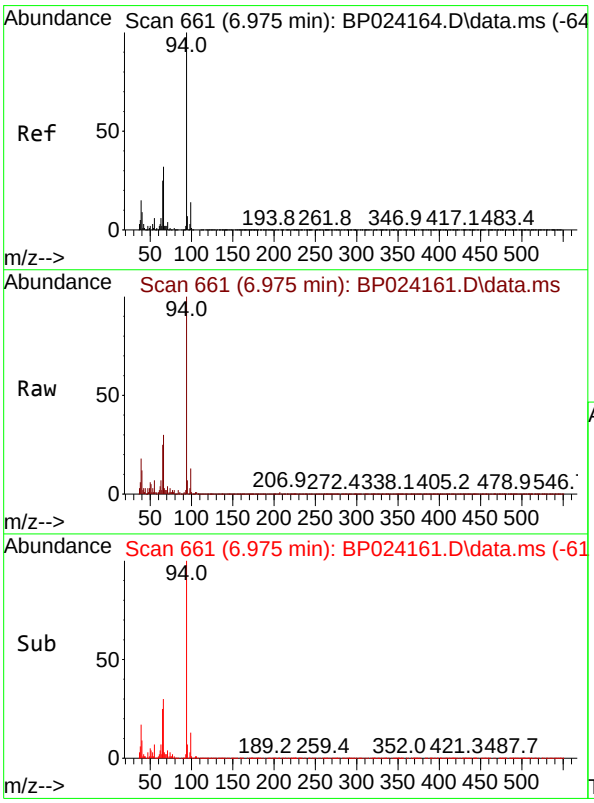
#9
Benzaldehyde
Concen: 6.456 ng m
RT: 6.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 77223

Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.4	121.4
106	96.7	81.1	121.1

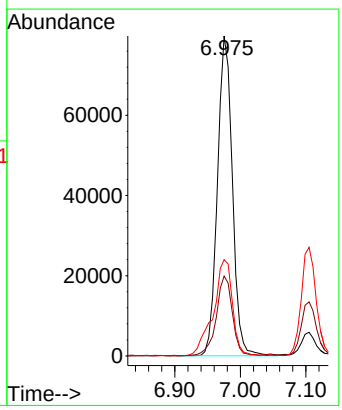


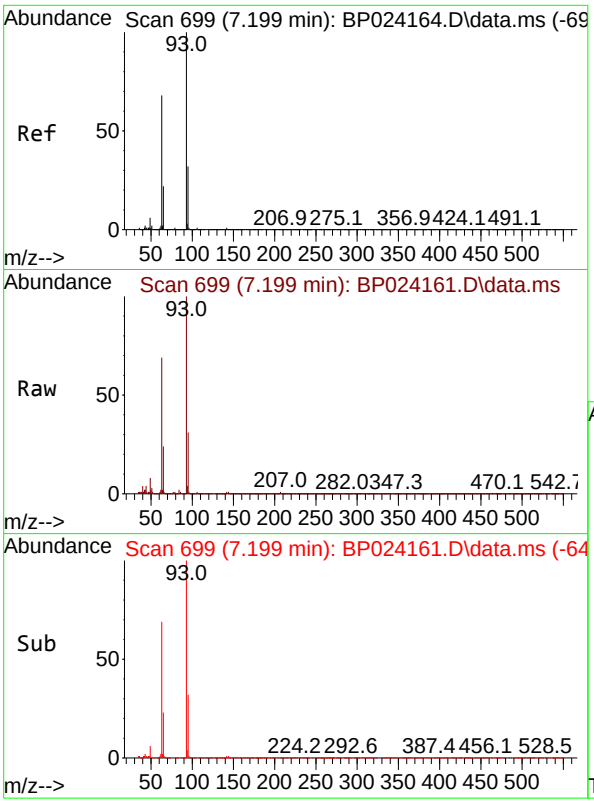


#10
Phenol
Concen: 4.767 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 94 Resp: 125574

Ion	Ratio	Lower	Upper
94	100		
65	24.9	4.9	44.9
66	30.1	11.9	51.9



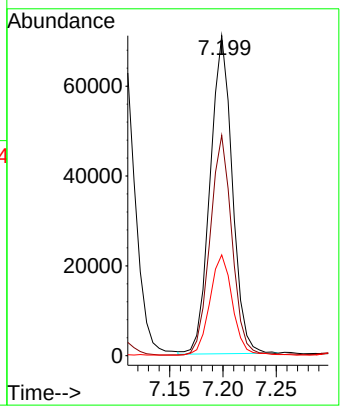


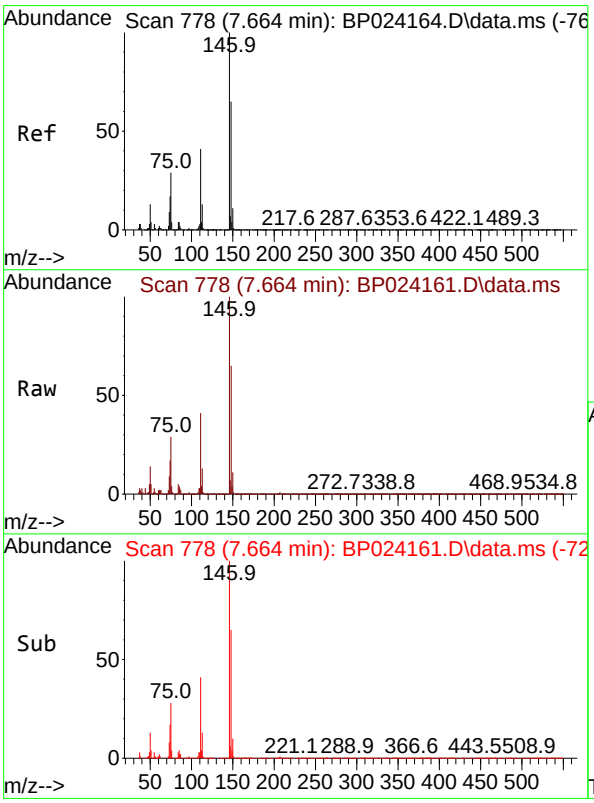
#11
bis(2-Chloroethyl)ether
Concen: 4.926 ng
RT: 7.199 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 102214

Ion	Ratio	Lower	Upper
93	100		
63	68.8	47.4	87.4
95	31.5	12.1	52.1

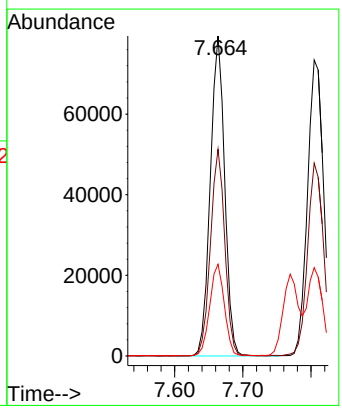


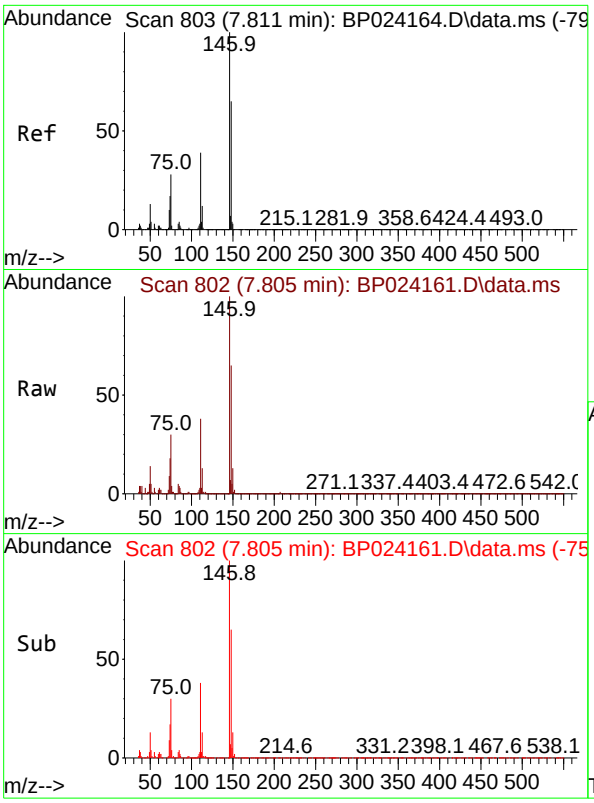


#12
1,3-Dichlorobenzene
Concen: 4.917 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:146 Resp: 116531

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.6	22.8	34.2



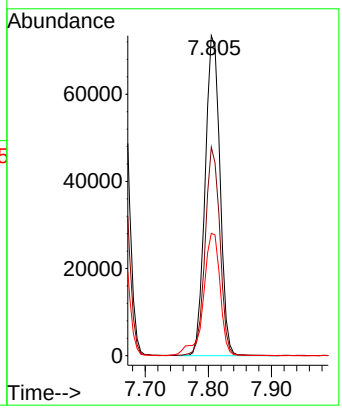


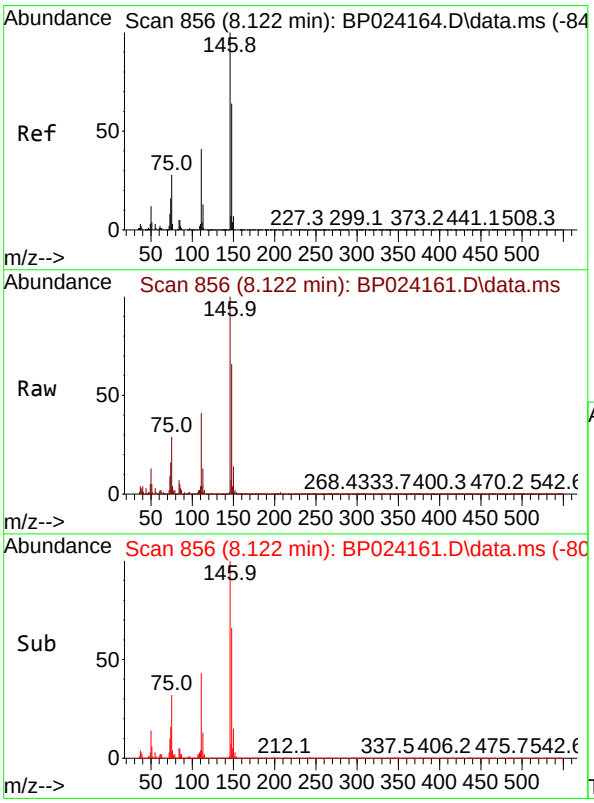
#13
1,4-Dichlorobenzene
Concen: 4.998 ng
RT: 7.805 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 119798

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	38.3	31.4	47.2

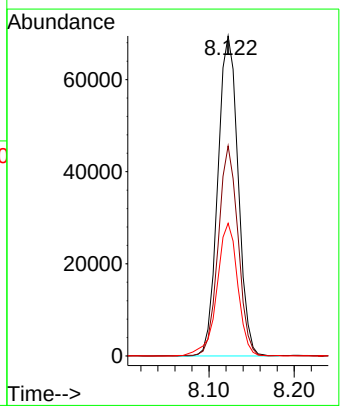


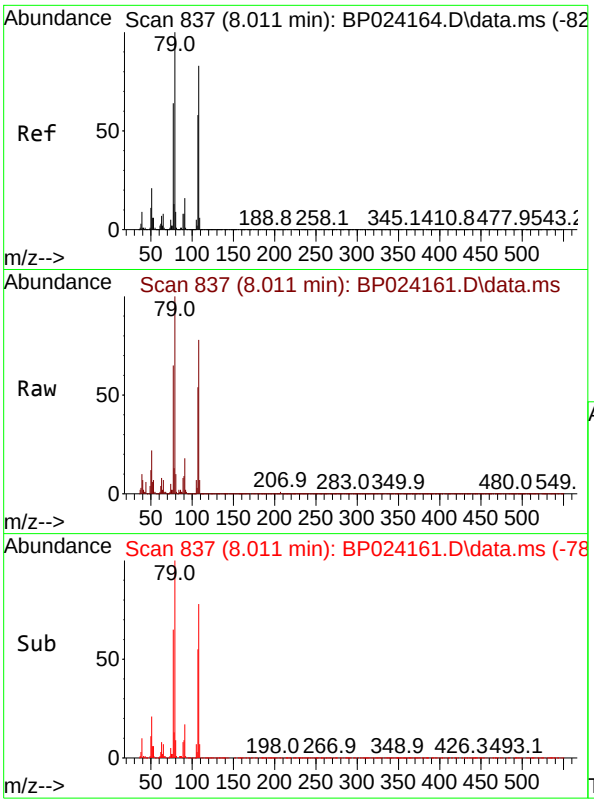


#14
1,2-Dichlorobenzene
Concen: 4.998 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:146 Resp: 114960

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	41.4	33.2	49.8



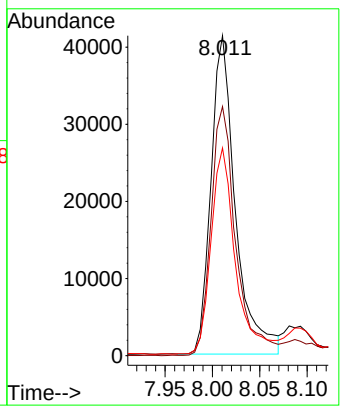


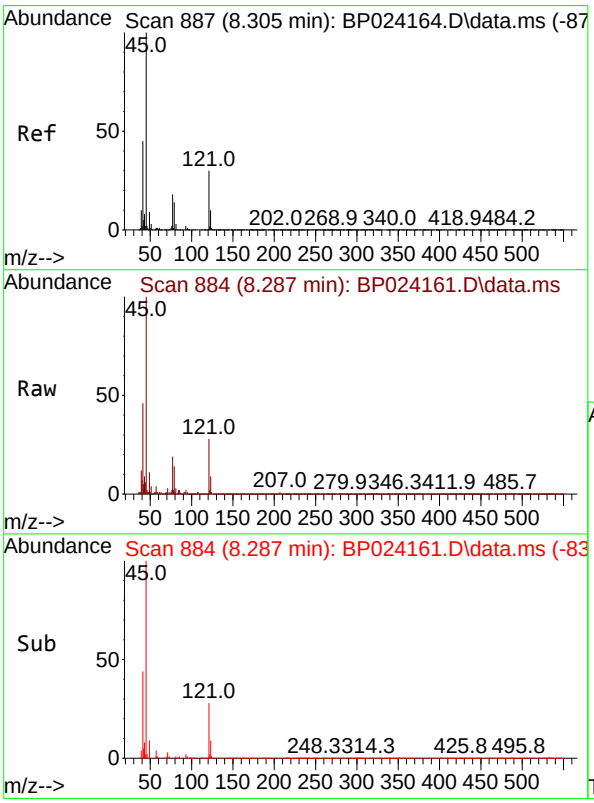
#15
Benzyl Alcohol
Concen: 4.630 ng
RT: 8.011 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 74252

Ion	Ratio	Lower	Upper
79	100		
108	77.9	66.5	99.7
77	64.9	50.9	76.3

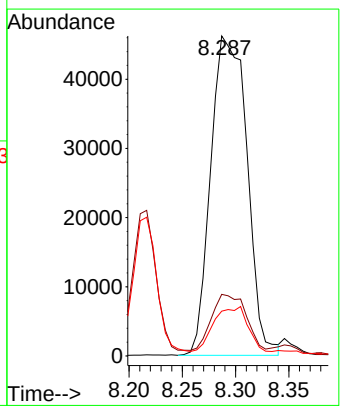


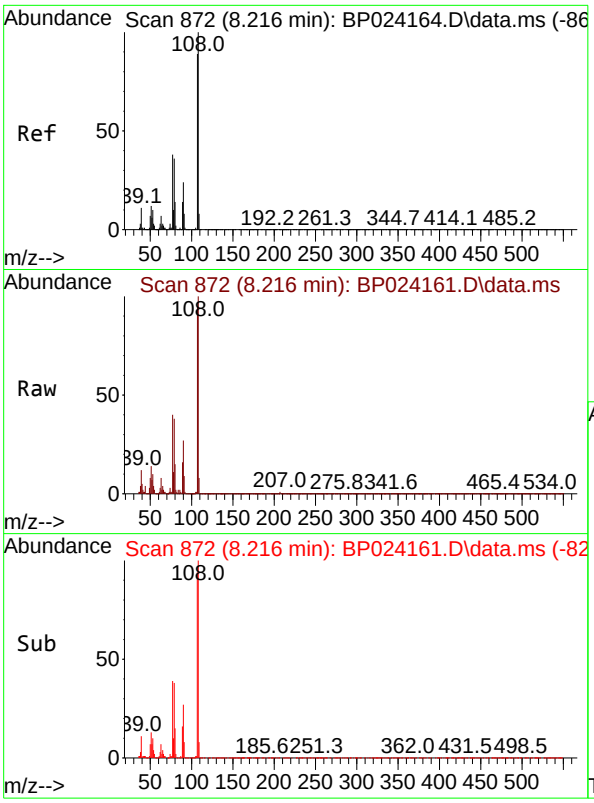


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.422 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 45 Resp: 109209

Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	39.0
79	14.0	0.0	35.6



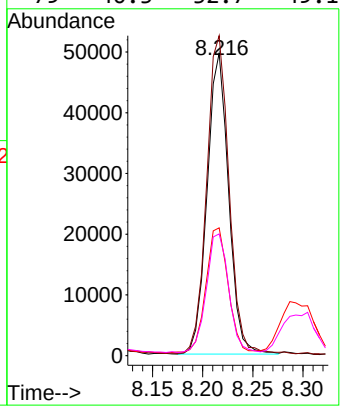


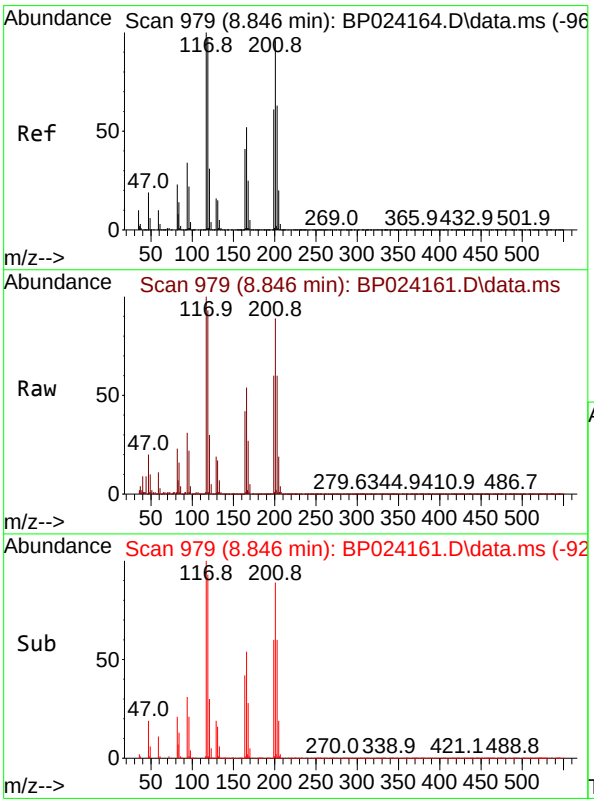
#17
2-Methylphenol
Concen: 4.616 ng
RT: 8.216 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 74107

Ion	Ratio	Lower	Upper
107	100		
108	105.7	90.0	135.0
77	42.2	34.0	51.0
79	40.3	32.7	49.1

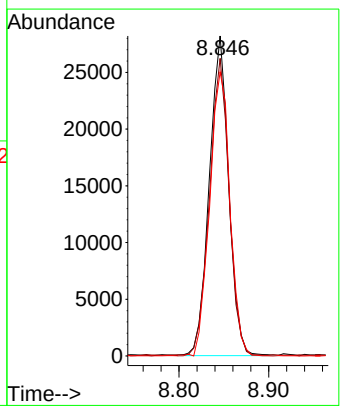


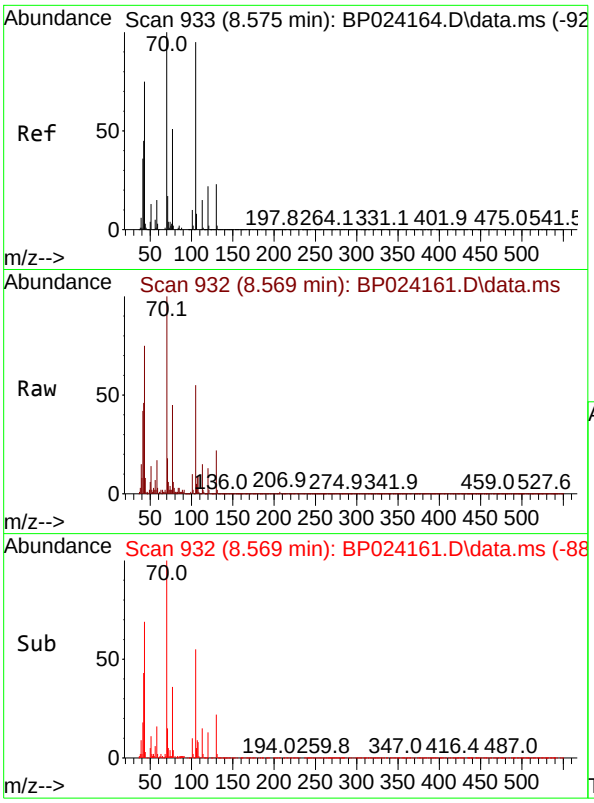


#18
Hexachloroethane
Concen: 4.909 ng
RT: 8.846 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:117 Resp: 42376

Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.0
201	91.0	76.6	114.8



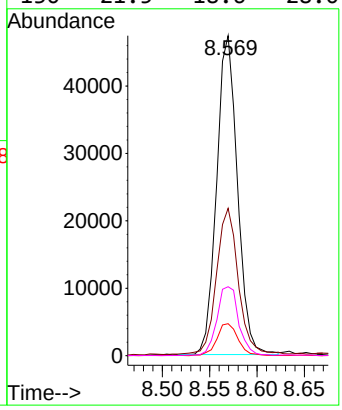


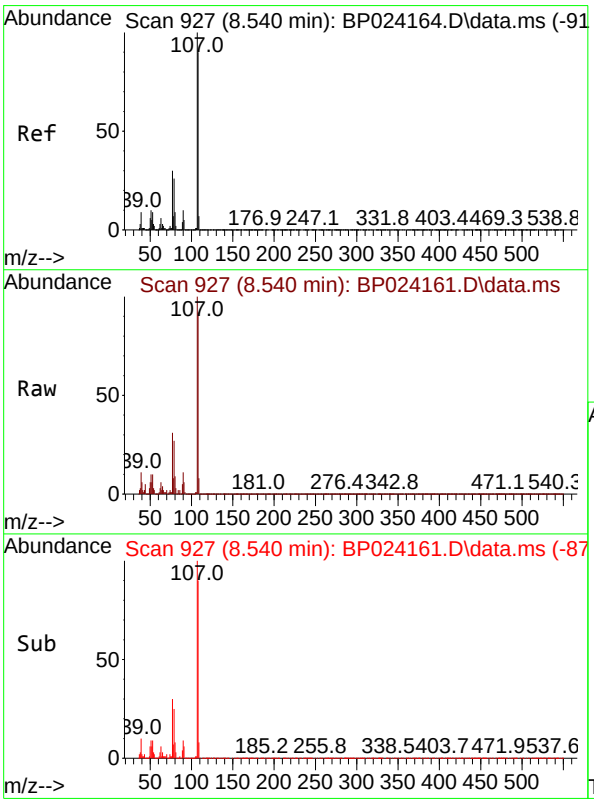
#19
n-Nitroso-di-n-propylamine
Concen: 5.139 ng
RT: 8.569 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 72383

Ion	Ratio	Lower	Upper
70	100		
42	46.0	36.0	54.0
101	10.0	8.3	12.5
130	21.5	18.6	28.0

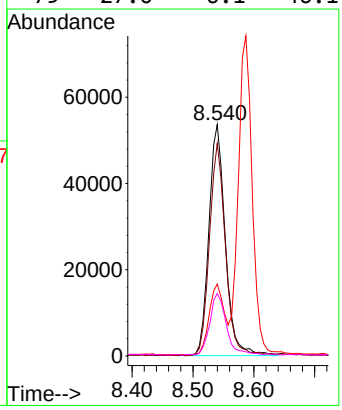


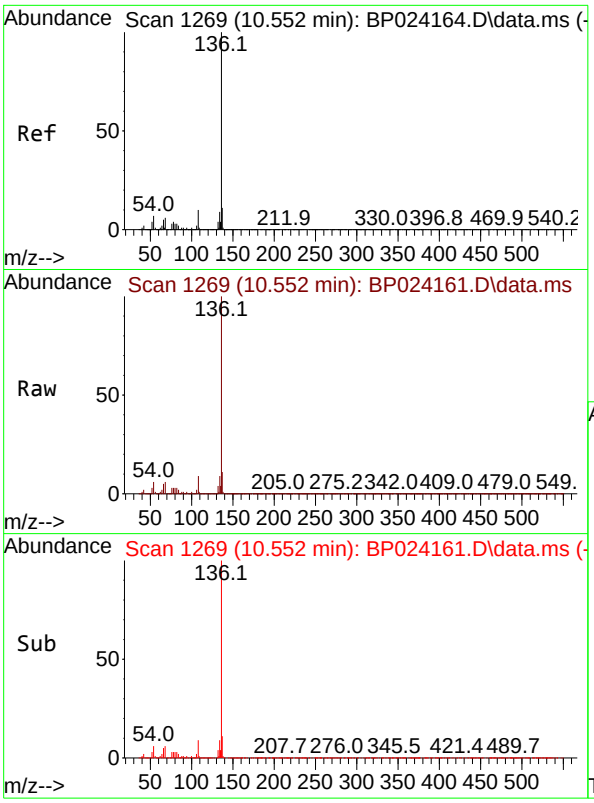


#20
3+4-Methylphenols
Concen: 4.606 ng
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:107 Resp: 100588

Ion	Ratio	Lower	Upper
107	100		
108	91.8	69.7	109.7
77	31.0	10.3	50.3
79	27.0	6.1	46.1



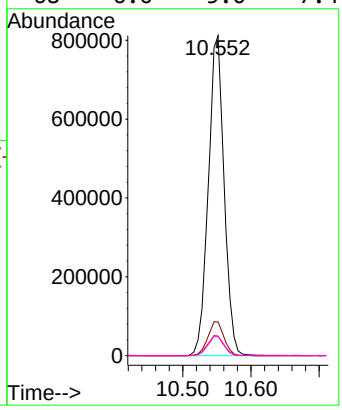


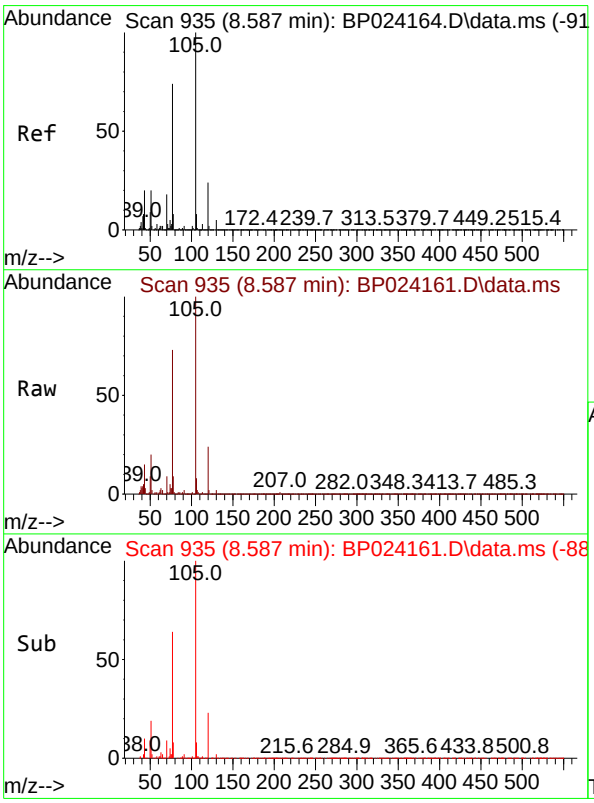
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1309940

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.1	5.3	7.9
68	6.0	5.0	7.4

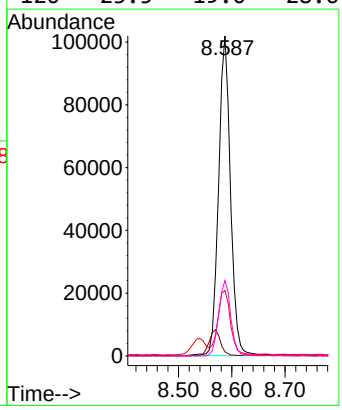


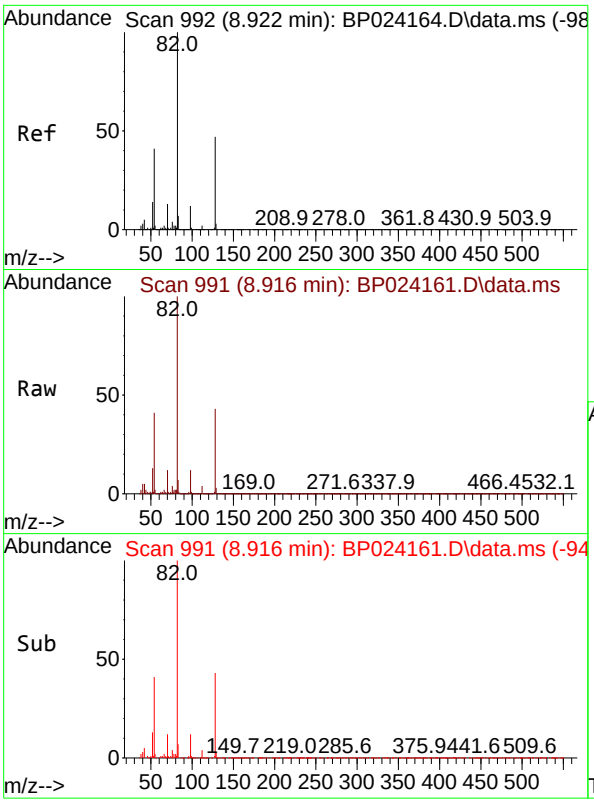


#22
Acetophenone
Concen: 4.699 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:105 Resp: 158185

Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.4	3.6#
51	20.5	16.2	24.2
120	23.5	19.0	28.6



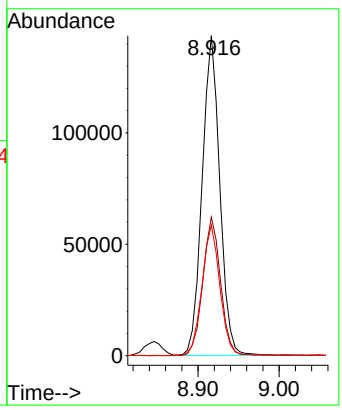


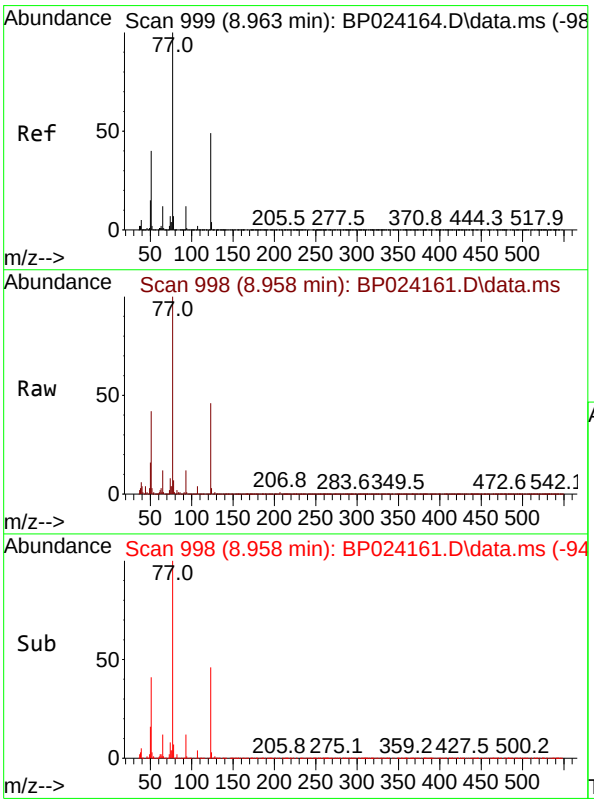
#23
Nitrobenzene-d5
Concen: 9.202 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 216074

Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.4	56.0
54	40.8	32.5	48.7

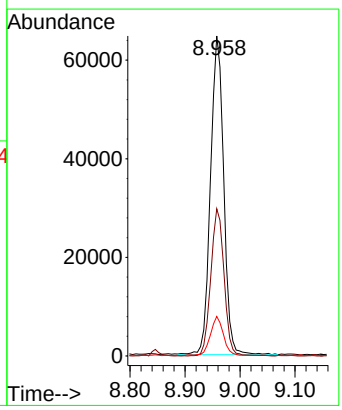


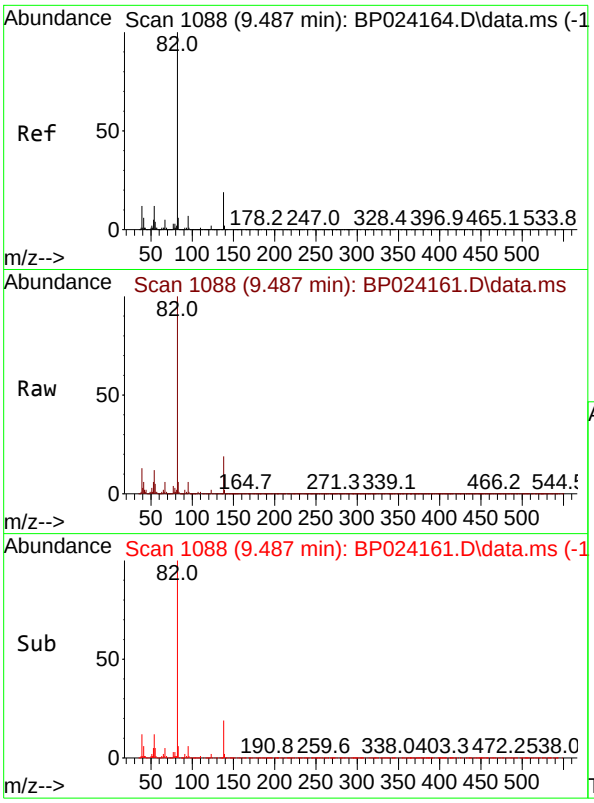


#24
Nitrobenzene
Concen: 4.677 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 77 Resp: 108086

Ion	Ratio	Lower	Upper
77	100		
123	46.0	39.4	59.2
65	12.4	9.9	14.9



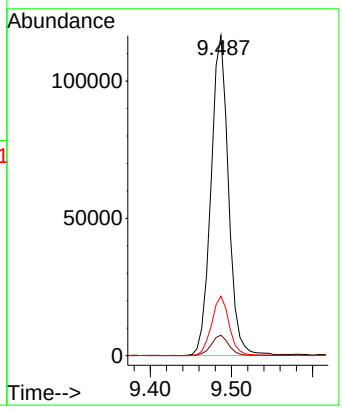


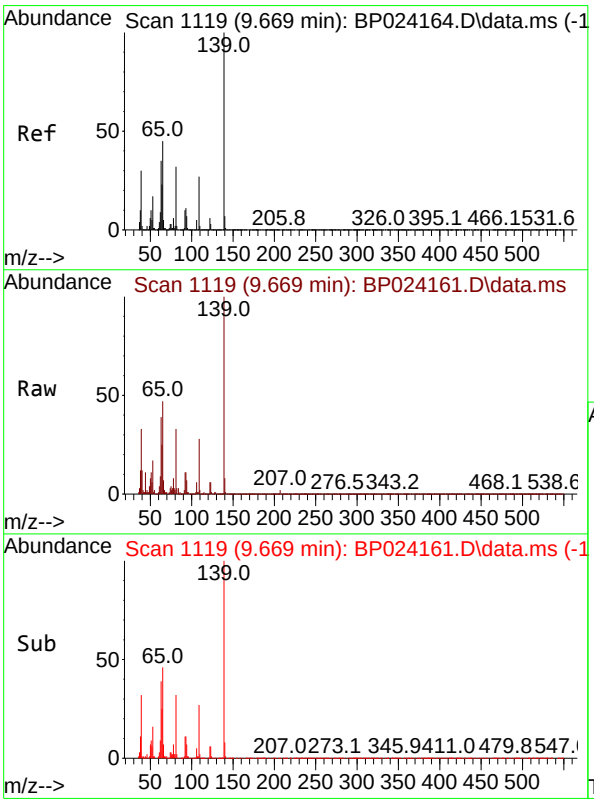
#25
Isophorone
Concen: 4.540 ng
RT: 9.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 174338

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.3	7.9
138	18.6	14.8	22.2

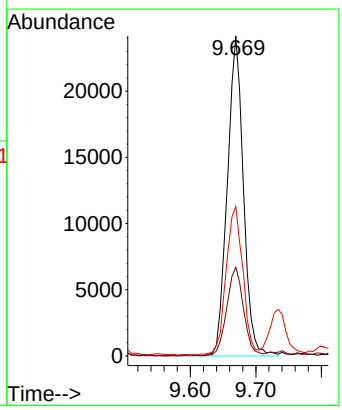


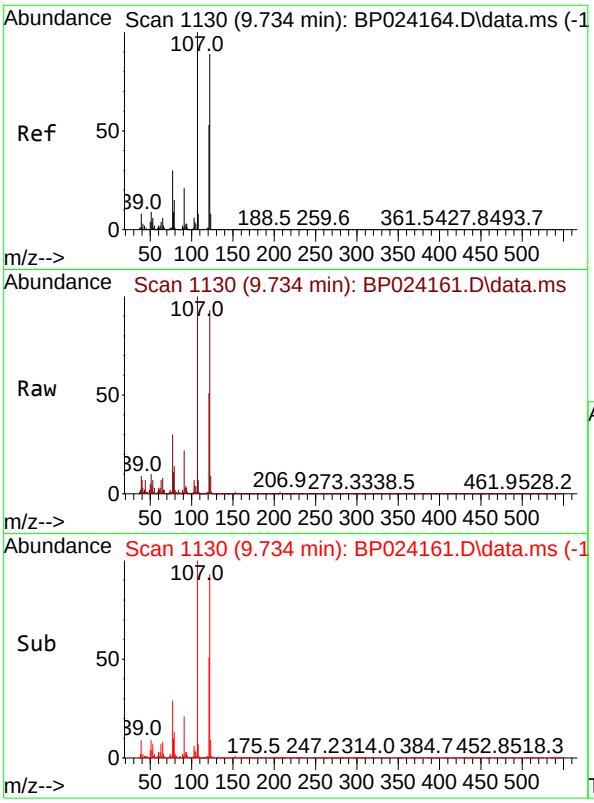


#26
2-Nitrophenol
Concen: 3.880 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:139 Resp: 41305

Ion	Ratio	Lower	Upper
139	100		
109	27.7	21.7	32.5
65	46.6	35.8	53.8



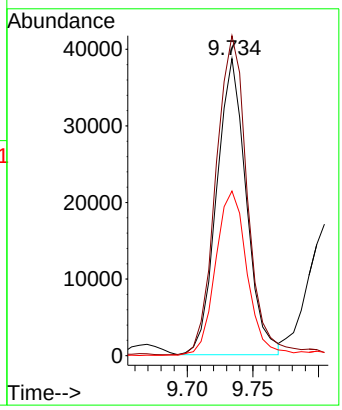


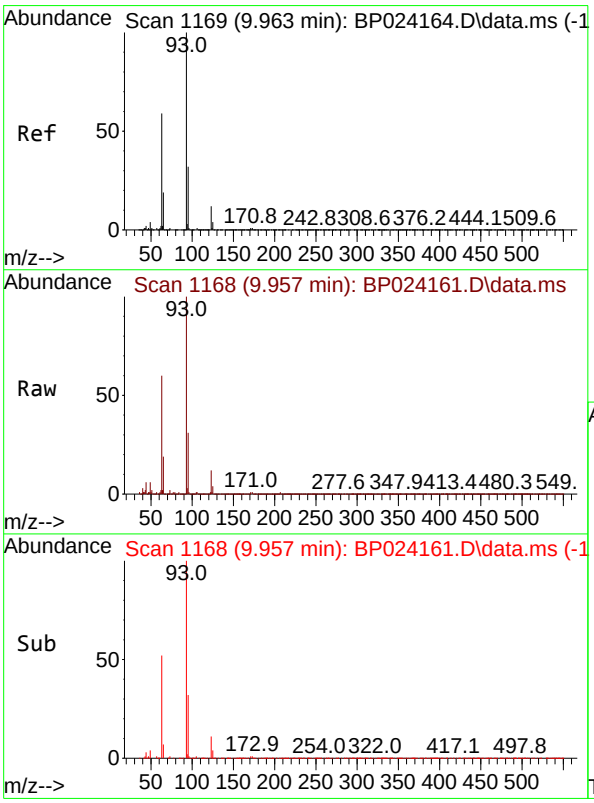
#27
2,4-Dimethylphenol
Concen: 4.354 ng
RT: 9.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 60843

Ion	Ratio	Lower	Upper
122	100		
107	107.7	89.3	133.9
121	55.4	47.5	71.3

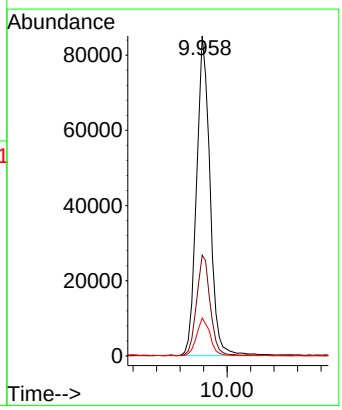


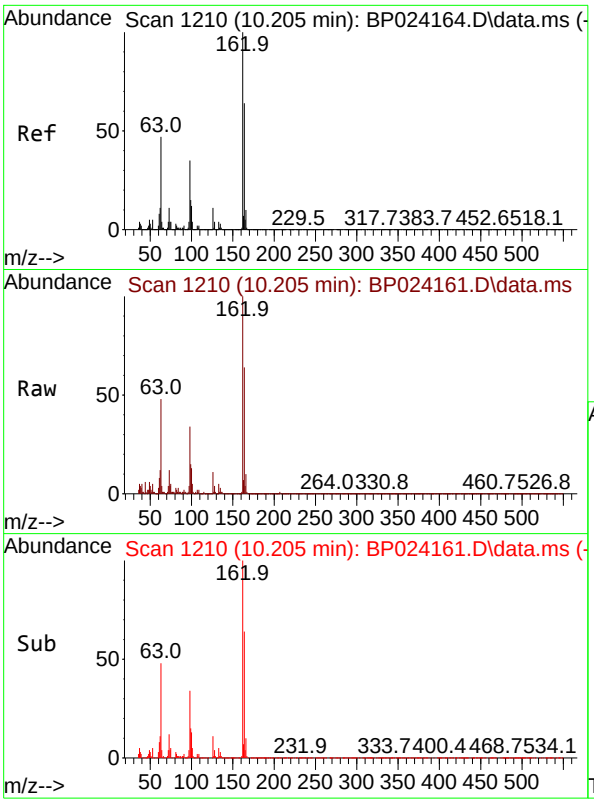


#28
bis(2-Chloroethoxy)methane
Concen: 4.872 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 93 Resp: 135529

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.9	38.9
123	11.9	9.5	14.3



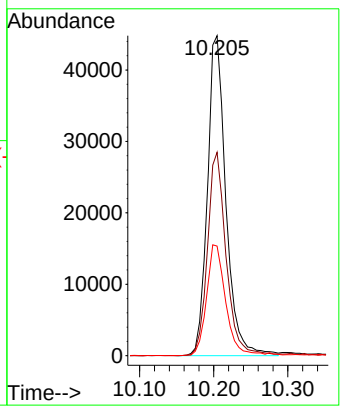


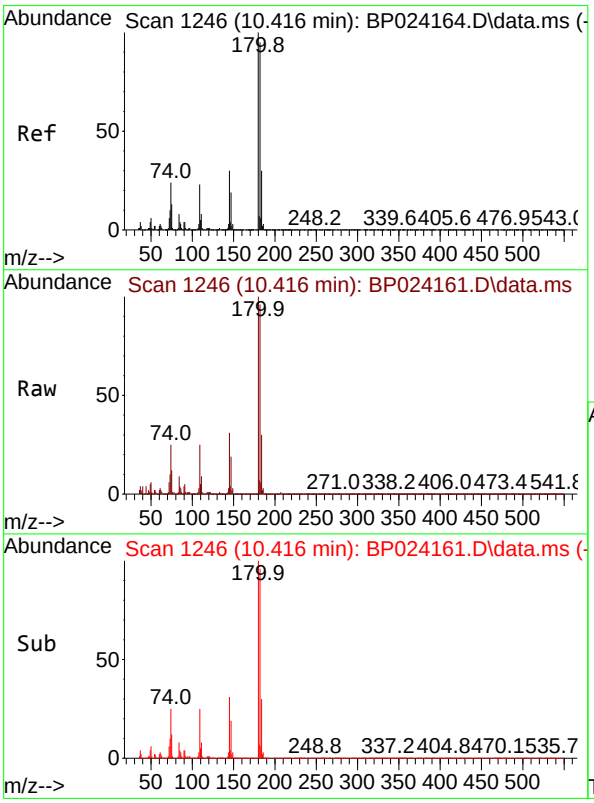
#29
2,4-Dichlorophenol
Concen: 4.072 ng
RT: 10.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 77653

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	34.2	15.1	55.1

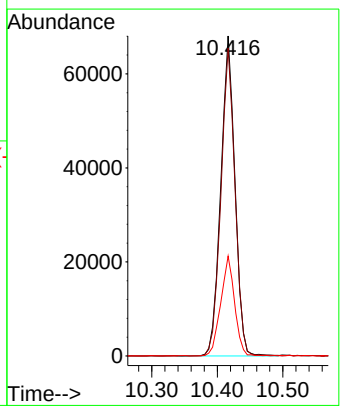


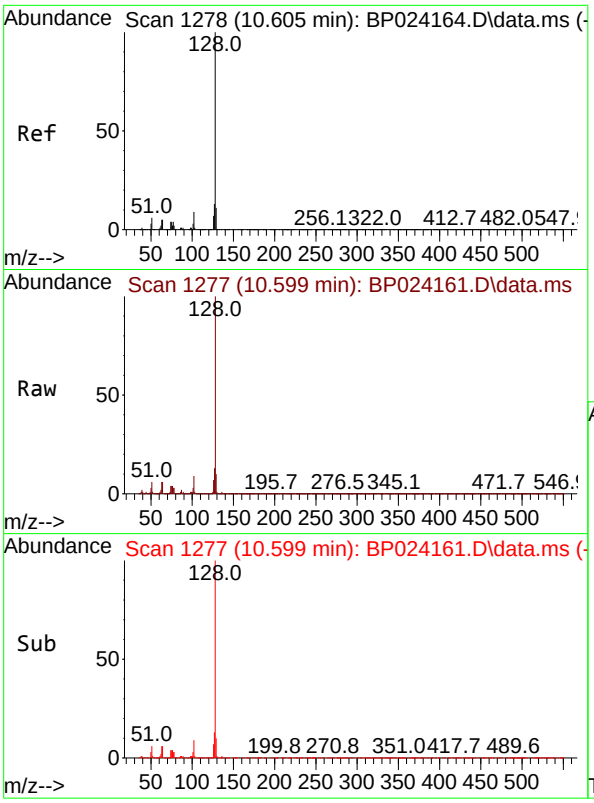


#30
1,2,4-Trichlorobenzene
Concen: 4.646 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:180 Resp: 101518

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
145	31.2	24.2	36.2



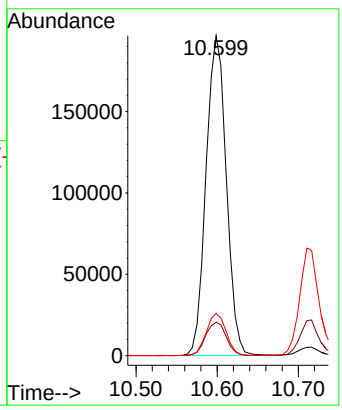


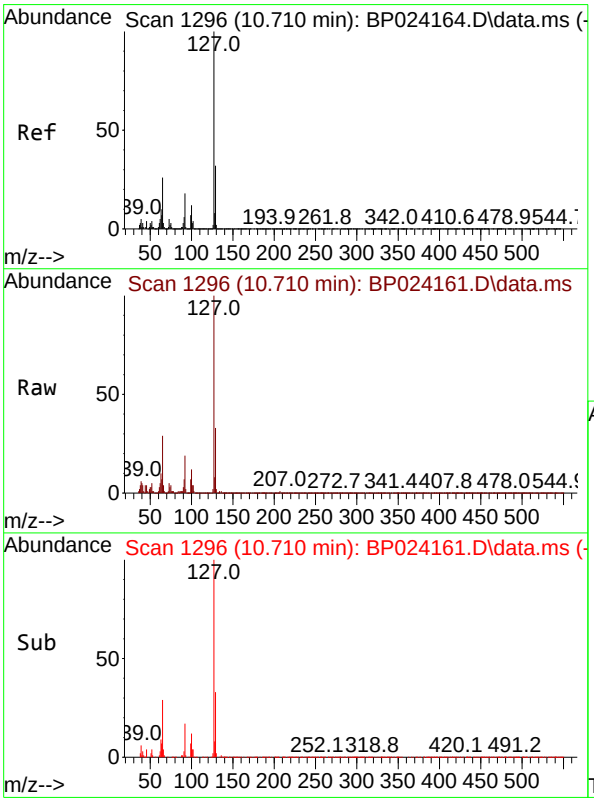
#31
Naphthalene
Concen: 4.840 ng
RT: 10.599 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 340918

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	13.3	10.4	15.6

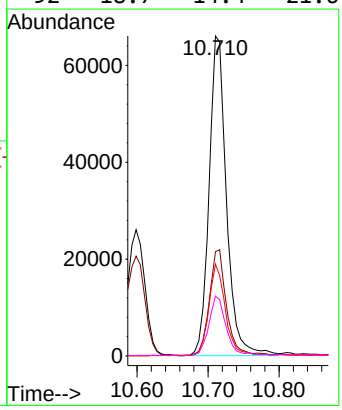


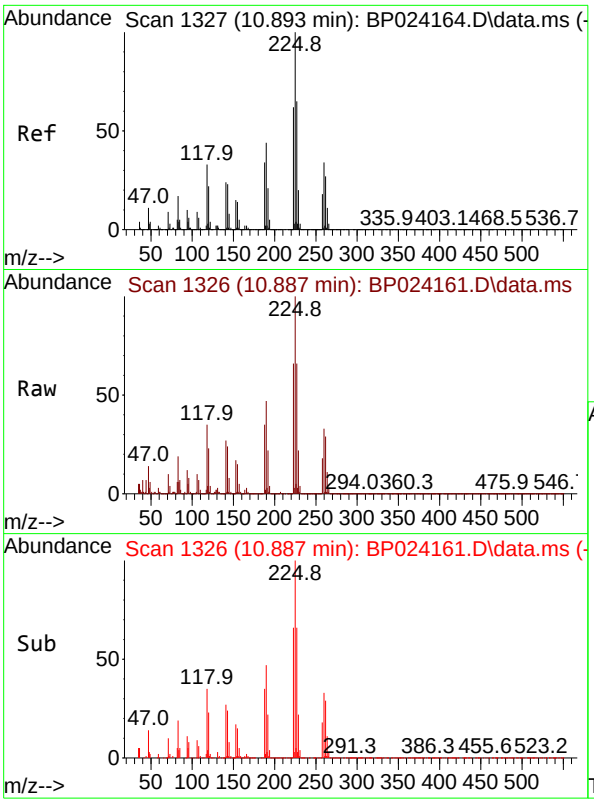


#33
4-Chloroaniline
Concen: 4.545 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:127 Resp: 112776

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	28.7	21.2	31.8
92	18.7	14.4	21.6



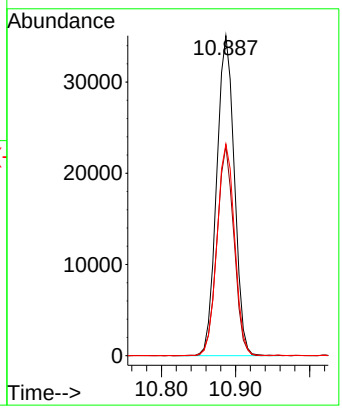


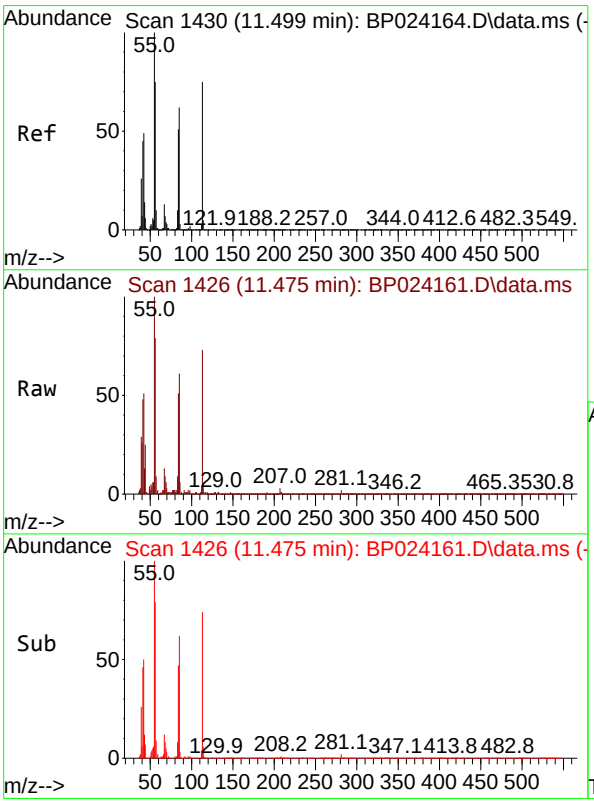
#34
Hexachlorobutadiene
Concen: 4.589 ng
RT: 10.887 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 58080

Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.9	74.9
227	66.1	52.2	78.2

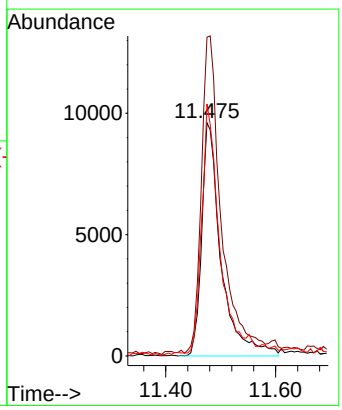


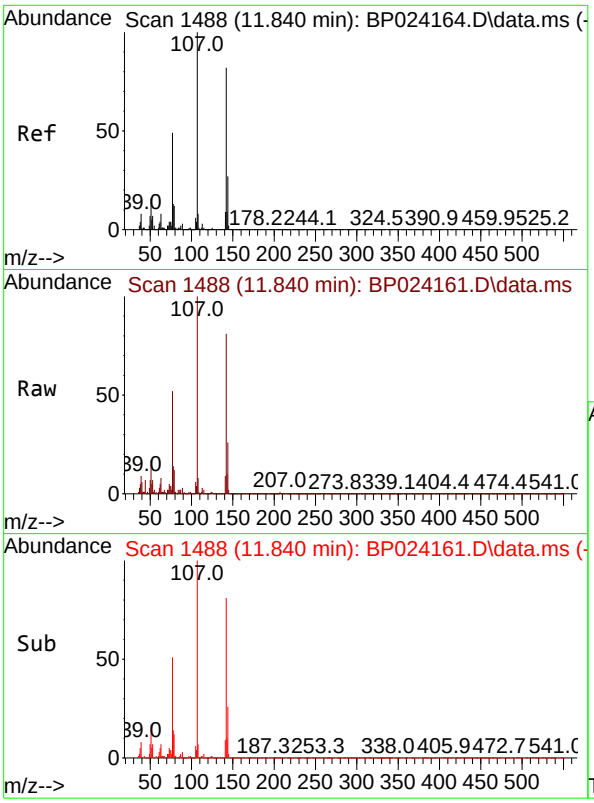


#35
Caprolactam
Concen: 4.057 ng
RT: 11.475 min Scan# 1426
Delta R.T. -0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:113 Resp: 23432

Ion	Ratio	Lower	Upper
113	100		
55	136.8	113.6	153.6
56	108.1	80.0	120.0



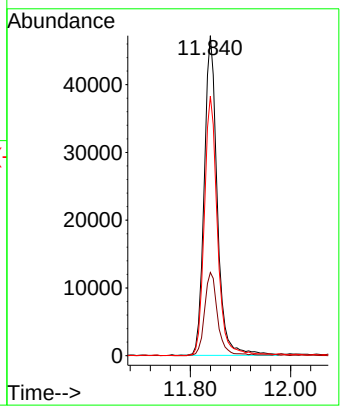


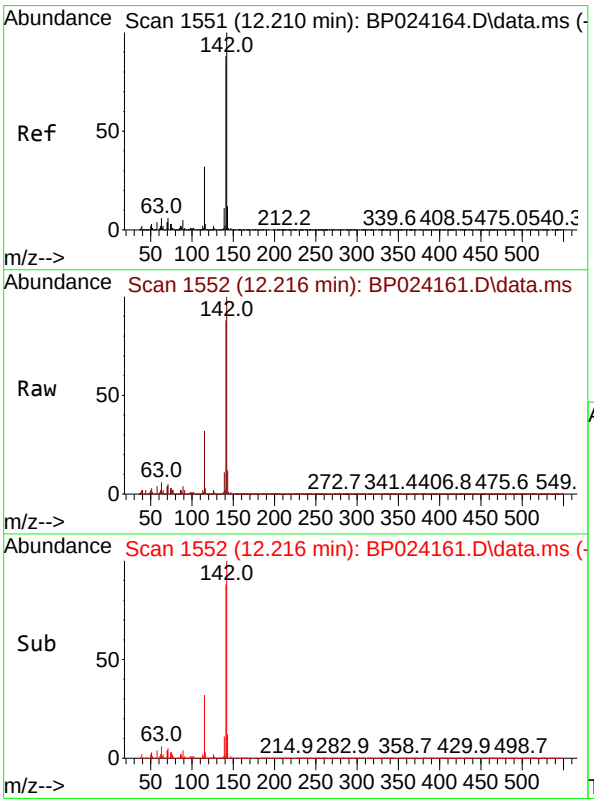
#36
4-Chloro-3-methylphenol
Concen: 4.352 ng
RT: 11.840 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 85333

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.6	32.4
142	81.1	65.4	98.0

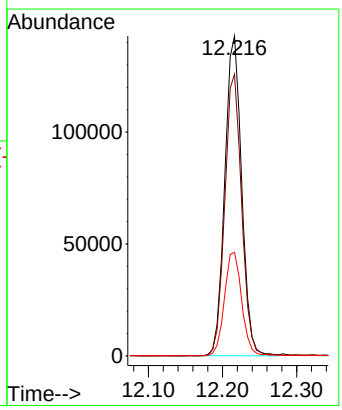


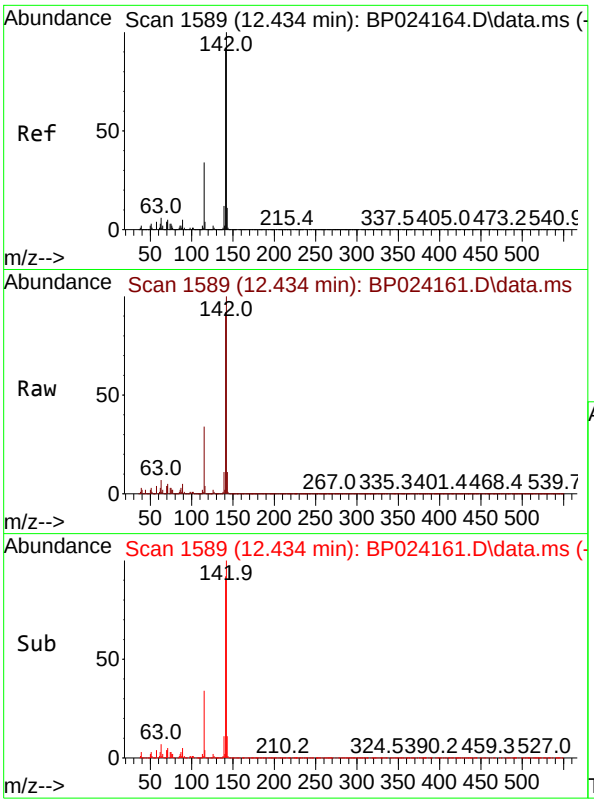


#37
2-Methylnaphthalene
Concen: 4.817 ng
RT: 12.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:142 Resp: 225485

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	32.4	26.0	39.0



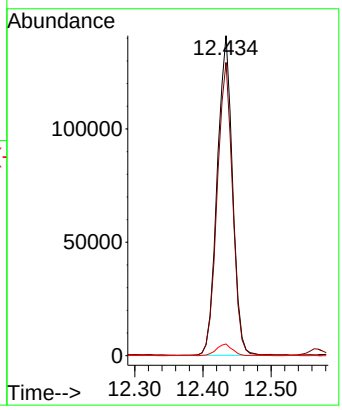


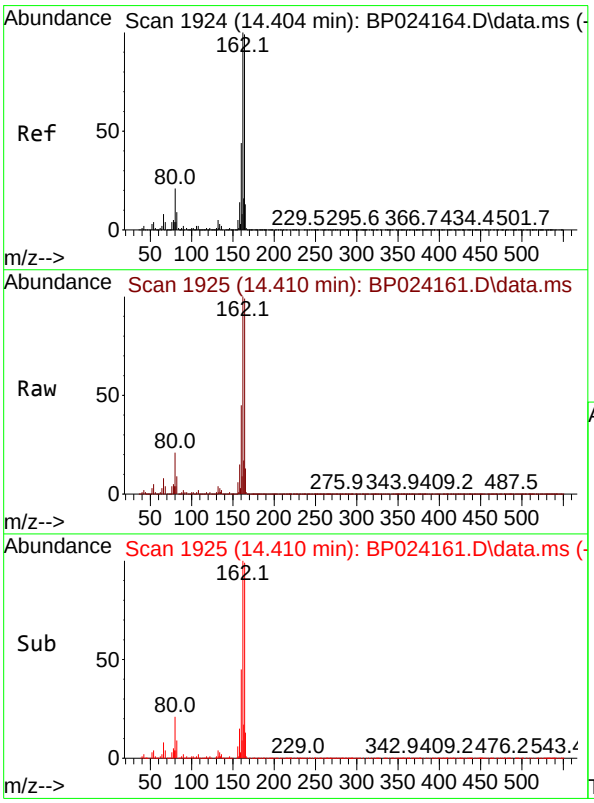
#38
1-Methylnaphthalene
Concen: 4.848 ng
RT: 12.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 220784

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.9	110.9
116	3.7	2.8	4.2

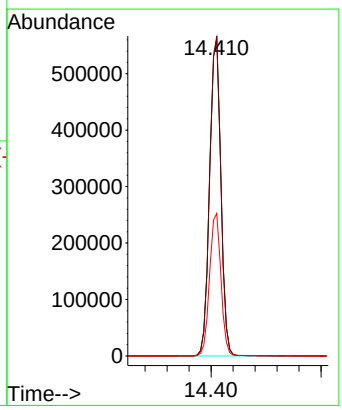


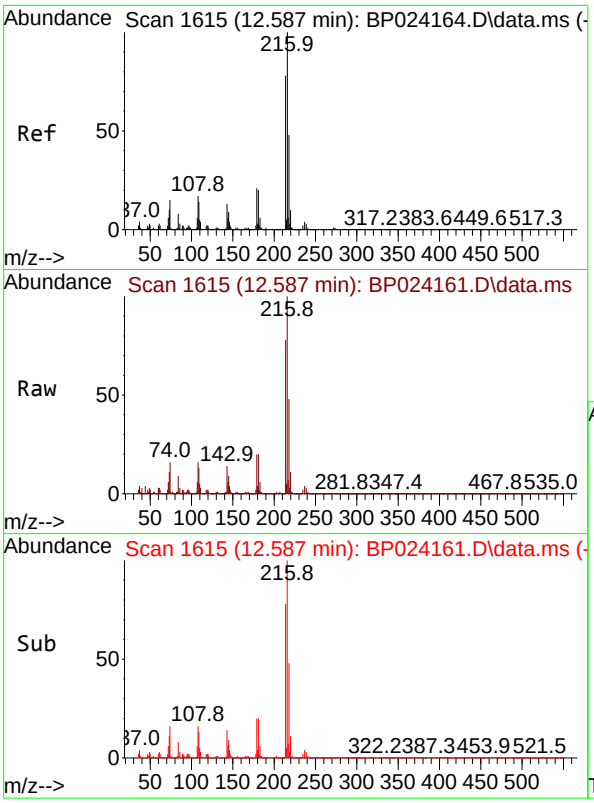


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:164 Resp: 799469

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	44.9	35.4	53.2



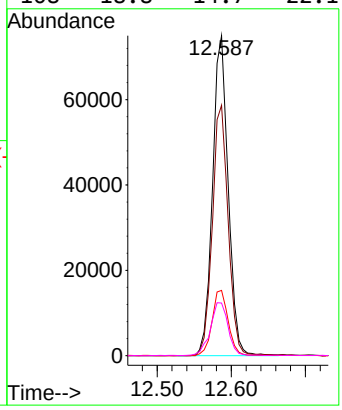


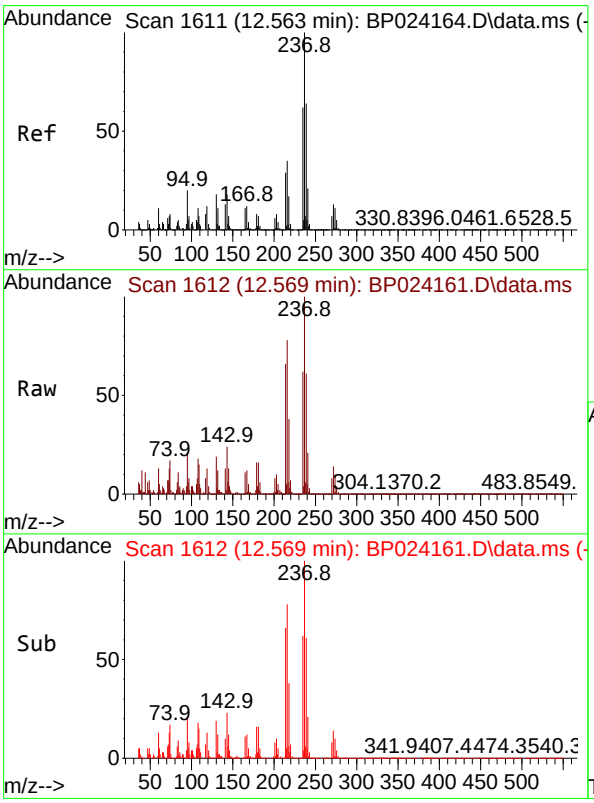
#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.459 ng
RT: 12.587 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 109528

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.8	94.2
179	21.1	16.8	25.2
108	18.8	14.7	22.1

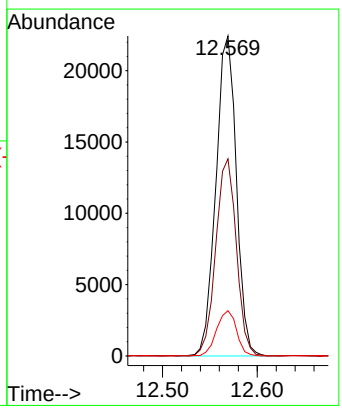


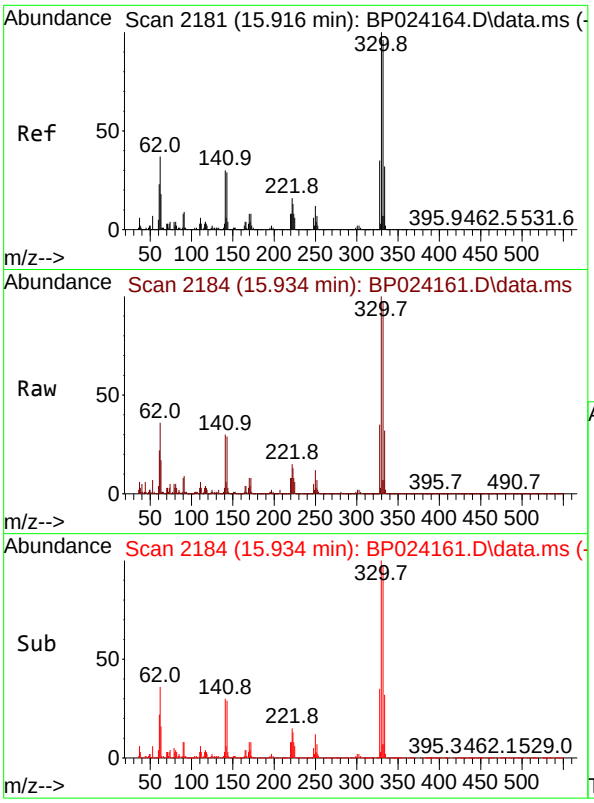


#41
Hexachlorocyclopentadiene
Concen: 3.693 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:237 Resp: 33755

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.8	81.8
272	14.2	0.0	33.5



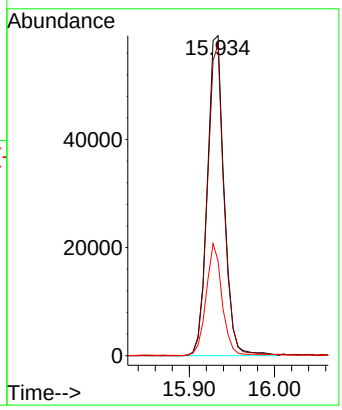


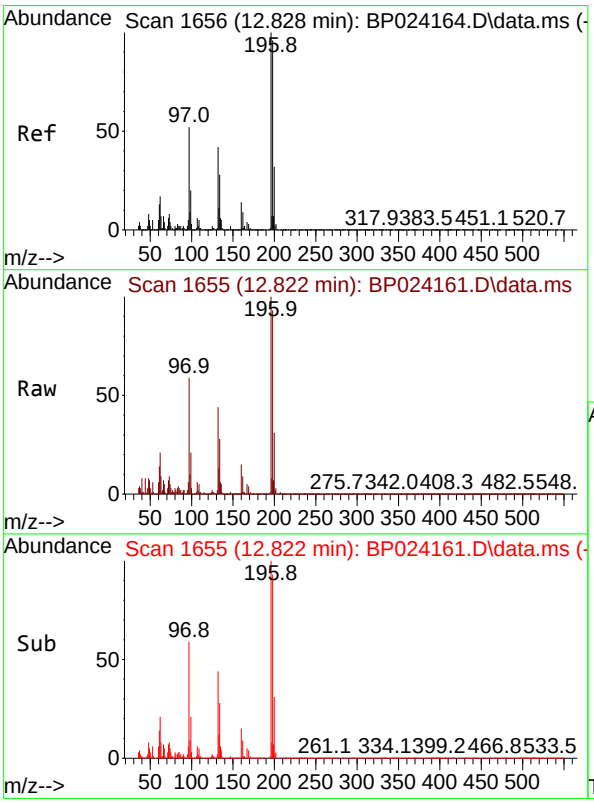
#42
2,4,6-Tribromophenol
Concen: 8.288 ng
RT: 15.934 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 81159

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	33.0	25.0	37.6

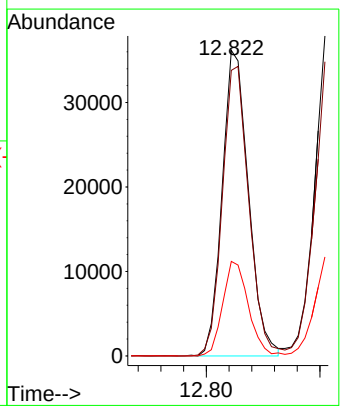


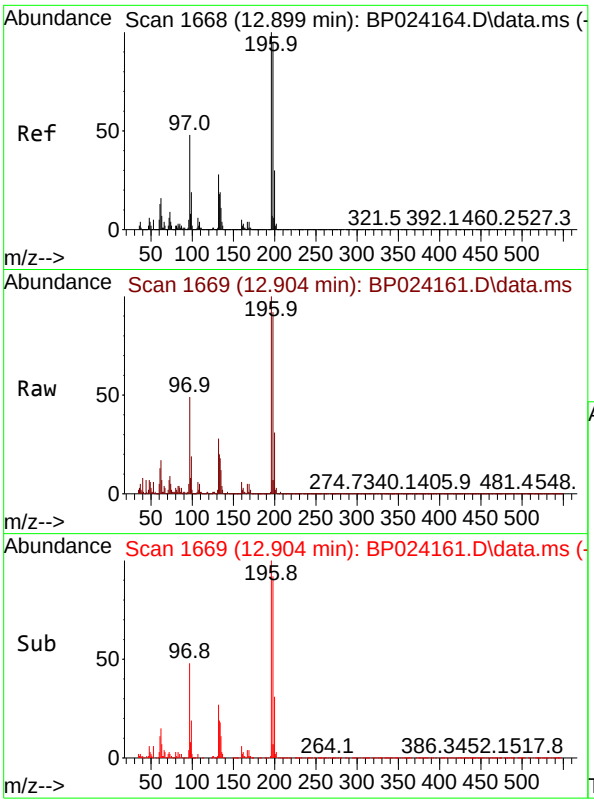


#43
2,4,6-Trichlorophenol
Concen: 3.883 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:196 Resp: 58172

Ion	Ratio	Lower	Upper
196	100		
198	93.4	76.6	115.0
200	30.9	25.4	38.0



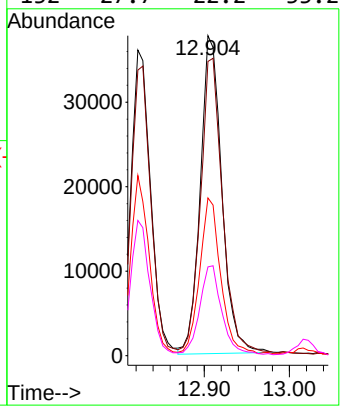


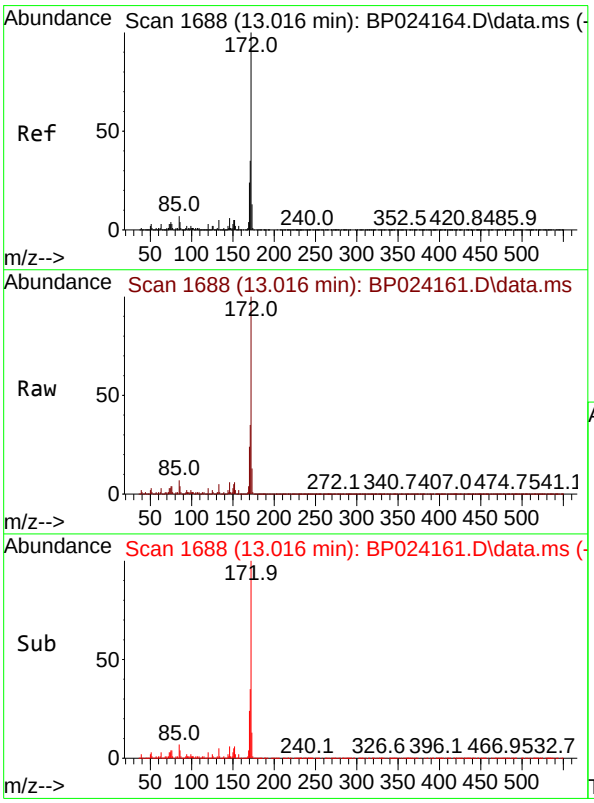
#44
2,4,5-Trichlorophenol
Concen: 4.044 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 66250

Ion	Ratio	Lower	Upper
196	100		
198	91.9	76.5	114.7
97	49.3	38.7	58.1
132	27.7	22.2	33.2

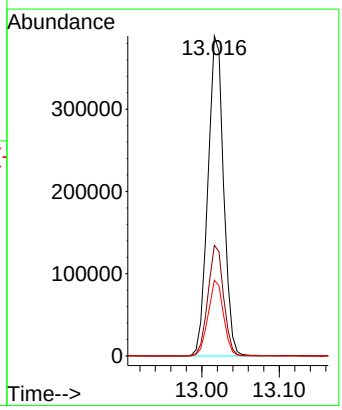


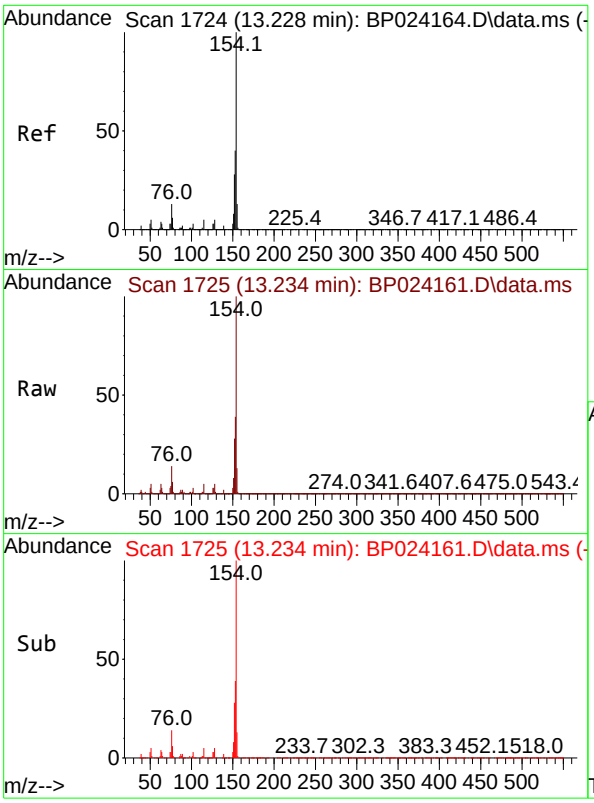


#45
2-Fluorobiphenyl
Concen: 9.532 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:172 Resp: 545120

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	23.7	19.0	28.4



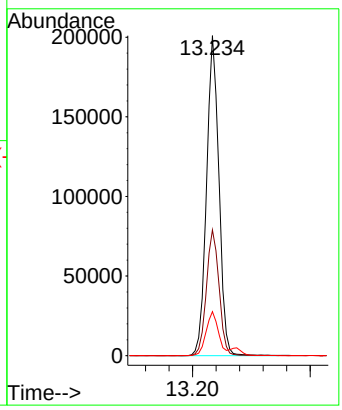


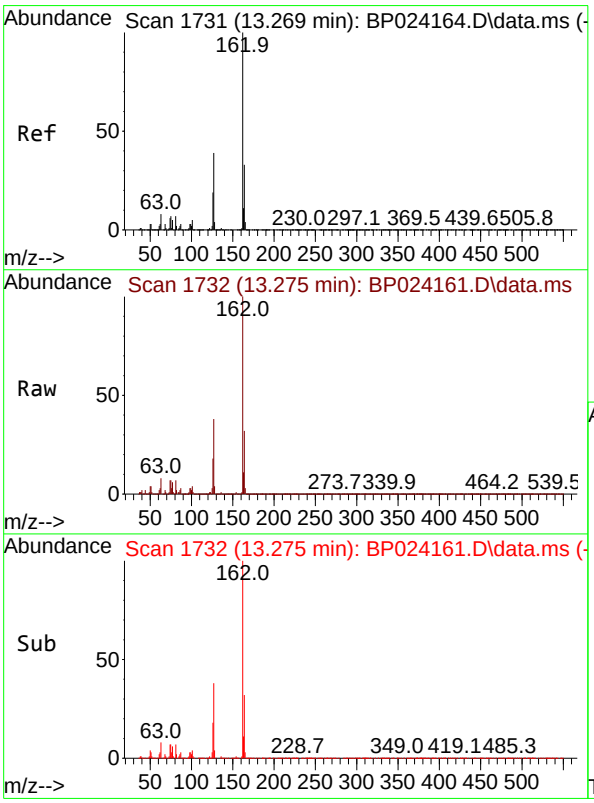
#46
1,1'-Biphenyl
Concen: 4.721 ng
RT: 13.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 293289

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.3	60.3
76	13.7	0.0	32.9

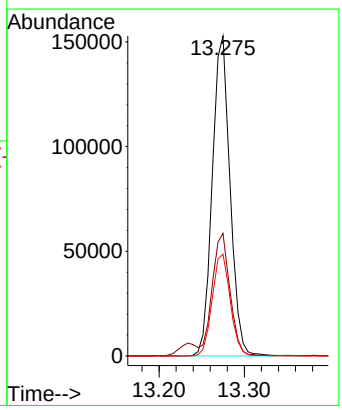


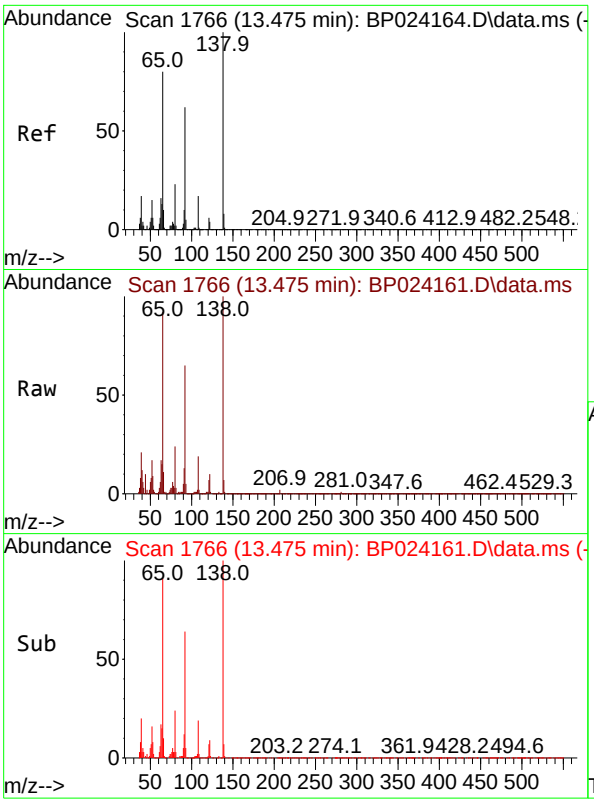


#47
2-Chloronaphthalene
Concen: 4.715 ng
RT: 13.275 min Scan# 1732
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:162 Resp: 221413

Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.5	47.3
164	31.8	26.6	39.8



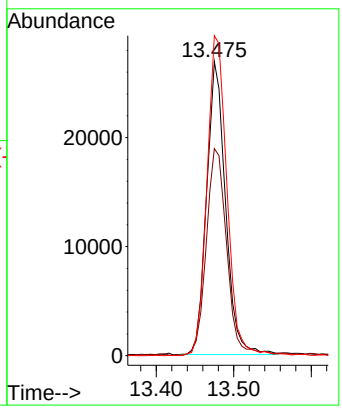


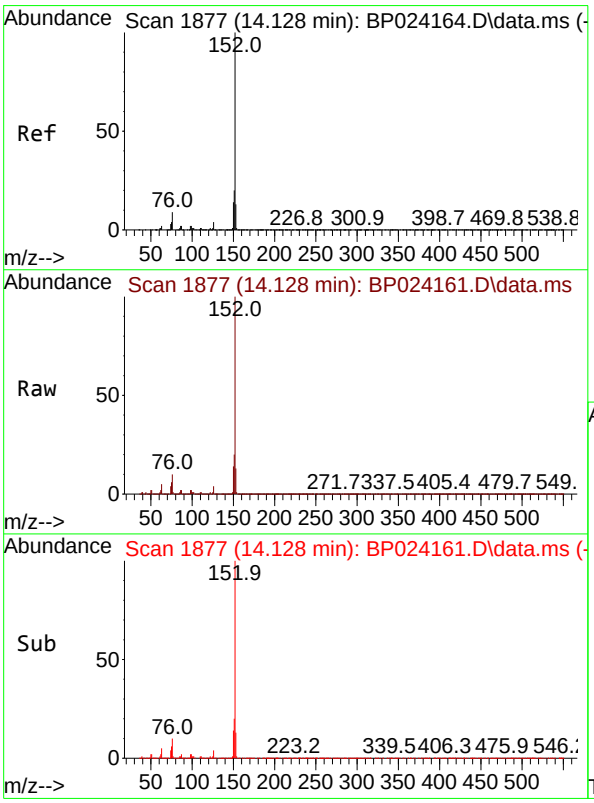
#48
2-Nitroaniline
Concen: 4.117 ng
RT: 13.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 45667

Ion	Ratio	Lower	Upper
65	100		
92	70.4	62.1	93.1
138	108.8	99.5	149.3

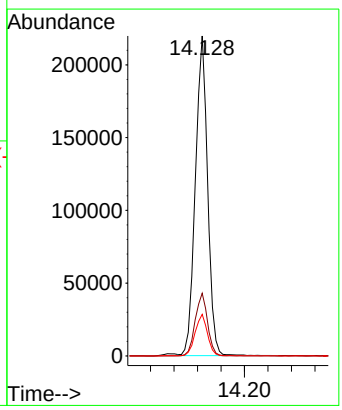


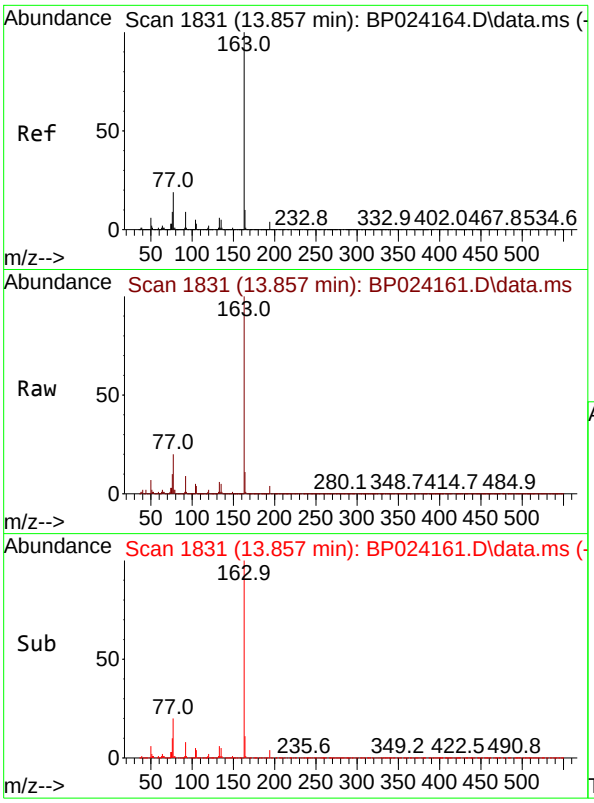


#49
Acenaphthylene
Concen: 4.580 ng
RT: 14.128 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:152 Resp: 316902

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.0	10.6	15.8



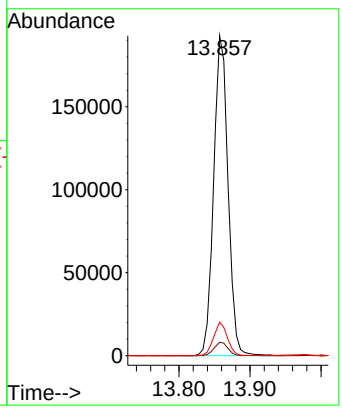


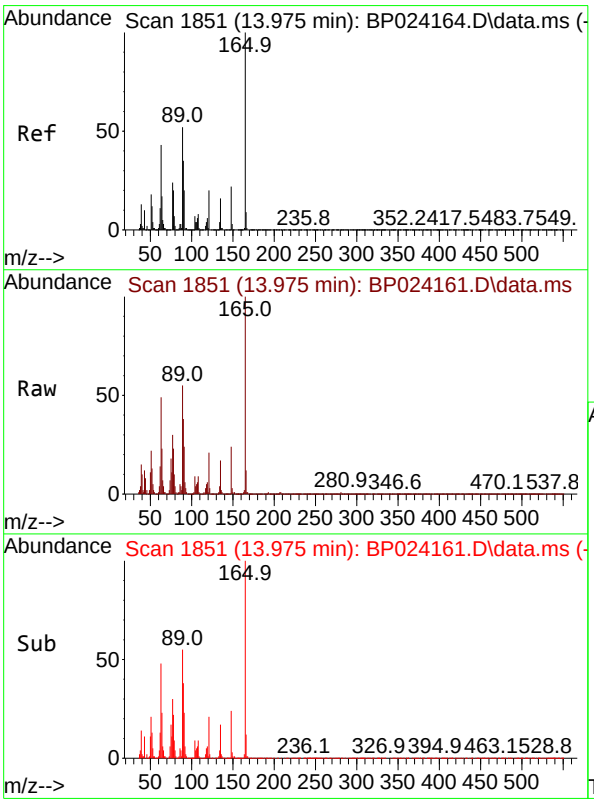
#50
Dimethylphthalate
Concen: 4.789 ng
RT: 13.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 270053

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.2	12.4

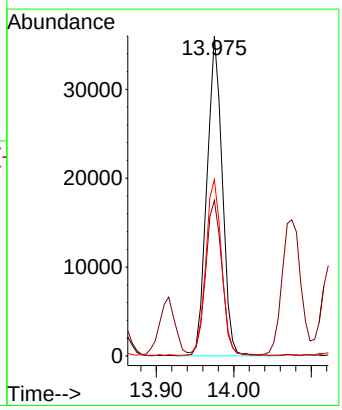


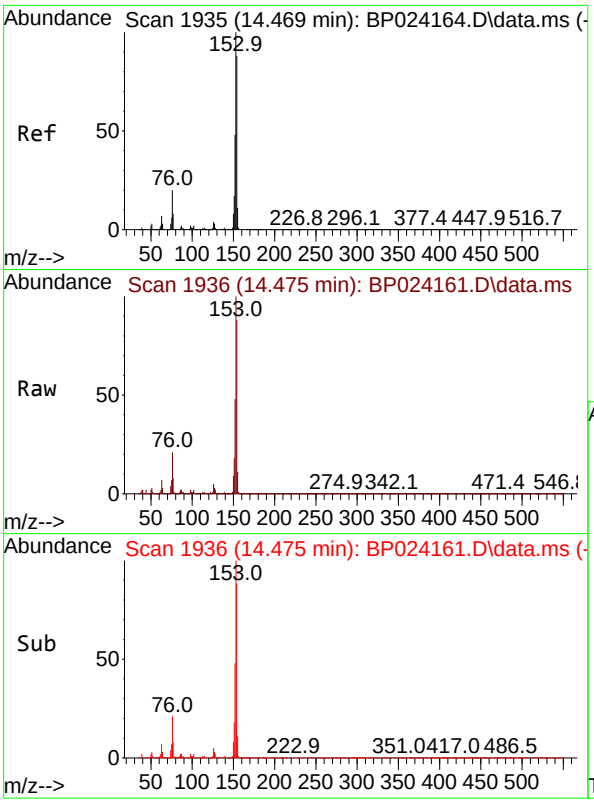


#51
2,6-Dinitrotoluene
Concen: 4.317 ng
RT: 13.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:165 Resp: 49593

Ion	Ratio	Lower	Upper
165	100		
63	48.6	37.7	56.5
89	55.1	41.9	62.9



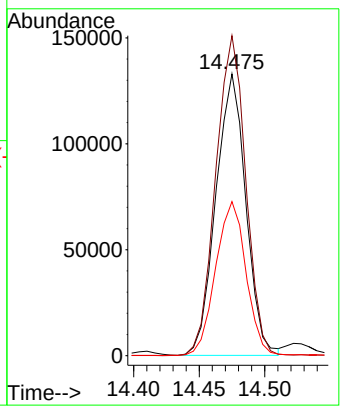


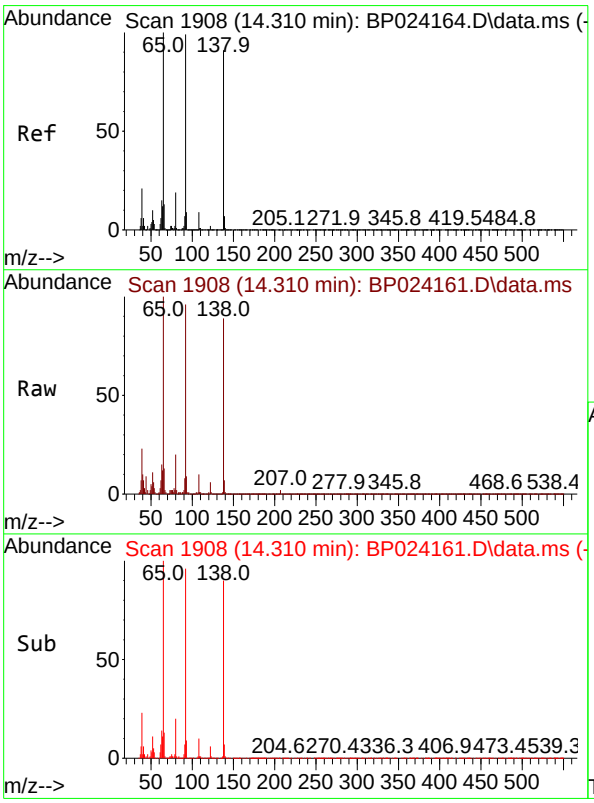
#52
Acenaphthene
Concen: 4.742 ng
RT: 14.475 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 211290

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	54.7	43.1	64.7

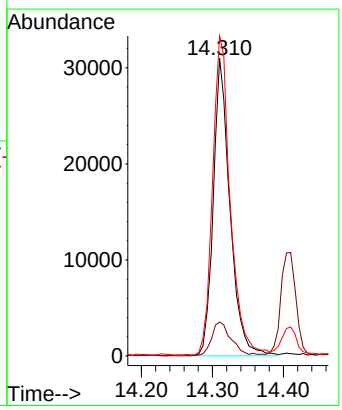


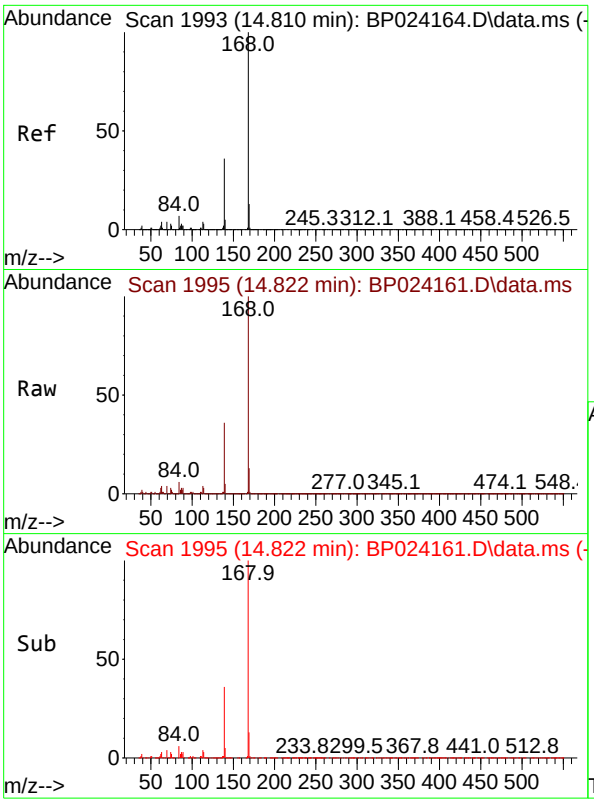


#53
3-Nitroaniline
Concen: 4.129 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:138 Resp: 50611

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.2	12.2
92	107.5	86.7	130.1



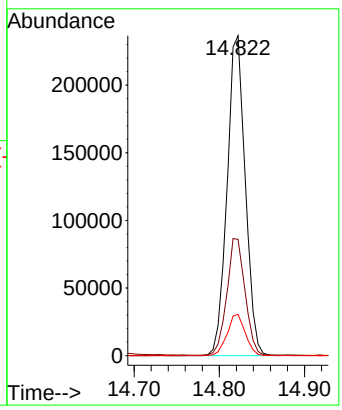


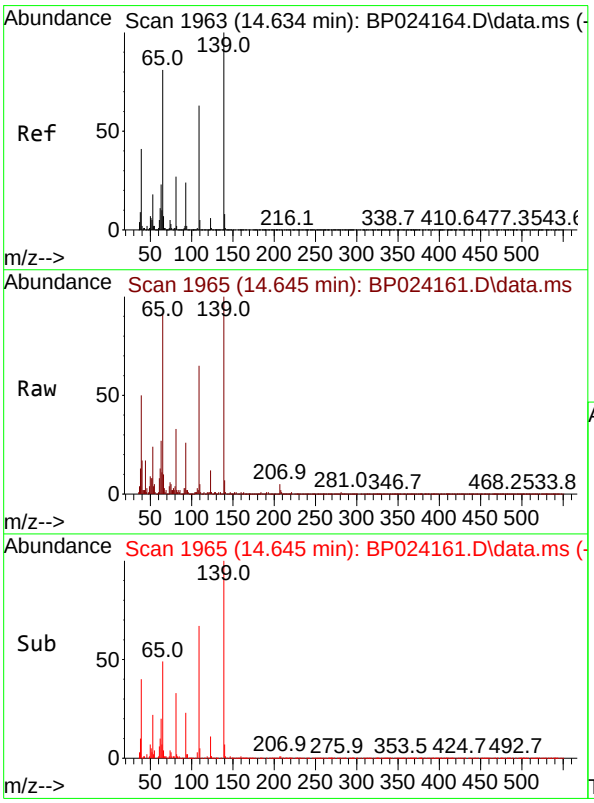
#55
Dibenzofuran
Concen: 4.858 ng
RT: 14.822 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 351651

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.1	43.7
169	13.0	10.8	16.2

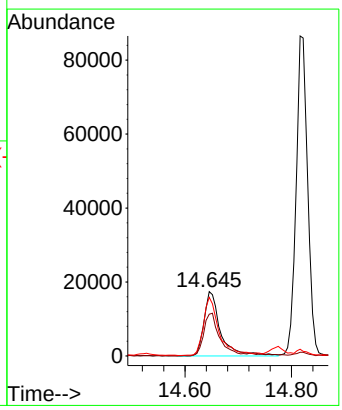


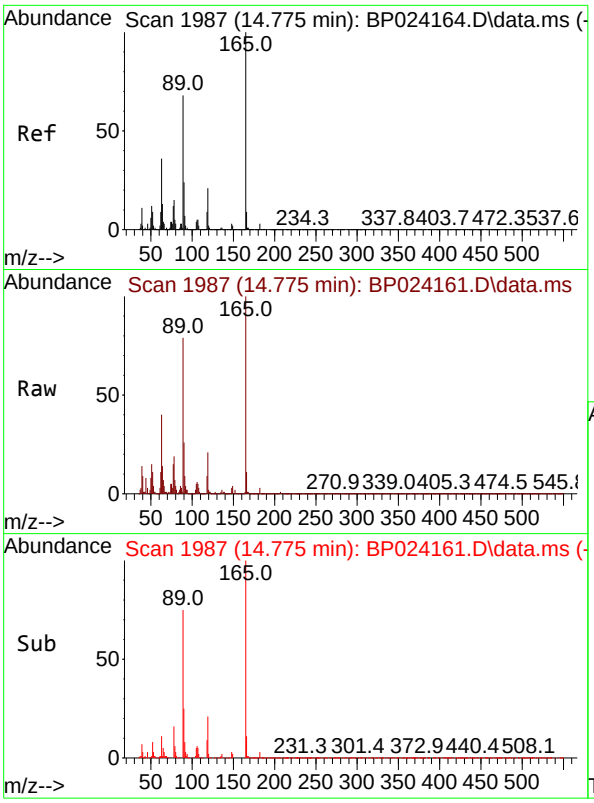


#56
4-Nitrophenol
Concen: 3.521 ng
RT: 14.645 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:139 Resp: 37281

Ion	Ratio	Lower	Upper
139	100		
109	65.1	43.3	83.3
65	91.1	61.2	101.2



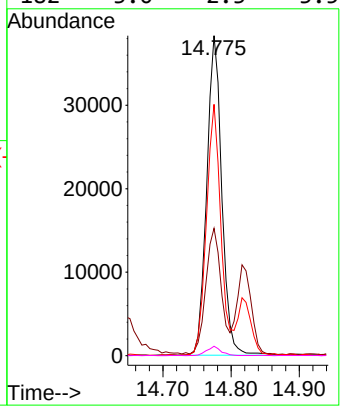


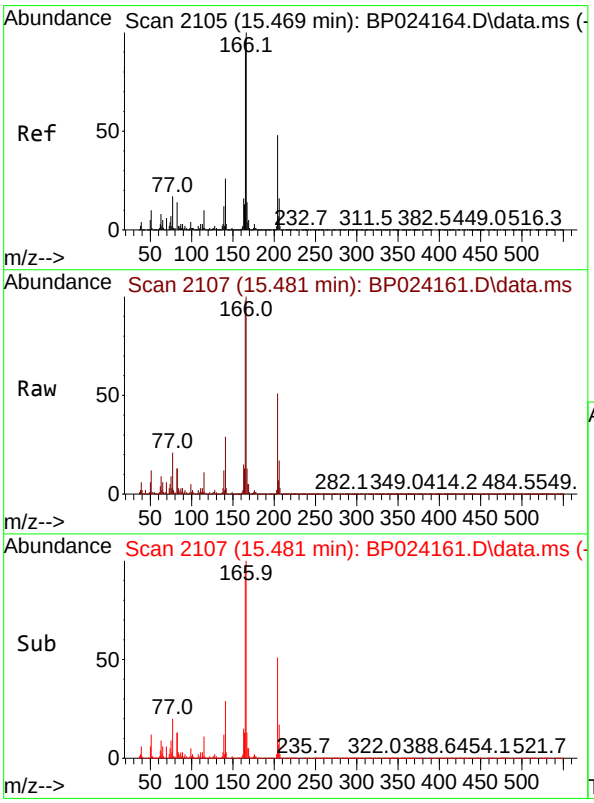
#57
2,4-Dinitrotoluene
Concen: 3.946 ng
RT: 14.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 58882

Ion	Ratio	Lower	Upper
165	100		
63	39.8	29.0	43.6
89	78.5	54.2	81.4
182	3.0	2.3	3.5

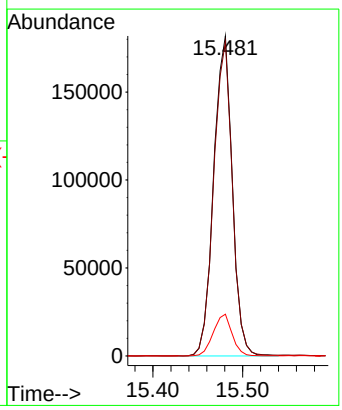


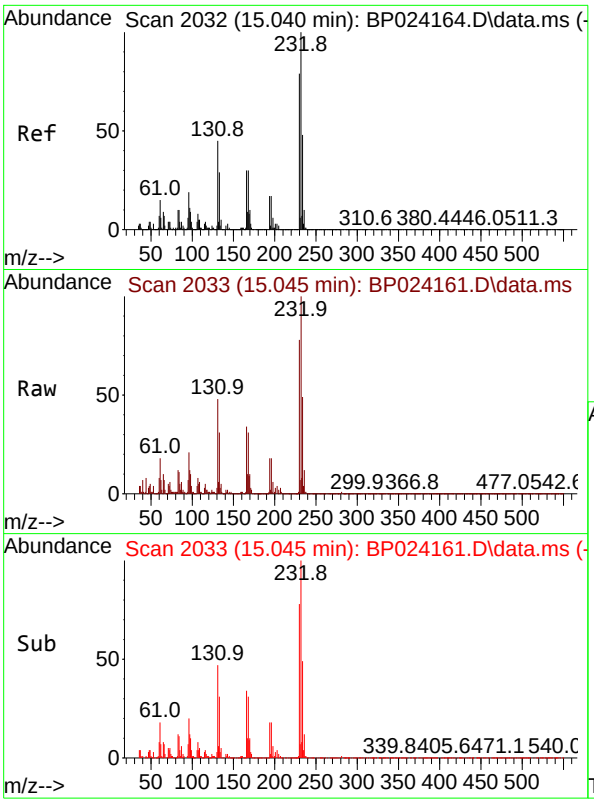


#58
Fluorene
Concen: 4.629 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:166 Resp: 261676

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.6	116.4
167	13.1	10.8	16.2



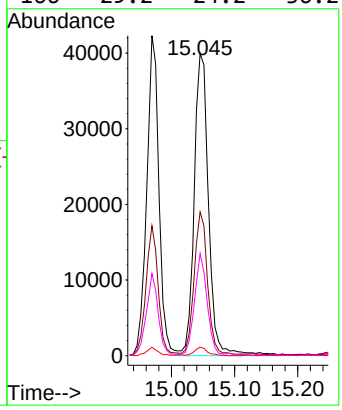


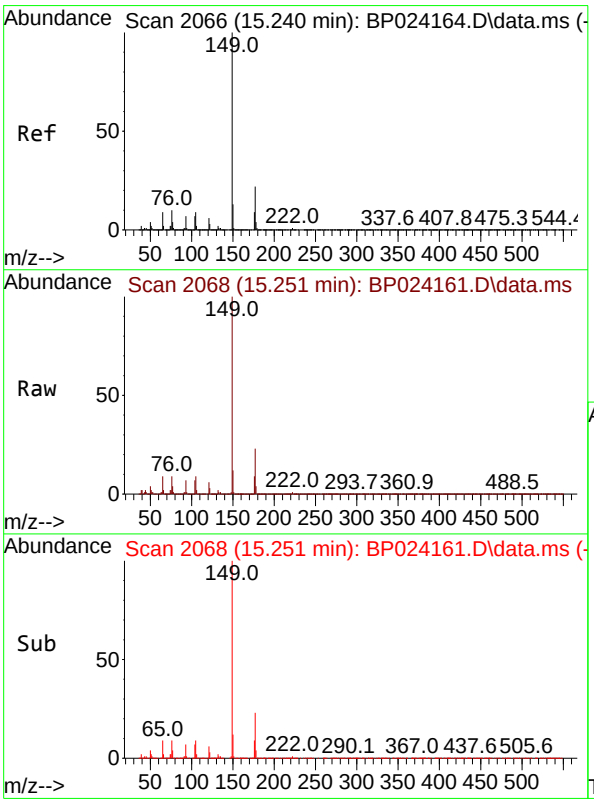
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.441 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 63120

Ion	Ratio	Lower	Upper
232	100		
131	43.5	35.9	53.9
130	2.6	1.8	2.6
166	29.2	24.2	36.2

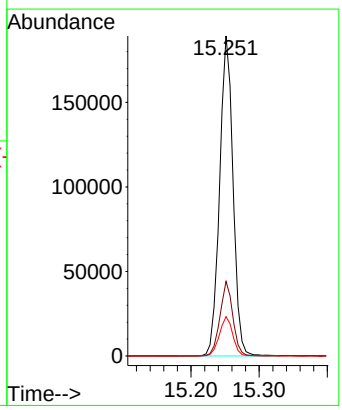


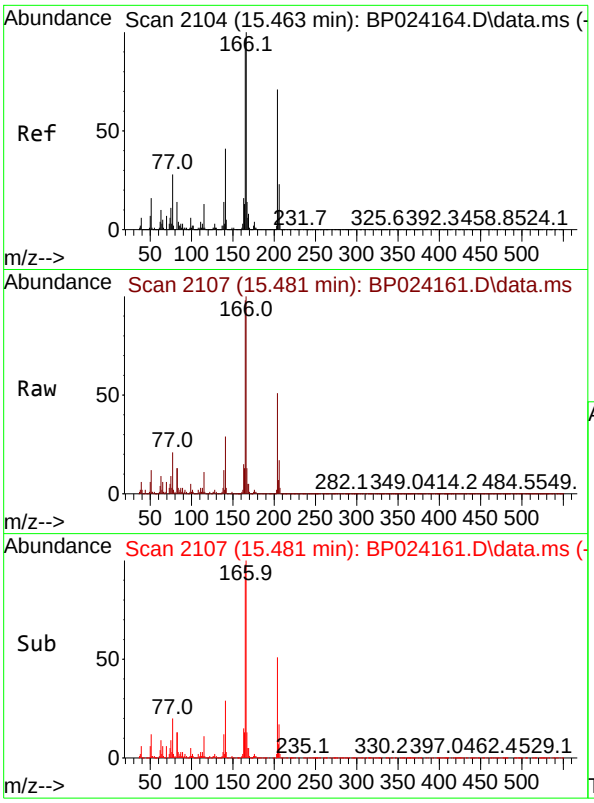


#60
Diethylphthalate
Concen: 4.631 ng
RT: 15.251 min Scan# 2068
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:149 Resp: 259242

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.7	26.5
150	12.3	10.2	15.4



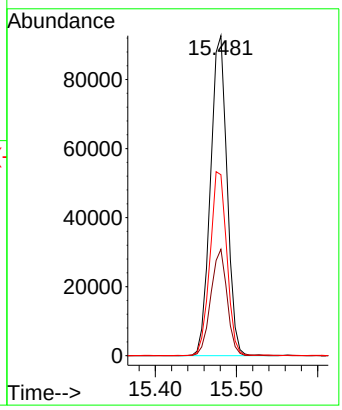


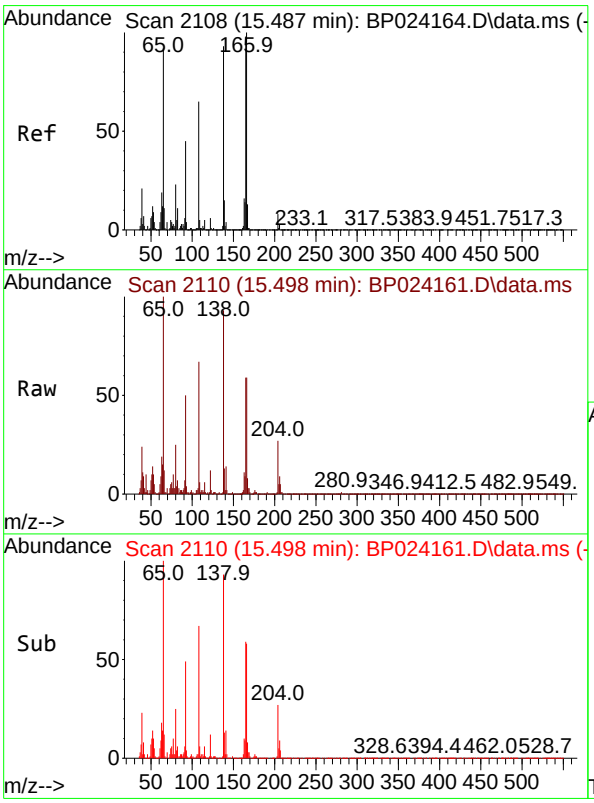
#61
4-Chlorophenyl-phenylether
Concen: 4.724 ng
RT: 15.481 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 131441

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	56.6	45.8	68.8

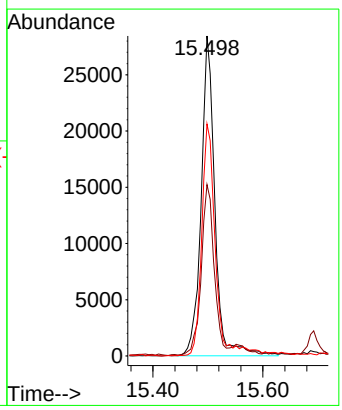


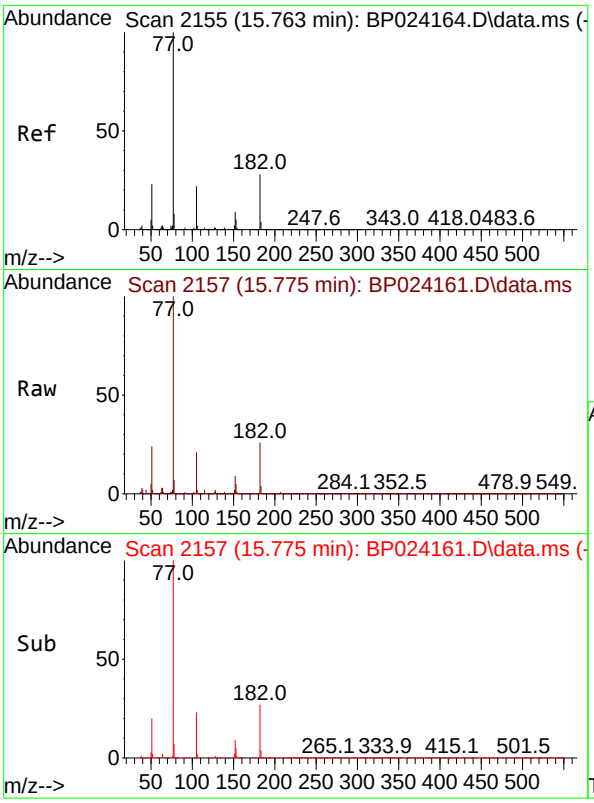


#62
4-Nitroaniline
Concen: 3.871 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:138 Resp: 49239

Ion	Ratio	Lower	Upper
138	100		
92	53.6	28.7	68.7
108	72.5	49.5	89.5



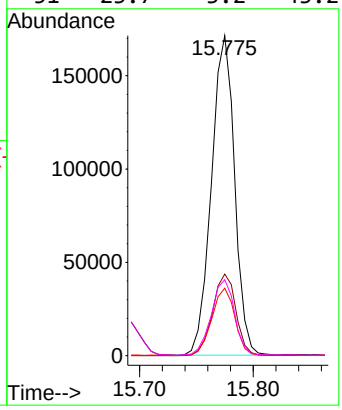


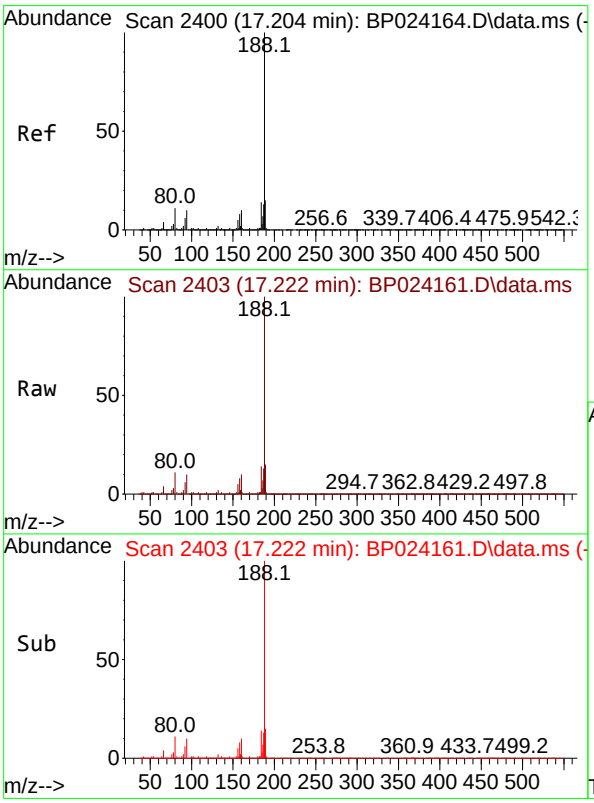
#63
Azobenzene
Concen: 4.628 ng
RT: 15.775 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 242768

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.7	47.7
105	21.1	2.3	42.3
51	23.7	3.2	43.2

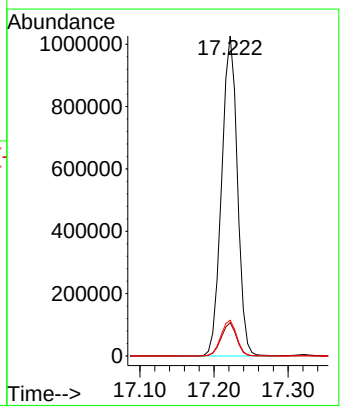


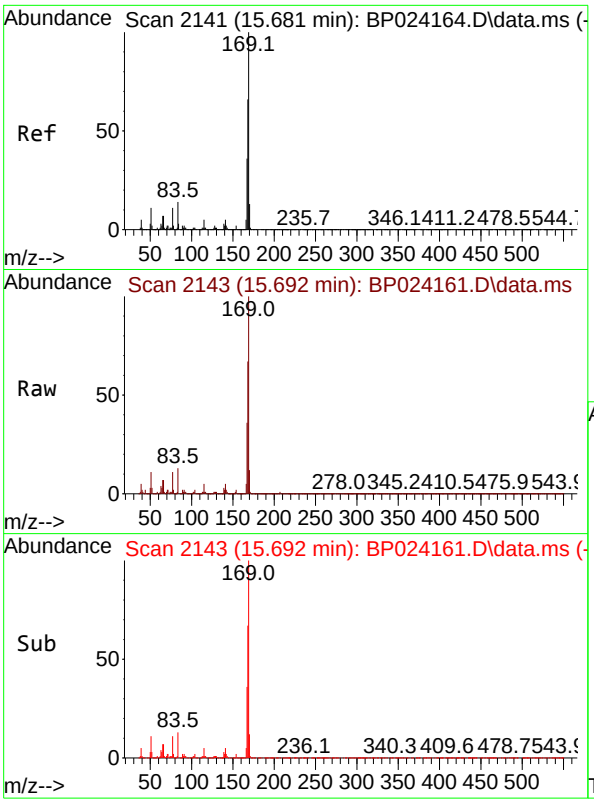


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:188 Resp: 1516956

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.2	8.9	13.3



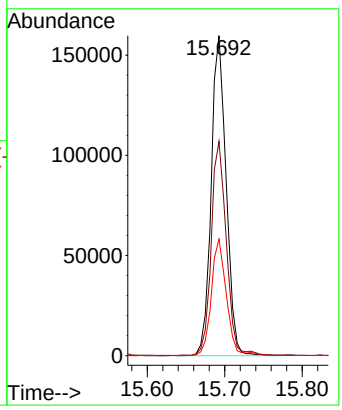


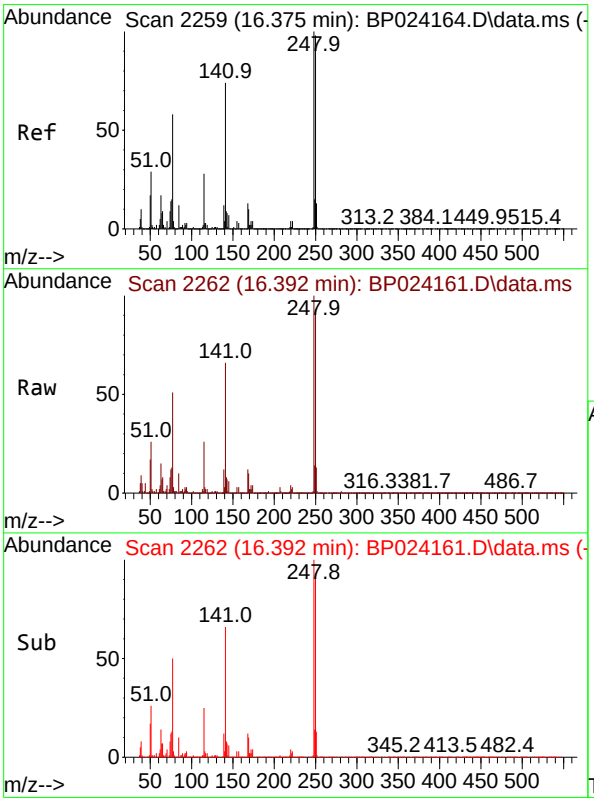
#66
n-Nitrosodiphenylamine
Concen: 4.522 ng
RT: 15.692 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:169 Resp: 213927

Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.9	79.3
167	36.4	28.8	43.2

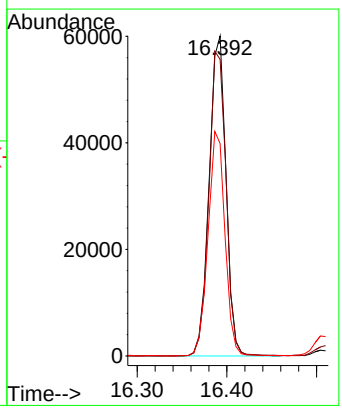


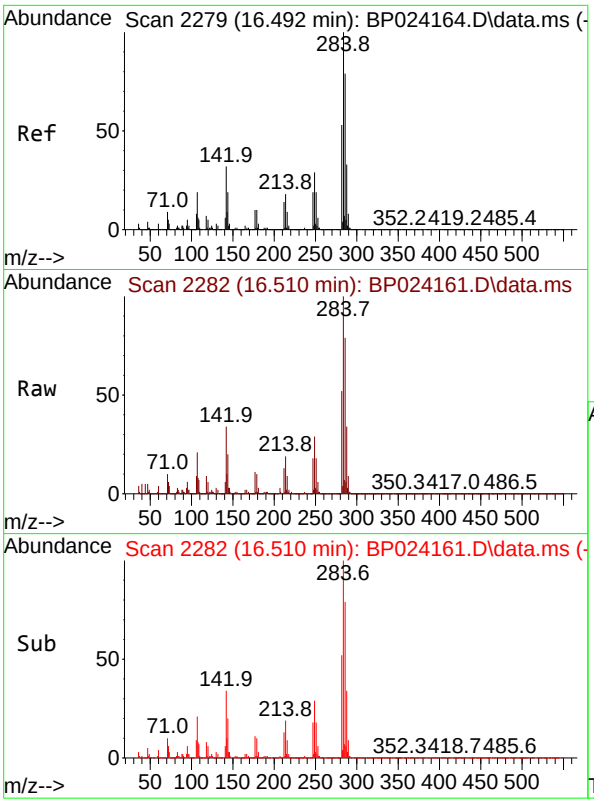


#67
4-Bromophenyl-phenylether
Concen: 4.597 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:248 Resp: 78309

Ion	Ratio	Lower	Upper
248	100		
250	92.7	78.4	117.6
141	66.4	59.4	89.0



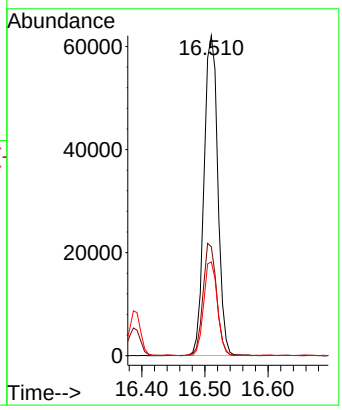


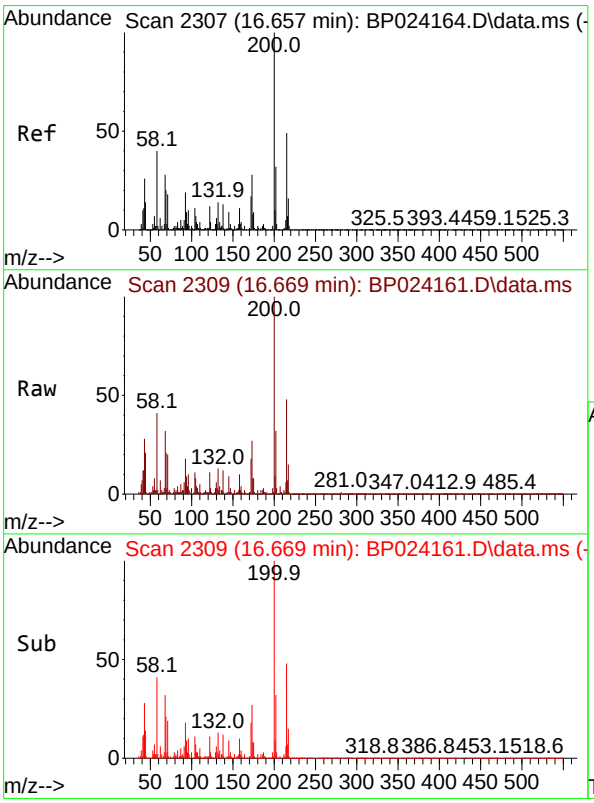
#68
Hexachlorobenzene
Concen: 4.696 ng
RT: 16.510 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 94130

Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.4	38.2
249	29.3	23.5	35.3

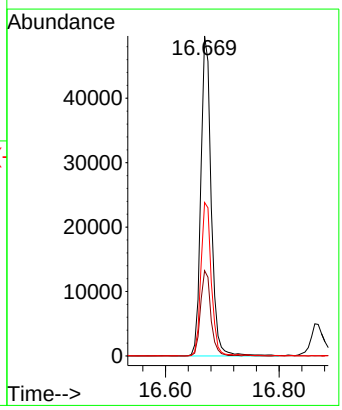


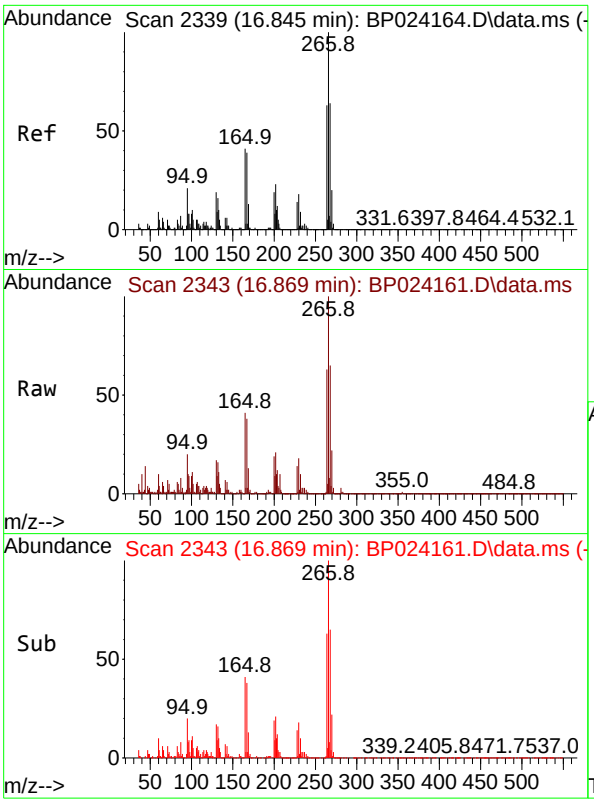


#69
Atrazine
Concen: 5.152 ng
RT: 16.669 min Scan# 2309
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:200 Resp: 62551

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.6	47.6
215	47.9	29.0	69.0



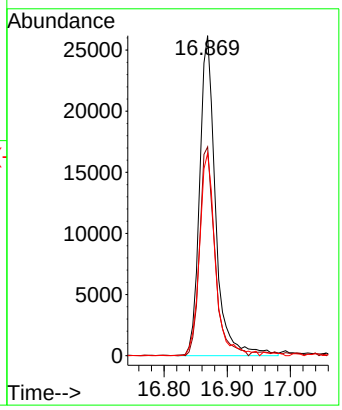


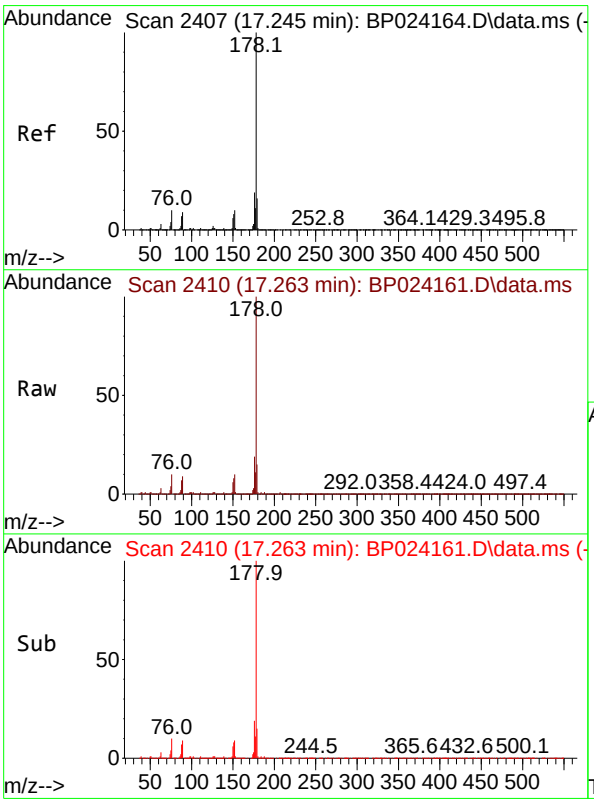
#70
Pentachlorophenol
Concen: 3.525 ng
RT: 16.869 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 45885

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.3	76.9
264	63.3	50.6	76.0

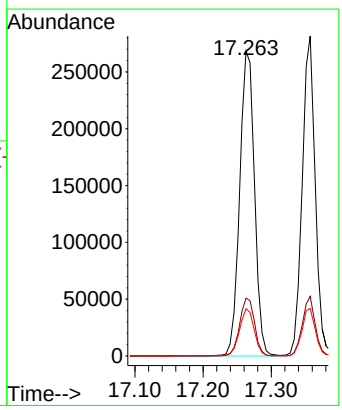


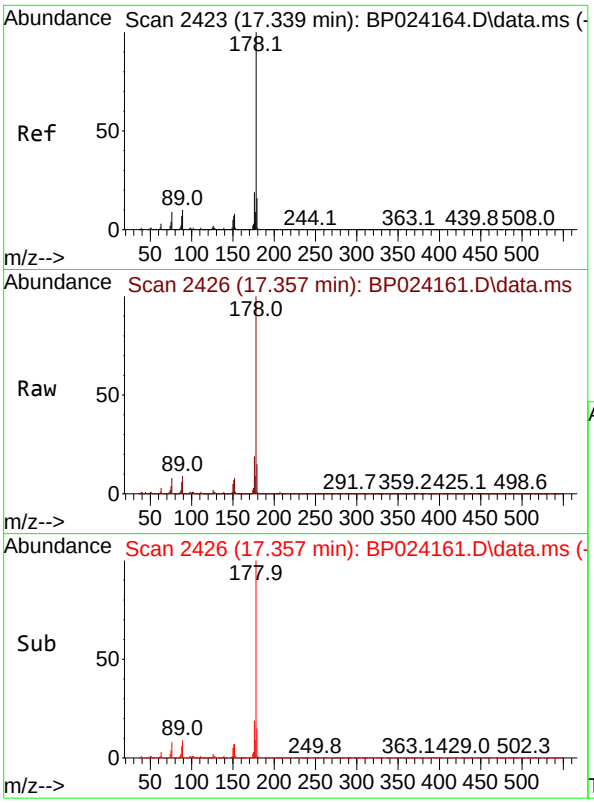


#71
Phenanthrene
Concen: 4.734 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:178 Resp: 404881

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.5	12.5	18.7



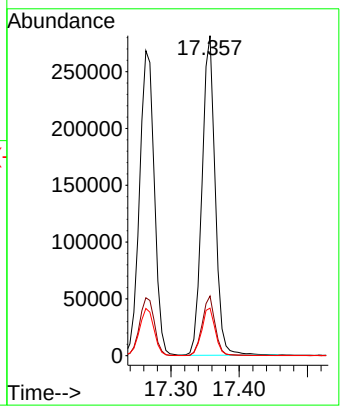


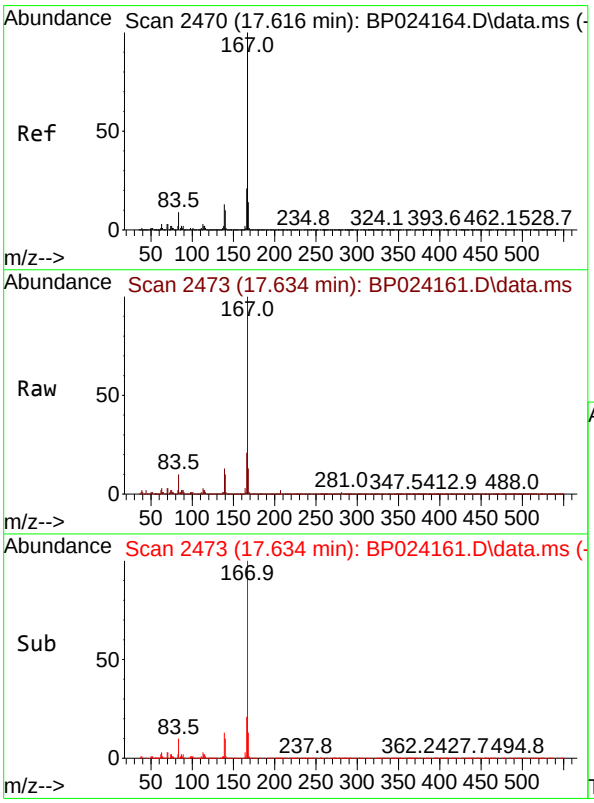
#72
Anthracene
Concen: 4.595 ng
RT: 17.357 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 376601

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	14.8	12.6	18.8

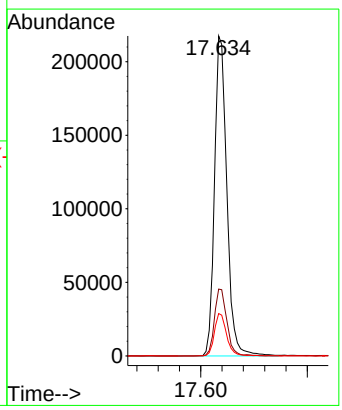


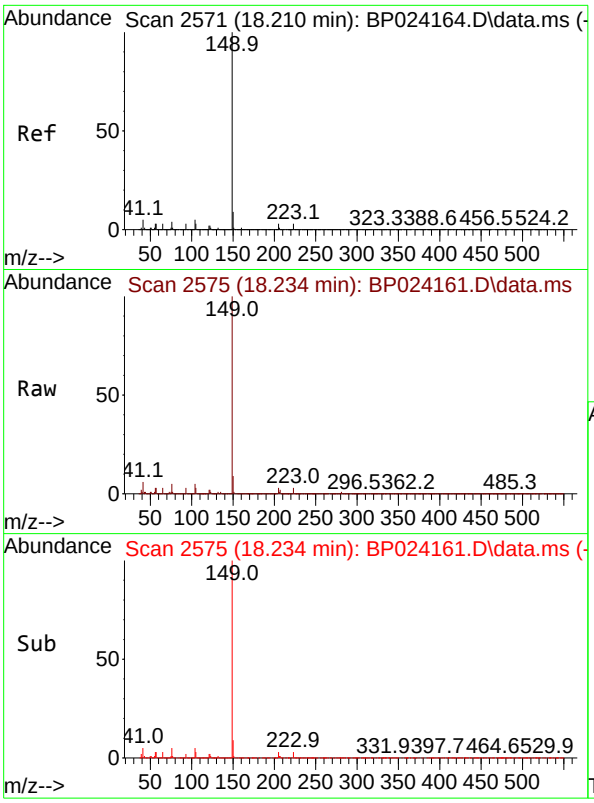


#73
Carbazole
Concen: 4.469 ng
RT: 17.634 min Scan# 2473
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:167 Resp: 349000

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	13.3	10.2	15.4



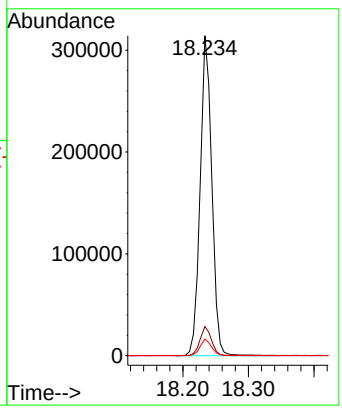


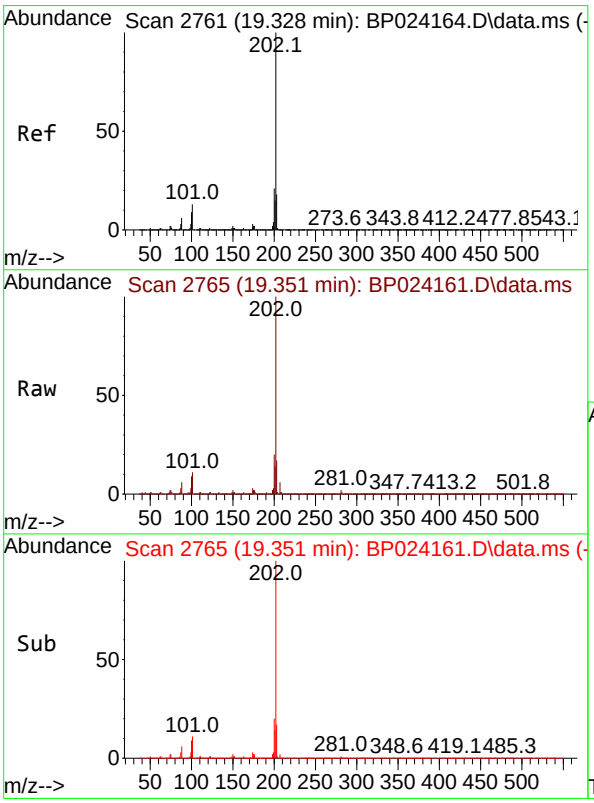
#74
Di-n-butylphthalate
Concen: 4.270 ng
RT: 18.234 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 389057

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.2	3.9	5.9

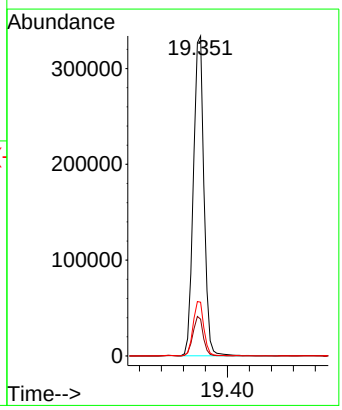


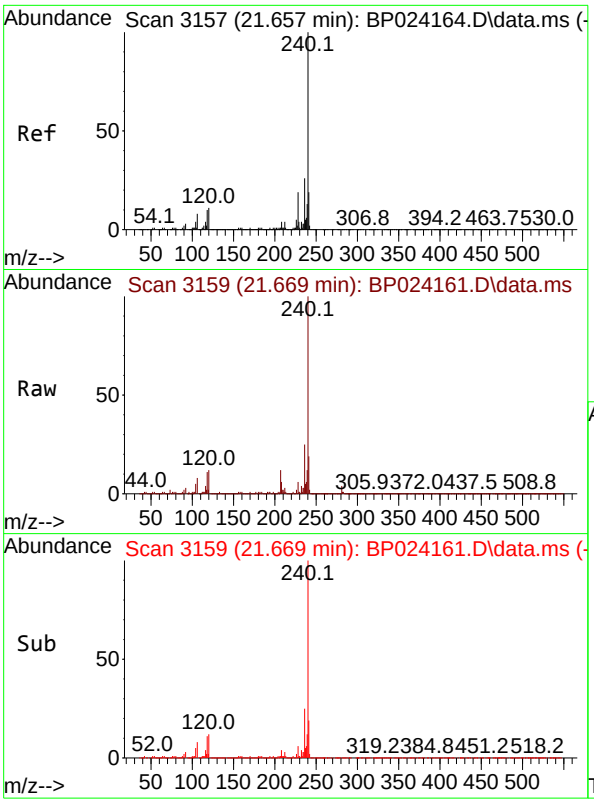


#75
Fluoranthene
Concen: 4.597 ng
RT: 19.351 min Scan# 2765
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:202 Resp: 444670

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	16.8	0.0	37.9



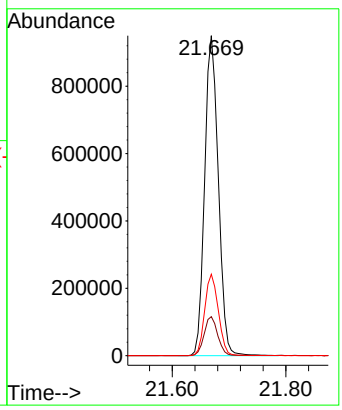


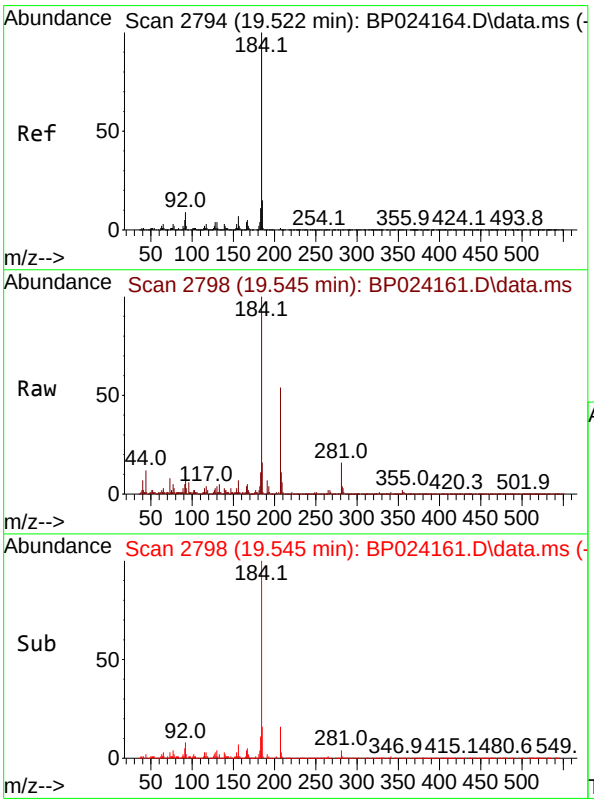
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1578855

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.5	20.4	30.6

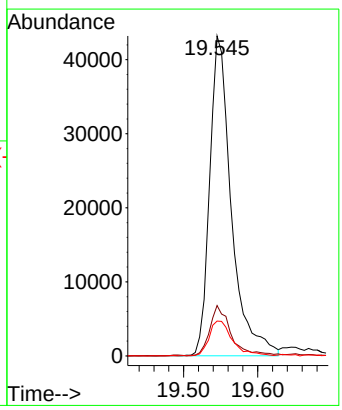


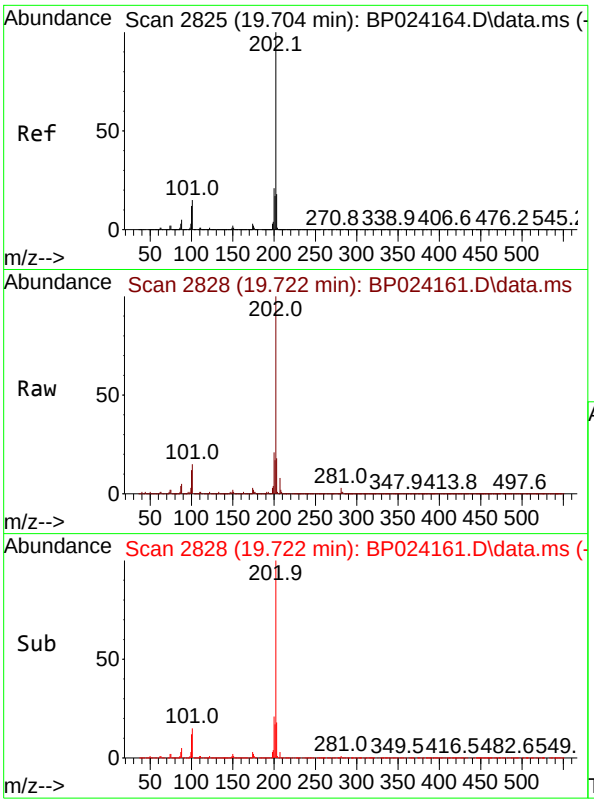


#77
Benzidine
Concen: 4.562 ng
RT: 19.545 min Scan# 2798
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:184 Resp: 87777

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.6
183	10.9	9.1	13.7



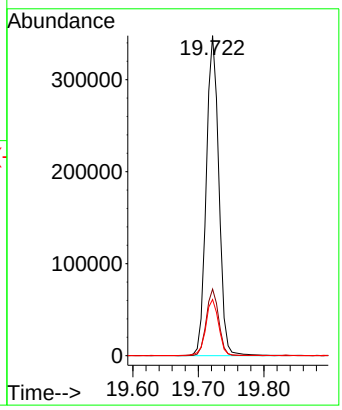


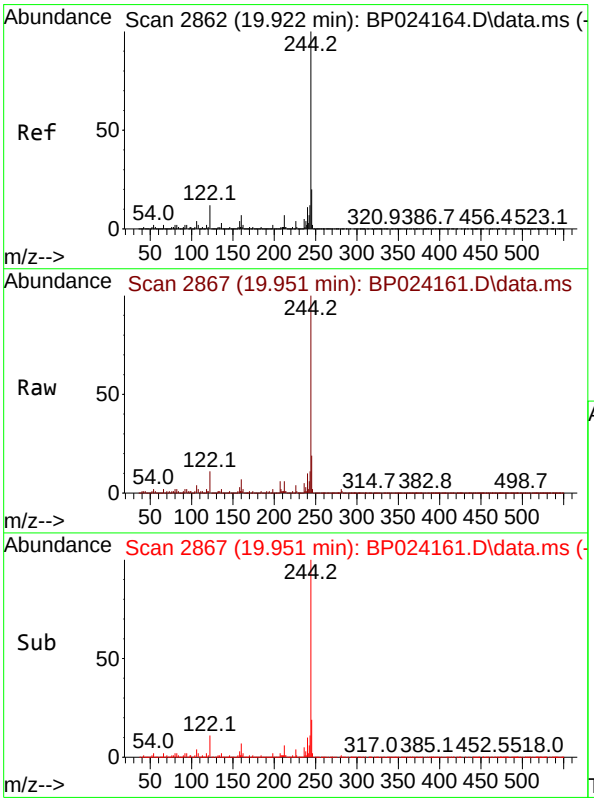
#78
Pyrene
Concen: 4.634 ng
RT: 19.722 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 464704

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.6	14.2	21.4

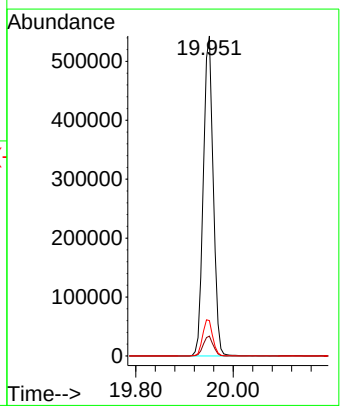


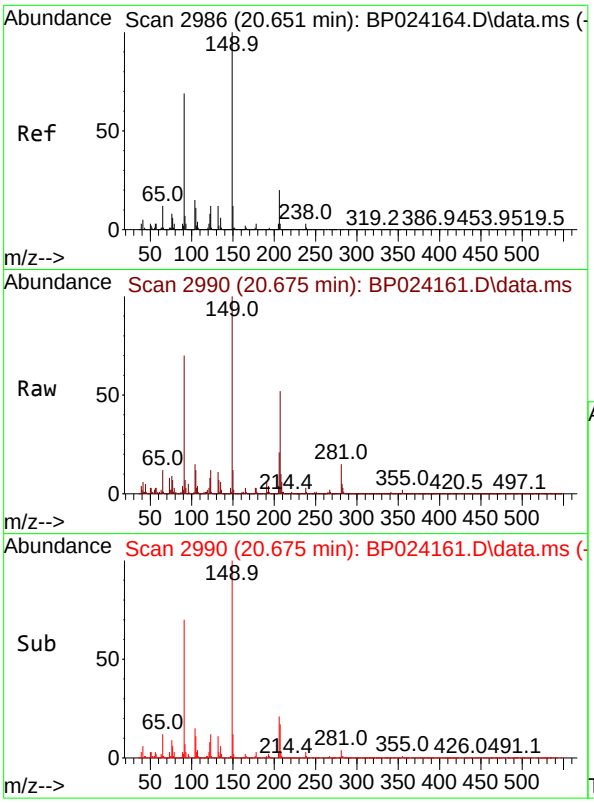


#79
Terphenyl-d14
Concen: 9.563 ng
RT: 19.951 min Scan# 2867
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:244 Resp: 763023

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	11.1	9.6	14.4



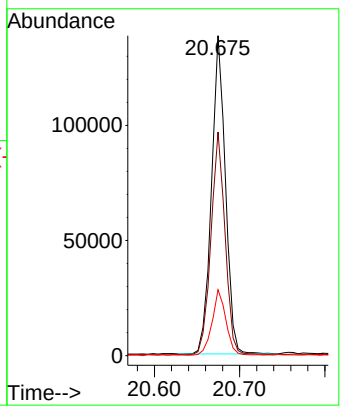


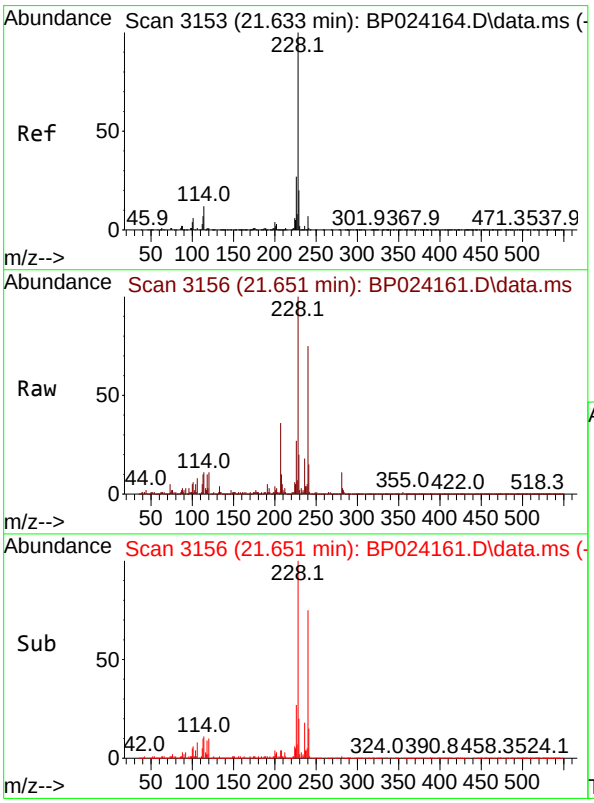
#80
Butylbenzylphthalate
Concen: 4.101 ng
RT: 20.675 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 157601

Ion	Ratio	Lower	Upper
149	100		
91	69.9	55.3	82.9
206	20.6	16.1	24.1

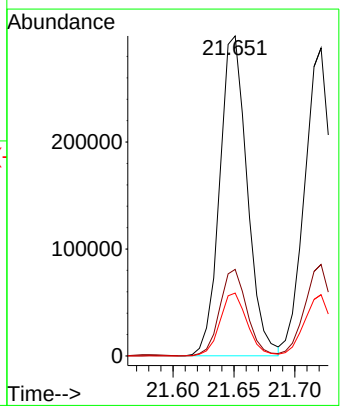


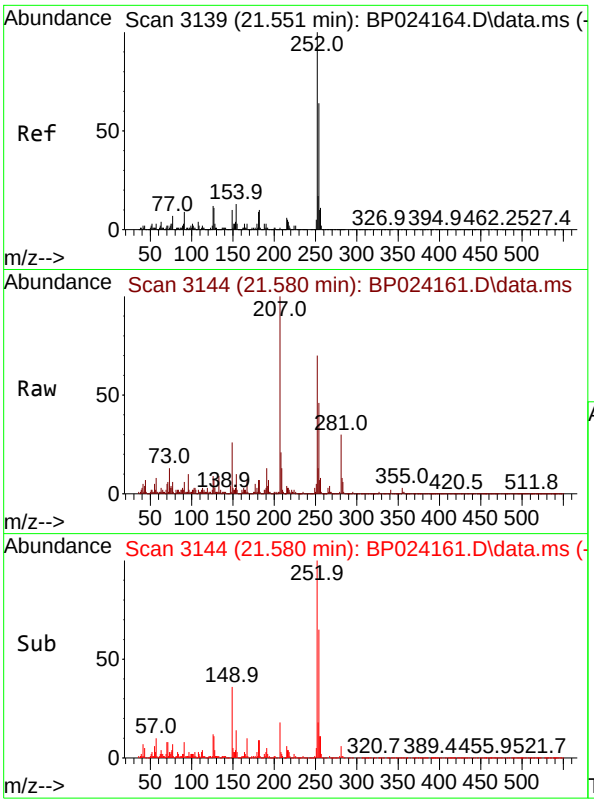


#81
Benzo(a)anthracene
Concen: 4.761 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:228 Resp: 471347

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.6	16.0	24.0



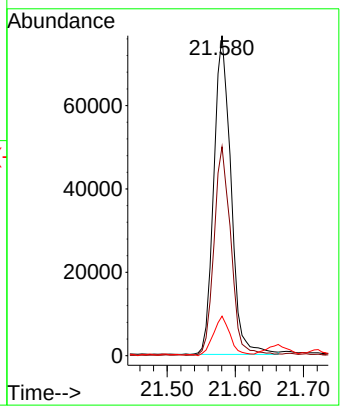


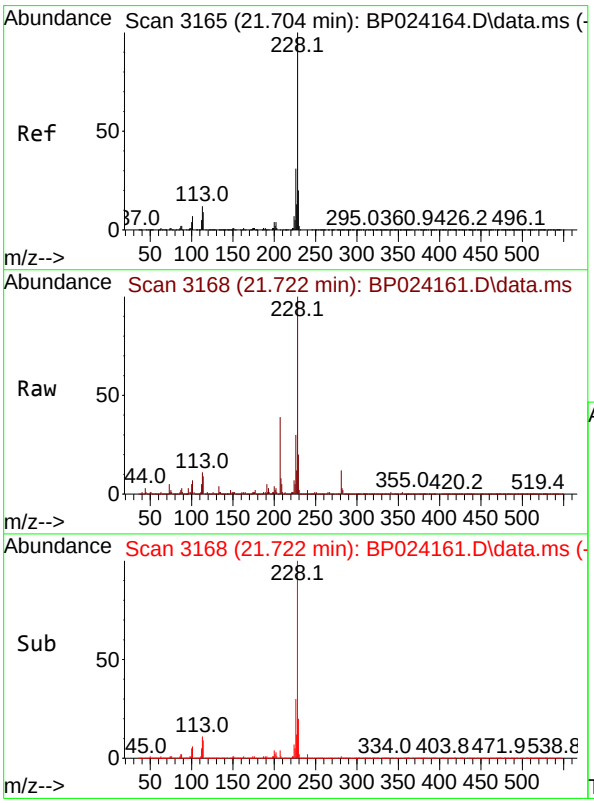
#82
3,3'-Dichlorobenzidine
Concen: 4.336 ng
RT: 21.580 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 134146

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.4	77.2
126	12.4	9.3	13.9

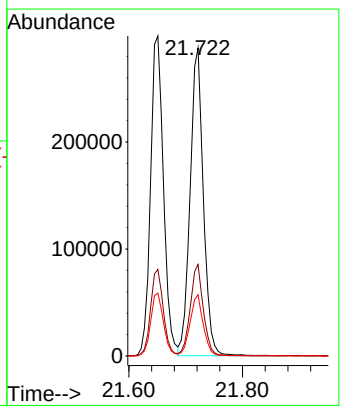


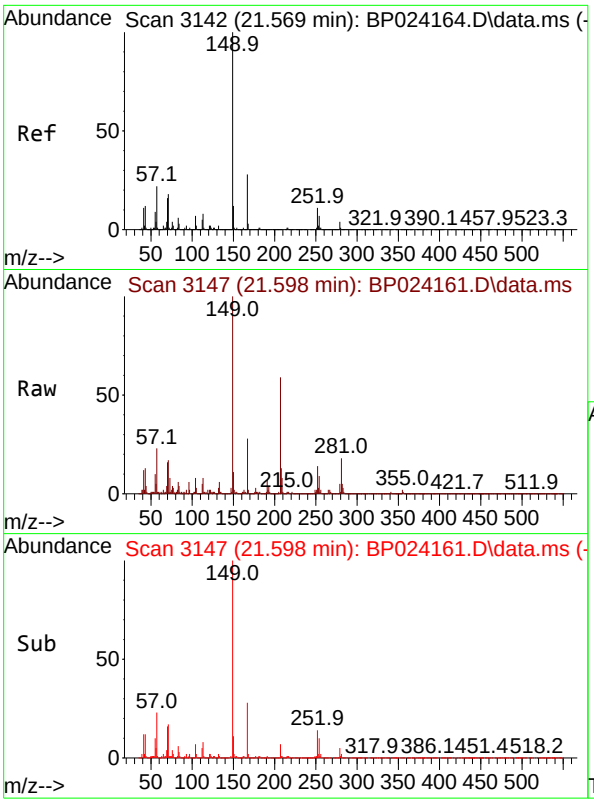


#83
Chrysene
Concen: 4.898 ng
RT: 21.722 min Scan# 3168
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:228 Resp: 467600

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	19.9	16.2	24.2



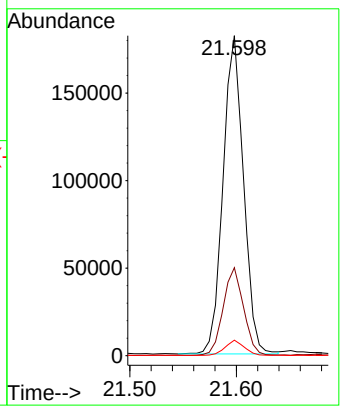


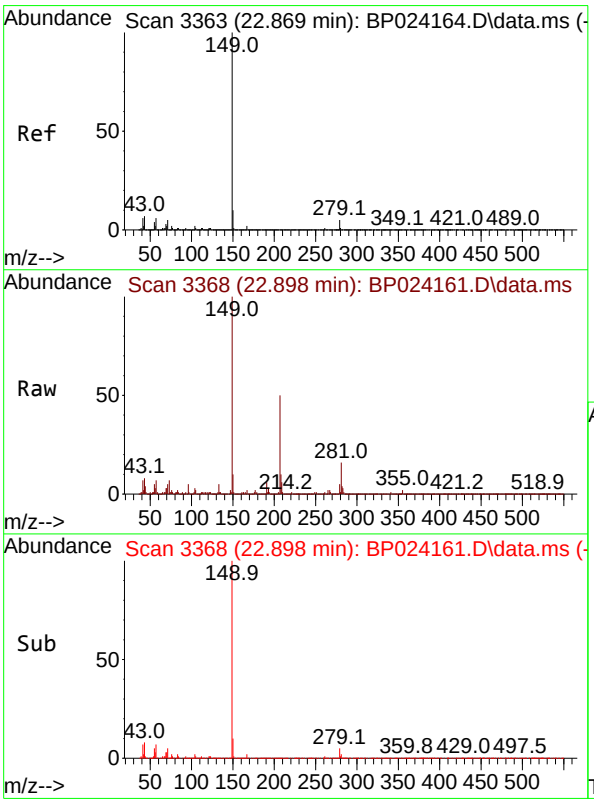
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.153 ng
RT: 21.598 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 242048

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	4.8	3.6	5.4

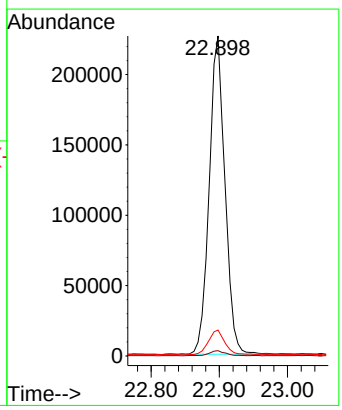


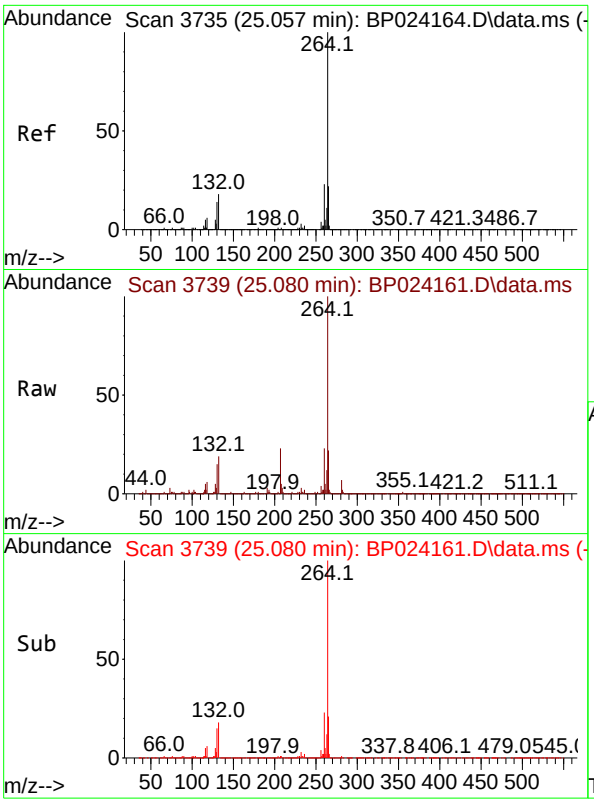


#85
Di-n-octyl phthalate
Concen: 3.905 ng
RT: 22.898 min Scan# 3368
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:149 Resp: 363786

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	5.8	8.8



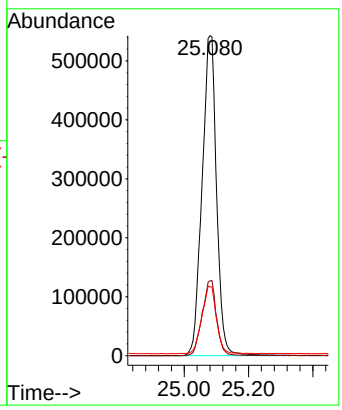


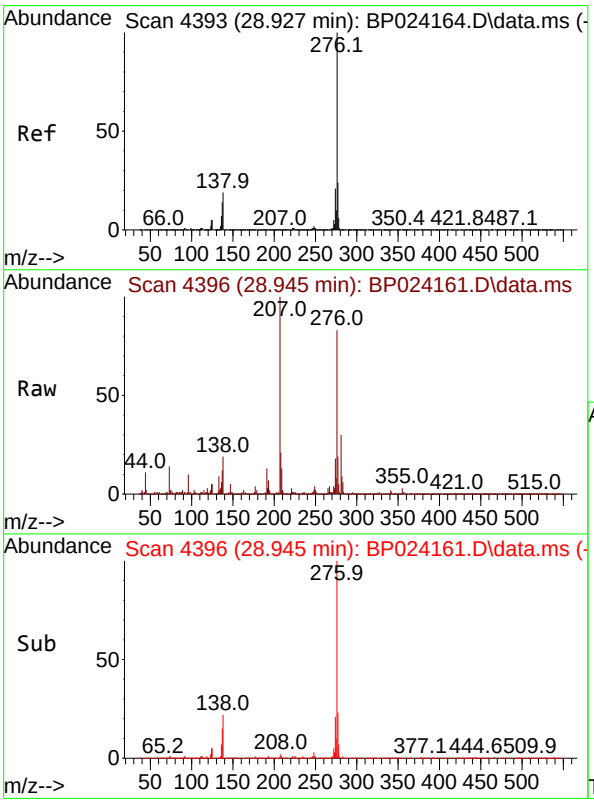
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.080 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 1694453

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.5	17.7	26.5

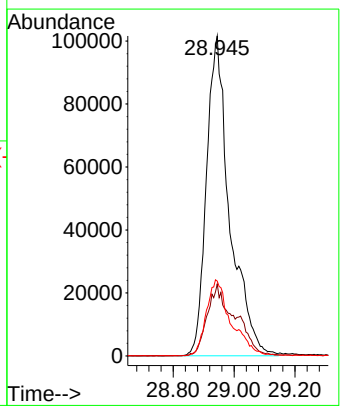


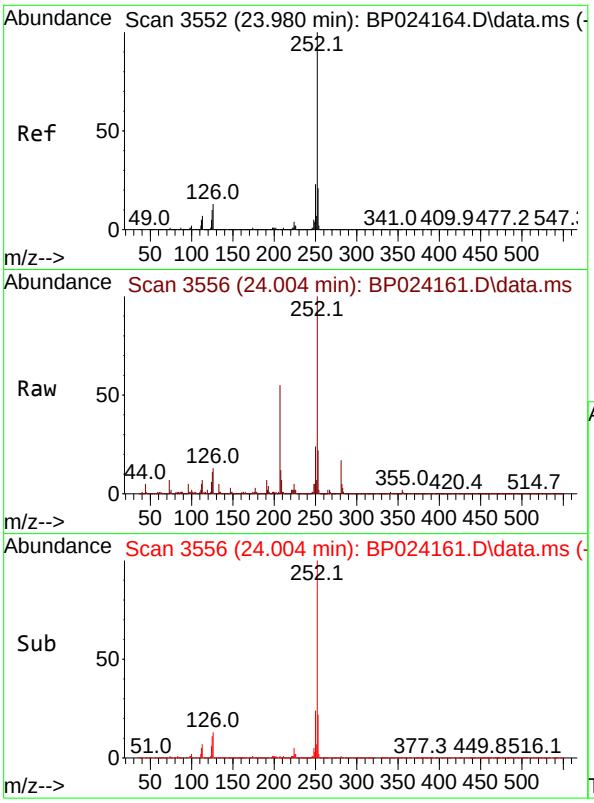


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.476 ng
RT: 28.945 min Scan# 4396
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:276 Resp: 539523

Ion	Ratio	Lower	Upper
276	100		
138	20.0	13.7	20.5
277	25.2	20.2	30.2



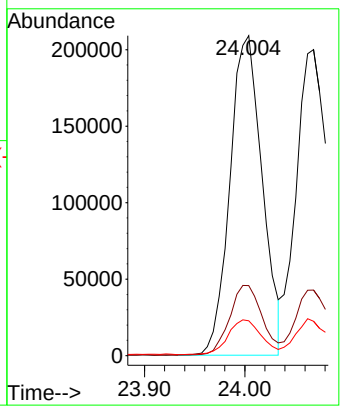


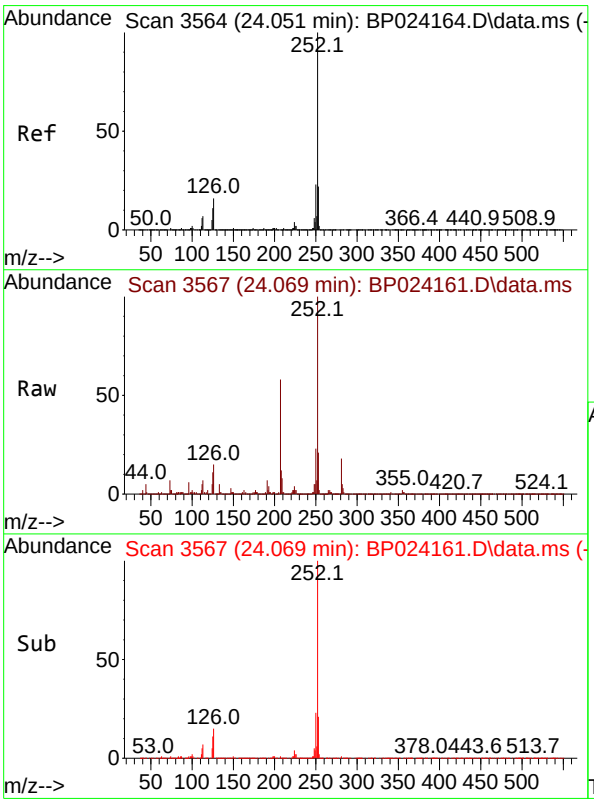
#88
Benzo(b)fluoranthene
Concen: 4.344 ng
RT: 24.004 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 467406

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.9	8.2	12.4

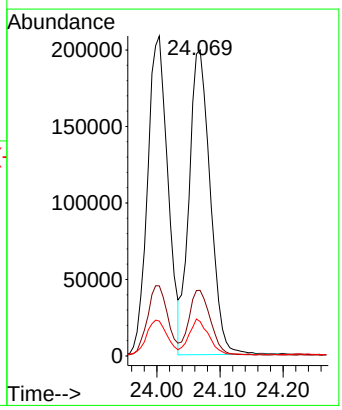


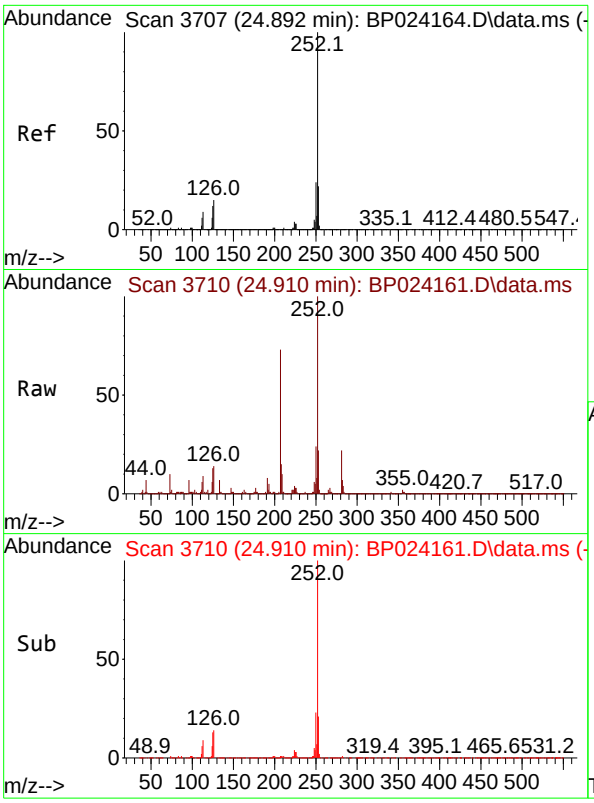


#89
Benzo(k)fluoranthene
Concen: 4.417 ng
RT: 24.069 min Scan# 3567
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:252 Resp: 462653

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.3	9.1	13.7



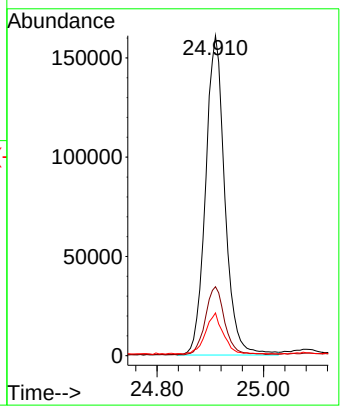


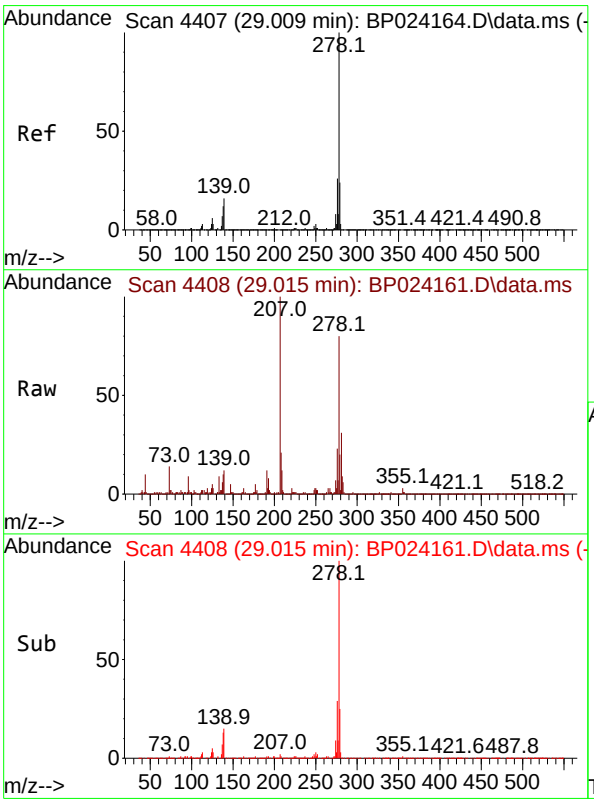
#90
Benzo(a)pyrene
Concen: 4.421 ng
RT: 24.910 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 403692

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	13.4	9.6	14.4

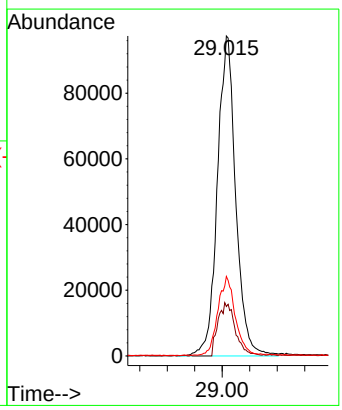


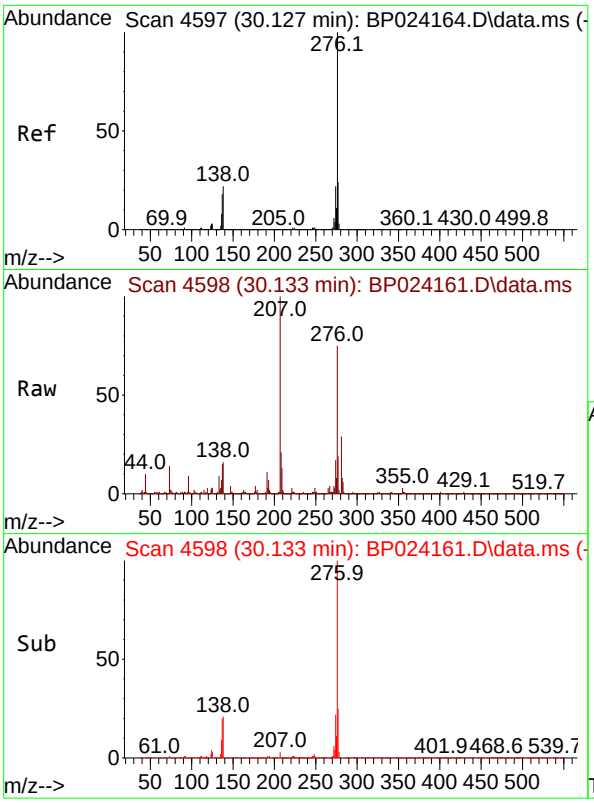


#91
Dibenzo(a,h)anthracene
Concen: 4.444 ng
RT: 29.015 min Scan# 4408
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:278 Resp: 450461

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.8	18.8	28.2



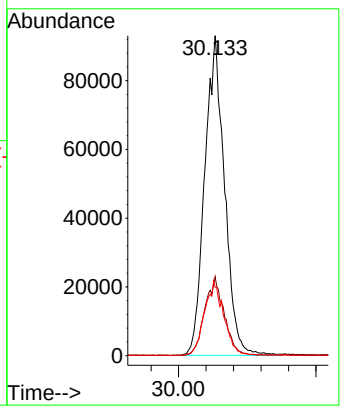


#92
Benzo(g,h,i)perylene
Concen: 4.518 ng
RT: 30.133 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 464721

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	21.4	17.4	26.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024162.D
Acq On : 12 Mar 2025 17:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Mar 13 04:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	350891	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1459823	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	878356	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1659965	20.000	ng		0.00
76) Chrysene-d12	21.680	240	1774754	20.000	ng		0.02
86) Perylene-d12	25.074	264	1895165	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	419093	18.636	ng		0.00
7) Phenol-d6	6.946	99	554588	19.188	ng		0.00
23) Nitrobenzene-d5	8.916	82	493399	18.856	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	195393	18.161	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1192744	18.984	ng		0.00
79) Terphenyl-d14	19.939	244	1726609	19.251	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	87630	9.934	ng		99
3) Pyridine	3.723	79	222685	9.709	ng		99
4) n-Nitrosodimethylamine	3.623	42	76580	9.413	ng	#	93
6) Aniline	7.105	93	268532	10.145	ng		99
8) 2-Chlorophenol	7.340	128	229815	9.655	ng		99
9) Benzaldehyde	6.922	77	166528	12.620	ng		99
10) Phenol	6.975	94	286246	9.849	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	231087	10.095	ng		98
12) 1,3-Dichlorobenzene	7.658	146	254039	9.715	ng		99
13) 1,4-Dichlorobenzene	7.805	146	258553	9.777	ng		100
14) 1,2-Dichlorobenzene	8.122	146	250124	9.856	ng		100
15) Benzyl Alcohol	8.005	79	169563	9.584	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	239855	10.794	ng		99
17) 2-Methylphenol	8.211	107	174913	9.876	ng		99
18) Hexachloroethane	8.840	117	89894	9.439	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	167789	10.797	ng		98
20) 3+4-Methylphenols	8.534	107	238685	9.906	ng		97
22) Acetophenone	8.581	105	357738	9.536	ng	#	99
24) Nitrobenzene	8.958	77	245585	9.536	ng		96
25) Isophorone	9.481	82	410357	9.590	ng		100
26) 2-Nitrophenol	9.669	139	103123	8.692	ng		98
27) 2,4-Dimethylphenol	9.728	122	144292	9.265	ng		99
28) bis(2-Chloroethoxy)met...	9.957	93	304956	9.838	ng		99
29) 2,4-Dichlorophenol	10.199	162	192263	9.046	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	227800	9.355	ng		98
31) Naphthalene	10.599	128	756826	9.642	ng		99
32) Benzoic acid	9.816	122	108330	7.587	ng		94
33) 4-Chloroaniline	10.705	127	260033	9.404	ng		98
34) Hexachlorobutadiene	10.887	225	130104	9.224	ng		98
35) Caprolactam	11.481	113	57479	8.931	ng		96
36) 4-Chloro-3-methylphenol	11.840	107	206744	9.462	ng		98
37) 2-Methylnaphthalene	12.210	142	498967	9.564	ng		99
38) 1-Methylnaphthalene	12.434	142	491304	9.680	ng		100
40) 1,2,4,5-Tetrachloroben...	12.581	216	246009	9.116	ng		100
41) Hexachlorocyclopentadiene	12.557	237	82803	8.245	ng		100
43) 2,4,6-Trichlorophenol	12.822	196	142353	8.649	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024162.D
Acq On : 12 Mar 2025 17:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Mar 13 04:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

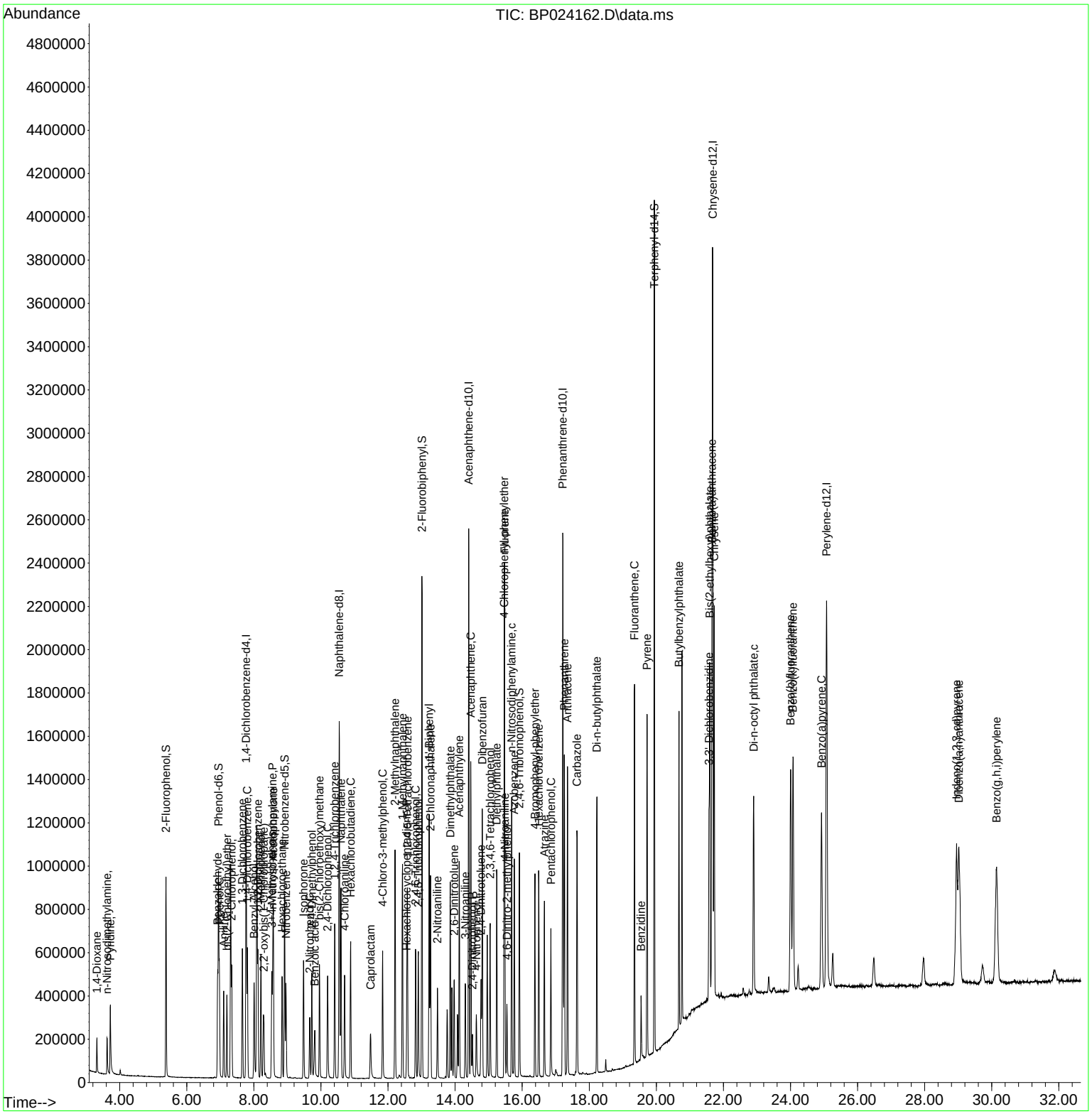
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	159135	8.841	ng		98
46) 1,1'-Biphenyl	13.228	154	647980	9.494	ng		99
47) 2-Chloronaphthalene	13.269	162	483199	9.365	ng		98
48) 2-Nitroaniline	13.475	65	110660	9.079	ng		94
49) Acenaphthylene	14.122	152	714937	9.405	ng		99
50) Dimethylphthalate	13.857	163	592520	9.563	ng		100
51) 2,6-Dinitrotoluene	13.975	165	116661	9.243	ng		95
52) Acenaphthene	14.469	154	463749	9.473	ng		99
53) 3-Nitroaniline	14.304	138	121229	9.001	ng		90
54) 2,4-Dinitrophenol	14.516	184	47409	7.053	ng		94
55) Dibenzofuran	14.810	168	769059	9.671	ng		99
56) 4-Nitrophenol	14.634	139	95936	8.246	ng		92
57) 2,4-Dinitrotoluene	14.775	165	146673	8.946	ng		93
58) Fluorene	15.475	166	589720	9.495	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	141666	9.071	ng		99
60) Diethylphthalate	15.240	149	586933	9.543	ng		100
61) 4-Chlorophenyl-phenyle...	15.463	204	289728	9.478	ng		99
62) 4-Nitroaniline	15.487	138	128152	9.169	ng		99
63) Azobenzene	15.763	77	549569	9.535	ng		97
65) 4,6-Dinitro-2-methylph...	15.545	198	70717	7.361	ng		92
66) n-Nitrosodiphenylamine	15.687	169	484111	9.352	ng		98
67) 4-Bromophenyl-phenylether	16.381	248	171620	9.207	ng		97
68) Hexachlorobenzene	16.492	284	206475	9.414	ng		98
69) Atrazine	16.663	200	142226	10.706	ng		99
70) Pentachlorophenol	16.857	266	116455	8.175	ng		100
71) Phenanthrene	17.257	178	878834	9.391	ng		99
72) Anthracene	17.351	178	839953	9.366	ng		99
73) Carbazole	17.634	167	809266	9.471	ng		99
74) Di-n-butylphthalate	18.228	149	930693	9.335	ng		99
75) Fluoranthene	19.351	202	1012600	9.566	ng		98
77) Benzidine	19.545	184	176282	8.151	ng		99
78) Pyrene	19.722	202	1056004	9.367	ng		99
80) Butylbenzylphthalate	20.675	149	390890	9.049	ng		99
81) Benzo(a)anthracene	21.657	228	1059397	9.520	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	327195	9.409	ng		99
83) Chrysene	21.727	228	1028579	9.585	ng		98
84) Bis(2-ethylhexyl)phtha...	21.592	149	601388	9.181	ng		99
85) Di-n-octyl phthalate	22.904	149	916941	8.757	ng		99
87) Indeno(1,2,3-cd)pyrene	28.951	276	1221650	9.061	ng	#	93
88) Benzo(b)fluoranthene	24.004	252	1057737	8.789	ng		99
89) Benzo(k)fluoranthene	24.074	252	1076560	9.190	ng		99
90) Benzo(a)pyrene	24.927	252	908542	8.896	ng		99
91) Dibenzo(a,h)anthracene	29.021	278	1026140	9.052	ng		99
92) Benzo(g,h,i)perylene	30.145	276	1049241	9.121	ng		99

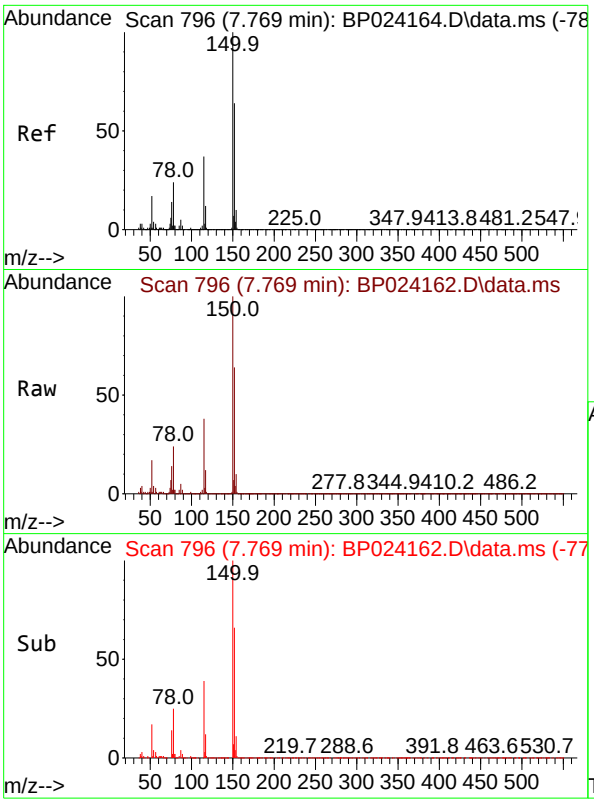
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024162.D
Acq On : 12 Mar 2025 17:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Mar 13 04:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



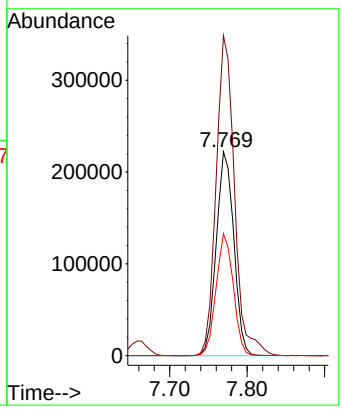


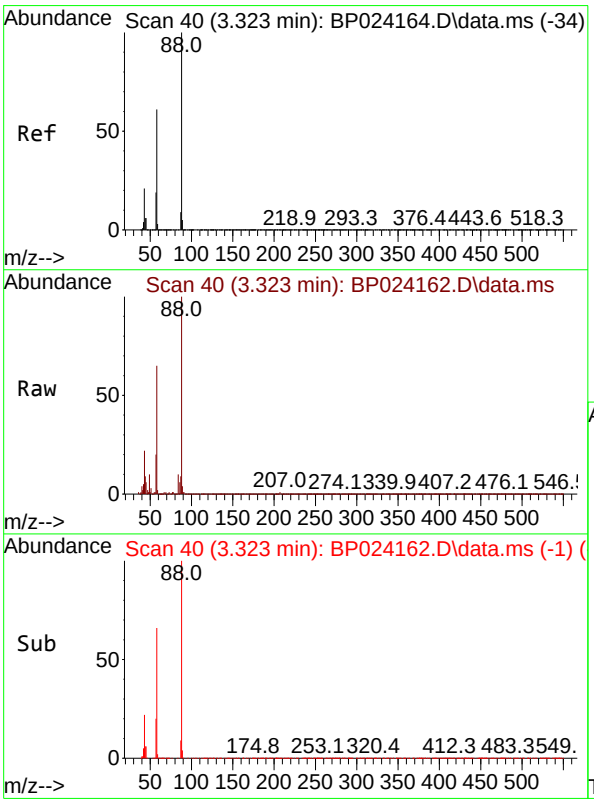
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 350891

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.5	188.3
115	59.8	46.3	69.5

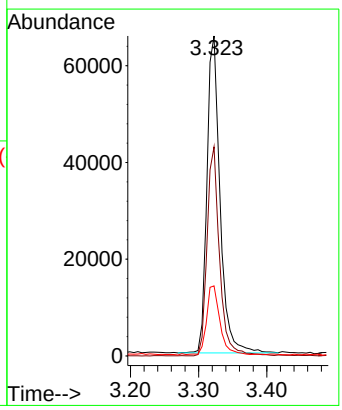


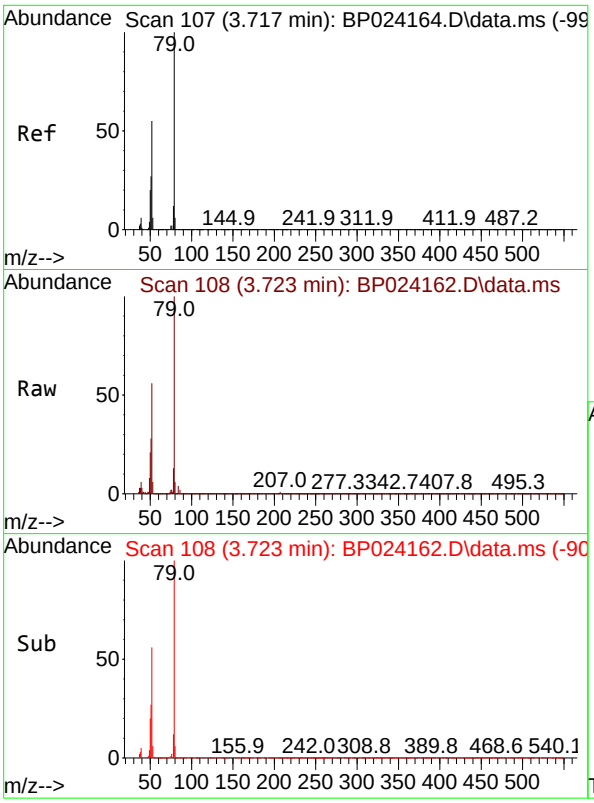


#2
1,4-Dioxane
Concen: 9.934 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 88 Resp: 87630

Ion	Ratio	Lower	Upper
88	100		
58	62.8	49.8	74.6
43	21.8	17.3	25.9



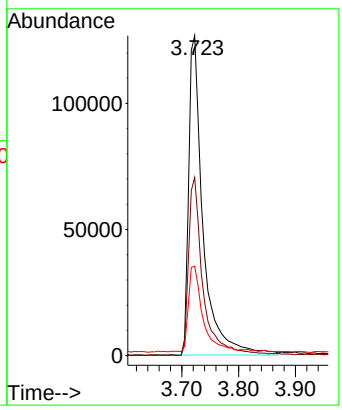


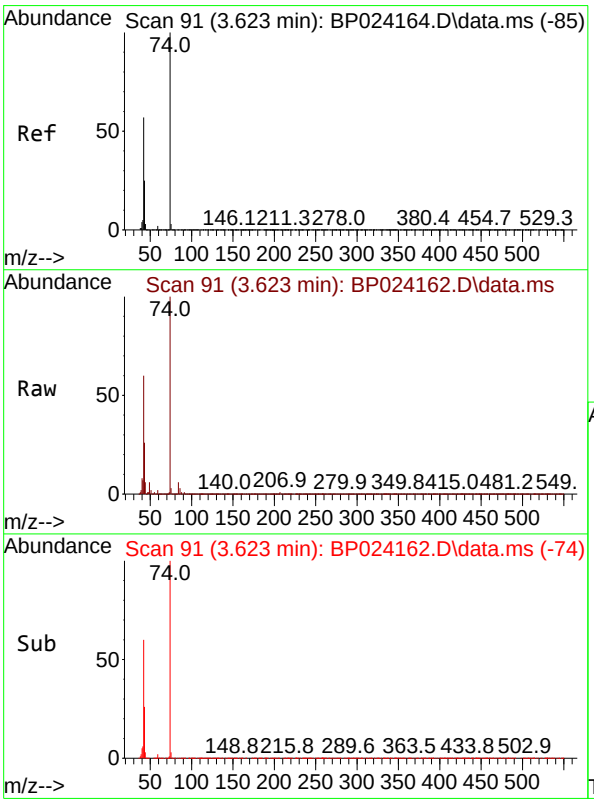
#3
Pyridine
Concen: 9.709 ng
RT: 3.723 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 222685

Ion	Ratio	Lower	Upper
79	100		
52	55.7	43.8	65.8
51	28.0	21.6	32.4

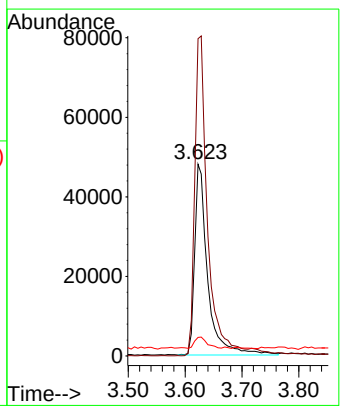


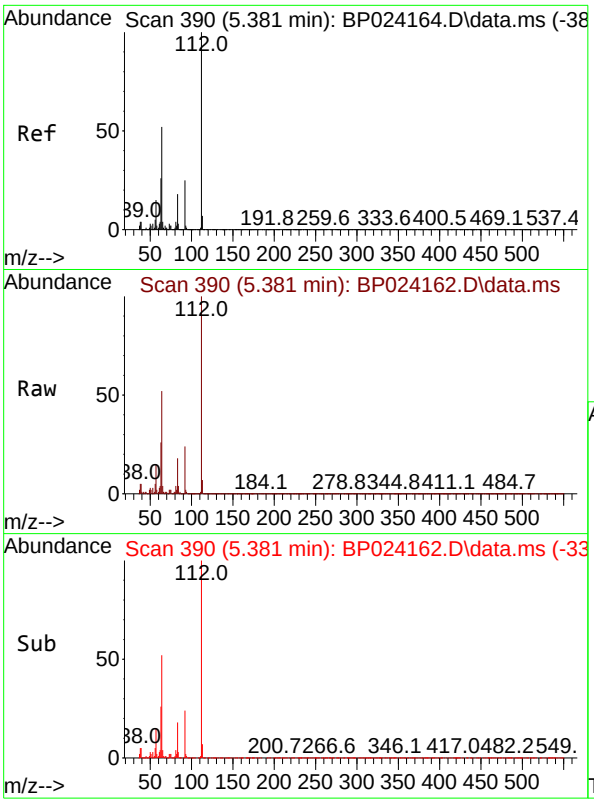


#4
n-Nitrosodimethylamine
Concen: 9.413 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 42 Resp: 76580

Ion	Ratio	Lower	Upper
42	100		
74	165.6	139.8	209.6
44	9.7	5.3	7.9#



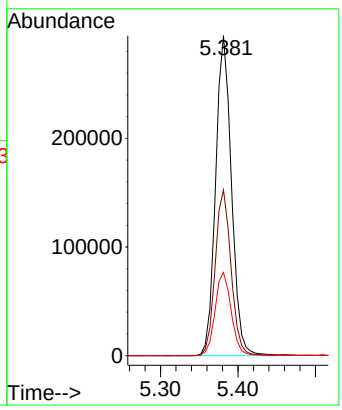


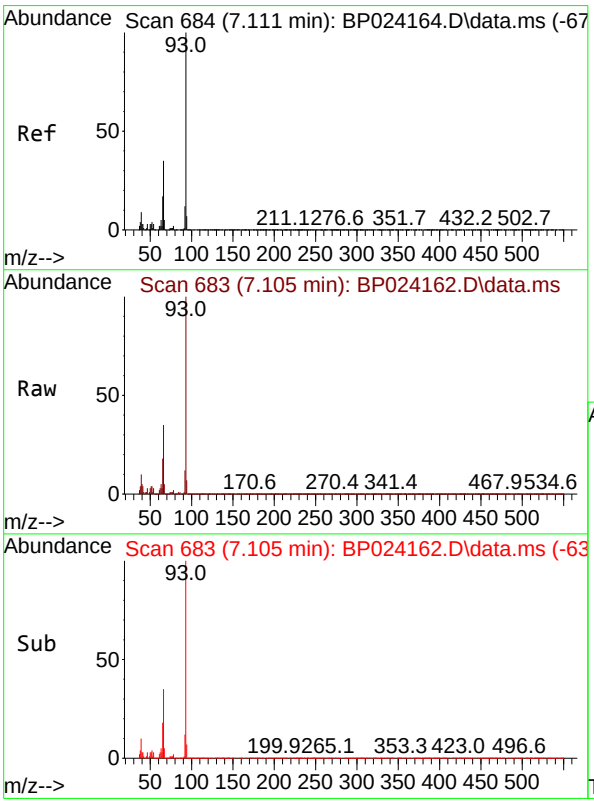
#5
2-Fluorophenol
Concen: 18.636 ng
RT: 5.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 419093

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.3	61.9
63	26.0	20.6	31.0

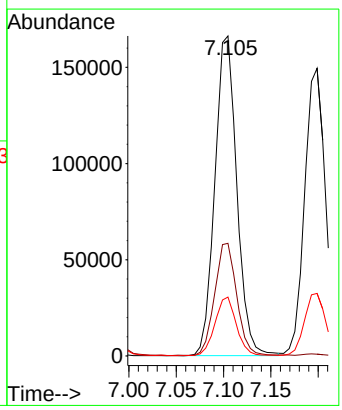


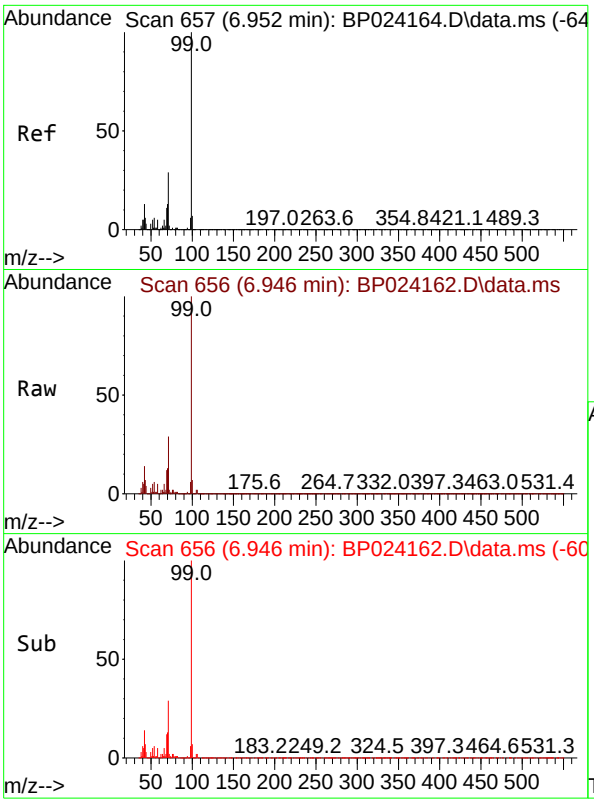


#6
Aniline
Concen: 10.145 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 93 Resp: 268532

Ion	Ratio	Lower	Upper
93	100		
66	35.2	28.2	42.2
65	18.4	14.0	21.0



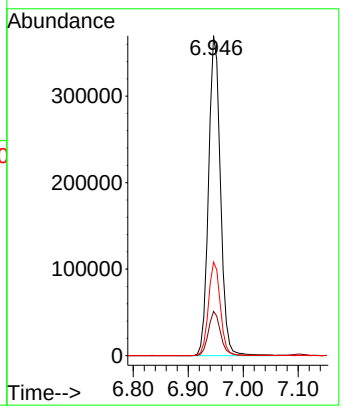


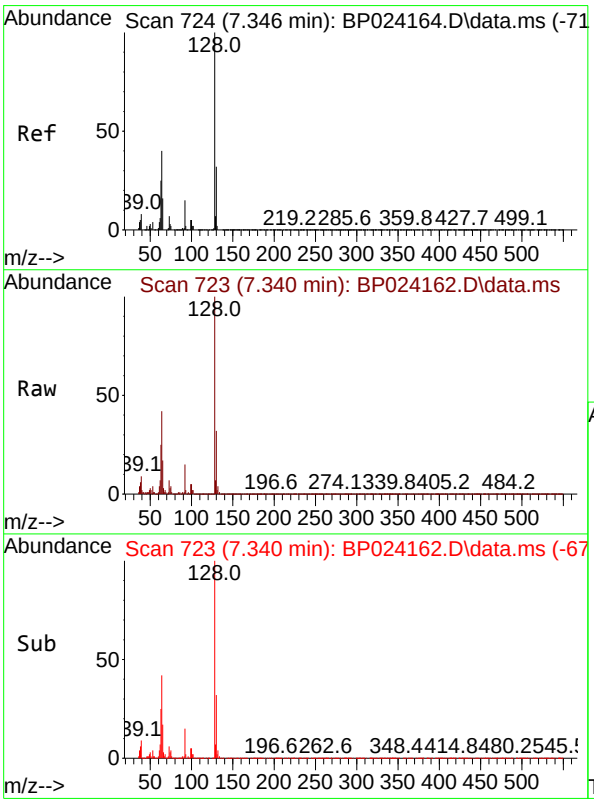
#7
Phenol-d6
Concen: 19.188 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 554588

Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.6	16.0
71	29.3	23.3	34.9

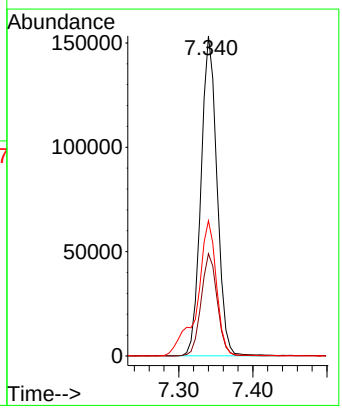


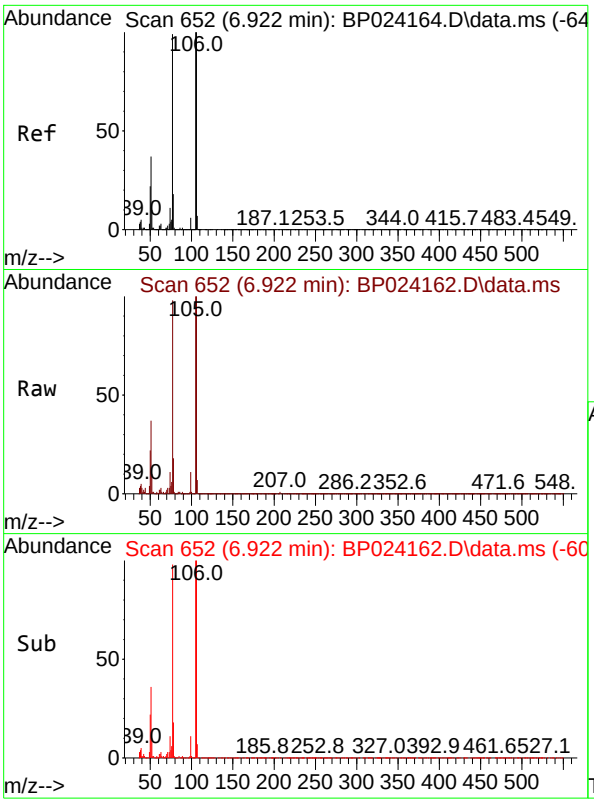


#8
2-Chlorophenol
Concen: 9.655 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:128 Resp: 229815

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.0	52.0
64	42.2	21.6	61.6



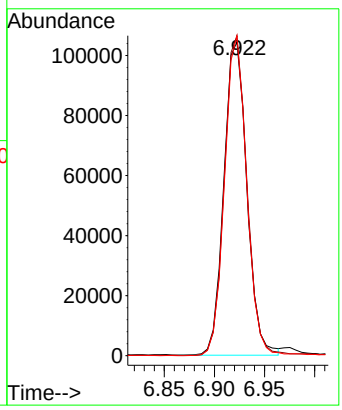


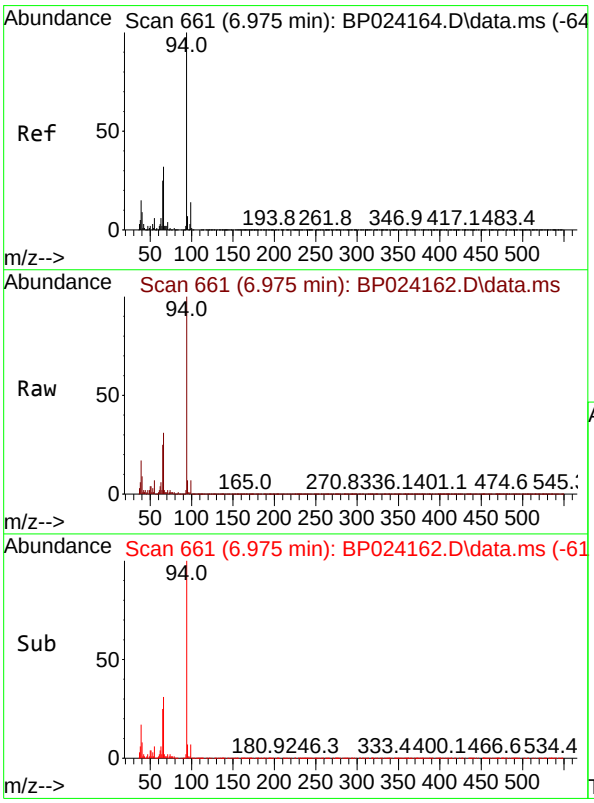
#9
Benzaldehyde
Concen: 12.620 ng
RT: 6.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 166528

Ion	Ratio	Lower	Upper
77	100		
105	102.0	81.4	121.4
106	101.9	81.1	121.1

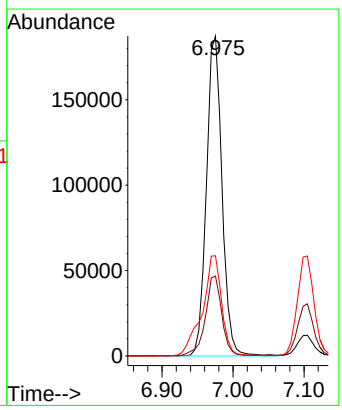


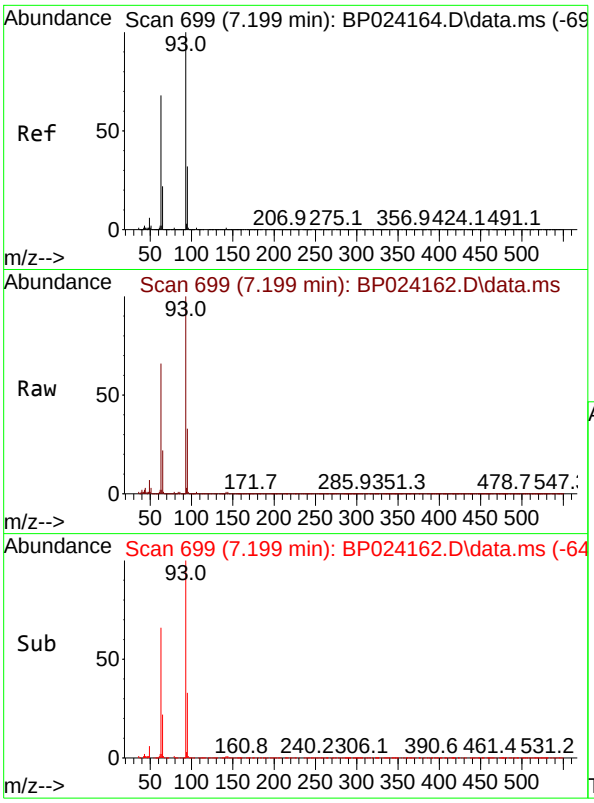


#10
Phenol
Concen: 9.849 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 94 Resp: 286246

Ion	Ratio	Lower	Upper
94	100		
65	25.0	4.9	44.9
66	31.3	11.9	51.9



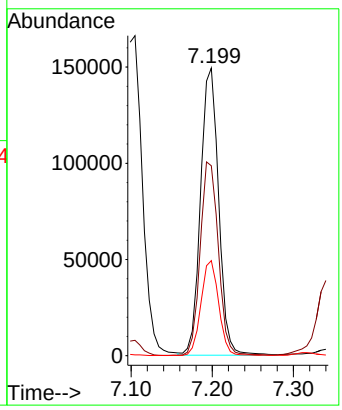


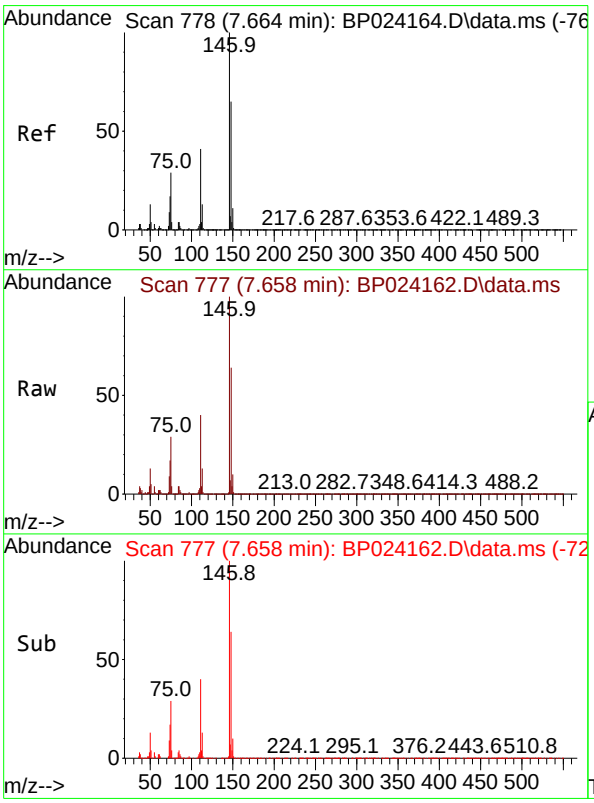
#11
bis(2-Chloroethyl)ether
Concen: 10.095 ng
RT: 7.199 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 231087

Ion	Ratio	Lower	Upper
93	100		
63	66.0	47.4	87.4
95	33.0	12.1	52.1

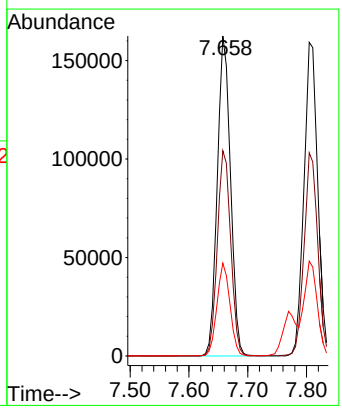


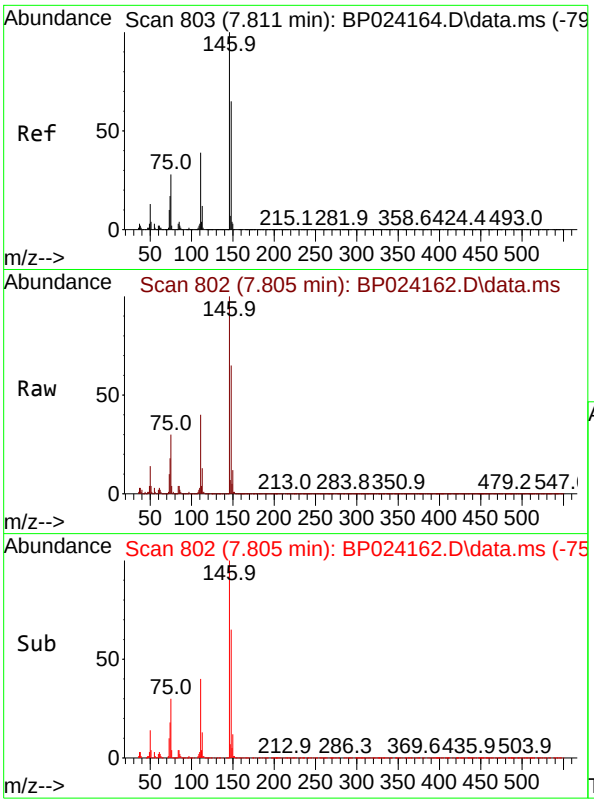


#12
1,3-Dichlorobenzene
Concen: 9.715 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:146 Resp: 254039

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
75	29.0	22.8	34.2



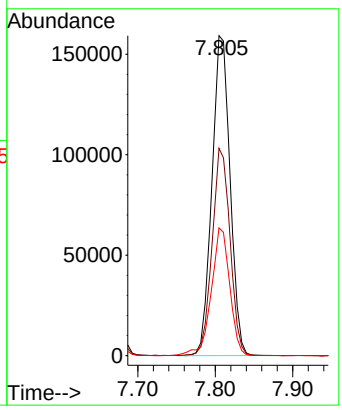


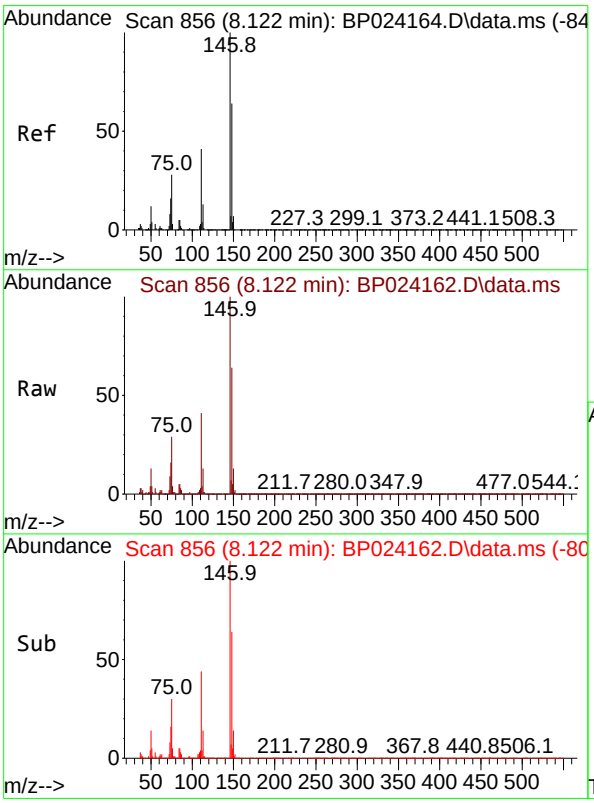
#13
1,4-Dichlorobenzene
Concen: 9.777 ng
RT: 7.805 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 258553

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	39.9	31.4	47.2

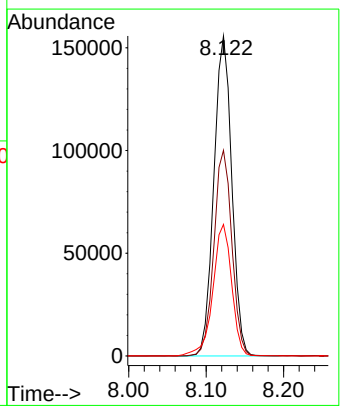


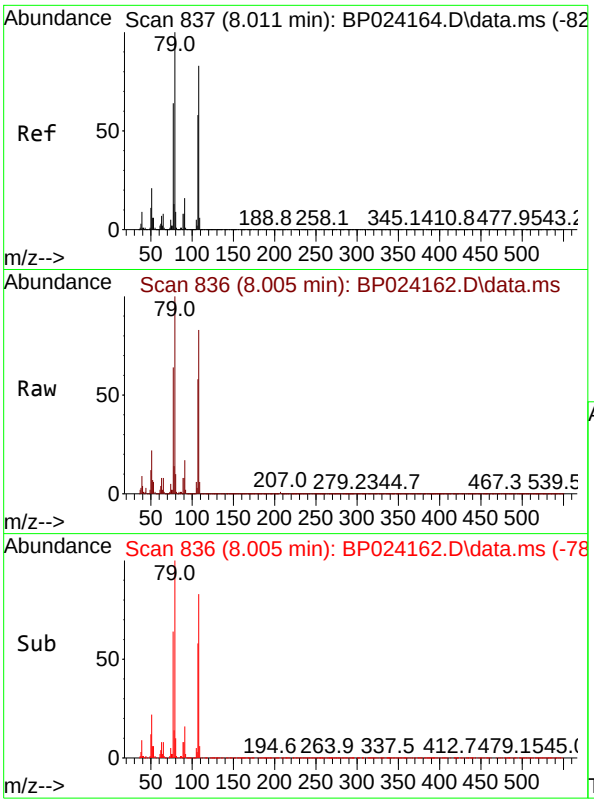


#14
1,2-Dichlorobenzene
Concen: 9.856 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:146 Resp: 250124

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	41.1	33.2	49.8



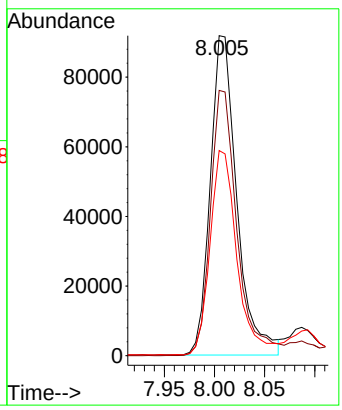


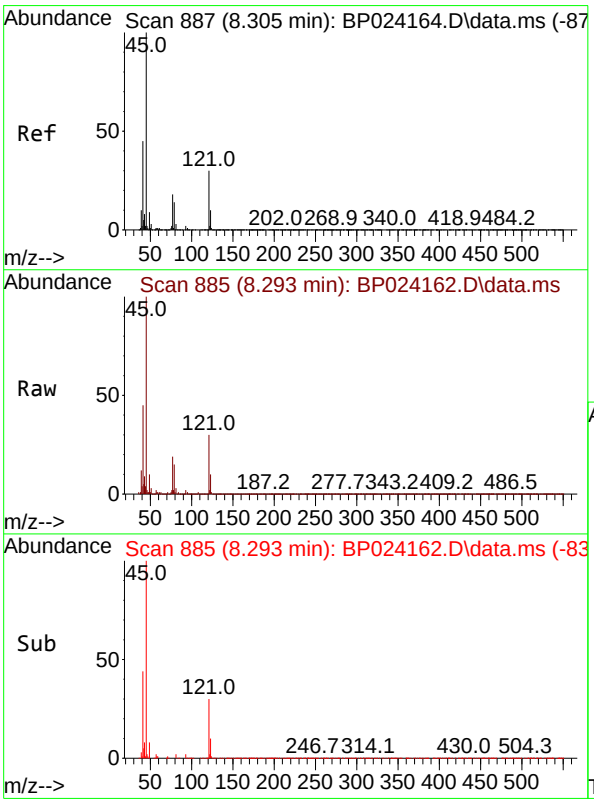
#15
Benzyl Alcohol
Concen: 9.584 ng
RT: 8.005 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 169563

Ion	Ratio	Lower	Upper
79	100		
108	82.9	66.5	99.7
77	64.1	50.9	76.3

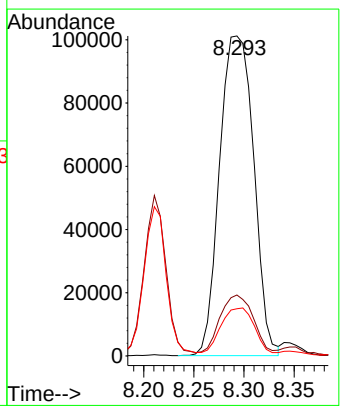


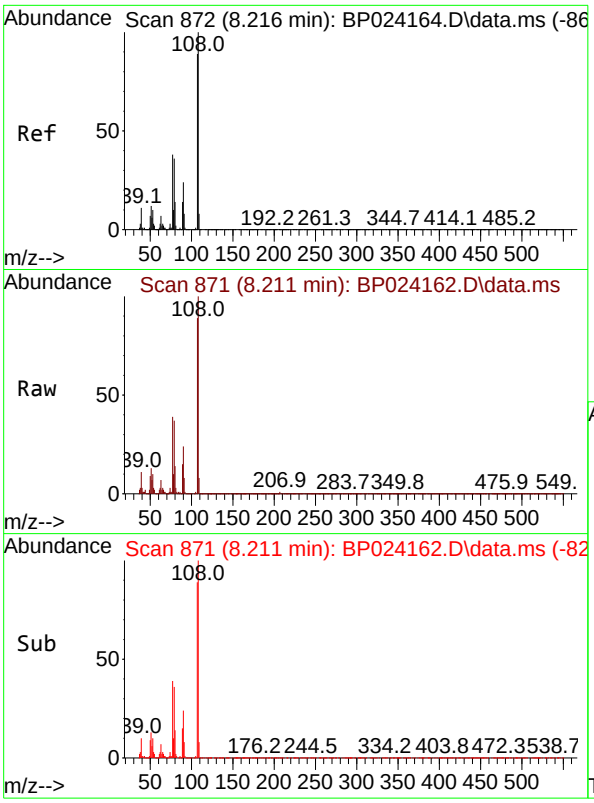


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.794 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 45 Resp: 239855

Ion	Ratio	Lower	Upper
45	100		
77	19.1	0.0	39.0
79	14.8	0.0	35.6



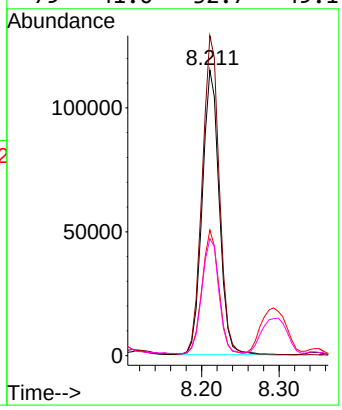


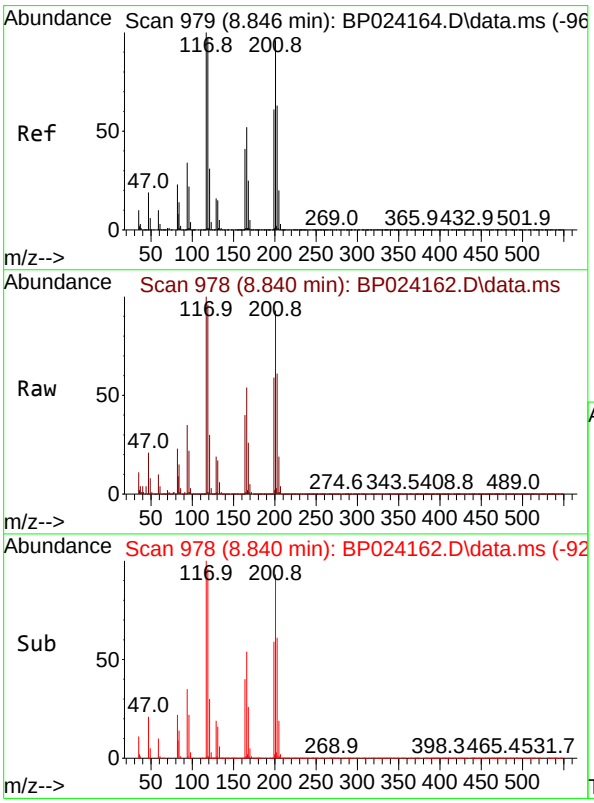
#17
2-Methylphenol
Concen: 9.876 ng
RT: 8.211 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 174913

Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	44.0	34.0	51.0
79	41.0	32.7	49.1

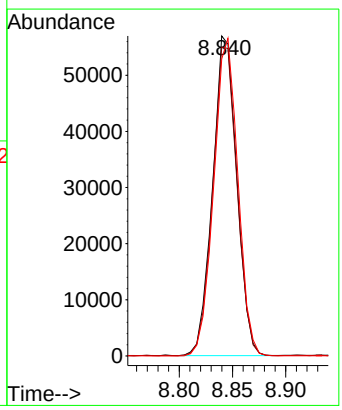


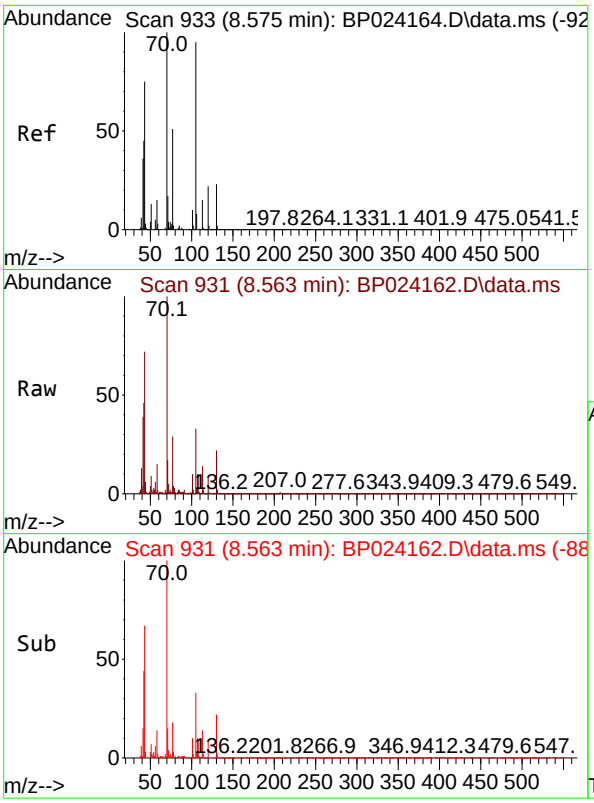


#18
Hexachloroethane
Concen: 9.439 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:117 Resp: 89894

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	92.8	76.6	114.8



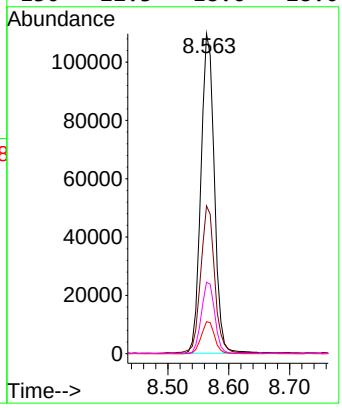


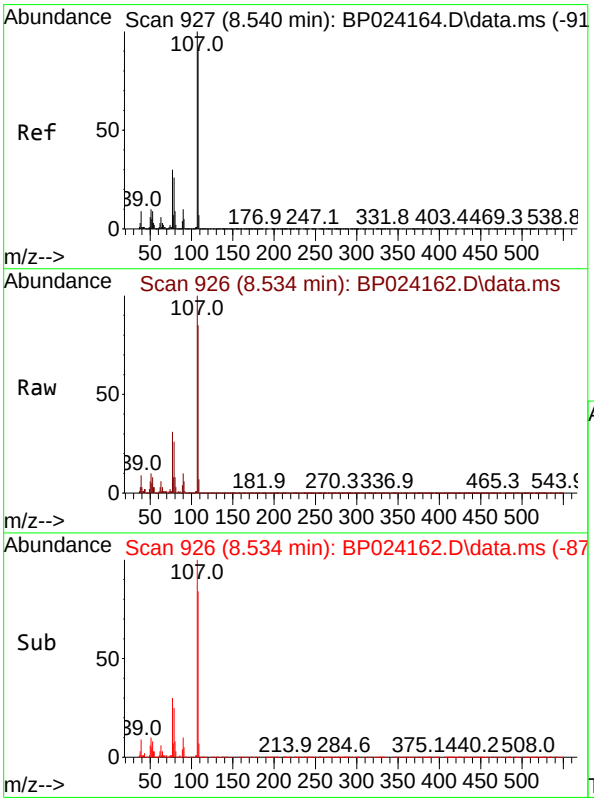
#19
n-Nitroso-di-n-propylamine
Concen: 10.797 ng
RT: 8.563 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 167789

Ion	Ratio	Lower	Upper
70	100		
42	46.2	36.0	54.0
101	10.0	8.3	12.5
130	22.3	18.6	28.0

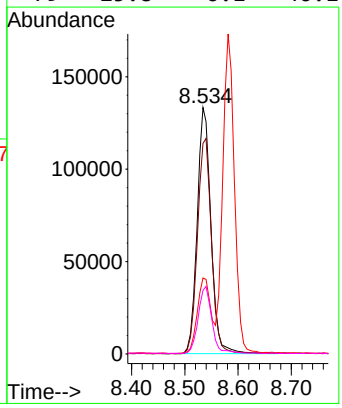


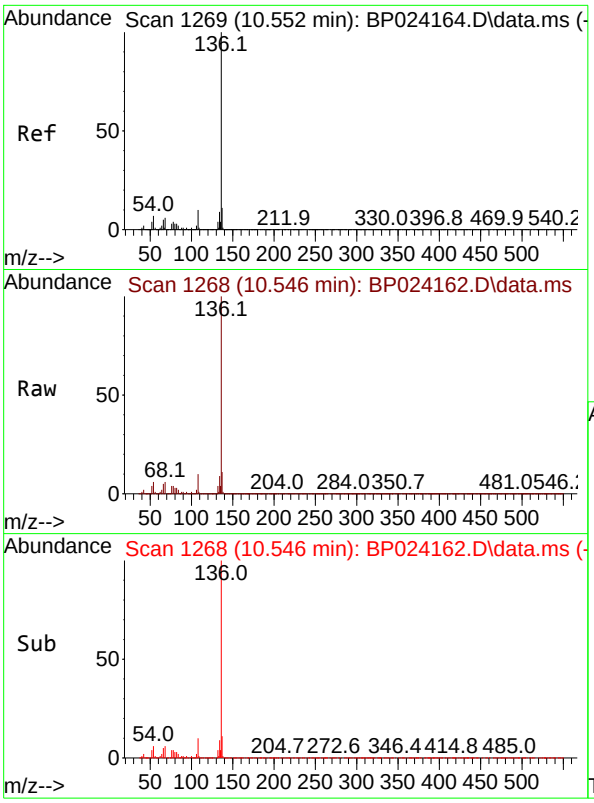


#20
3+4-Methylphenols
Concen: 9.906 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:107 Resp: 238685

Ion	Ratio	Lower	Upper
107	100		
108	85.5	69.7	109.7
77	30.8	10.3	50.3
79	25.8	6.1	46.1



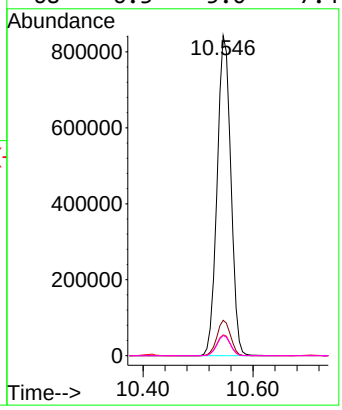


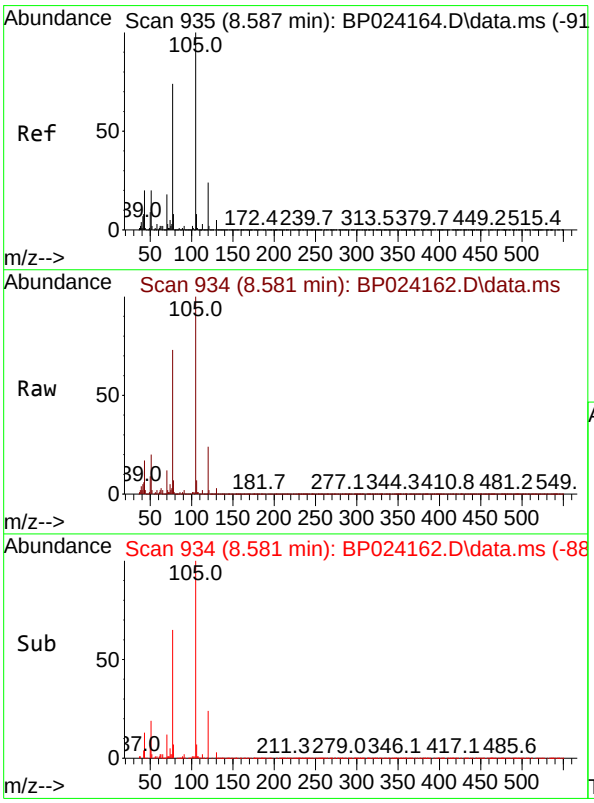
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1459823

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.5	5.3	7.9
68	6.3	5.0	7.4

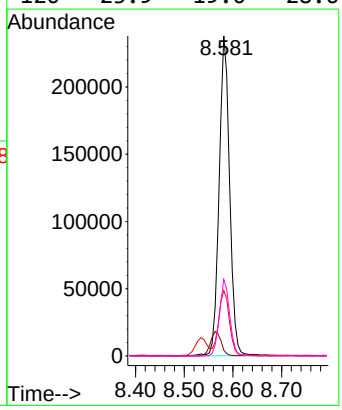


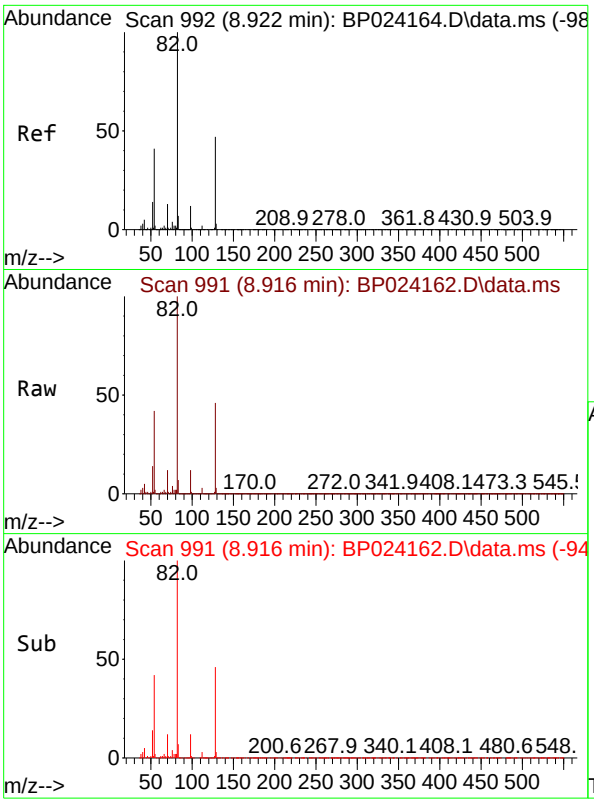


#22
Acetophenone
Concen: 9.536 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:105 Resp: 357738

Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.4	3.6#
51	20.4	16.2	24.2
120	23.9	19.0	28.6



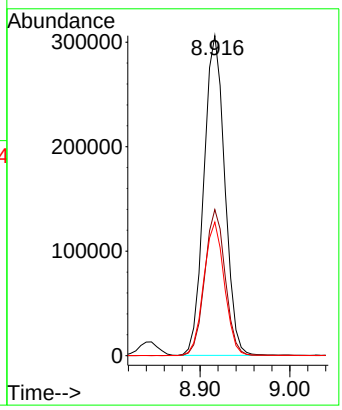


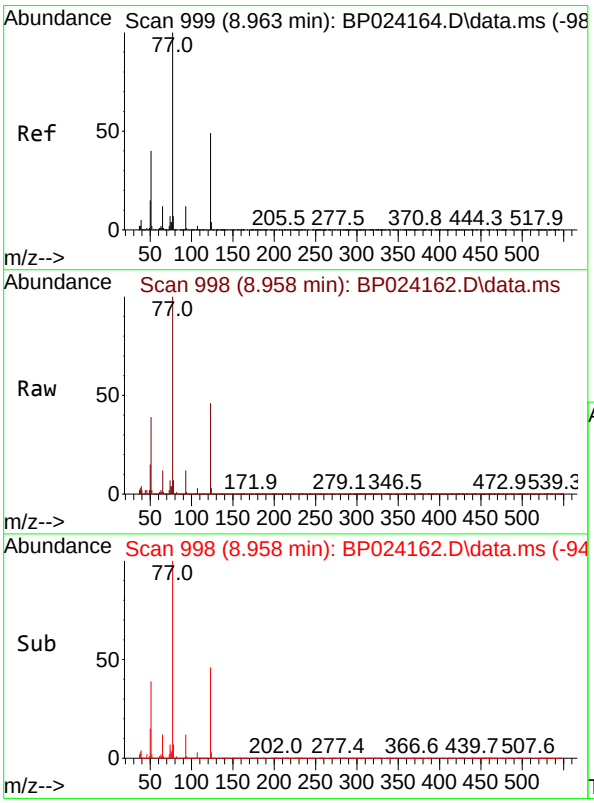
#23
Nitrobenzene-d5
Concen: 18.856 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 493399

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.0
54	41.7	32.5	48.7

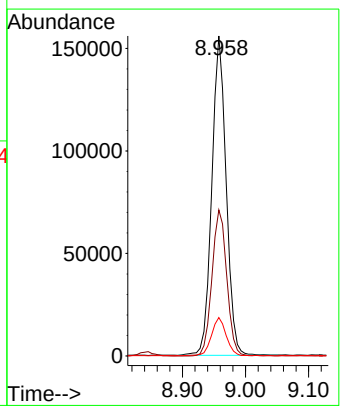


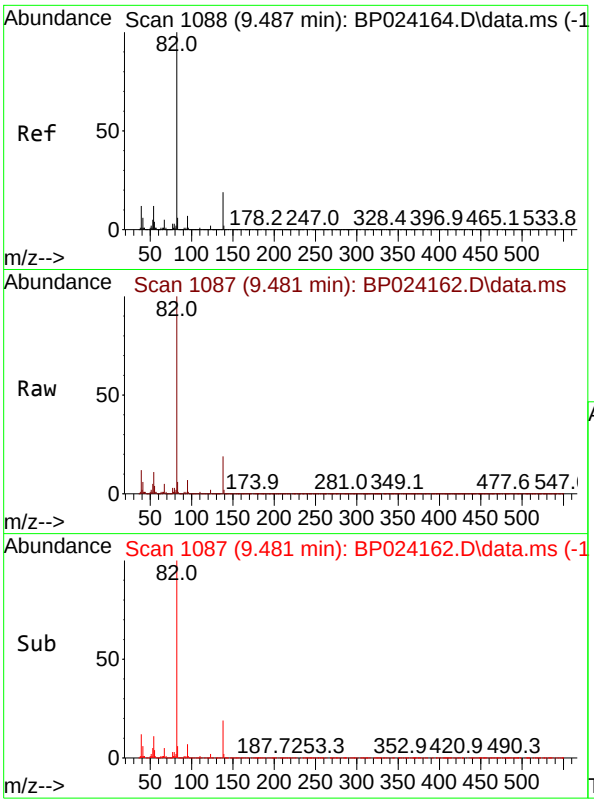


#24
Nitrobenzene
Concen: 9.536 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 77 Resp: 245585

Ion	Ratio	Lower	Upper
77	100		
123	45.7	39.4	59.2
65	12.0	9.9	14.9



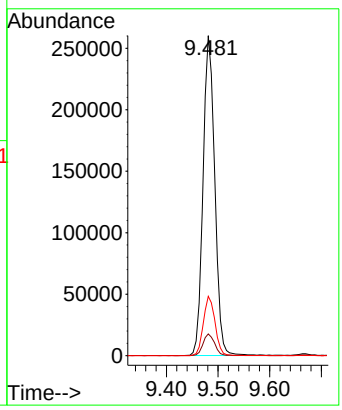


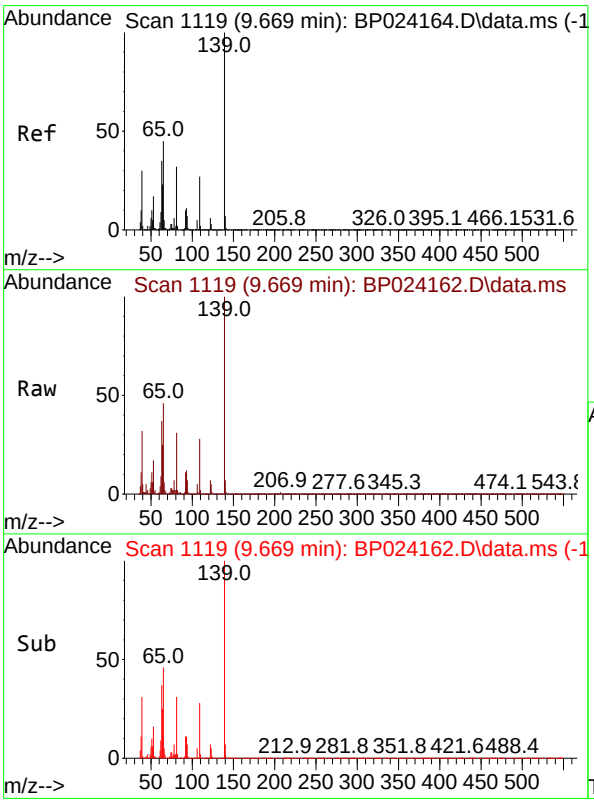
#25
Isophorone
Concen: 9.590 ng
RT: 9.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 410357

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	18.6	14.8	22.2

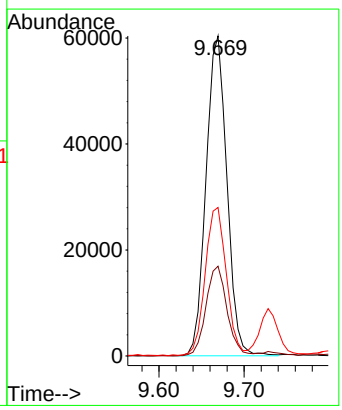


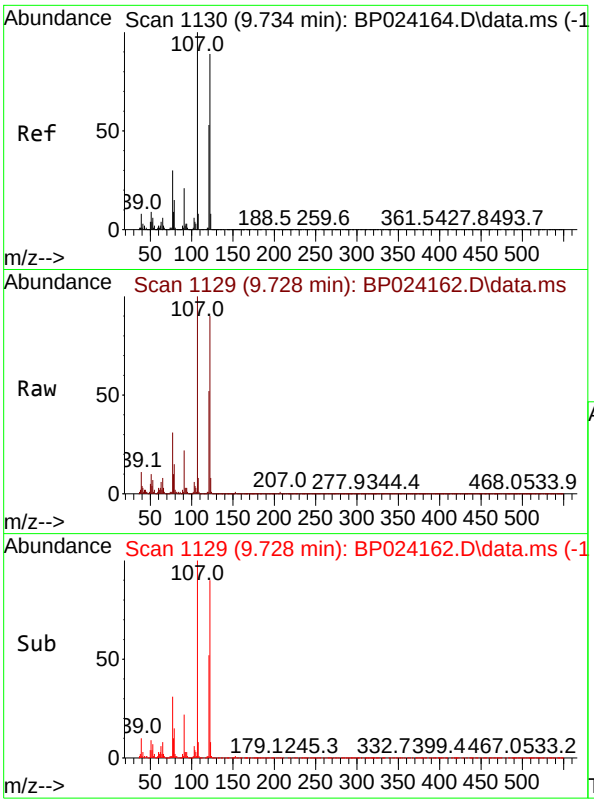


#26
2-Nitrophenol
Concen: 8.692 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:139 Resp: 103123

Ion	Ratio	Lower	Upper
139	100		
109	28.1	21.7	32.5
65	46.4	35.8	53.8



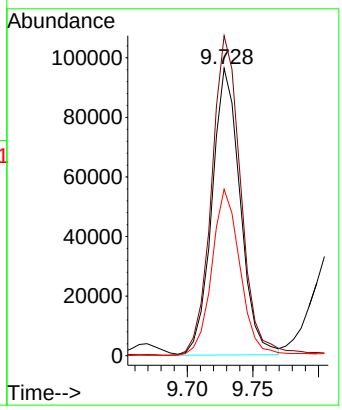


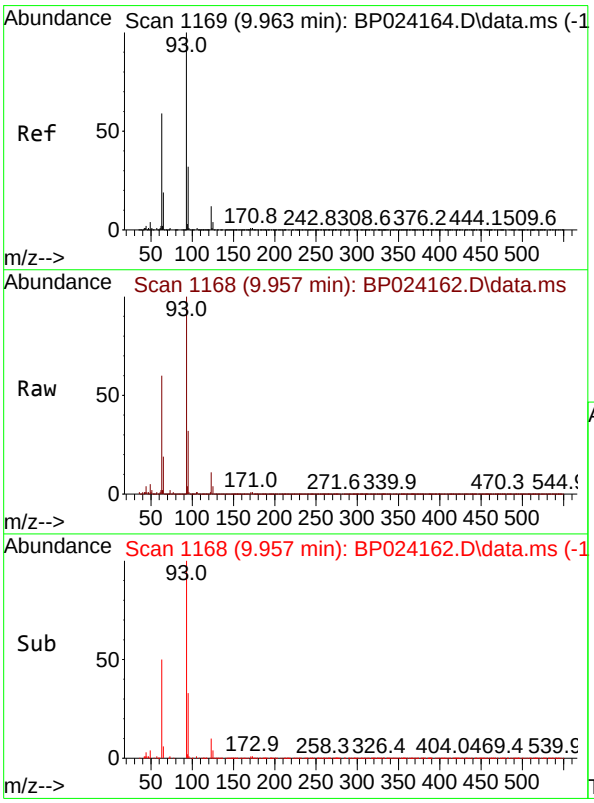
#27
2,4-Dimethylphenol
Concen: 9.265 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 144292

Ion	Ratio	Lower	Upper
122	100		
107	111.4	89.3	133.9
121	57.9	47.5	71.3

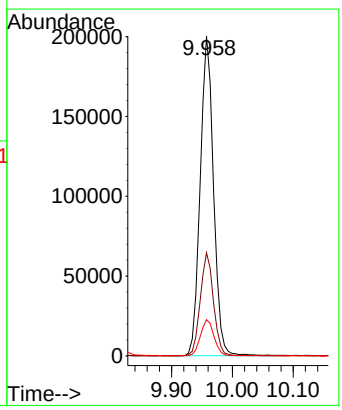


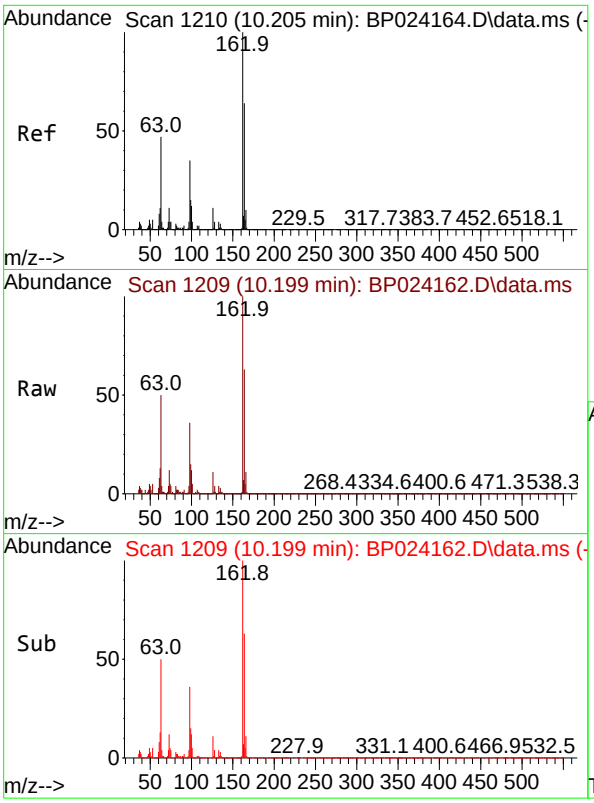


#28
bis(2-Chloroethoxy)methane
Concen: 9.838 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 93 Resp: 304956

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	11.3	9.5	14.3



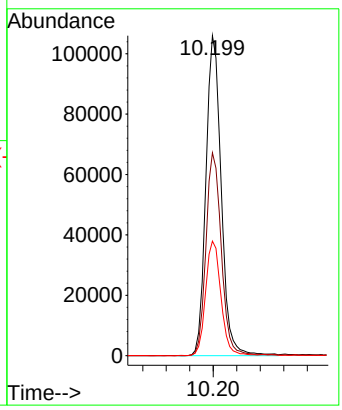


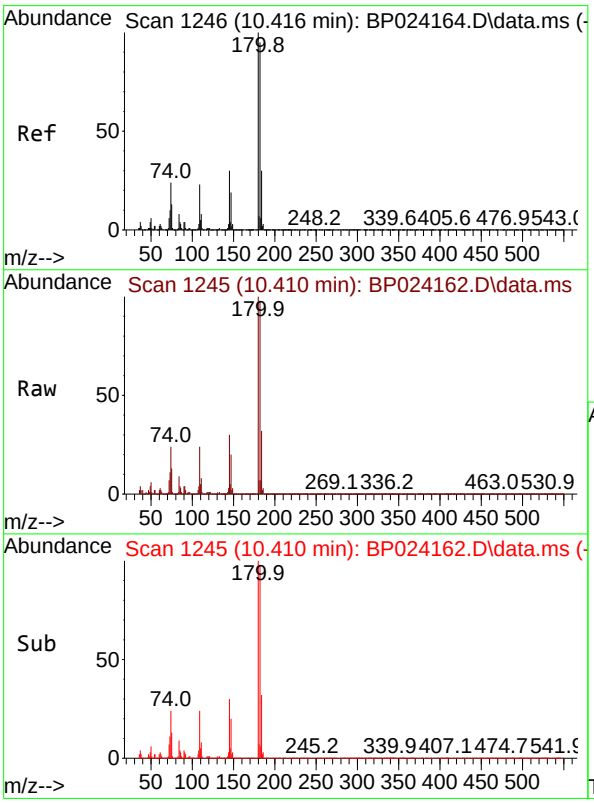
#29
2,4-Dichlorophenol
Concen: 9.046 ng
RT: 10.199 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 192263

Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.2	84.2
98	35.8	15.1	55.1

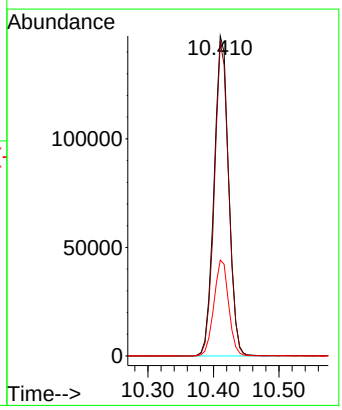


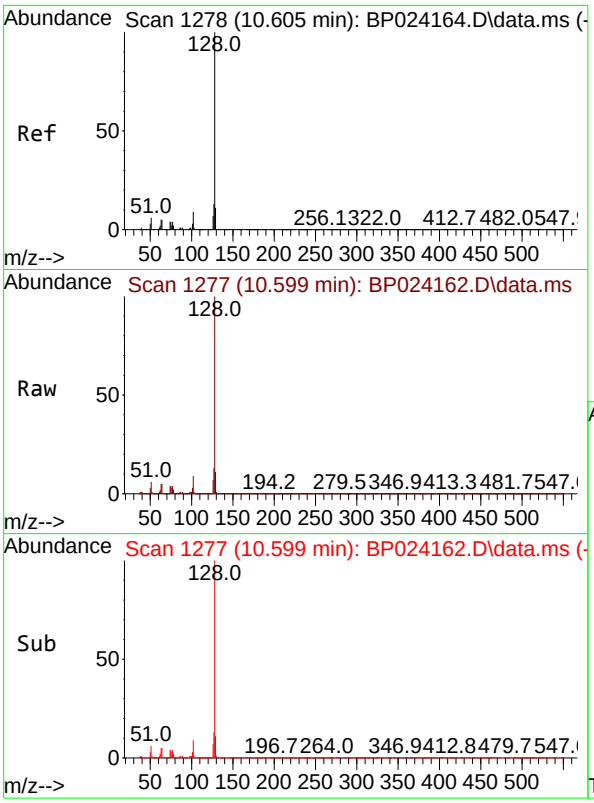


#30
1,2,4-Trichlorobenzene
Concen: 9.355 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:180 Resp: 227800

Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.1	114.1
145	30.0	24.2	36.2



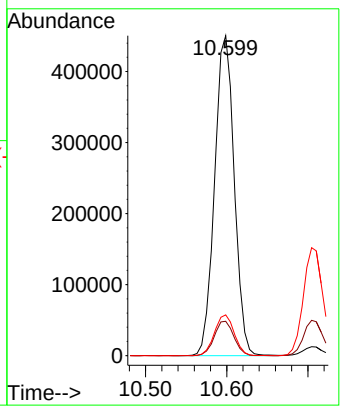


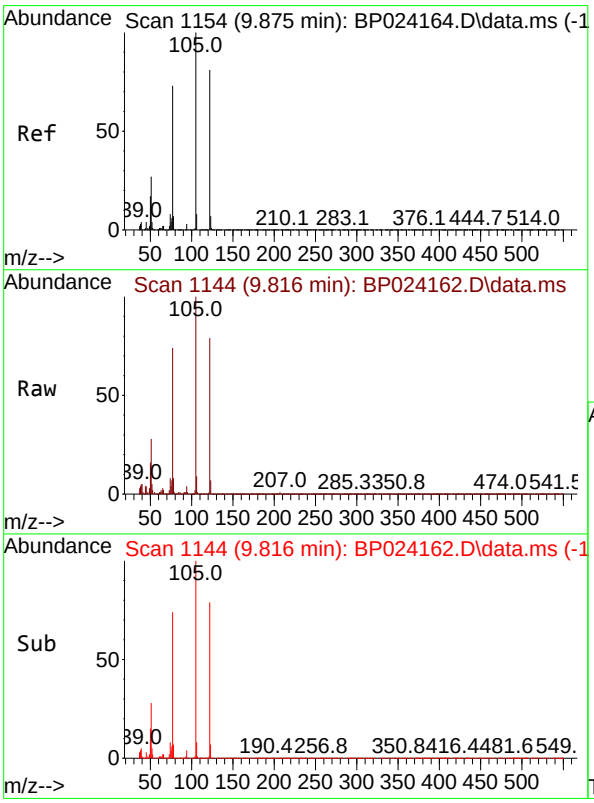
#31
Naphthalene
Concen: 9.642 ng
RT: 10.599 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 756826

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.8	10.4	15.6

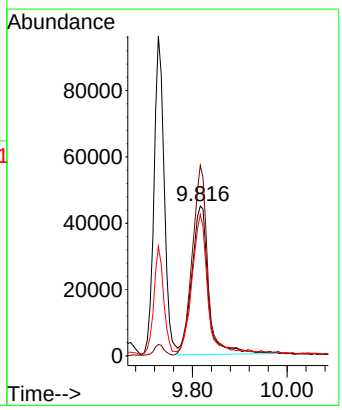


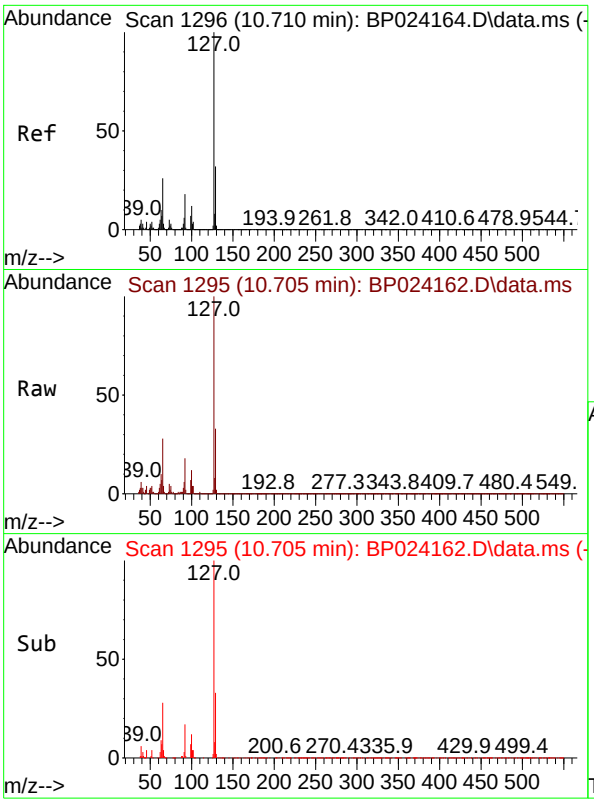


#32
Benzoic acid
Concen: 7.587 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.059 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:122 Resp: 108330

Ion	Ratio	Lower	Upper
122	100		
105	127.1	100.3	140.3
77	94.3	69.1	109.1



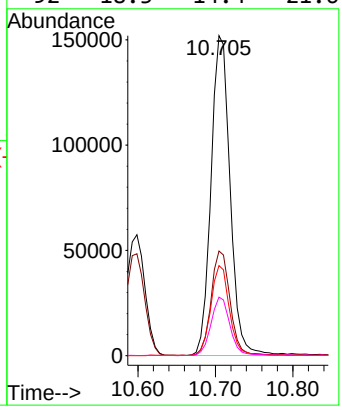


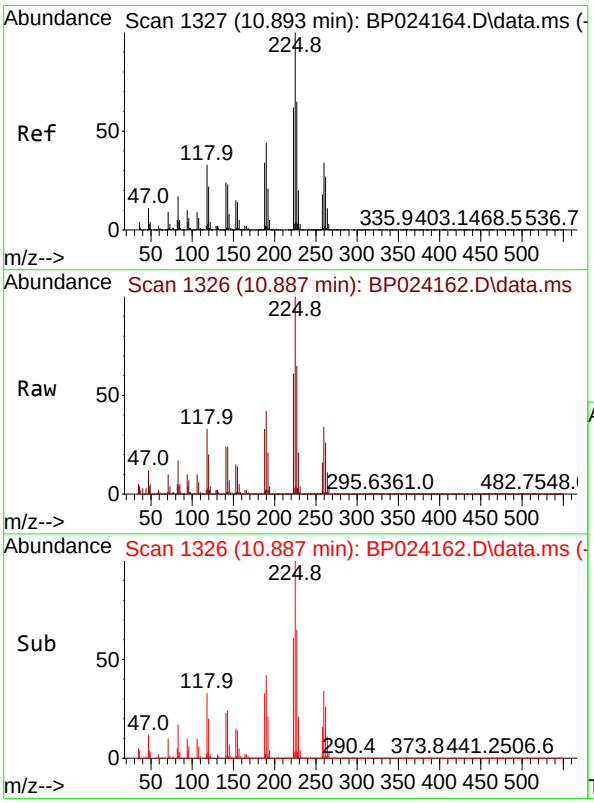
#33
4-Chloroaniline
Concen: 9.404 ng
RT: 10.705 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 260033

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	28.2	21.2	31.8
92	18.3	14.4	21.6

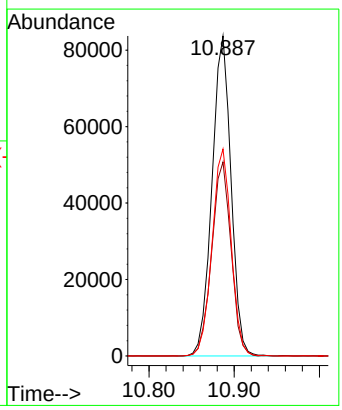


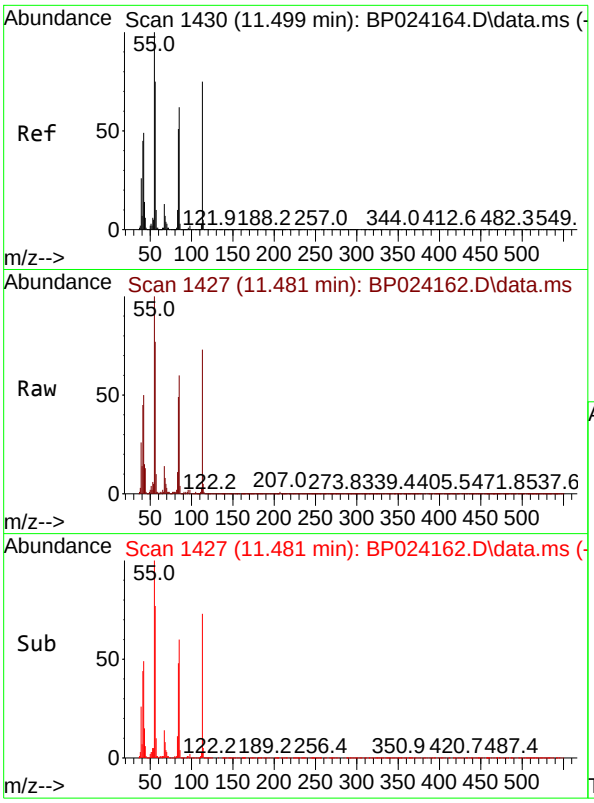


#34
Hexachlorobutadiene
Concen: 9.224 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:225 Resp: 130104

Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.9	74.9
227	64.6	52.2	78.2



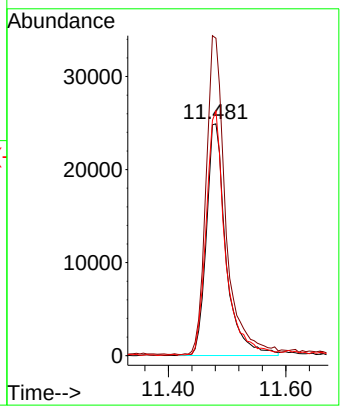


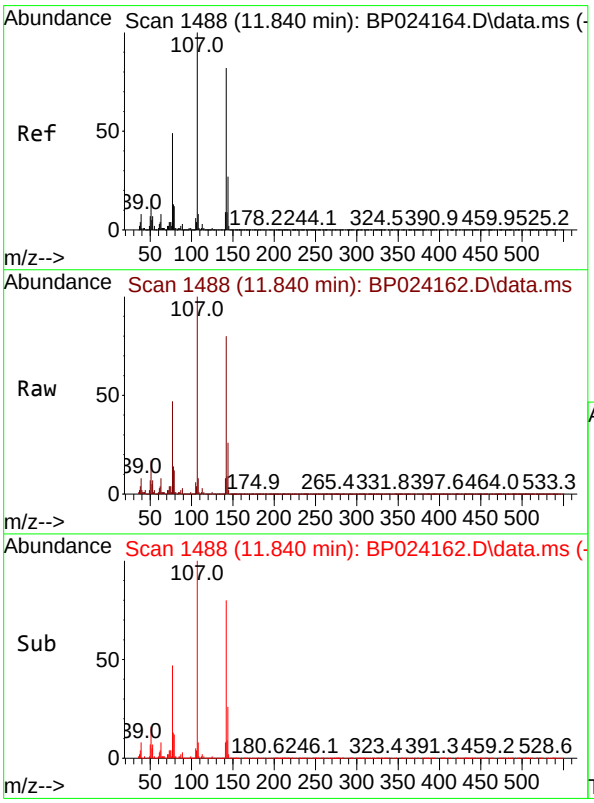
#35
Caprolactam
Concen: 8.931 ng
RT: 11.481 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 57479

Ion	Ratio	Lower	Upper
113	100		
55	137.0	113.6	153.6
56	105.5	80.0	120.0

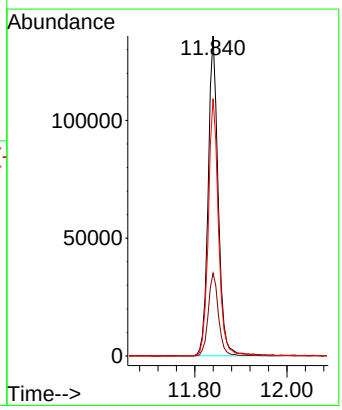


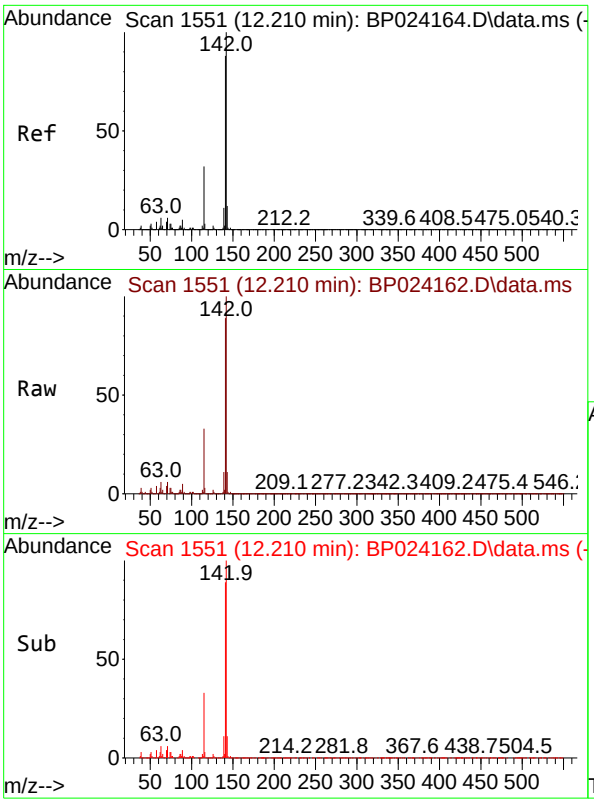


#36
4-Chloro-3-methylphenol
Concen: 9.462 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:107 Resp: 206744

Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.6	32.4
142	80.4	65.4	98.0



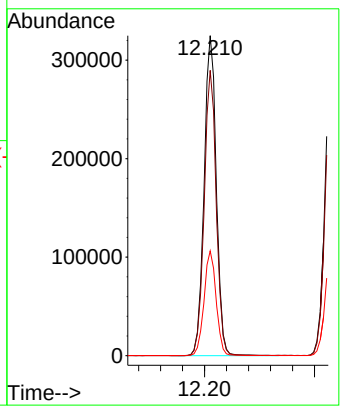


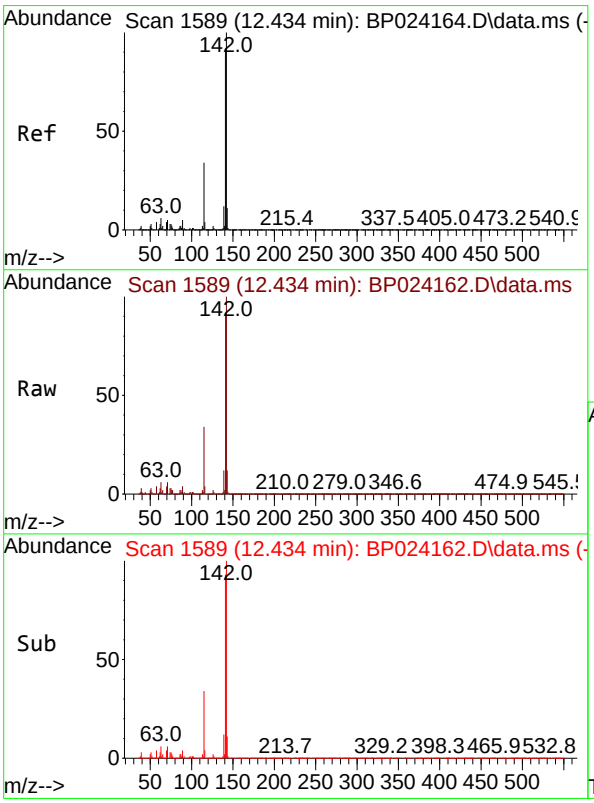
#37
2-Methylnaphthalene
Concen: 9.564 ng
RT: 12.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 498967

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	32.8	26.0	39.0

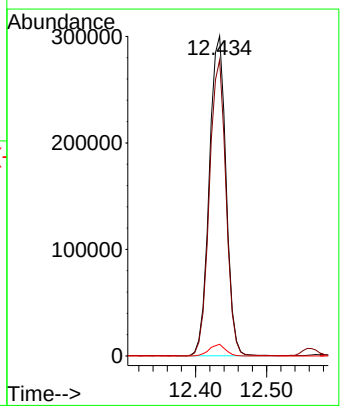


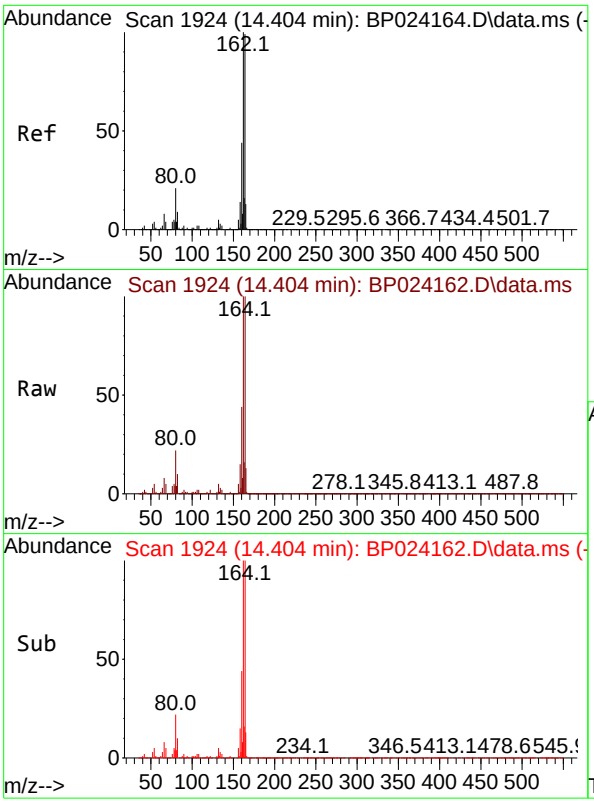


#38
1-Methylnaphthalene
Concen: 9.680 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:142 Resp: 491304

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	3.7	2.8	4.2



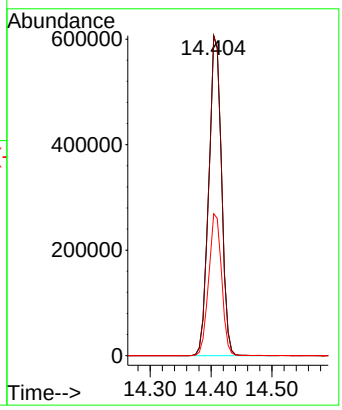


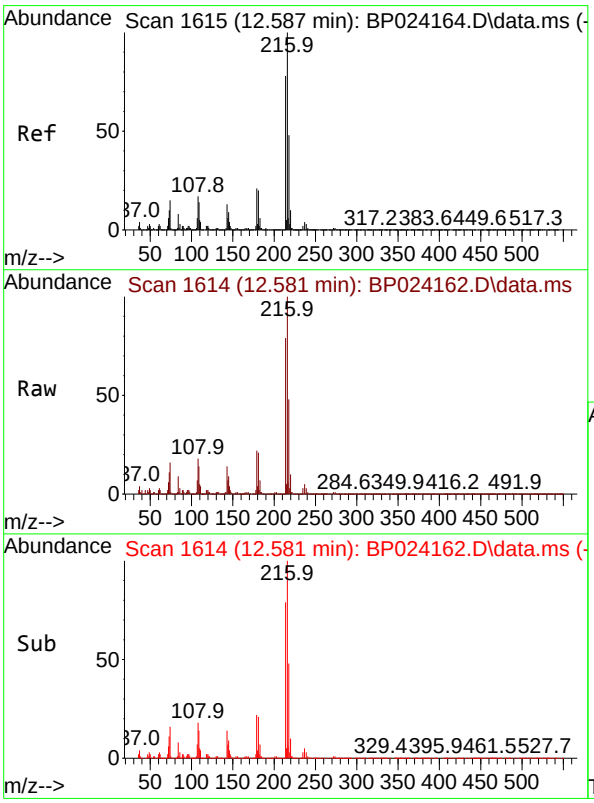
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 878356

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	44.4	35.4	53.2

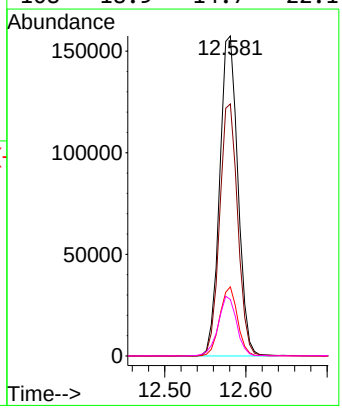


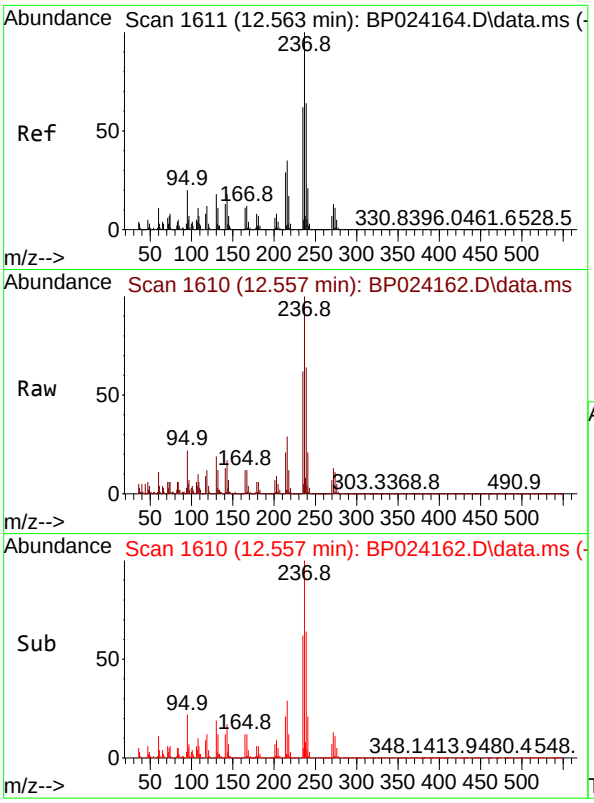


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.116 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:216 Resp: 246009

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.8	94.2
179	21.0	16.8	25.2
108	18.9	14.7	22.1



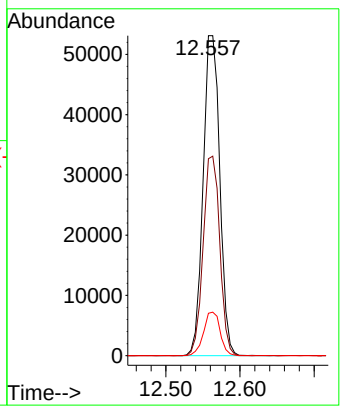


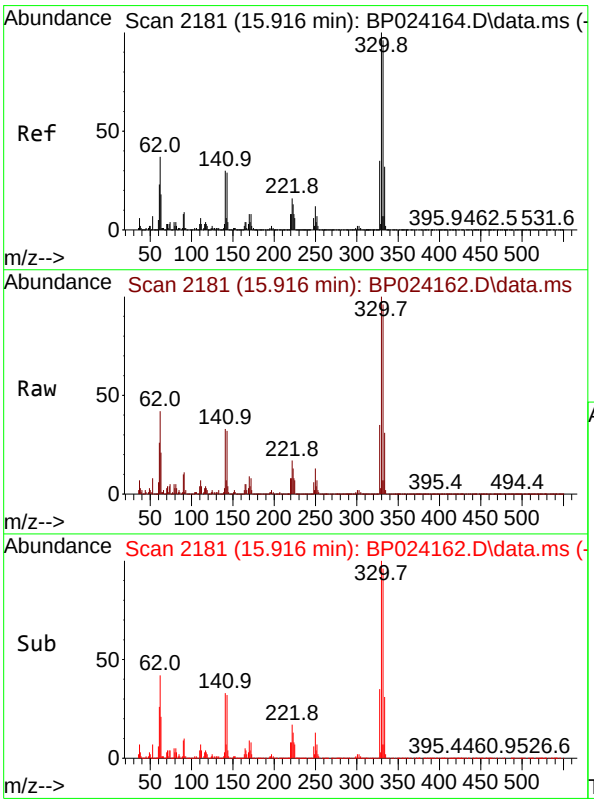
#41
Hexachlorocyclopentadiene
Concen: 8.245 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 82803

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.8	81.8
272	13.3	0.0	33.5

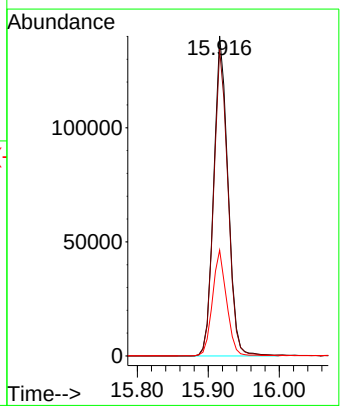


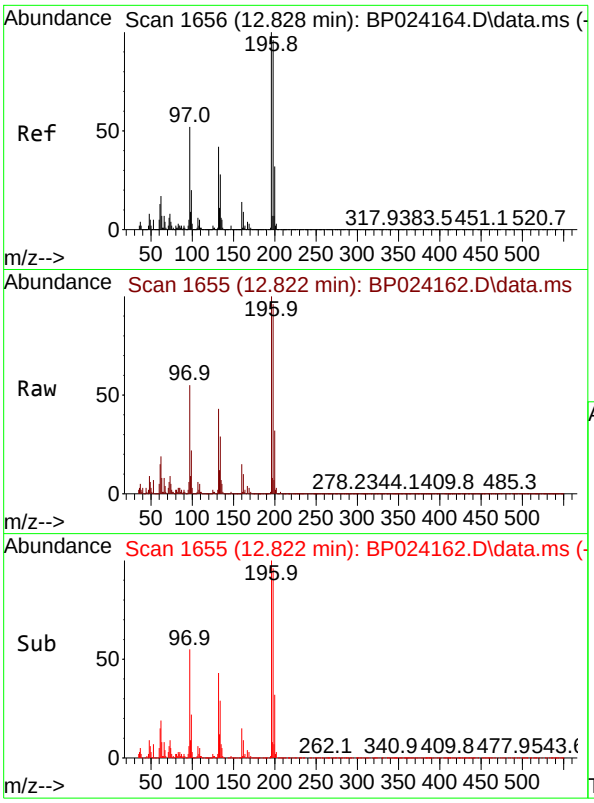


#42
2,4,6-Tribromophenol
Concen: 18.161 ng
RT: 15.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:330 Resp: 195393

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	32.6	25.0	37.6



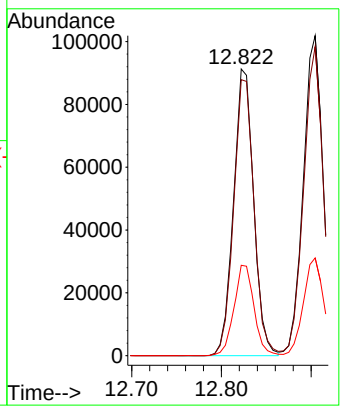


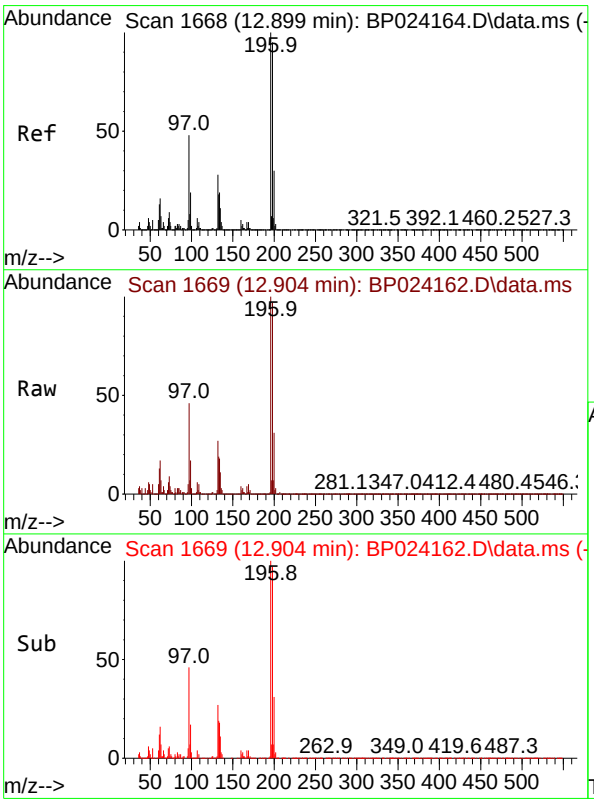
#43
2,4,6-Trichlorophenol
Concen: 8.649 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 142353

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.6	115.0
200	31.6	25.4	38.0

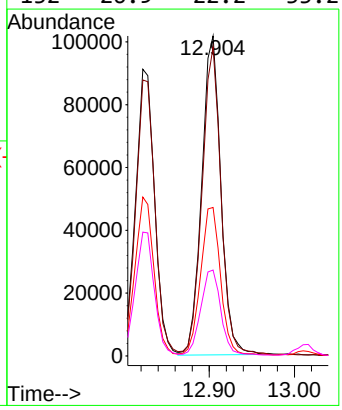


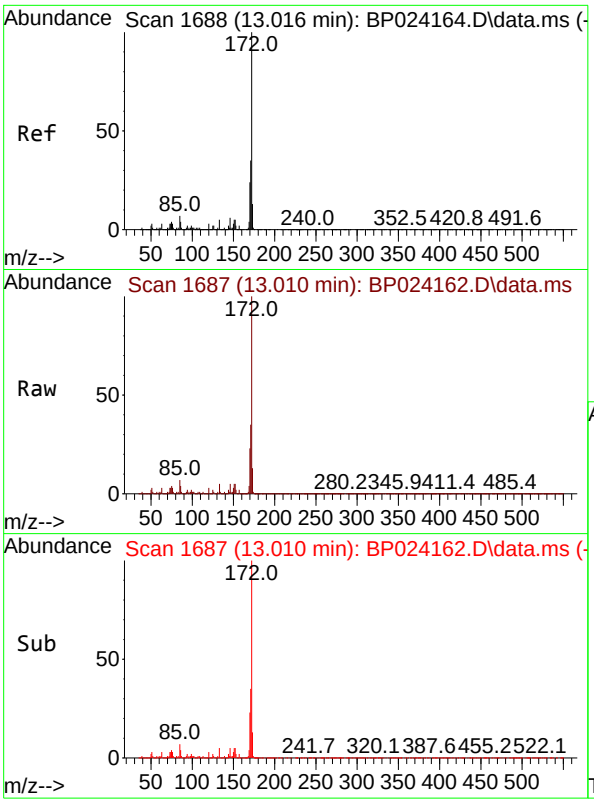


#44
2,4,5-Trichlorophenol
Concen: 8.841 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:196 Resp: 159135

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.5	114.7
97	46.4	38.7	58.1
132	26.9	22.2	33.2



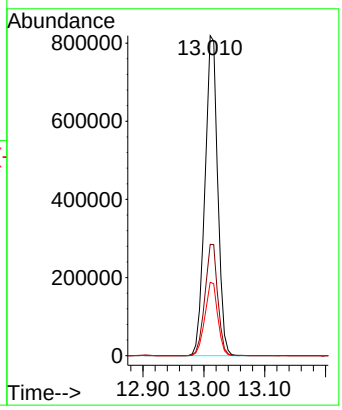


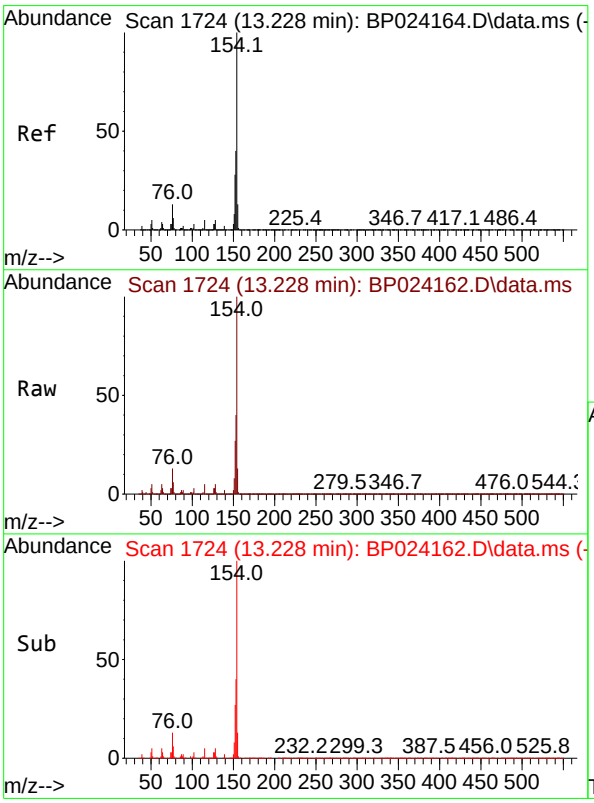
#45
2-Fluorobiphenyl
Concen: 18.984 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 1192744

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.9	19.0	28.4

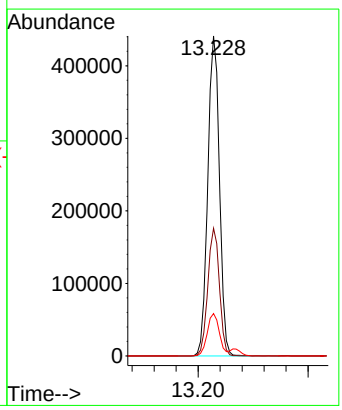


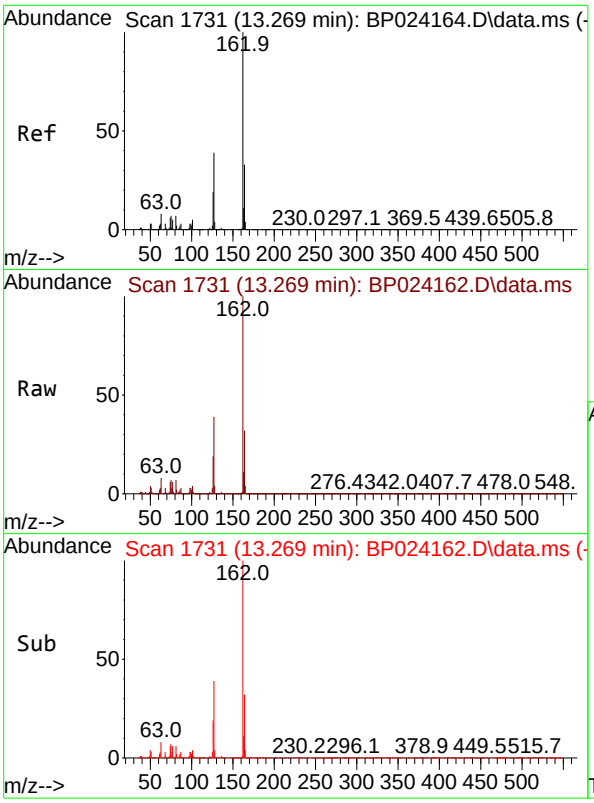


#46
1,1'-Biphenyl
Concen: 9.494 ng
RT: 13.228 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:154 Resp: 647980

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	13.2	0.0	32.9



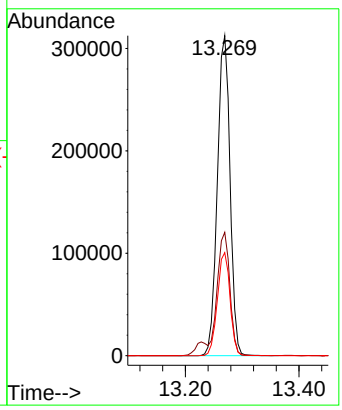


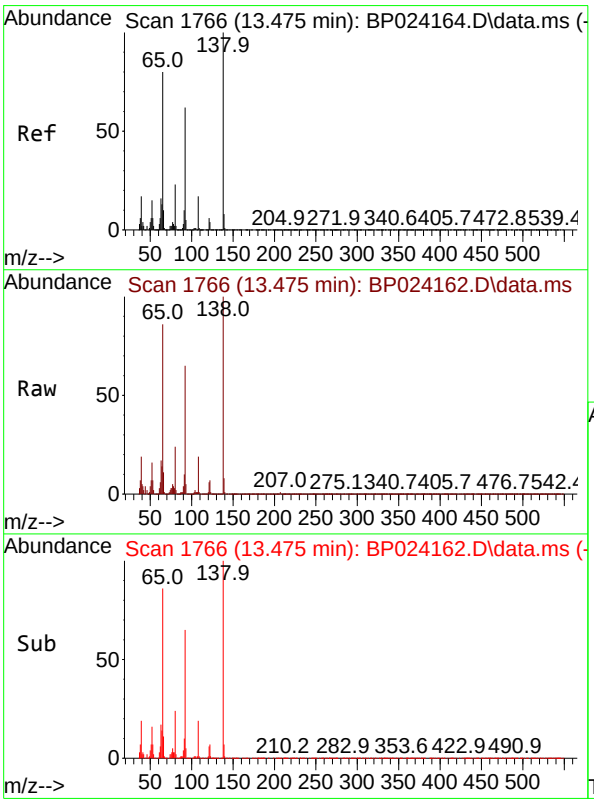
#47
2-Chloronaphthalene
Concen: 9.365 ng
RT: 13.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 483199

Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.5	47.3
164	32.2	26.6	39.8

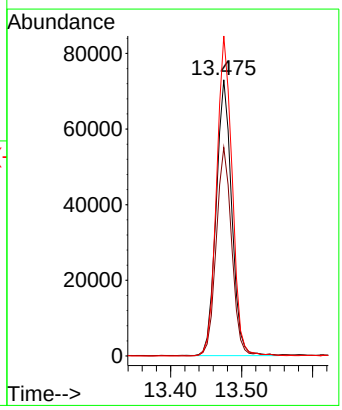


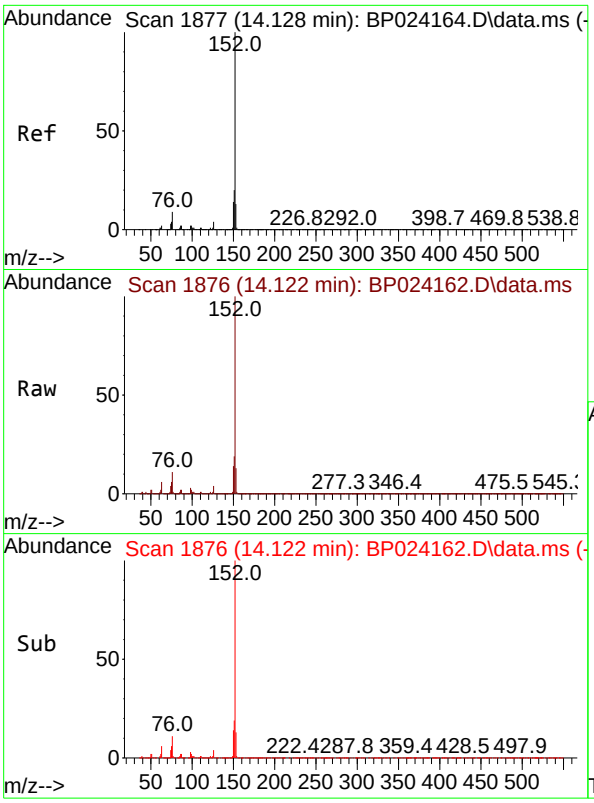


#48
2-Nitroaniline
Concen: 9.079 ng
RT: 13.475 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 65 Resp: 110660

Ion	Ratio	Lower	Upper
65	100		
92	75.5	62.1	93.1
138	115.9	99.5	149.3



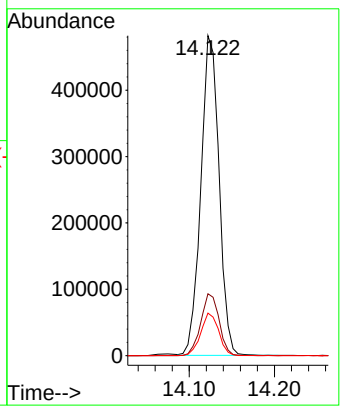


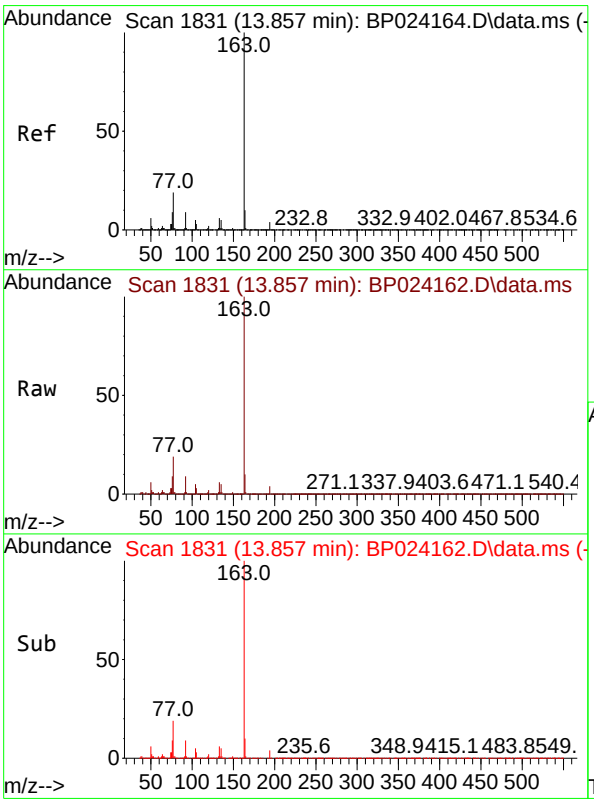
#49
Acenaphthylene
Concen: 9.405 ng
RT: 14.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 714937

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.3	10.6	15.8

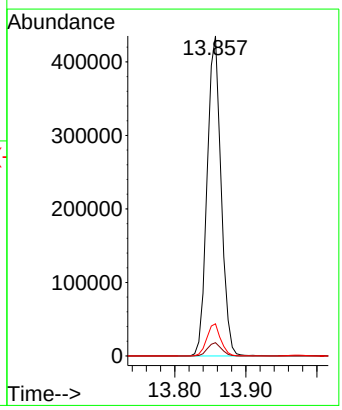


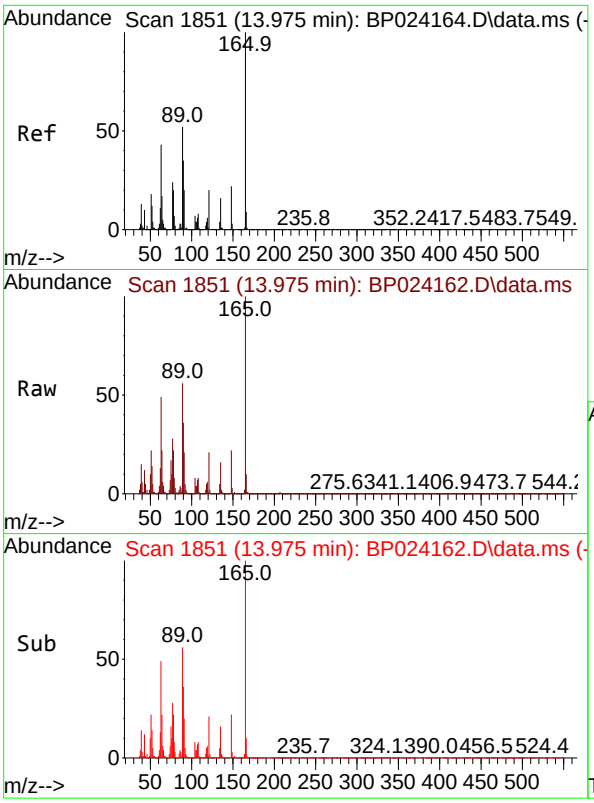


#50
Dimethylphthalate
Concen: 9.563 ng
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:163 Resp: 592520

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.2	12.4



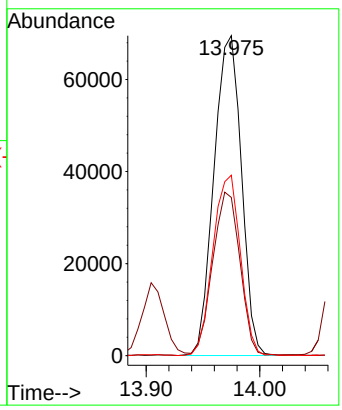


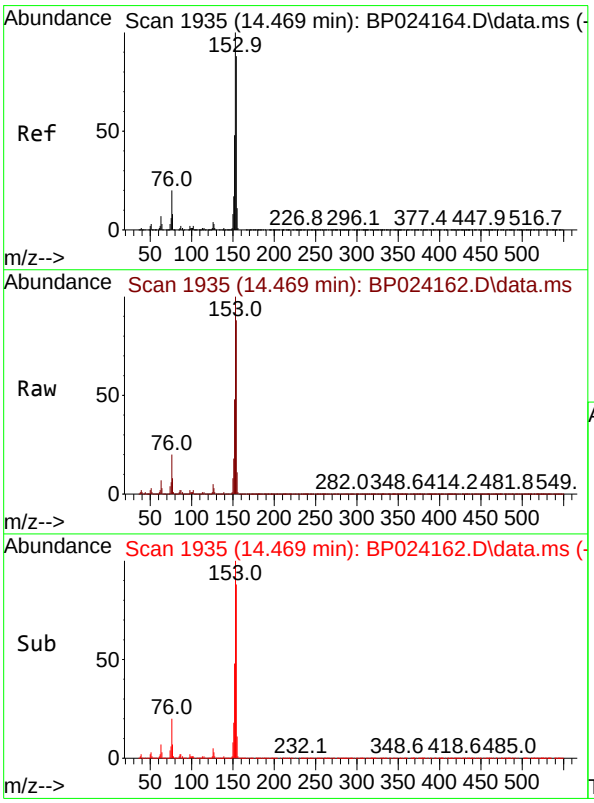
#51
2,6-Dinitrotoluene
Concen: 9.243 ng
RT: 13.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 116661

Ion	Ratio	Lower	Upper
165	100		
63	49.5	37.7	56.5
89	56.4	41.9	62.9

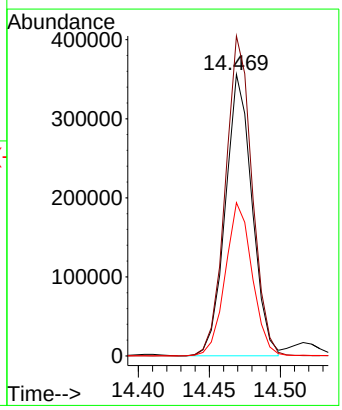


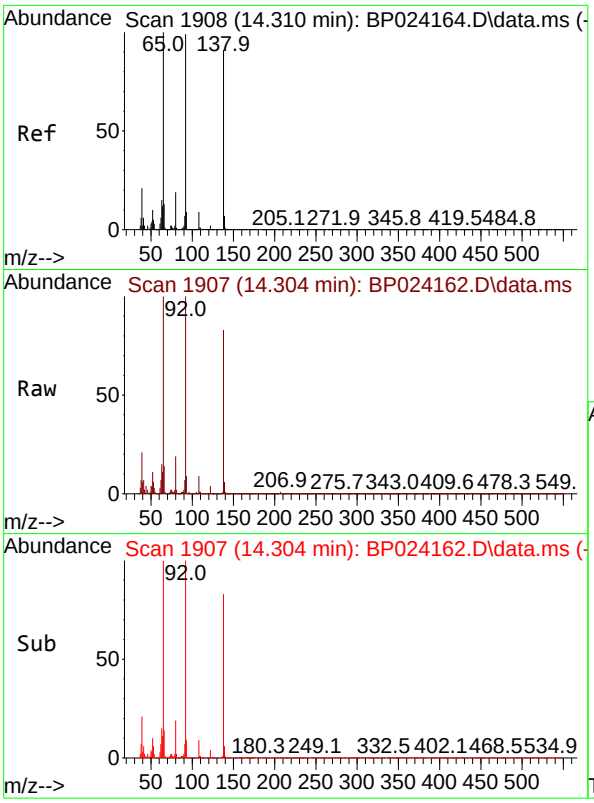


#52
Acenaphthene
Concen: 9.473 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:154 Resp: 463749

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.5	135.7
152	54.4	43.1	64.7



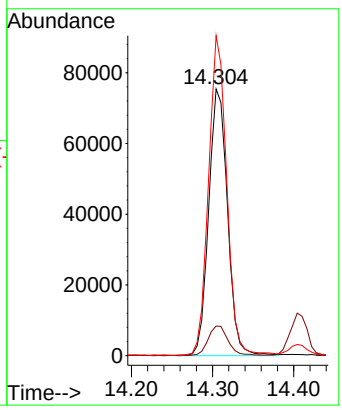


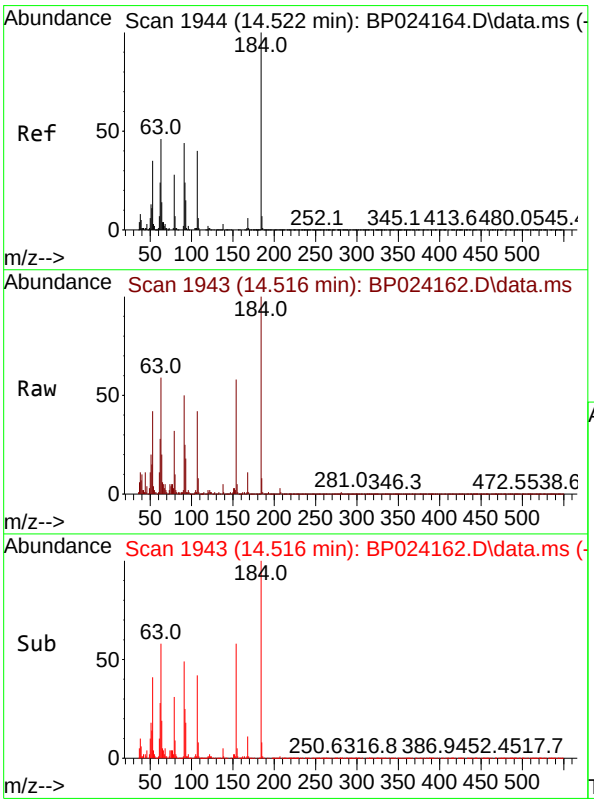
#53
3-Nitroaniline
Concen: 9.001 ng
RT: 14.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 121229

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.2	12.2
92	120.0	86.7	130.1

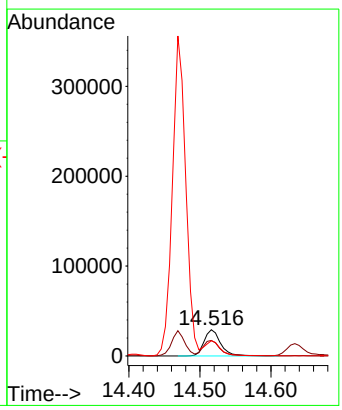


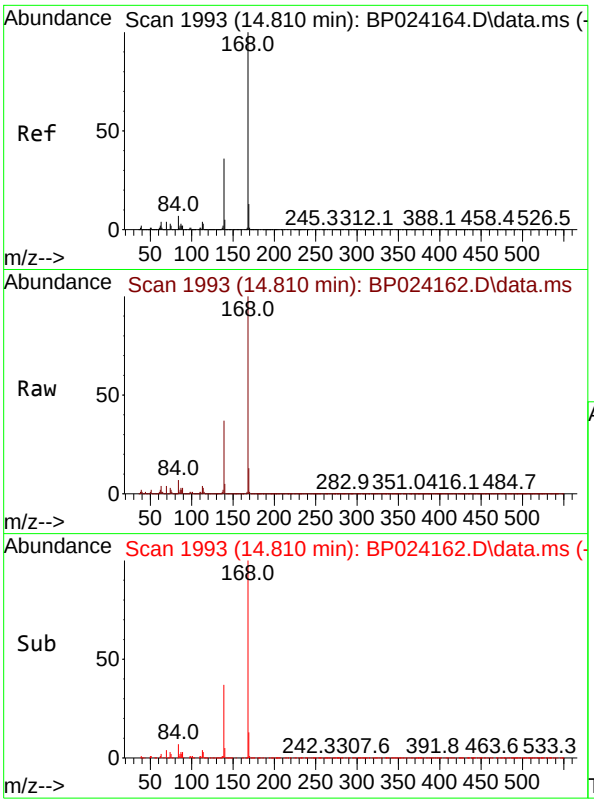


#54
2,4-Dinitrophenol
Concen: 7.053 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:184 Resp: 47409

Ion	Ratio	Lower	Upper
184	100		
63	58.9	42.1	63.1
154	57.9	44.6	67.0



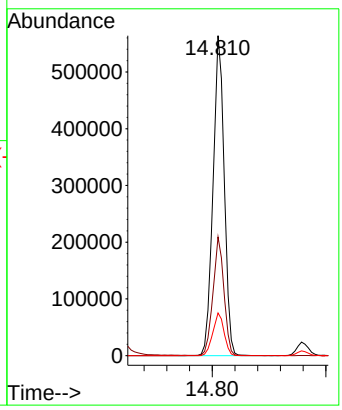


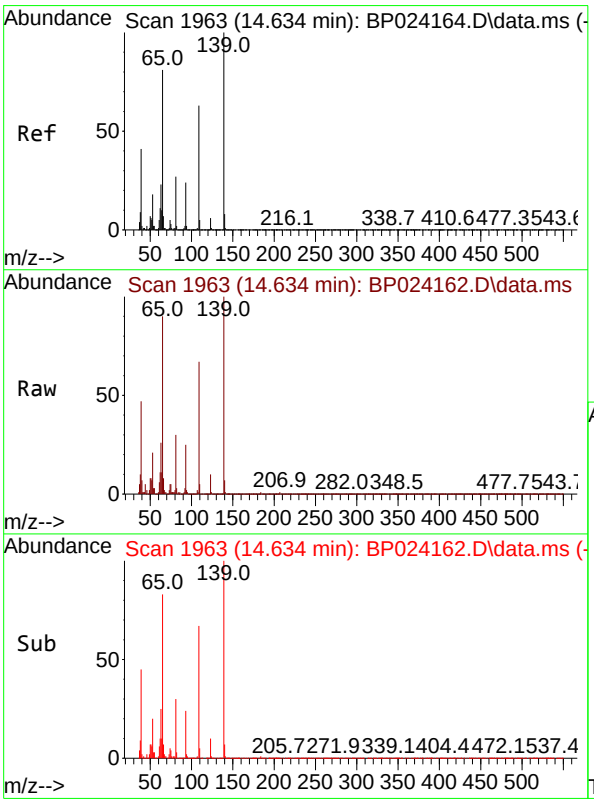
#55
Dibenzofuran
Concen: 9.671 ng
RT: 14.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 769059

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.1	43.7
169	13.4	10.8	16.2

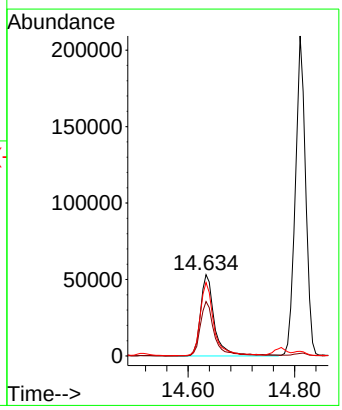


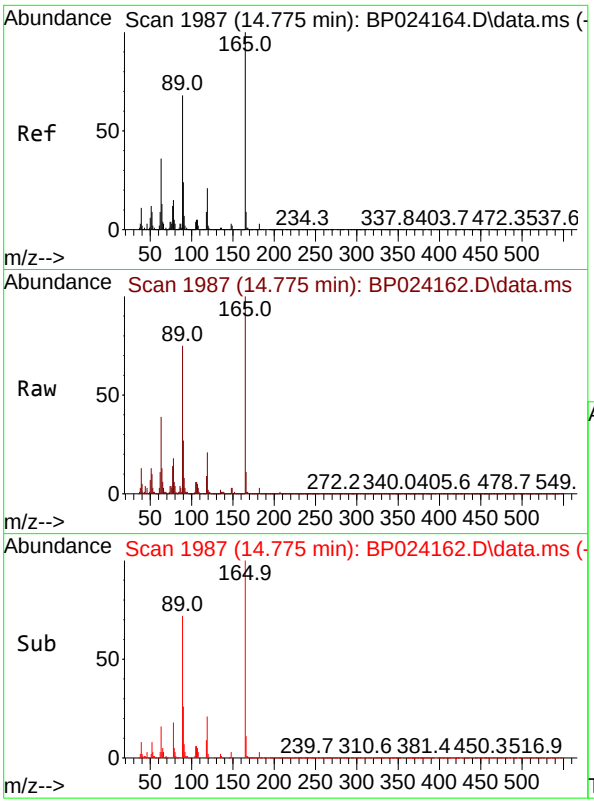


#56
4-Nitrophenol
Concen: 8.246 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:139 Resp: 95936

Ion	Ratio	Lower	Upper
139	100		
109	67.0	43.3	83.3
65	90.3	61.2	101.2



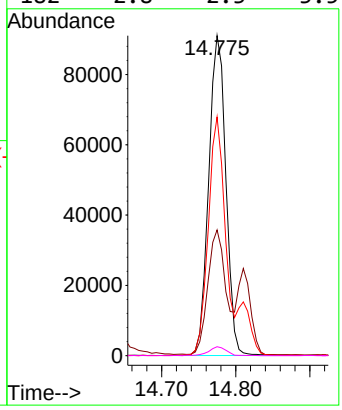


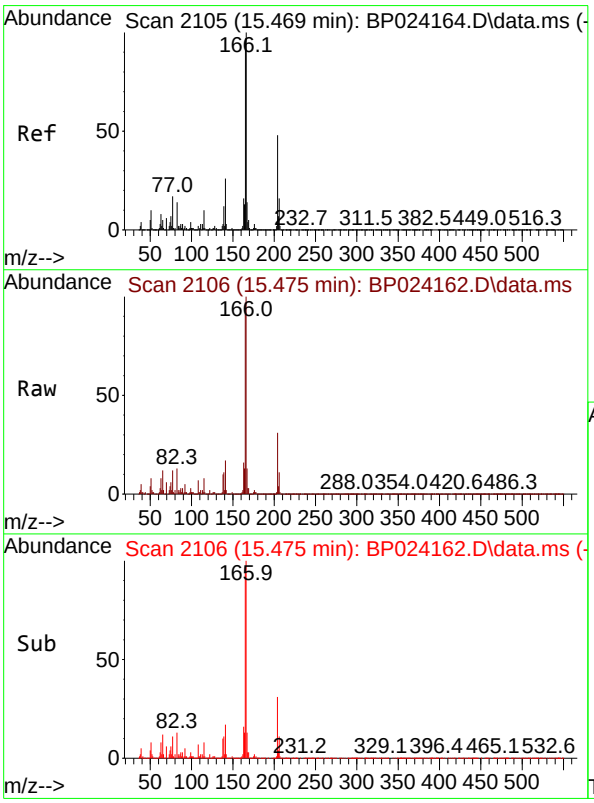
#57
2,4-Dinitrotoluene
Concen: 8.946 ng
RT: 14.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 146673

Ion	Ratio	Lower	Upper
165	100		
63	39.3	29.0	43.6
89	74.6	54.2	81.4
182	2.8	2.3	3.5

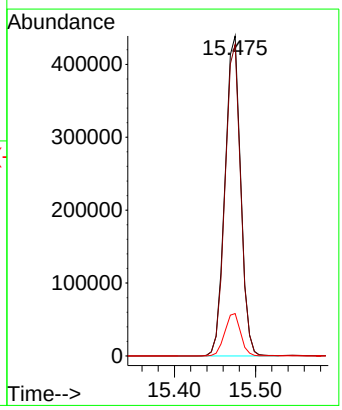


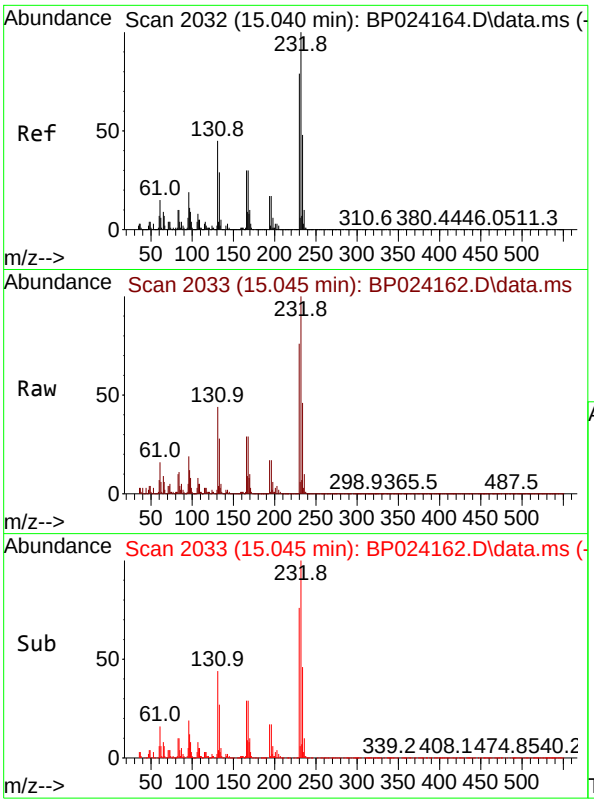


#58
Fluorene
Concen: 9.495 ng
RT: 15.475 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:166 Resp: 589720

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.6	116.4
167	13.3	10.8	16.2



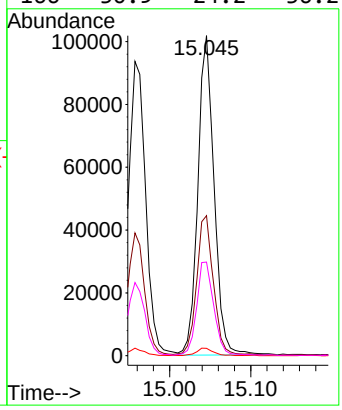


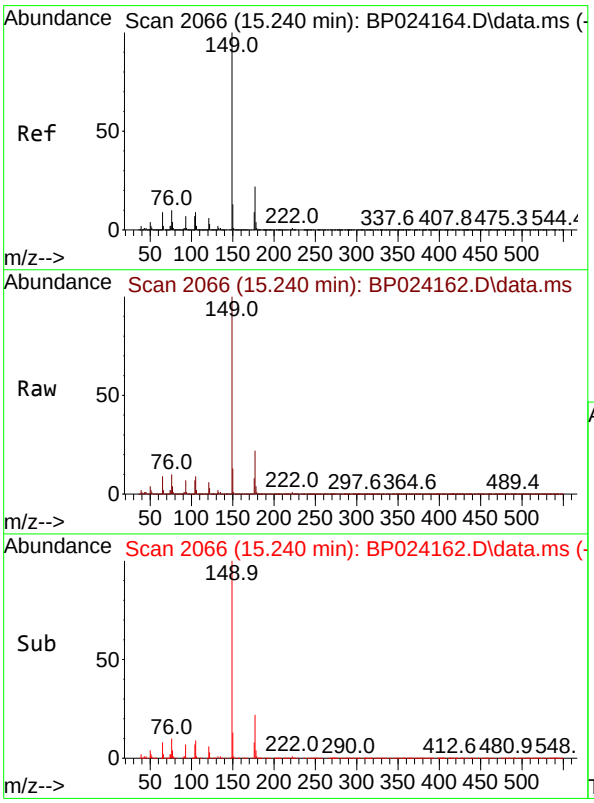
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.071 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 141666

Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.9	53.9
130	2.4	1.8	2.6
166	30.9	24.2	36.2

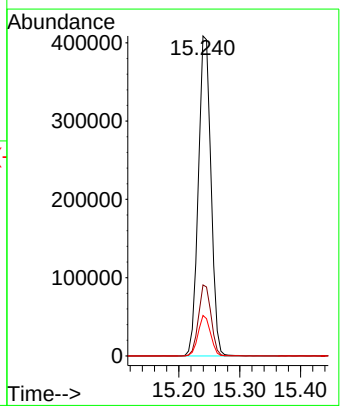


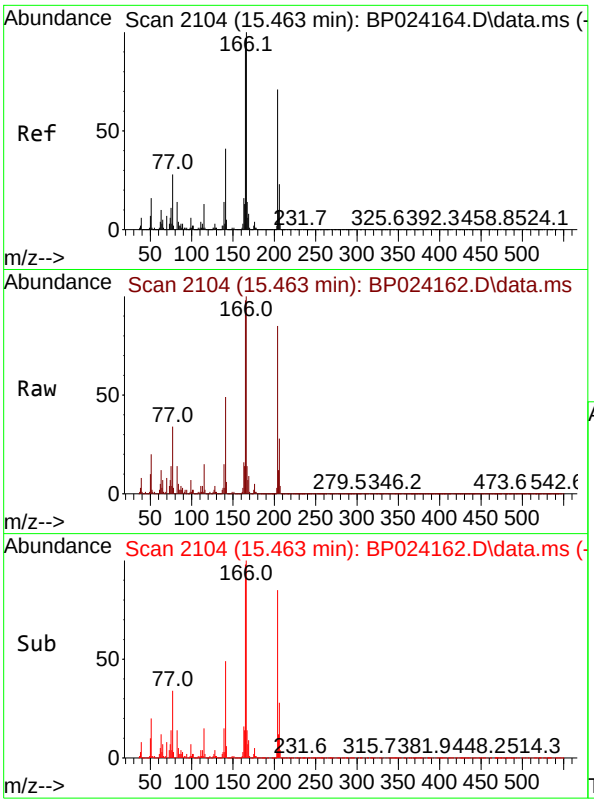


#60
Diethylphthalate
Concen: 9.543 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:149 Resp: 586933

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.7	10.2	15.4



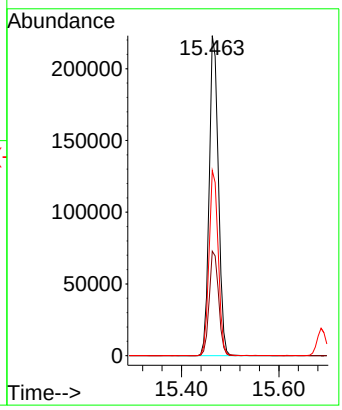


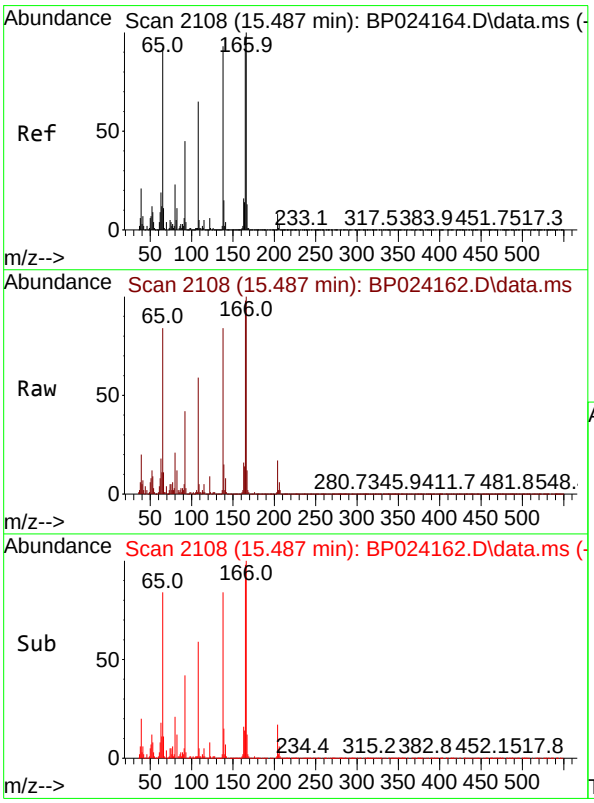
#61
4-Chlorophenyl-phenylether
Concen: 9.478 ng
RT: 15.463 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 289728

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	57.9	45.8	68.8

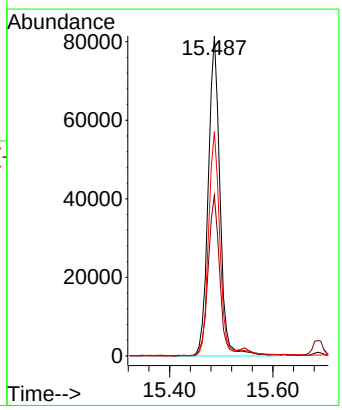


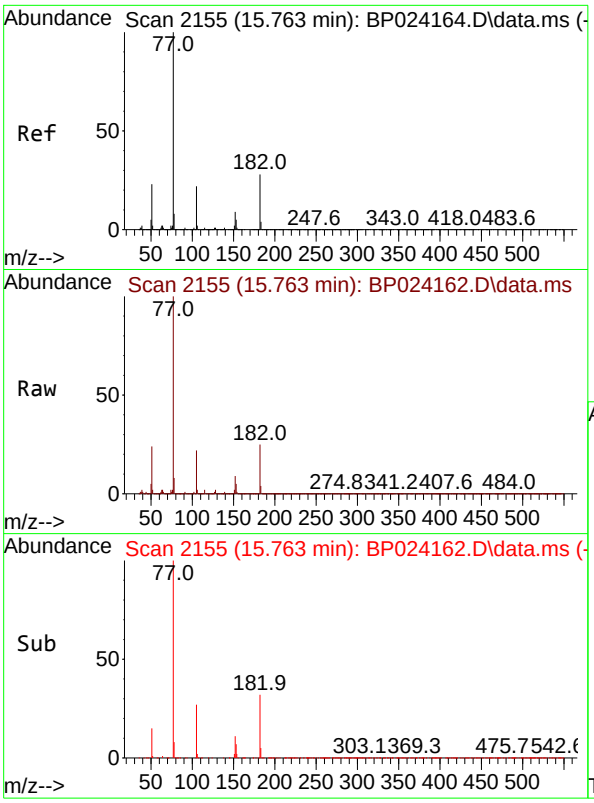


#62
4-Nitroaniline
Concen: 9.169 ng
RT: 15.487 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:138 Resp: 128152

Ion	Ratio	Lower	Upper
138	100		
92	50.2	28.7	68.7
108	70.1	49.5	89.5



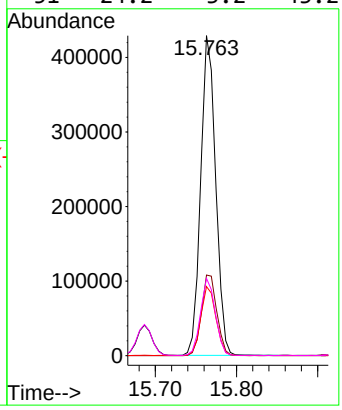


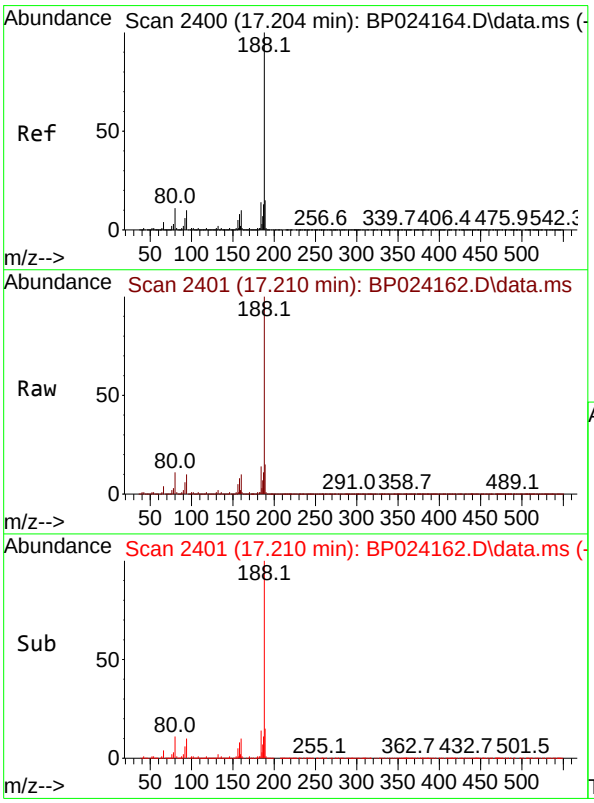
#63
Azobenzene
Concen: 9.535 ng
RT: 15.763 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 549569

Ion	Ratio	Lower	Upper
77	100		
182	25.2	7.7	47.7
105	21.6	2.3	42.3
51	24.2	3.2	43.2

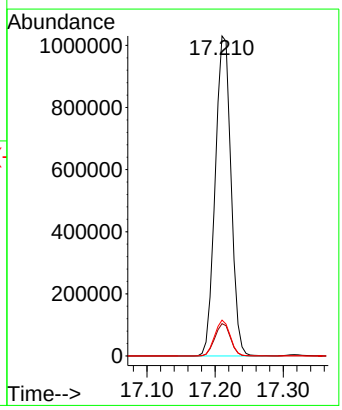


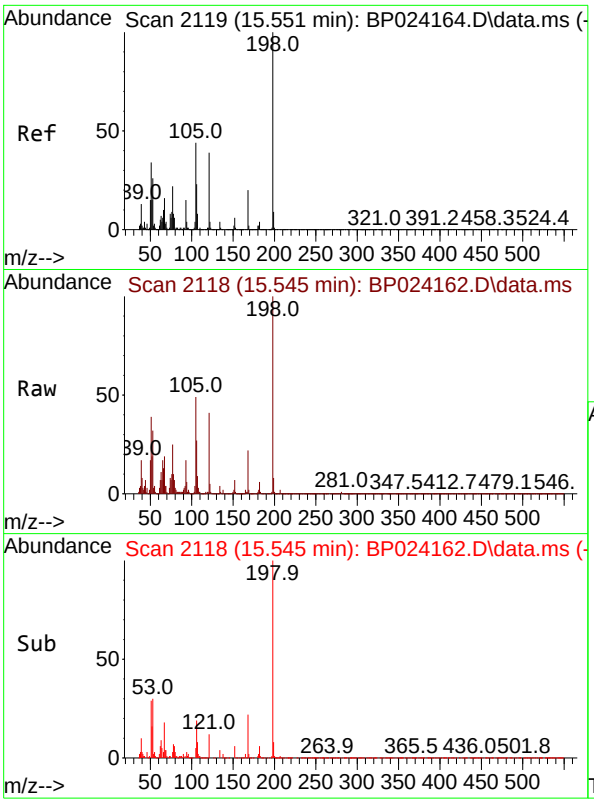


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:188 Resp: 1659965

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.2	8.9	13.3



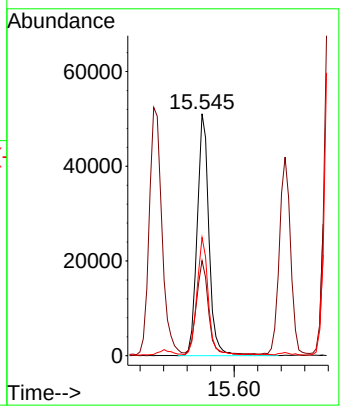


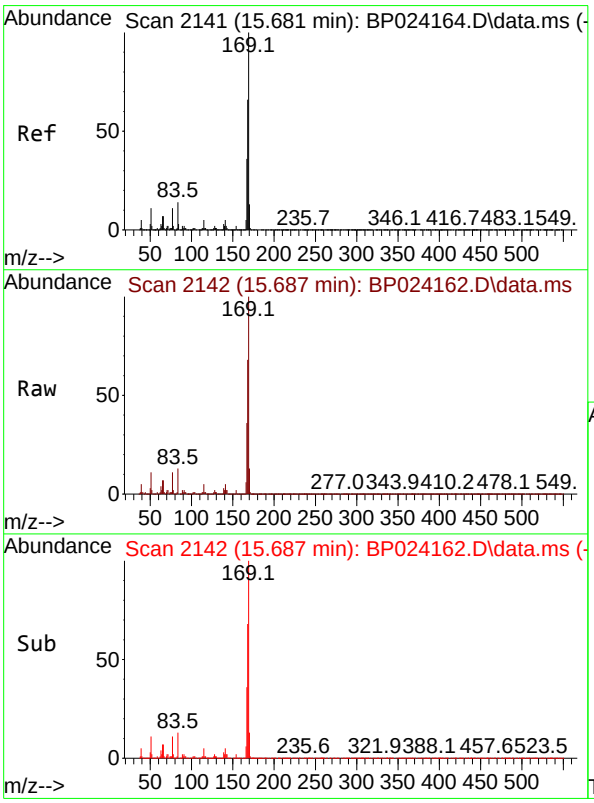
#65
4,6-Dinitro-2-methylphenol
Concen: 7.361 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 70717

Ion	Ratio	Lower	Upper
198	100		
51	39.3	14.7	54.7
105	48.9	23.8	63.8

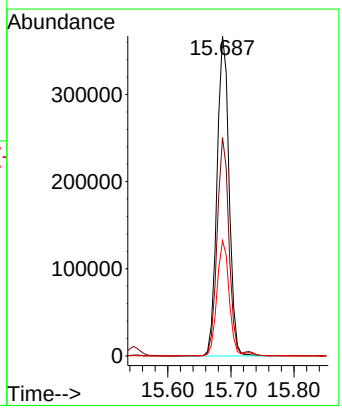


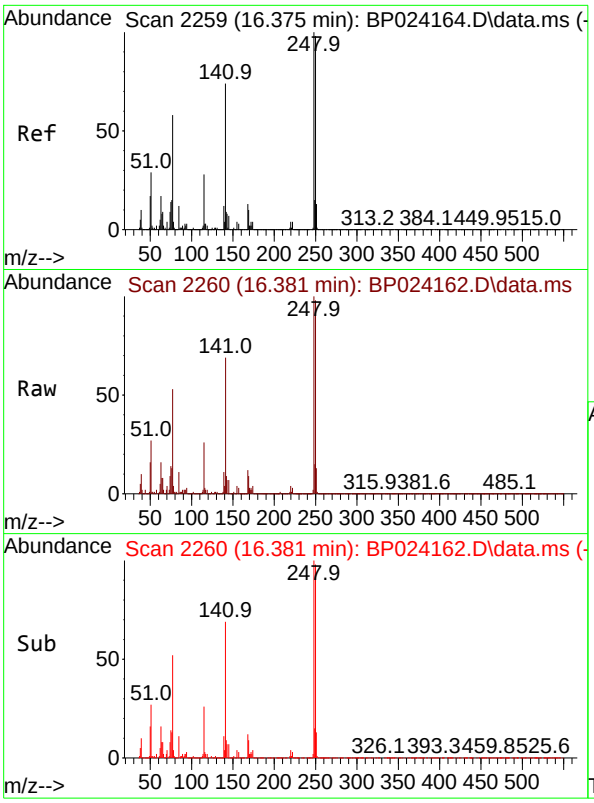


#66
n-Nitrosodiphenylamine
Concen: 9.352 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:169 Resp: 484111

Ion	Ratio	Lower	Upper
169	100		
168	68.3	52.9	79.3
167	36.0	28.8	43.2



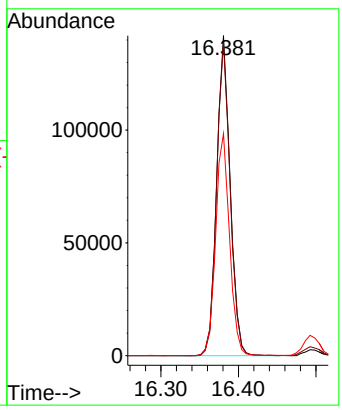


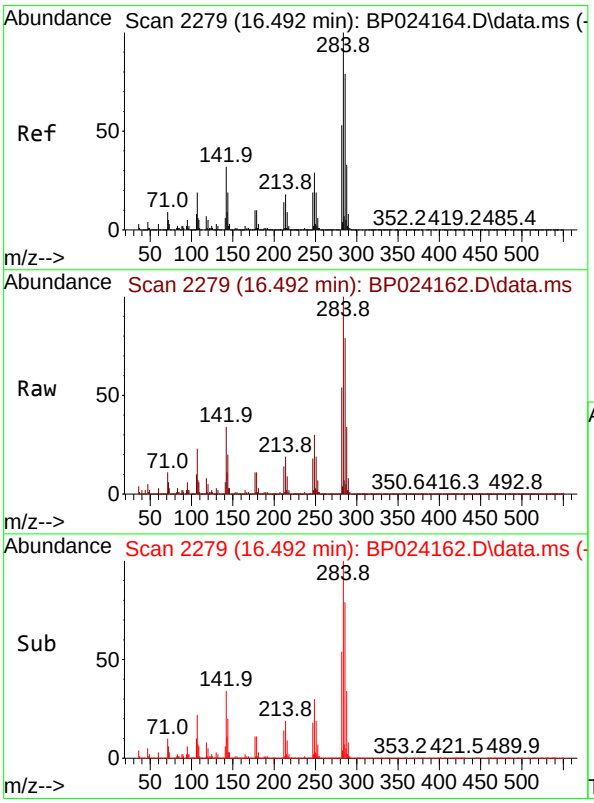
#67
4-Bromophenyl-phenylether
Concen: 9.207 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 171620

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.4	117.6
141	69.4	59.4	89.0

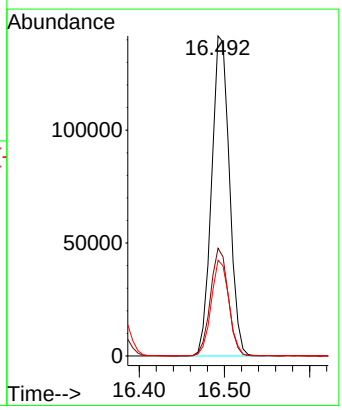


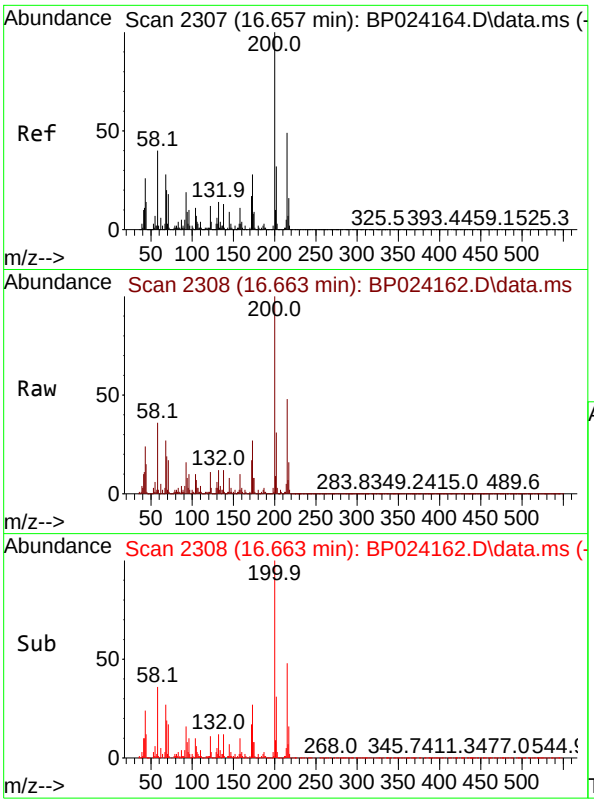


#68
Hexachlorobenzene
Concen: 9.414 ng
RT: 16.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:284 Resp: 206475

Ion	Ratio	Lower	Upper
284	100		
142	33.7	25.4	38.2
249	29.9	23.5	35.3



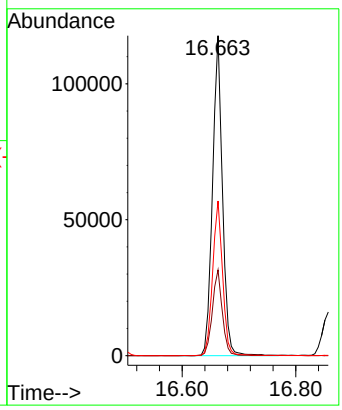


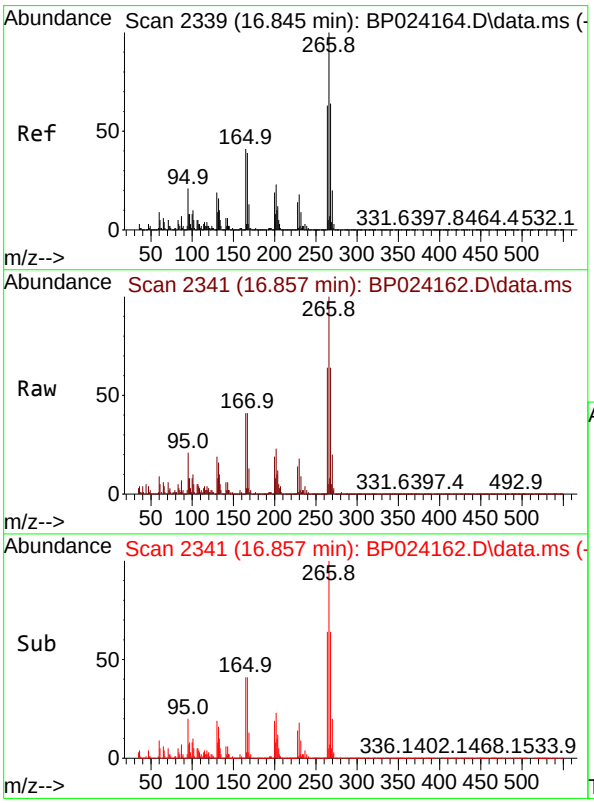
#69
Atrazine
Concen: 10.706 ng
RT: 16.663 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 142226

Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.6	47.6
215	48.3	29.0	69.0

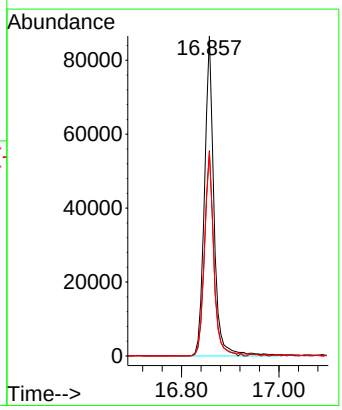


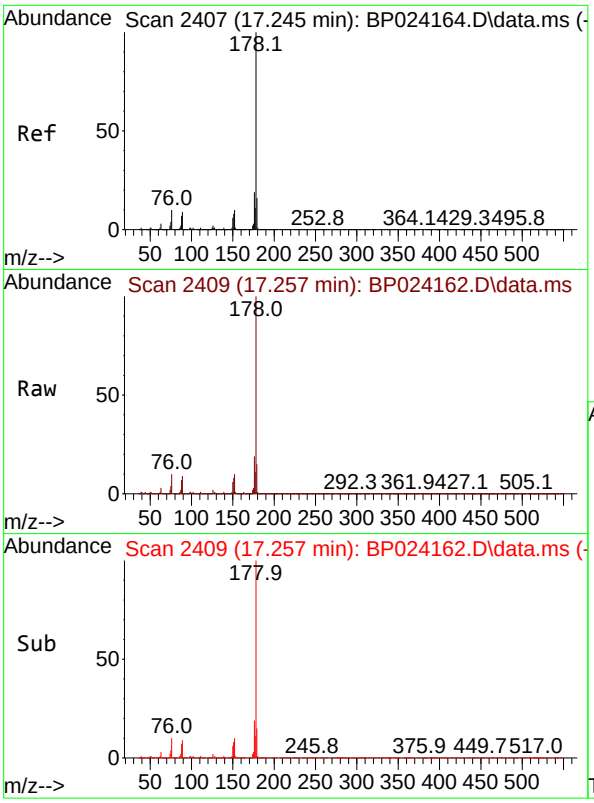


#70
Pentachlorophenol
Concen: 8.175 ng
RT: 16.857 min Scan# 2341
Delta R.T. 0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:266 Resp: 116455

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	63.7	50.6	76.0



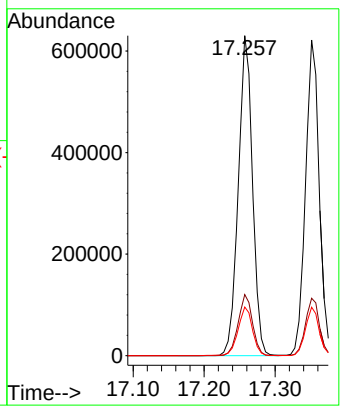


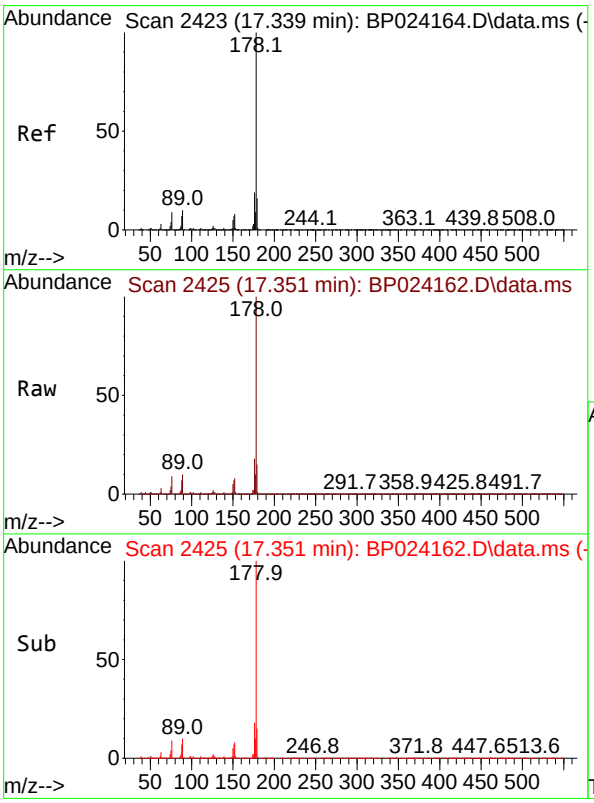
#71
Phenanthrene
Concen: 9.391 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 878834

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.2	12.5	18.7

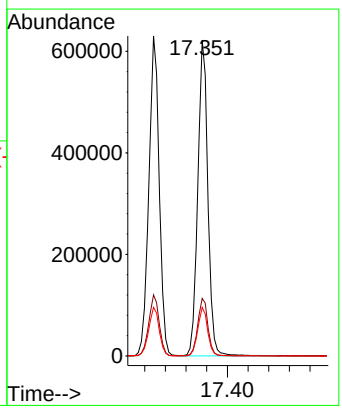


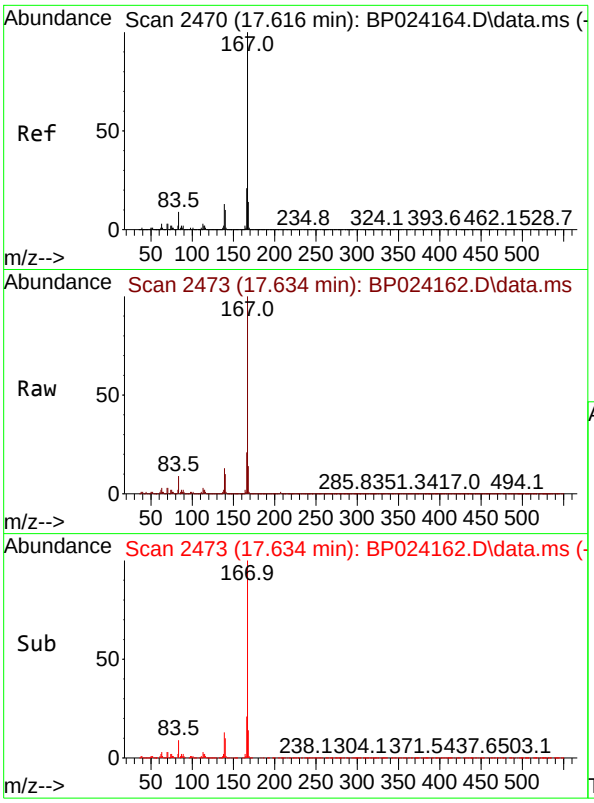


#72
Anthracene
Concen: 9.366 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:178 Resp: 839953

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	15.4	12.6	18.8



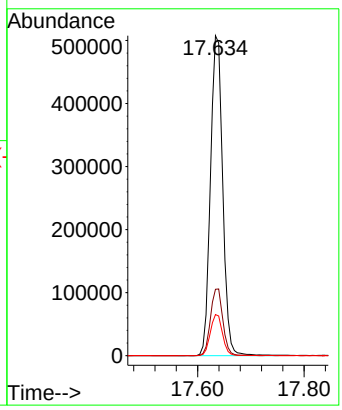


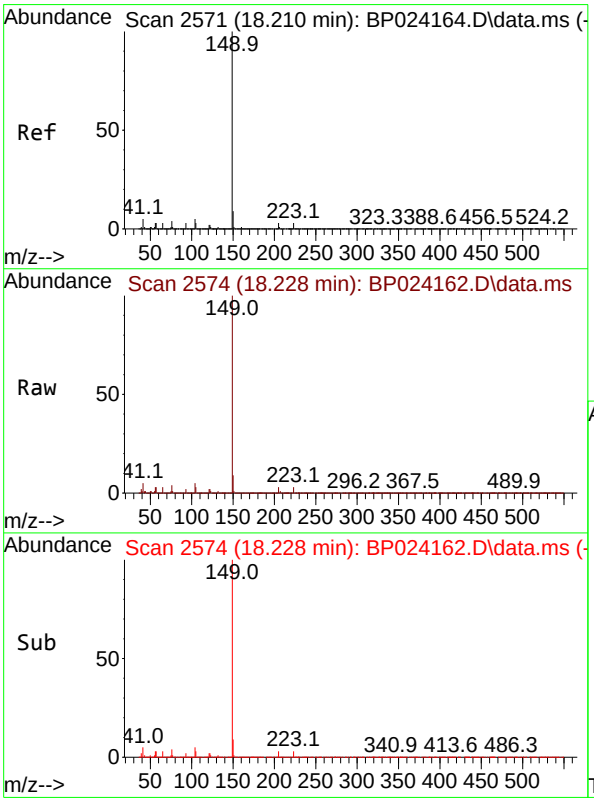
#73
Carbazole
Concen: 9.471 ng
RT: 17.634 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 809266

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	12.9	10.2	15.4

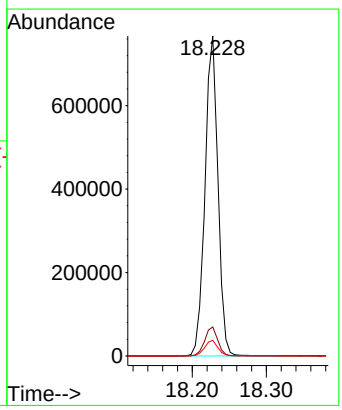


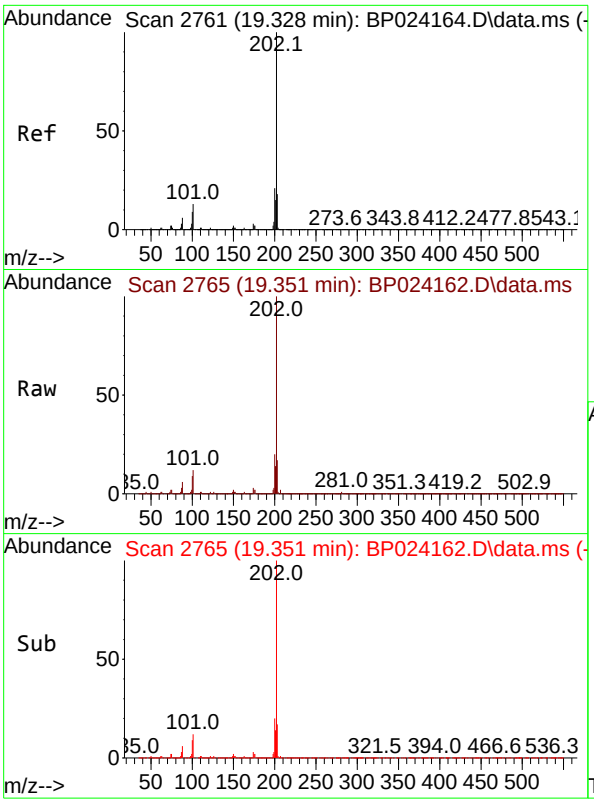


#74
Di-n-butylphthalate
Concen: 9.335 ng
RT: 18.228 min Scan# 2574
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:149 Resp: 930693

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.9	3.9	5.9



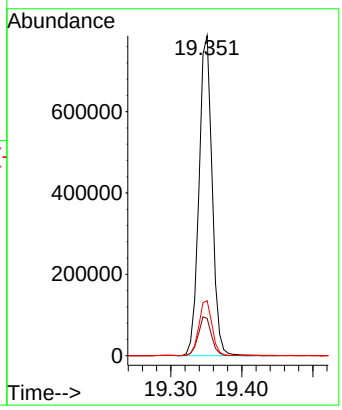


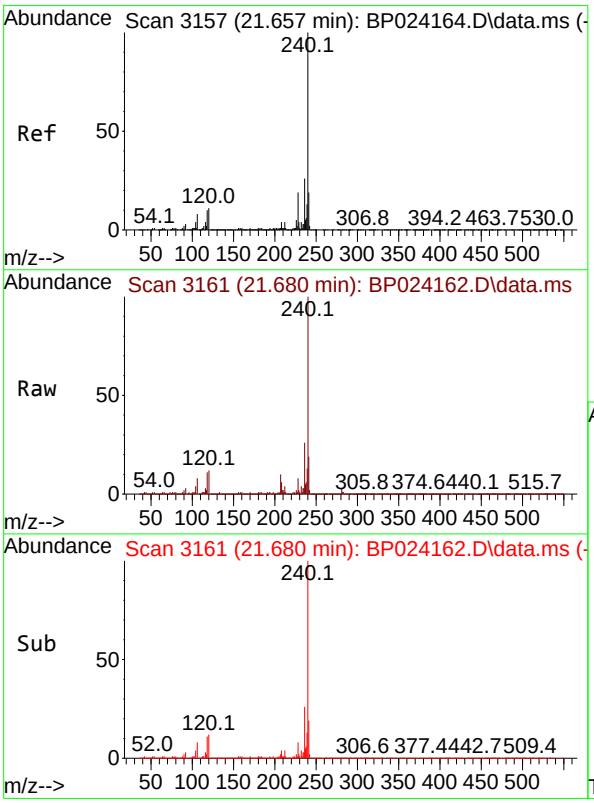
#75
Fluoranthene
Concen: 9.566 ng
RT: 19.351 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 1012600

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.5
203	17.2	0.0	37.9

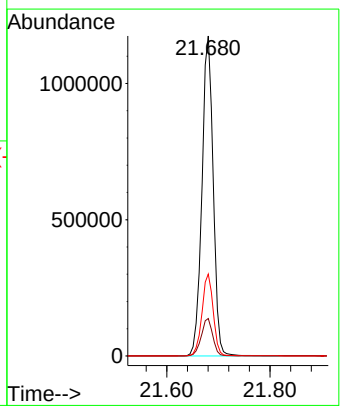


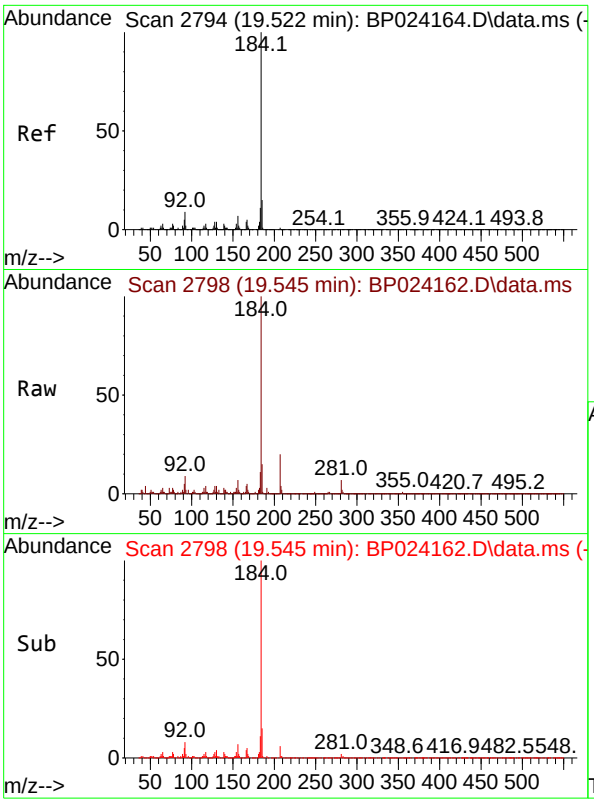


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.680 min Scan# 3161
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:240 Resp: 1774754

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	25.6	20.4	30.6



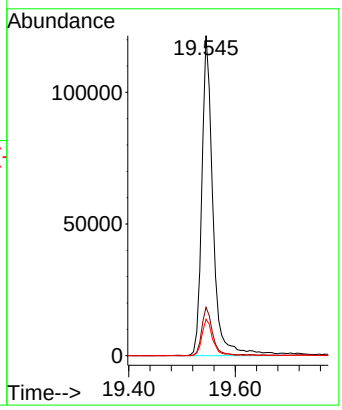


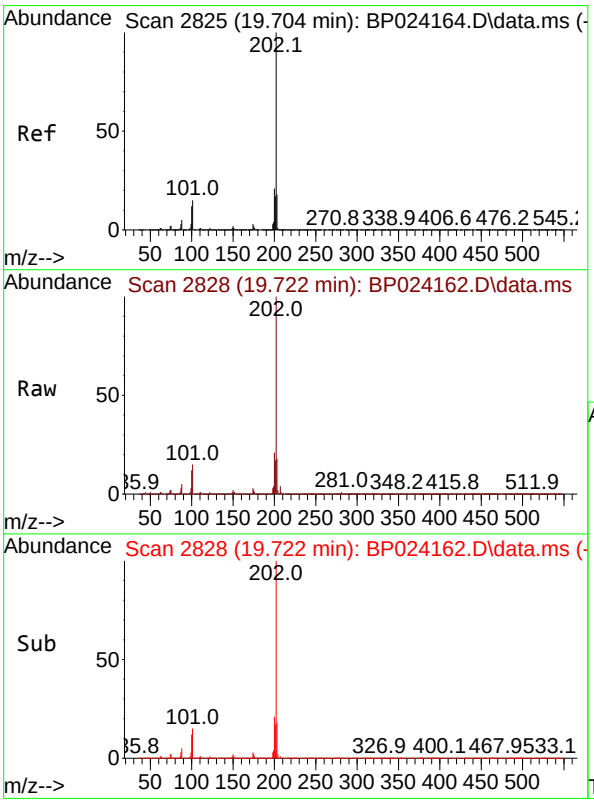
#77
Benzidine
Concen: 8.151 ng
RT: 19.545 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 176282

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.6
183	11.4	9.1	13.7

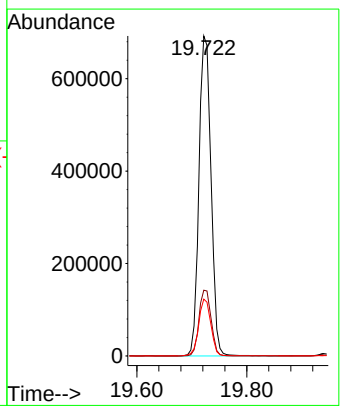


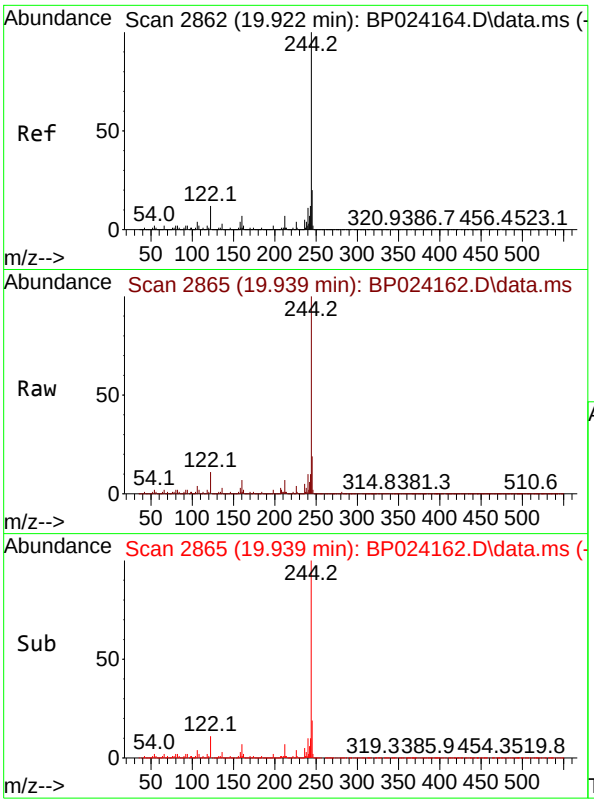


#78
Pyrene
Concen: 9.367 ng
RT: 19.722 min Scan# 2828
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:202 Resp: 1056004

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.1	25.7
203	17.7	14.2	21.4



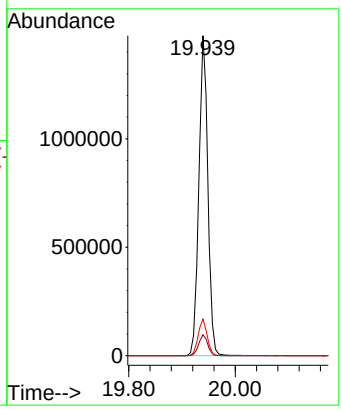


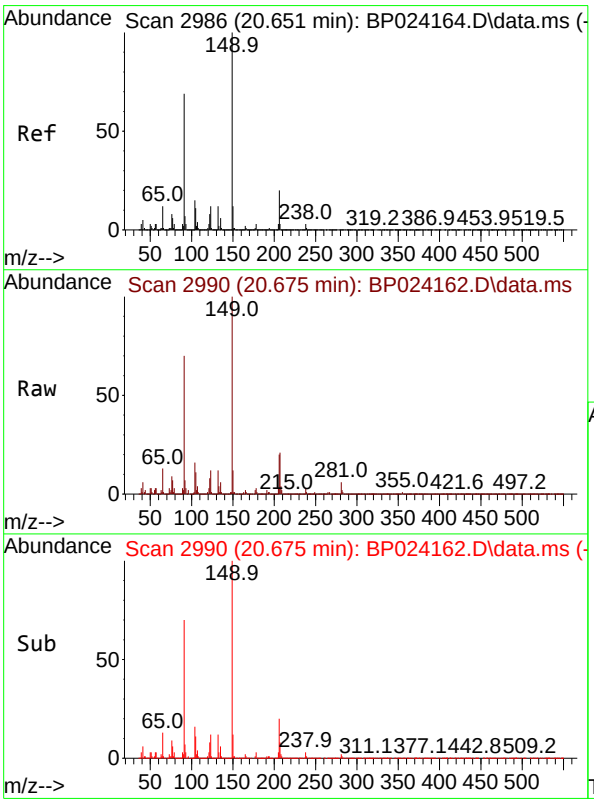
#79
Terphenyl-d14
Concen: 19.251 ng
RT: 19.939 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1726609

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.5	9.6	14.4

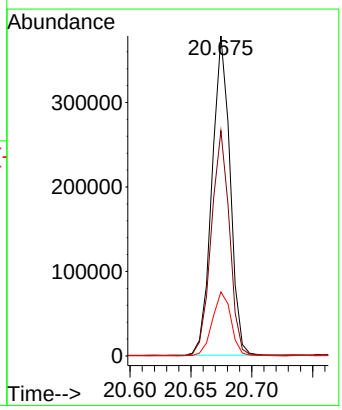


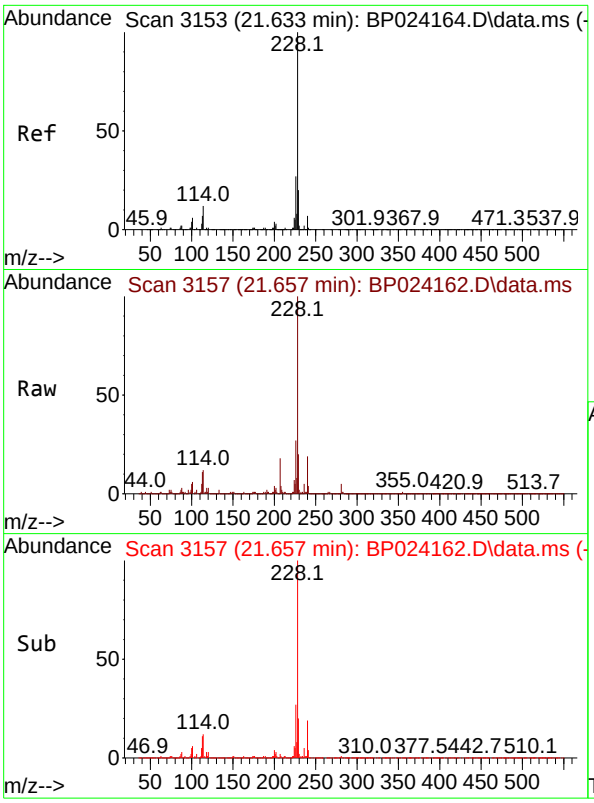


#80
Butylbenzylphthalate
Concen: 9.049 ng
RT: 20.675 min Scan# 2990
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:149 Resp: 390890

Ion	Ratio	Lower	Upper
149	100		
91	70.4	55.3	82.9
206	20.0	16.1	24.1



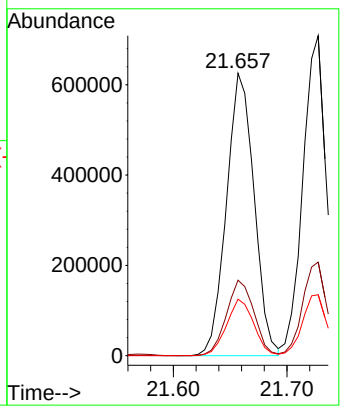


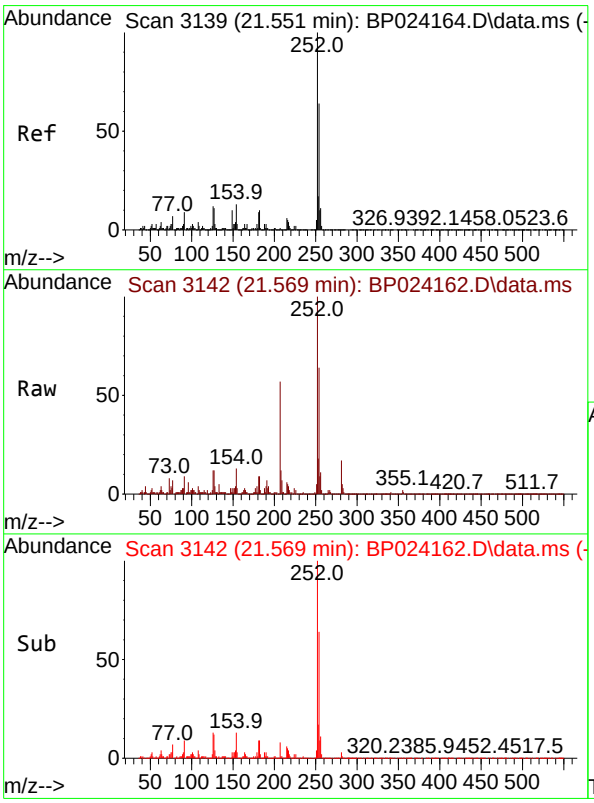
#81
Benzo(a)anthracene
Concen: 9.520 ng
RT: 21.657 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1059397

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	20.0	16.0	24.0

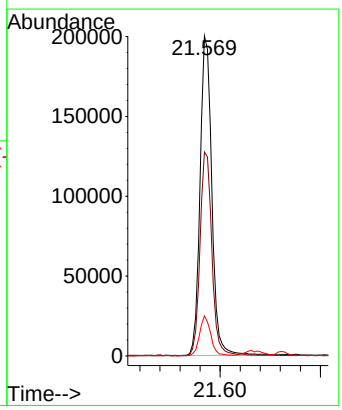


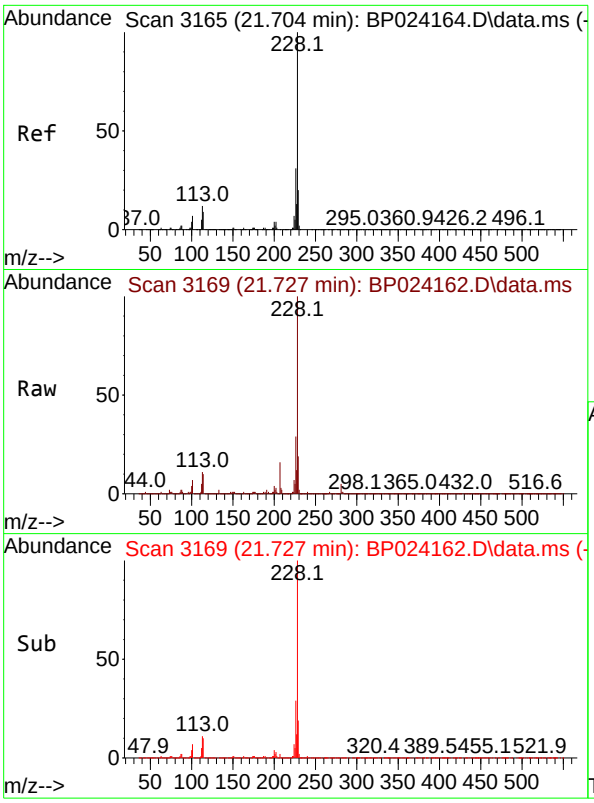


#82
3,3'-Dichlorobenzidine
Concen: 9.409 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:252 Resp: 327195

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.2
126	12.5	9.3	13.9



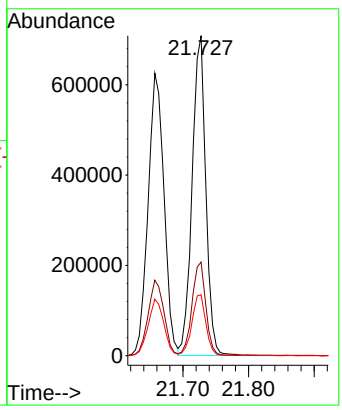


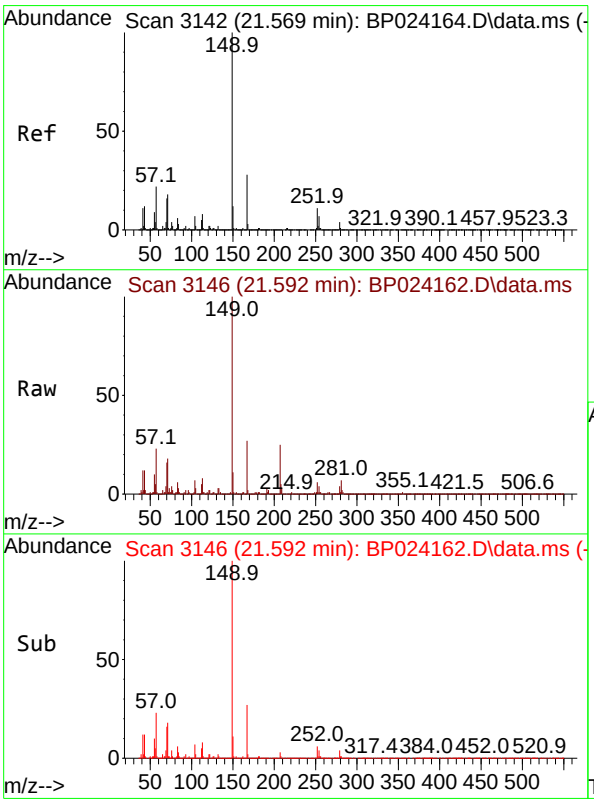
#83
Chrysene
Concen: 9.585 ng
RT: 21.727 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1028579

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.5	36.7
229	19.1	16.2	24.2

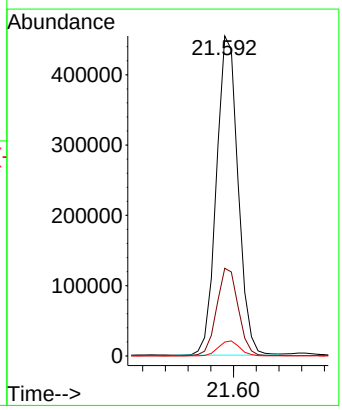


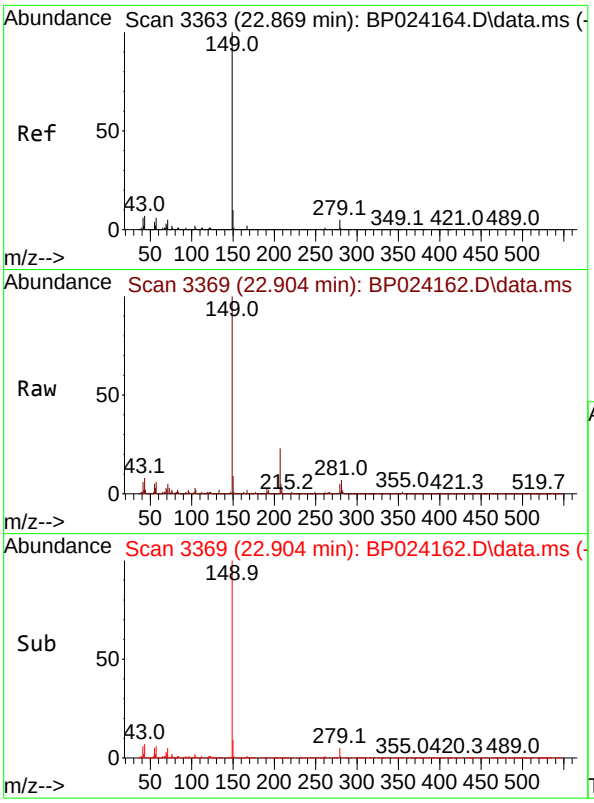


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.181 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:149 Resp: 601388

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.5	33.7
279	4.4	3.6	5.4



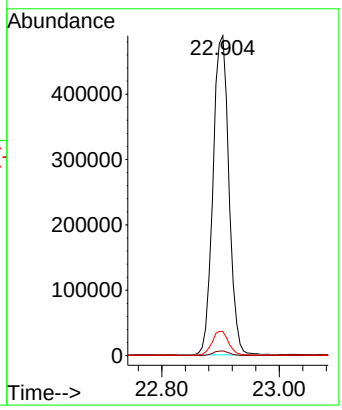


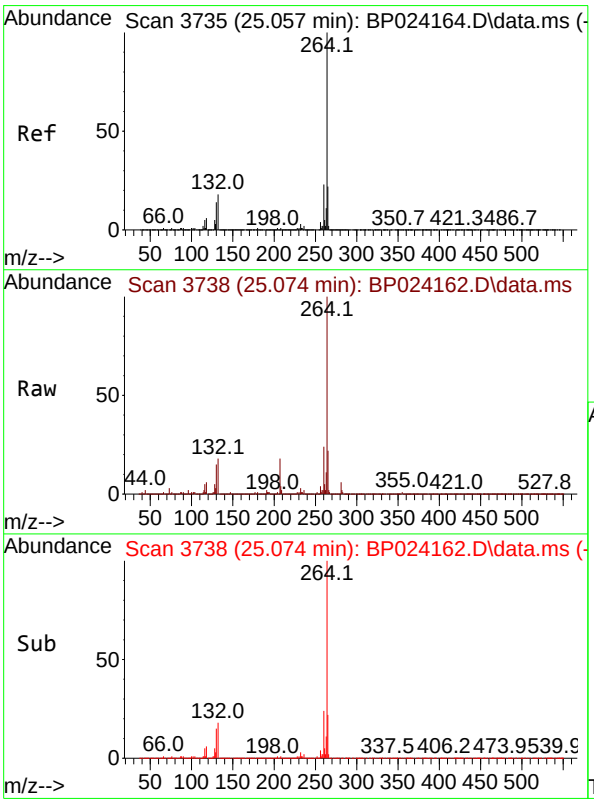
#85
Di-n-octyl phthalate
Concen: 8.757 ng
RT: 22.904 min Scan# 3
Delta R.T. 0.035 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 916941

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.8	5.8	8.8

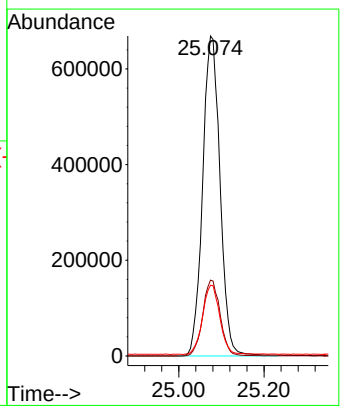


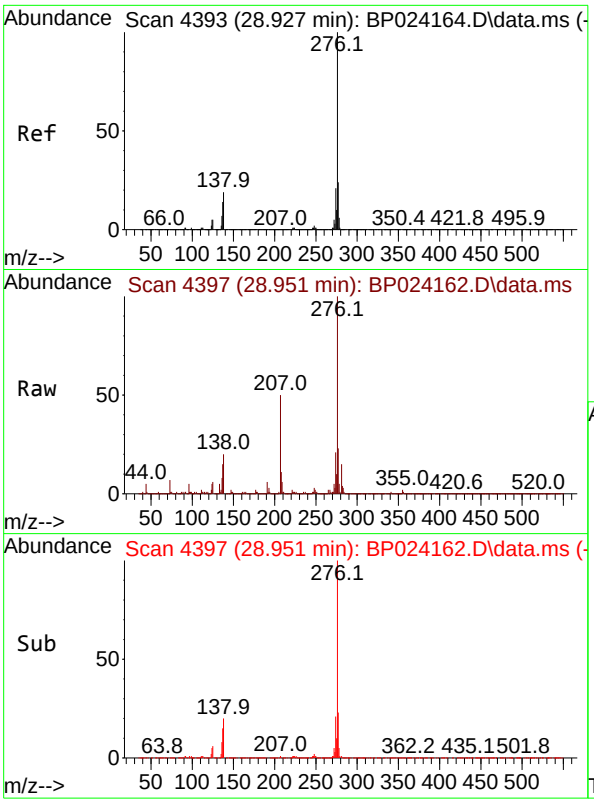


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.074 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:264 Resp: 1895165

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.1	17.7	26.5



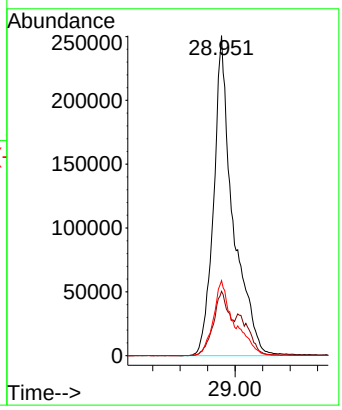


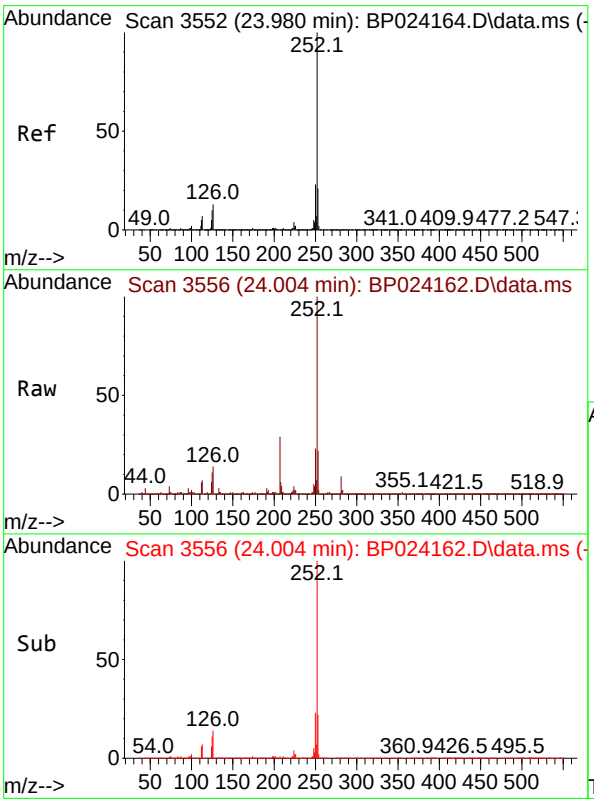
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.061 ng
RT: 28.951 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 1221650

Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.7	20.5
277	19.7	20.2	30.2#

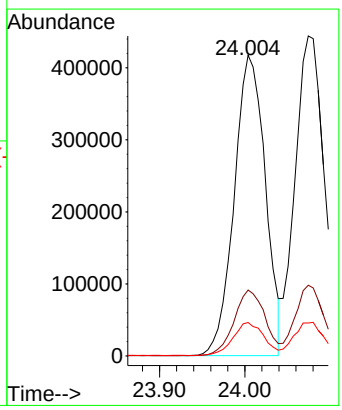


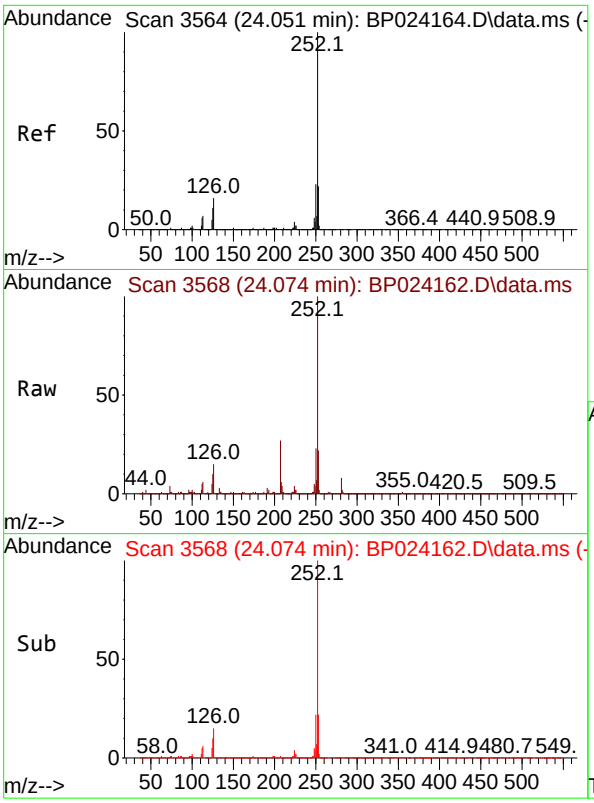


#88
Benzo(b)fluoranthene
Concen: 8.789 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:252 Resp: 1057737

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.1	8.2	12.4



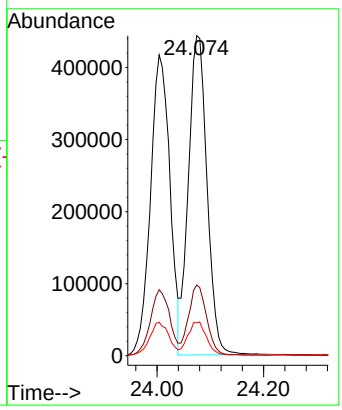


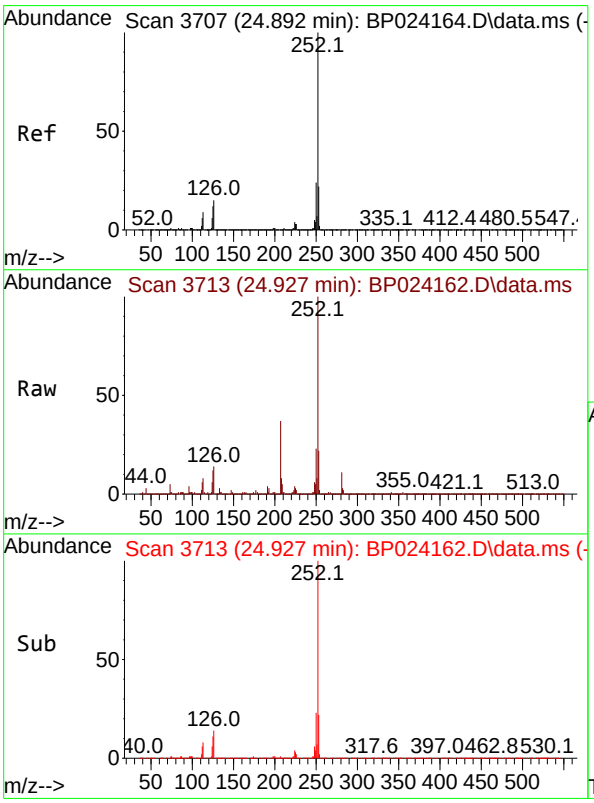
#89
Benzo(k)fluoranthene
Concen: 9.190 ng
RT: 24.074 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 1076560

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.3	9.1	13.7

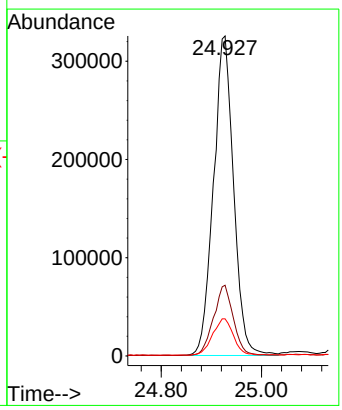


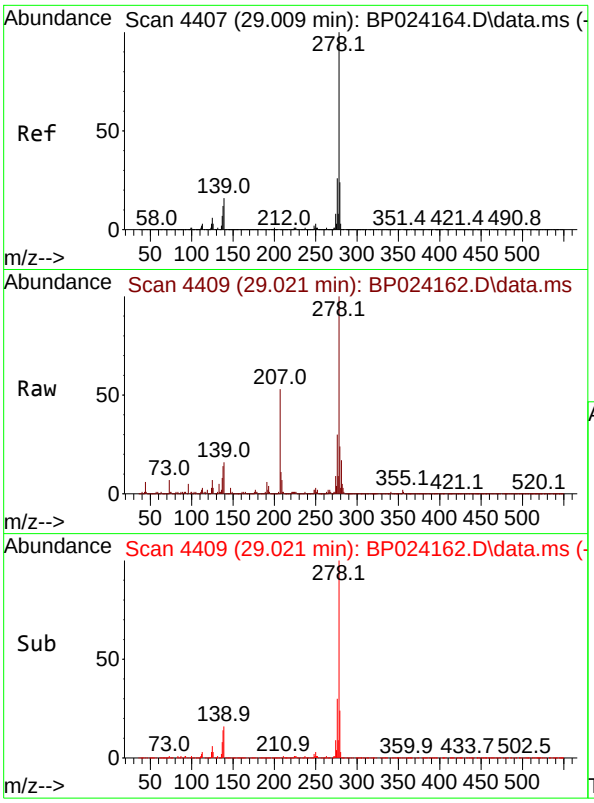


#90
Benzo(a)pyrene
Concen: 8.896 ng
RT: 24.927 min Scan# 3713
Delta R.T. 0.035 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:252 Resp: 908542

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.6	9.6	14.4



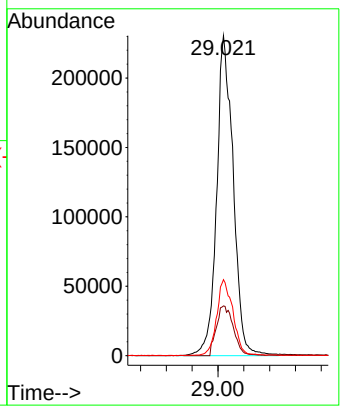


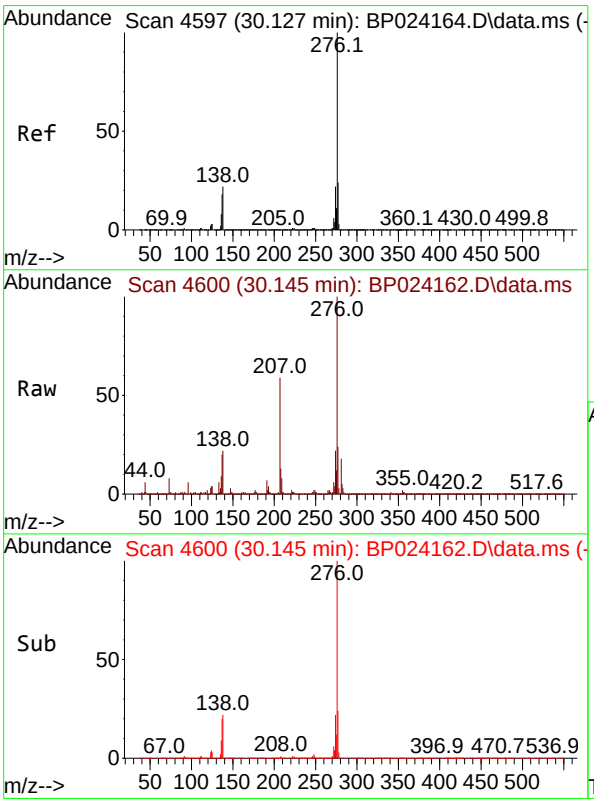
#91
Dibenzo(a,h)anthracene
Concen: 9.052 ng
RT: 29.021 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 1026140

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.0	19.4
279	23.7	18.8	28.2

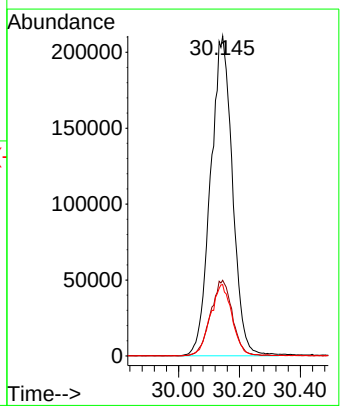




#92
Benzo(g,h,i)perylene
Concen: 9.121 ng
RT: 30.145 min Scan# 4600
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:276 Resp: 1049241

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	22.3	17.4	26.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024163.D
Acq On : 12 Mar 2025 18:19
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Mar 13 04:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	353514	20.000	ng		0.00
21) Naphthalene-d8	10.545	136	1479701	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	895871	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1698224	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1778727	20.000	ng		0.00
86) Perylene-d12	25.062	264	1914395	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	924270	40.796	ng		0.00
7) Phenol-d6	6.952	99	1235081	42.415	ng		0.00
23) Nitrobenzene-d5	8.916	82	1081750	40.785	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	459354	41.861	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2543735	39.695	ng		0.00
79) Terphenyl-d14	19.927	244	3676388	40.898	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	183072	20.599	ng		99
3) Pyridine	3.716	79	496891	21.504	ng		99
4) n-Nitrosodimethylamine	3.622	42	168162	20.517	ng		96
6) Aniline	7.104	93	585428	21.953	ng		99
8) 2-Chlorophenol	7.340	128	499424	20.827	ng		99
9) Benzaldehyde	6.922	77	328740	24.728	ng		99
10) Phenol	6.975	94	619974	21.173	ng		100
11) bis(2-Chloroethyl)ether	7.199	93	497357	21.565	ng		100
12) 1,3-Dichlorobenzene	7.663	146	537900	20.418	ng		99
13) 1,4-Dichlorobenzene	7.804	146	552358	20.733	ng		99
14) 1,2-Dichlorobenzene	8.122	146	528080	20.654	ng		99
15) Benzyl Alcohol	8.004	79	387410	21.735	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	506774	22.636	ng		97
17) 2-Methylphenol	8.210	107	395947	22.190	ng		99
18) Hexachloroethane	8.846	117	193543	20.172	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	370486	23.663	ng		100
20) 3+4-Methylphenols	8.534	107	541047	22.289	ng		98
22) Acetophenone	8.587	105	786239	20.677	ng	#	100
24) Nitrobenzene	8.963	77	535855	20.529	ng		99
25) Isophorone	9.487	82	933509	21.523	ng		99
26) 2-Nitrophenol	9.669	139	246943	20.534	ng		99
27) 2,4-Dimethylphenol	9.728	122	325916	20.646	ng		100
28) bis(2-Chloroethoxy)met...	9.957	93	648792	20.649	ng		100
29) 2,4-Dichlorophenol	10.204	162	440705	20.457	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	486293	19.702	ng		99
31) Naphthalene	10.598	128	1625925	20.436	ng		99
32) Benzoic acid	9.845	122	280702	19.396	ng		99
33) 4-Chloroaniline	10.704	127	588052	20.980	ng		99
34) Hexachlorobutadiene	10.887	225	276905	19.369	ng		98
35) Caprolactam	11.487	113	143023	21.924	ng		98
36) 4-Chloro-3-methylphenol	11.839	107	479996	21.674	ng		99
37) 2-Methylnaphthalene	12.210	142	1090957	20.630	ng		98
38) 1-Methylnaphthalene	12.434	142	1077045	20.936	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	533843	19.394	ng		100
41) Hexachlorocyclopentadiene	12.563	237	191514	18.697	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	339357	20.216	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024163.D
Acq On : 12 Mar 2025 18:19
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Mar 13 04:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	370561	20.184	ng		98
46) 1,1'-Biphenyl	13.228	154	1402874	20.152	ng		99
47) 2-Chloronaphthalene	13.269	162	1056861	20.083	ng		99
48) 2-Nitroaniline	13.469	65	268455	21.595	ng		98
49) Acenaphthylene	14.122	152	1590772	20.517	ng		100
50) Dimethylphthalate	13.857	163	1306638	20.677	ng		99
51) 2,6-Dinitrotoluene	13.969	165	271891	21.122	ng		97
52) Acenaphthene	14.469	154	1017503	20.379	ng		99
53) 3-Nitroaniline	14.304	138	293921	21.397	ng		97
54) 2,4-Dinitrophenol	14.516	184	130759	19.074	ng		99
55) Dibenzofuran	14.810	168	1643604	20.264	ng		99
56) 4-Nitrophenol	14.628	139	242843	20.466	ng		99
57) 2,4-Dinitrotoluene	14.769	165	358405	21.433	ng		97
58) Fluorene	15.469	166	1291744	20.392	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	326758	20.514	ng		99
60) Diethylphthalate	15.233	149	1287503	20.524	ng		99
61) 4-Chlorophenyl-phenyle...	15.469	204	623454	19.996	ng		99
62) 4-Nitroaniline	15.486	138	311347	21.841	ng		99
63) Azobenzene	15.763	77	1226441	20.864	ng		99
65) 4,6-Dinitro-2-methylph...	15.551	198	188346	19.162	ng		97
66) n-Nitrosodiphenylamine	15.680	169	1068735	20.181	ng		100
67) 4-Bromophenyl-phenylether	16.375	248	377534	19.797	ng		99
68) Hexachlorobenzene	16.498	284	447016	19.921	ng		96
69) Atrazine	16.657	200	265940	19.568	ng		99
70) Pentachlorophenol	16.851	266	282344	19.373	ng		99
71) Phenanthrene	17.251	178	1911548	19.965	ng		99
72) Anthracene	17.345	178	1870471	20.386	ng		100
73) Carbazole	17.622	167	1799842	20.589	ng		100
74) Di-n-butylphthalate	18.210	149	2118089	20.765	ng		100
75) Fluoranthene	19.327	202	2186012	20.186	ng		99
77) Benzidine	19.527	184	317361	14.642	ng		99
78) Pyrene	19.704	202	2310992	20.454	ng		100
80) Butylbenzylphthalate	20.657	149	912738	21.082	ng		99
81) Benzo(a)anthracene	21.639	228	2295776	20.583	ng		99
82) 3,3'-Dichlorobenzidine	21.557	252	762665	21.882	ng		100
83) Chrysene	21.704	228	2177924	20.250	ng		99
84) Bis(2-ethylhexyl)phtha...	21.574	149	1395096	21.249	ng		99
85) Di-n-octyl phthalate	22.874	149	2177750	20.752	ng		100
87) Indeno(1,2,3-cd)pyrene	28.939	276	2721144	19.980	ng	#	92
88) Benzo(b)fluoranthene	23.980	252	2407773	19.806	ng		100
89) Benzo(k)fluoranthene	24.051	252	2322149	19.624	ng		99
90) Benzo(a)pyrene	24.892	252	2038106	19.755	ng		99
91) Dibenzo(a,h)anthracene	28.997	278	2267016	19.797	ng		99
92) Benzo(g,h,i)perylene	30.127	276	2294574	19.746	ng		100

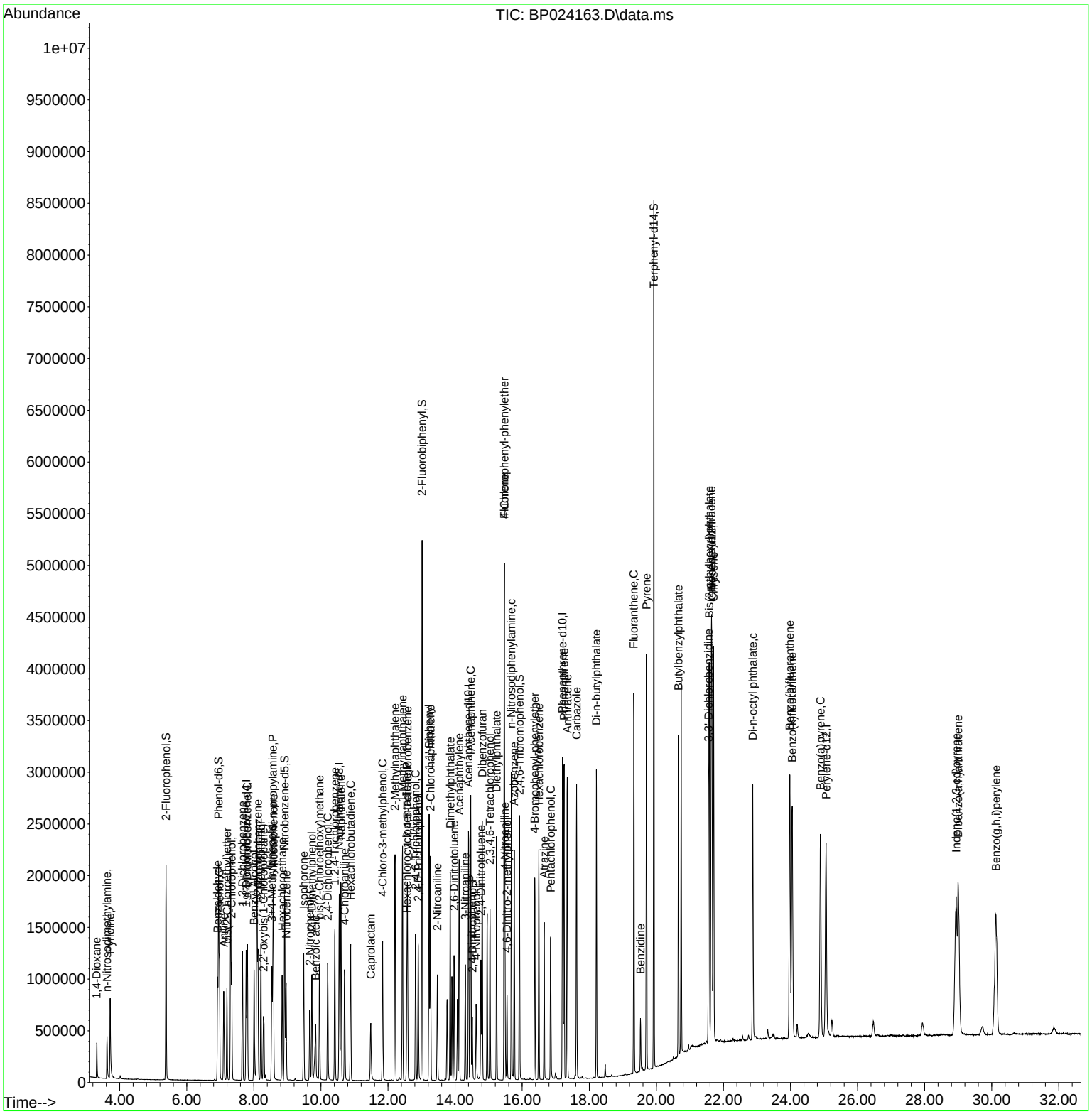
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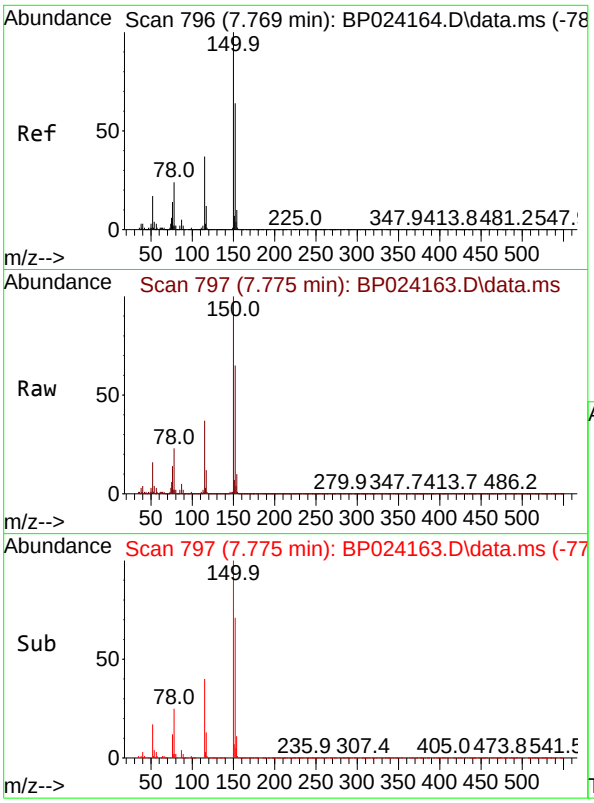
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024163.D
Acq On : 12 Mar 2025 18:19
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Mar 13 04:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



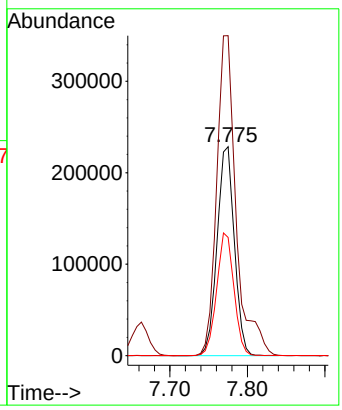


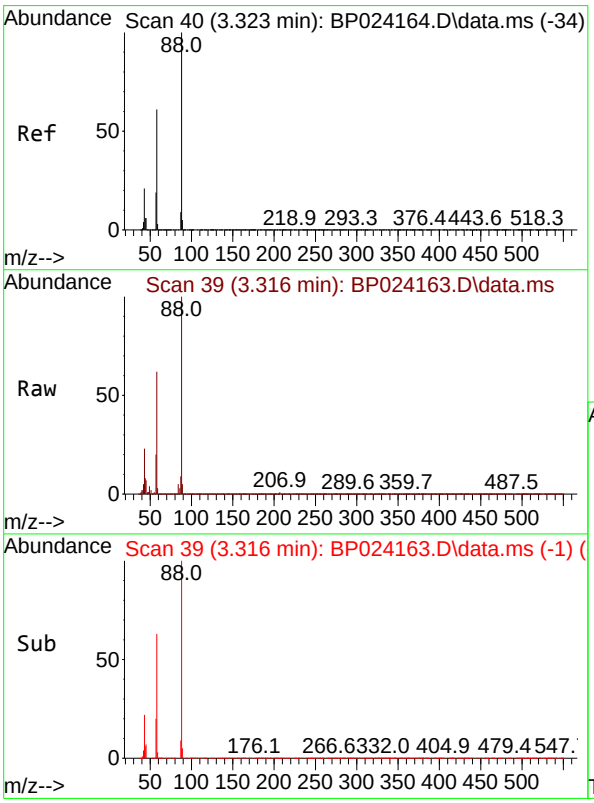
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 353514

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.5	188.3
115	56.6	46.3	69.5

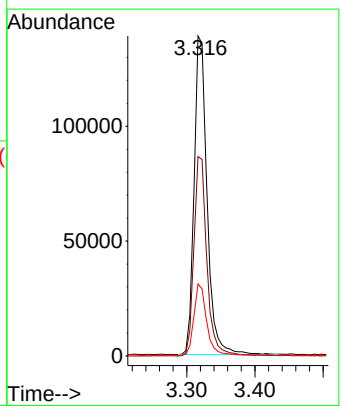


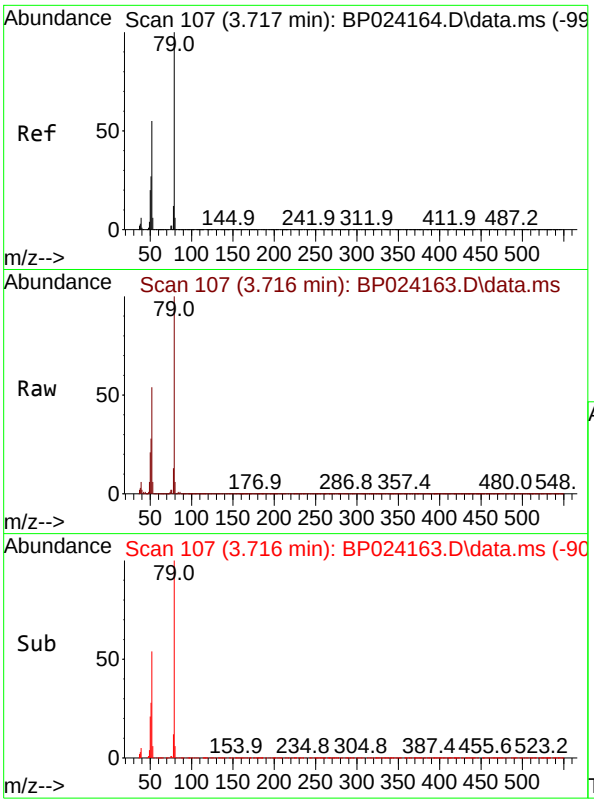


#2
1,4-Dioxane
Concen: 20.599 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 88 Resp: 183072

Ion	Ratio	Lower	Upper
88	100		
58	62.8	49.8	74.6
43	21.9	17.3	25.9



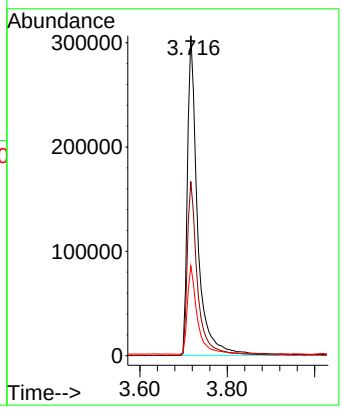


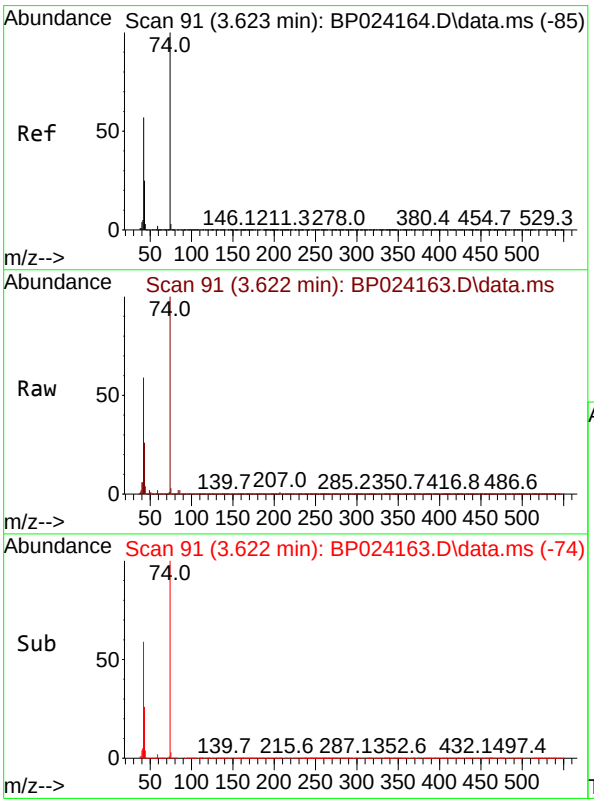
#3
Pyridine
Concen: 21.504 ng
RT: 3.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 496891

Ion	Ratio	Lower	Upper
79	100		
52	54.5	43.8	65.8
51	28.0	21.6	32.4

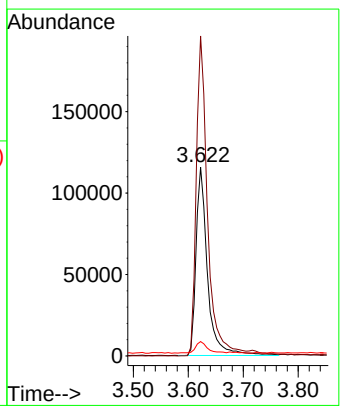


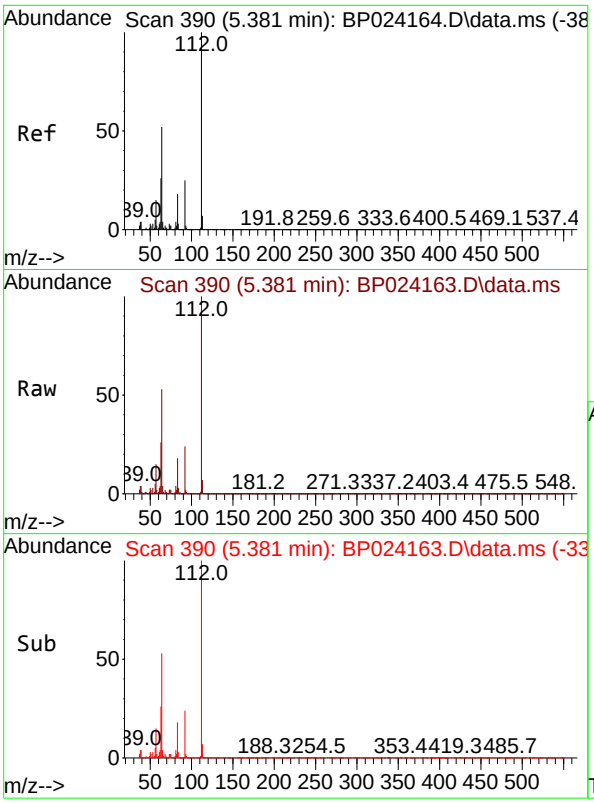


#4
n-Nitrosodimethylamine
Concen: 20.517 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 42 Resp: 168162

Ion	Ratio	Lower	Upper
42	100		
74	169.5	139.8	209.6
44	7.6	5.3	7.9



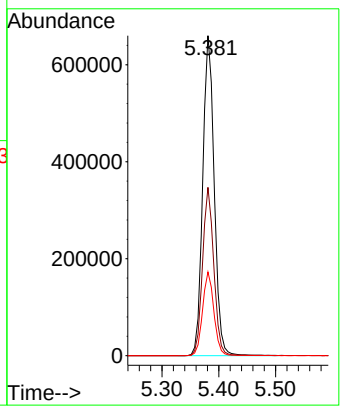


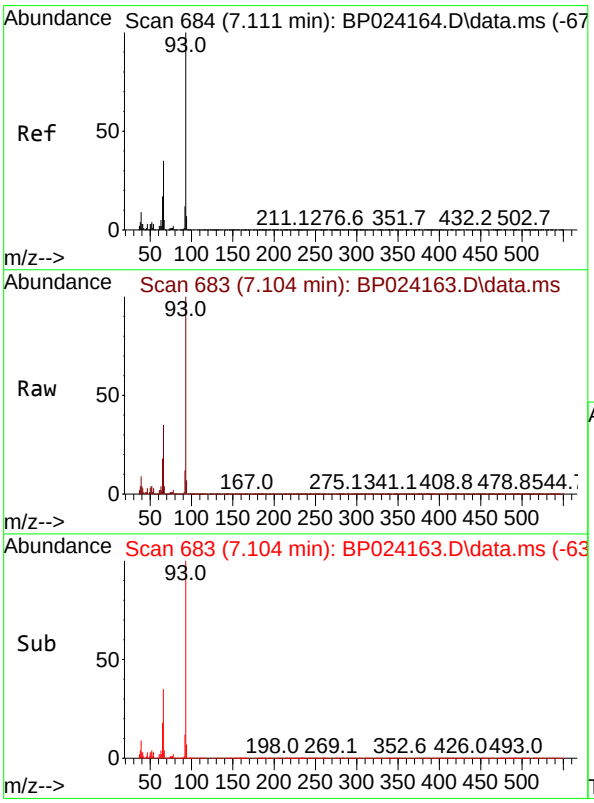
#5
2-Fluorophenol
Concen: 40.796 ng
RT: 5.381 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 924270

Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.3	61.9
63	26.2	20.6	31.0

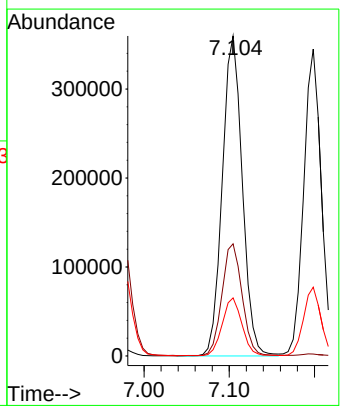


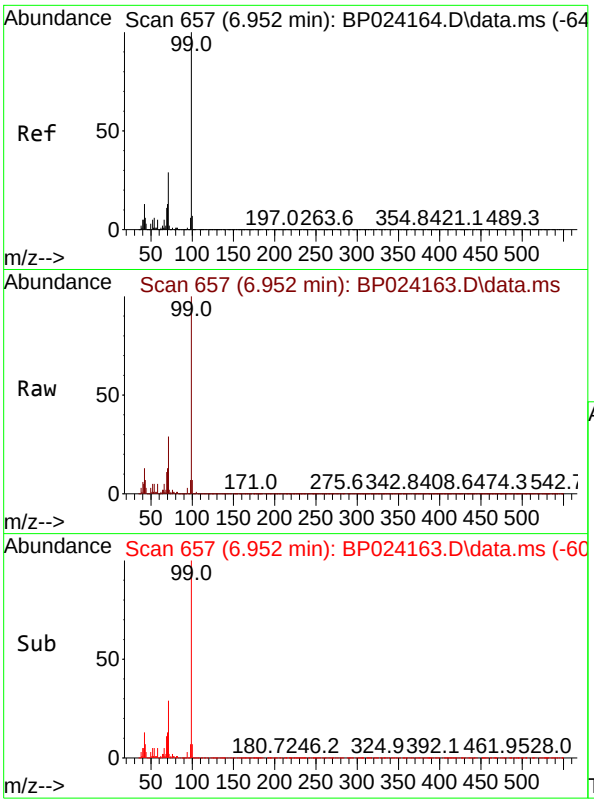


#6
Aniline
Concen: 21.953 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 93 Resp: 585428

Ion	Ratio	Lower	Upper
93	100		
66	35.0	28.2	42.2
65	18.1	14.0	21.0



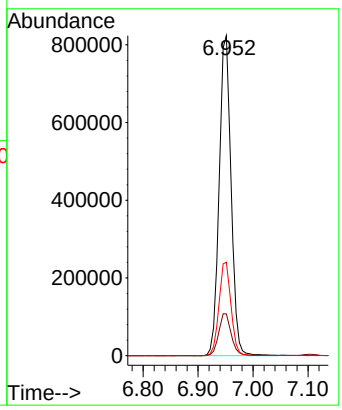


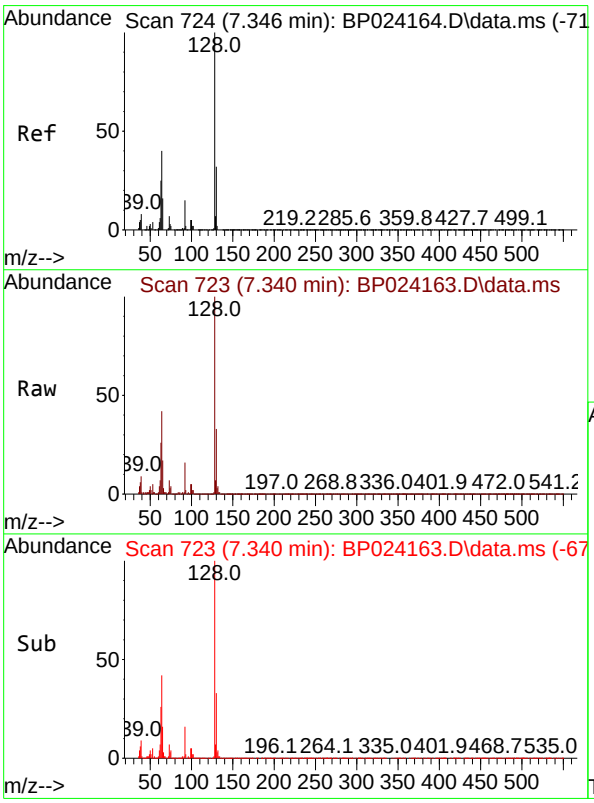
#7
Phenol-d6
Concen: 42.415 ng
RT: 6.952 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1235081

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.2	23.3	34.9

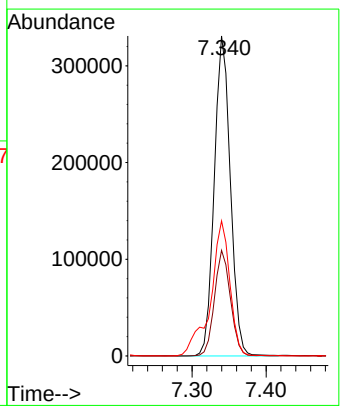


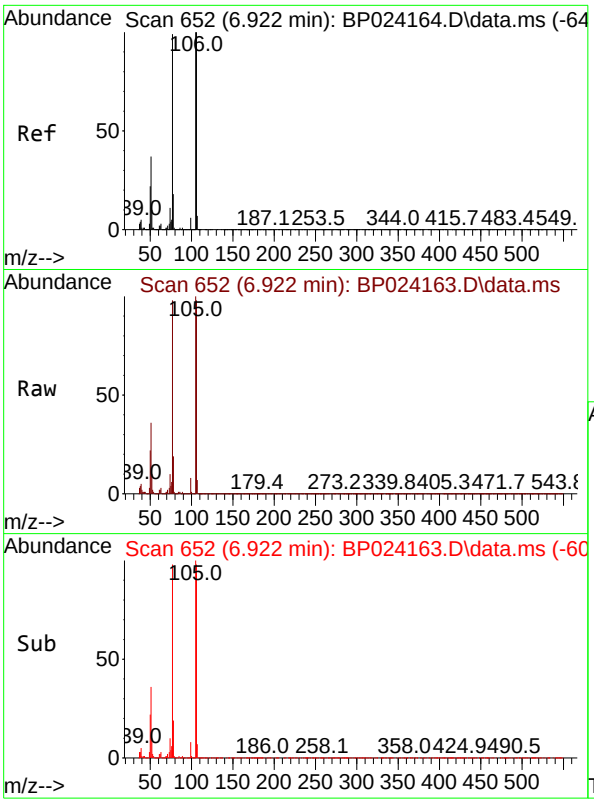


#8
2-Chlorophenol
Concen: 20.827 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:128 Resp: 499424

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.0	52.0
64	42.2	21.6	61.6



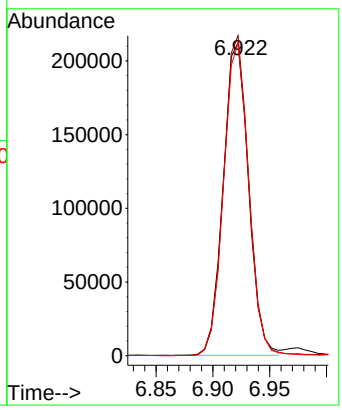


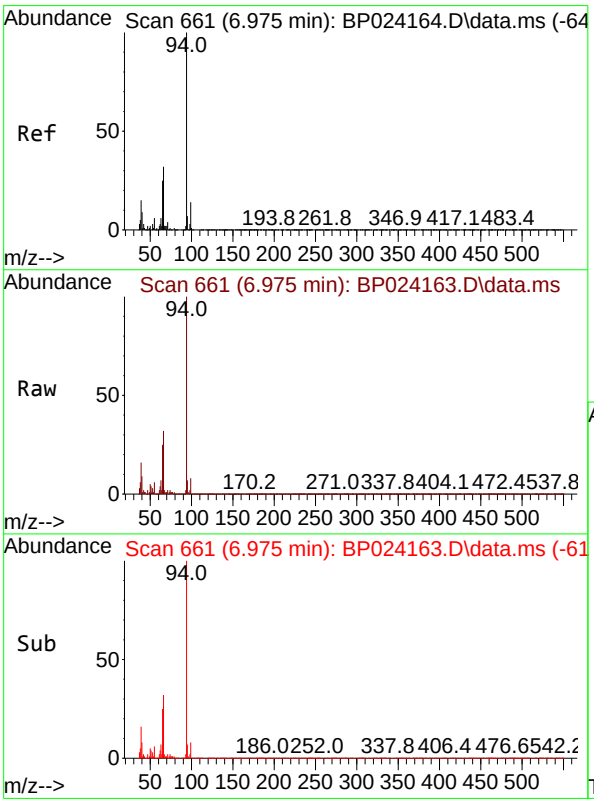
#9
Benzaldehyde
Concen: 24.728 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 328740

Ion	Ratio	Lower	Upper
77	100		
105	102.3	81.4	121.4
106	100.0	81.1	121.1

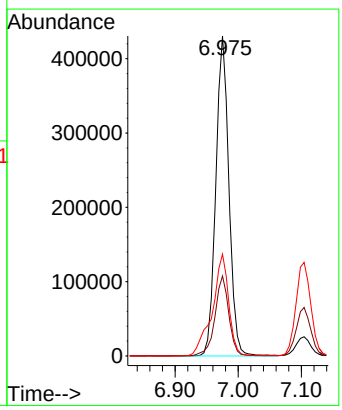


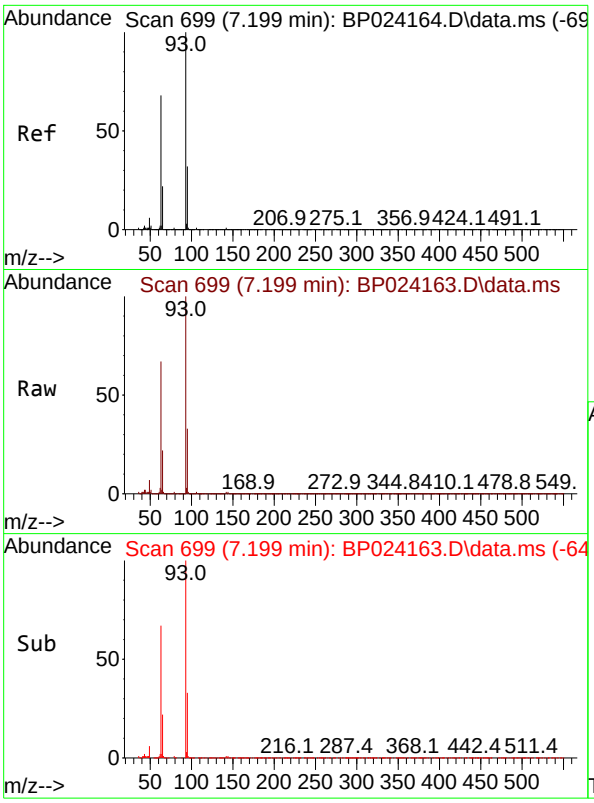


#10
Phenol
Concen: 21.173 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 94 Resp: 619974

Ion	Ratio	Lower	Upper
94	100		
65	25.0	4.9	44.9
66	31.8	11.9	51.9



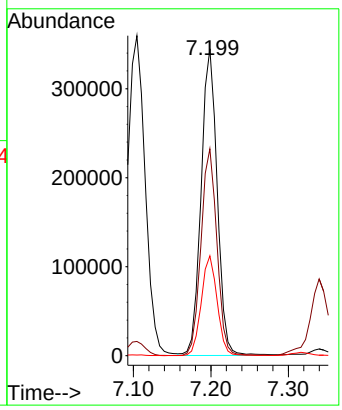


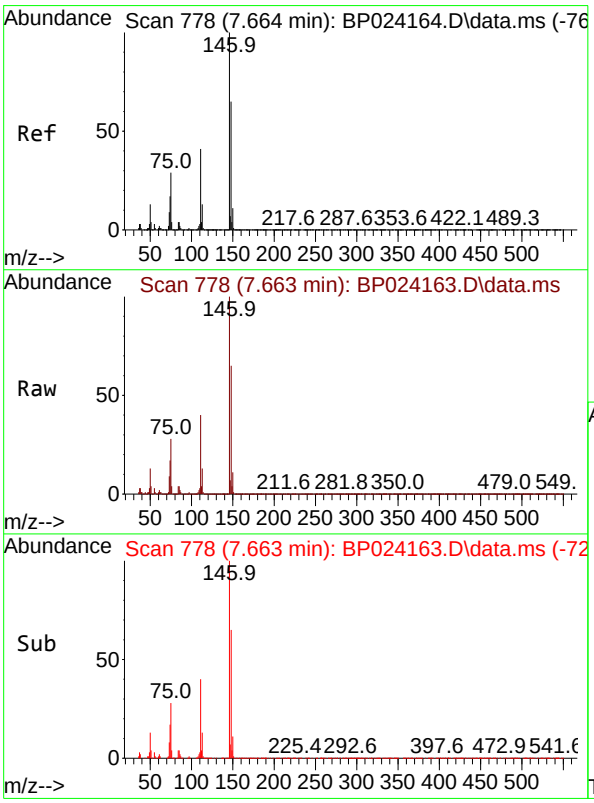
#11
bis(2-Chloroethyl)ether
Concen: 21.565 ng
RT: 7.199 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 497357

Ion	Ratio	Lower	Upper
93	100		
63	67.4	47.4	87.4
95	32.6	12.1	52.1

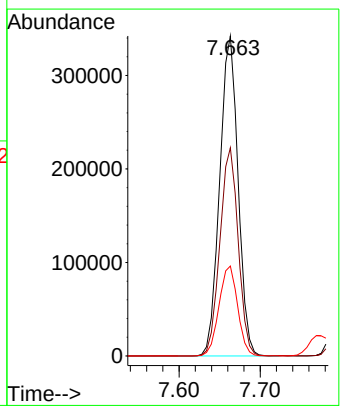


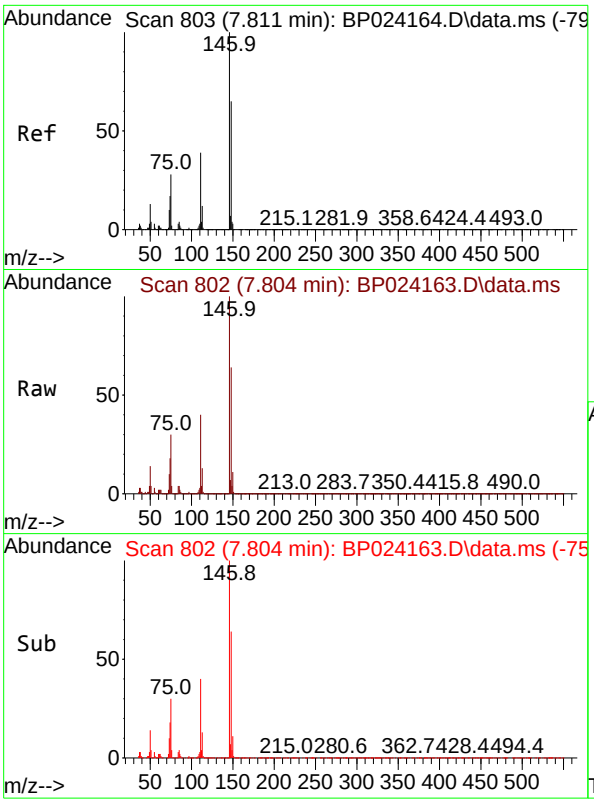


#12
1,3-Dichlorobenzene
Concen: 20.418 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:146 Resp: 537900

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
75	28.1	22.8	34.2



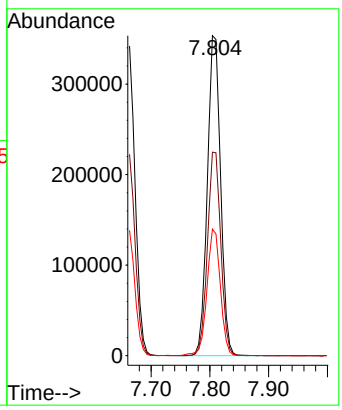


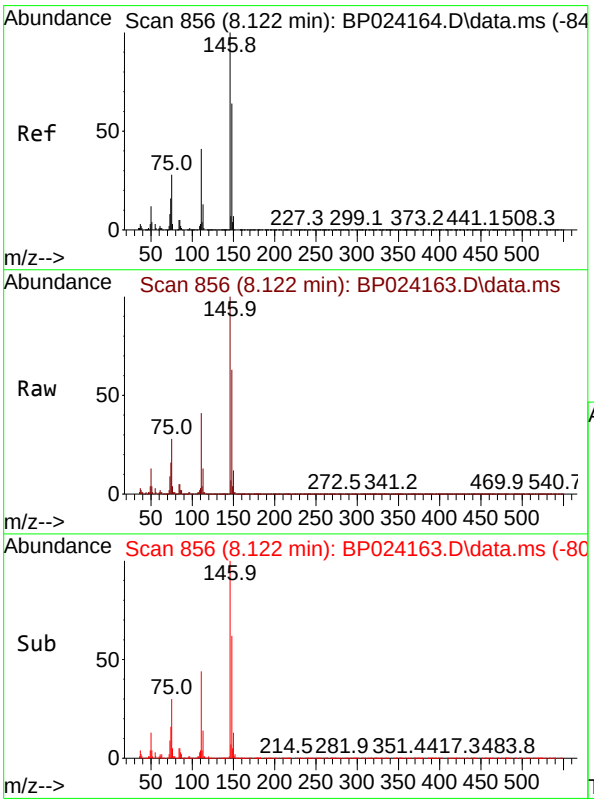
#13
1,4-Dichlorobenzene
Concen: 20.733 ng
RT: 7.804 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 552358

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	39.5	31.4	47.2

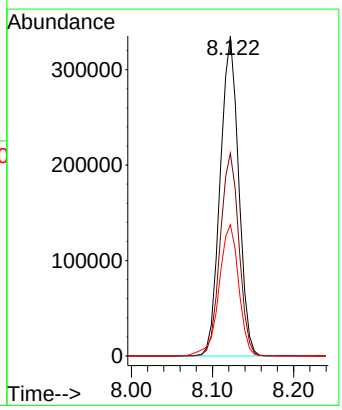


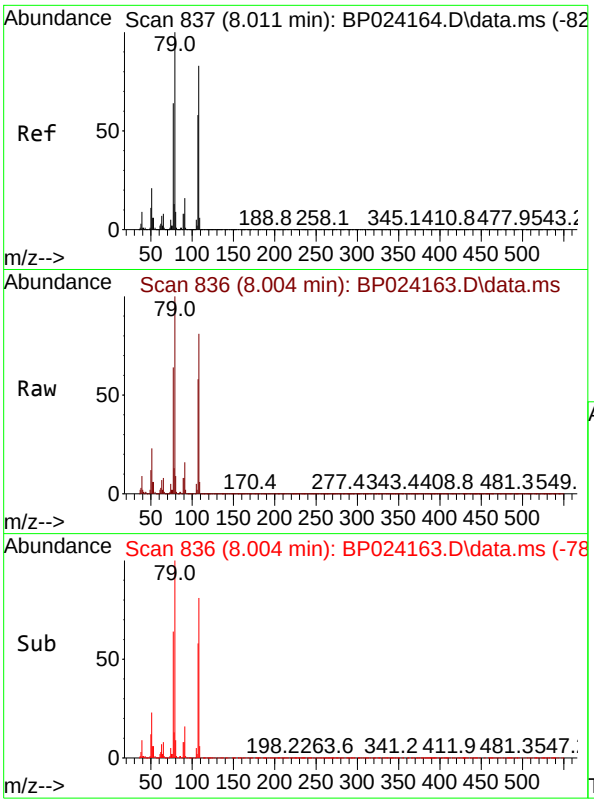


#14
1,2-Dichlorobenzene
Concen: 20.654 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:146 Resp: 528080

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
111	41.0	33.2	49.8



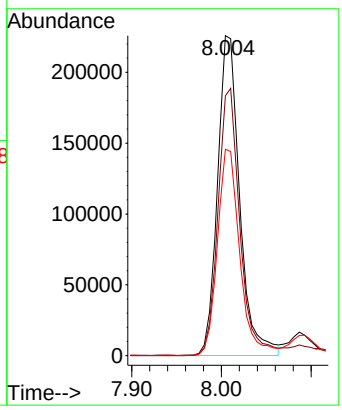


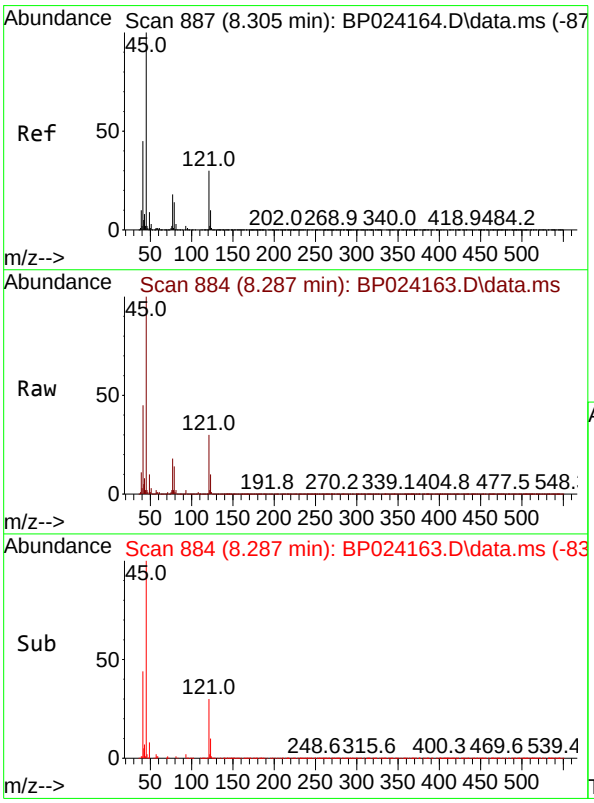
#15
Benzyl Alcohol
Concen: 21.735 ng
RT: 8.004 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 387410

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.5	99.7
77	64.5	50.9	76.3

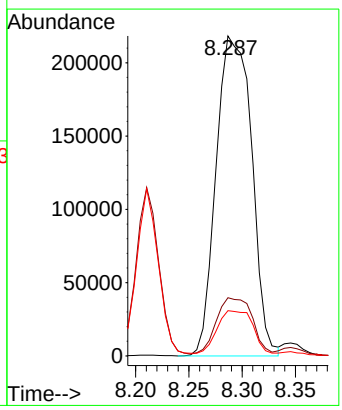


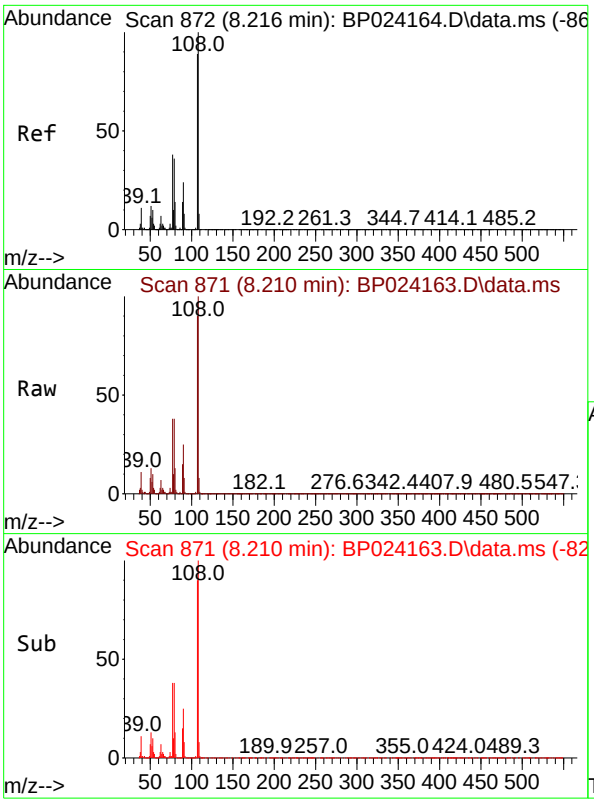


#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.636 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 45 Resp: 506774

Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	39.0
79	14.1	0.0	35.6



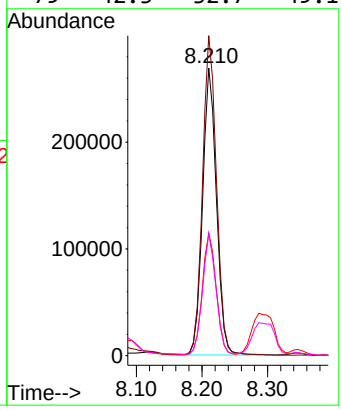


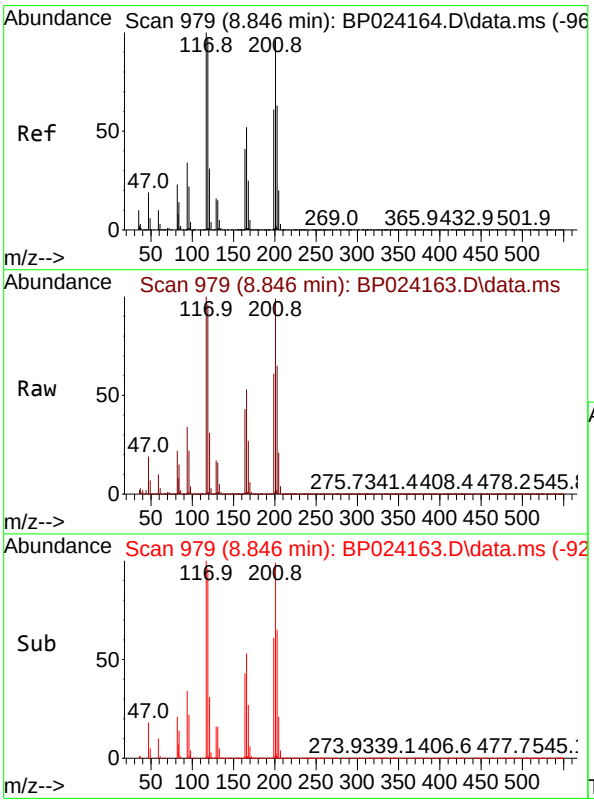
#17
2-Methylphenol
Concen: 22.190 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 395947

Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.0	135.0
77	42.6	34.0	51.0
79	42.3	32.7	49.1

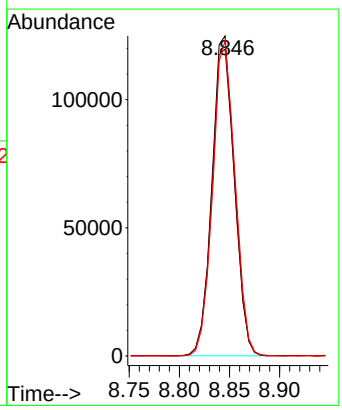


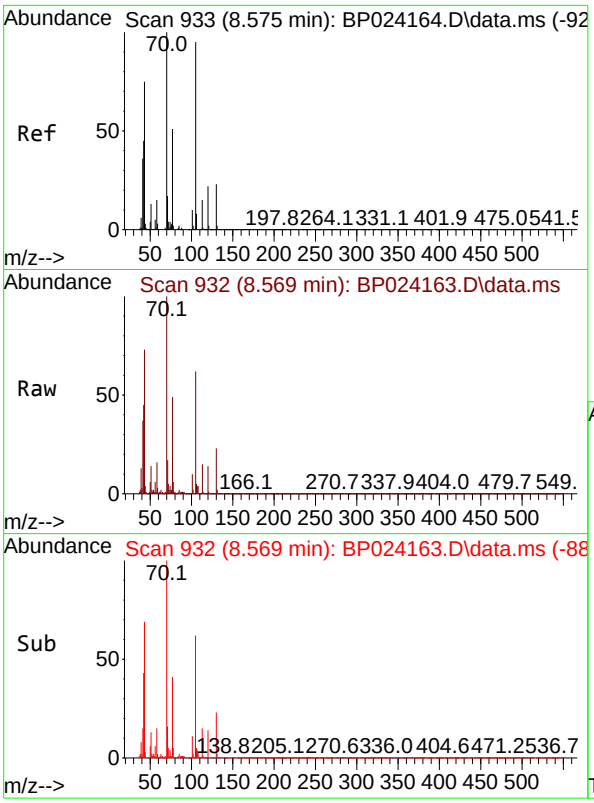


#18
Hexachloroethane
Concen: 20.172 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:117 Resp: 193543

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
201	98.5	76.6	114.8



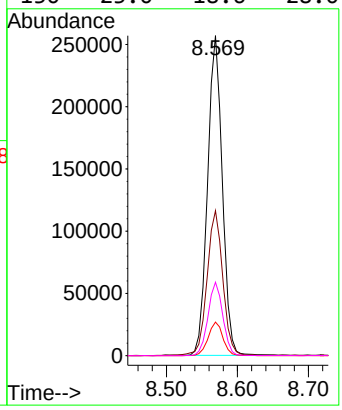


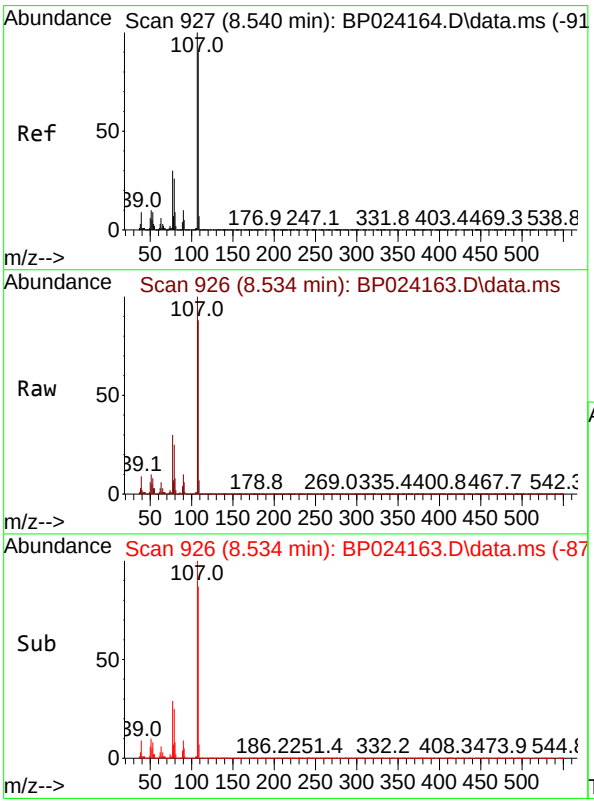
#19
n-Nitroso-di-n-propylamine
Concen: 23.663 ng
RT: 8.569 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 370486

Ion	Ratio	Lower	Upper
70	100		
42	45.3	36.0	54.0
101	10.5	8.3	12.5
130	23.0	18.6	28.0

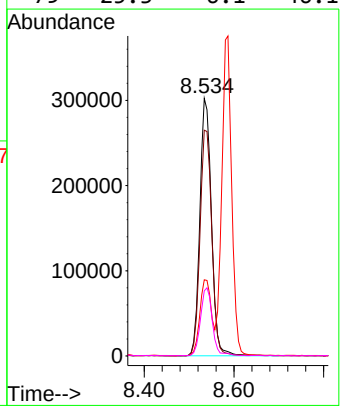


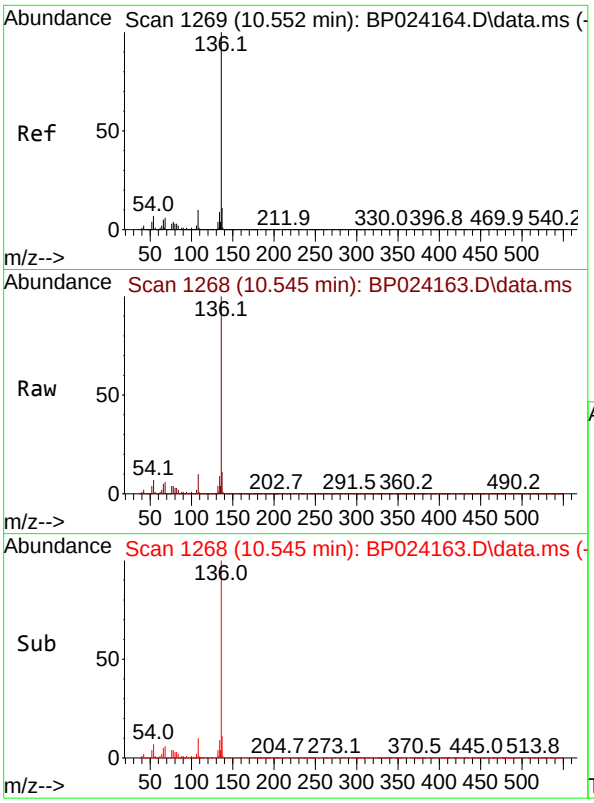


#20
3+4-Methylphenols
Concen: 22.289 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:107 Resp: 541047

Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.7	109.7
77	29.6	10.3	50.3
79	25.3	6.1	46.1



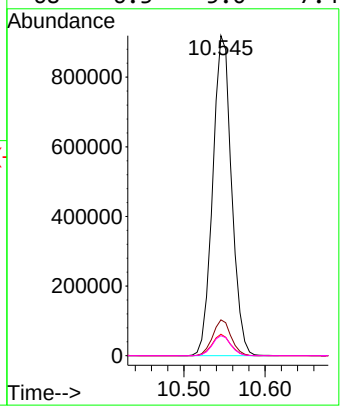


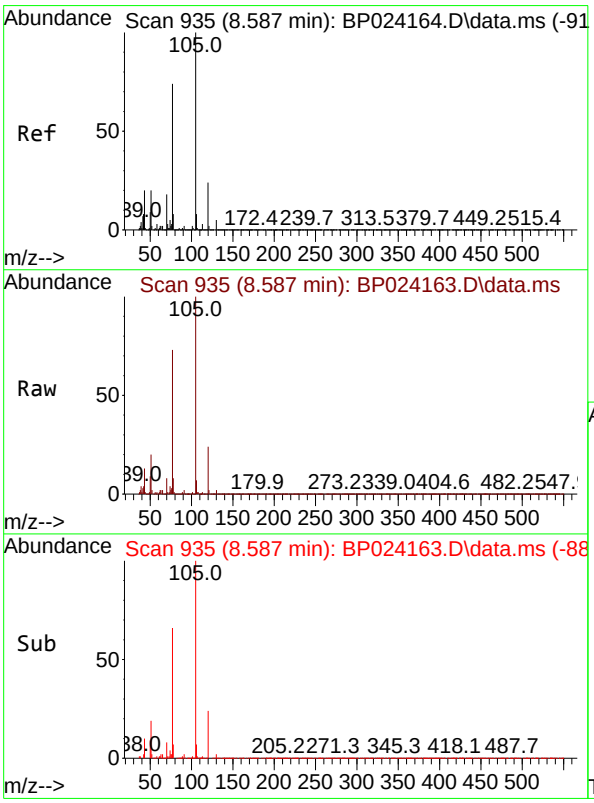
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1479701

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.7	5.3	7.9
68	6.3	5.0	7.4

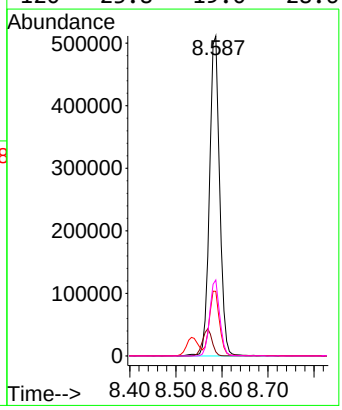


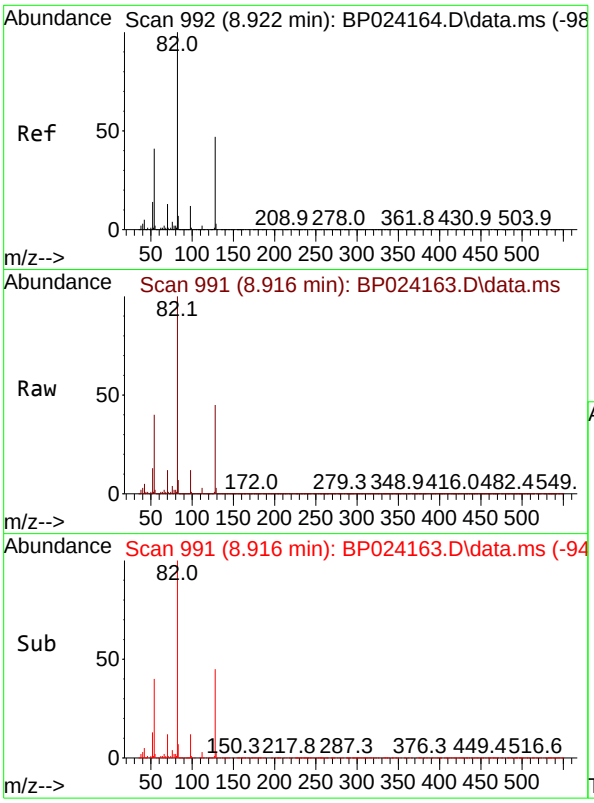


#22
Acetophenone
Concen: 20.677 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:105 Resp: 786239

Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.4	3.6#
51	20.2	16.2	24.2
120	23.8	19.0	28.6



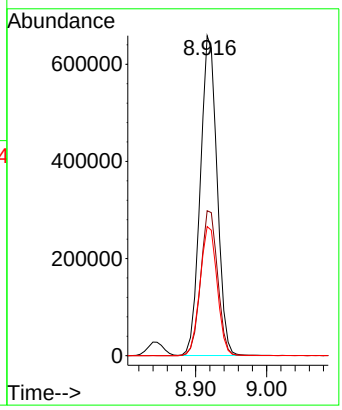


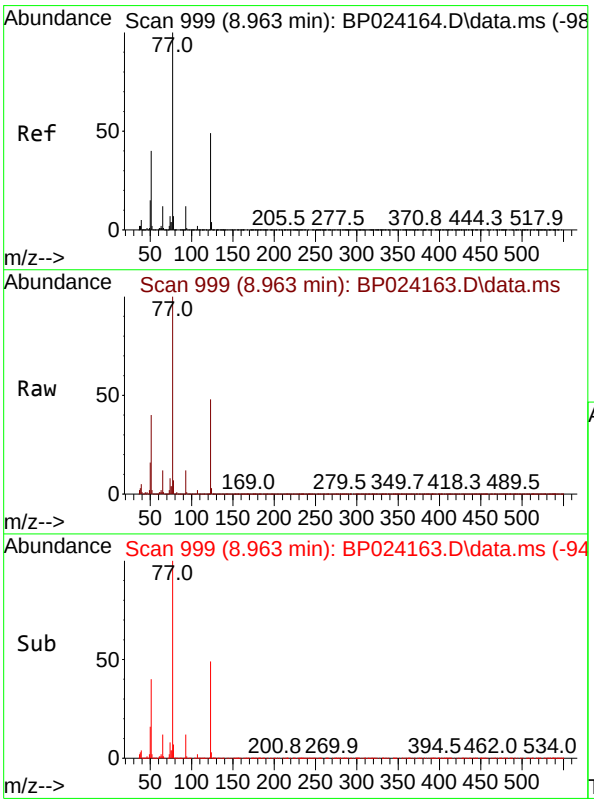
#23
Nitrobenzene-d5
Concen: 40.785 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1081750

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.0
54	40.3	32.5	48.7

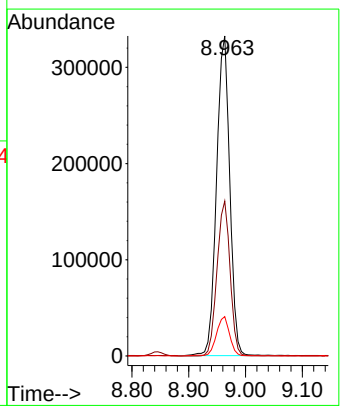


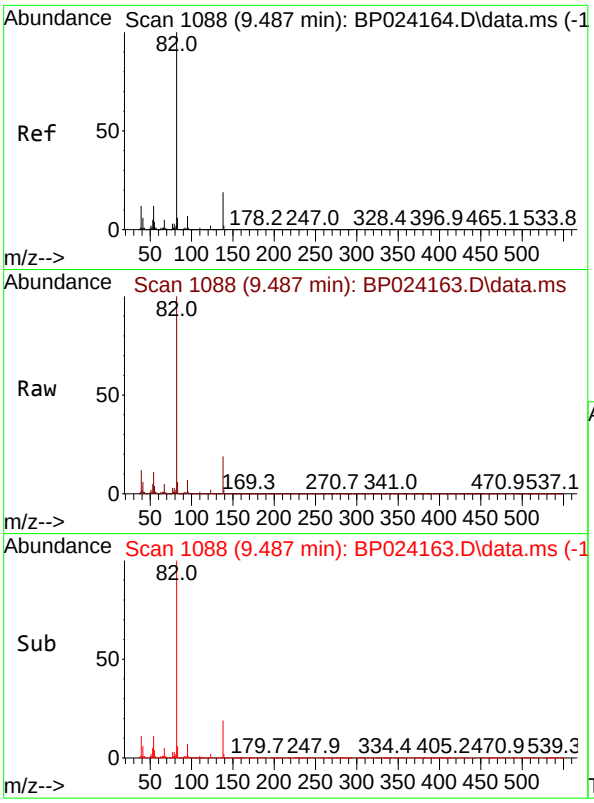


#24
Nitrobenzene
Concen: 20.529 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 77 Resp: 535855

Ion	Ratio	Lower	Upper
77	100		
123	48.4	39.4	59.2
65	12.3	9.9	14.9



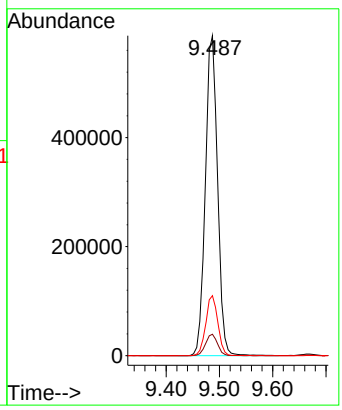


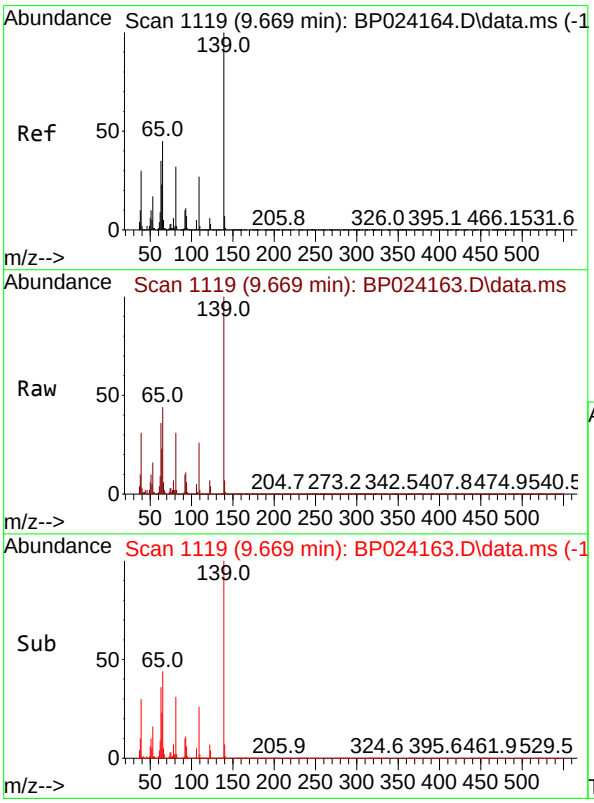
#25
Isophorone
Concen: 21.523 ng
RT: 9.487 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 933509

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.8	14.8	22.2

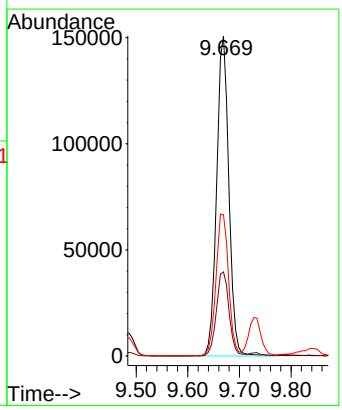


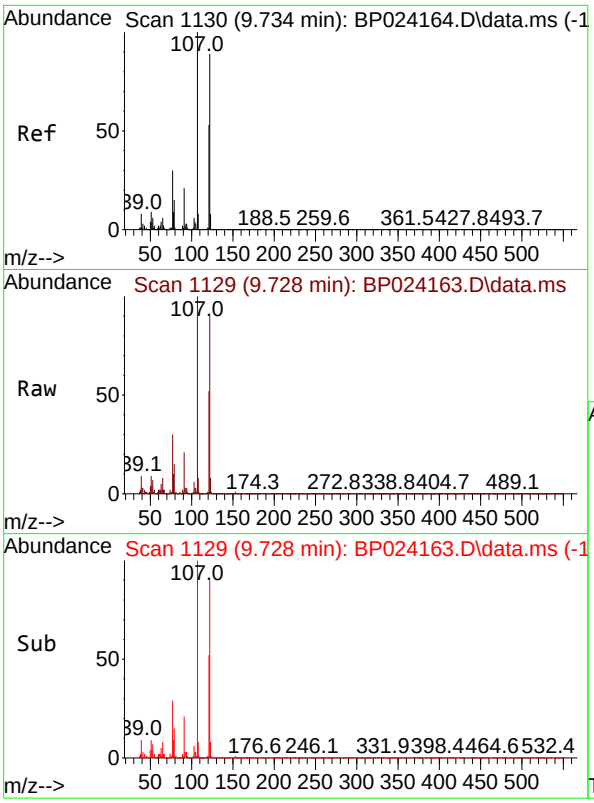


#26
2-Nitrophenol
Concen: 20.534 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:139 Resp: 246943

Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.7	32.5
65	44.2	35.8	53.8



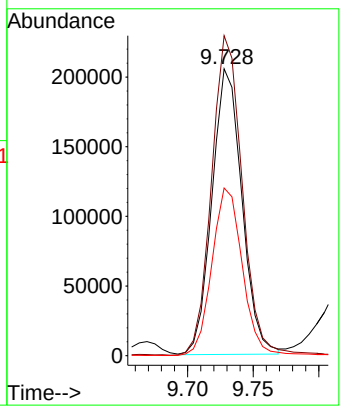


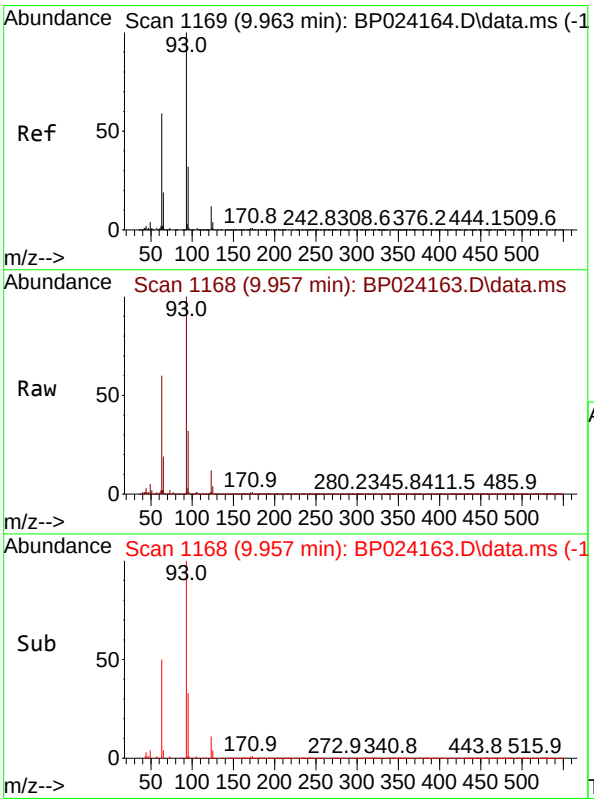
#27
2,4-Dimethylphenol
Concen: 20.646 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 325916

Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.3	133.9
121	58.5	47.5	71.3

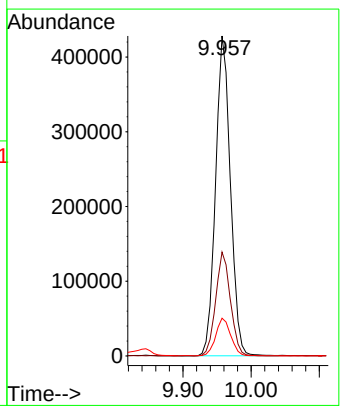


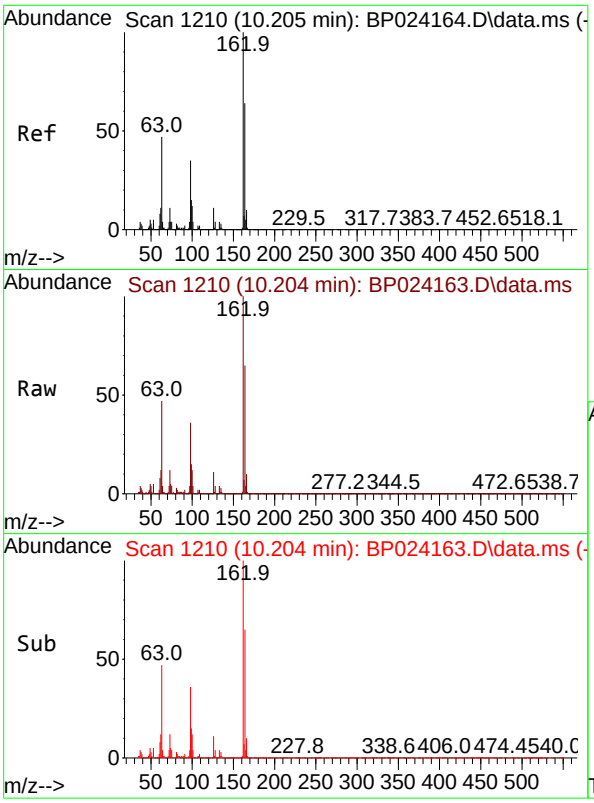


#28
bis(2-Chloroethoxy)methane
Concen: 20.649 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 93 Resp: 648792

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.8	9.5	14.3



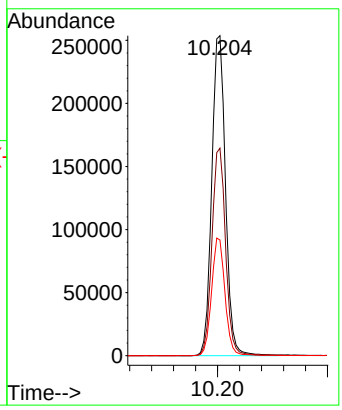


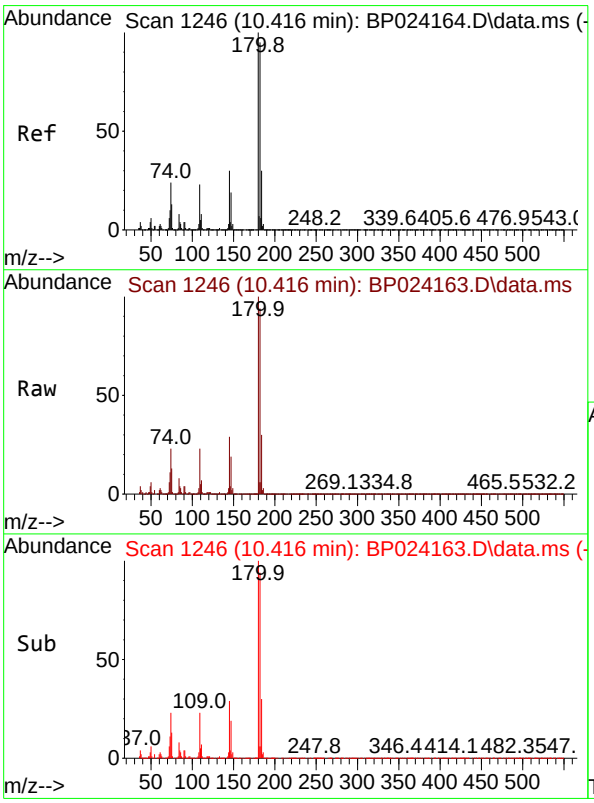
#29
2,4-Dichlorophenol
Concen: 20.457 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 440705

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	36.2	15.1	55.1

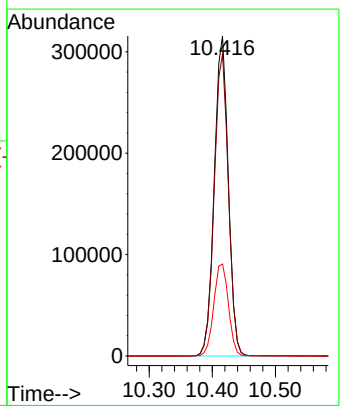


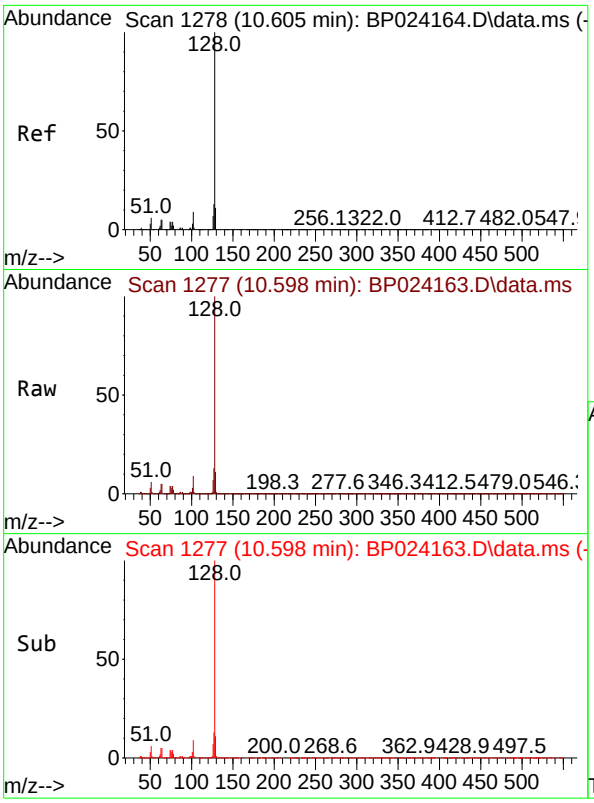


#30
1,2,4-Trichlorobenzene
Concen: 19.702 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:180 Resp: 486293

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.1	114.1
145	28.7	24.2	36.2



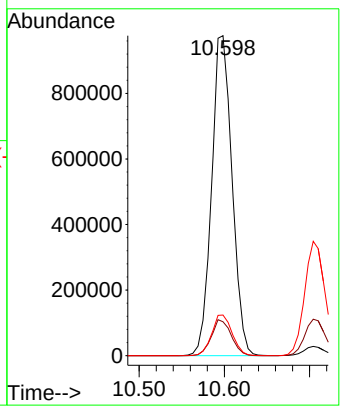


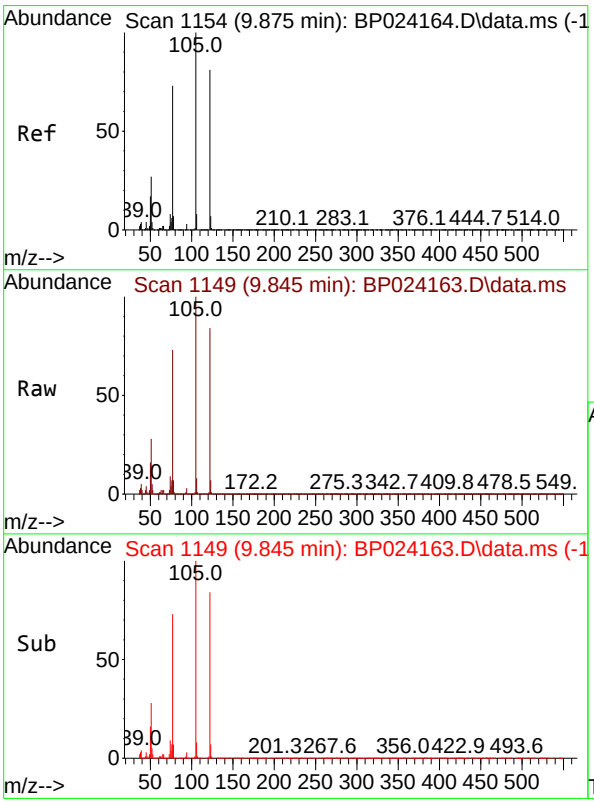
#31
Naphthalene
Concen: 20.436 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1625925

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	12.7	10.4	15.6

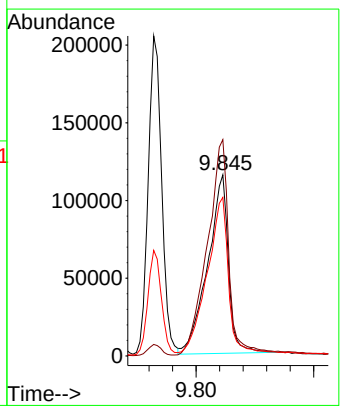


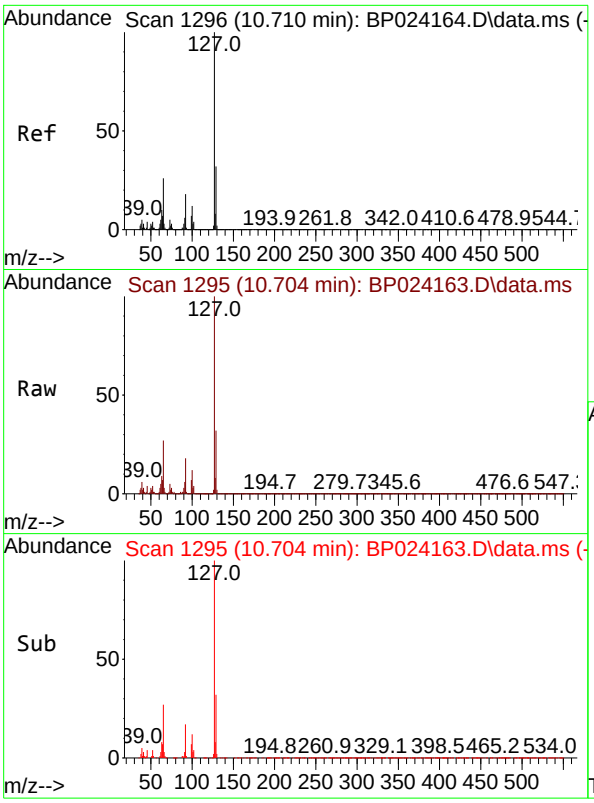


#32
Benzoic acid
Concen: 19.396 ng
RT: 9.845 min Scan# 1149
Delta R.T. -0.030 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:122 Resp: 280702

Ion	Ratio	Lower	Upper
122	100		
105	119.4	100.3	140.3
77	87.5	69.1	109.1



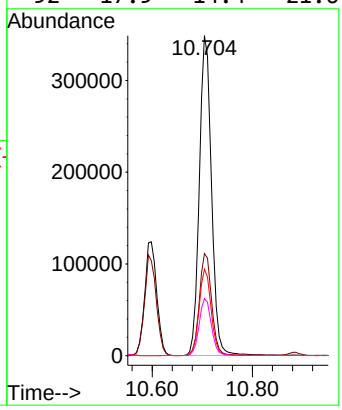


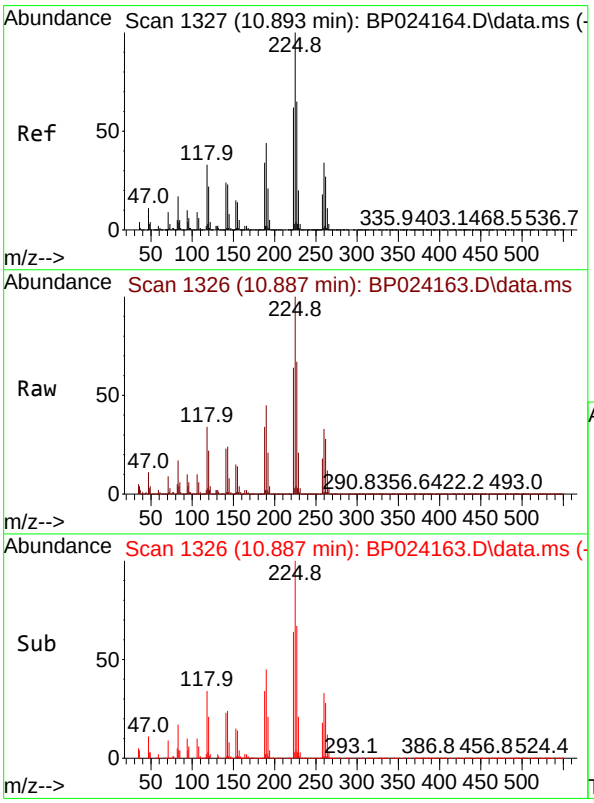
#33
4-Chloroaniline
Concen: 20.980 ng
RT: 10.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 588052

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	27.0	21.2	31.8
92	17.9	14.4	21.6

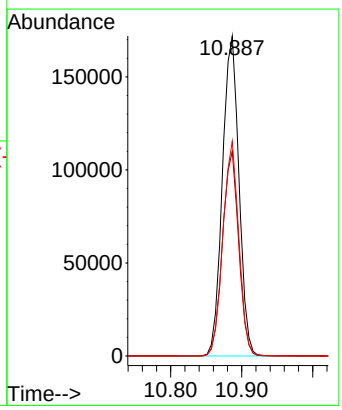


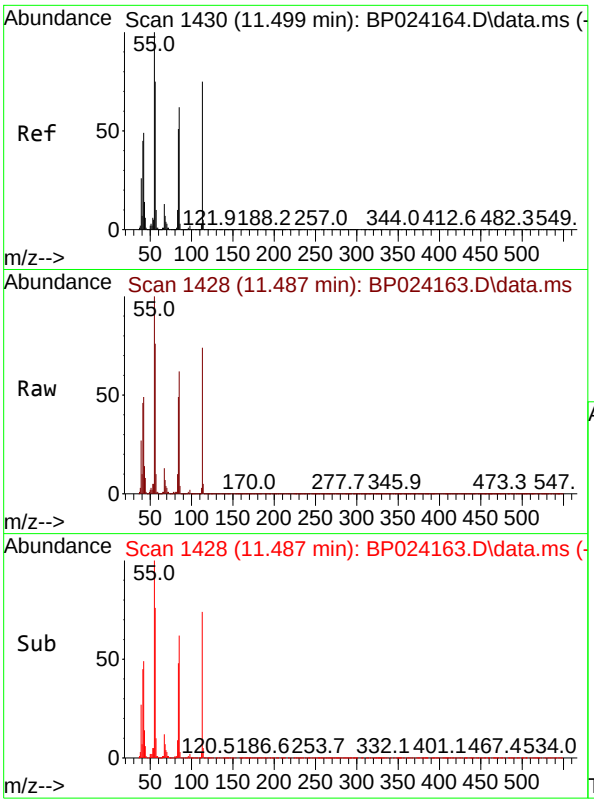


#34
Hexachlorobutadiene
Concen: 19.369 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:225 Resp: 276905

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	67.1	52.2	78.2



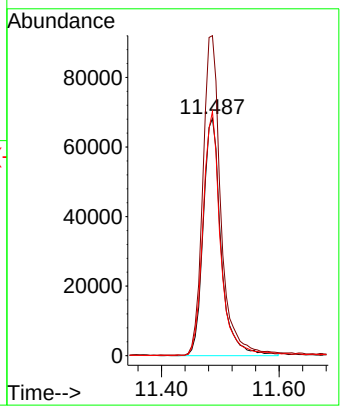


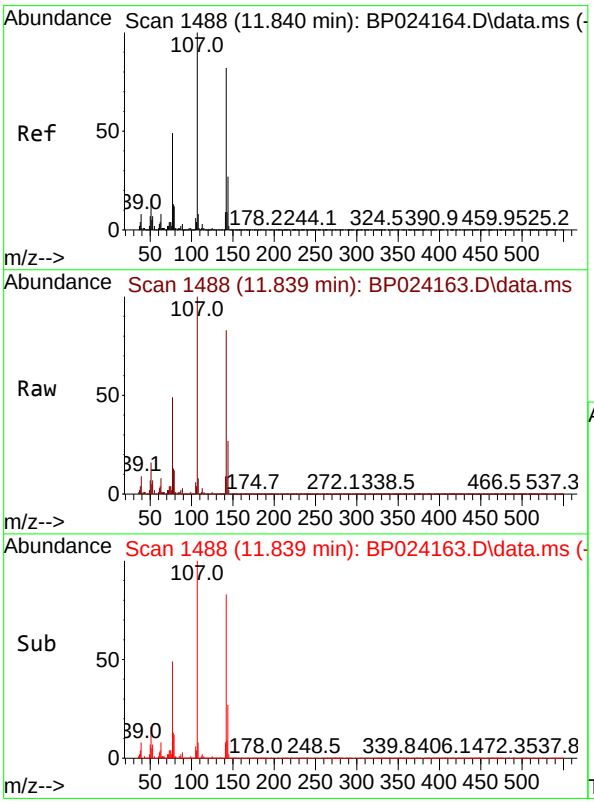
#35
Caprolactam
Concen: 21.924 ng
RT: 11.487 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 143023

Ion	Ratio	Lower	Upper
113	100		
55	134.9	113.6	153.6
56	102.9	80.0	120.0

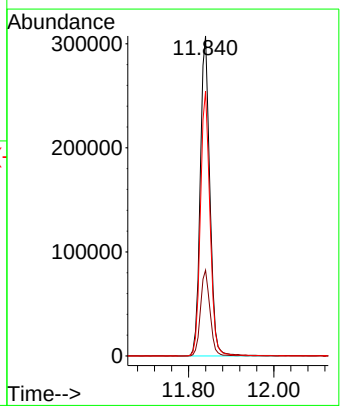


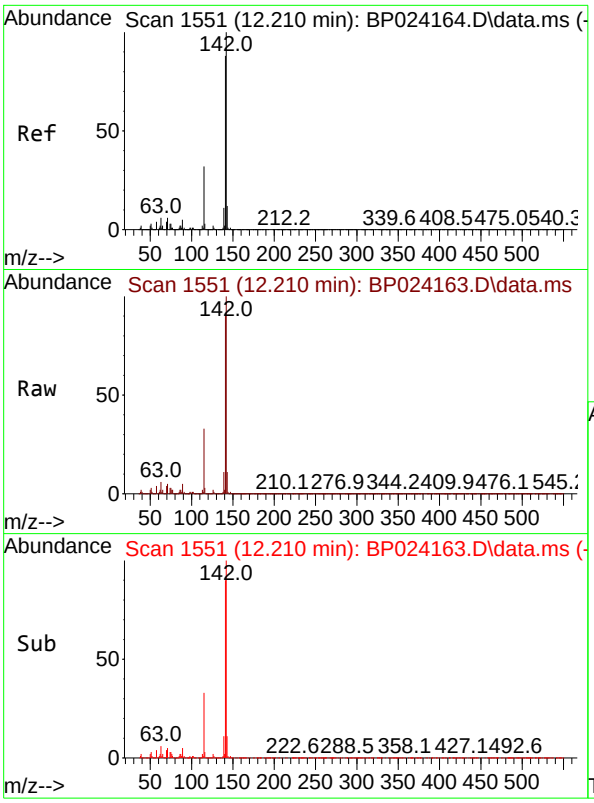


#36
4-Chloro-3-methylphenol
Concen: 21.674 ng
RT: 11.839 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:107 Resp: 479996

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.6	32.4
142	82.7	65.4	98.0



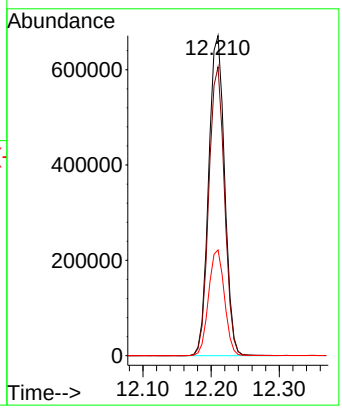


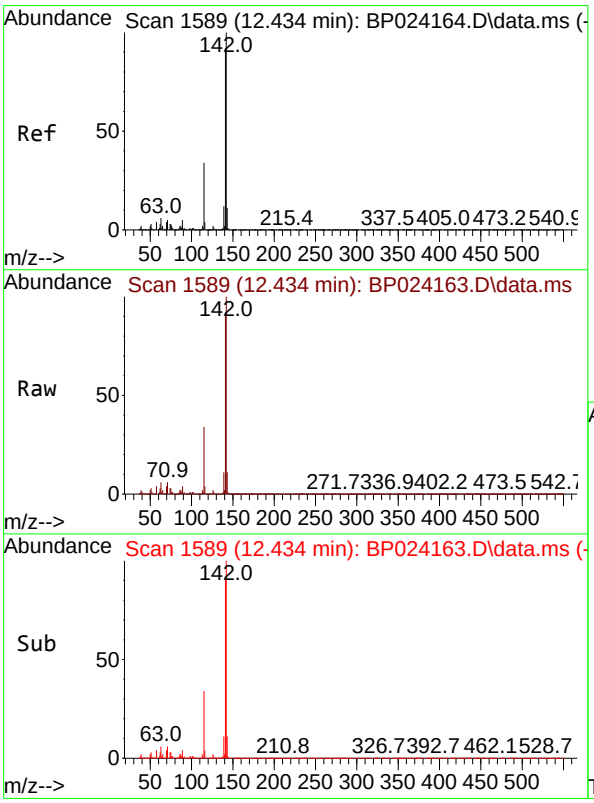
#37
2-Methylnaphthalene
Concen: 20.630 ng
RT: 12.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 1090957

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.3	105.5
115	33.1	26.0	39.0

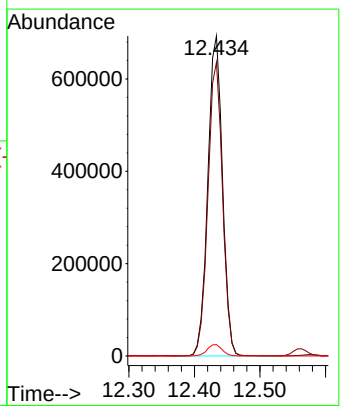


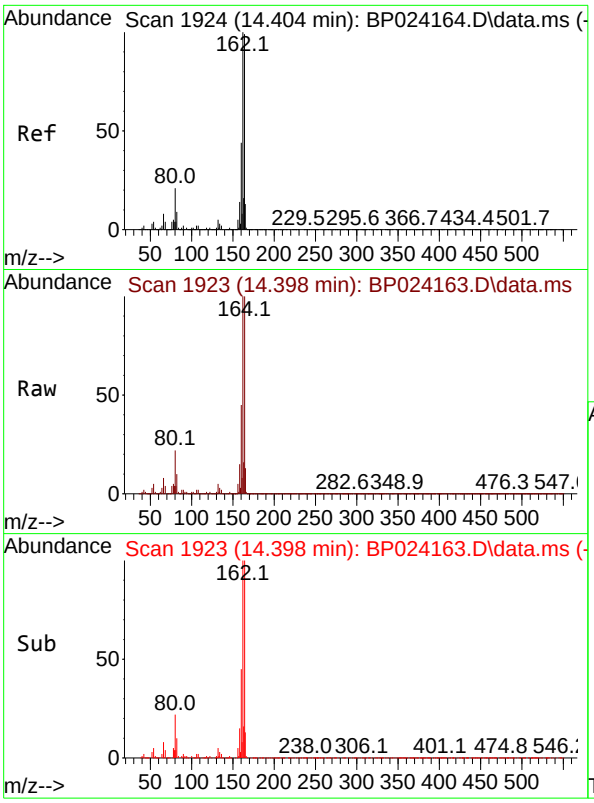


#38
1-Methylnaphthalene
Concen: 20.936 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:142 Resp: 1077045

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.6	2.8	4.2



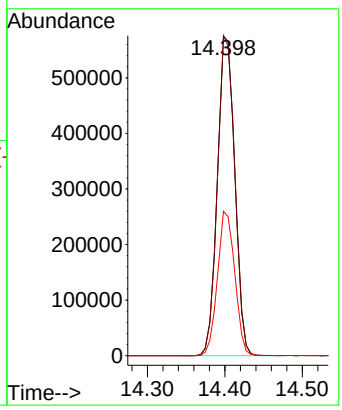


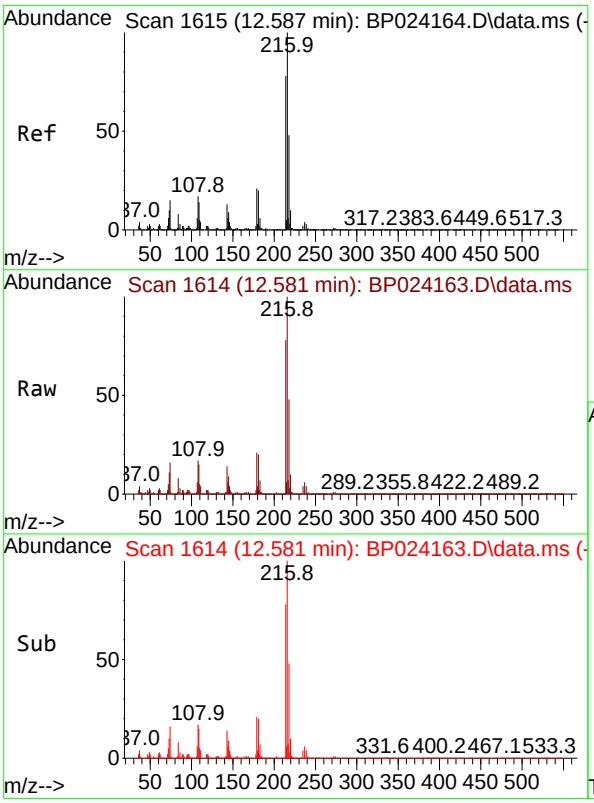
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 895871

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	45.2	35.4	53.2

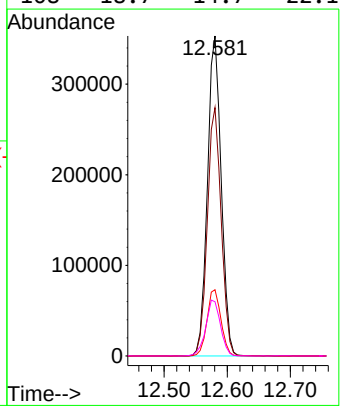


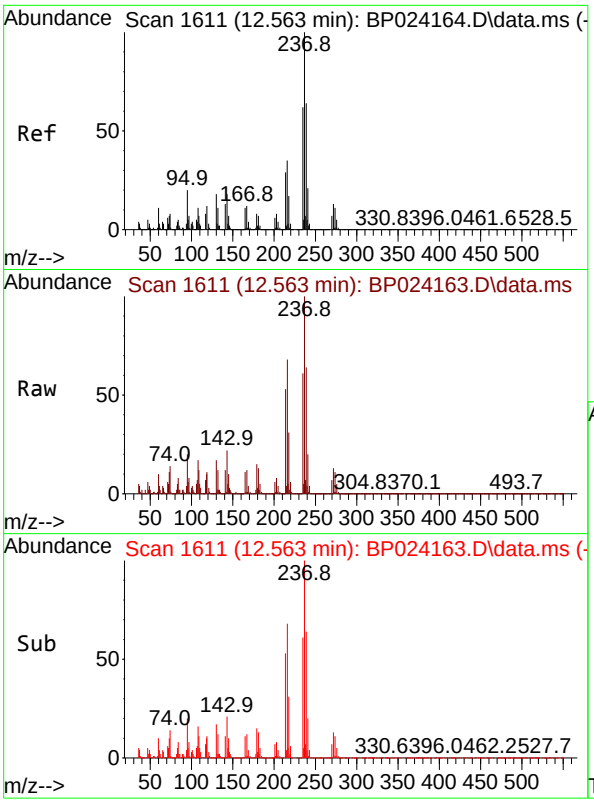


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.394 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:216 Resp: 533843

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.8	94.2
179	21.0	16.8	25.2
108	18.7	14.7	22.1



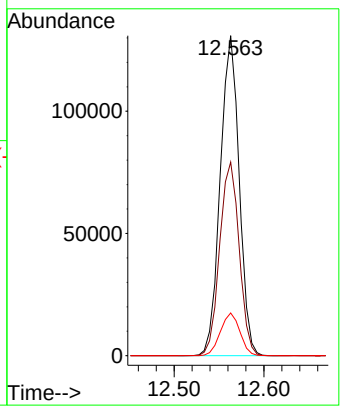


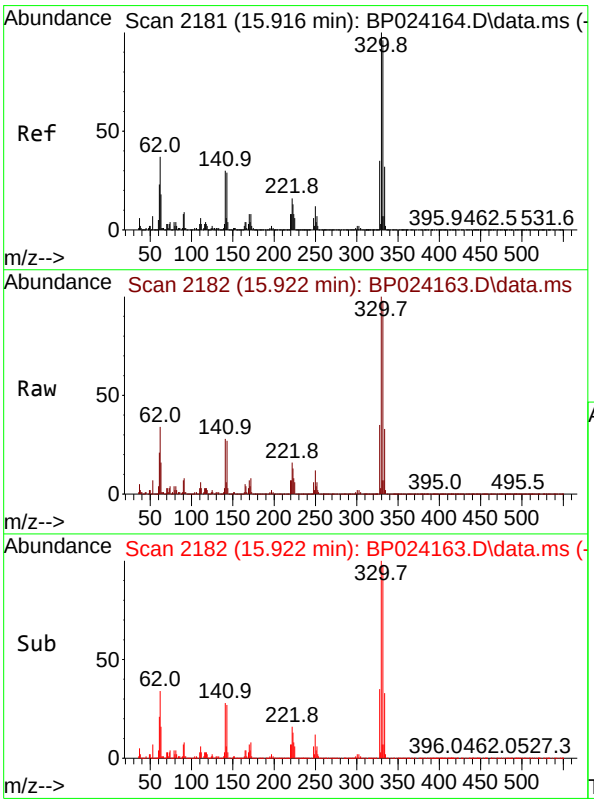
#41
Hexachlorocyclopentadiene
Concen: 18.697 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 191514

Ion	Ratio	Lower	Upper
237	100		
235	60.5	41.8	81.8
272	13.3	0.0	33.5

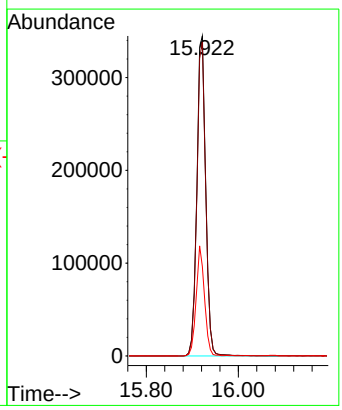


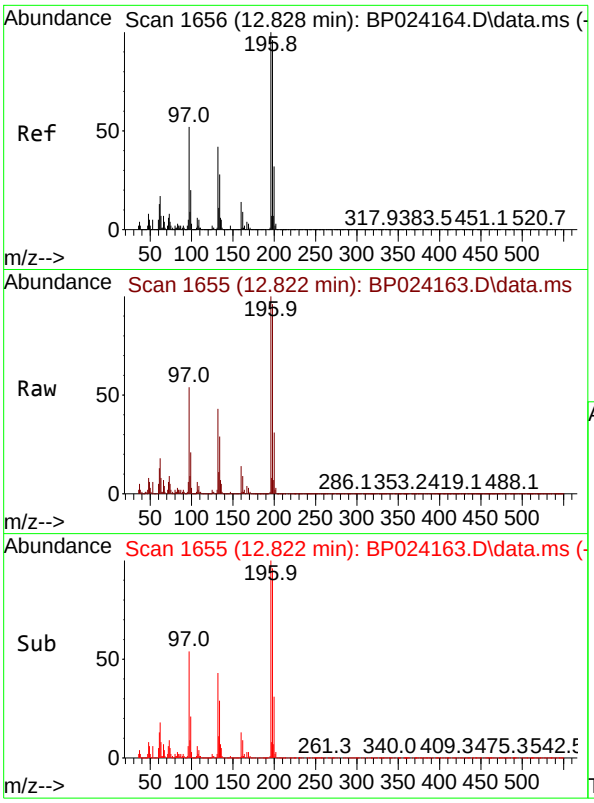


#42
2,4,6-Tribromophenol
Concen: 41.861 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:330 Resp: 459354

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	32.3	25.0	37.6



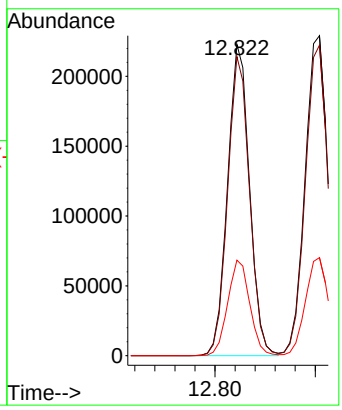


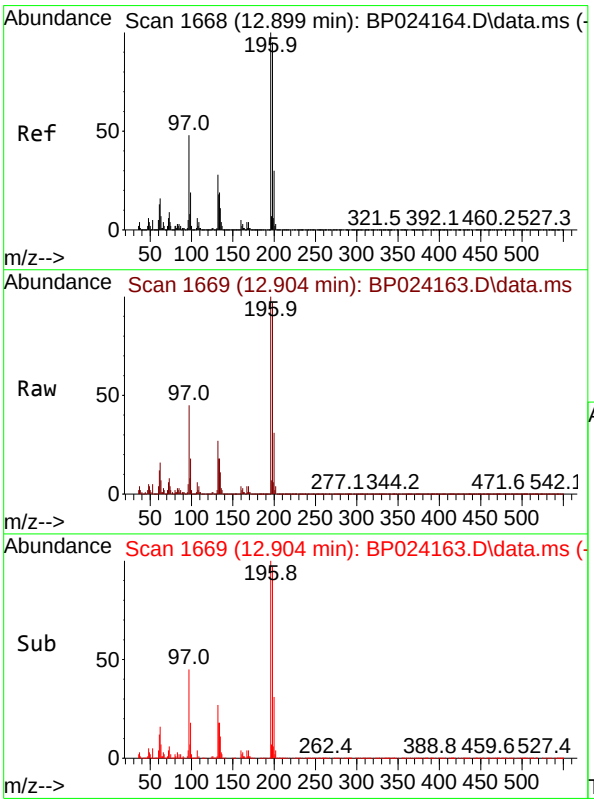
#43
2,4,6-Trichlorophenol
Concen: 20.216 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 339357

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
200	30.7	25.4	38.0

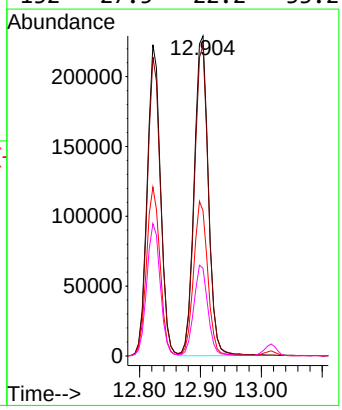


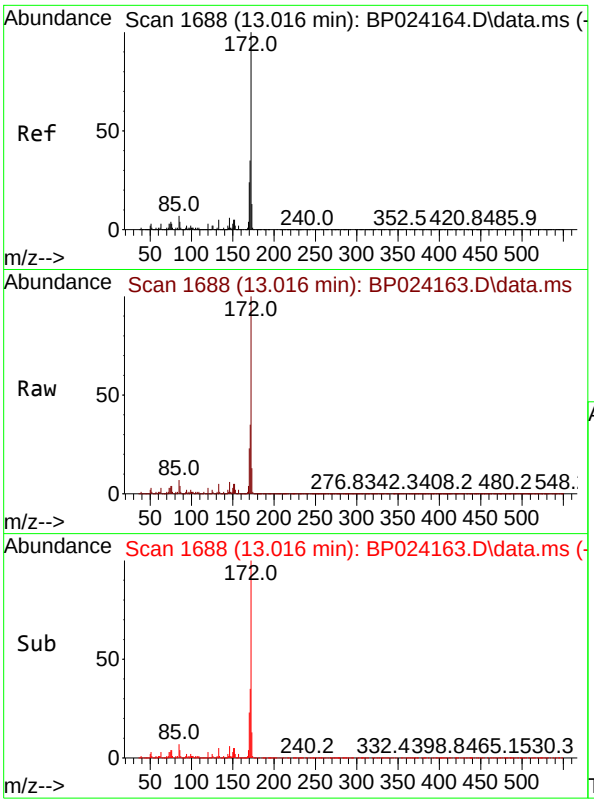


#44
2,4,5-Trichlorophenol
Concen: 20.184 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:196 Resp: 370561

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.5	114.7
97	45.4	38.7	58.1
132	27.5	22.2	33.2



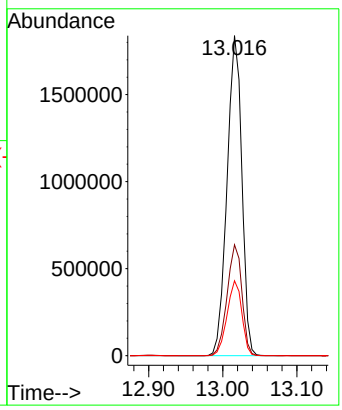


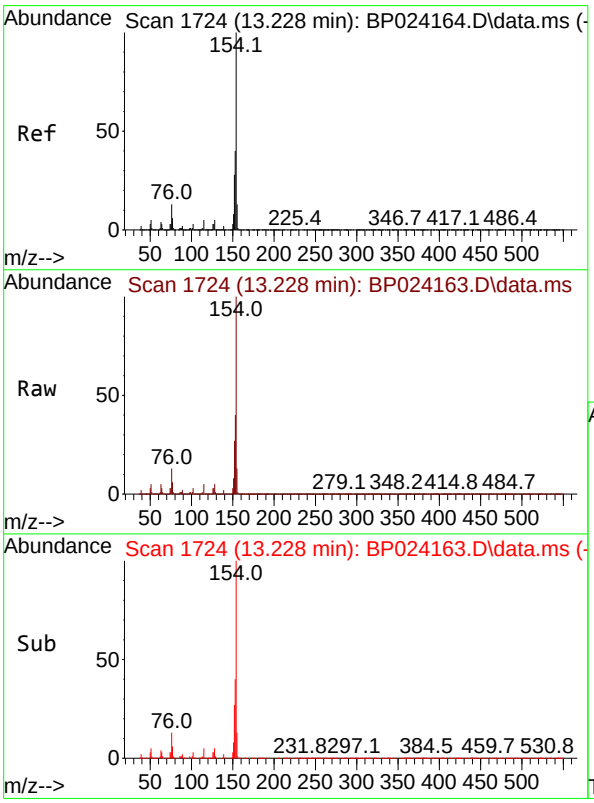
#45
2-Fluorobiphenyl
Concen: 39.695 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 2543735

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.4	19.0	28.4

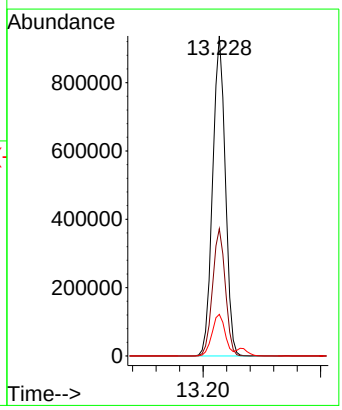


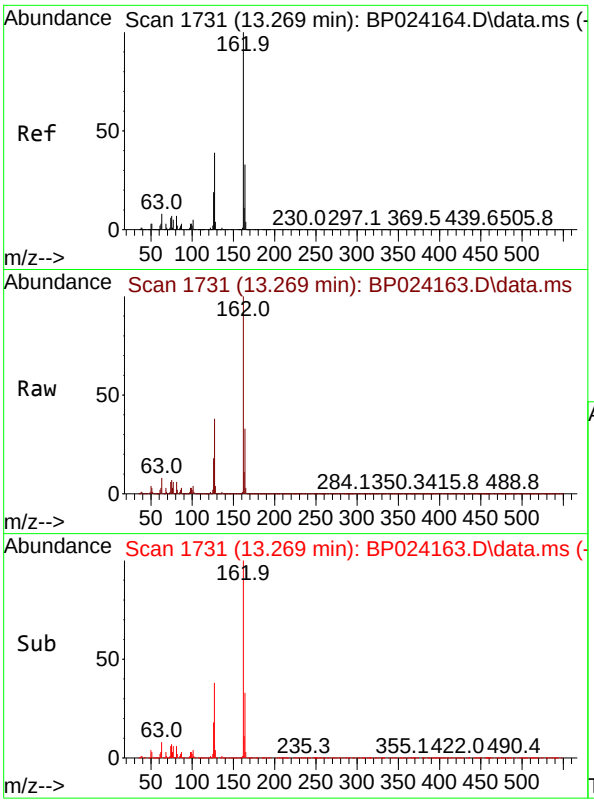


#46
1,1'-Biphenyl
Concen: 20.152 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:154 Resp: 1402874

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.3	60.3
76	13.0	0.0	32.9



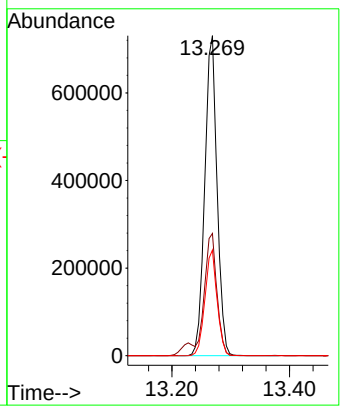


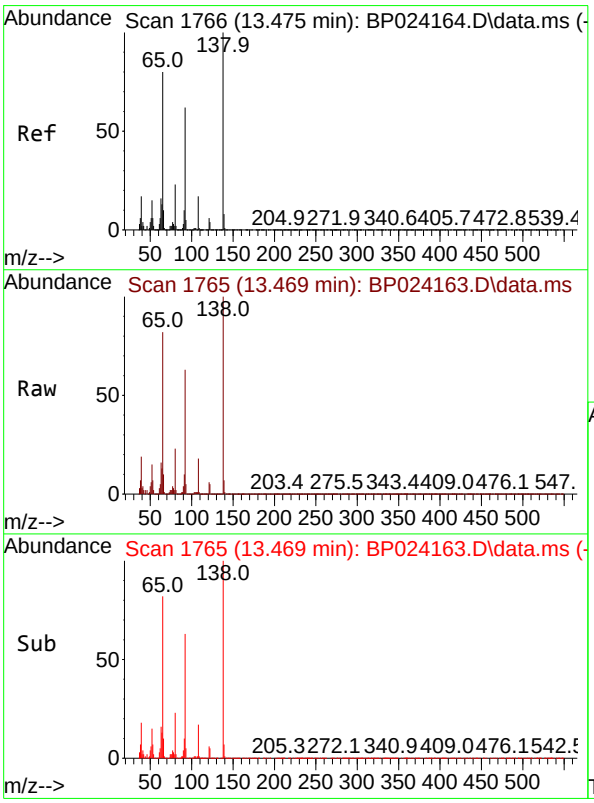
#47
2-Chloronaphthalene
Concen: 20.083 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1056861

Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.5	47.3
164	33.0	26.6	39.8

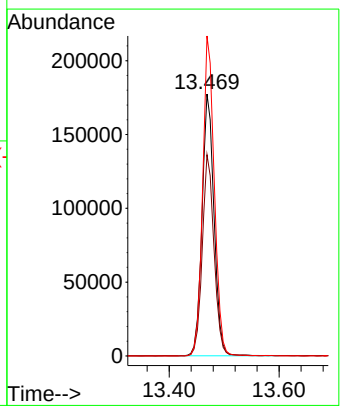


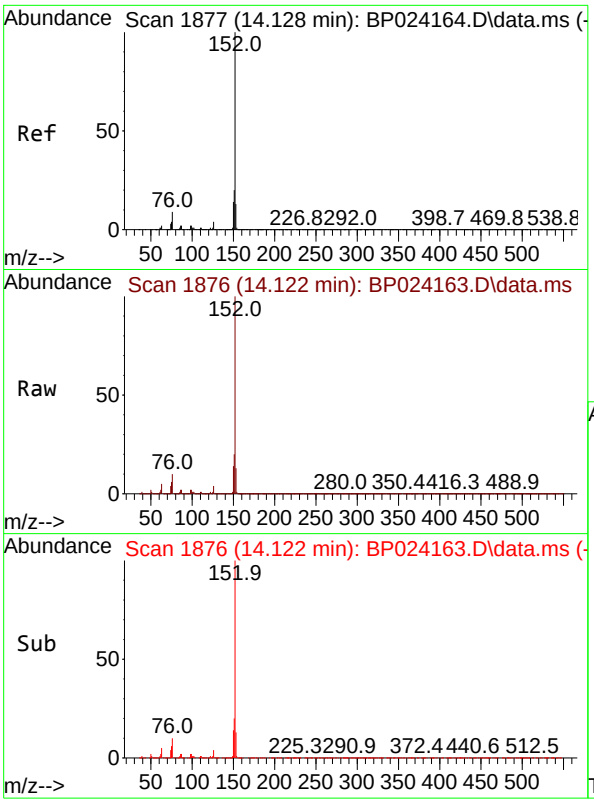


#48
2-Nitroaniline
Concen: 21.595 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 65 Resp: 268455

Ion	Ratio	Lower	Upper
65	100		
92	76.8	62.1	93.1
138	122.2	99.5	149.3



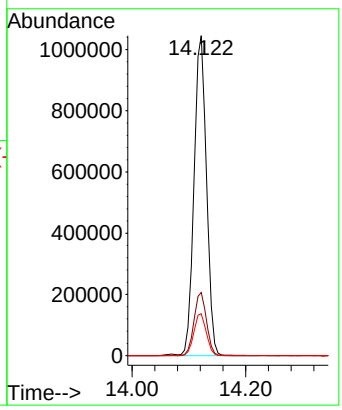


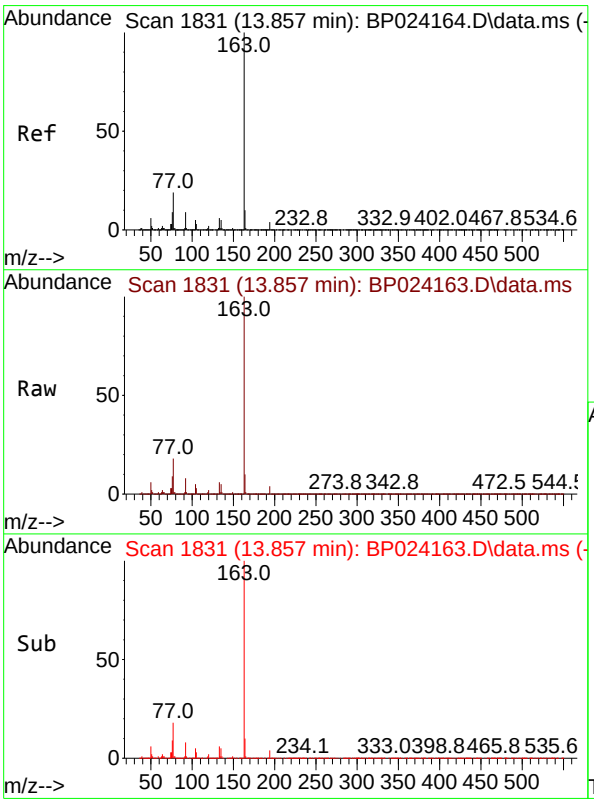
#49
Acenaphthylene
Concen: 20.517 ng
RT: 14.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1590772

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	15.8

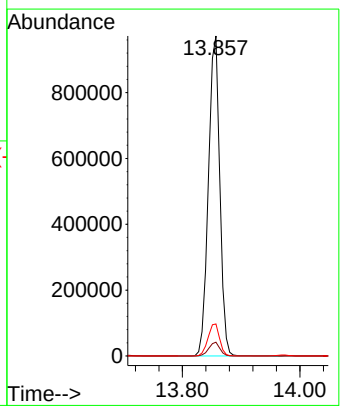


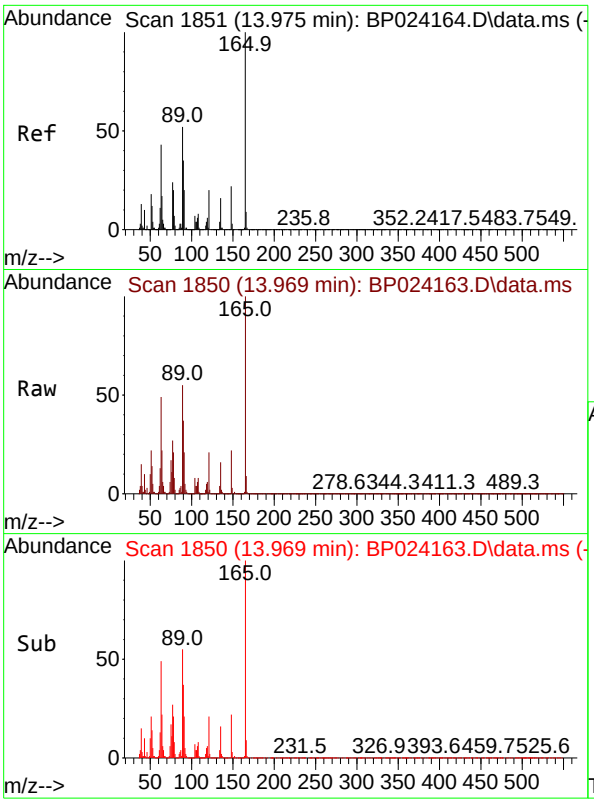


#50
Dimethylphthalate
Concen: 20.677 ng
RT: 13.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:163 Resp: 1306638

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.2	12.4



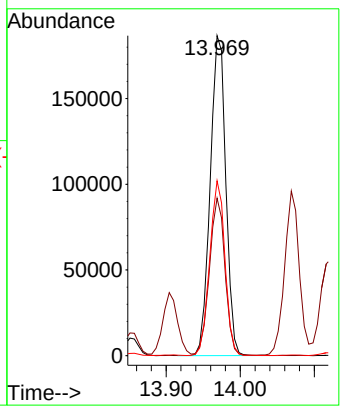


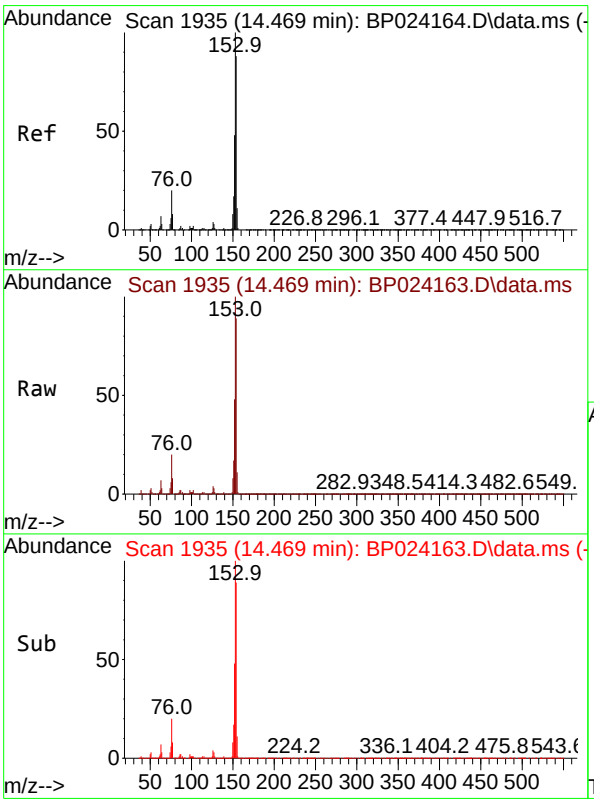
#51
2,6-Dinitrotoluene
Concen: 21.122 ng
RT: 13.969 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 271891

Ion	Ratio	Lower	Upper
165	100		
63	49.2	37.7	56.5
89	54.7	41.9	62.9

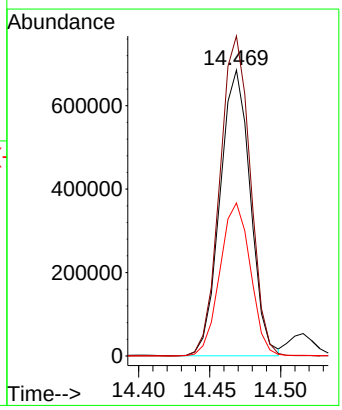


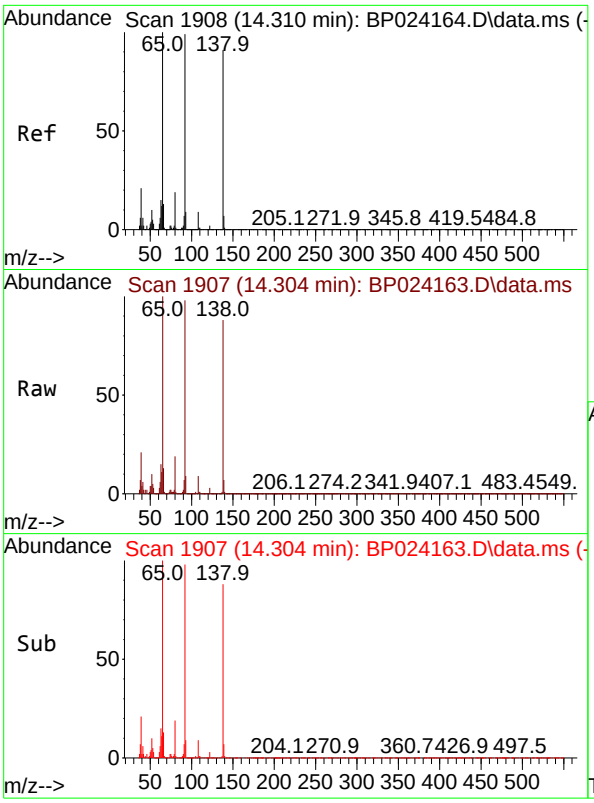


#52
Acenaphthene
Concen: 20.379 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:154 Resp: 1017503

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.5	135.7
152	53.5	43.1	64.7



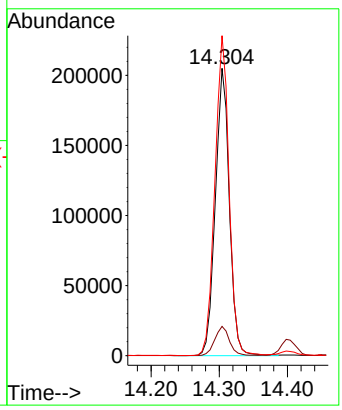


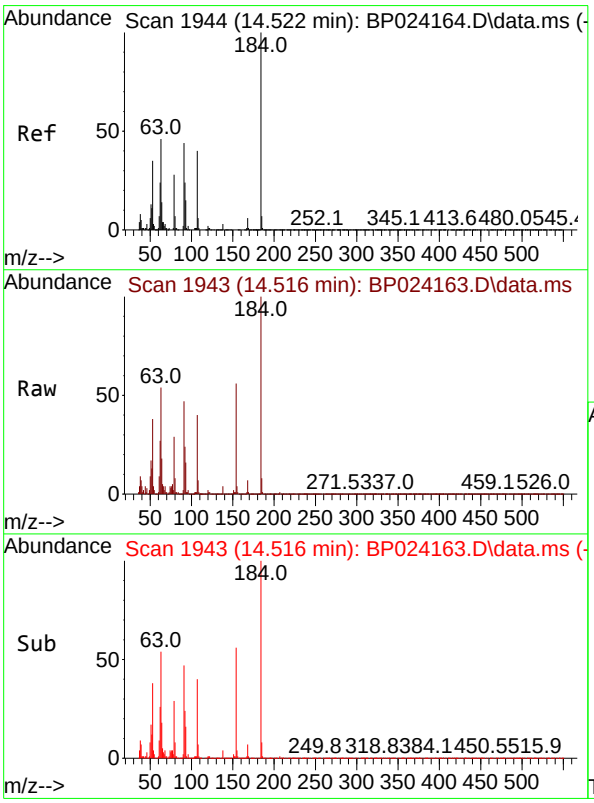
#53
3-Nitroaniline
Concen: 21.397 ng
RT: 14.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 293921

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.2
92	111.4	86.7	130.1

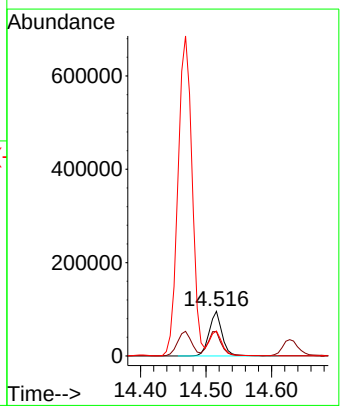


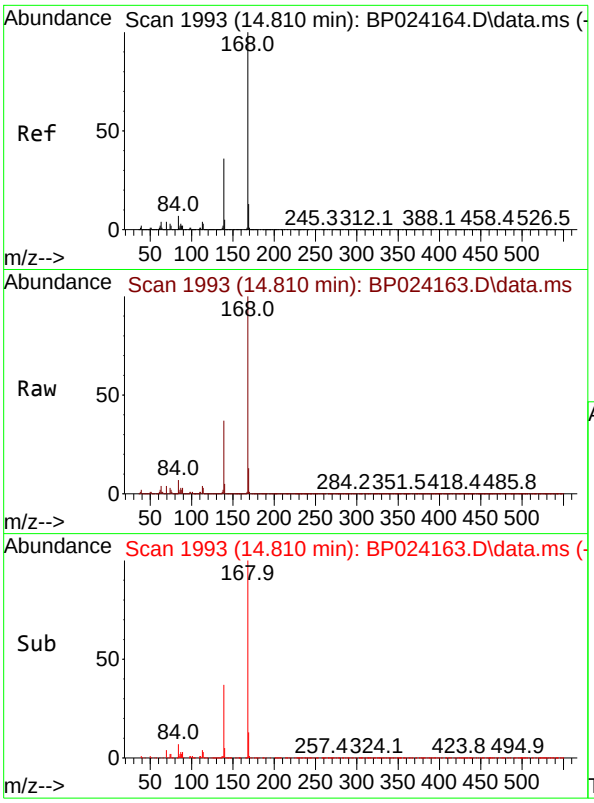


#54
2,4-Dinitrophenol
Concen: 19.074 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:184 Resp: 130759

Ion	Ratio	Lower	Upper
184	100		
63	54.4	42.1	63.1
154	56.0	44.6	67.0



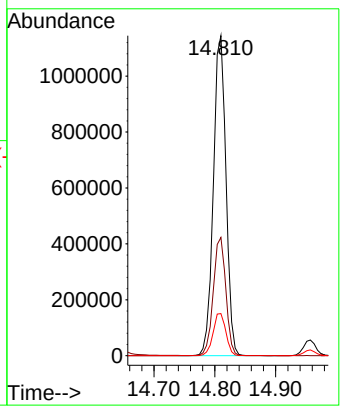


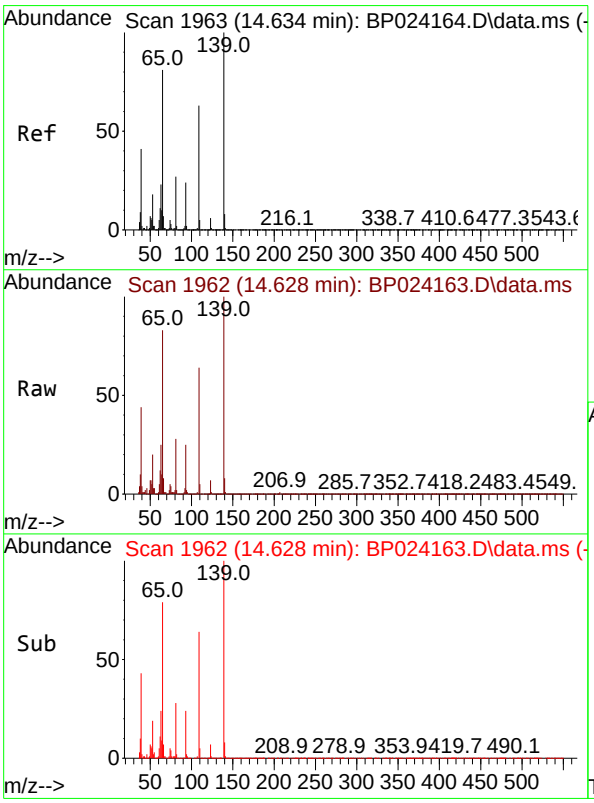
#55
Dibenzofuran
Concen: 20.264 ng
RT: 14.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1643604

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.1	43.7
169	13.2	10.8	16.2

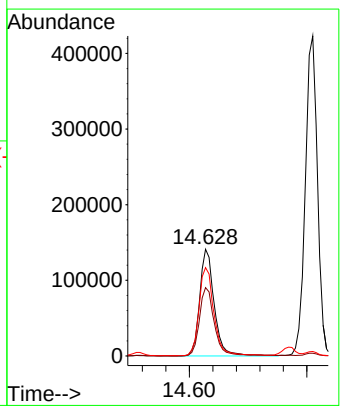


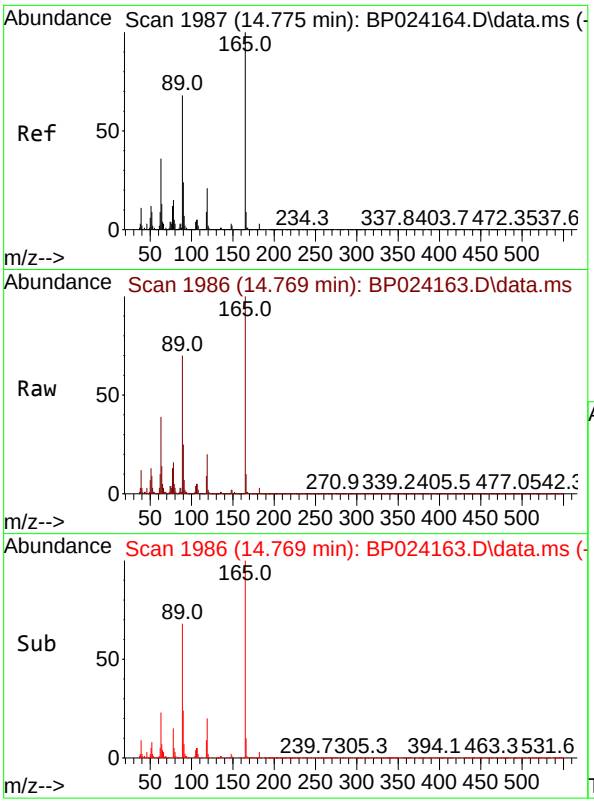


#56
4-Nitrophenol
Concen: 20.466 ng
RT: 14.628 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:139 Resp: 242843

Ion	Ratio	Lower	Upper
139	100		
109	64.1	43.3	83.3
65	82.7	61.2	101.2



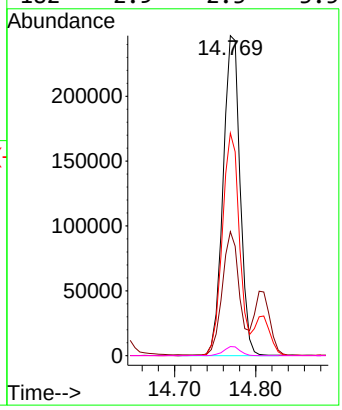


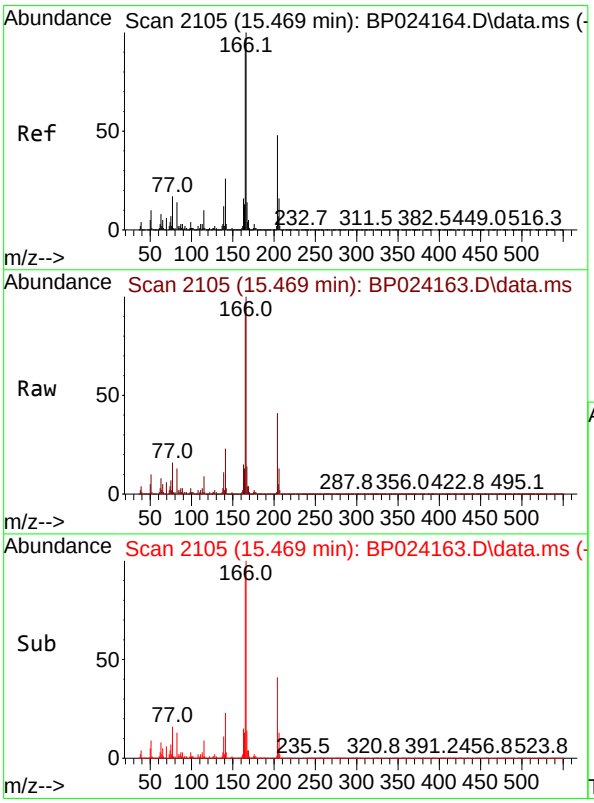
#57
2,4-Dinitrotoluene
Concen: 21.433 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 358405

Ion	Ratio	Lower	Upper
165	100		
63	38.7	29.0	43.6
89	69.6	54.2	81.4
182	2.9	2.3	3.5

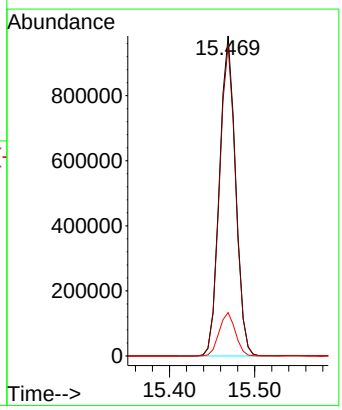


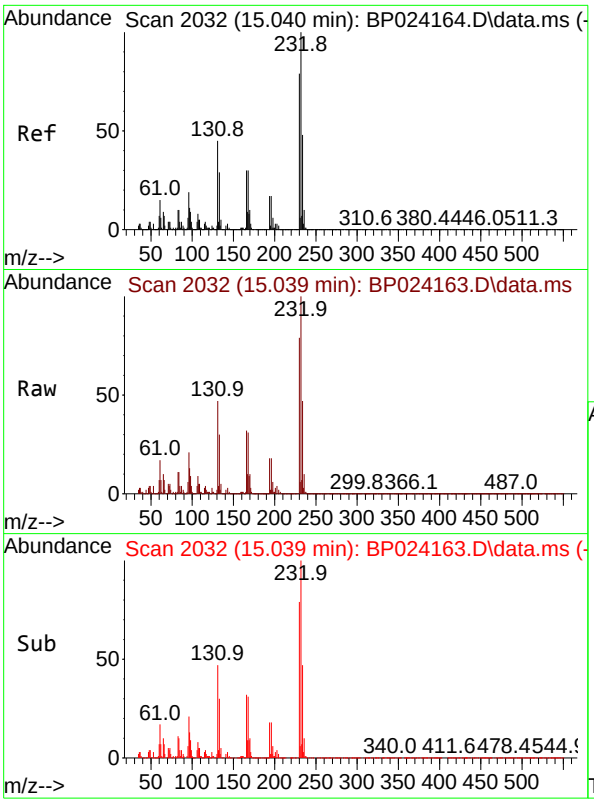


#58
Fluorene
Concen: 20.392 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:166 Resp: 1291744

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.6	116.4
167	13.5	10.8	16.2



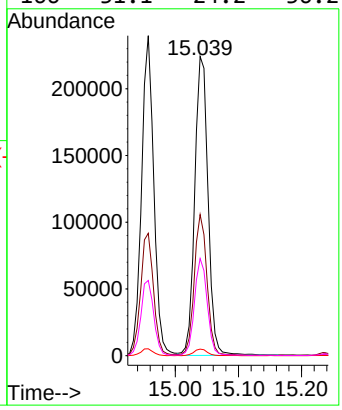


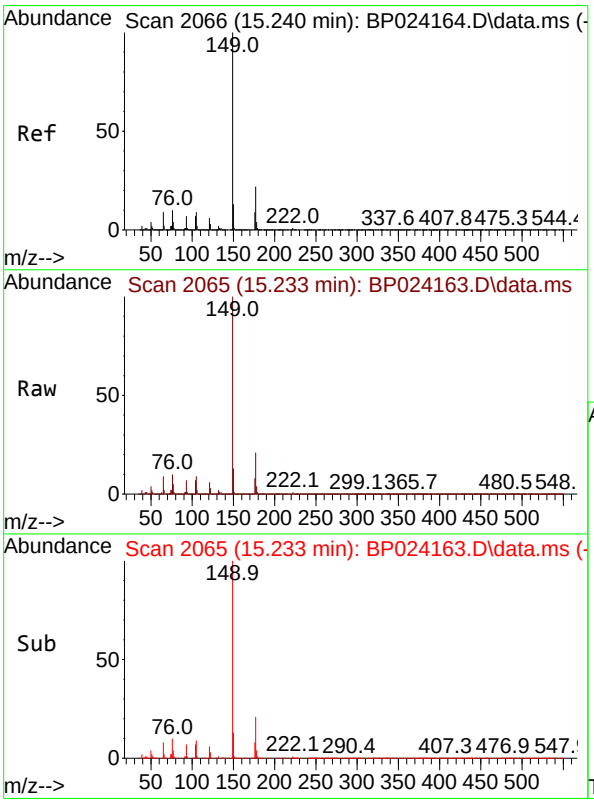
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.514 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 326758

Ion	Ratio	Lower	Upper
232	100		
131	45.3	35.9	53.9
130	2.3	1.8	2.6
166	31.1	24.2	36.2

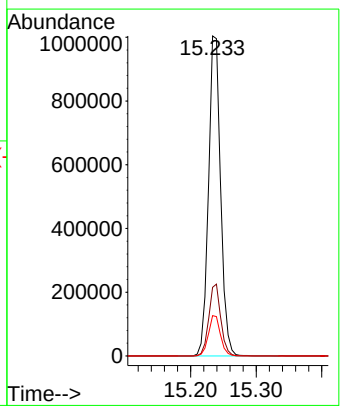


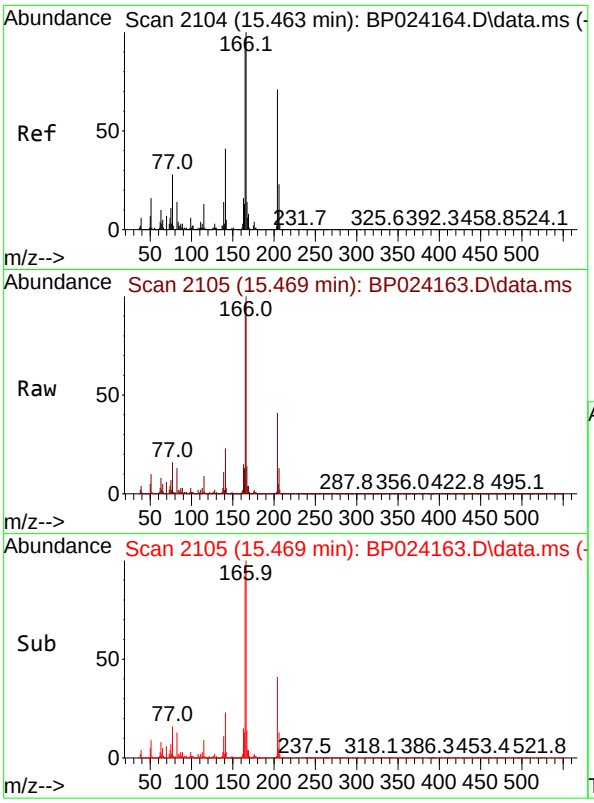


#60
Diethylphthalate
Concen: 20.524 ng
RT: 15.233 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:149 Resp: 1287503

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.7	26.5
150	12.6	10.2	15.4



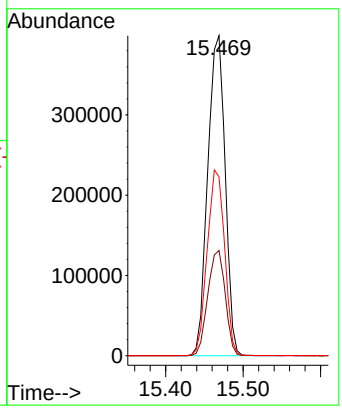


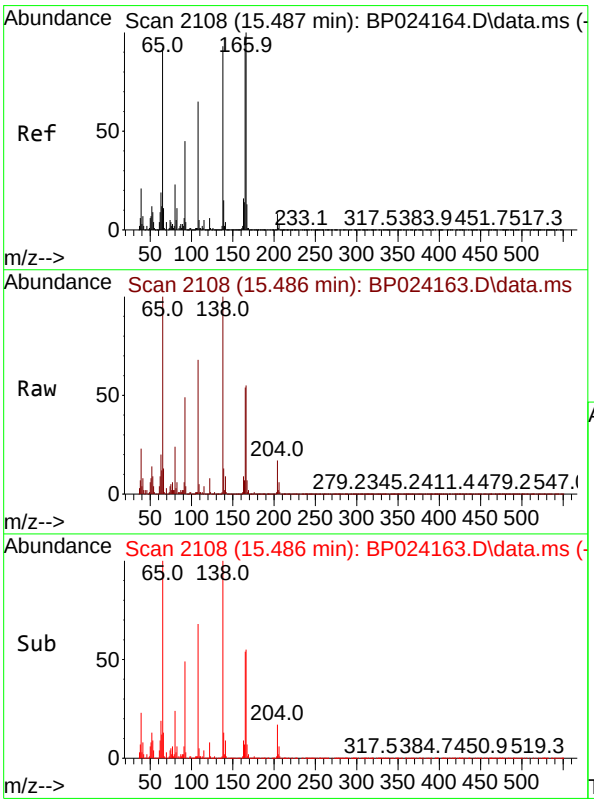
#61
4-Chlorophenyl-phenylether
Concen: 19.996 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 623454

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	55.9	45.8	68.8

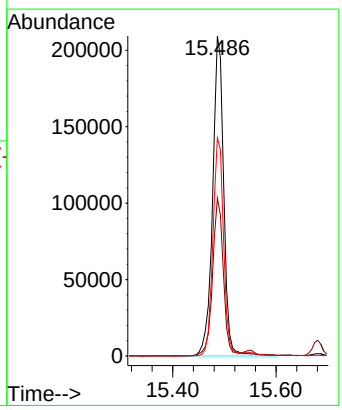


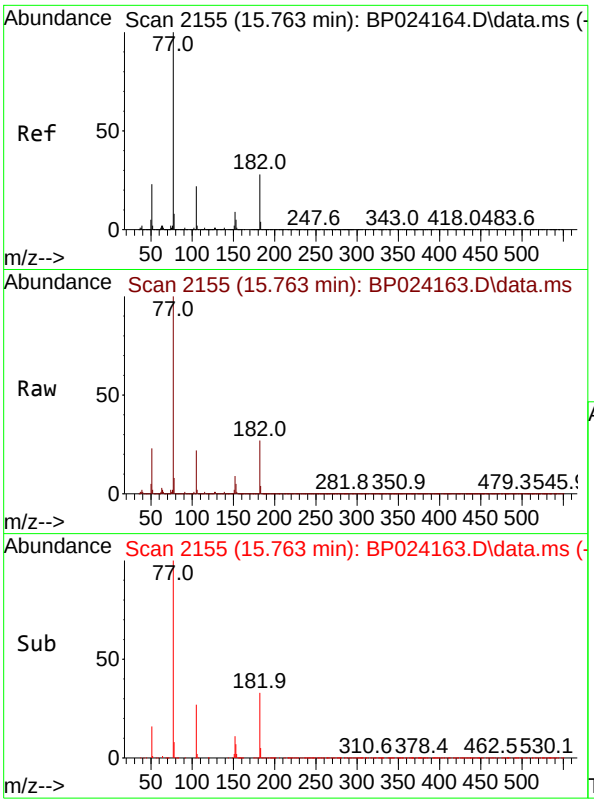


#62
4-Nitroaniline
Concen: 21.841 ng
RT: 15.486 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:138 Resp: 311347

Ion	Ratio	Lower	Upper
138	100		
92	49.3	28.7	68.7
108	68.2	49.5	89.5



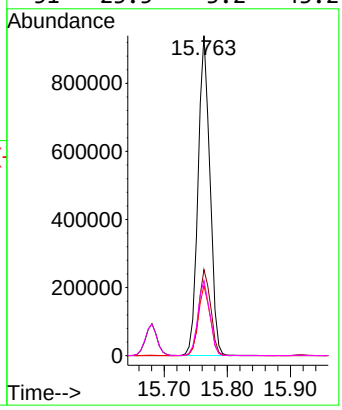


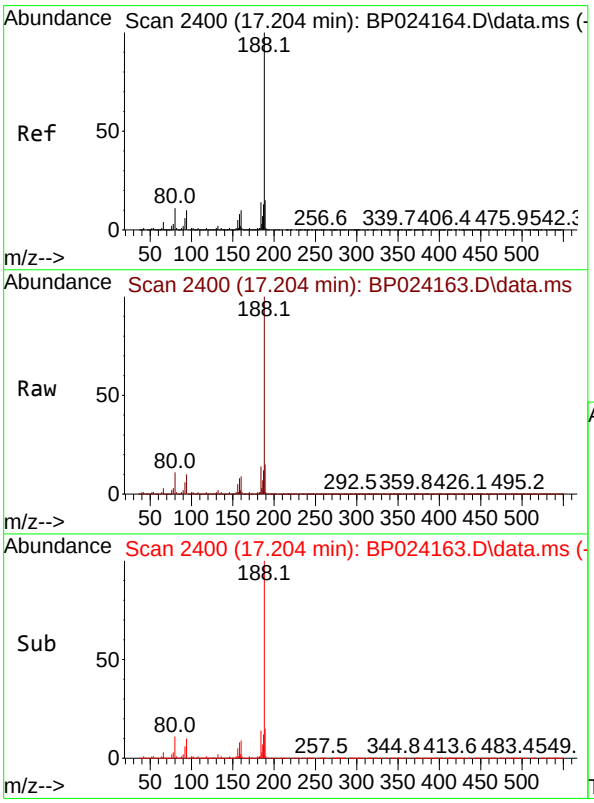
#63
Azobenzene
Concen: 20.864 ng
RT: 15.763 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 1226441

Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.7	47.7
105	21.9	2.3	42.3
51	23.5	3.2	43.2

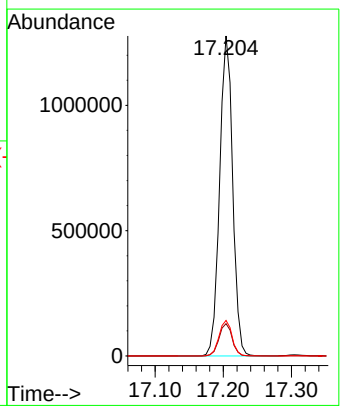


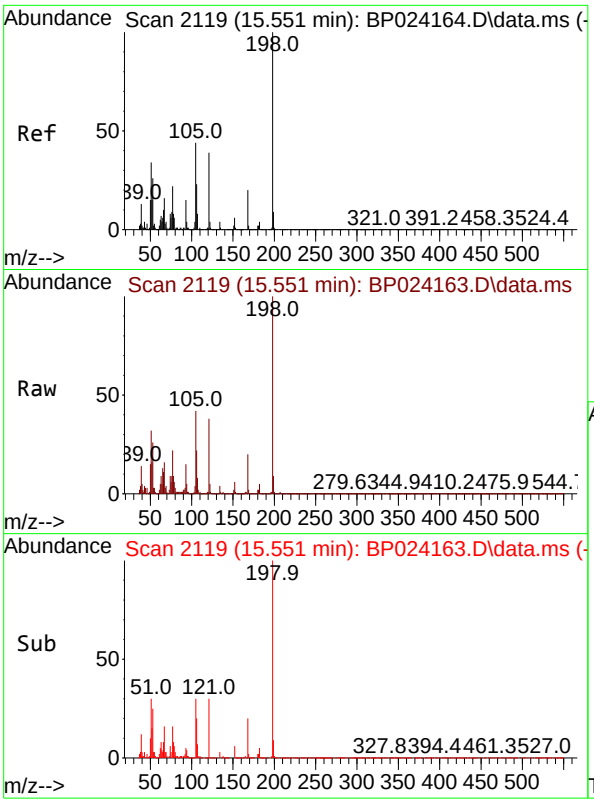


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:188 Resp: 1698224

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.1	8.9	13.3



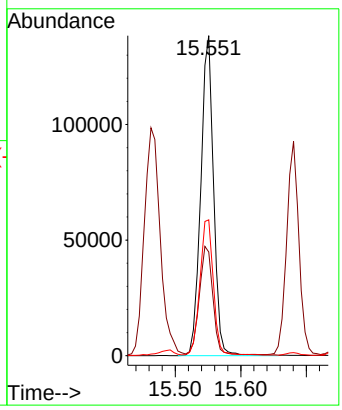


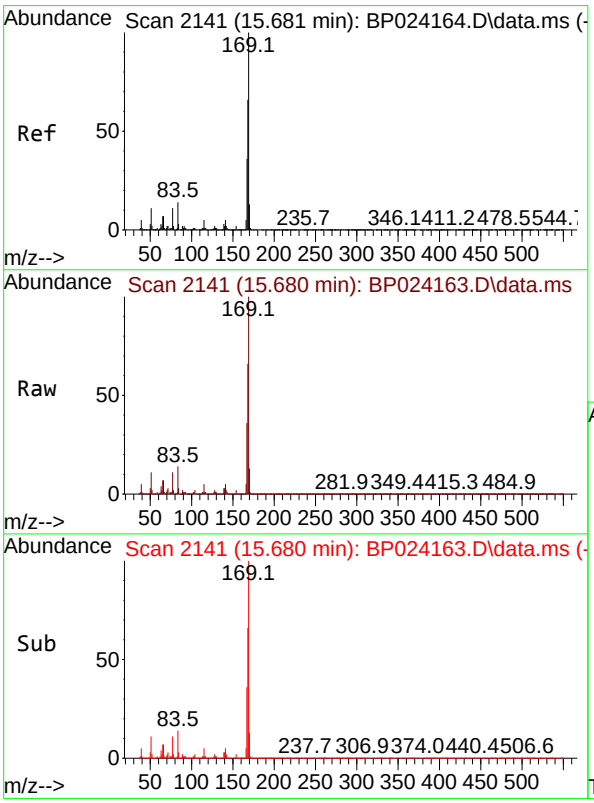
#65
4,6-Dinitro-2-methylphenol
Concen: 19.162 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 188346

Ion	Ratio	Lower	Upper
198	100		
51	32.4	14.7	54.7
105	42.4	23.8	63.8

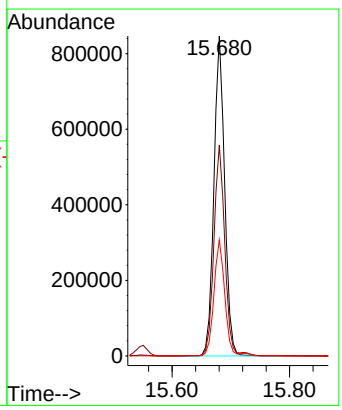


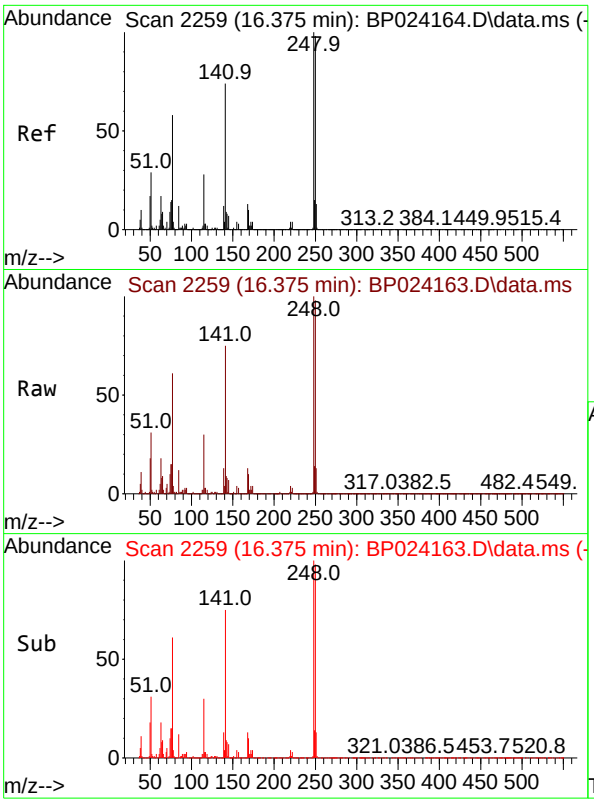


#66
n-Nitrosodiphenylamine
Concen: 20.181 ng
RT: 15.680 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:169 Resp: 1068735

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.9	79.3
167	36.2	28.8	43.2



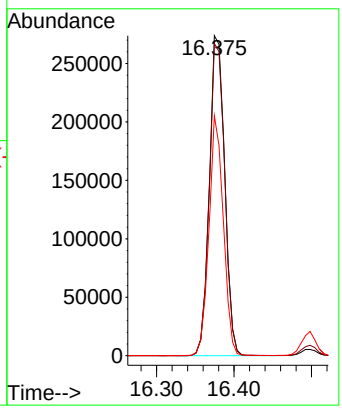


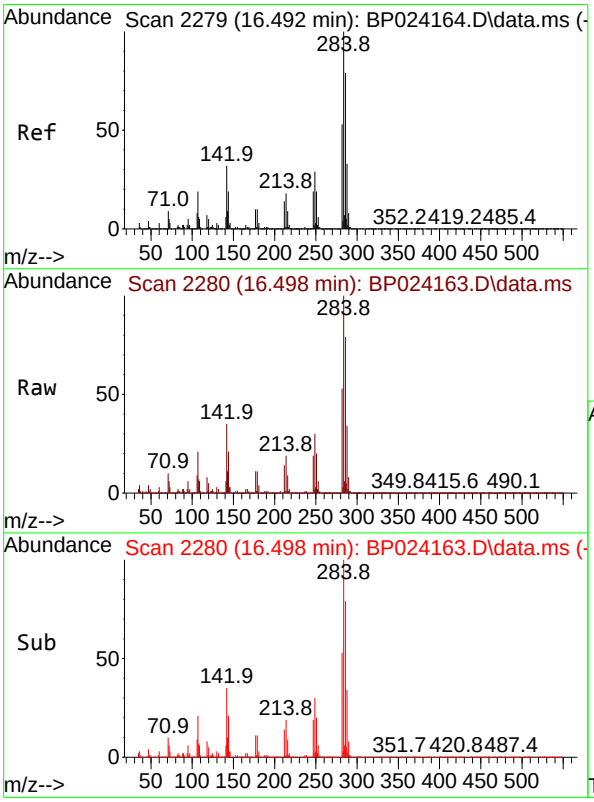
#67
4-Bromophenyl-phenylether
Concen: 19.797 ng
RT: 16.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 377534

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.4	117.6
141	74.9	59.4	89.0

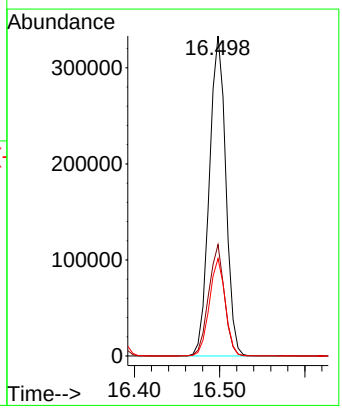


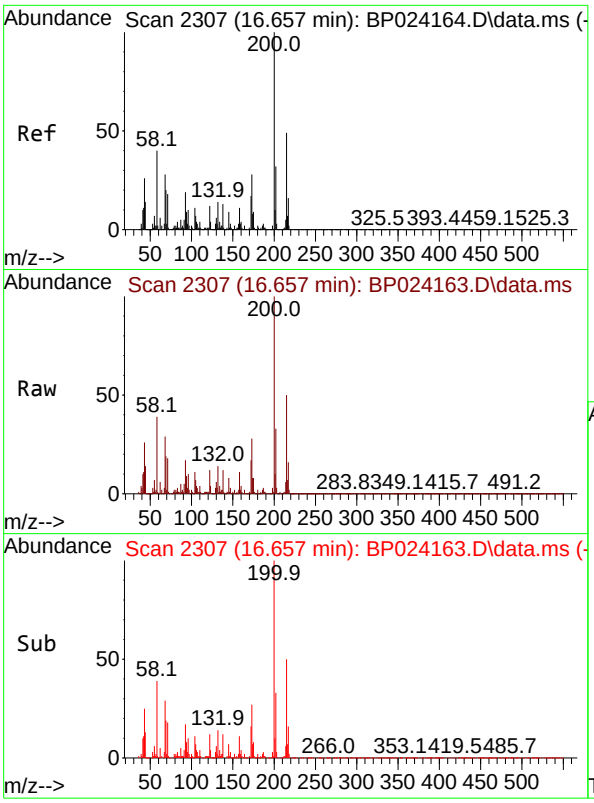


#68
Hexachlorobenzene
Concen: 19.921 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:284 Resp: 447016

Ion	Ratio	Lower	Upper
284	100		
142	34.8	25.4	38.2
249	30.5	23.5	35.3



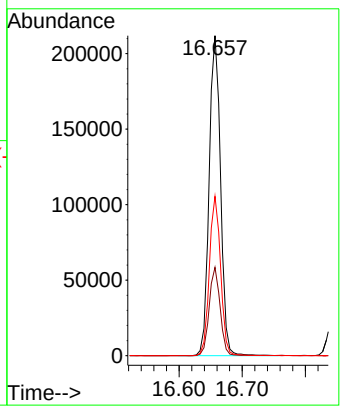


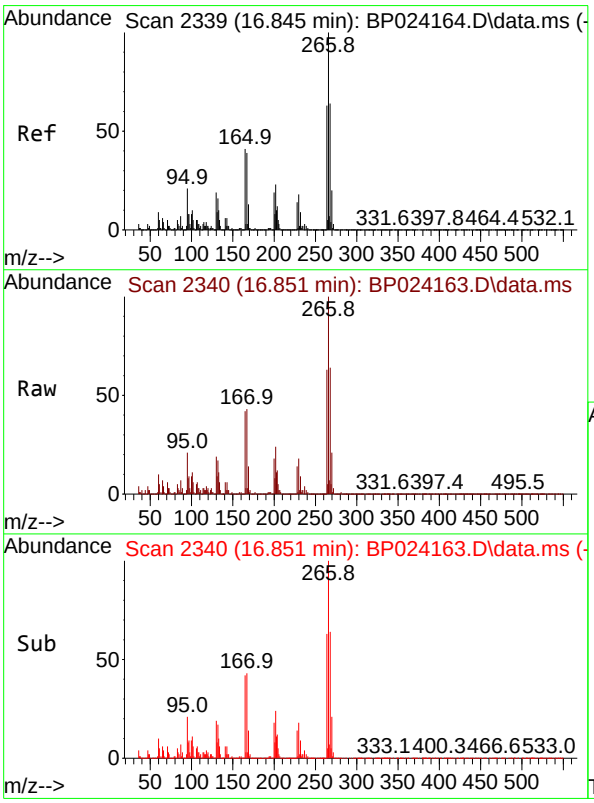
#69
Atrazine
Concen: 19.568 ng
RT: 16.657 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 265940

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.6	47.6
215	49.8	29.0	69.0

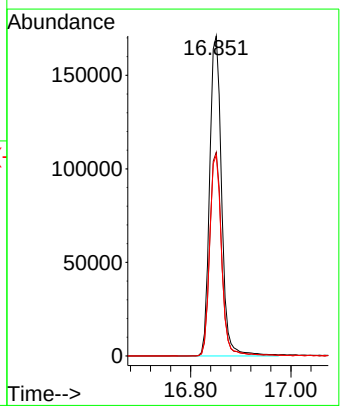


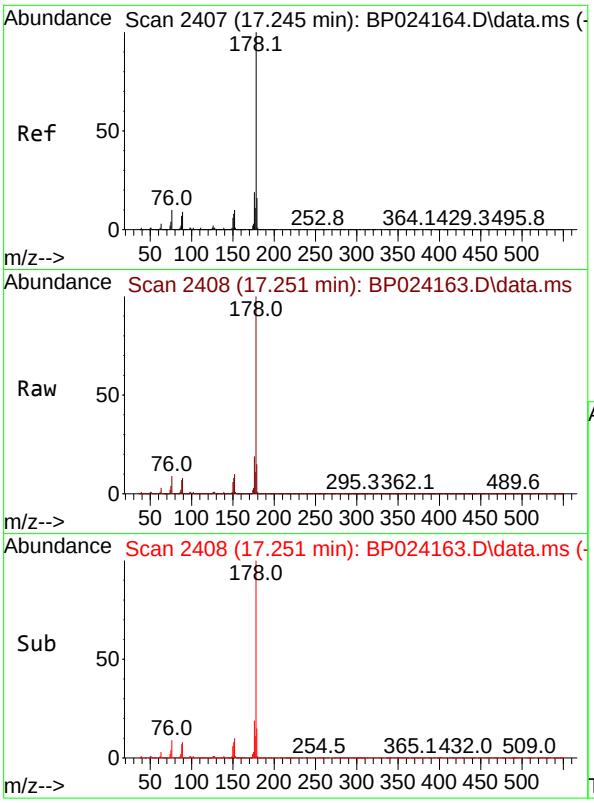


#70
Pentachlorophenol
Concen: 19.373 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:266 Resp: 282344

Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.3	76.9
264	62.7	50.6	76.0



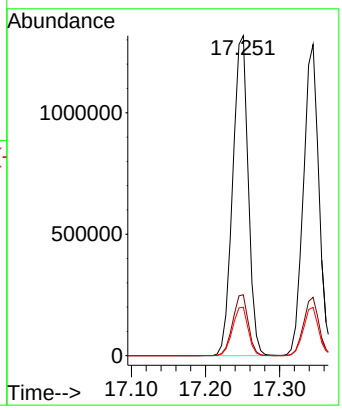


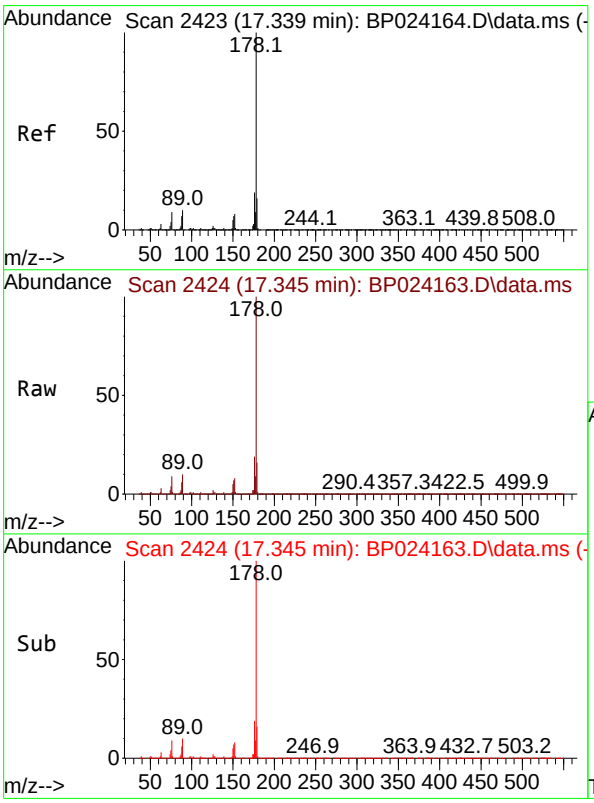
#71
Phenanthrene
Concen: 19.965 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1911548

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.2	12.5	18.7

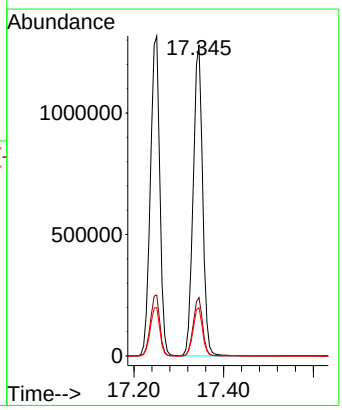


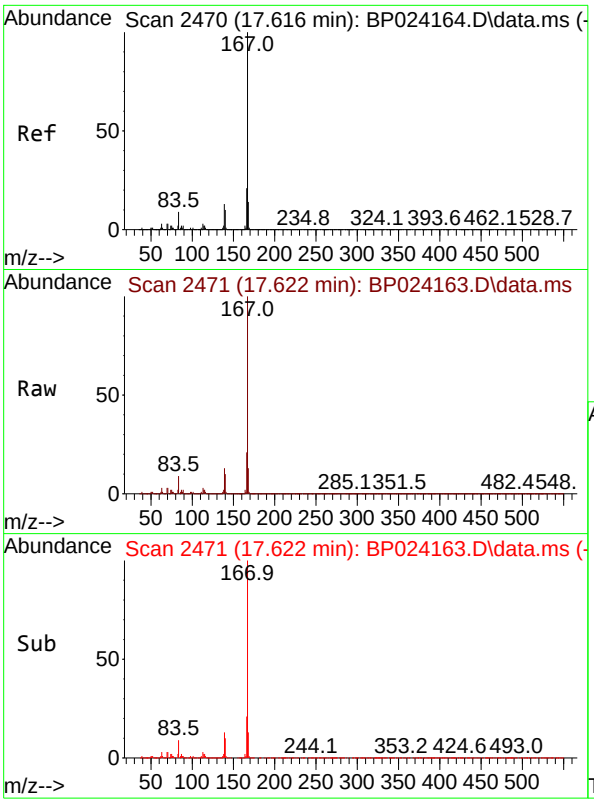


#72
Anthracene
Concen: 20.386 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:178 Resp: 1870471

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.5	12.6	18.8



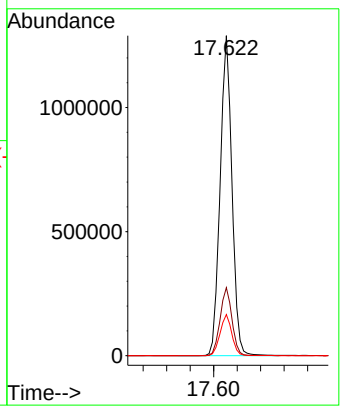


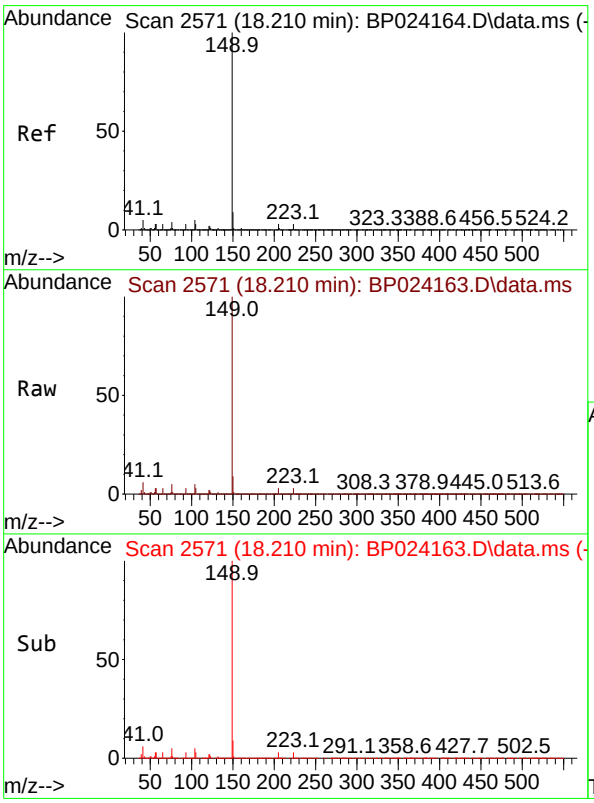
#73
Carbazole
Concen: 20.589 ng
RT: 17.622 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 1799842

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.8	10.2	15.4

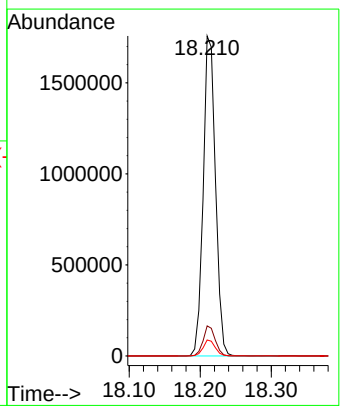


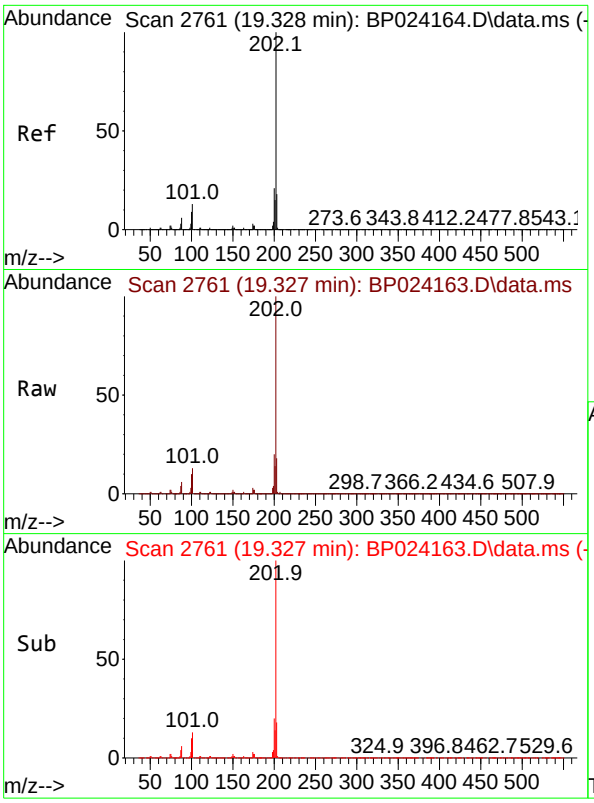


#74
Di-n-butylphthalate
Concen: 20.765 ng
RT: 18.210 min Scan# 2571
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:149 Resp: 2118089

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.0	3.9	5.9



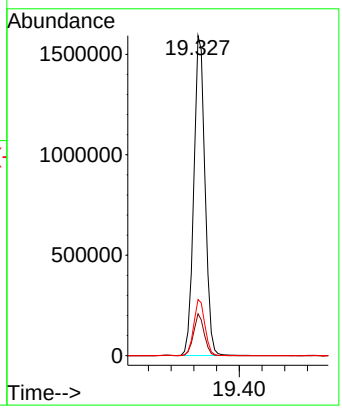


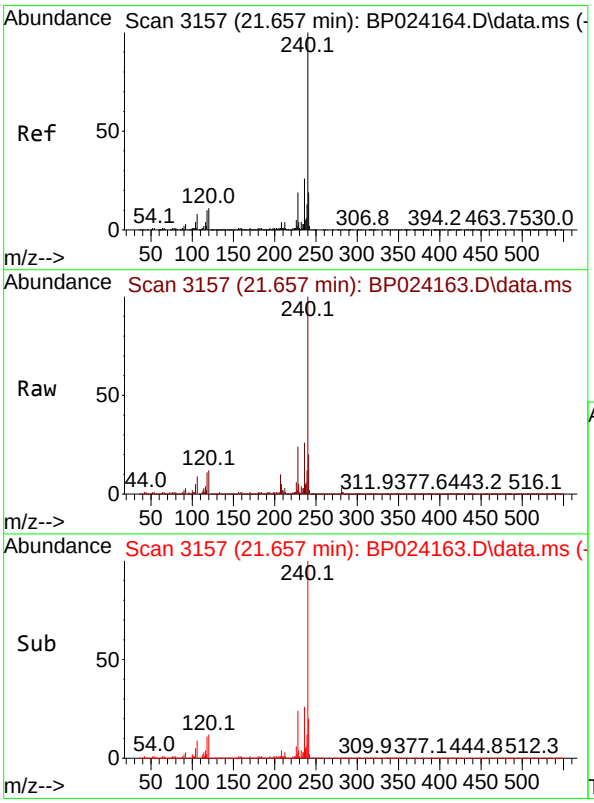
#75
Fluoranthene
Concen: 20.186 ng
RT: 19.327 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 2186012

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.5
203	17.5	0.0	37.9

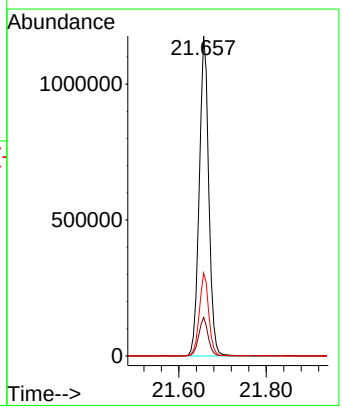


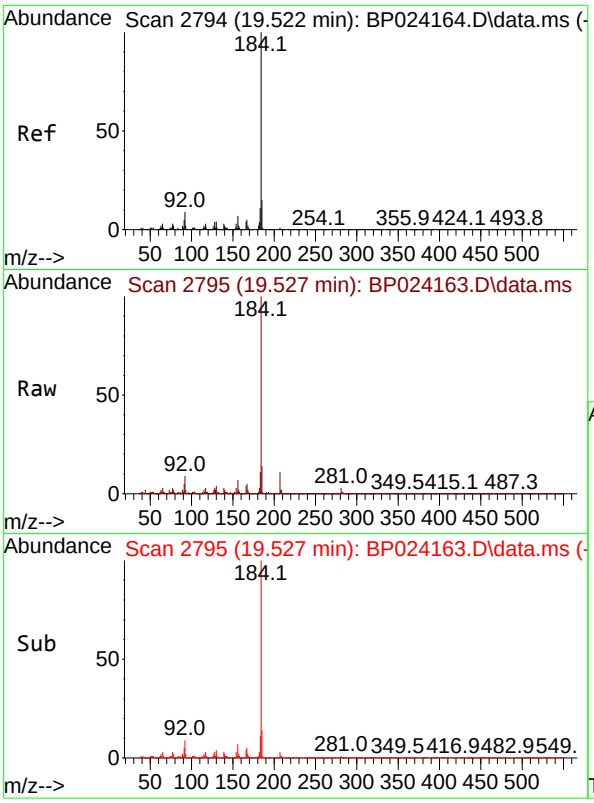


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3157
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:240 Resp: 1778727

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.2	13.8
236	25.9	20.4	30.6



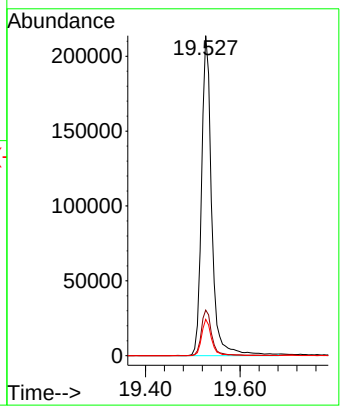


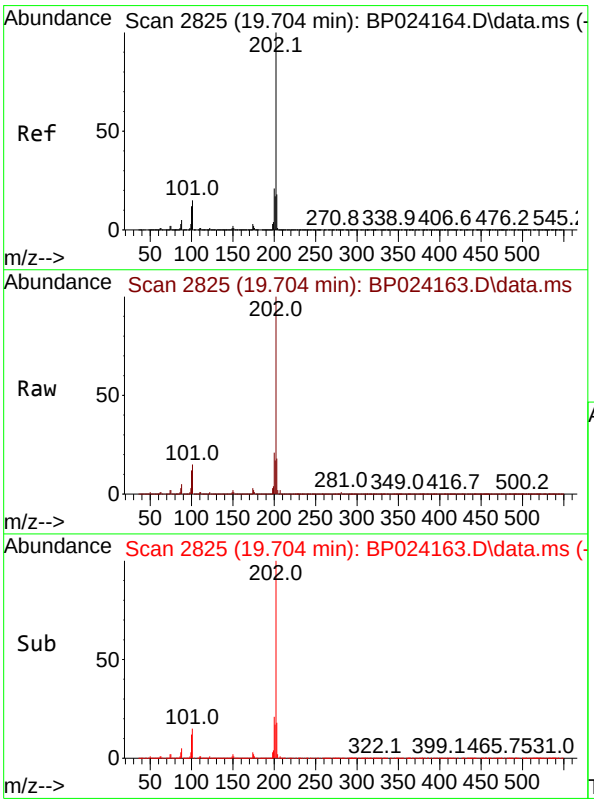
#77
Benzidine
Concen: 14.642 ng
RT: 19.527 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 317361

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	11.4	9.1	13.7

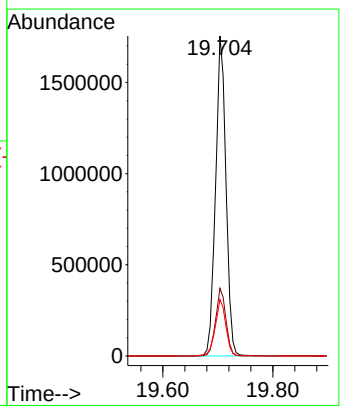


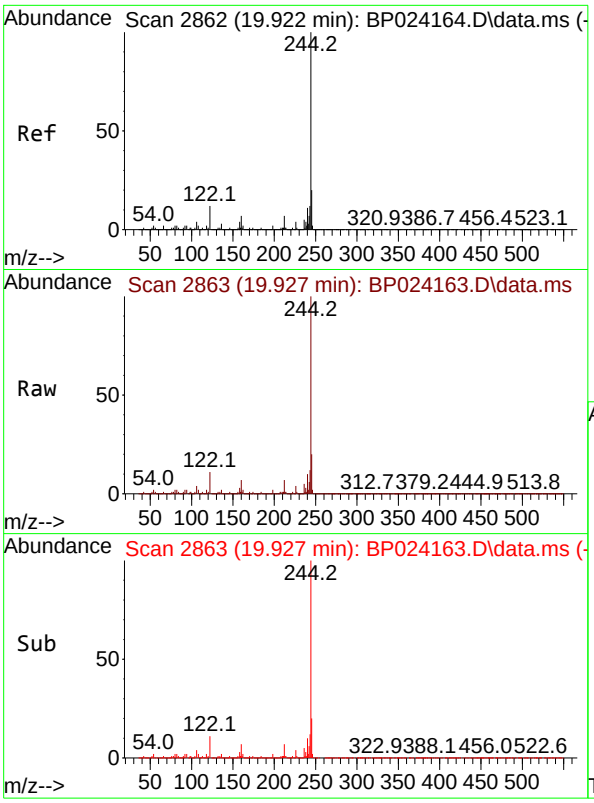


#78
Pyrene
Concen: 20.454 ng
RT: 19.704 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:202 Resp: 2310992

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.6	14.2	21.4



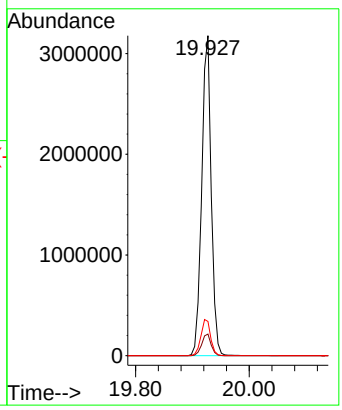


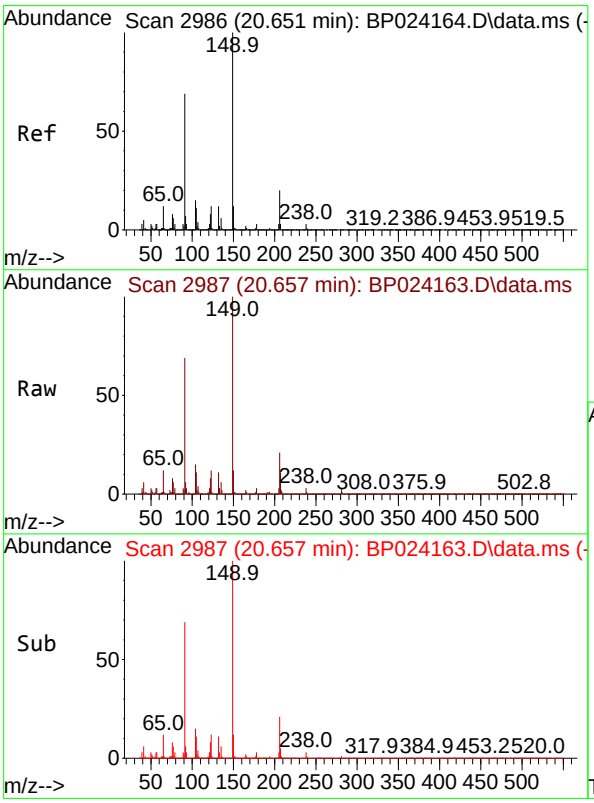
#79
Terphenyl-d14
Concen: 40.898 ng
RT: 19.927 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 3676388

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.7	9.6	14.4

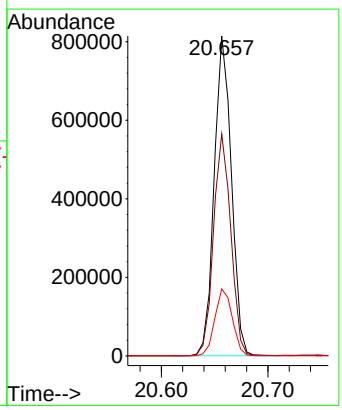


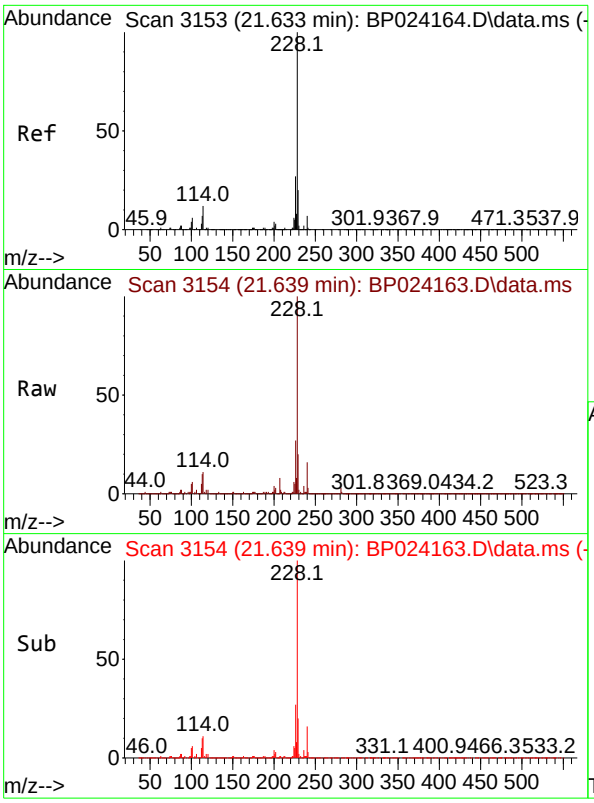


#80
Butylbenzylphthalate
Concen: 21.082 ng
RT: 20.657 min Scan# 2987
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:149 Resp: 912738

Ion	Ratio	Lower	Upper
149	100		
91	69.4	55.3	82.9
206	20.9	16.1	24.1



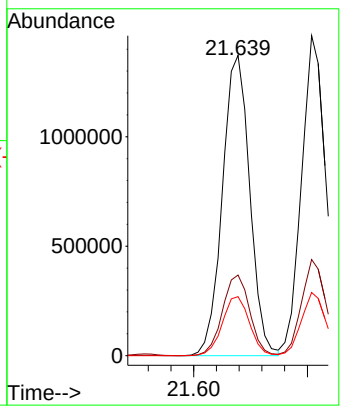


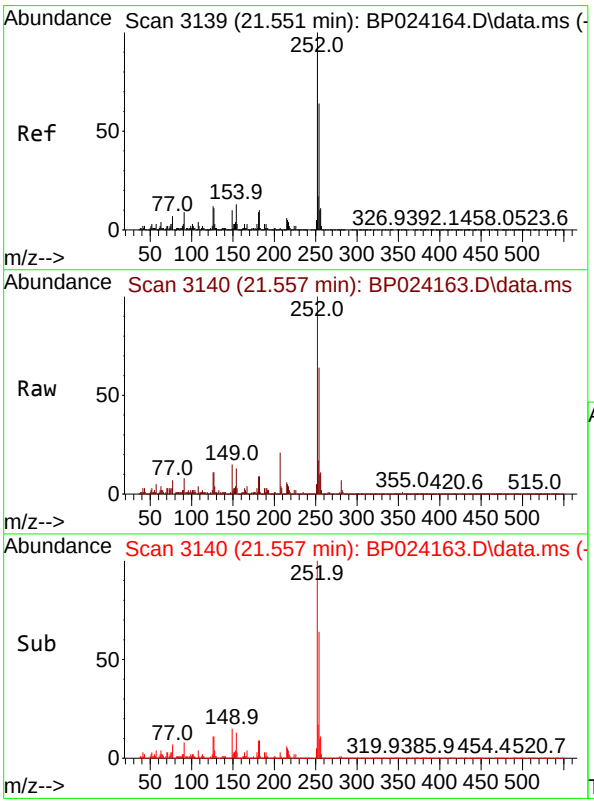
#81
Benzo(a)anthracene
Concen: 20.583 ng
RT: 21.639 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2295776

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.6	16.0	24.0

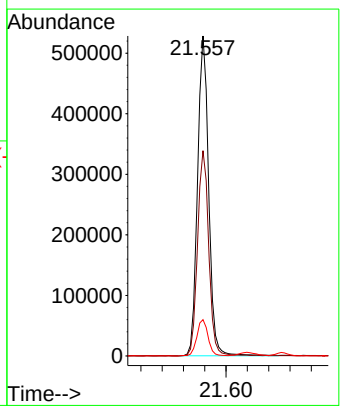


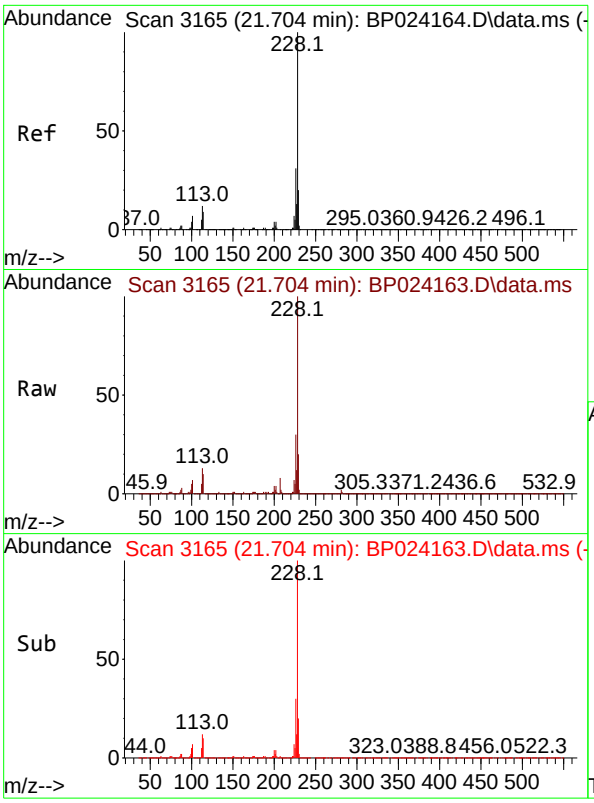


#82
3,3'-Dichlorobenzidine
Concen: 21.882 ng
RT: 21.557 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:252 Resp: 762665

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.2
126	11.4	9.3	13.9



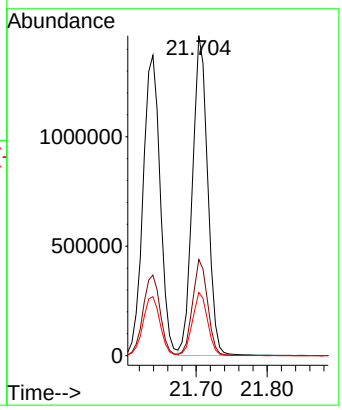


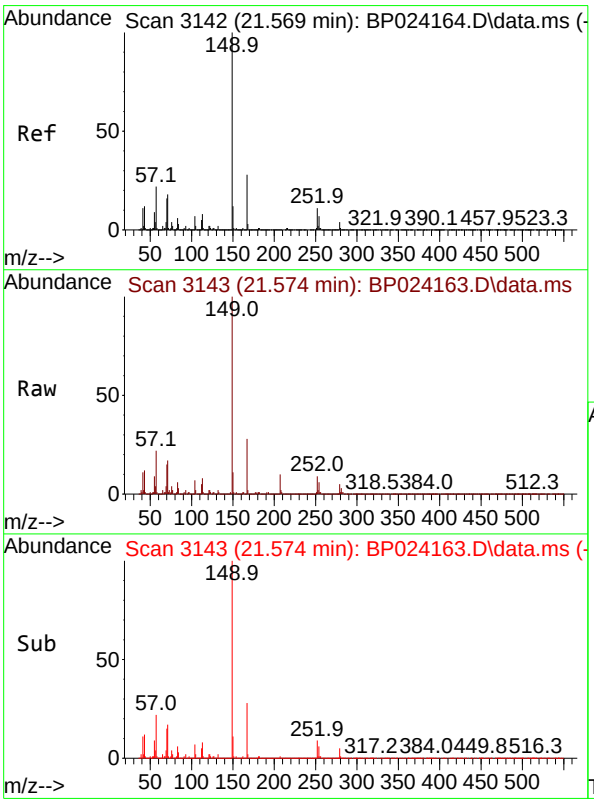
#83
Chrysene
Concen: 20.250 ng
RT: 21.704 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2177924

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	19.8	16.2	24.2

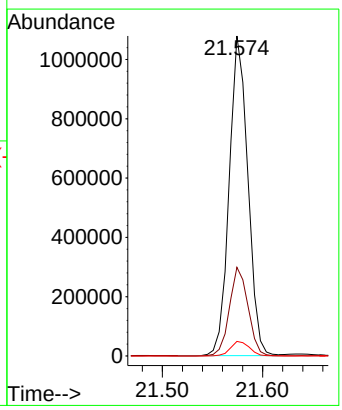


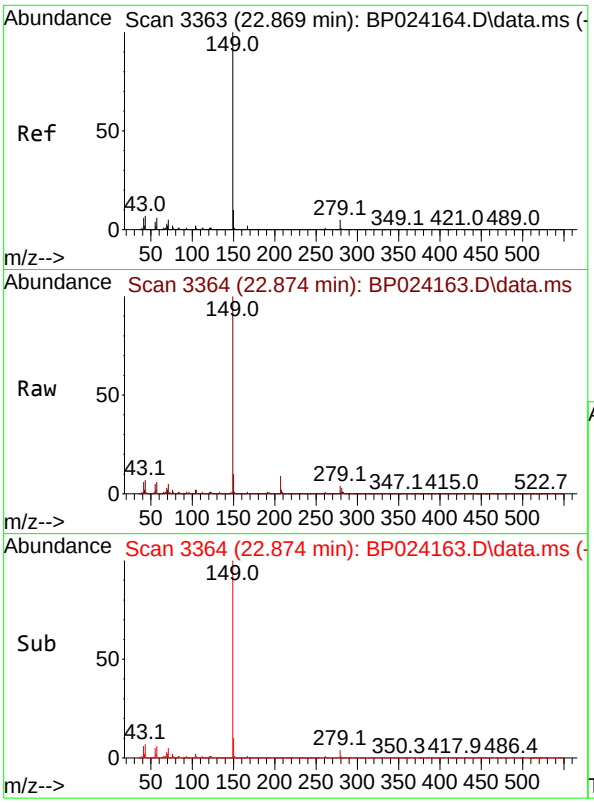


#84
Bis(2-ethylhexyl)phthalate
Concen: 21.249 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:149 Resp: 1395096

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	4.5	3.6	5.4



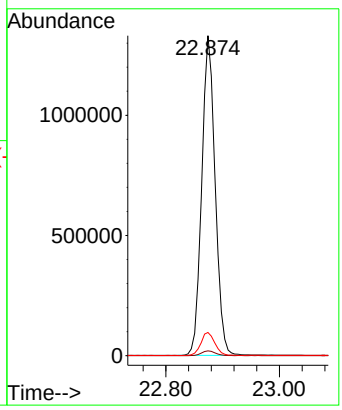


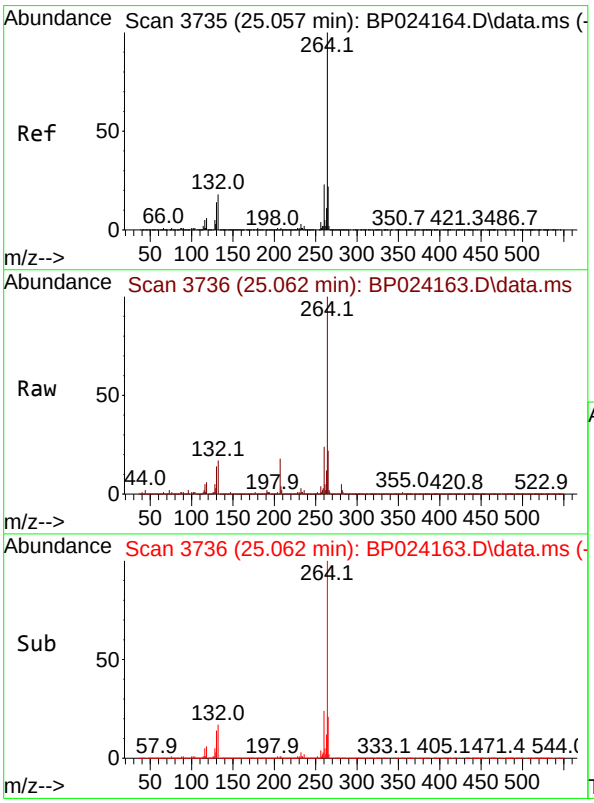
#85
Di-n-octyl phthalate
Concen: 20.752 ng
RT: 22.874 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 2177750

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.5	5.8	8.8

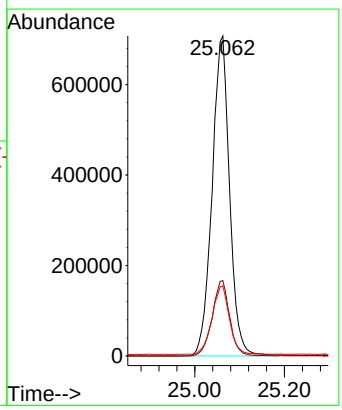


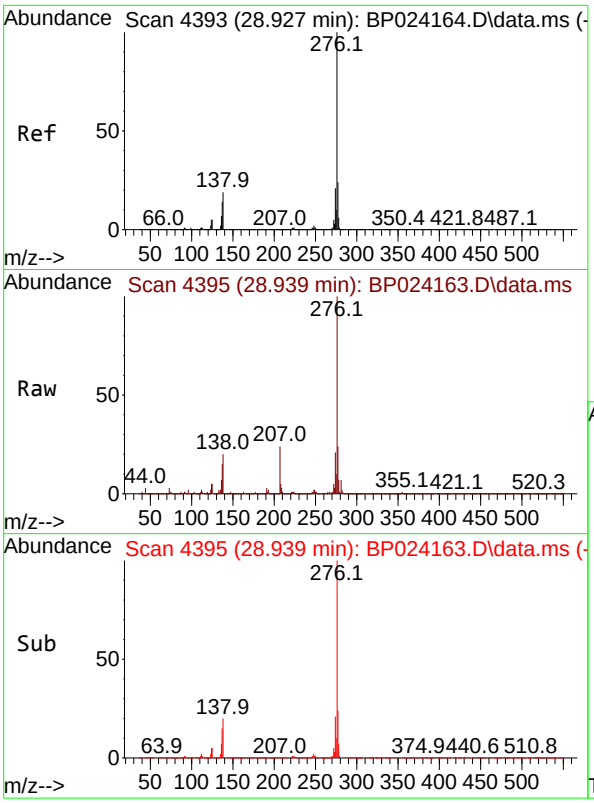


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.062 min Scan# 3736
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:264 Resp: 1914395

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.0	17.7	26.5



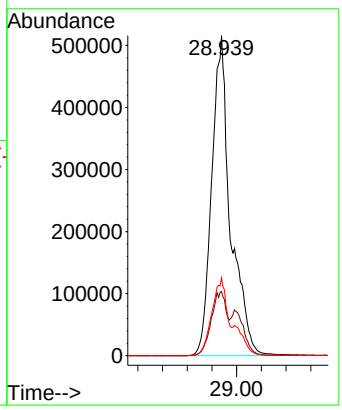


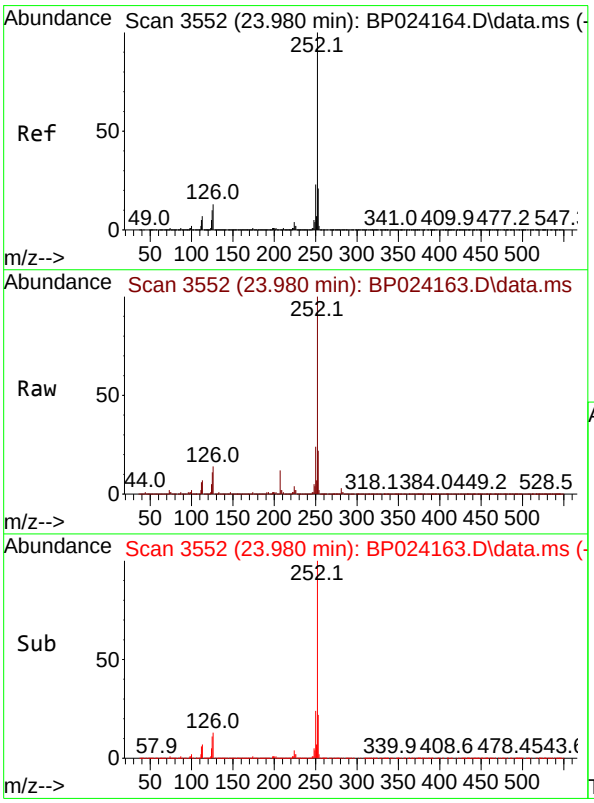
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.980 ng
RT: 28.939 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2721144

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.7	20.5
277	19.5	20.2	30.2#

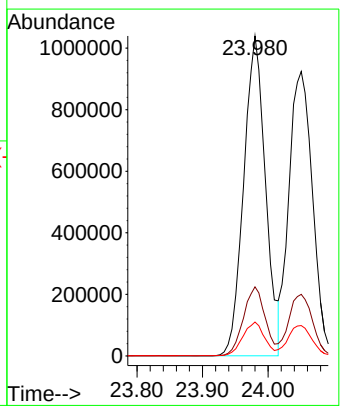


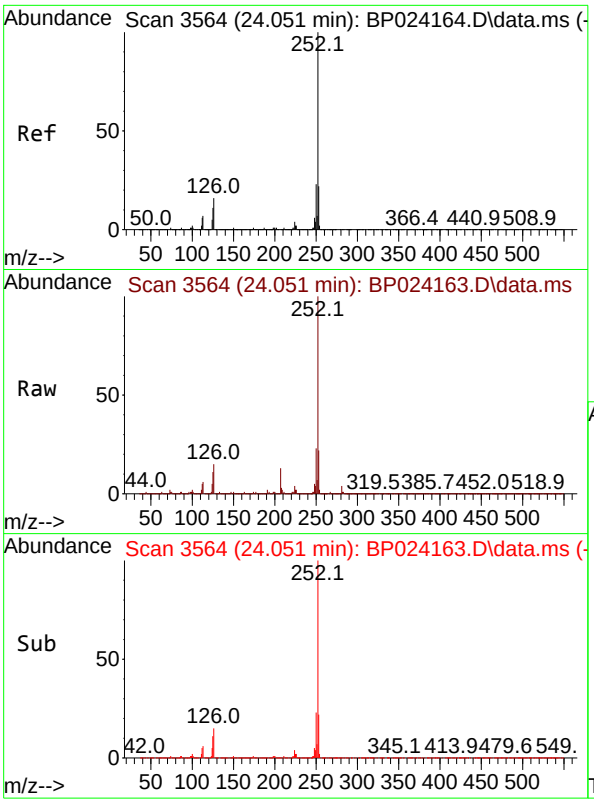


#88
Benzo(b)fluoranthene
Concen: 19.806 ng
RT: 23.980 min Scan# 3552
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:252 Resp: 2407773

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.6	8.2	12.4



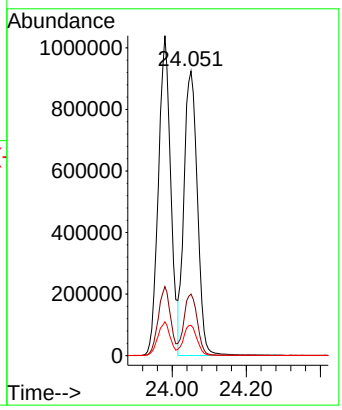


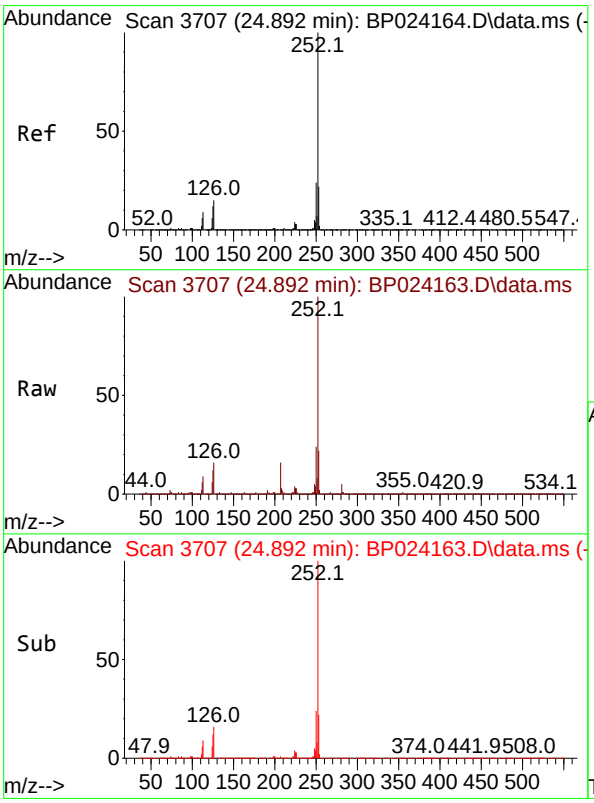
#89
Benzo(k)fluoranthene
Concen: 19.624 ng
RT: 24.051 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 2322149

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.7	9.1	13.7

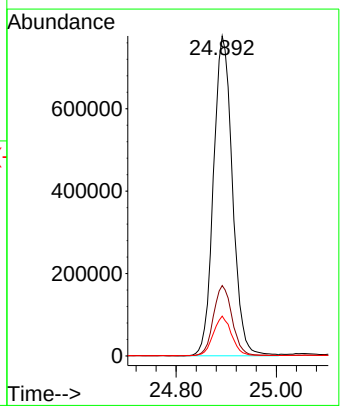


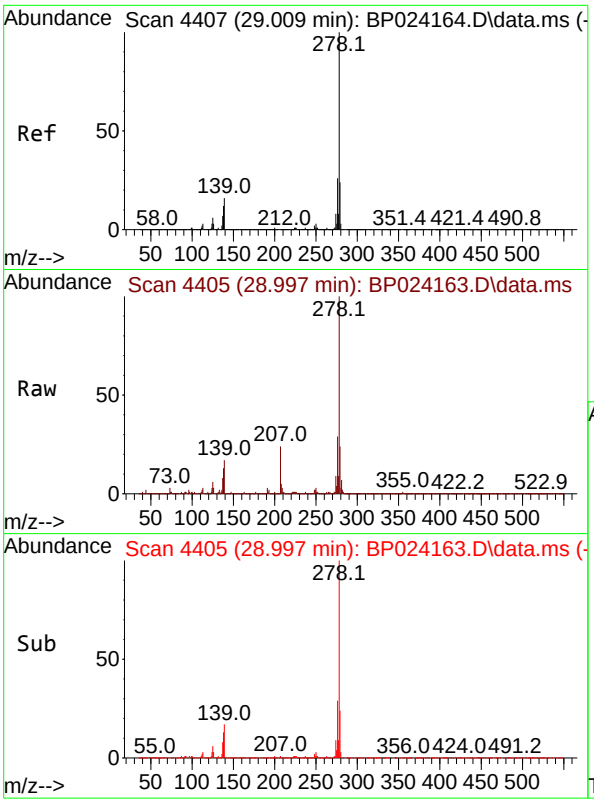


#90
Benzo(a)pyrene
Concen: 19.755 ng
RT: 24.892 min Scan# 3707
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:252 Resp: 2038106

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.5	9.6	14.4



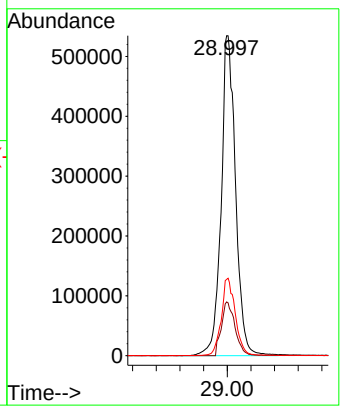


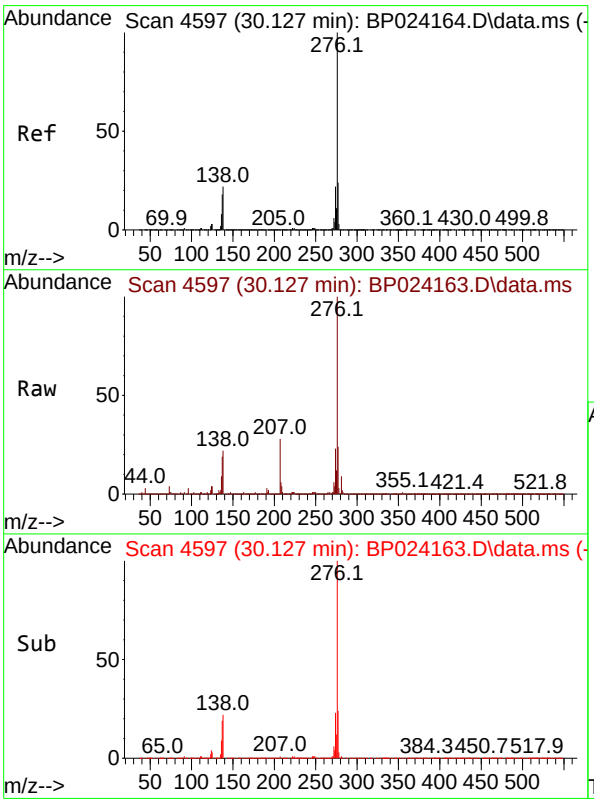
#91
Dibenzo(a,h)anthracene
Concen: 19.797 ng
RT: 28.997 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 2267016

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.0	19.4
279	23.8	18.8	28.2

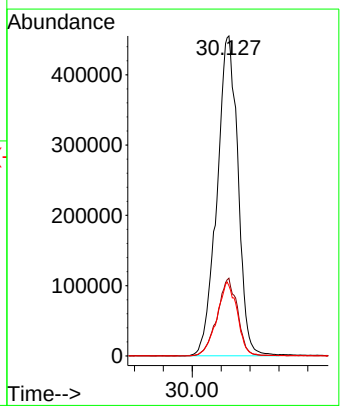




#92
Benzo(g,h,i)perylene
Concen: 19.746 ng
RT: 30.127 min Scan# 4597
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:276 Resp: 2294574

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	21.9	17.4	26.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024164.D
Acq On : 12 Mar 2025 19:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Mar 13 04:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	383350	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1538579	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	930584	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1720919	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1881172	20.000	ng	0.00
86) Perylene-d12	25.057	264	2043442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1856351	75.560	ng	0.00
7) Phenol-d6	6.952	99	2501405	79.217	ng	0.00
23) Nitrobenzene-d5	8.922	82	2157744	78.240	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	938209	82.309	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4911554	73.785	ng	0.00
79) Terphenyl-d14	19.922	244	7133778	75.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	359722	37.325	ng	100
3) Pyridine	3.717	79	1004903	40.105	ng	100
4) n-Nitrosodimethylamine	3.623	42	330244	37.156	ng	100
6) Aniline	7.111	93	1138144	39.358	ng	100
8) 2-Chlorophenol	7.346	128	1001335	38.507	ng	100
9) Benzaldehyde	6.922	77	597740	41.462	ng	100
10) Phenol	6.975	94	1248029	39.305	ng	100
11) bis(2-Chloroethyl)ether	7.199	93	976195	39.033	ng	100
12) 1,3-Dichlorobenzene	7.664	146	1063428	37.225	ng	100
13) 1,4-Dichlorobenzene	7.811	146	1083221	37.495	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1041511	37.564	ng	100
15) Benzyl Alcohol	8.011	79	798656	41.320	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.305	45	991099	40.824	ng	100
17) 2-Methylphenol	8.216	107	795971	41.136	ng	100
18) Hexachloroethane	8.846	117	389110	37.399	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	737233	43.423	ng	100
20) 3+4-Methylphenols	8.540	107	1098375	41.727	ng	100
22) Acetophenone	8.587	105	1525122	38.574	ng	100
24) Nitrobenzene	8.963	77	1049347	38.662	ng	100
25) Isophorone	9.487	82	1853580	41.100	ng	100
26) 2-Nitrophenol	9.669	139	525614	42.034	ng	100
27) 2,4-Dimethylphenol	9.734	122	661755	40.316	ng	100
28) bis(2-Chloroethoxy)met...	9.963	93	1285698	39.353	ng	100
29) 2,4-Dichlorophenol	10.205	162	912137	40.720	ng	100
30) 1,2,4-Trichlorobenzene	10.416	180	960872	37.439	ng	100
31) Naphthalene	10.605	128	3167478	38.287	ng	100
32) Benzoic acid	9.875	122	670600	44.564	ng	100
33) 4-Chloroaniline	10.710	127	1159633	39.789	ng	100
34) Hexachlorobutadiene	10.893	225	553609	37.241	ng	100
35) Caprolactam	11.499	113	299017	44.083	ng	100
36) 4-Chloro-3-methylphenol	11.840	107	966642	41.977	ng	100
37) 2-Methylnaphthalene	12.210	142	2167502	39.419	ng	100
38) 1-Methylnaphthalene	12.434	142	2071946	38.734	ng	100
40) 1,2,4,5-Tetrachloroben...	12.587	216	1039275	36.348	ng	100
41) Hexachlorocyclopentadiene	12.563	237	395145	37.139	ng	100
43) 2,4,6-Trichlorophenol	12.828	196	692810	39.731	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024164.D
Acq On : 12 Mar 2025 19:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Mar 13 04:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	760360	39.872	ng	100
46) 1,1'-Biphenyl	13.228	154	2720465	37.621	ng	100
47) 2-Chloronaphthalene	13.269	162	2037284	37.269	ng	100
48) 2-Nitroaniline	13.475	65	543429	42.085	ng	100
49) Acenaphthylene	14.128	152	3091813	38.389	ng	100
50) Dimethylphthalate	13.857	163	2526732	38.493	ng	100
51) 2,6-Dinitrotoluene	13.975	165	546912	40.901	ng	100
52) Acenaphthene	14.469	154	1973969	38.061	ng	100
53) 3-Nitroaniline	14.310	138	599822	42.038	ng	100
54) 2,4-Dinitrophenol	14.522	184	297379	41.760	ng	100
55) Dibenzofuran	14.810	168	3184940	37.802	ng	100
56) 4-Nitrophenol	14.634	139	515335	41.811	ng	100
57) 2,4-Dinitrotoluene	14.775	165	732669	42.180	ng	100
58) Fluorene	15.469	166	2502924	38.039	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	662947	40.068	ng	100
60) Diethylphthalate	15.240	149	2527904	38.794	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	1225168	37.829	ng	100
62) 4-Nitroaniline	15.487	138	638694	43.134	ng	100
63) Azobenzene	15.763	77	2401881	39.335	ng	100
65) 4,6-Dinitro-2-methylph...	15.551	198	412313	41.395	ng	100
66) n-Nitrosodiphenylamine	15.681	169	2063452	38.450	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	745376	38.570	ng	100
68) Hexachlorobenzene	16.492	284	873989	38.435	ng	100
69) Atrazine	16.657	200	466258	33.855	ng	100
70) Pentachlorophenol	16.845	266	610729	41.352	ng	100
71) Phenanthrene	17.245	178	3727050	38.414	ng	100
72) Anthracene	17.339	178	3658135	39.344	ng	100
73) Carbazole	17.616	167	3584494	40.463	ng	100
74) Di-n-butylphthalate	18.210	149	4336969	41.958	ng	100
75) Fluoranthene	19.328	202	4349734	39.636	ng	100
77) Benzidine	19.522	184	968916	42.268	ng	100
78) Pyrene	19.704	202	4529960	37.911	ng	100
80) Butylbenzylphthalate	20.651	149	1972887	43.087	ng	100
81) Benzo(a)anthracene	21.633	228	4546432	38.542	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1610565	43.694	ng	100
83) Chrysene	21.704	228	4356257	38.298	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	2980735	42.929	ng	100
85) Di-n-octyl phthalate	22.869	149	4786749	43.129	ng	100
87) Indeno(1,2,3-cd)pyrene	28.927	276	5583803	38.410	ng	100
88) Benzo(b)fluoranthene	23.980	252	4864855	37.490	ng	100
89) Benzo(k)fluoranthene	24.051	252	4618537	36.566	ng	100
90) Benzo(a)pyrene	24.892	252	4204610	38.180	ng	100
91) Dibenzo(a,h)anthracene	29.009	278	4646524	38.014	ng	100
92) Benzo(g,h,i)perylene	30.127	276	4714749	38.011	ng	100

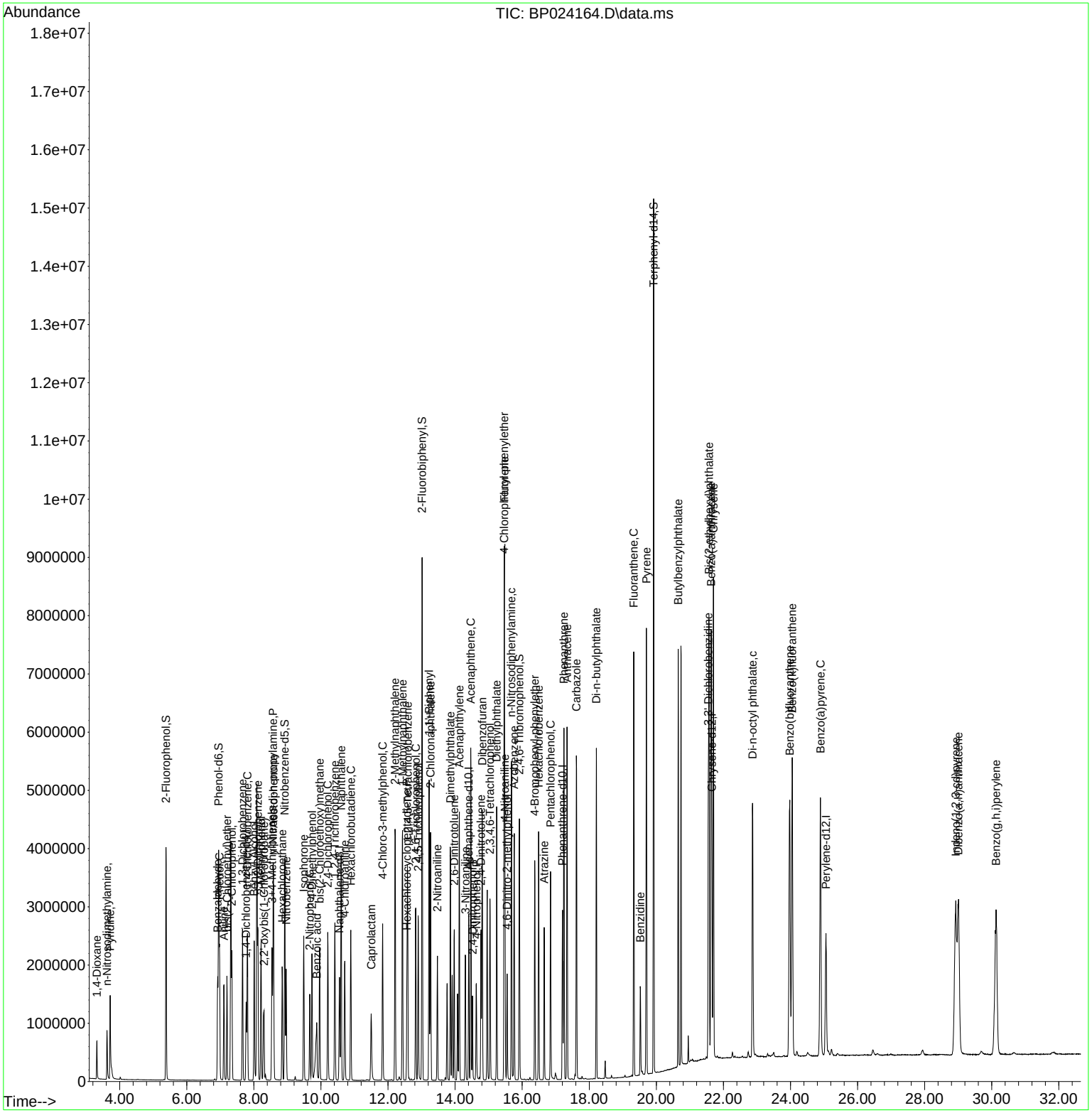
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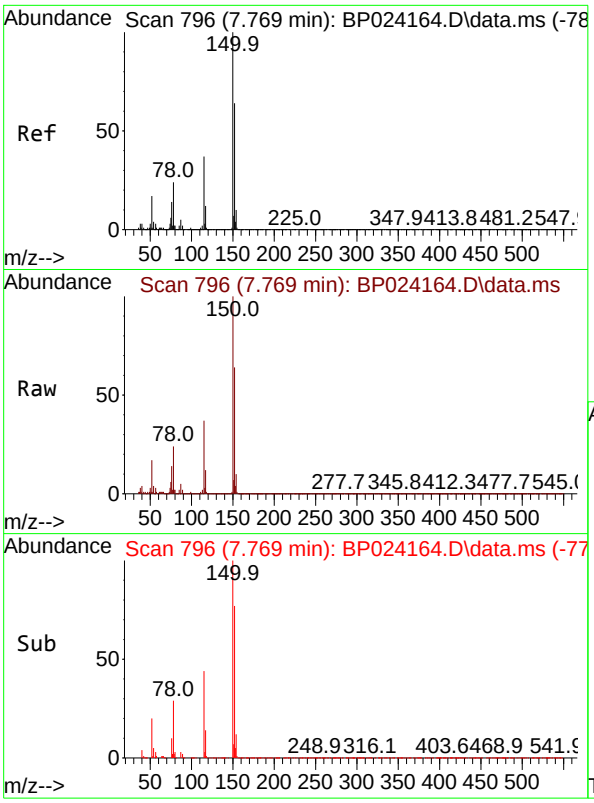
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024164.D
Acq On : 12 Mar 2025 19:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Mar 13 04:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



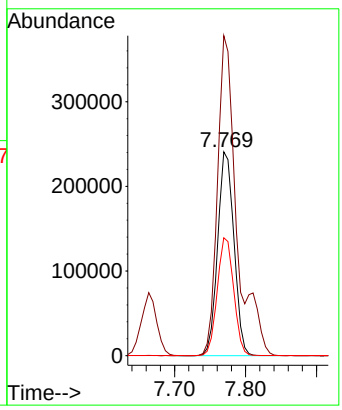


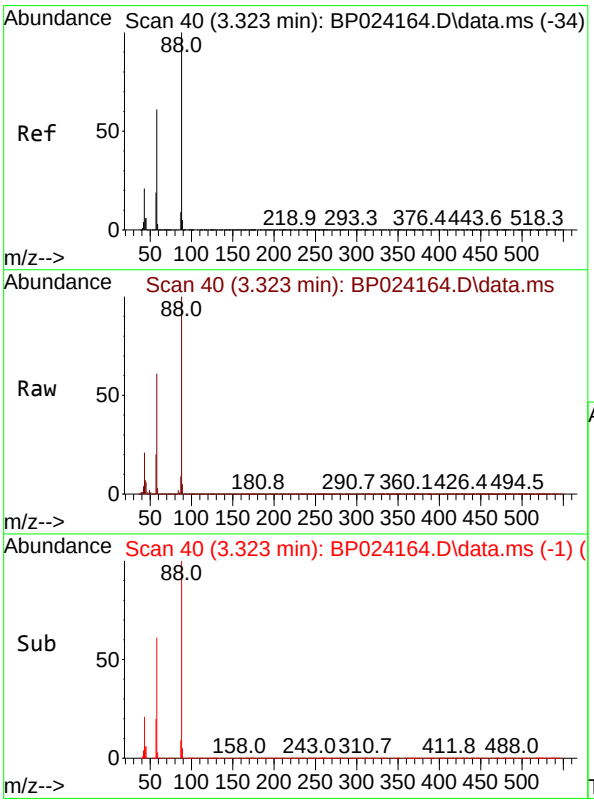
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 383350

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.5	188.3
115	57.9	46.3	69.5

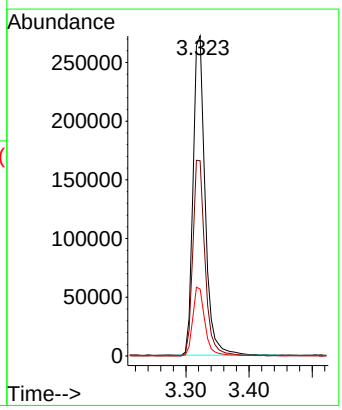


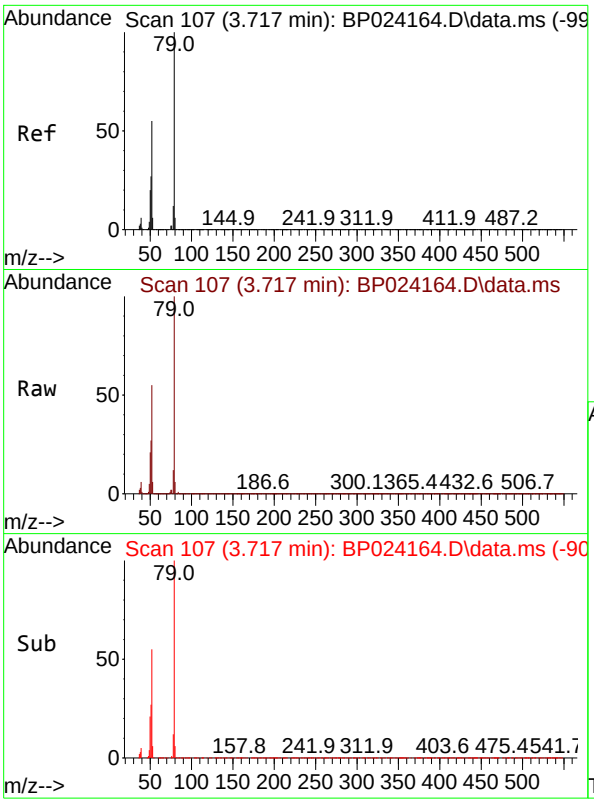


#2
1,4-Dioxane
Concen: 37.325 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 88 Resp: 359722

Ion	Ratio	Lower	Upper
88	100		
58	62.2	49.8	74.6
43	21.6	17.3	25.9



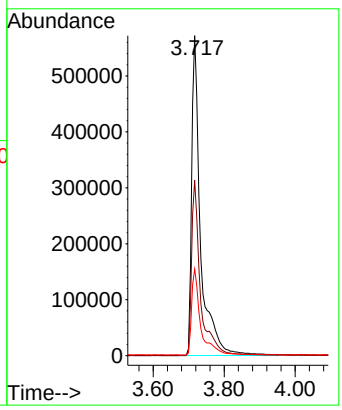


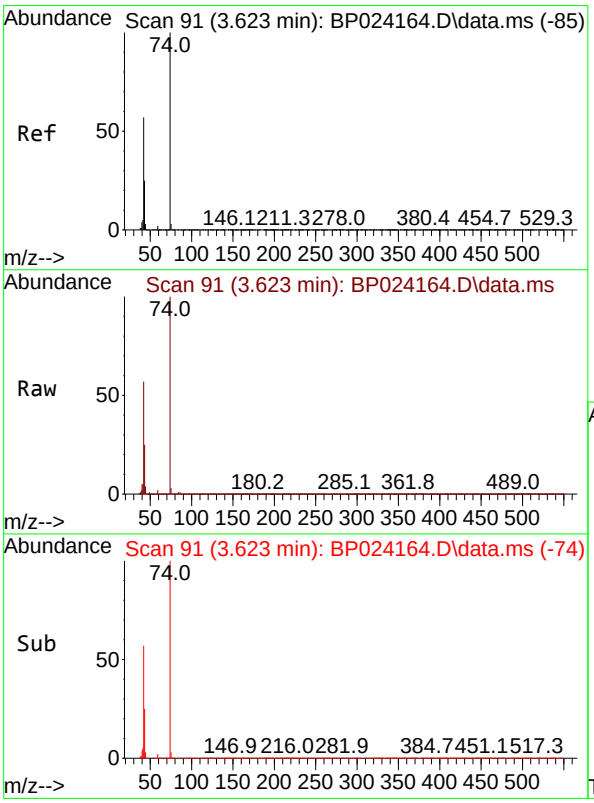
#3
Pyridine
Concen: 40.105 ng
RT: 3.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 1004903

Ion	Ratio	Lower	Upper
79	100		
52	54.8	43.8	65.8
51	27.0	21.6	32.4

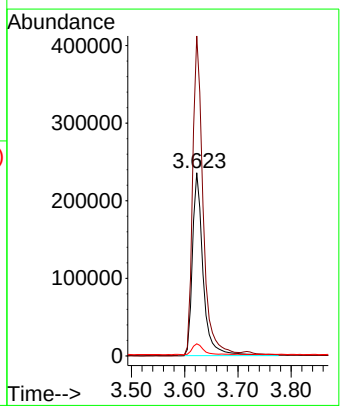


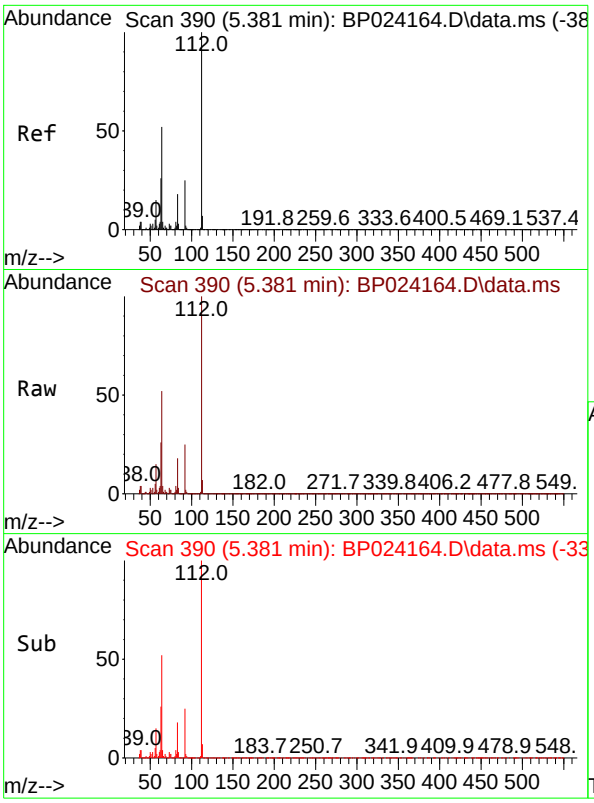


#4
n-Nitrosodimethylamine
Concen: 37.156 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 42 Resp: 330244

Ion	Ratio	Lower	Upper
42	100		
74	174.7	139.8	209.6
44	6.6	5.3	7.9



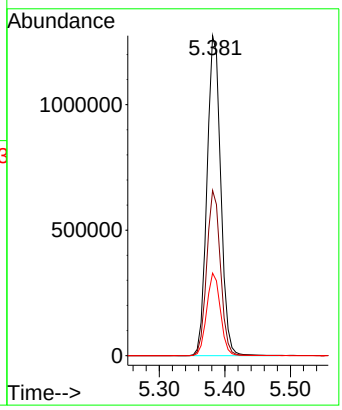


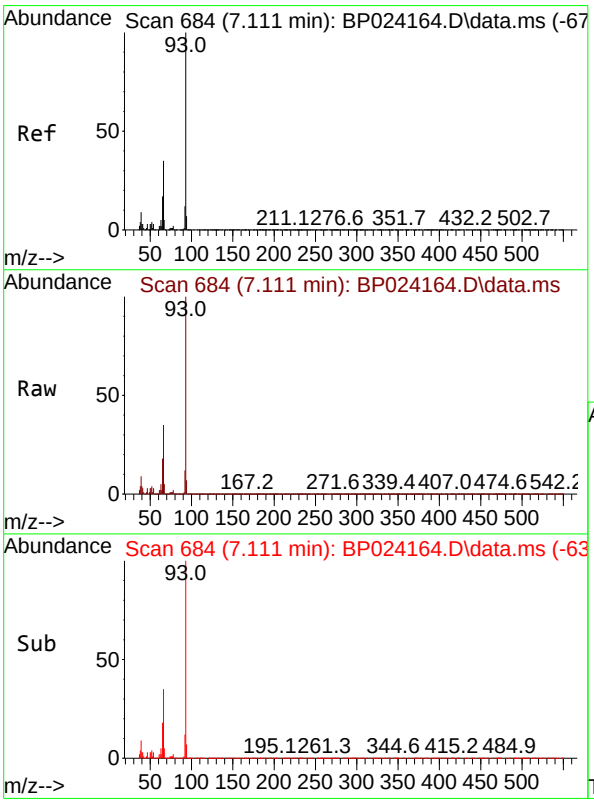
#5
2-Fluorophenol
Concen: 75.560 ng
RT: 5.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1856351

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.3	61.9
63	25.8	20.6	31.0

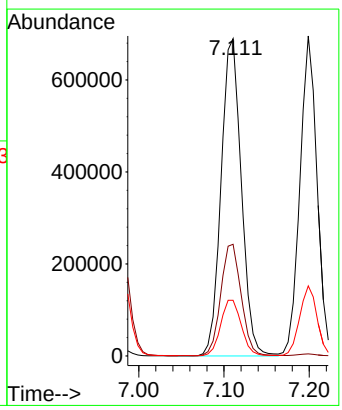


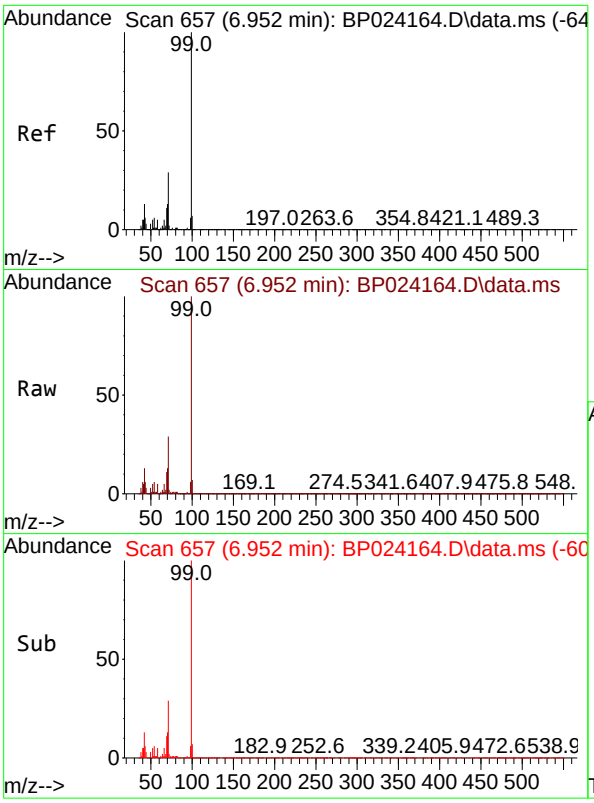


#6
Aniline
Concen: 39.358 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 93 Resp: 1138144

Ion	Ratio	Lower	Upper
93	100		
66	35.2	28.2	42.2
65	17.5	14.0	21.0



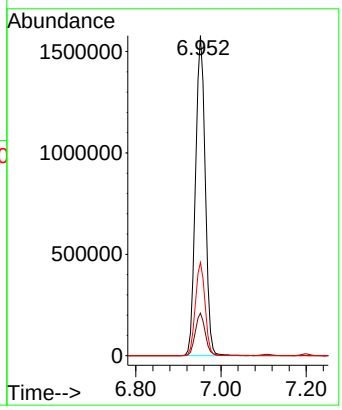


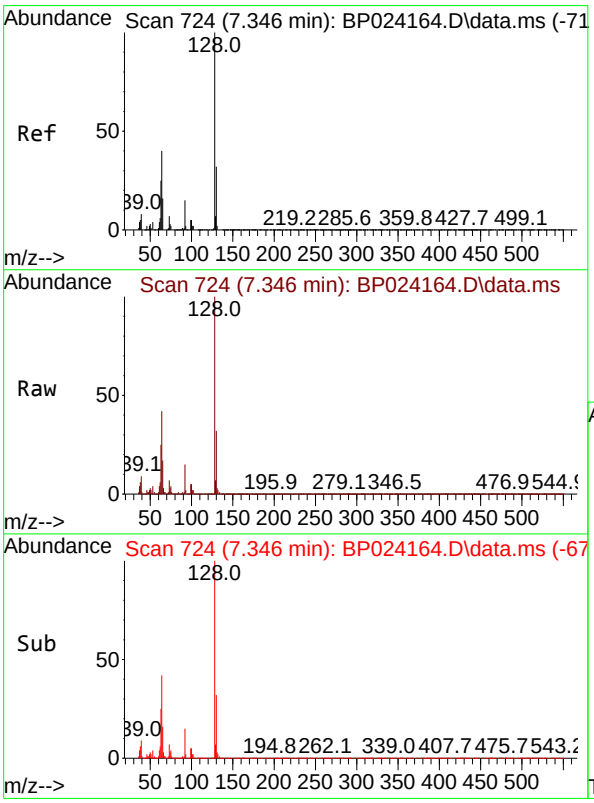
#7
Phenol-d6
Concen: 79.217 ng
RT: 6.952 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 2501405

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.1	23.3	34.9

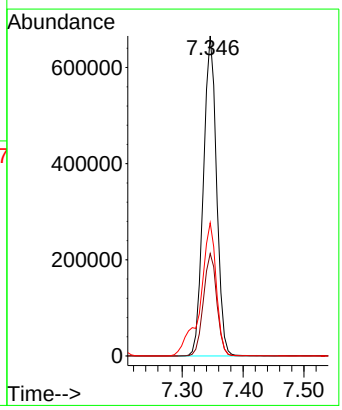


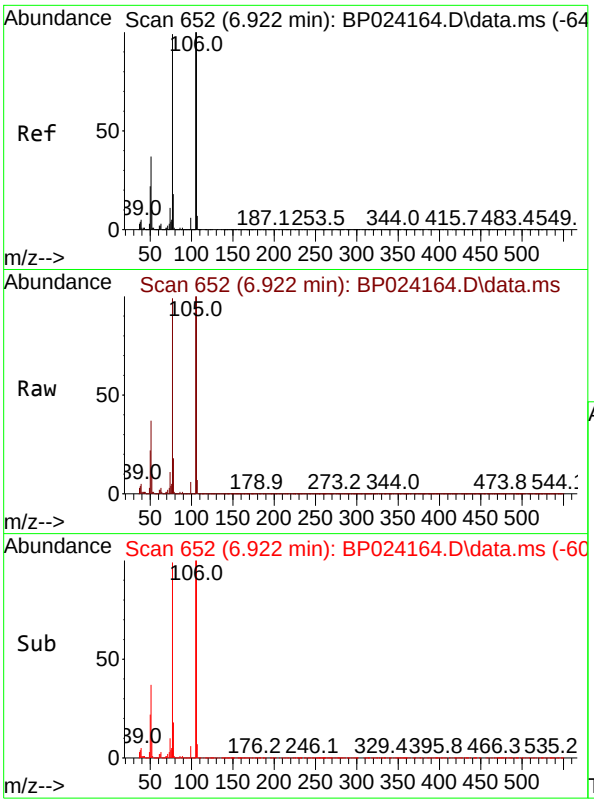


#8
2-Chlorophenol
Concen: 38.507 ng
RT: 7.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:128 Resp: 1001335

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	41.6	21.6	61.6



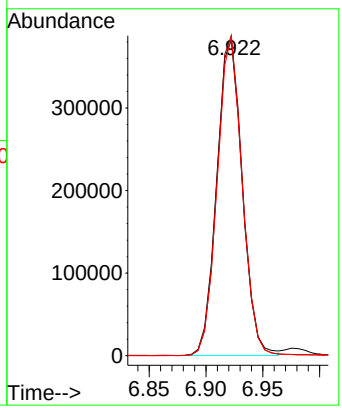


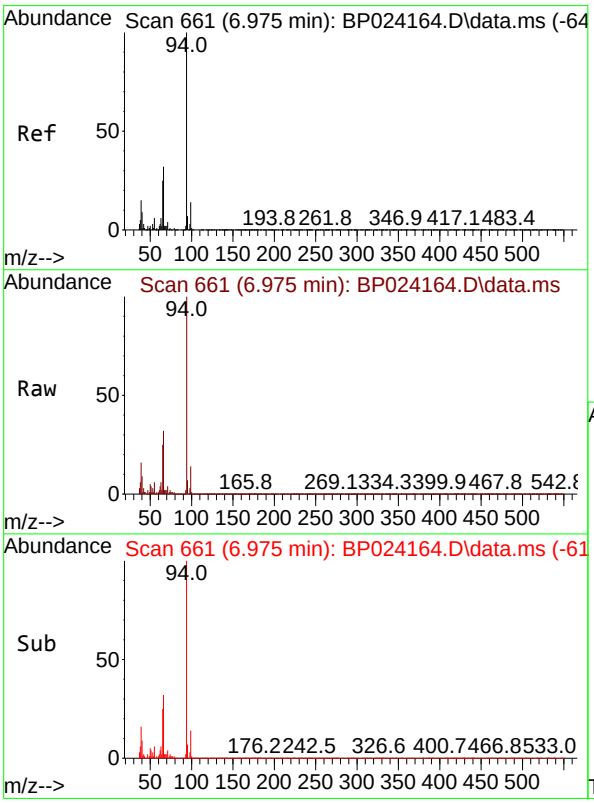
#9
Benzaldehyde
Concen: 41.462 ng
RT: 6.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 597740

Ion	Ratio	Lower	Upper
77	100		
105	101.4	81.4	121.4
106	101.1	81.1	121.1

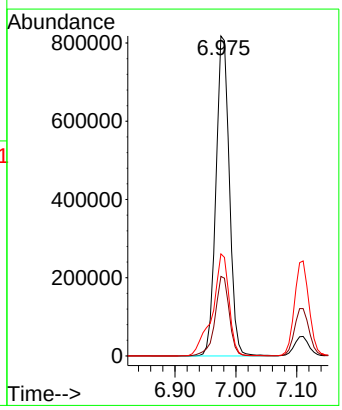


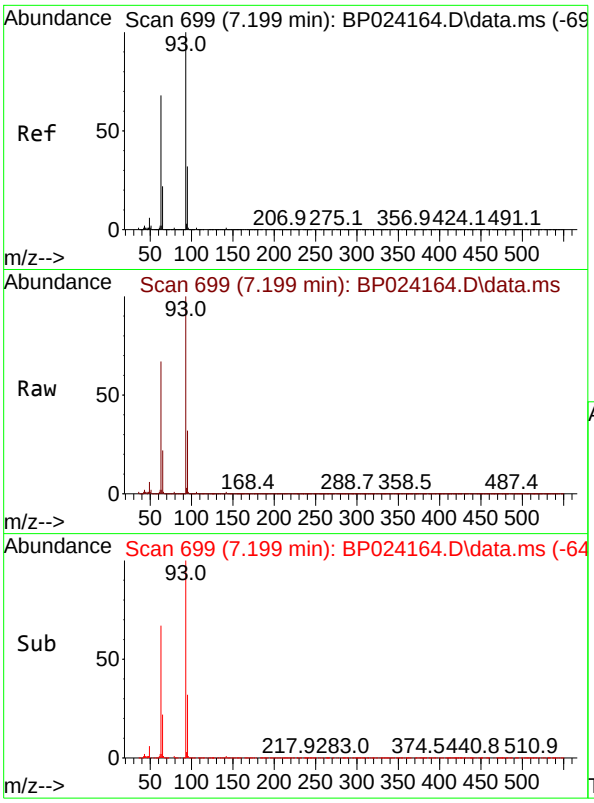


#10
Phenol
Concen: 39.305 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 94 Resp: 1248029

Ion	Ratio	Lower	Upper
94	100		
65	24.9	4.9	44.9
66	31.9	11.9	51.9



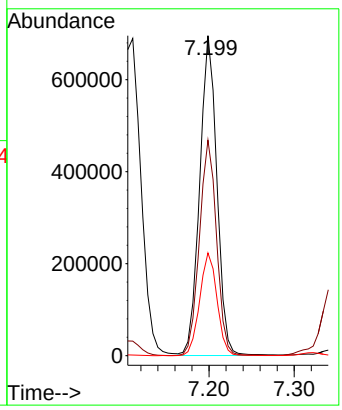


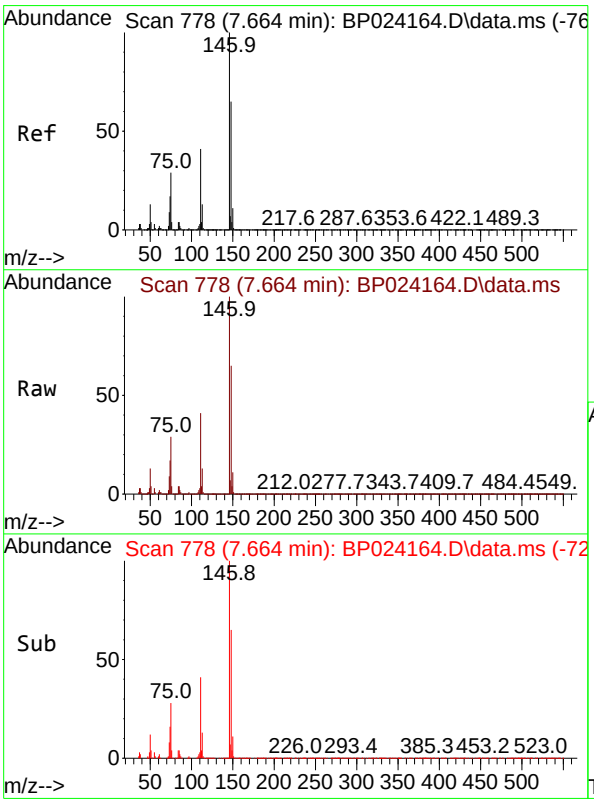
#11
bis(2-Chloroethyl)ether
Concen: 39.033 ng
RT: 7.199 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 976195

Ion	Ratio	Lower	Upper
93	100		
63	67.4	47.4	87.4
95	32.1	12.1	52.1

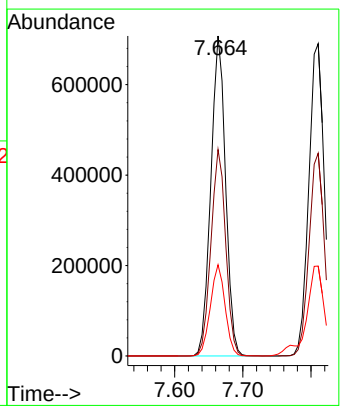


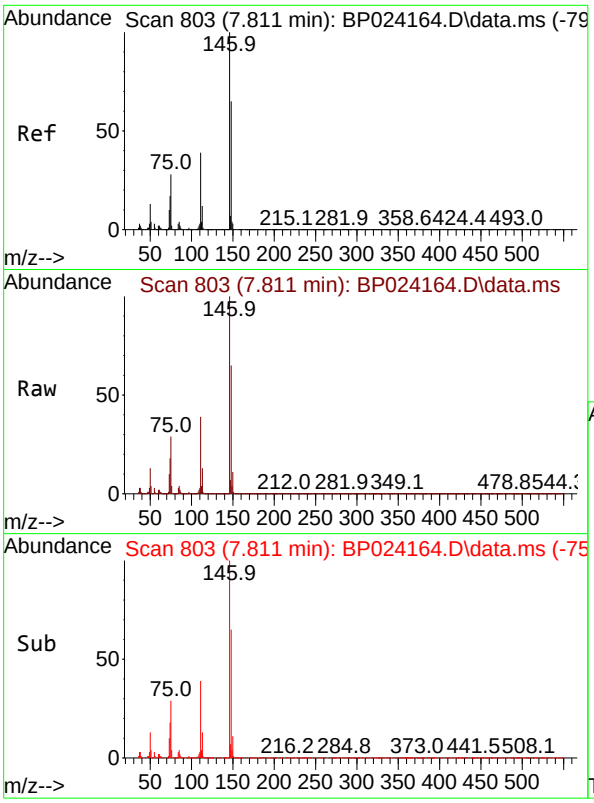


#12
1,3-Dichlorobenzene
Concen: 37.225 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:146 Resp: 1063428

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	28.5	22.8	34.2



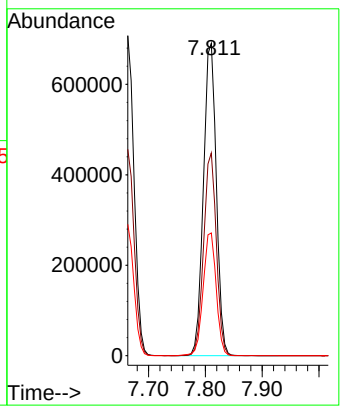


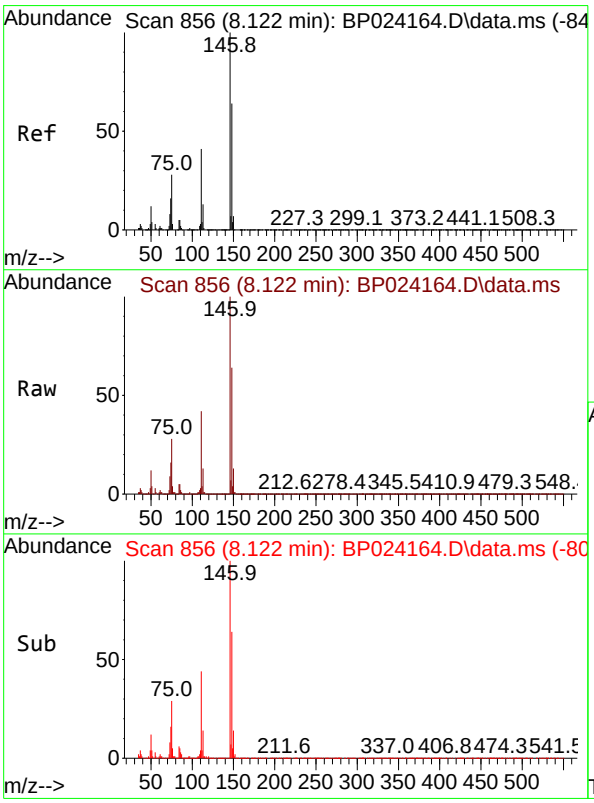
#13
1,4-Dichlorobenzene
Concen: 37.495 ng
RT: 7.811 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 1083221

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	39.3	31.4	47.2

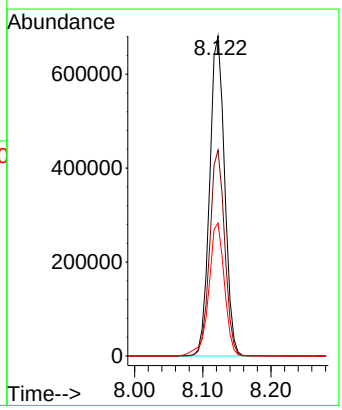


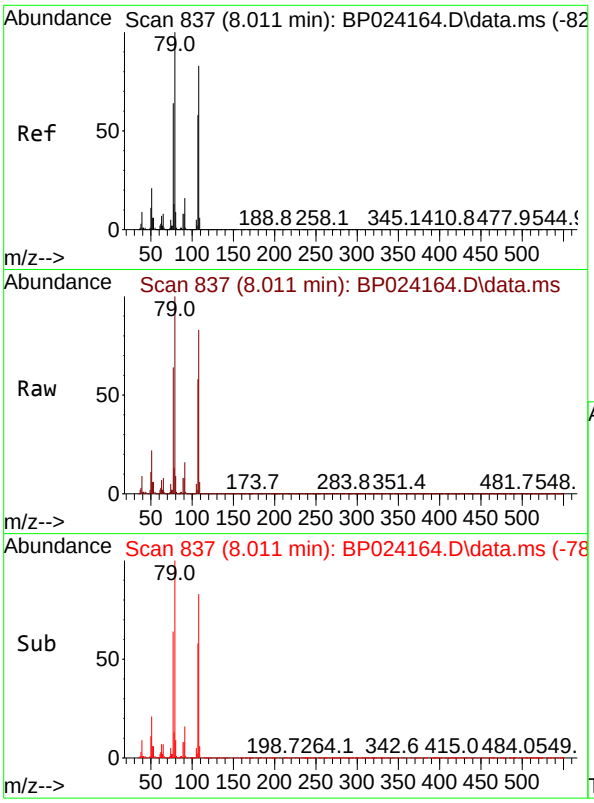


#14
1,2-Dichlorobenzene
Concen: 37.564 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:146 Resp: 1041511

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	41.5	33.2	49.8



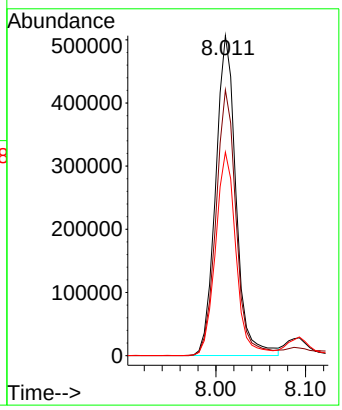


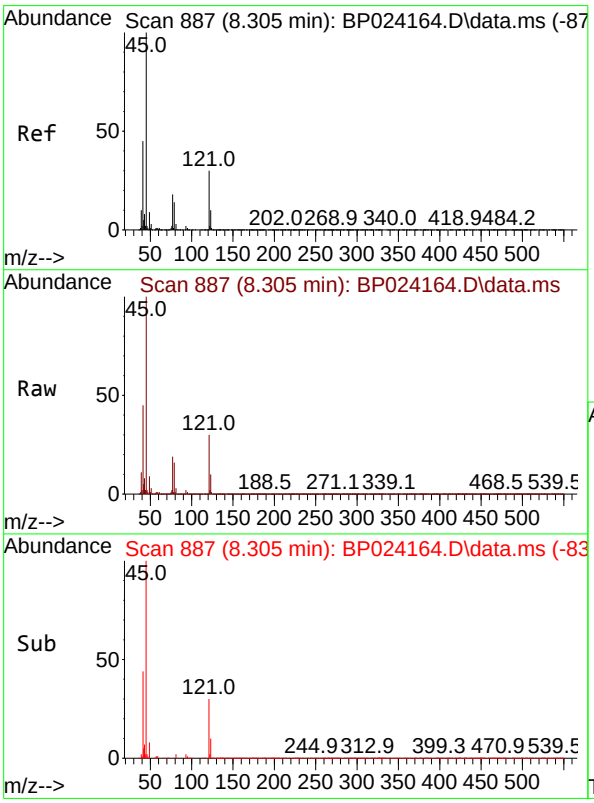
#15
Benzyl Alcohol
Concen: 41.320 ng
RT: 8.011 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 798656

Ion	Ratio	Lower	Upper
79	100		
108	83.1	66.5	99.7
77	63.6	50.9	76.3

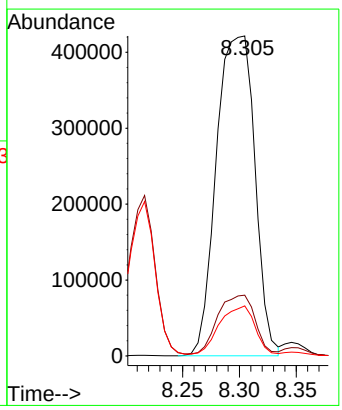


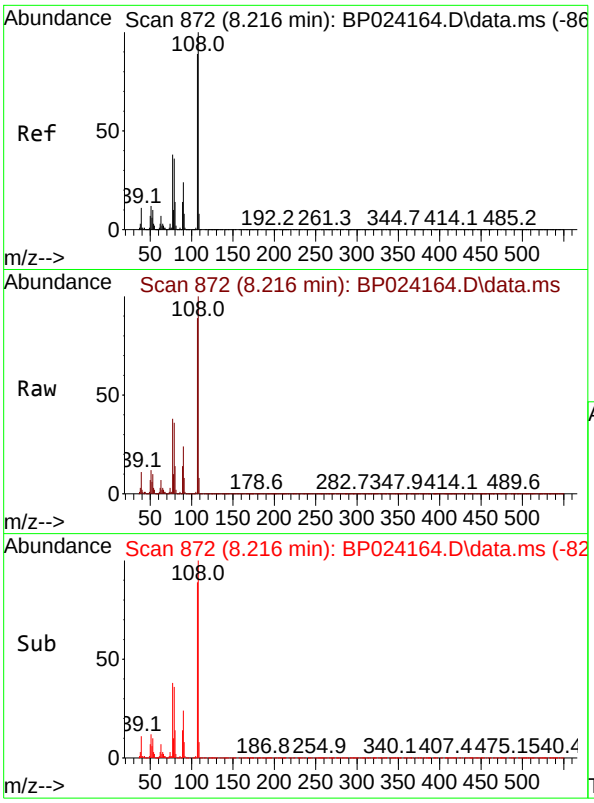


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.824 ng
RT: 8.305 min Scan# 887
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 45 Resp: 991099

Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	39.0
79	15.6	0.0	35.6



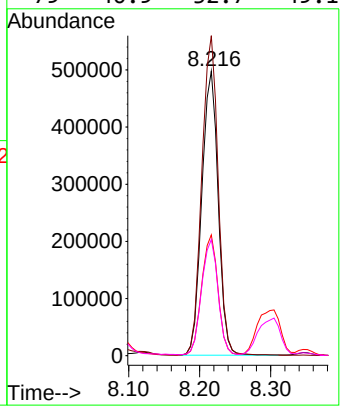


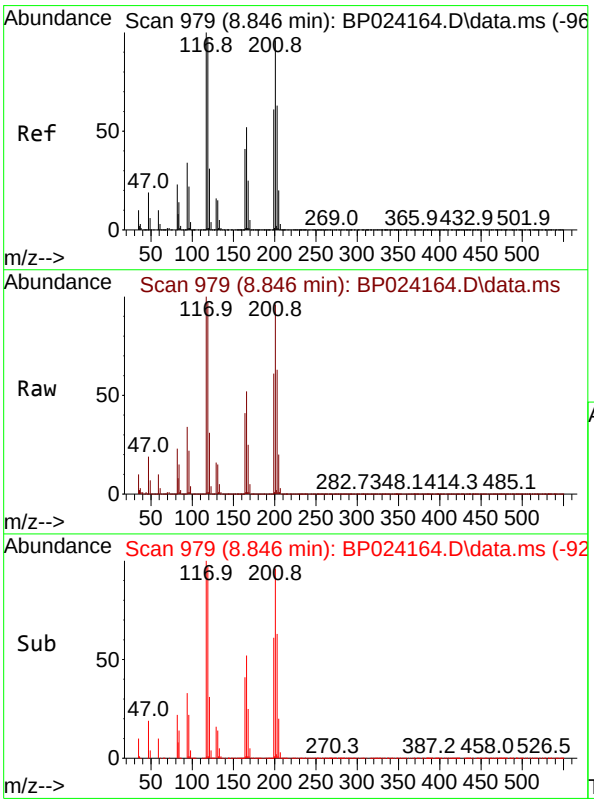
#17
2-Methylphenol
Concen: 41.136 ng
RT: 8.216 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 795971

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	42.5	34.0	51.0
79	40.9	32.7	49.1

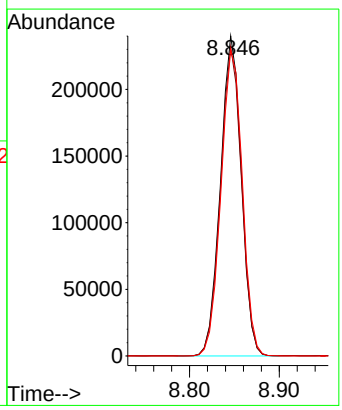


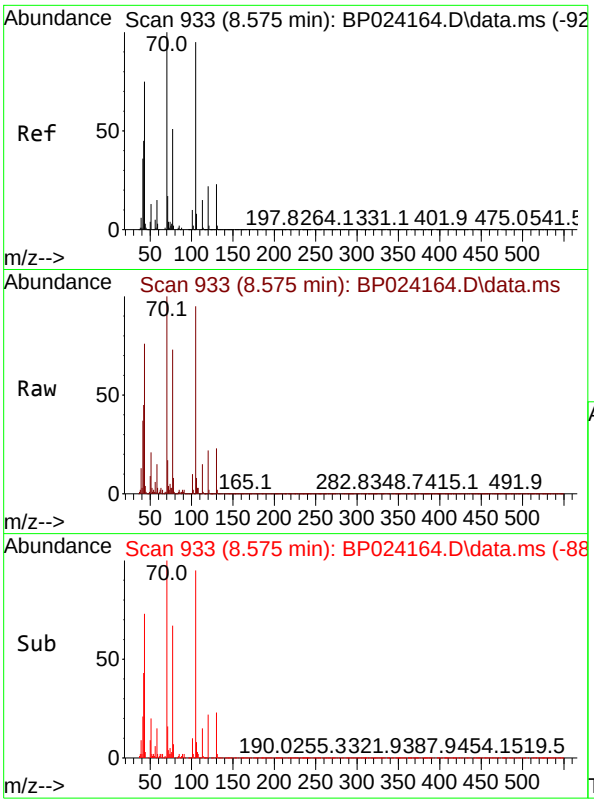


#18
Hexachloroethane
Concen: 37.399 ng
RT: 8.846 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:117 Resp: 389110

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	95.7	76.6	114.8



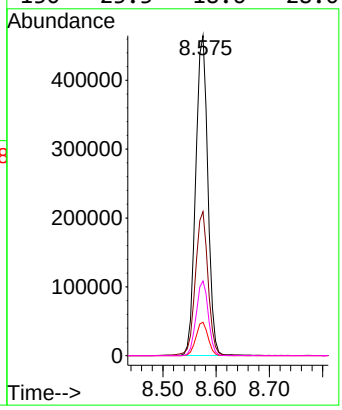


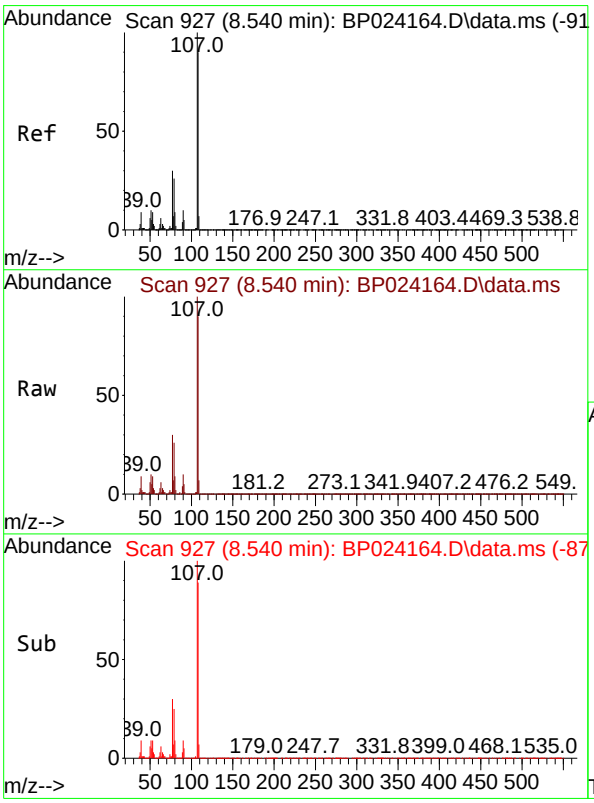
#19
n-Nitroso-di-n-propylamine
Concen: 43.423 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 737233

Ion	Ratio	Lower	Upper
70	100		
42	45.0	36.0	54.0
101	10.4	8.3	12.5
130	23.3	18.6	28.0

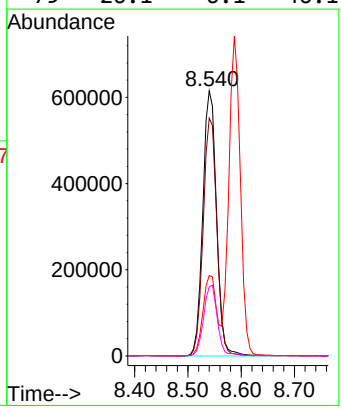


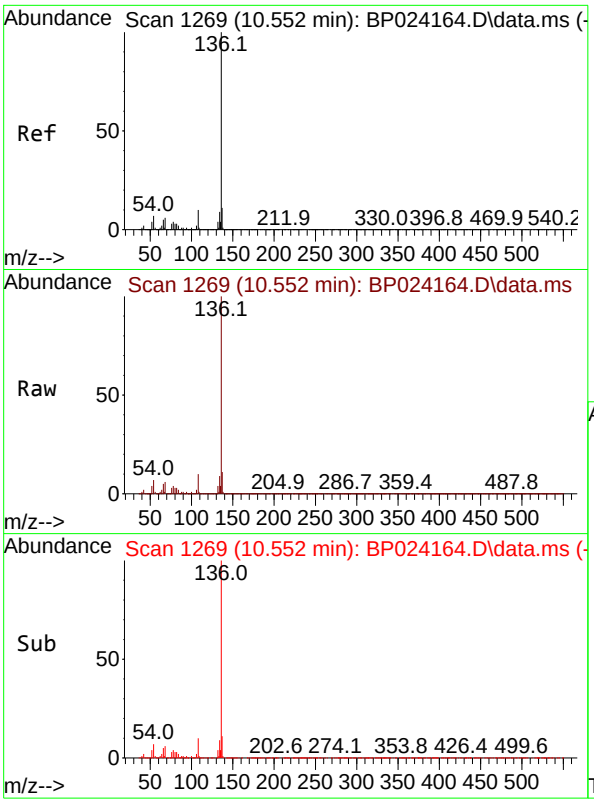


#20
3+4-Methylphenols
Concen: 41.727 ng
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:107 Resp: 1098375

Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.7	109.7
77	30.3	10.3	50.3
79	26.1	6.1	46.1



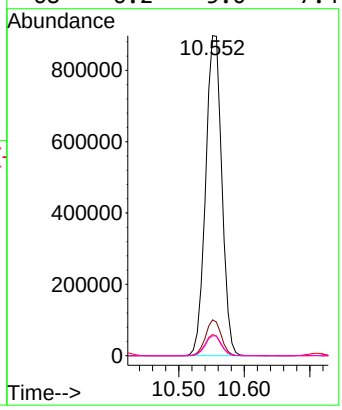


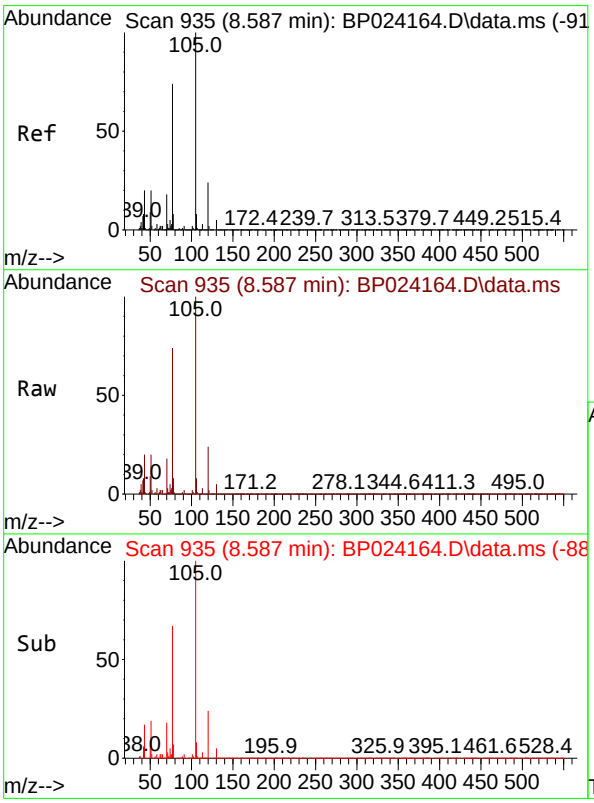
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1538579

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.6	5.3	7.9
68	6.2	5.0	7.4

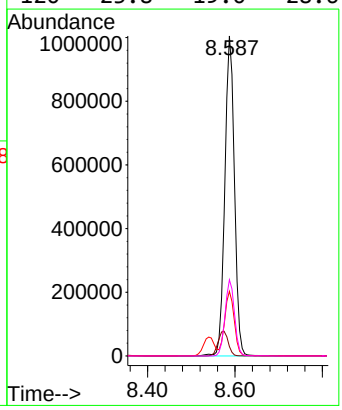


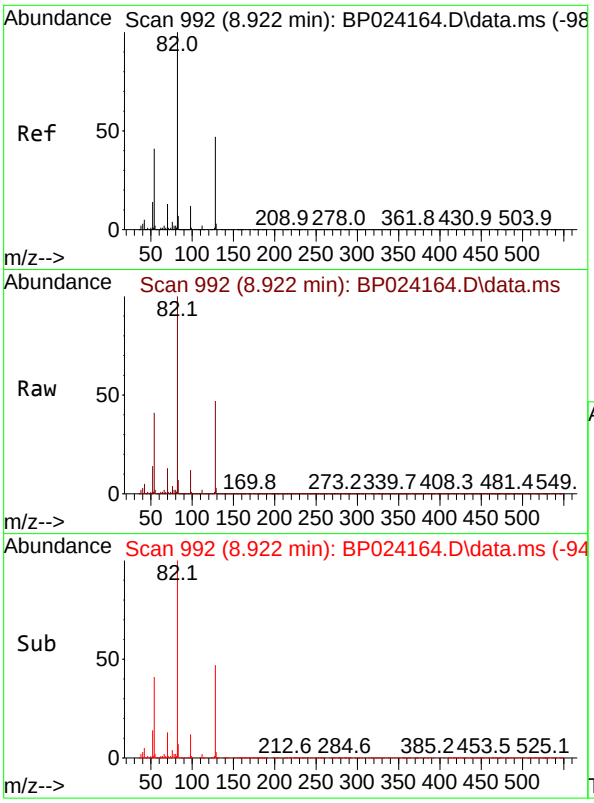


#22
Acetophenone
Concen: 38.574 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:105 Resp: 1525122

Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.4	3.6
51	20.2	16.2	24.2
120	23.8	19.0	28.6



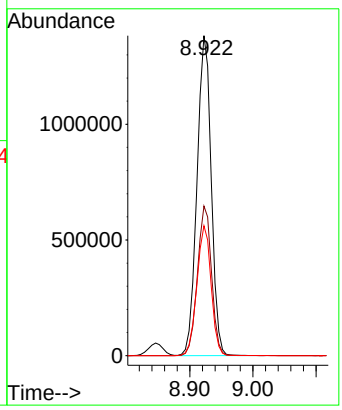


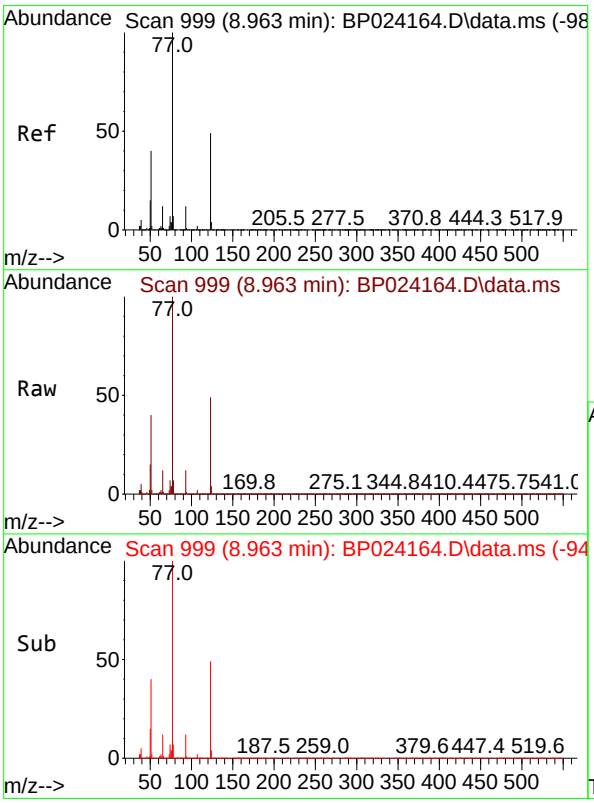
#23
Nitrobenzene-d5
Concen: 78.240 ng
RT: 8.922 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 2157744

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.0
54	40.6	32.5	48.7

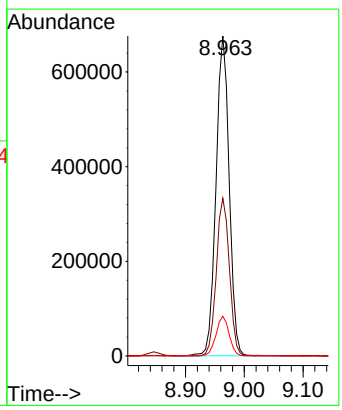


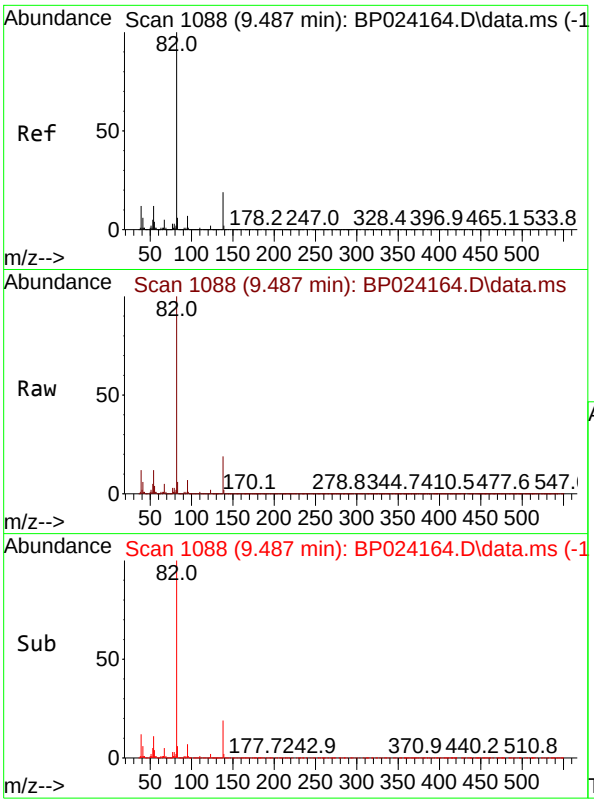


#24
Nitrobenzene
Concen: 38.662 ng
RT: 8.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 77 Resp: 1049347

Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.4	59.2
65	12.4	9.9	14.9



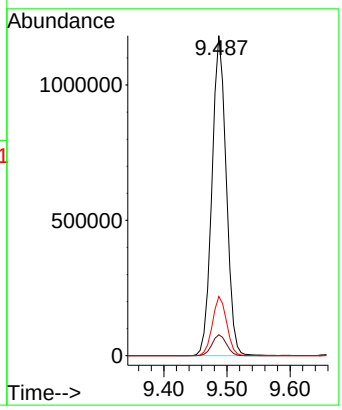


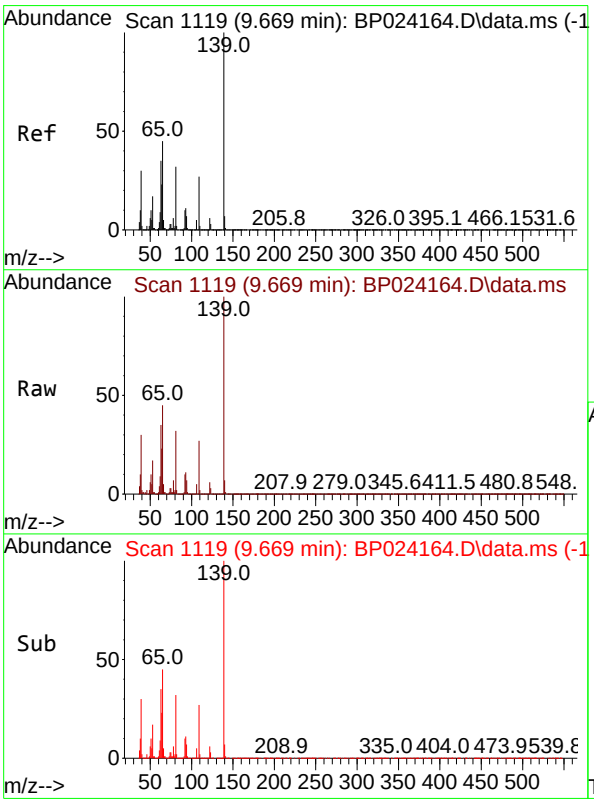
#25
Isophorone
Concen: 41.100 ng
RT: 9.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1853580

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.5	14.8	22.2

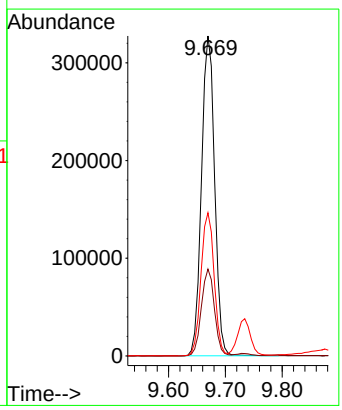


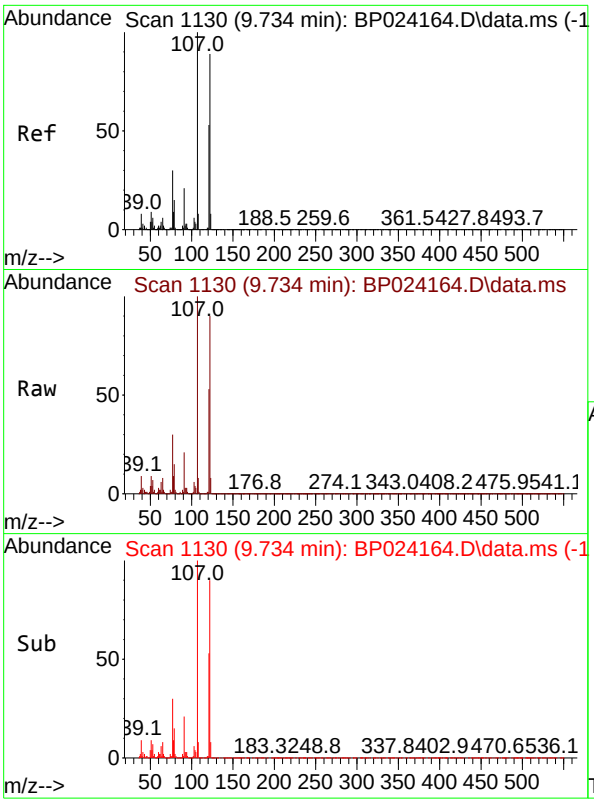


#26
2-Nitrophenol
Concen: 42.034 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:139 Resp: 525614

Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.7	32.5
65	44.8	35.8	53.8



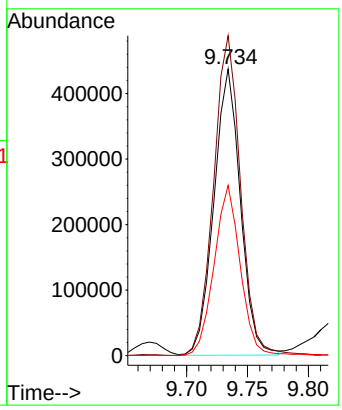


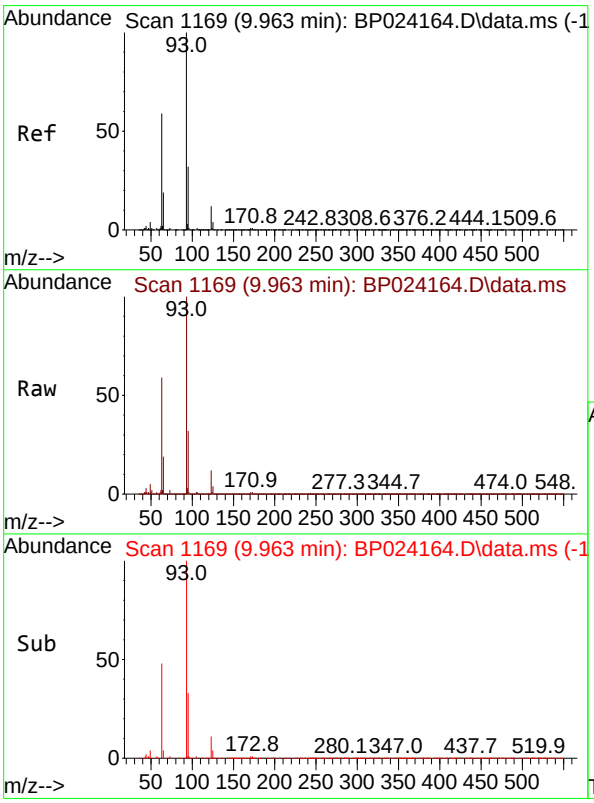
#27
2,4-Dimethylphenol
Concen: 40.316 ng
RT: 9.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 661755

Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.3	133.9
121	59.4	47.5	71.3

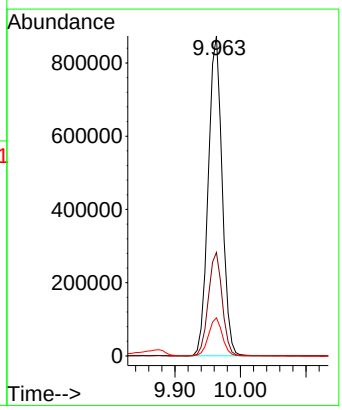


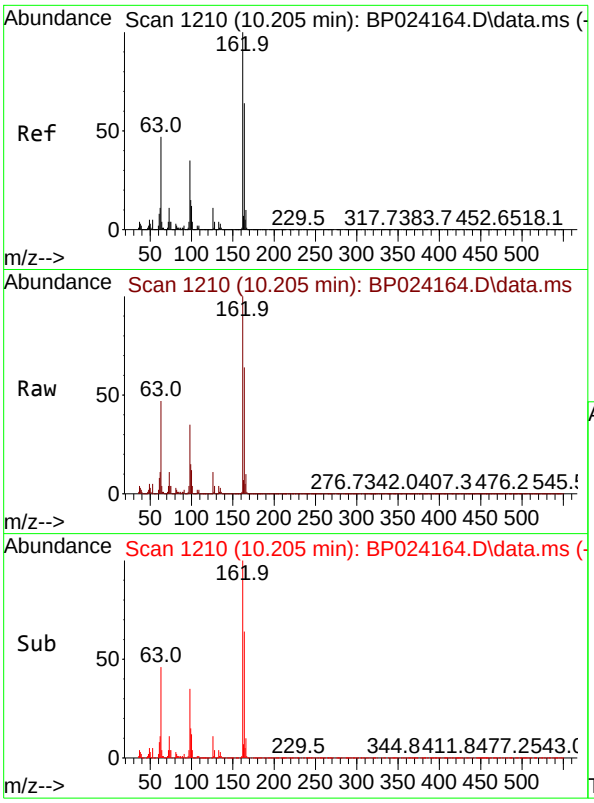


#28
bis(2-Chloroethoxy)methane
Concen: 39.353 ng
RT: 9.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 93 Resp: 1285698

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.9	9.5	14.3



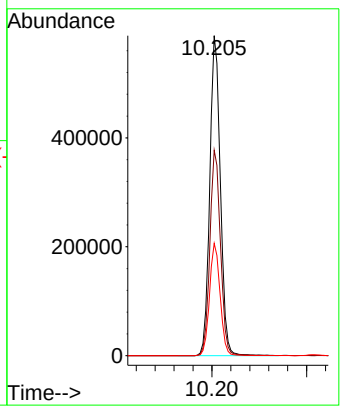


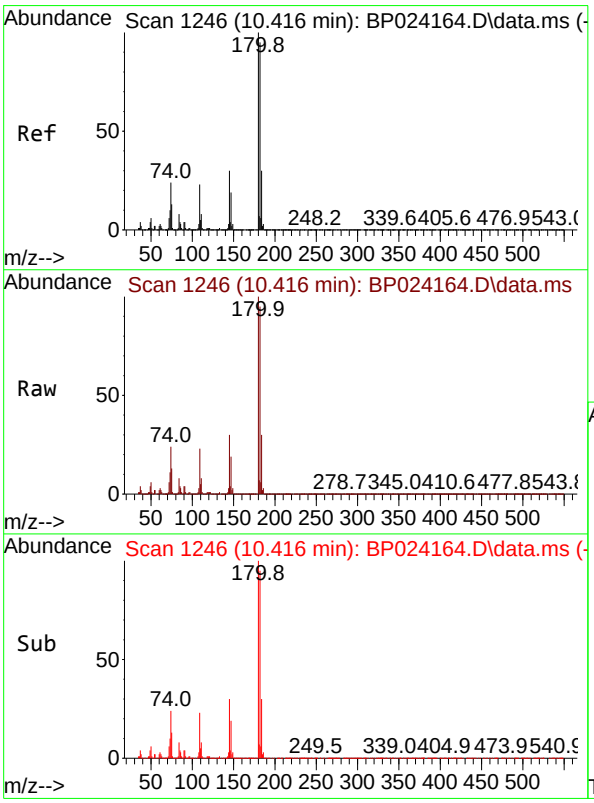
#29
2,4-Dichlorophenol
Concen: 40.720 ng
RT: 10.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 912137

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	35.1	15.1	55.1

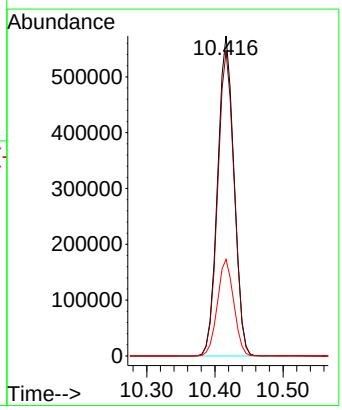


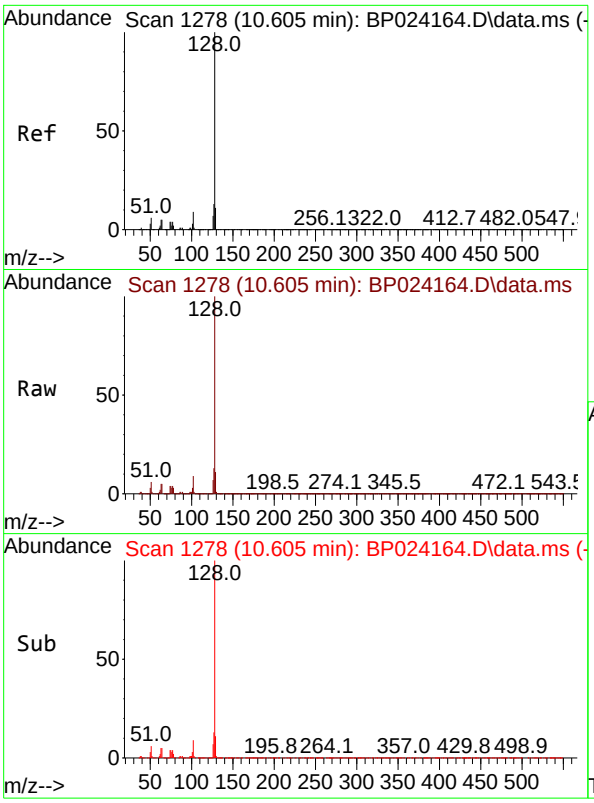


#30
1,2,4-Trichlorobenzene
Concen: 37.439 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:180 Resp: 960872

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	30.2	24.2	36.2



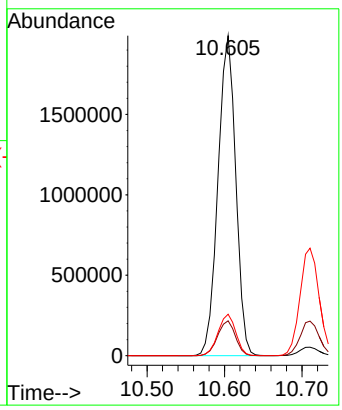


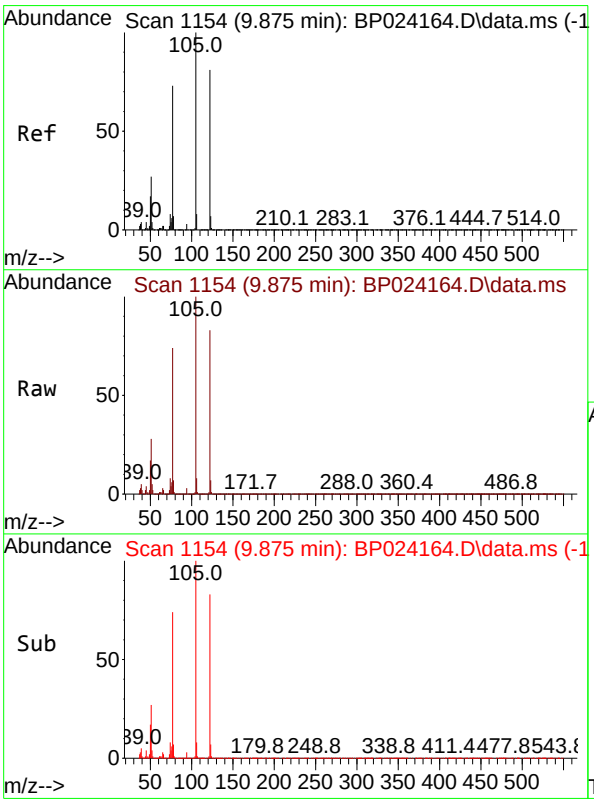
#31
Naphthalene
Concen: 38.287 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 3167478

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.4	15.6

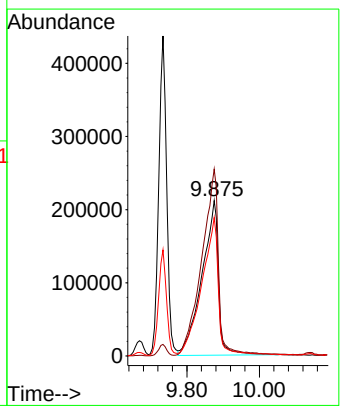


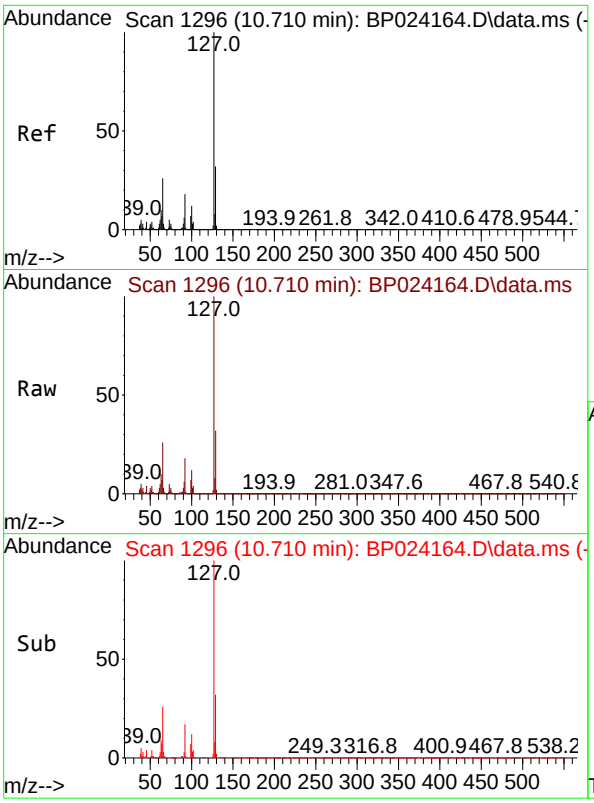


#32
Benzoic acid
Concen: 44.564 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:122 Resp: 670600

Ion	Ratio	Lower	Upper
122	100		
105	120.3	100.3	140.3
77	89.1	69.1	109.1



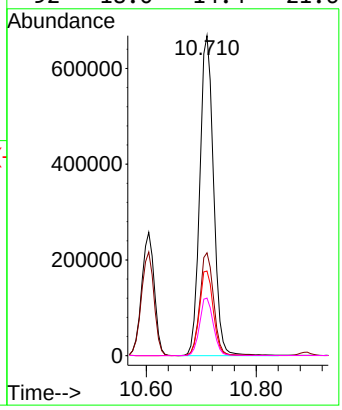


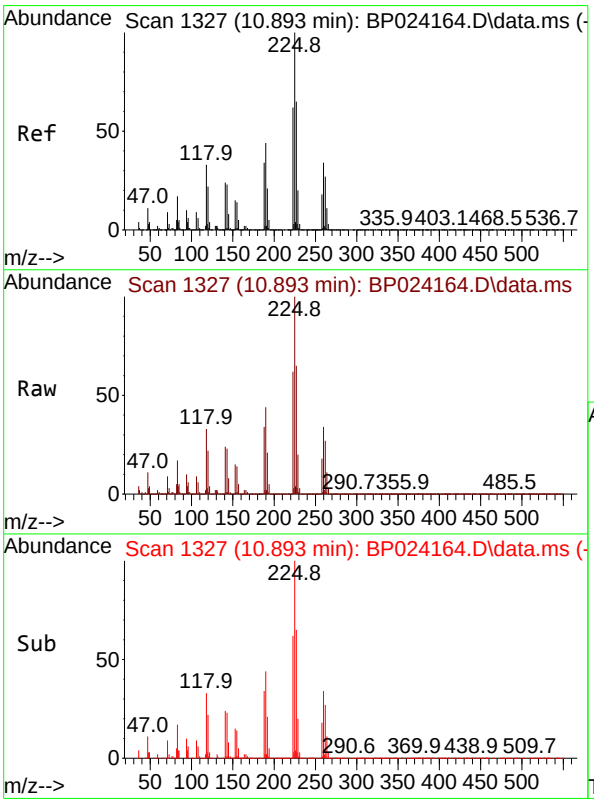
#33
4-Chloroaniline
Concen: 39.789 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 1159633

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	26.5	21.2	31.8
92	18.0	14.4	21.6

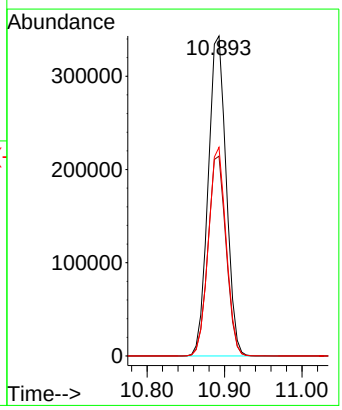


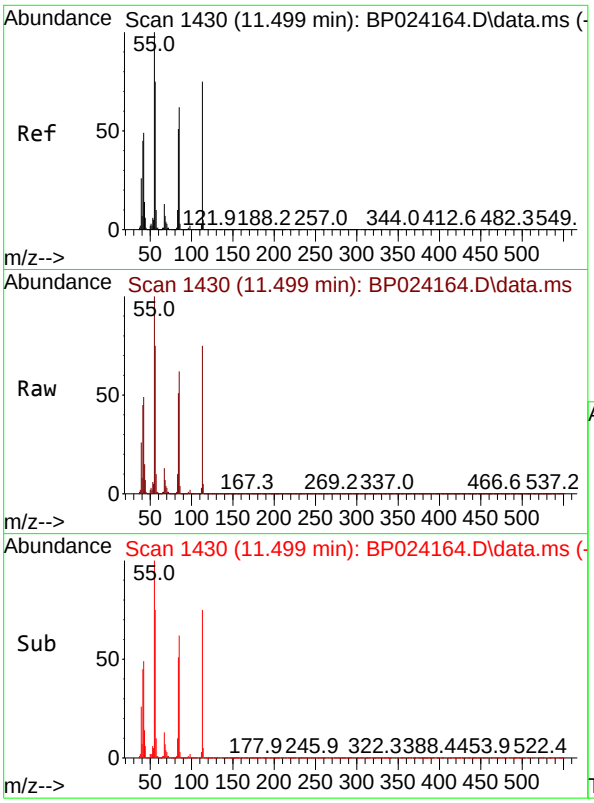


#34
Hexachlorobutadiene
Concen: 37.241 ng
RT: 10.893 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:225 Resp: 553609

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	65.2	52.2	78.2



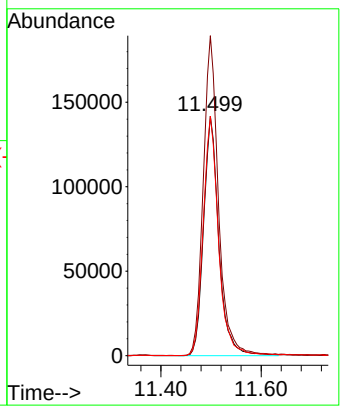


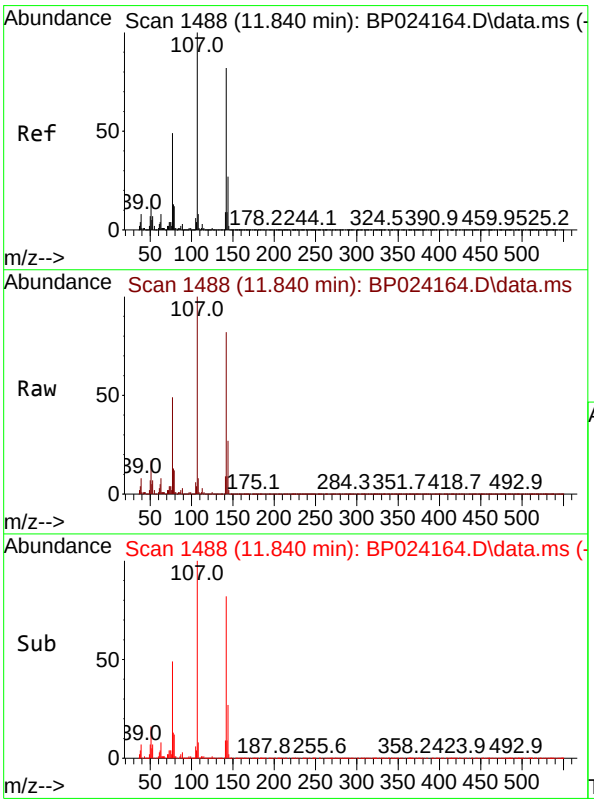
#35
Caprolactam
Concen: 44.083 ng
RT: 11.499 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 299017

Ion	Ratio	Lower	Upper
113	100		
55	133.6	113.6	153.6
56	100.0	80.0	120.0

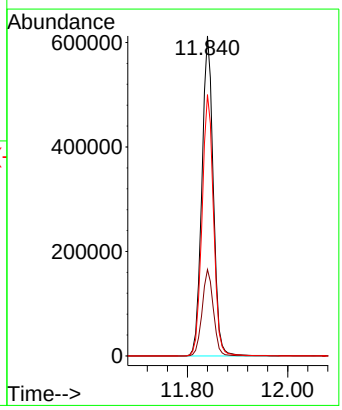


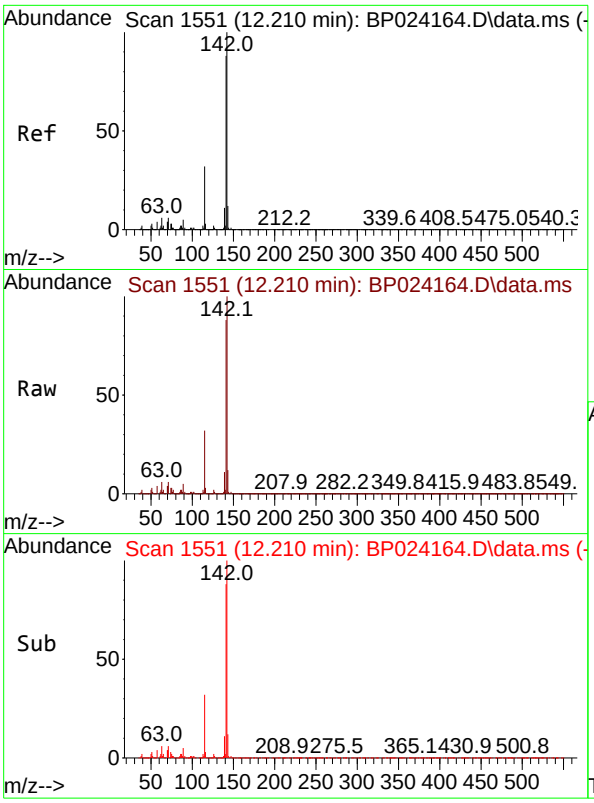


#36
4-Chloro-3-methylphenol
Concen: 41.977 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:107 Resp: 966642

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.6	32.4
142	81.7	65.4	98.0



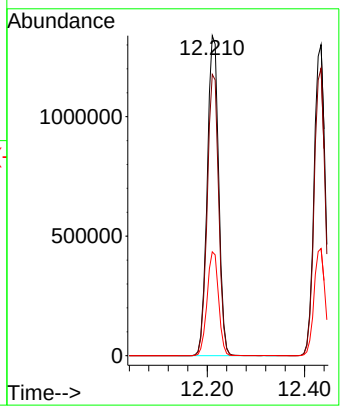


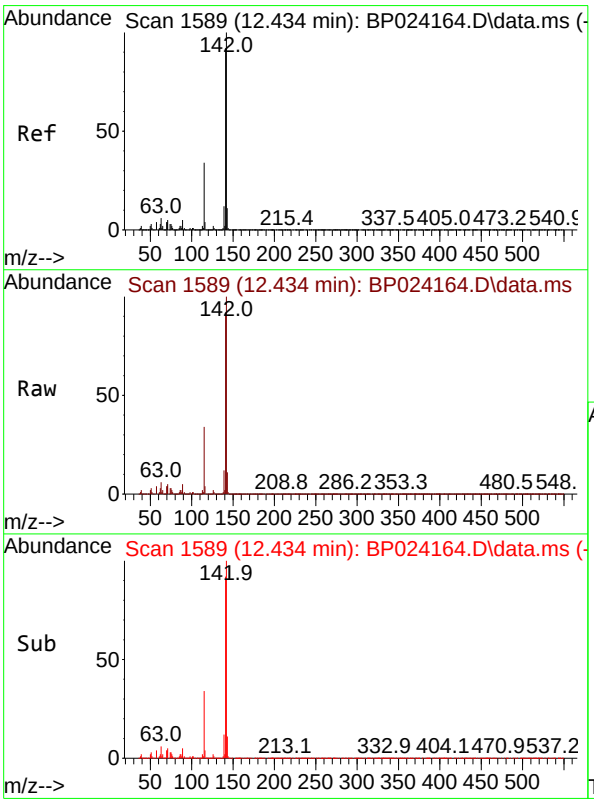
#37
2-Methylnaphthalene
Concen: 39.419 ng
RT: 12.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 2167502

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	32.5	26.0	39.0

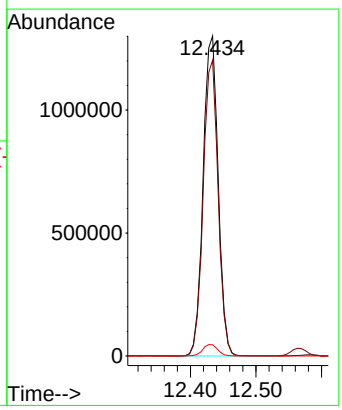


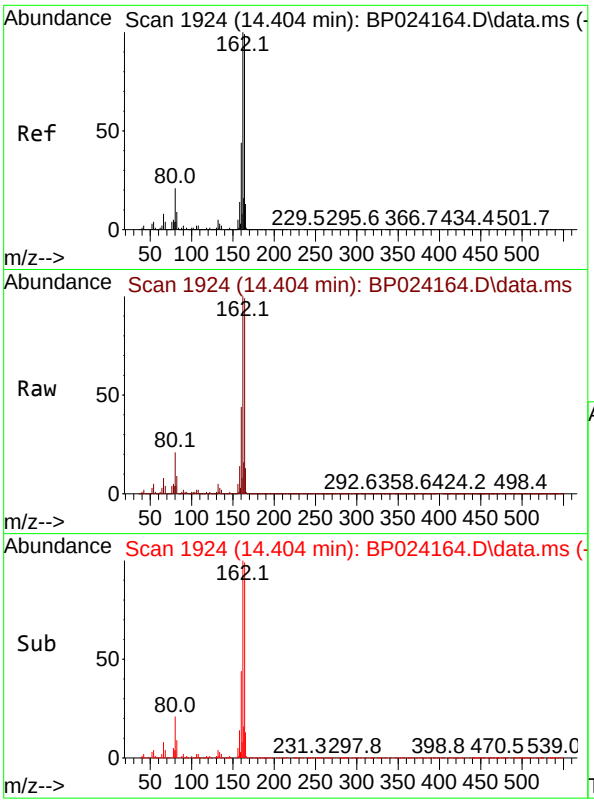


#38
1-Methylnaphthalene
Concen: 38.734 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:142 Resp: 2071946

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	3.5	2.8	4.2



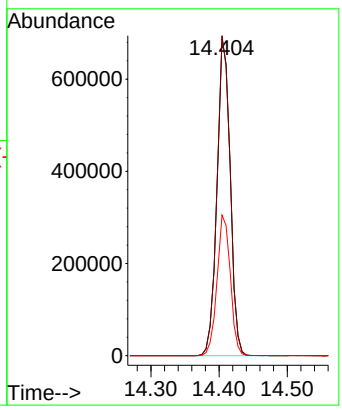


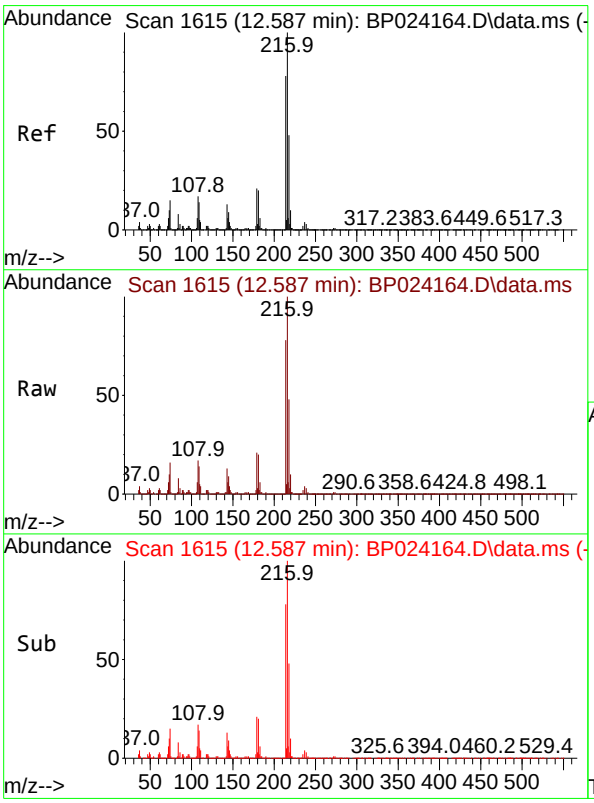
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 930584

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	44.3	35.4	53.2

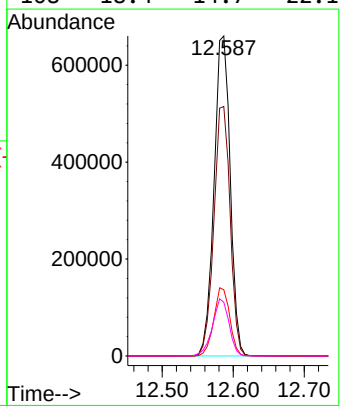


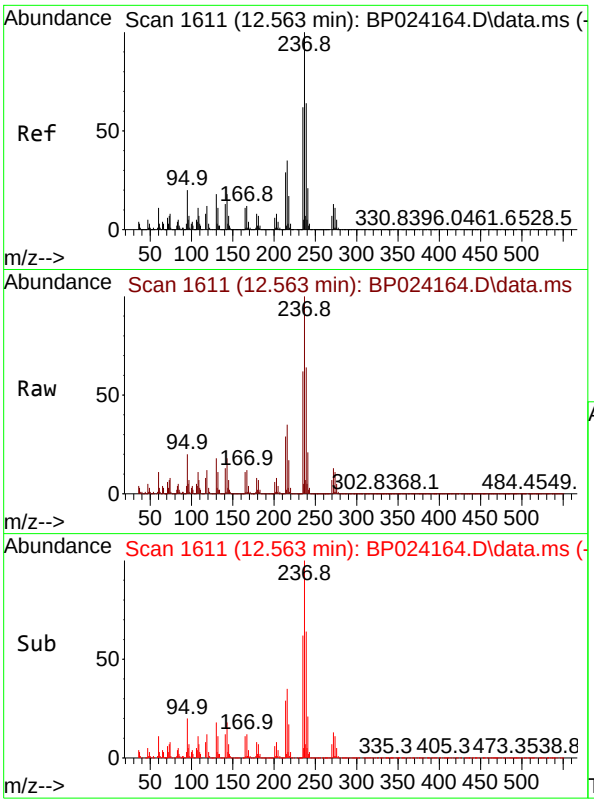


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.348 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:216 Resp: 1039275

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	21.0	16.8	25.2
108	18.4	14.7	22.1



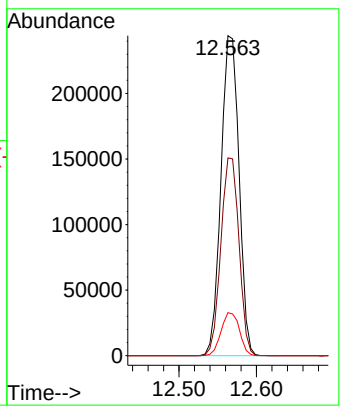


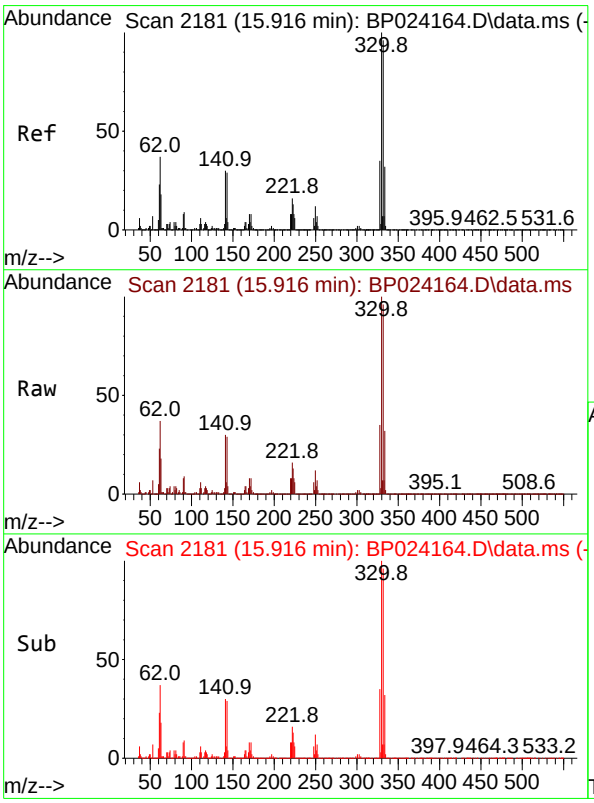
#41
Hexachlorocyclopentadiene
Concen: 37.139 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 395145

Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.8	81.8
272	13.5	0.0	33.5

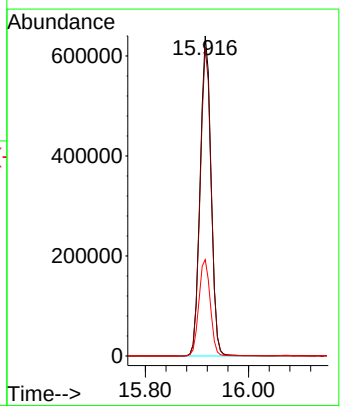


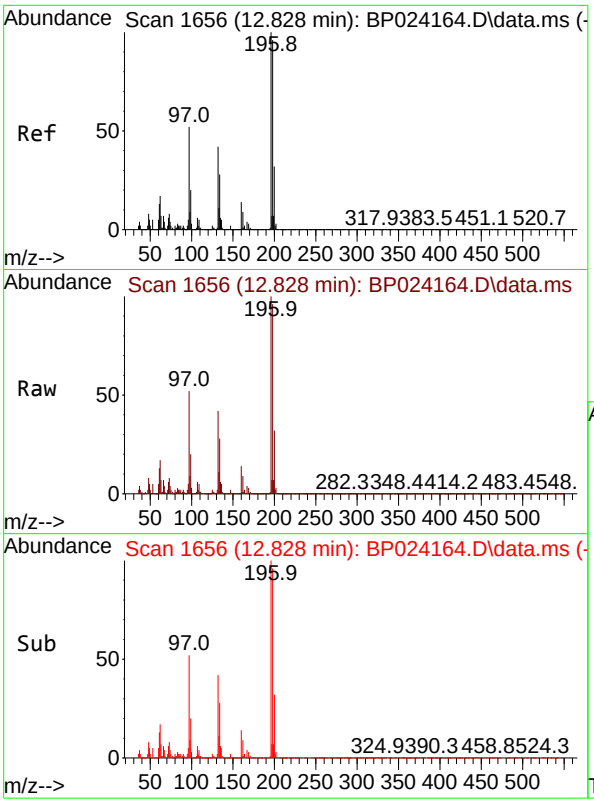


#42
2,4,6-Tribromophenol
Concen: 82.309 ng
RT: 15.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:330 Resp: 938209

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	31.3	25.0	37.6



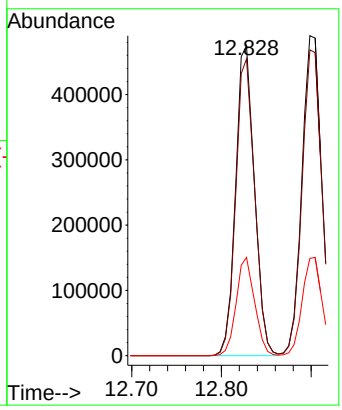


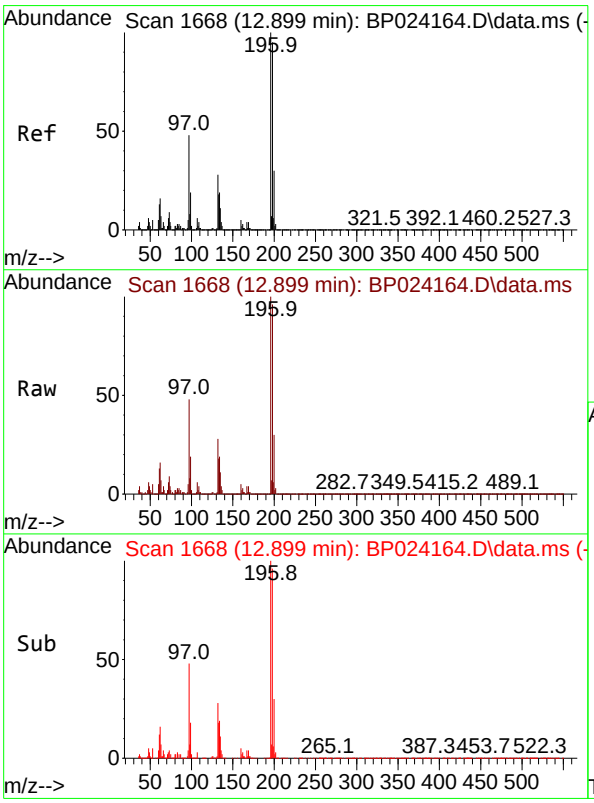
#43
2,4,6-Trichlorophenol
Concen: 39.731 ng
RT: 12.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 692810

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
200	31.7	25.4	38.0

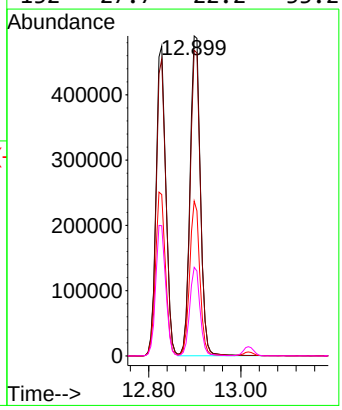


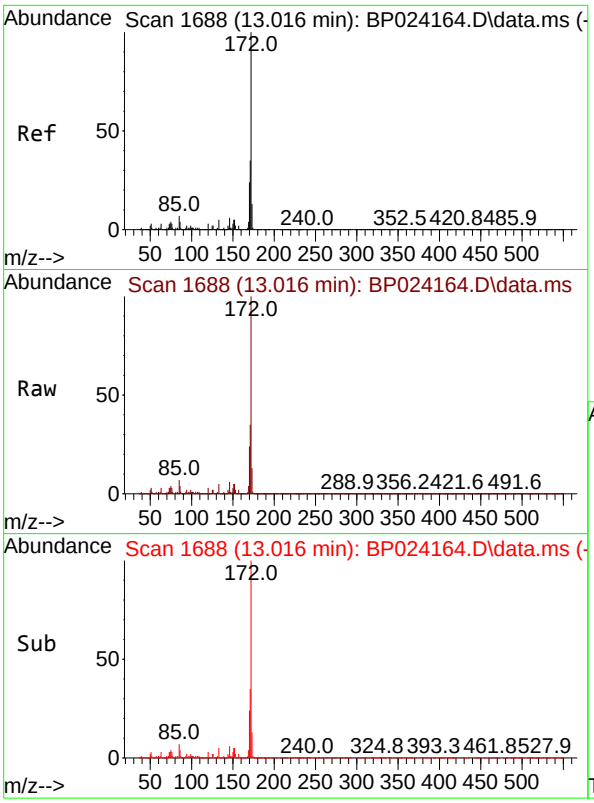


#44
2,4,5-Trichlorophenol
Concen: 39.872 ng
RT: 12.899 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:196 Resp: 760360

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.5	114.7
97	48.4	38.7	58.1
132	27.7	22.2	33.2



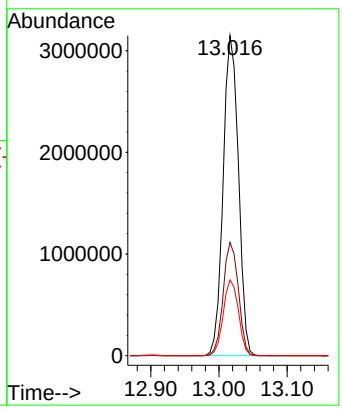


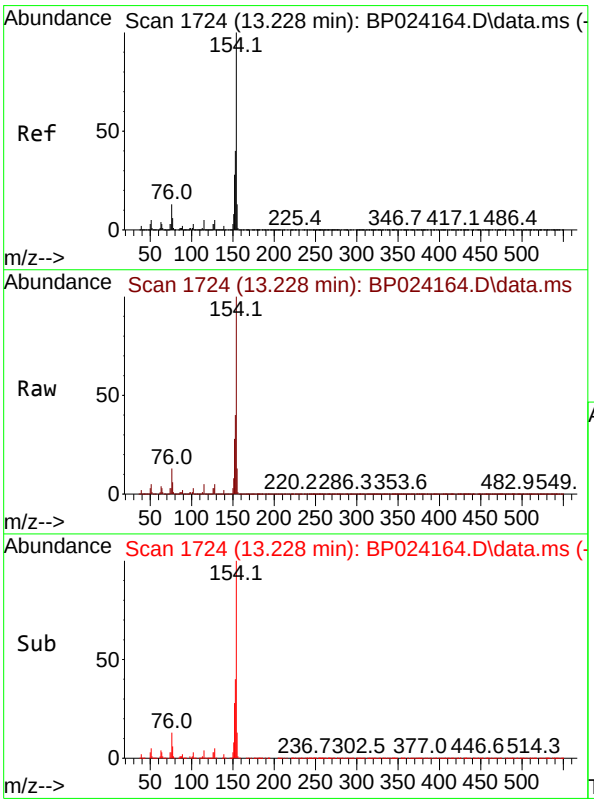
#45
2-Fluorobiphenyl
Concen: 73.785 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 4911554

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.7	19.0	28.4

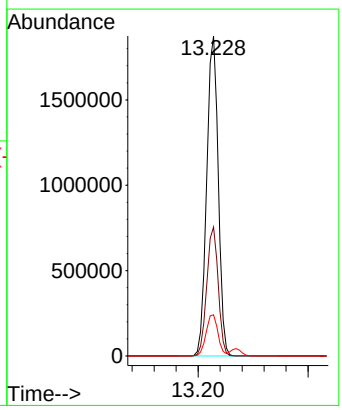


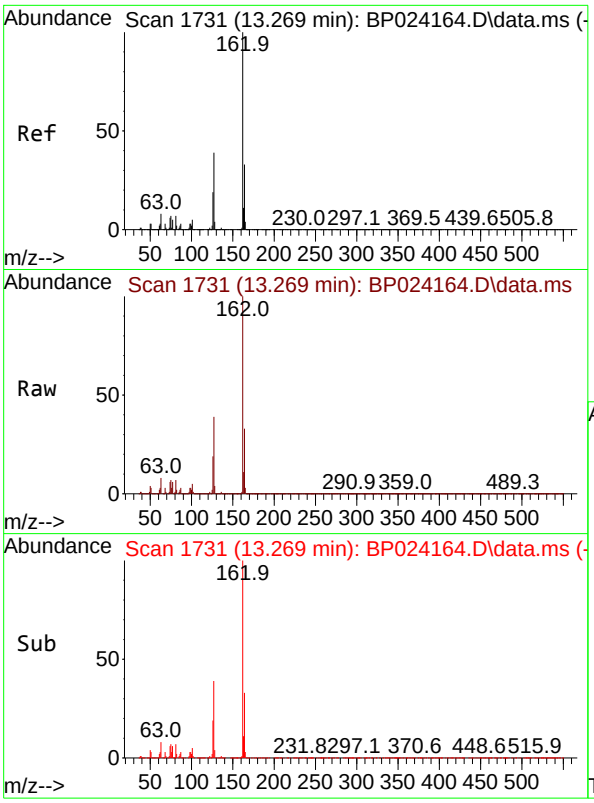


#46
1,1'-Biphenyl
Concen: 37.621 ng
RT: 13.228 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:154 Resp: 2720465

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	12.9	0.0	32.9



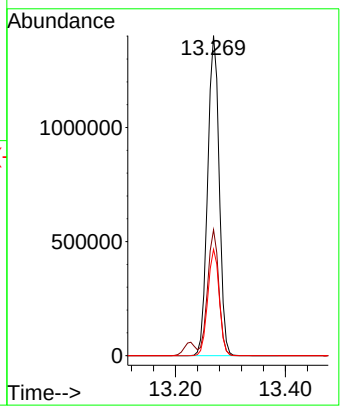


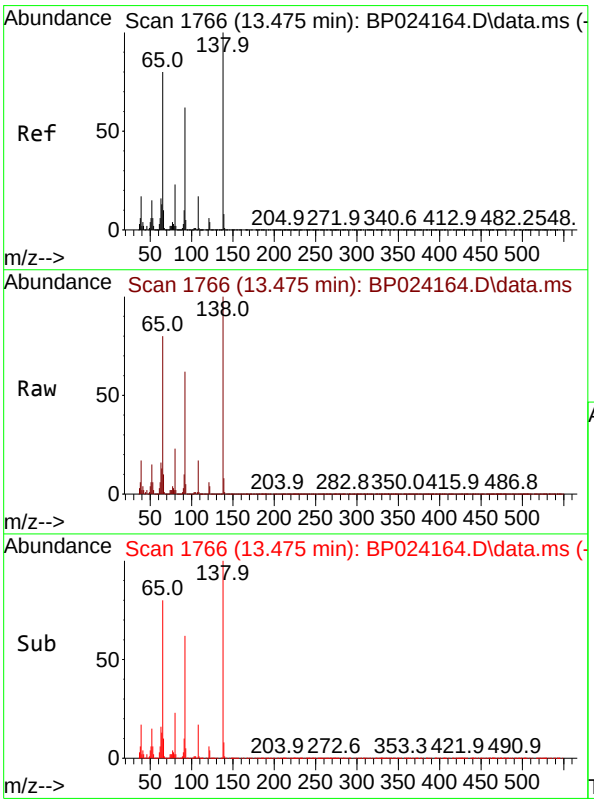
#47
2-Chloronaphthalene
Concen: 37.269 ng
RT: 13.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 2037284

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.5	47.3
164	33.2	26.6	39.8

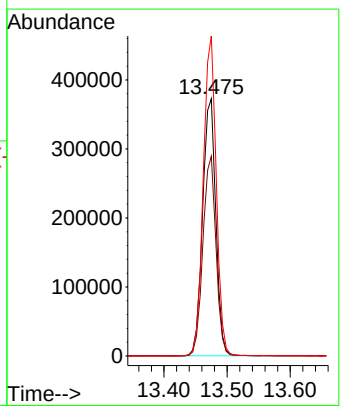


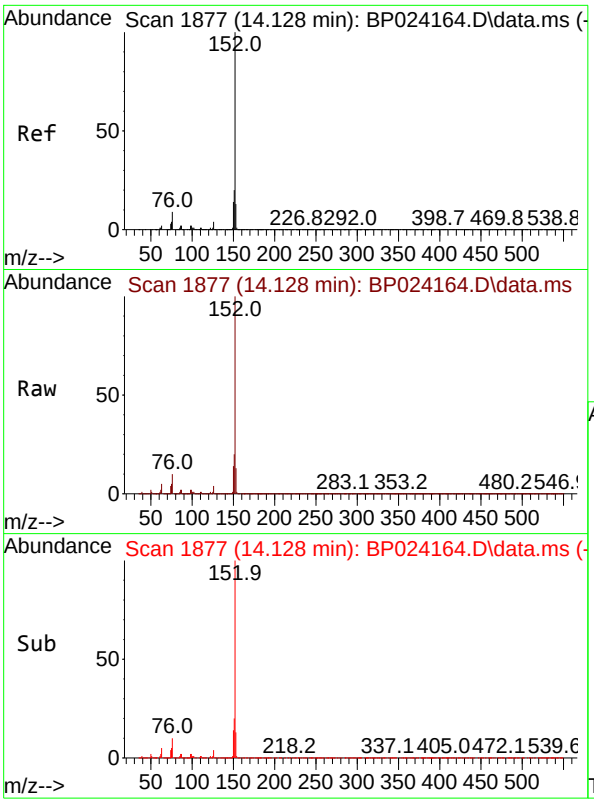


#48
2-Nitroaniline
Concen: 42.085 ng
RT: 13.475 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 65 Resp: 543429

Ion	Ratio	Lower	Upper
65	100		
92	77.6	62.1	93.1
138	124.4	99.5	149.3



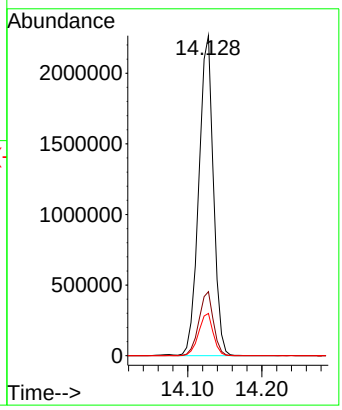


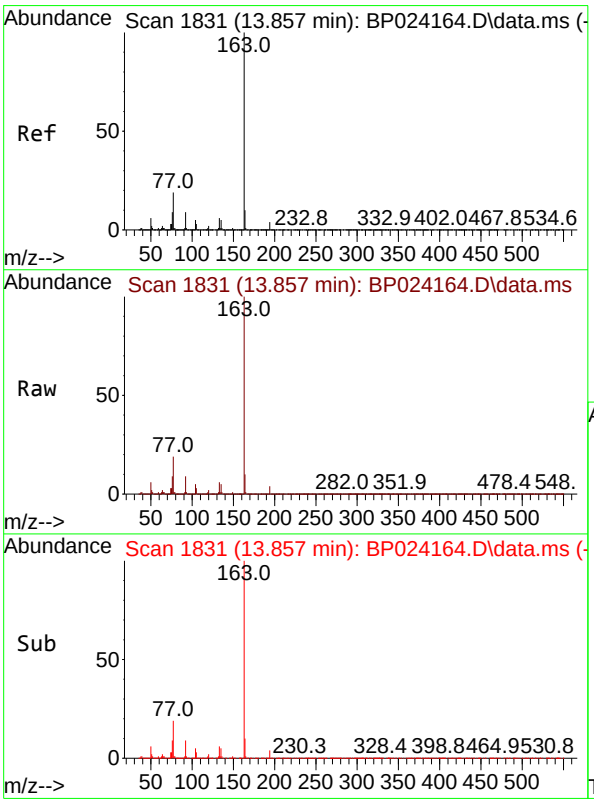
#49
Acenaphthylene
Concen: 38.389 ng
RT: 14.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 3091813

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.6	15.8

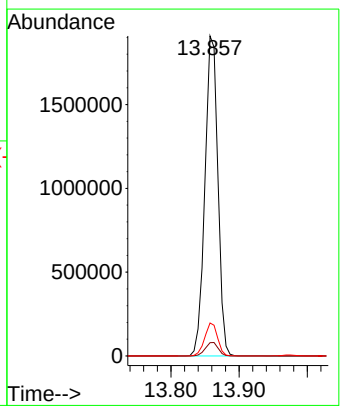


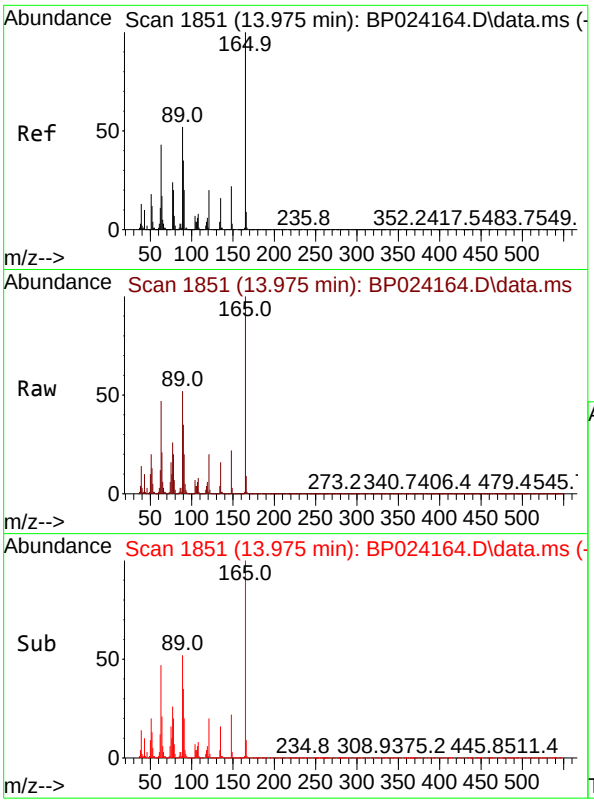


#50
Dimethylphthalate
Concen: 38.493 ng
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:163 Resp: 2526732

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.2	12.4



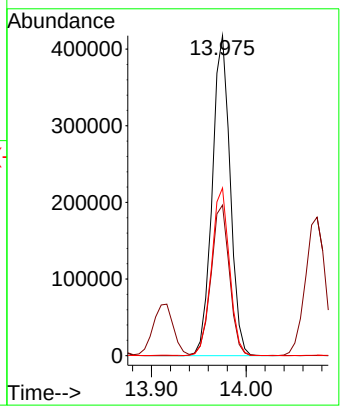


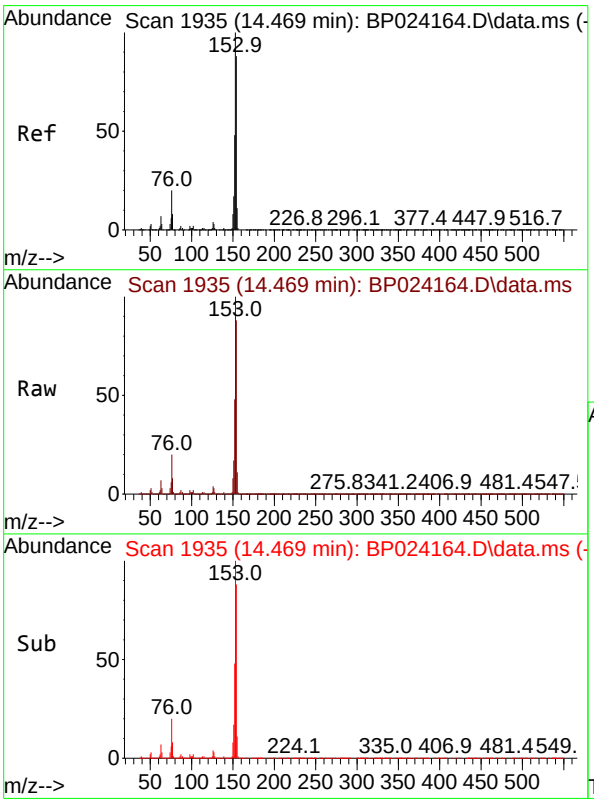
#51
2,6-Dinitrotoluene
Concen: 40.901 ng
RT: 13.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 546912

Ion	Ratio	Lower	Upper
165	100		
63	47.1	37.7	56.5
89	52.4	41.9	62.9

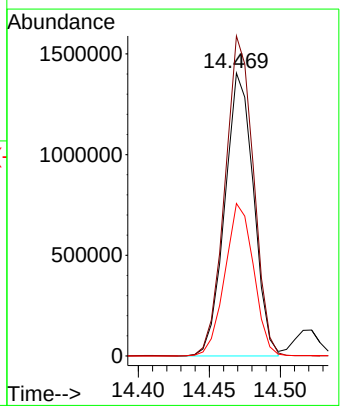


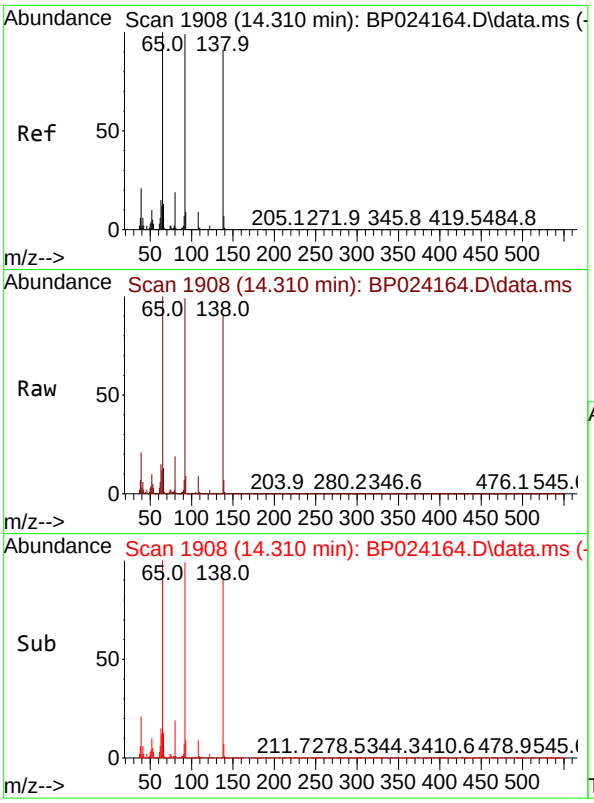


#52
Acenaphthene
Concen: 38.061 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:154 Resp: 1973969

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	53.9	43.1	64.7



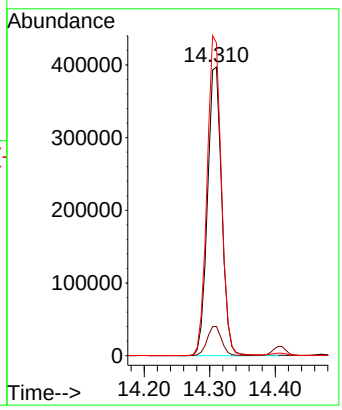


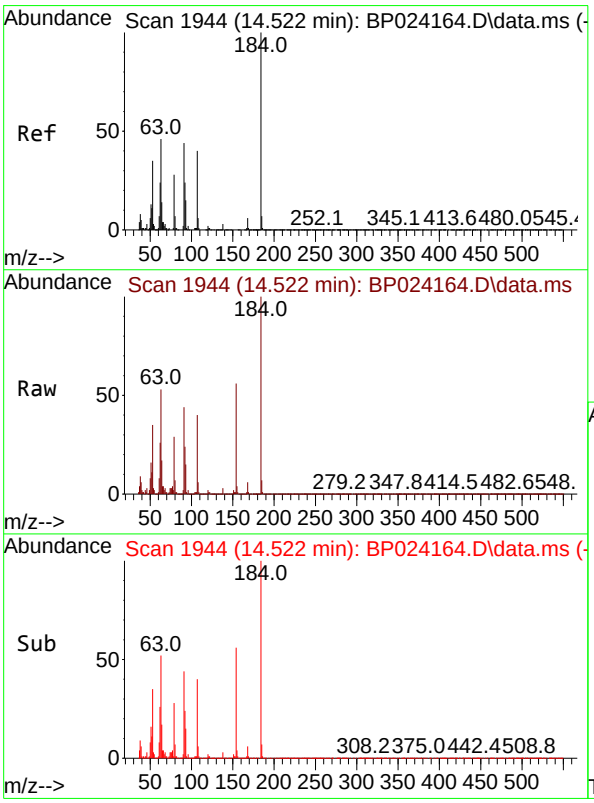
#53
3-Nitroaniline
Concen: 42.038 ng
RT: 14.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 599822

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.2
92	108.4	86.7	130.1

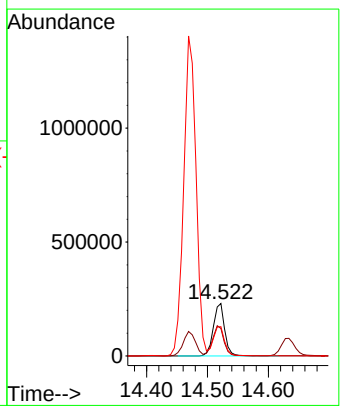


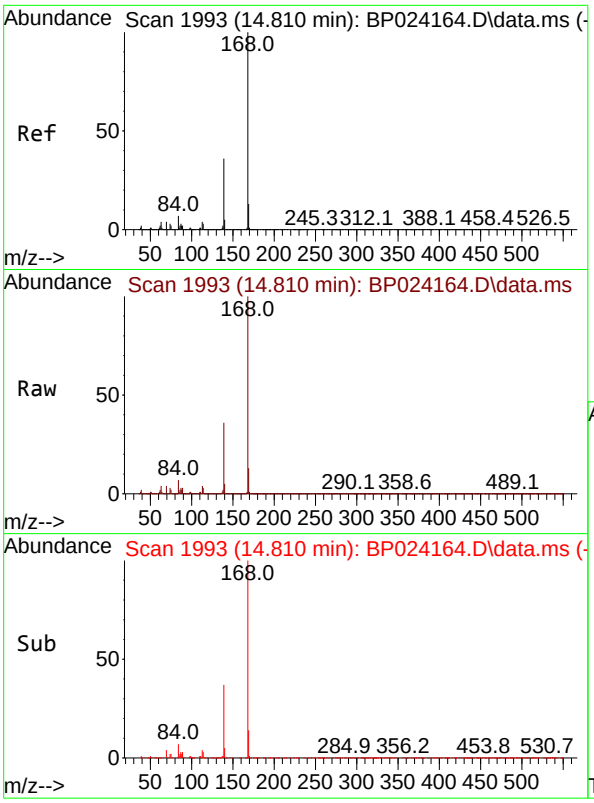


#54
2,4-Dinitrophenol
Concen: 41.760 ng
RT: 14.522 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:184 Resp: 297379

Ion	Ratio	Lower	Upper
184	100		
63	52.6	42.1	63.1
154	55.8	44.6	67.0



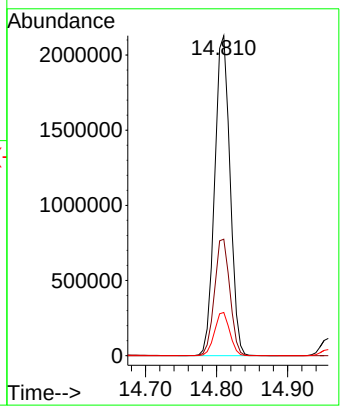


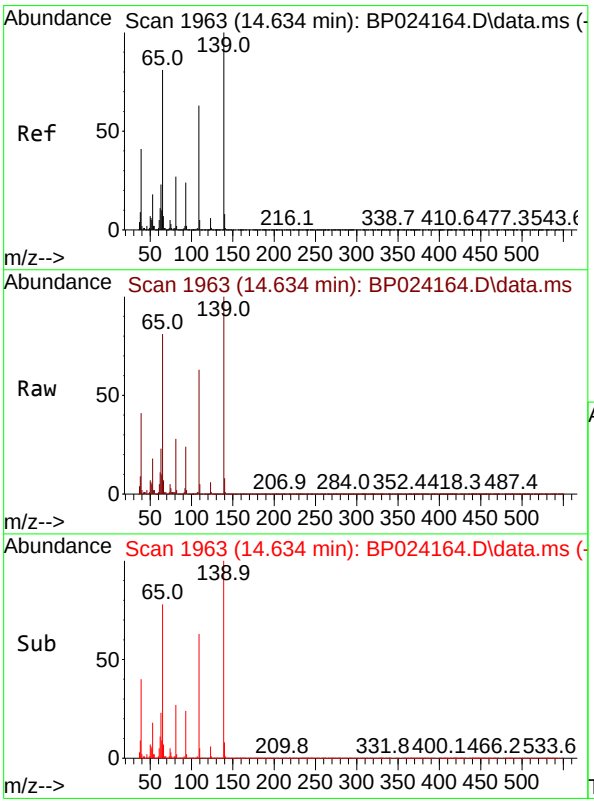
#55
Dibenzofuran
Concen: 37.802 ng
RT: 14.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 3184940

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.1	43.7
169	13.5	10.8	16.2

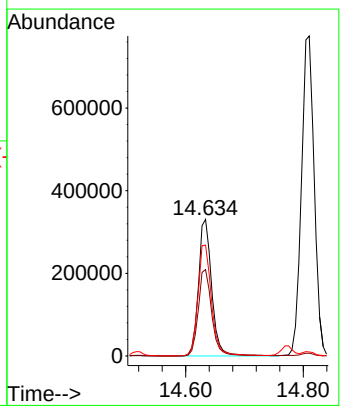


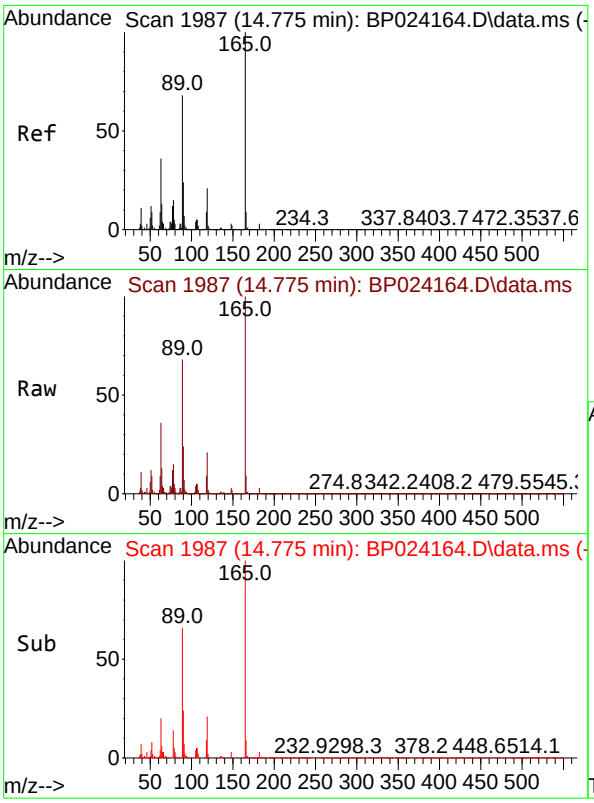


#56
4-Nitrophenol
Concen: 41.811 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:139 Resp: 515335

Ion	Ratio	Lower	Upper
139	100		
109	63.3	43.3	83.3
65	81.2	61.2	101.2



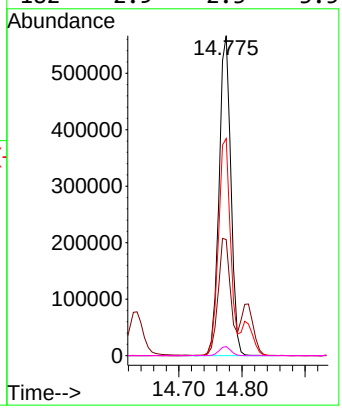


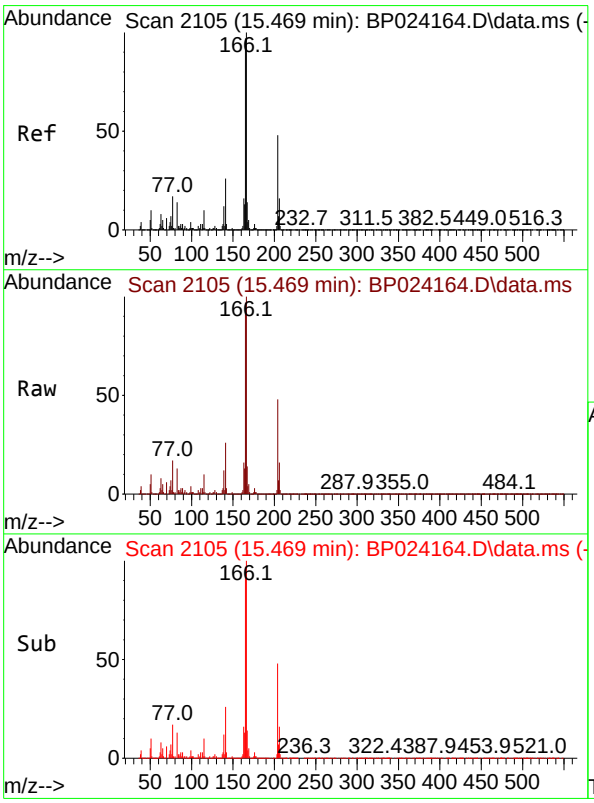
#57
2,4-Dinitrotoluene
Concen: 42.180 ng
RT: 14.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 732669

Ion	Ratio	Lower	Upper
165	100		
63	36.3	29.0	43.6
89	67.8	54.2	81.4
182	2.9	2.3	3.5

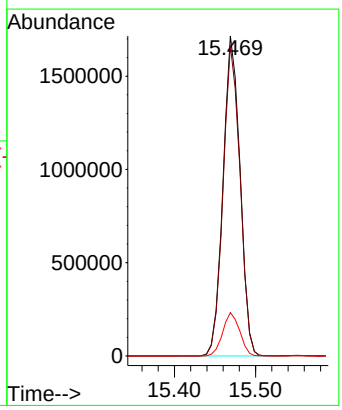


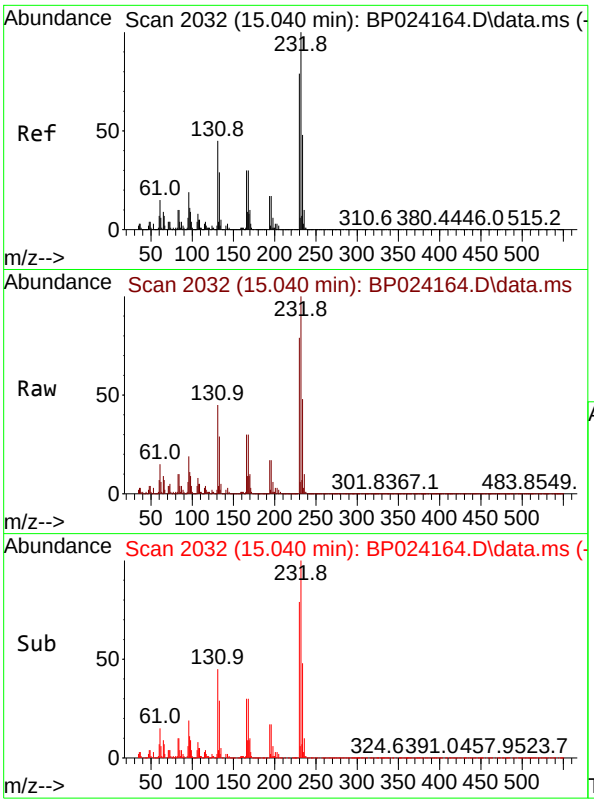


#58
Fluorene
Concen: 38.039 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:166 Resp: 2502924

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.6	116.4
167	13.5	10.8	16.2



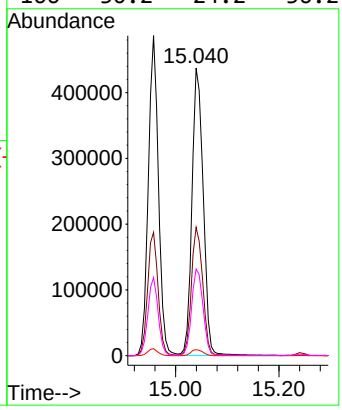


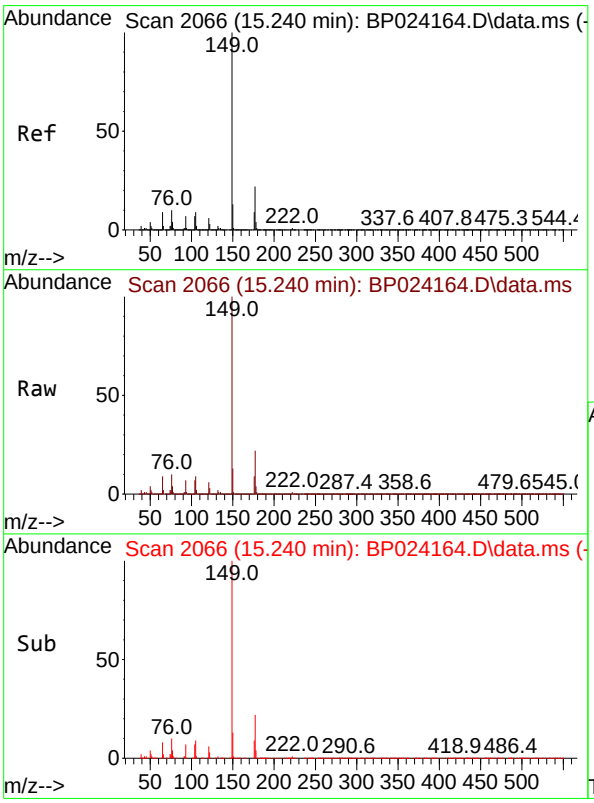
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.068 ng
RT: 15.040 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 662947

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.2	1.8	2.6
166	30.2	24.2	36.2

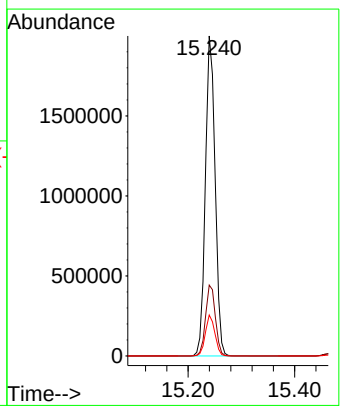


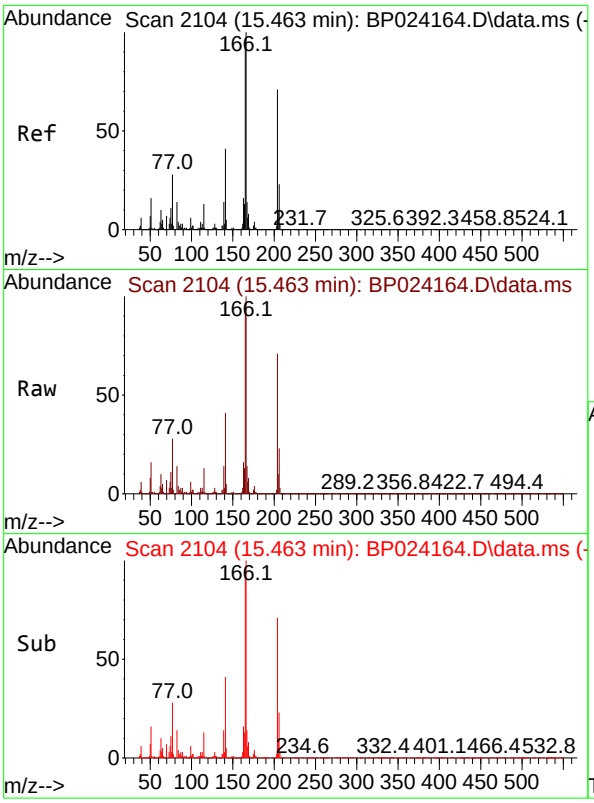


#60
Diethylphthalate
Concen: 38.794 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:149 Resp: 2527904

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.8	10.2	15.4



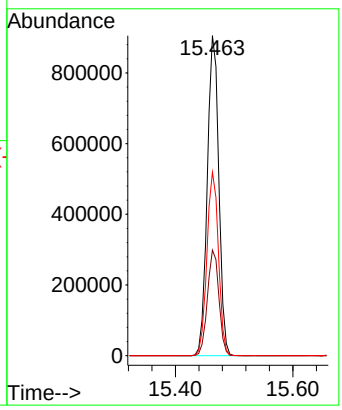


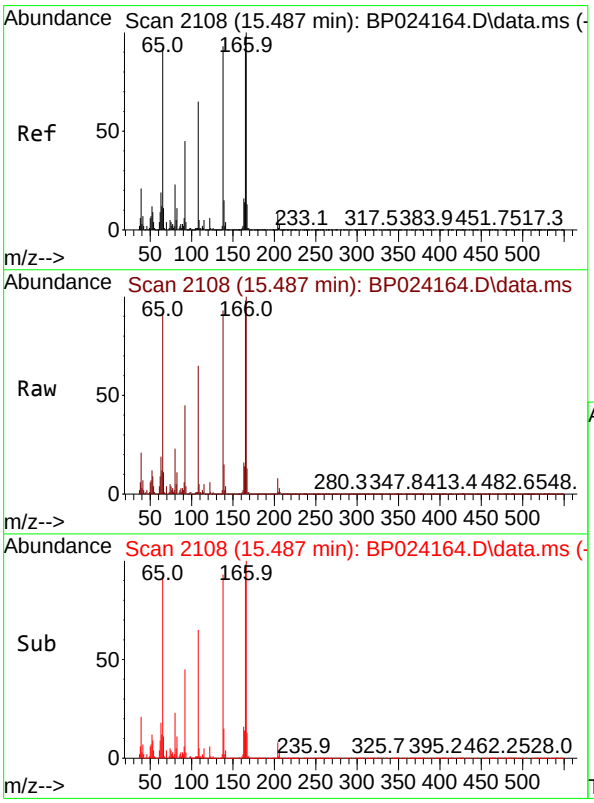
#61
4-Chlorophenyl-phenylether
Concen: 37.829 ng
RT: 15.463 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1225168

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	57.3	45.8	68.8

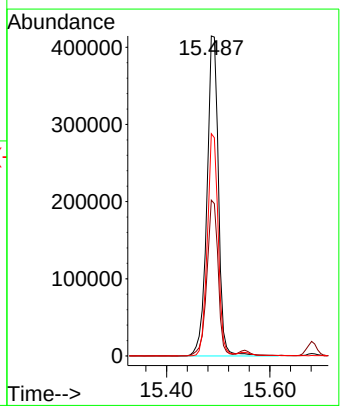


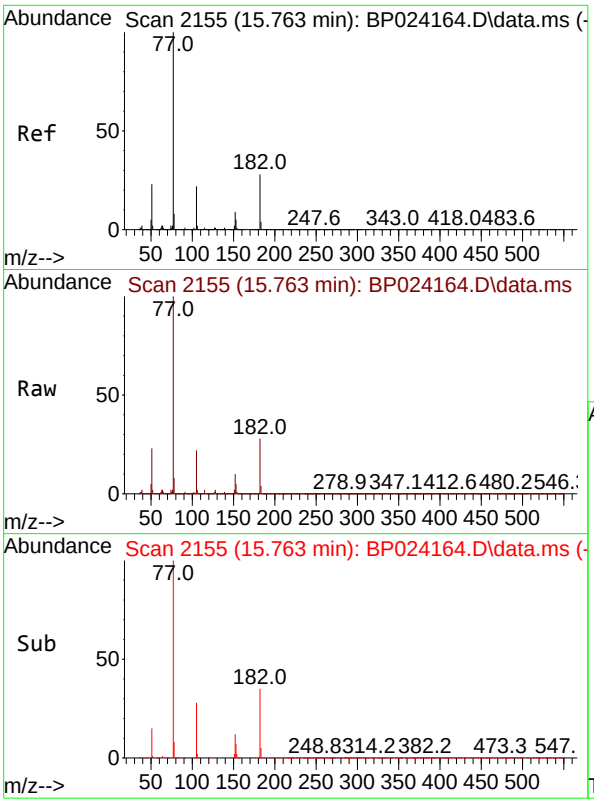


#62
4-Nitroaniline
Concen: 43.134 ng
RT: 15.487 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:138 Resp: 638694

Ion	Ratio	Lower	Upper
138	100		
92	48.7	28.7	68.7
108	69.5	49.5	89.5



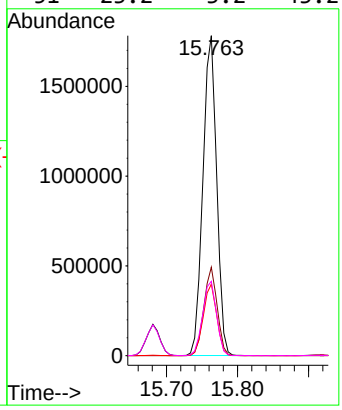


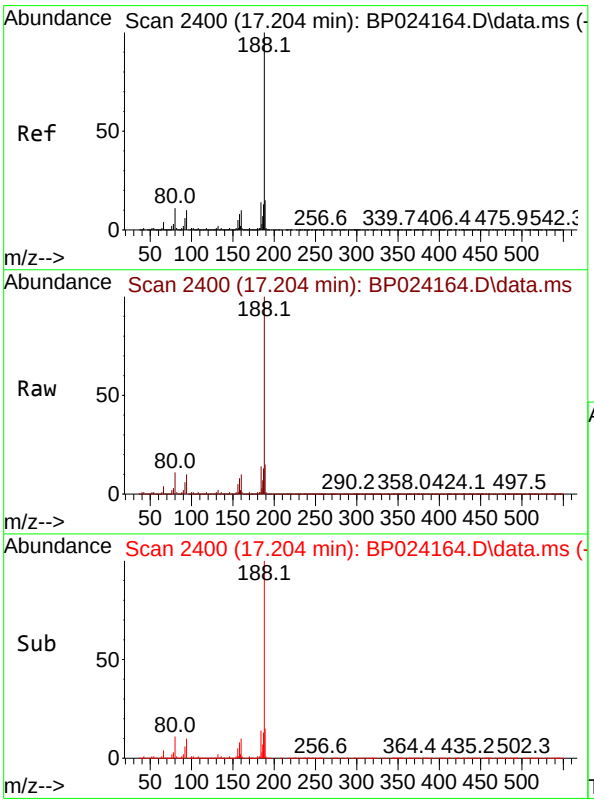
#63
Azobenzene
Concen: 39.335 ng
RT: 15.763 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2401881

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	22.3	2.3	42.3
51	23.2	3.2	43.2

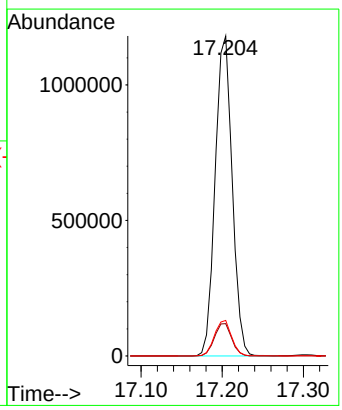


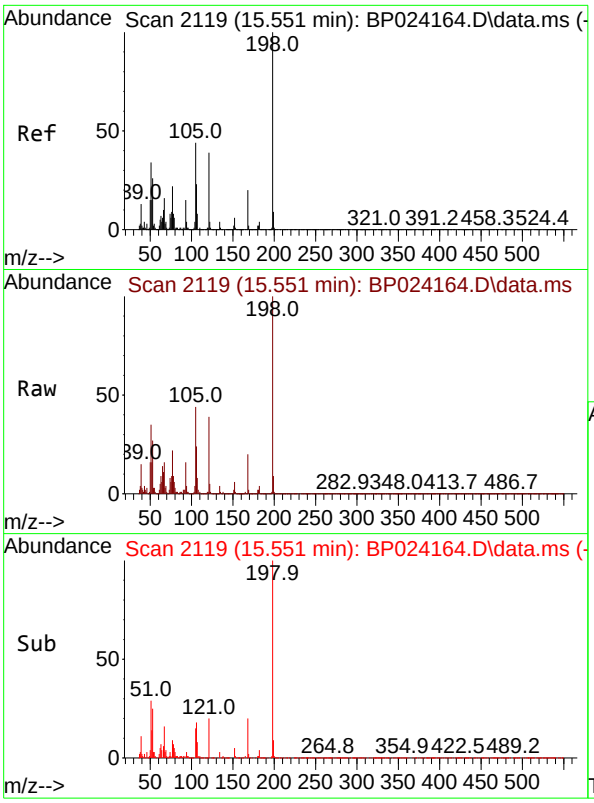


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:188 Resp: 1720919

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.1	8.9	13.3



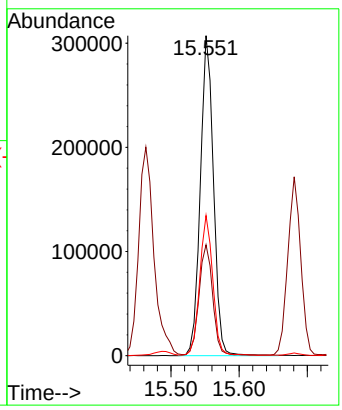


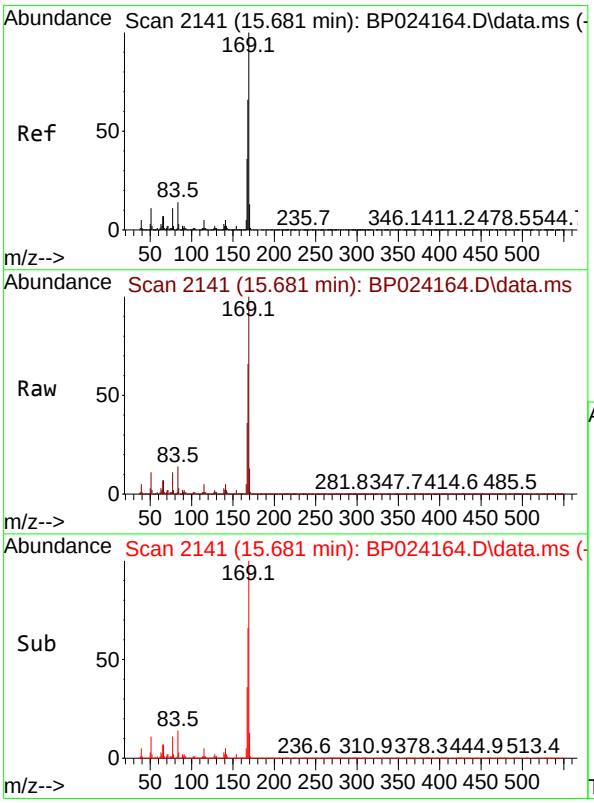
#65
4,6-Dinitro-2-methylphenol
Concen: 41.395 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 412313

Ion	Ratio	Lower	Upper
198	100		
51	34.7	14.7	54.7
105	43.8	23.8	63.8

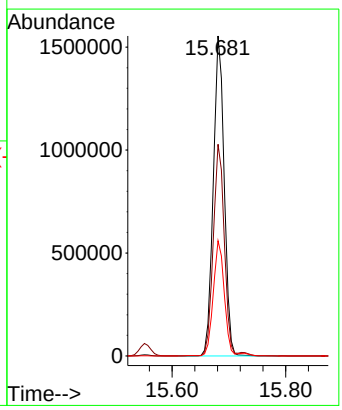


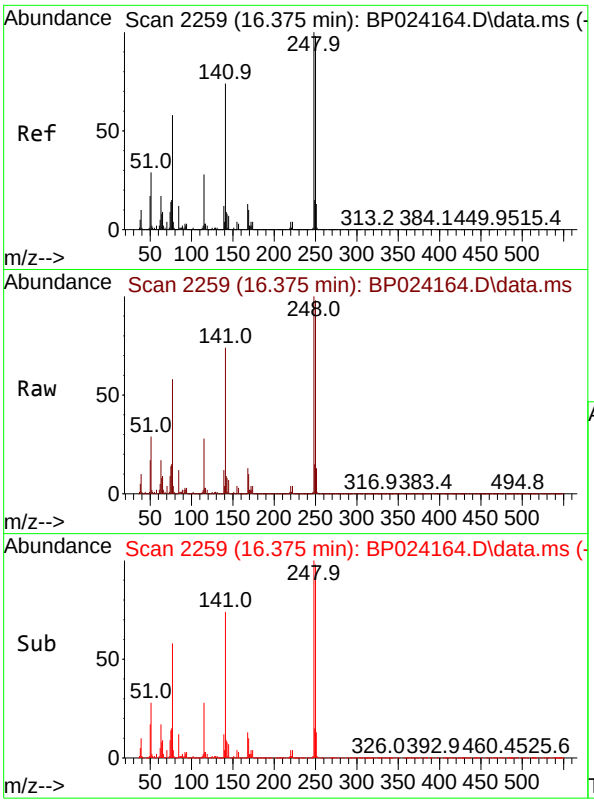


#66
n-Nitrosodiphenylamine
Concen: 38.450 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:169 Resp: 2063452

Ion	Ratio	Lower	Upper
169	100		
168	66.1	52.9	79.3
167	36.0	28.8	43.2



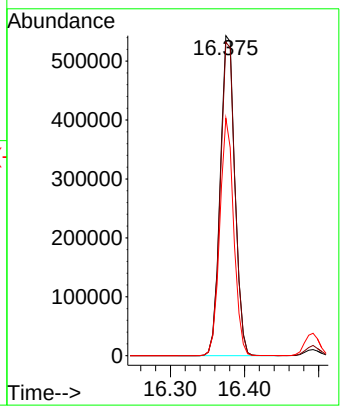


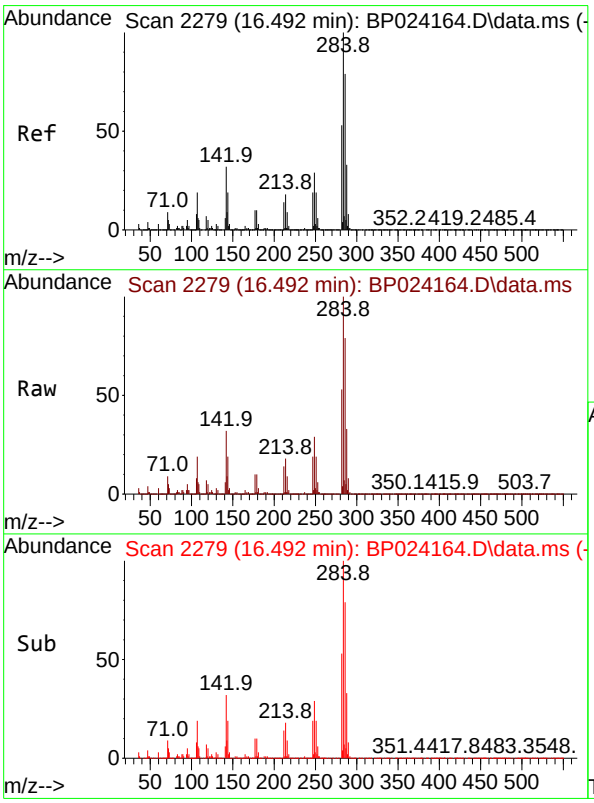
#67
4-Bromophenyl-phenylether
Concen: 38.570 ng
RT: 16.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 745376

Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	74.2	59.4	89.0

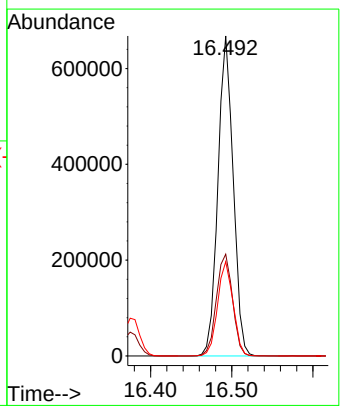


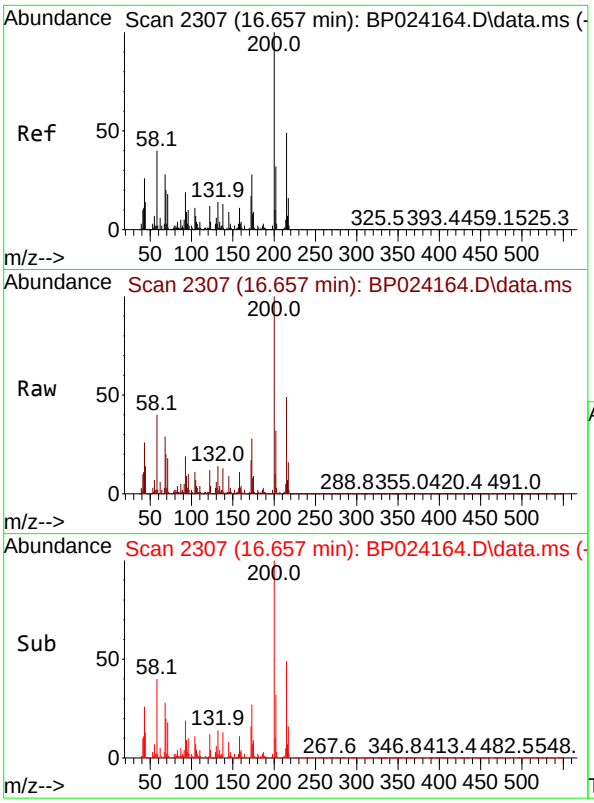


#68
Hexachlorobenzene
Concen: 38.435 ng
RT: 16.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:284 Resp: 873989

Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.4	38.2
249	29.4	23.5	35.3



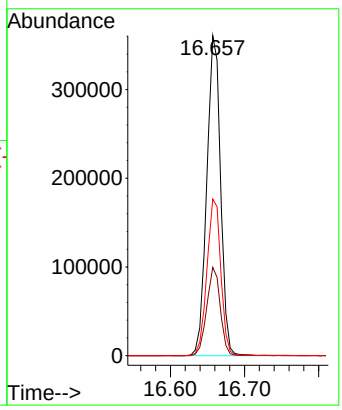


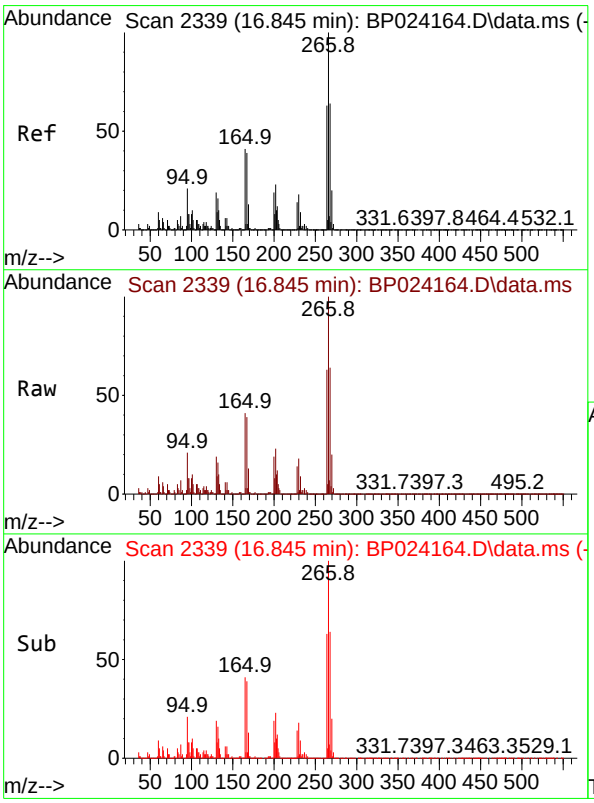
#69
Atrazine
Concen: 33.855 ng
RT: 16.657 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 466258

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.6	47.6
215	49.0	29.0	69.0

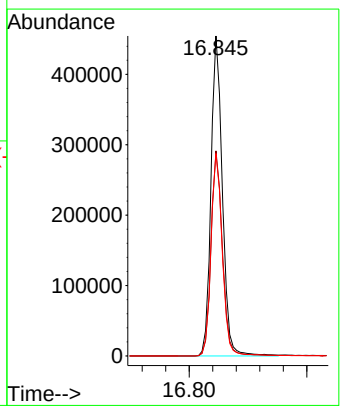


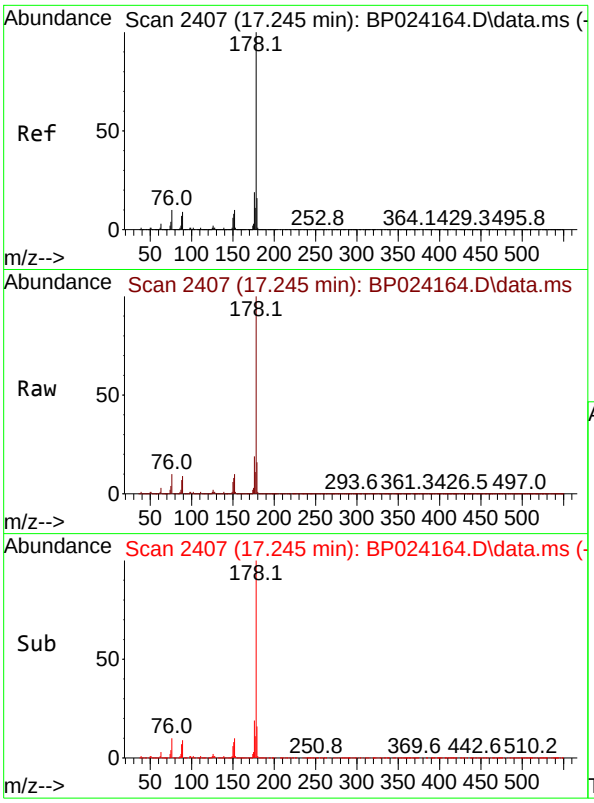


#70
Pentachlorophenol
Concen: 41.352 ng
RT: 16.845 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:266 Resp: 610729

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	63.3	50.6	76.0



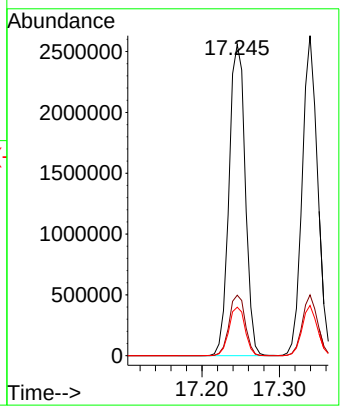


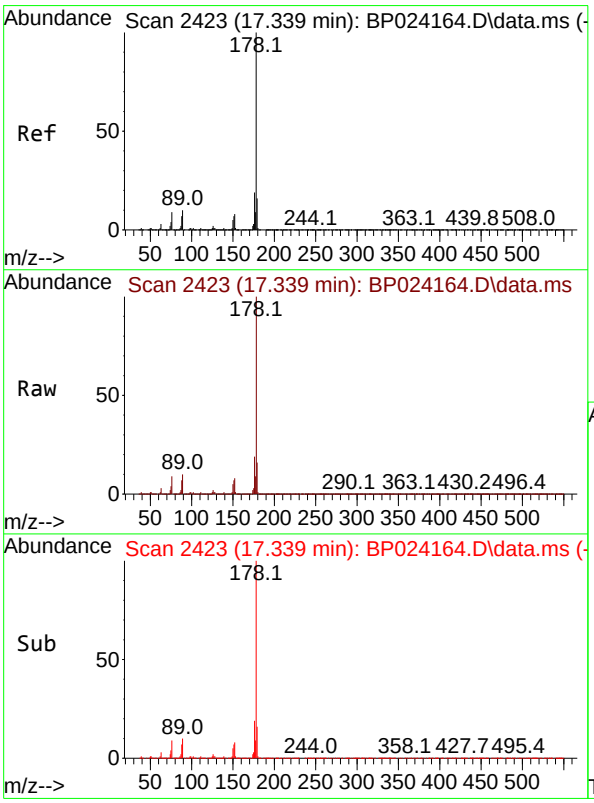
#71
Phenanthrene
Concen: 38.414 ng
RT: 17.245 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 3727050

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.5	18.7

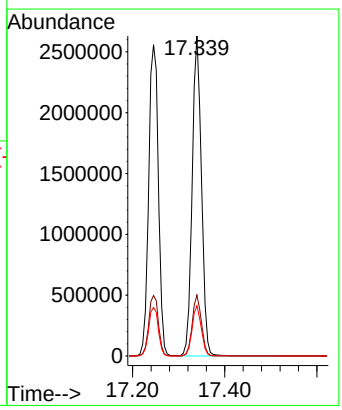


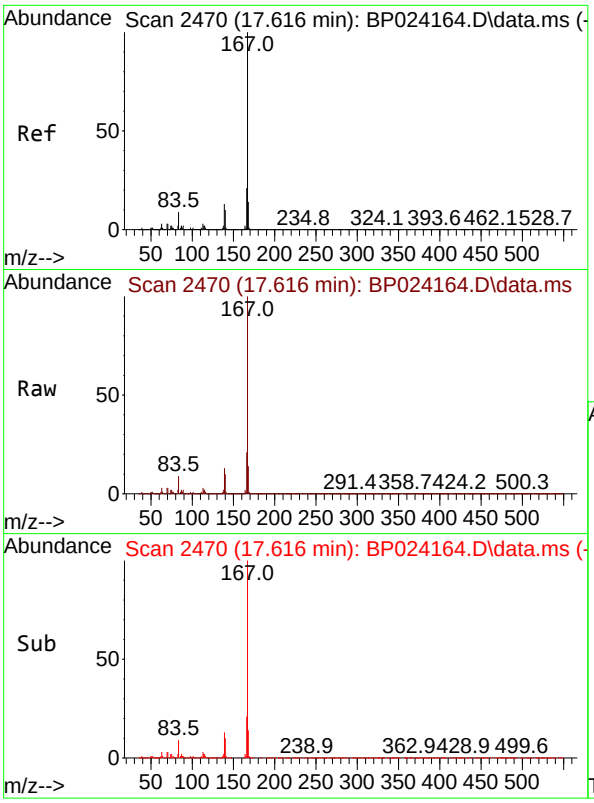


#72
Anthracene
Concen: 39.344 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:178 Resp: 3658135

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.6	18.8



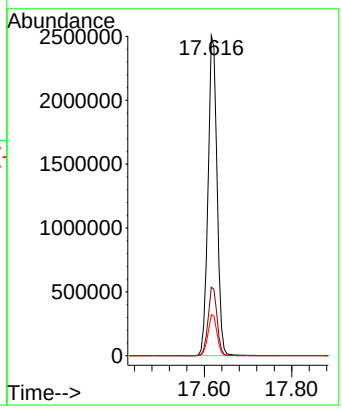


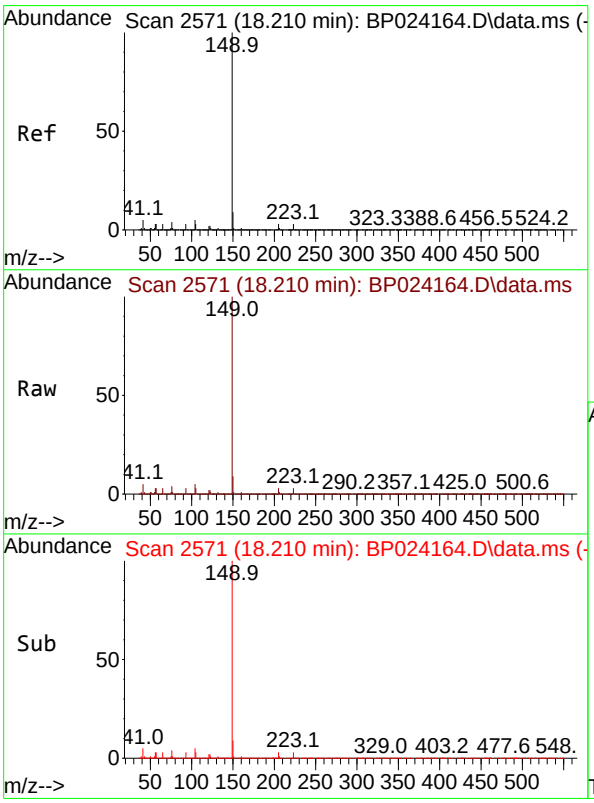
#73
Carbazole
Concen: 40.463 ng
RT: 17.616 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 3584494

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.2	15.4

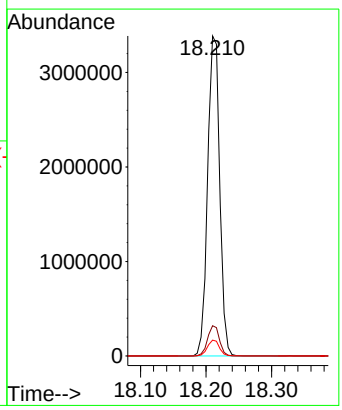


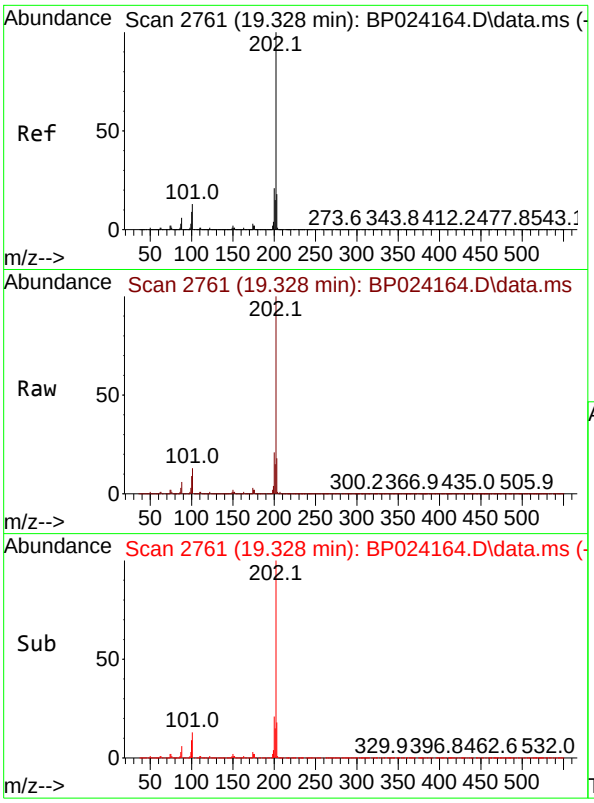


#74
Di-n-butylphthalate
Concen: 41.958 ng
RT: 18.210 min Scan# 2571
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:149 Resp: 4336969

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.9	3.9	5.9



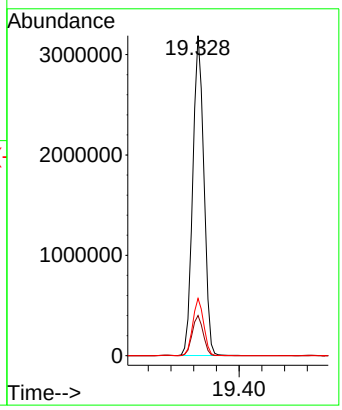


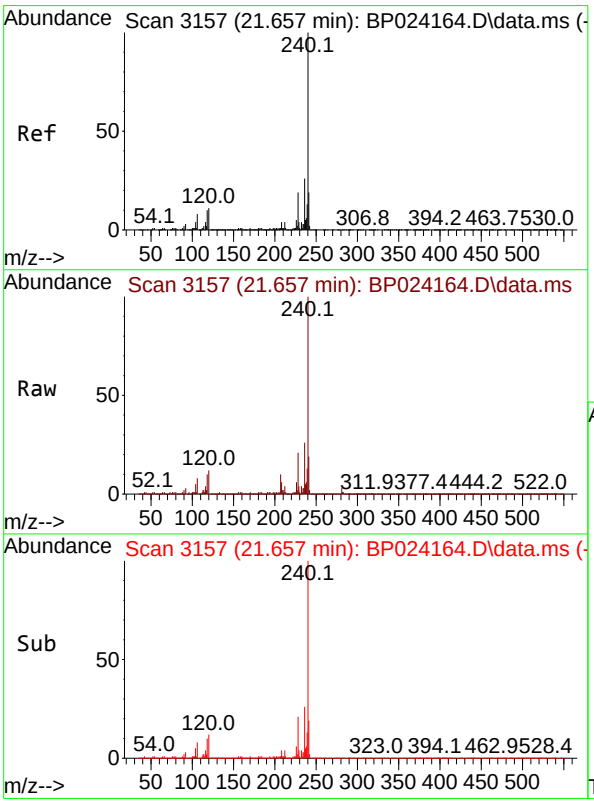
#75
Fluoranthene
Concen: 39.636 ng
RT: 19.328 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 4349734

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.5
203	17.9	0.0	37.9

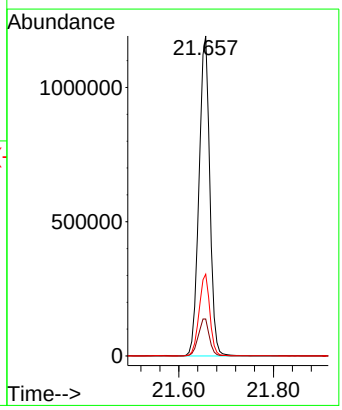


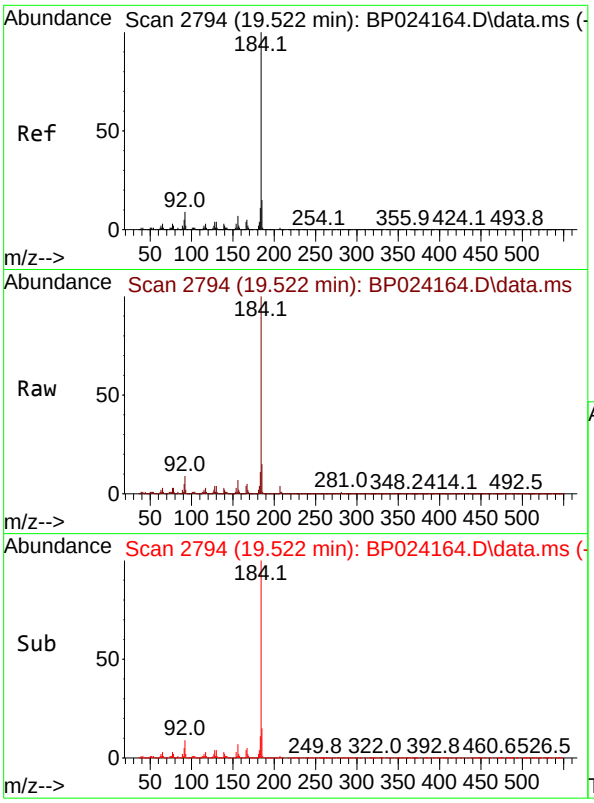


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:240 Resp: 1881172

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.2	13.8
236	25.5	20.4	30.6



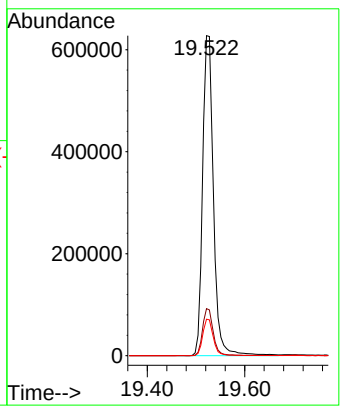


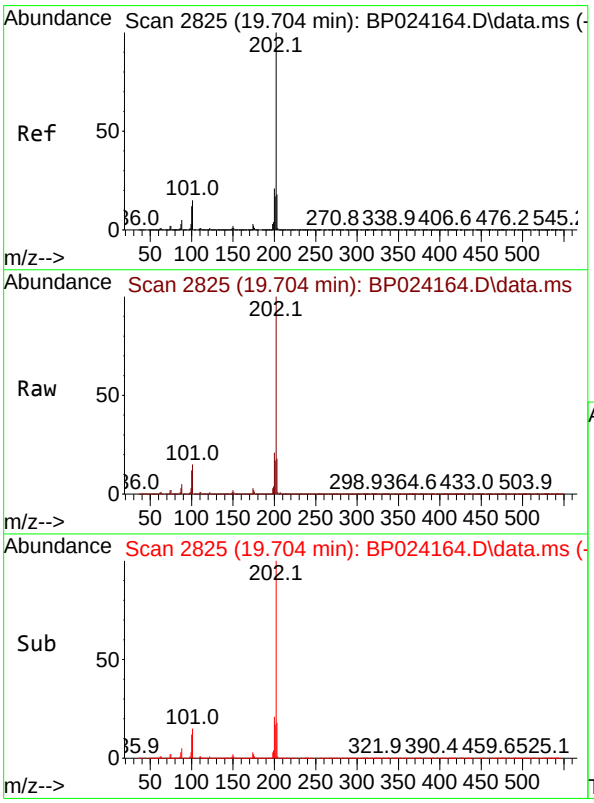
#77
Benzidine
Concen: 42.268 ng
RT: 19.522 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 968916

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.4	9.1	13.7

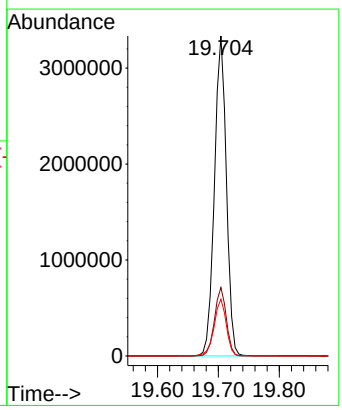


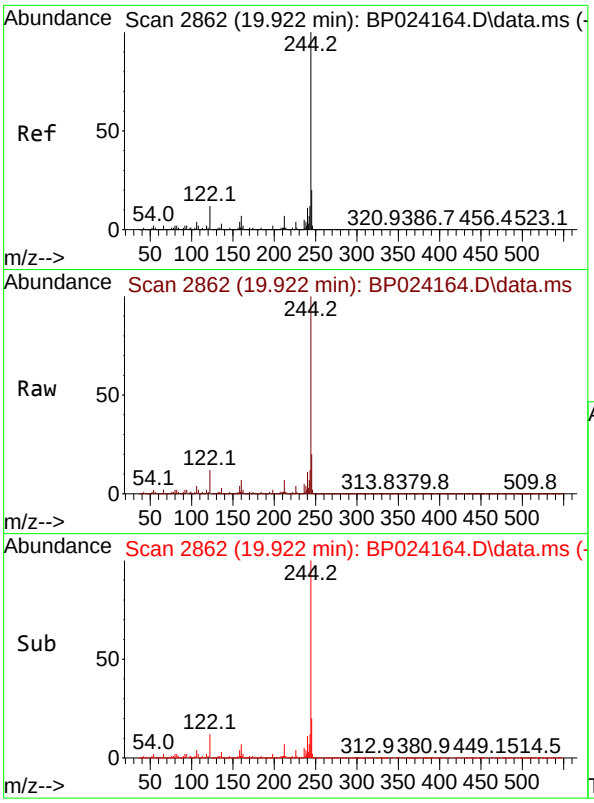


#78
Pyrene
Concen: 37.911 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:202 Resp: 4529960

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.8	14.2	21.4



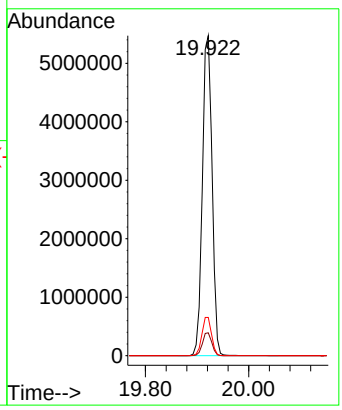


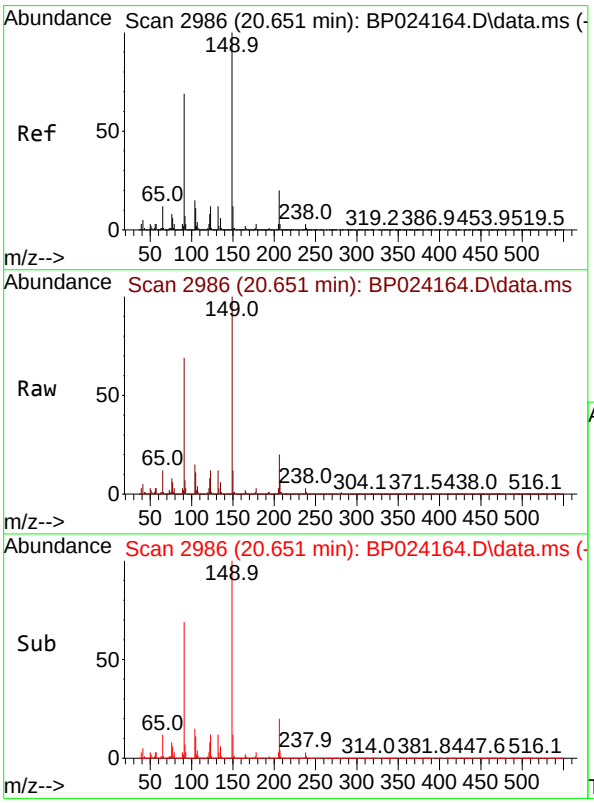
#79
Terphenyl-d14
Concen: 75.038 ng
RT: 19.922 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 7133778

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.0	9.6	14.4

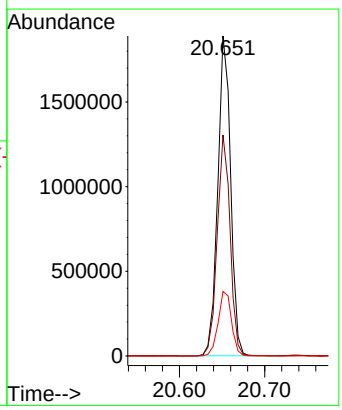


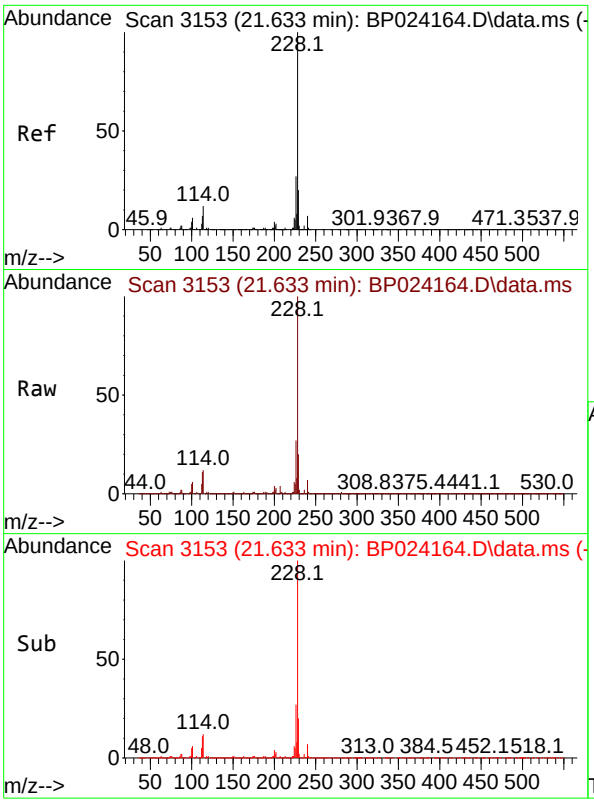


#80
Butylbenzylphthalate
Concen: 43.087 ng
RT: 20.651 min Scan# 2986
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:149 Resp: 1972887

Ion	Ratio	Lower	Upper
149	100		
91	69.1	55.3	82.9
206	20.1	16.1	24.1



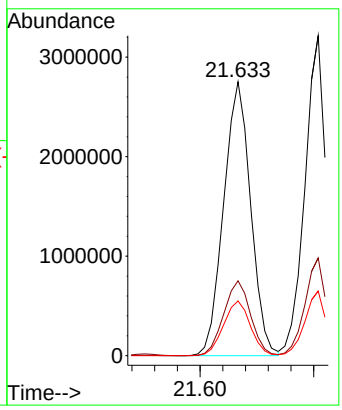


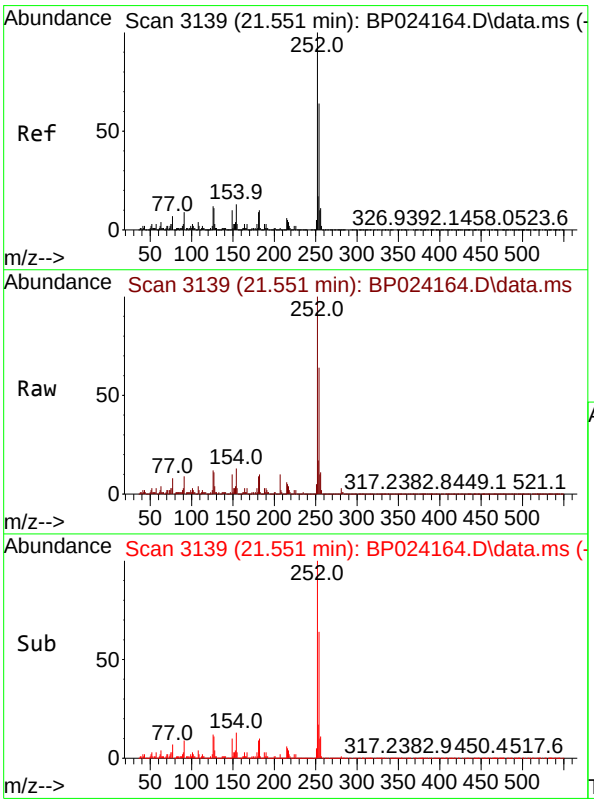
#81
Benzo(a)anthracene
Concen: 38.542 ng
RT: 21.633 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 4546432

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0

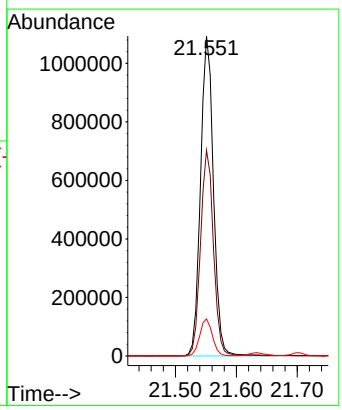


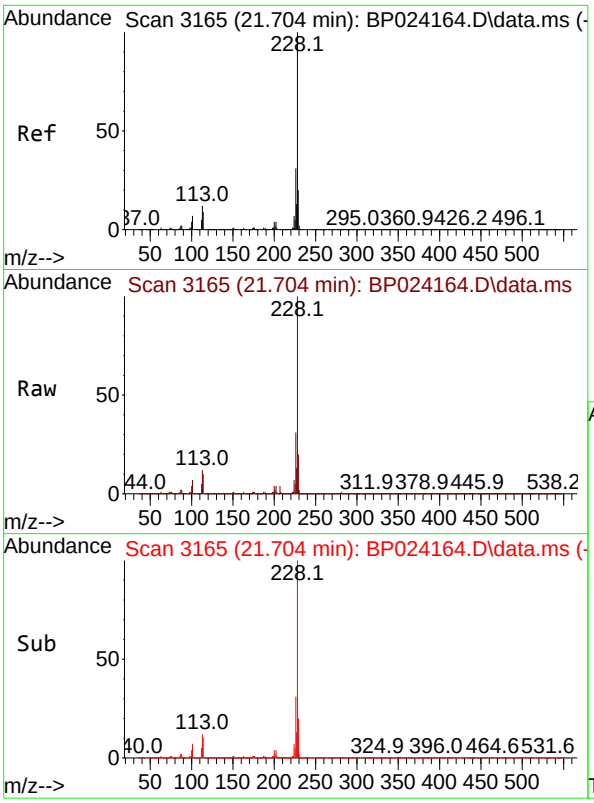


#82
3,3'-Dichlorobenzidine
Concen: 43.694 ng
RT: 21.551 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:252 Resp: 1610565

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	11.6	9.3	13.9



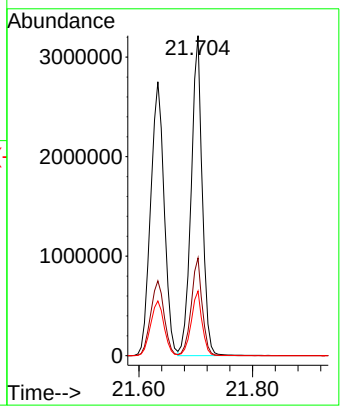


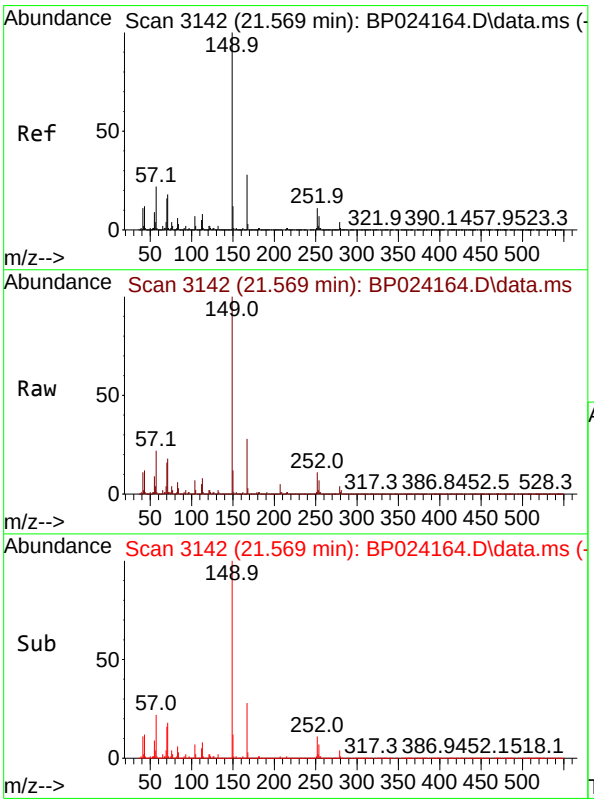
#83
Chrysene
Concen: 38.298 ng
RT: 21.704 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 4356257

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	20.2	16.2	24.2

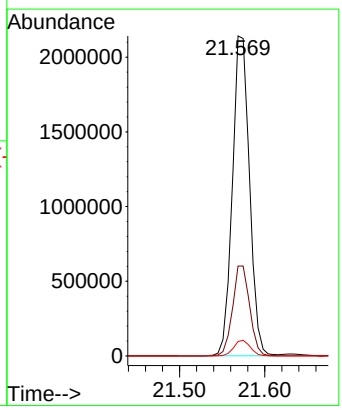


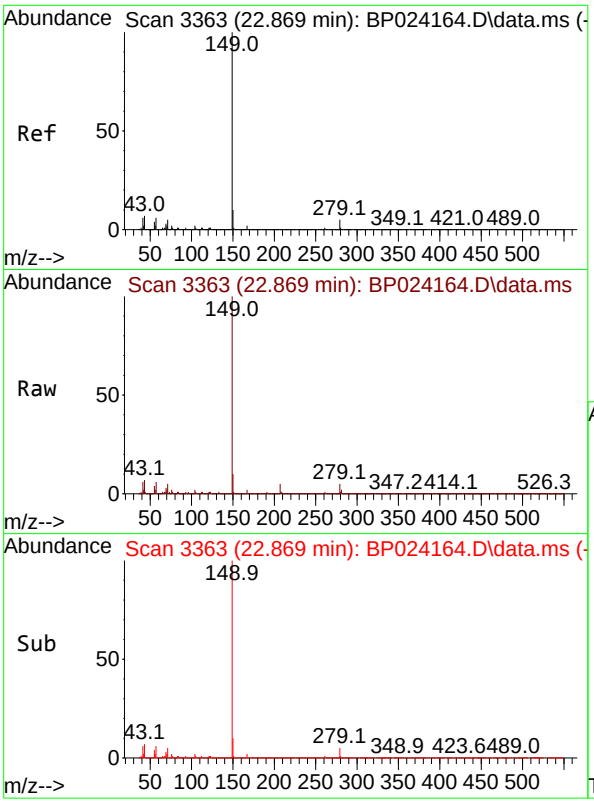


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.929 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:149 Resp: 2980735

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	4.5	3.6	5.4



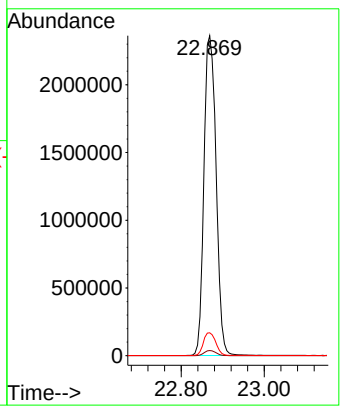


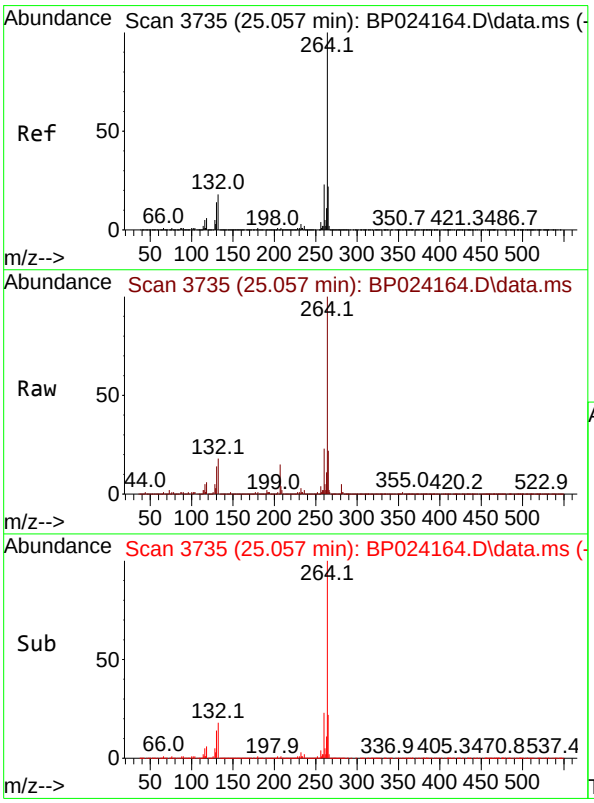
#85
Di-n-octyl phthalate
Concen: 43.129 ng
RT: 22.869 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 4786749

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8

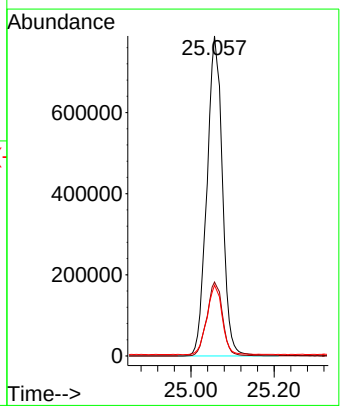


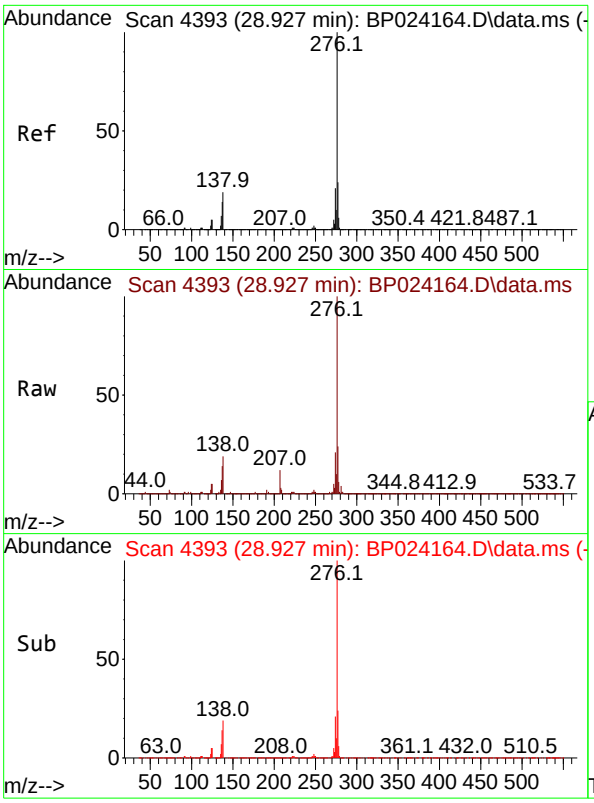


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.057 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:264 Resp: 2043442

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.1	17.7	26.5



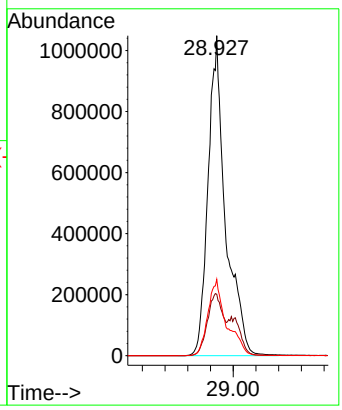


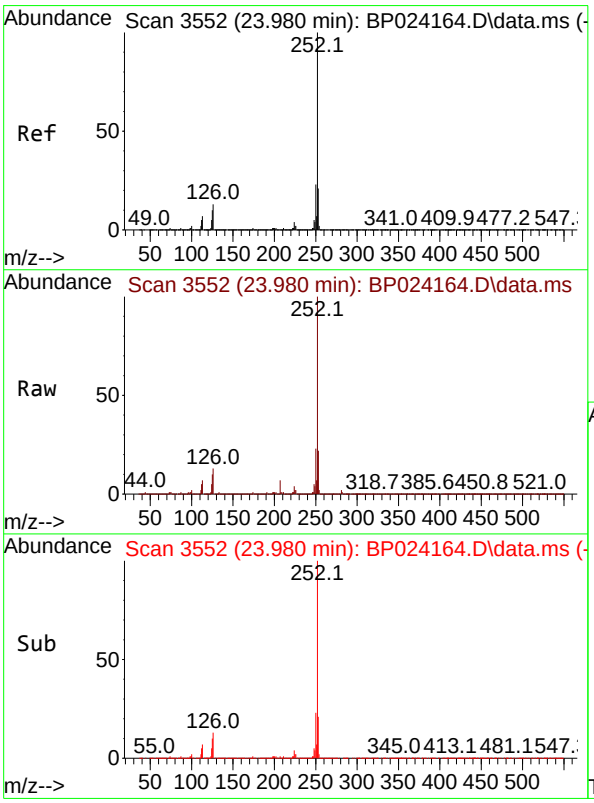
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.410 ng
RT: 28.927 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 5583803

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.7	20.5
277	25.2	20.2	30.2

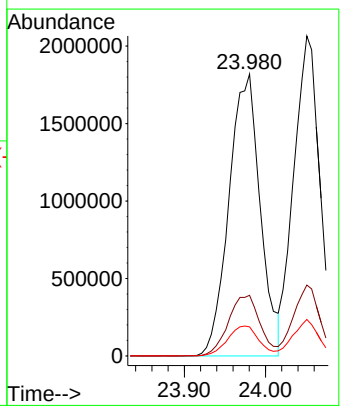


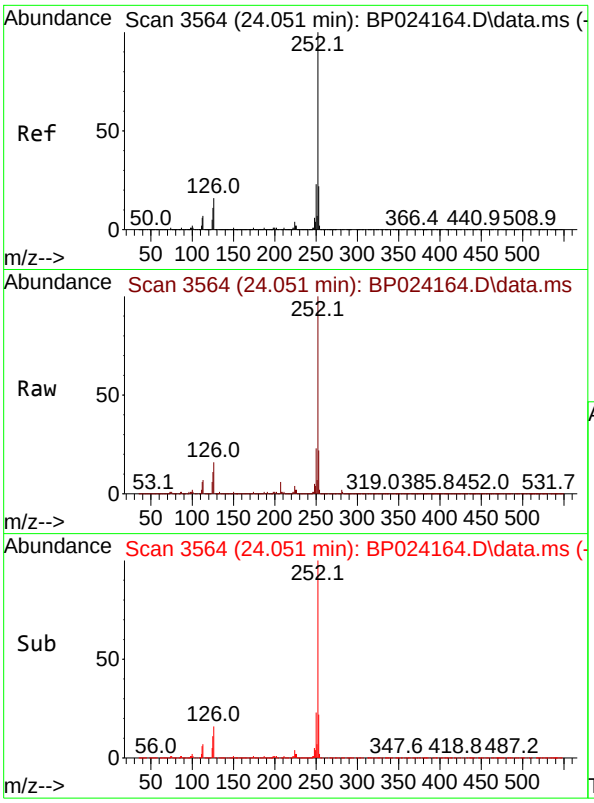


#88
Benzo(b)fluoranthene
Concen: 37.490 ng
RT: 23.980 min Scan# 3552
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:252 Resp: 4864855

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.3	8.2	12.4



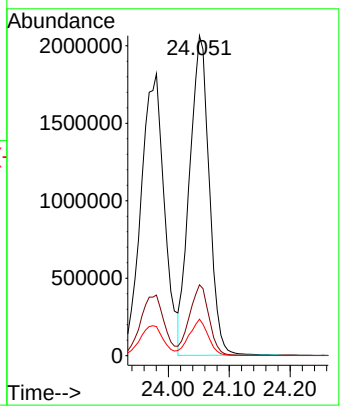


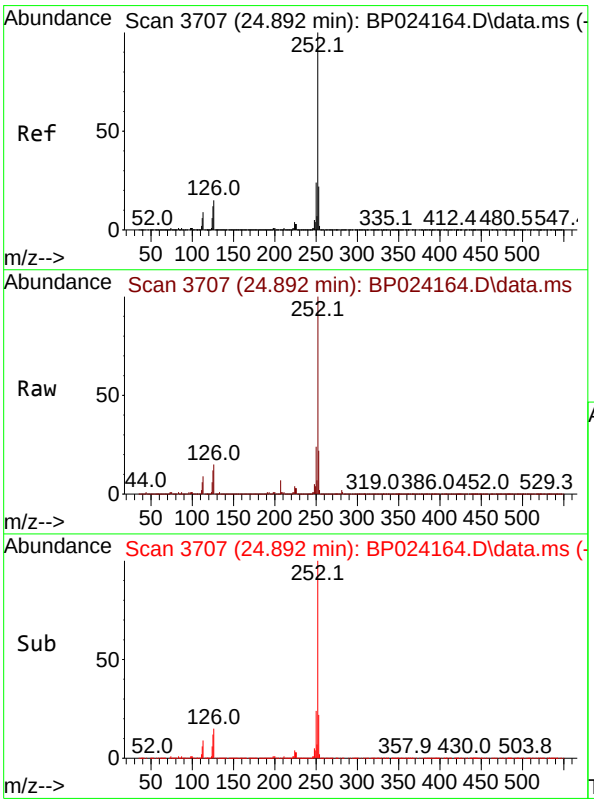
#89
Benzo(k)fluoranthene
Concen: 36.566 ng
RT: 24.051 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 4618537

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.4	9.1	13.7

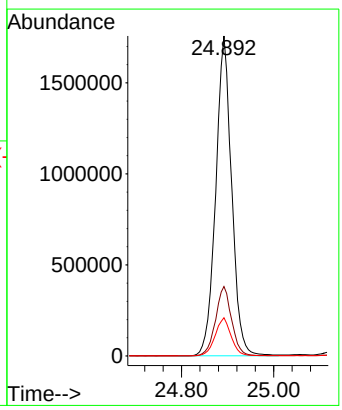


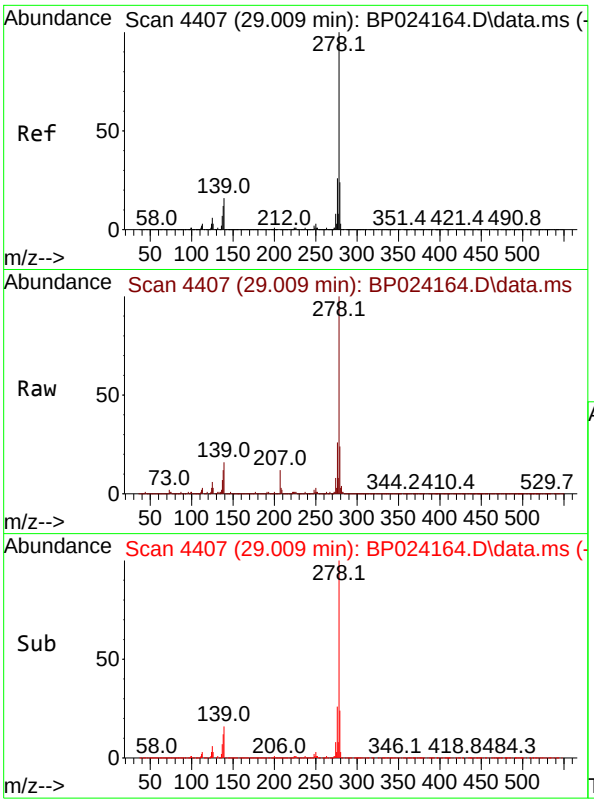


#90
Benzo(a)pyrene
Concen: 38.180 ng
RT: 24.892 min Scan# 3707
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:252 Resp: 4204610

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	12.0	9.6	14.4



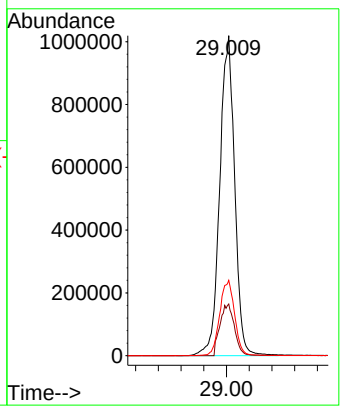


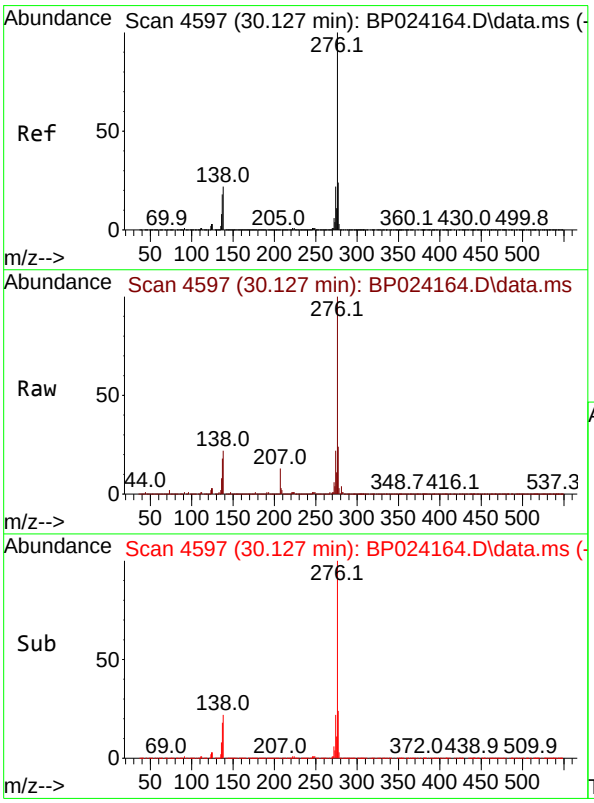
#91
Dibenzo(a,h)anthracene
Concen: 38.014 ng
RT: 29.009 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 4646524

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	23.5	18.8	28.2

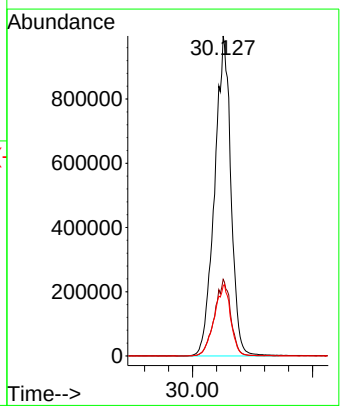




#92
Benzo(g,h,i)perylene
Concen: 38.011 ng
RT: 30.127 min Scan# 4597
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:276 Resp: 4714749

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.8	17.4	26.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	362382	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1504882	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	918204	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1730200	20.000	ng		0.01
76) Chrysene-d12	21.674	240	1856010	20.000	ng		0.02
86) Perylene-d12	25.086	264	2039908	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2339783	100.747	ng		0.00
7) Phenol-d6	6.952	99	3169724	106.191	ng		0.00
23) Nitrobenzene-d5	8.928	82	2723412	100.962	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	1240173	110.267	ng		0.01
45) 2-Fluorobiphenyl	13.022	172	6129086	93.318	ng		0.00
79) Terphenyl-d14	19.945	244	8967575	95.606	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	449736	49.365	ng		100
3) Pyridine	3.716	79	1264797m	53.398	ng		
4) n-Nitrosodimethylamine	3.622	42	417922	49.741	ng		99
6) Aniline	7.110	93	1402509	51.307	ng		100
8) 2-Chlorophenol	7.346	128	1260095	51.262	ng		98
9) Benzaldehyde	6.922	77	680024	49.899	ng		99
10) Phenol	6.981	94	1580281	52.648	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	1214752	51.383	ng		99
12) 1,3-Dichlorobenzene	7.663	146	1338137	49.552	ng		99
13) 1,4-Dichlorobenzene	7.810	146	1352373	49.520	ng		100
14) 1,2-Dichlorobenzene	8.122	146	1299613	49.586	ng		99
15) Benzyl Alcohol	8.010	79	1016261	55.621	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1236313	53.871	ng		99
17) 2-Methylphenol	8.216	107	1010720	55.257	ng		100
18) Hexachloroethane	8.846	117	482437	49.052	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	929876	57.939	ng		99
20) 3+4-Methylphenols	8.540	107	1401754	56.333	ng		99
22) Acetophenone	8.587	105	1912289	49.450	ng	#	99
24) Nitrobenzene	8.969	77	1335288	50.299	ng		99
25) Isophorone	9.487	82	2389410	54.168	ng		100
26) 2-Nitrophenol	9.669	139	686089	56.096	ng		99
27) 2,4-Dimethylphenol	9.734	122	840657	52.362	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	1612977	50.476	ng		100
29) 2,4-Dichlorophenol	10.210	162	1152247	52.591	ng		98
30) 1,2,4-Trichlorobenzene	10.416	180	1212617	48.306	ng		99
31) Naphthalene	10.604	128	4020722	49.689	ng		100
32) Benzoic acid	9.893	122	900054	61.152	ng		99
33) 4-Chloroaniline	10.710	127	1481634	51.976	ng		99
34) Hexachlorobutadiene	10.893	225	703606	48.392	ng		99
35) Caprolactam	11.510	113	402356	60.646	ng		98
36) 4-Chloro-3-methylphenol	11.845	107	1251209	55.551	ng		100
37) 2-Methylnaphthalene	12.216	142	2749915	51.131	ng		100
38) 1-Methylnaphthalene	12.434	142	2647375	50.600	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	1331287	47.188	ng		100
41) Hexachlorocyclopentadiene	12.569	237	503901	47.999	ng		99
43) 2,4,6-Trichlorophenol	12.828	196	896606	52.112	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	969372	51.517	ng	99
46) 1,1'-Biphenyl	13.234	154	3427883	48.043	ng	100
47) 2-Chloronaphthalene	13.275	162	2559098	47.446	ng	99
48) 2-Nitroaniline	13.475	65	714343	56.066	ng	97
49) Acenaphthylene	14.128	152	4015684	50.533	ng	100
50) Dimethylphthalate	13.869	163	3252950	50.224	ng	100
51) 2,6-Dinitrotoluene	13.981	165	715171	54.206	ng	99
52) Acenaphthene	14.481	154	2516832	49.182	ng	99
53) 3-Nitroaniline	14.310	138	790217	56.128	ng	98
54) 2,4-Dinitrophenol	14.528	184	410616	58.439	ng	99
55) Dibenzofuran	14.816	168	4058172	48.816	ng	99
56) 4-Nitrophenol	14.639	139	685687	56.382	ng	98
57) 2,4-Dinitrotoluene	14.781	165	971087	56.659	ng	99
58) Fluorene	15.481	166	3230571	49.759	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	851401	52.152	ng	100
60) Diethylphthalate	15.251	149	3265289	50.786	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	1572773	49.216	ng	99
62) 4-Nitroaniline	15.504	138	831169	56.889	ng	99
63) Azobenzene	15.769	77	3077821	51.085	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	551280	55.051	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2670636	49.497	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	968698	49.858	ng	98
68) Hexachlorobenzene	16.510	284	1136445	49.709	ng	99
69) Atrazine	16.669	200	452391	32.672	ng	99
70) Pentachlorophenol	16.863	266	796545	53.644	ng	99
71) Phenanthrene	17.257	178	4759945	48.797	ng	100
72) Anthracene	17.351	178	4723119	50.526	ng	100
73) Carbazole	17.633	167	4585466	51.485	ng	100
74) Di-n-butylphthalate	18.222	149	5502824	52.951	ng	100
75) Fluoranthene	19.345	202	5644914	51.163	ng	99
77) Benzidine	19.539	184	804810	35.585	ng	99
78) Pyrene	19.727	202	5876091	49.843	ng	100
80) Butylbenzylphthalate	20.674	149	2571381	56.920	ng	99
81) Benzo(a)anthracene	21.657	228	5851357	50.277	ng	100
82) 3,3'-Dichlorobenzidine	21.580	252	2015249	55.414	ng	99
83) Chrysene	21.727	228	5625314	50.126	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	3802016	55.499	ng	100
85) Di-n-octyl phthalate	22.904	149	6298049	57.516	ng	100
87) Indeno(1,2,3-cd)pyrene	28.956	276	7354717	50.680	ng	99
88) Benzo(b)fluoranthene	24.004	252	6342083	48.959	ng	98
89) Benzo(k)fluoranthene	24.080	252	6136938	48.672	ng	99
90) Benzo(a)pyrene	24.927	252	5581393	50.770	ng	99
91) Dibenzo(a,h)anthracene	29.045	278	6072440	49.766	ng	99
92) Benzo(g,h,i)perylene	30.168	276	6130219	49.509	ng	99

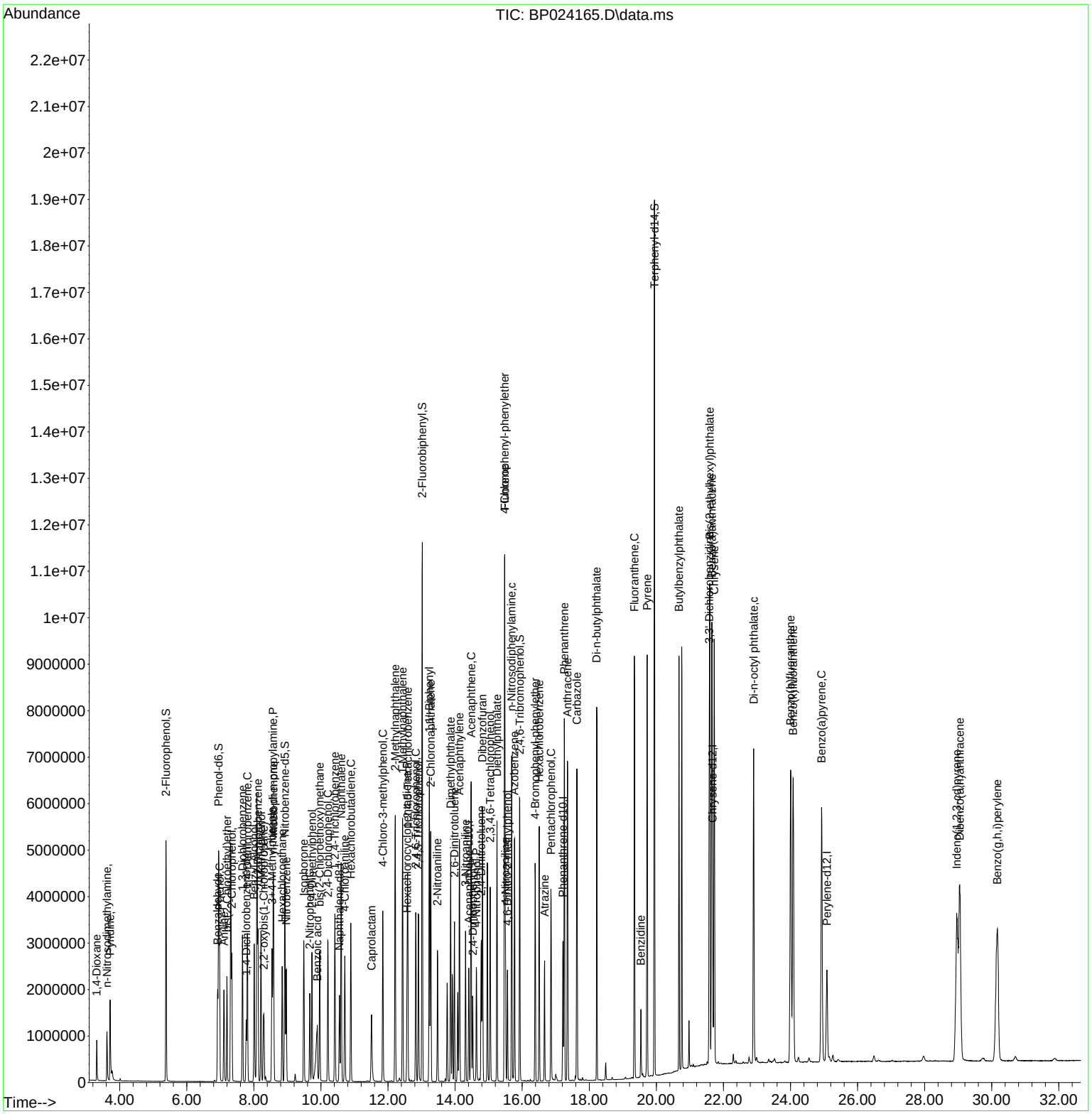
(#) = qualifier out of range (m) = manual integration (+) = signals summed

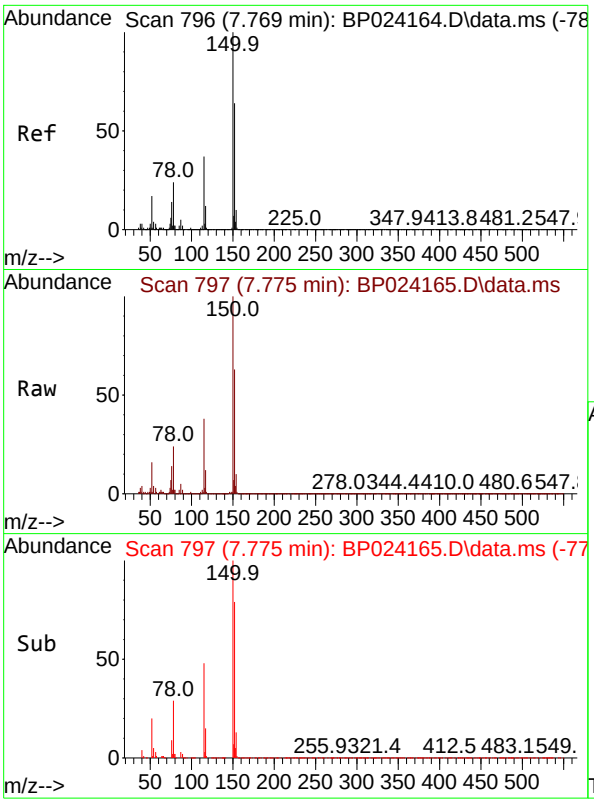
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



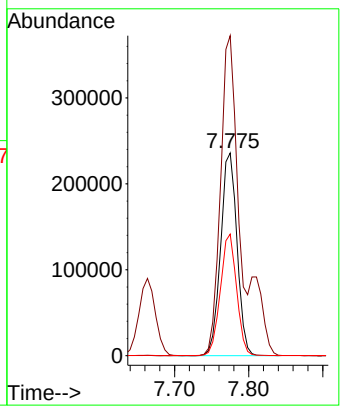


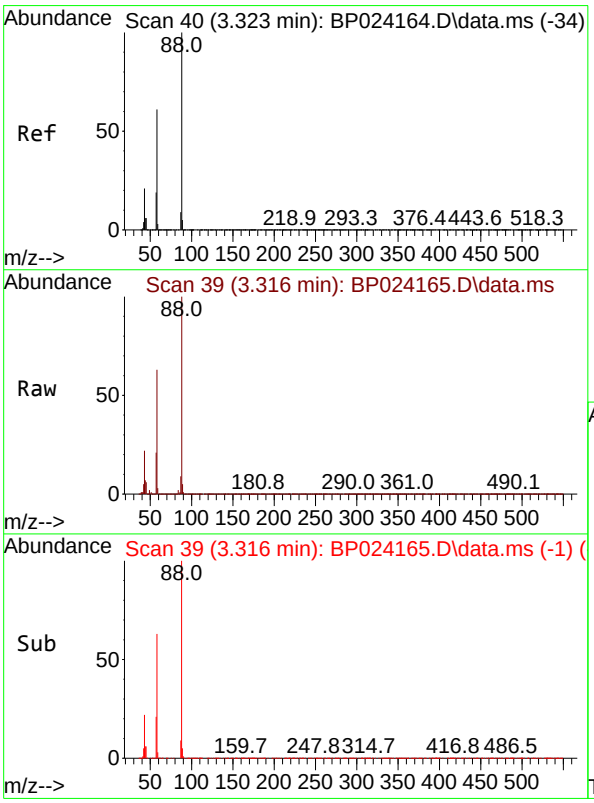
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 362382

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.5	188.3
115	60.0	46.3	69.5

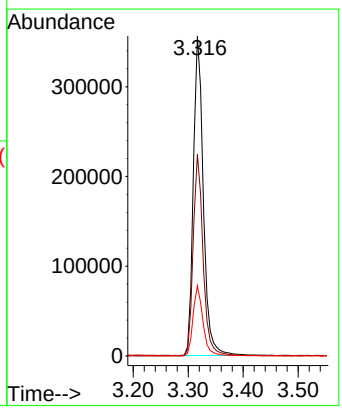


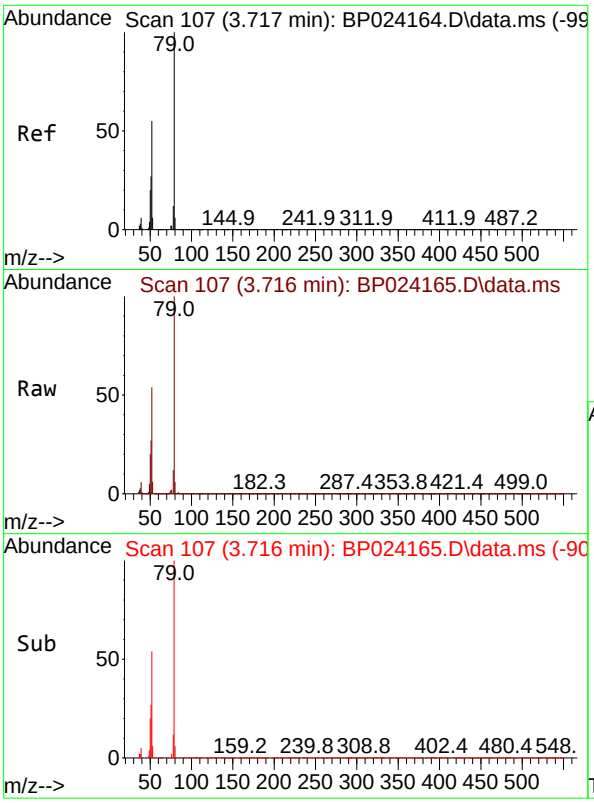


#2
1,4-Dioxane
Concen: 49.365 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 88 Resp: 449736

Ion	Ratio	Lower	Upper
88	100		
58	62.6	49.8	74.6
43	21.6	17.3	25.9



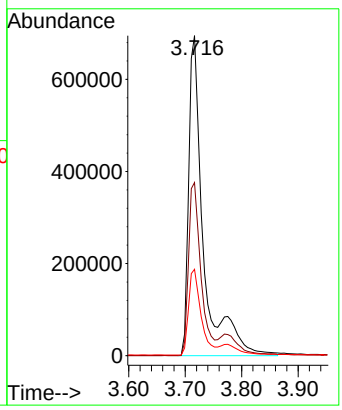


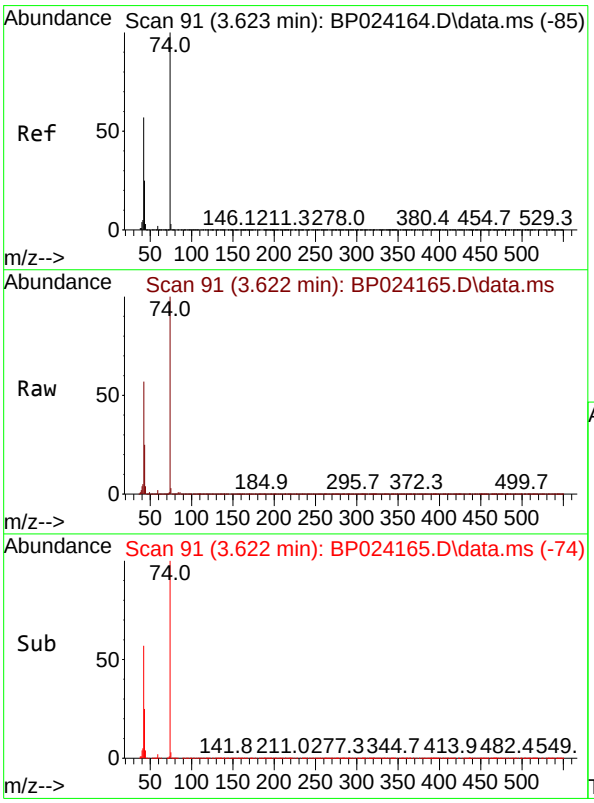
#3
Pyridine
Concen: 53.398 ng m
RT: 3.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1264797

Ion	Ratio	Lower	Upper
79	100		
52	54.1	43.8	65.8
51	27.0	21.6	32.4

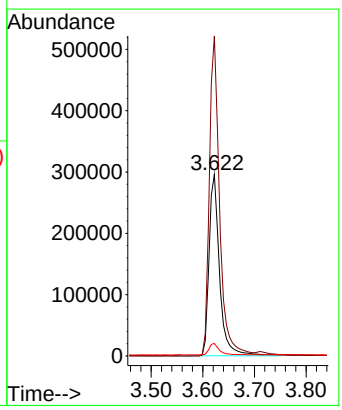


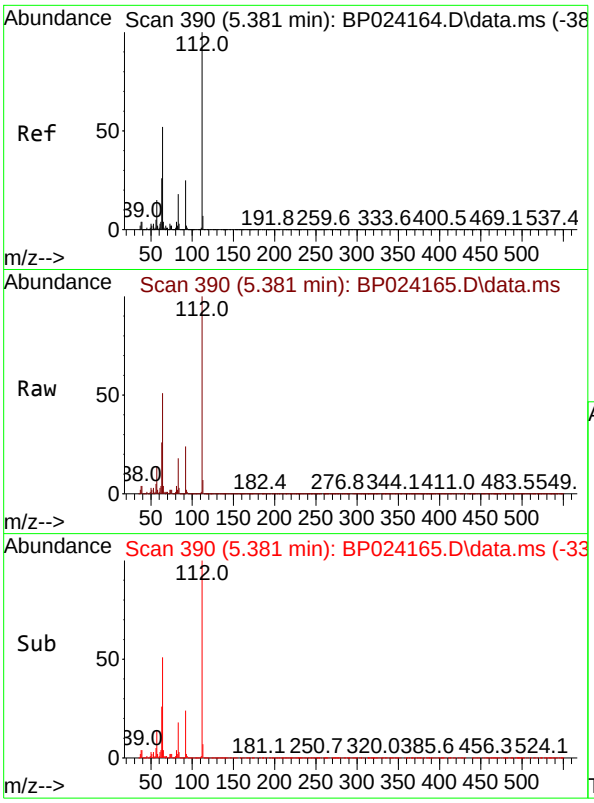


#4
n-Nitrosodimethylamine
Concen: 49.741 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 42 Resp: 417922

Ion	Ratio	Lower	Upper
42	100		
74	176.4	139.8	209.6
44	6.9	5.3	7.9



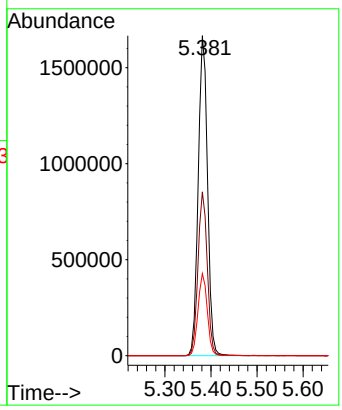


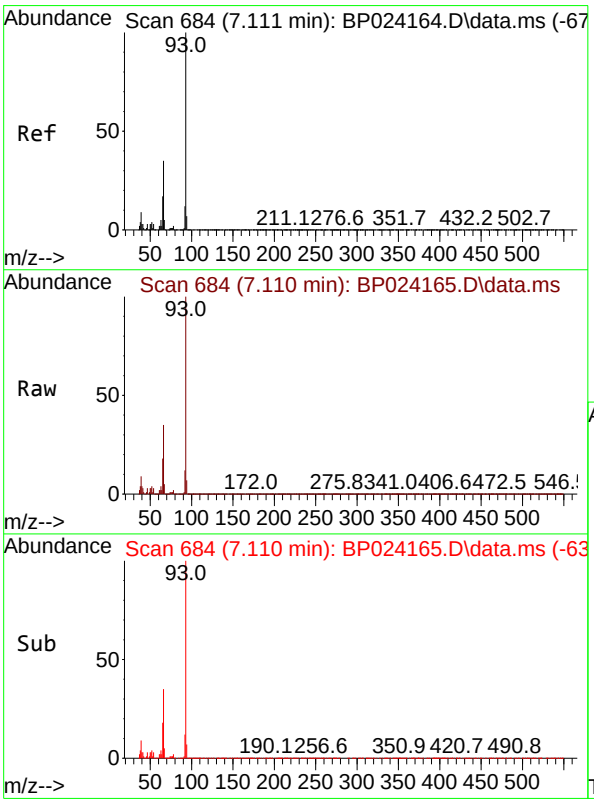
#5
2-Fluorophenol
Concen: 100.747 ng
RT: 5.381 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 2339783

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.3	61.9
63	25.7	20.6	31.0

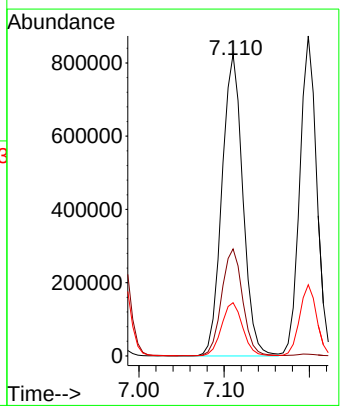


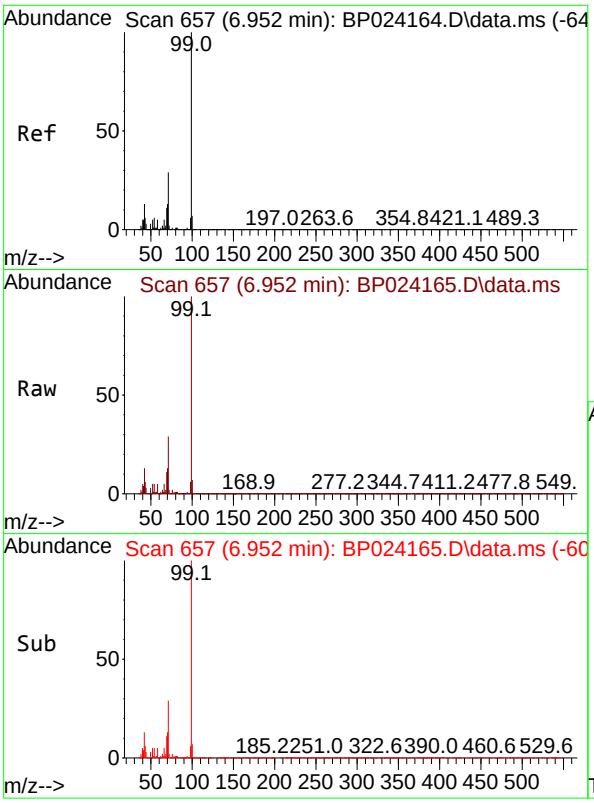


#6
Aniline
Concen: 51.307 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 93 Resp: 1402509

Ion	Ratio	Lower	Upper
93	100		
66	35.5	28.2	42.2
65	17.7	14.0	21.0



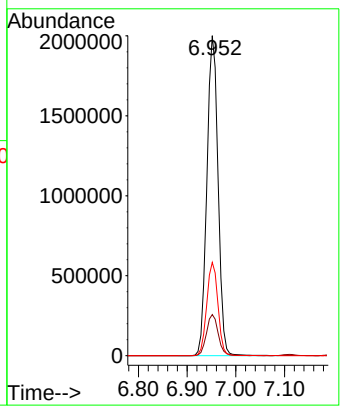


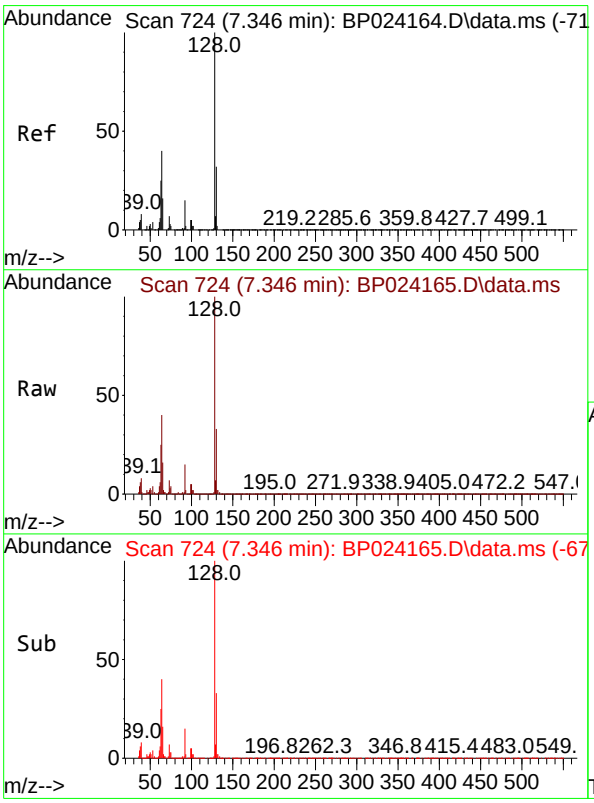
#7
Phenol-d6
Concen: 106.191 ng
RT: 6.952 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 3169724

Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.6	16.0
71	29.1	23.3	34.9

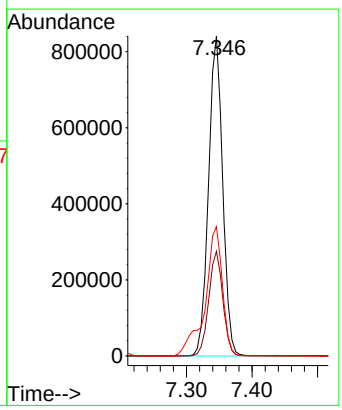


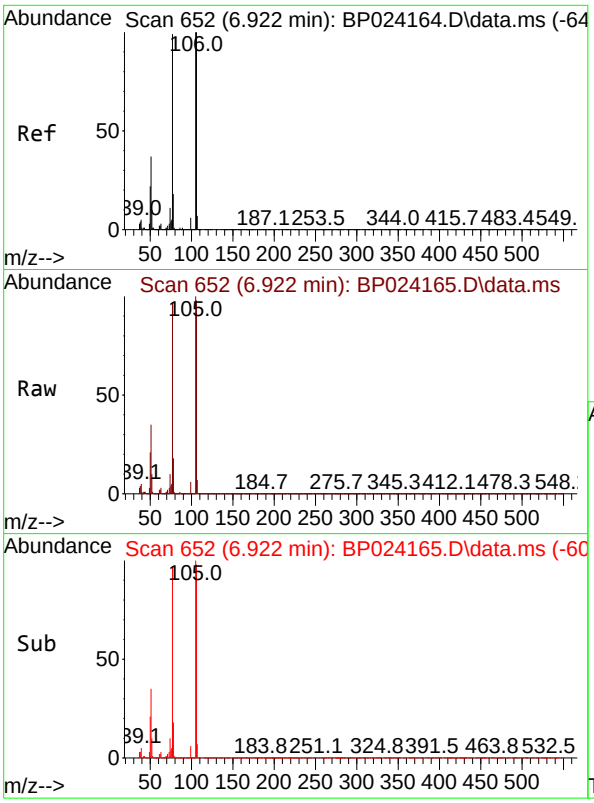


#8
2-Chlorophenol
Concen: 51.262 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:128 Resp: 1260095

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	40.4	21.6	61.6



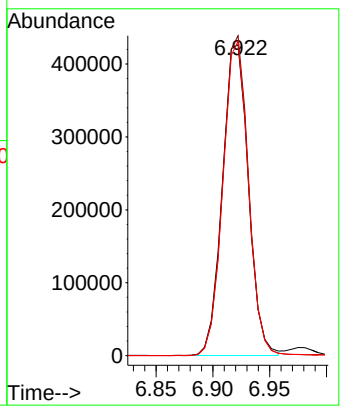


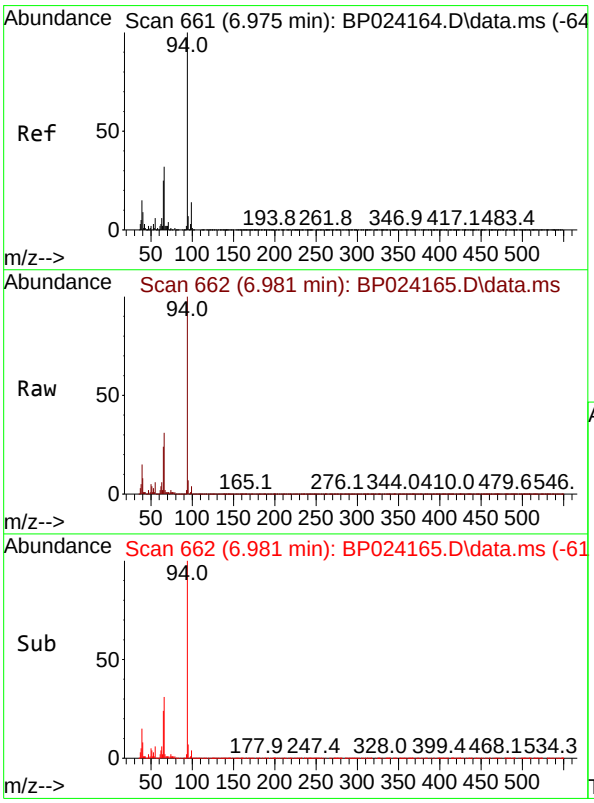
#9
Benzaldehyde
Concen: 49.899 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 680024

Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.4	121.4
106	101.1	81.1	121.1

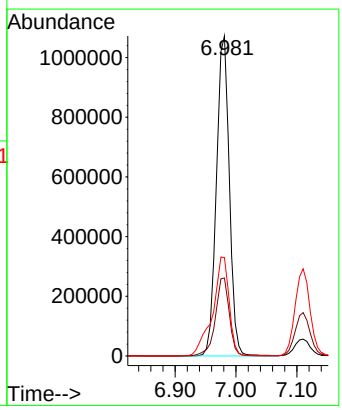


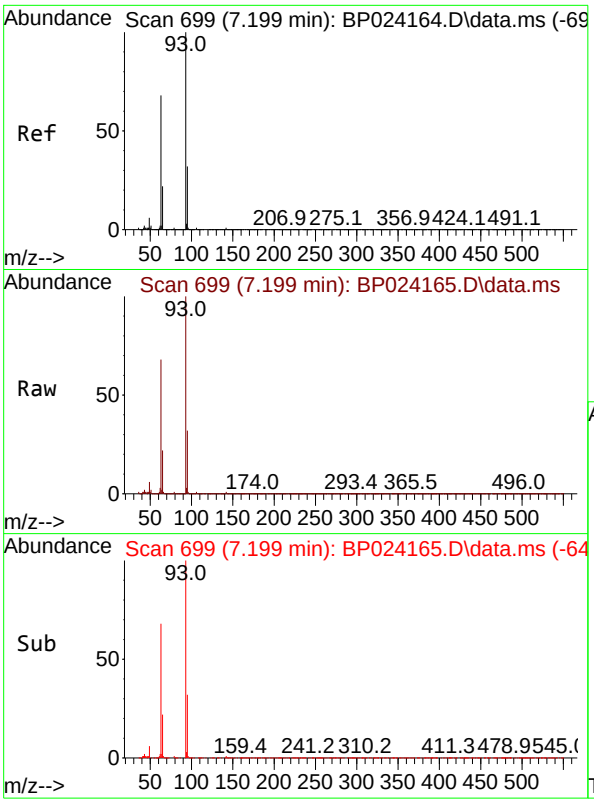


#10
Phenol
Concen: 52.648 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 94 Resp: 1580281

Ion	Ratio	Lower	Upper
94	100		
65	24.4	4.9	44.9
66	30.8	11.9	51.9



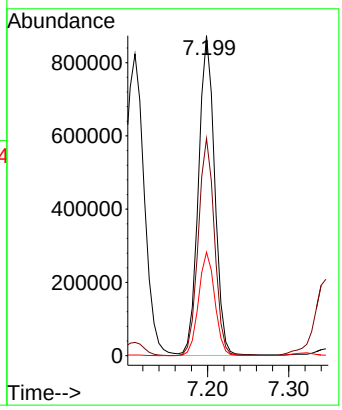


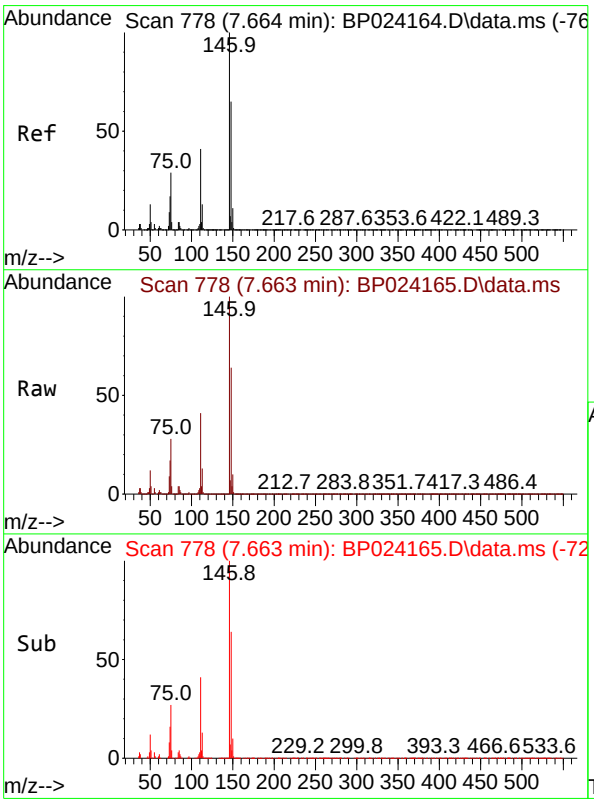
#11
bis(2-Chloroethyl)ether
Concen: 51.383 ng
RT: 7.199 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1214752

Ion	Ratio	Lower	Upper
93	100		
63	67.9	47.4	87.4
95	32.4	12.1	52.1

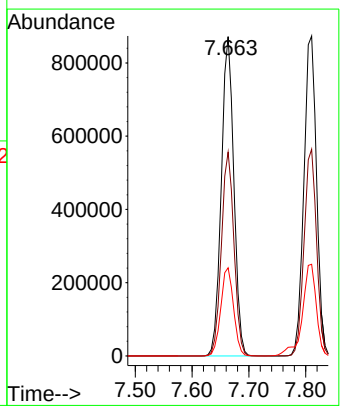


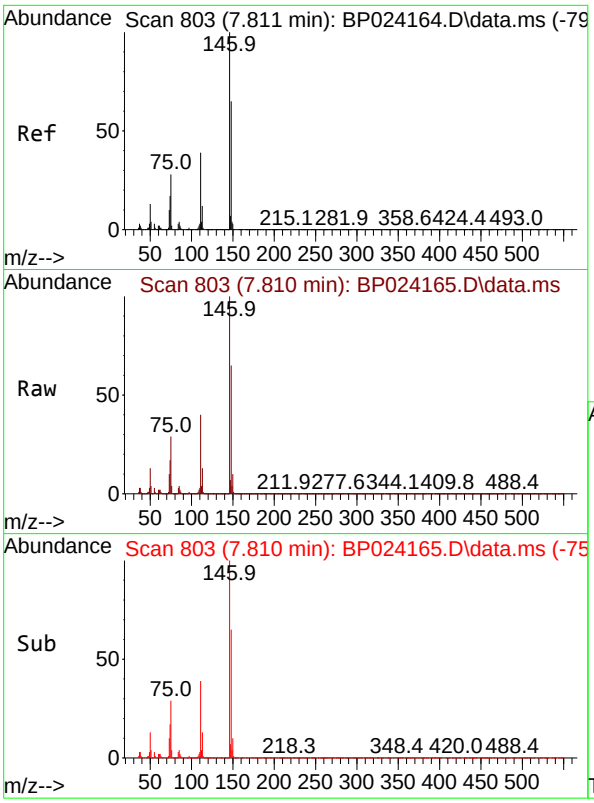


#12
1,3-Dichlorobenzene
Concen: 49.552 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:146 Resp: 1338137

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	27.6	22.8	34.2



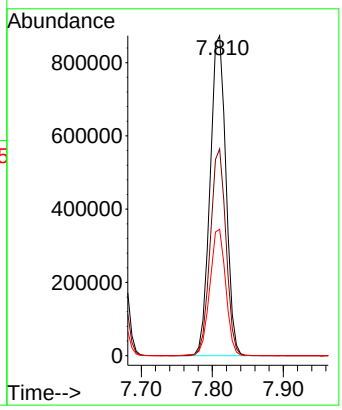


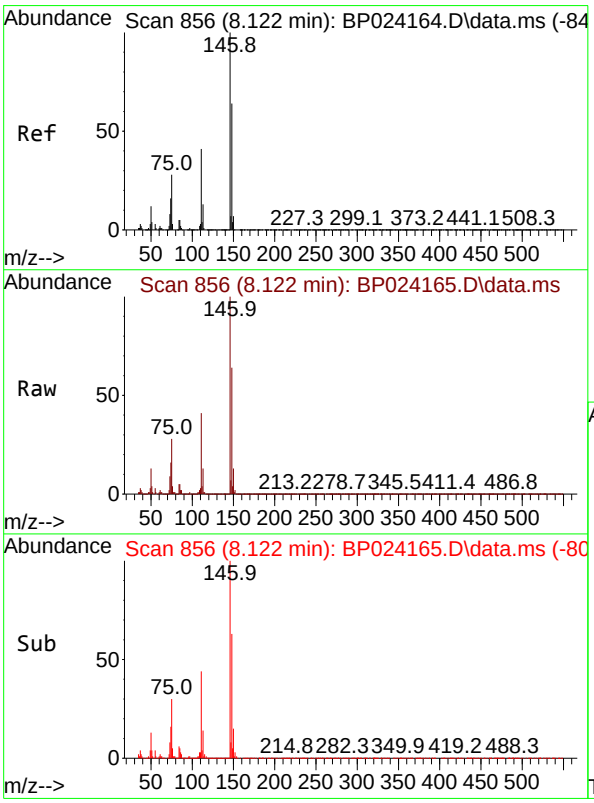
#13
1,4-Dichlorobenzene
Concen: 49.520 ng
RT: 7.810 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 1352373

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	39.5	31.4	47.2

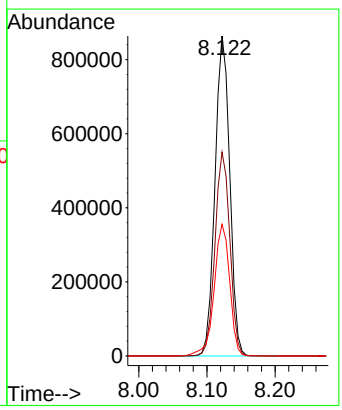


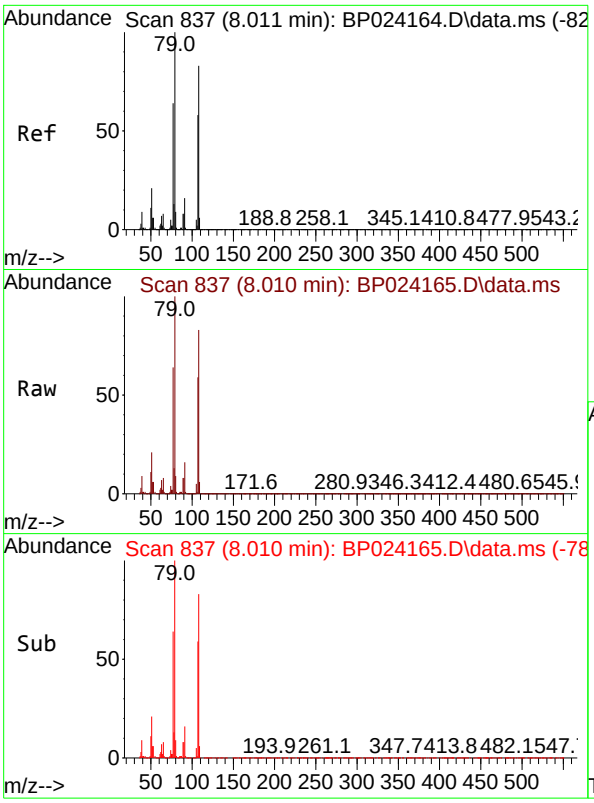


#14
1,2-Dichlorobenzene
Concen: 49.586 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:146 Resp: 1299613

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	41.2	33.2	49.8



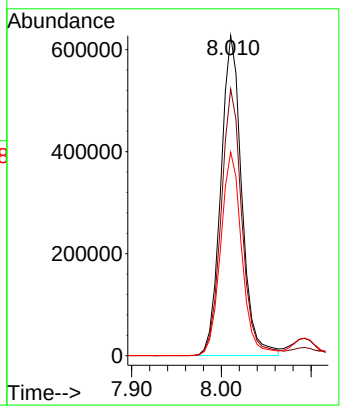


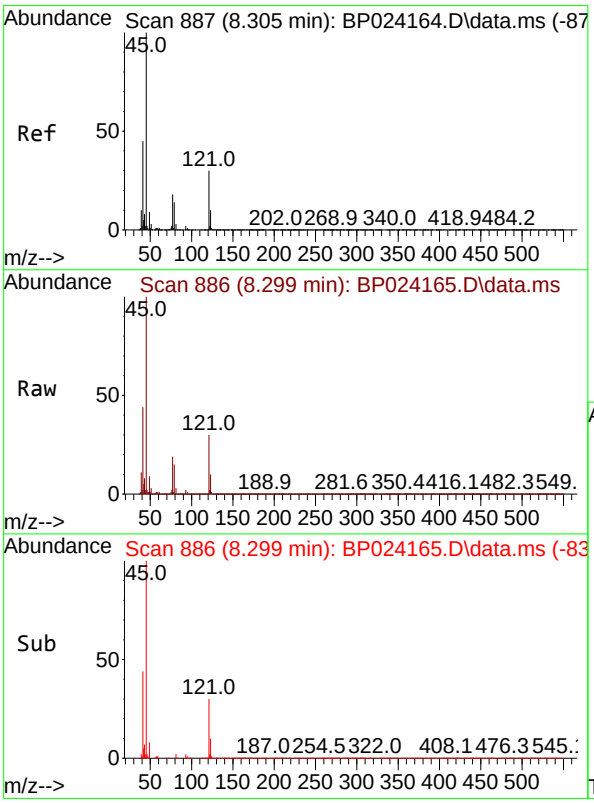
#15
Benzyl Alcohol
Concen: 55.621 ng
RT: 8.010 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1016261

Ion	Ratio	Lower	Upper
79	100		
108	83.4	66.5	99.7
77	63.7	50.9	76.3

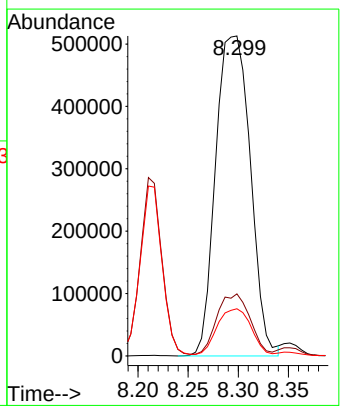


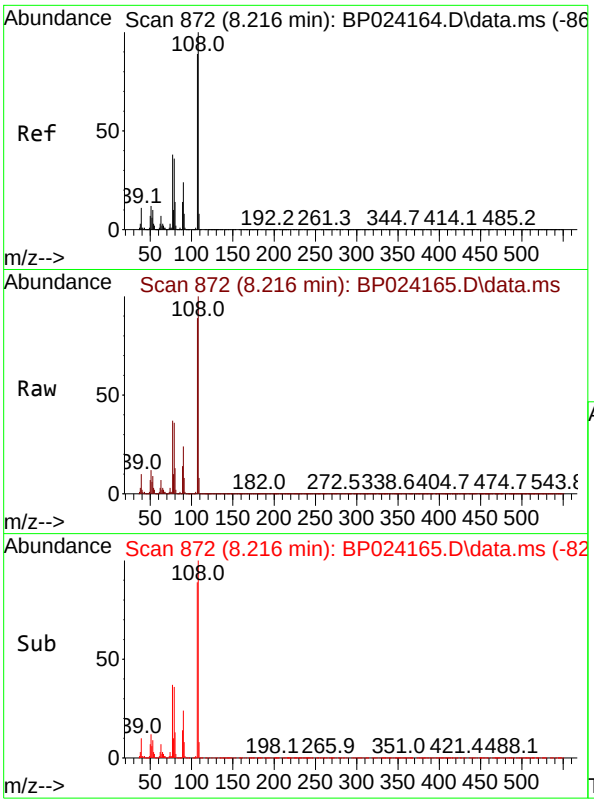


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.871 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 45 Resp: 1236313

Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	39.0
79	14.8	0.0	35.6



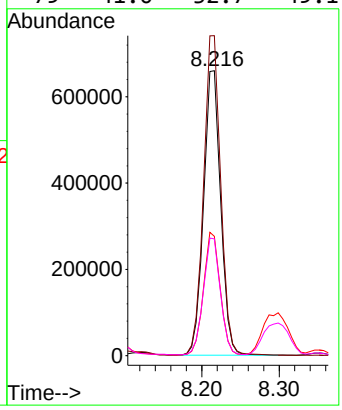


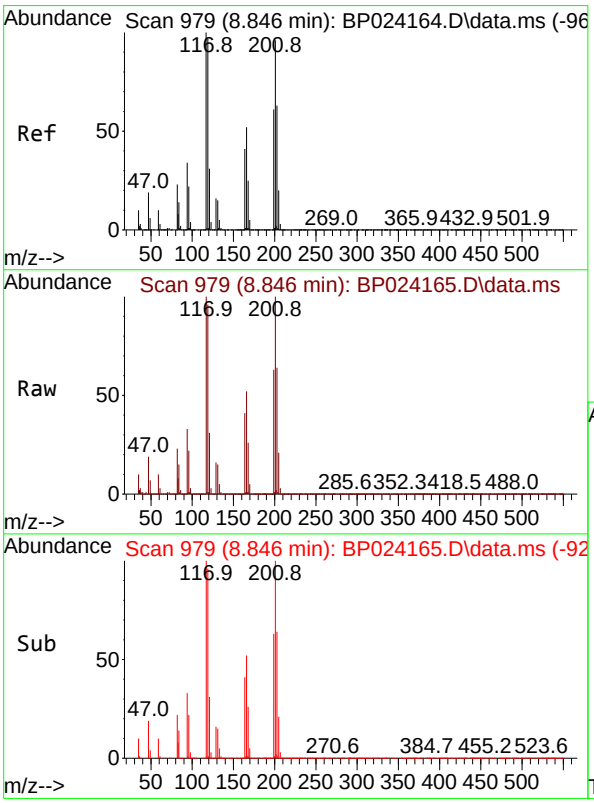
#17
2-Methylphenol
Concen: 55.257 ng
RT: 8.216 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 1010720

Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.0	135.0
77	41.9	34.0	51.0
79	41.0	32.7	49.1

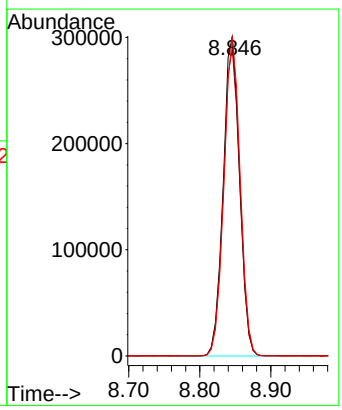


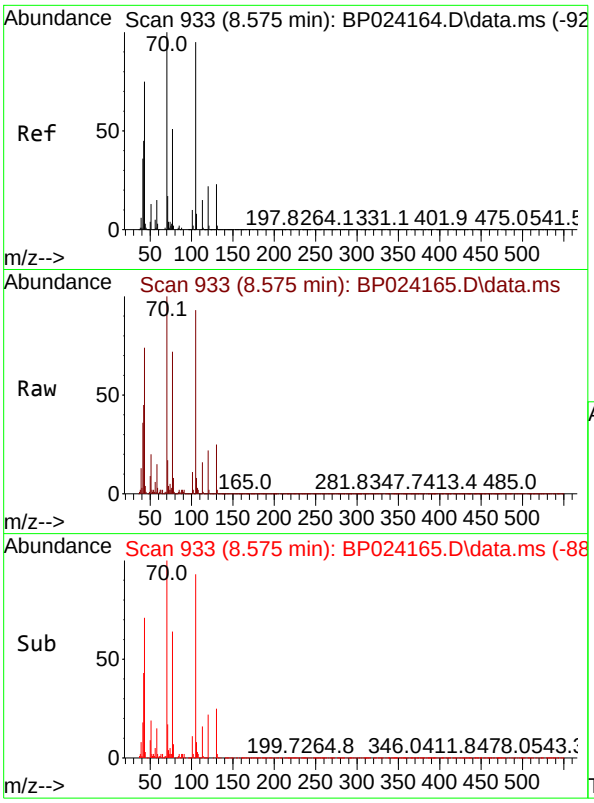


#18
Hexachloroethane
Concen: 49.052 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:117 Resp: 482437

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	100.3	76.6	114.8



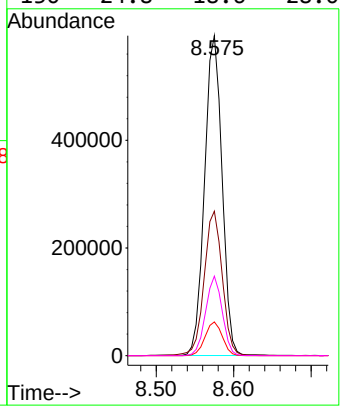


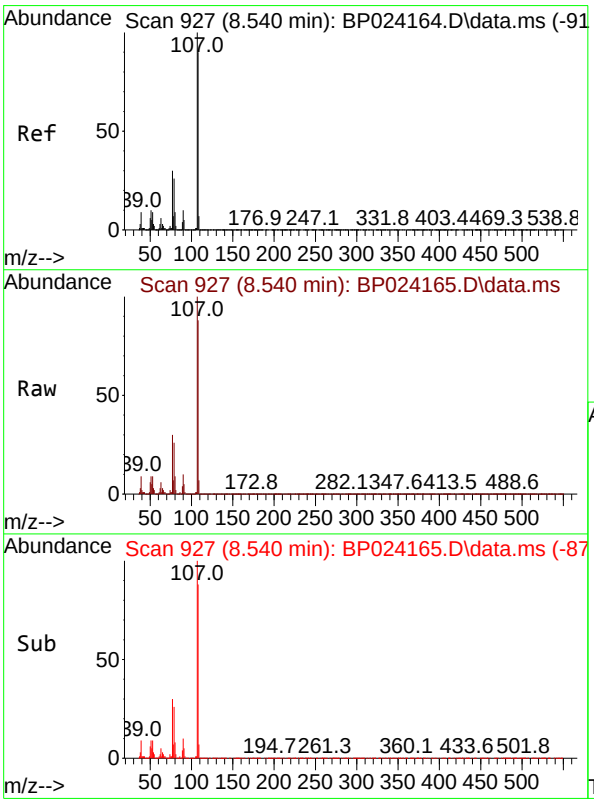
#19
n-Nitroso-di-n-propylamine
Concen: 57.939 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 929876

Ion	Ratio	Lower	Upper
70	100		
42	45.2	36.0	54.0
101	10.5	8.3	12.5
130	24.8	18.6	28.0

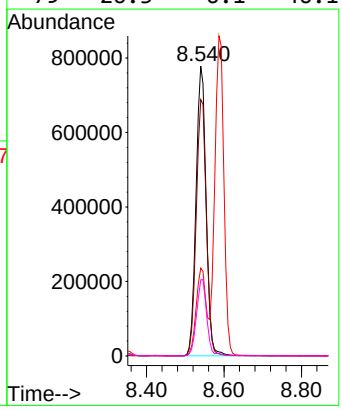


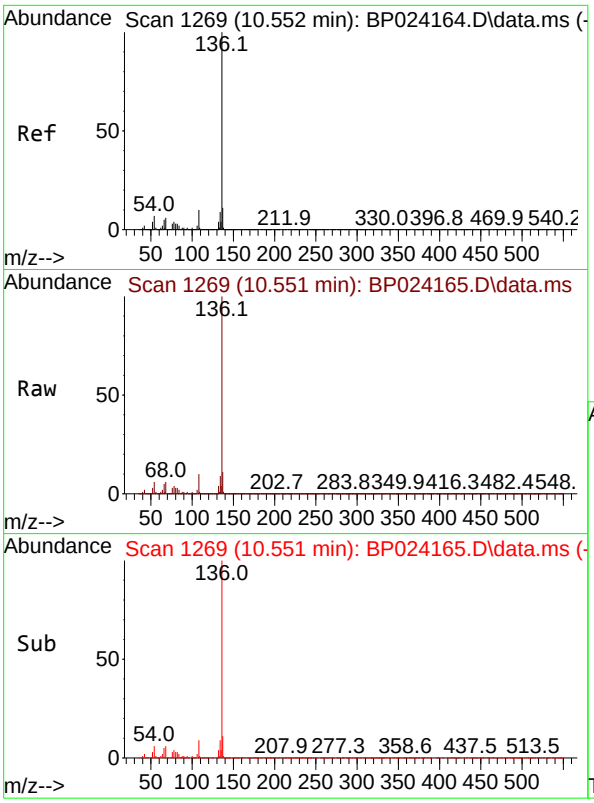


#20
3+4-Methylphenols
Concen: 56.333 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:107 Resp: 1401754

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.7	109.7
77	30.3	10.3	50.3
79	26.3	6.1	46.1



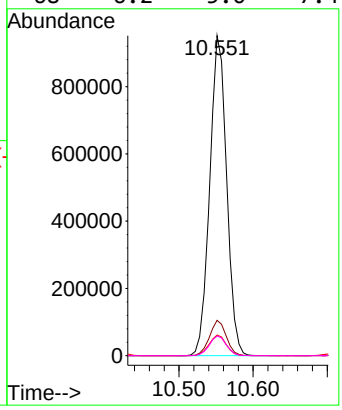


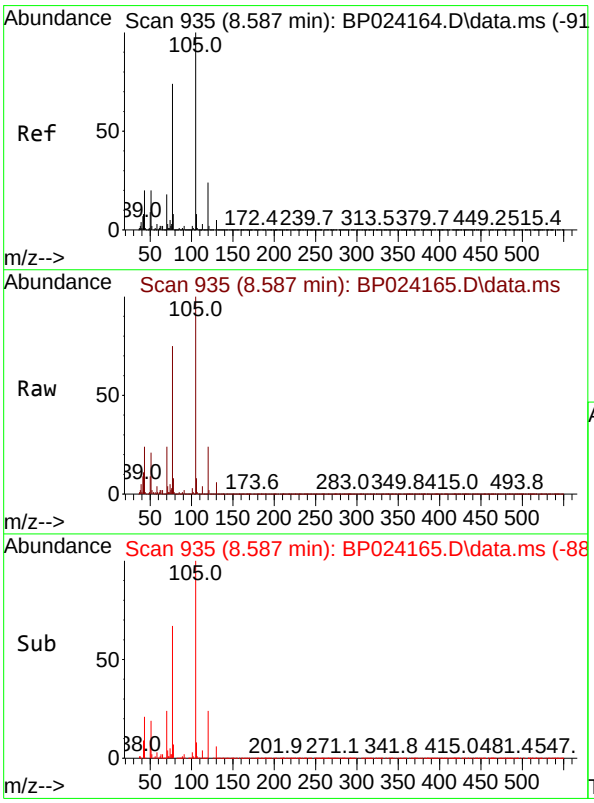
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1504882

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.4	5.3	7.9
68	6.2	5.0	7.4

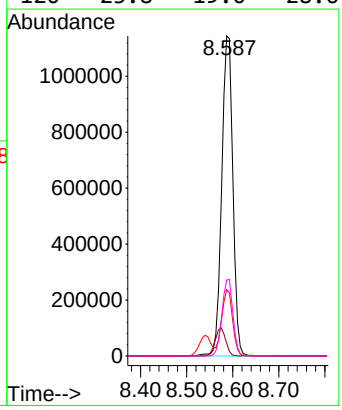


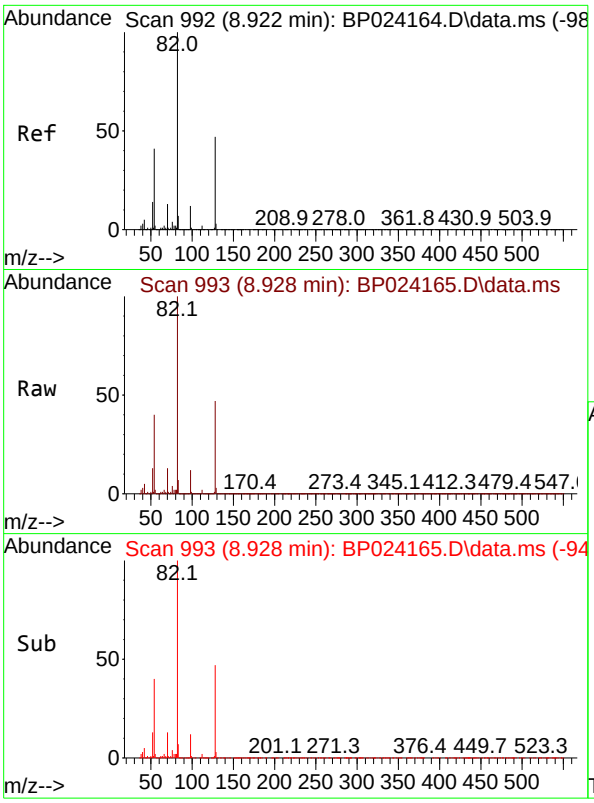


#22
Acetophenone
Concen: 49.450 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:105 Resp: 1912289

Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.4	3.6#
51	20.8	16.2	24.2
120	23.8	19.0	28.6



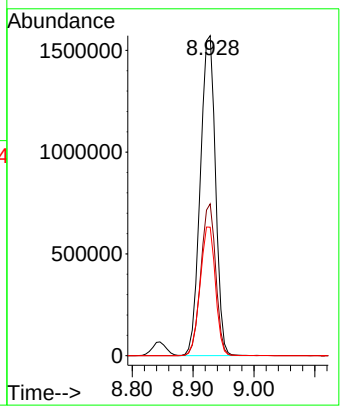


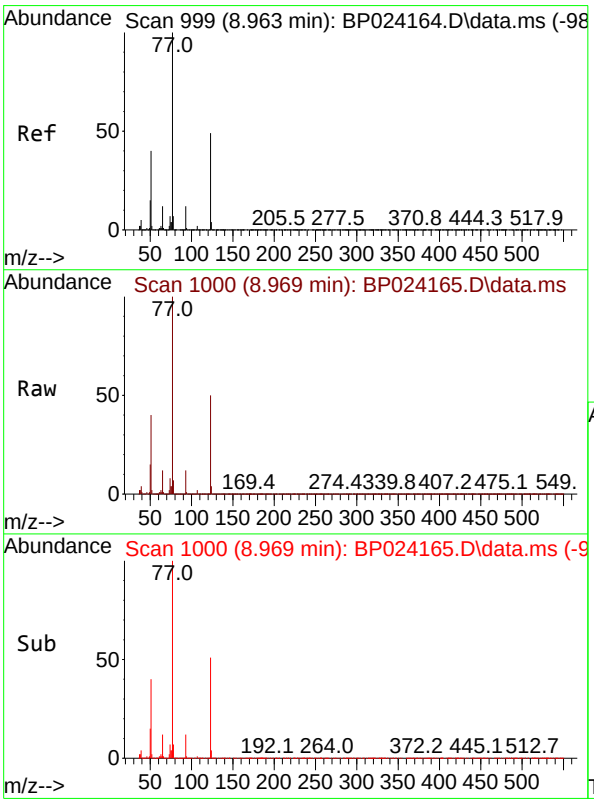
#23
Nitrobenzene-d5
Concen: 100.962 ng
RT: 8.928 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2723412

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	40.1	32.5	48.7

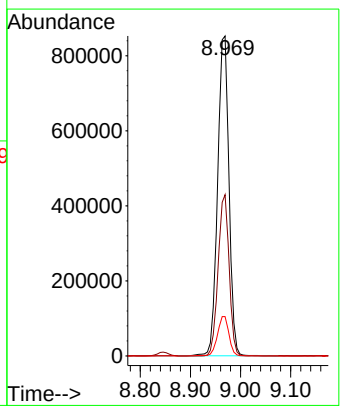


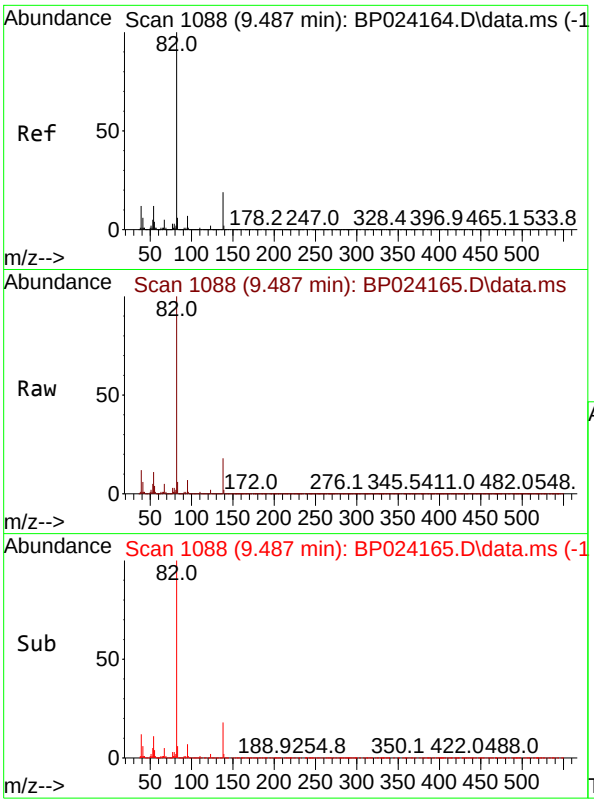


#24
Nitrobenzene
Concen: 50.299 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 77 Resp: 1335288

Ion	Ratio	Lower	Upper
77	100		
123	50.4	39.4	59.2
65	12.3	9.9	14.9



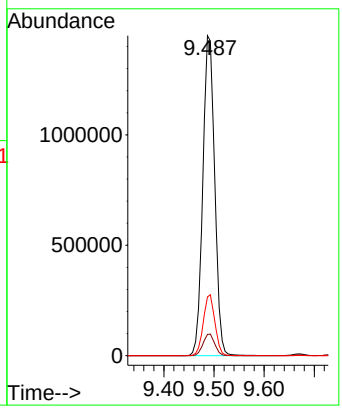


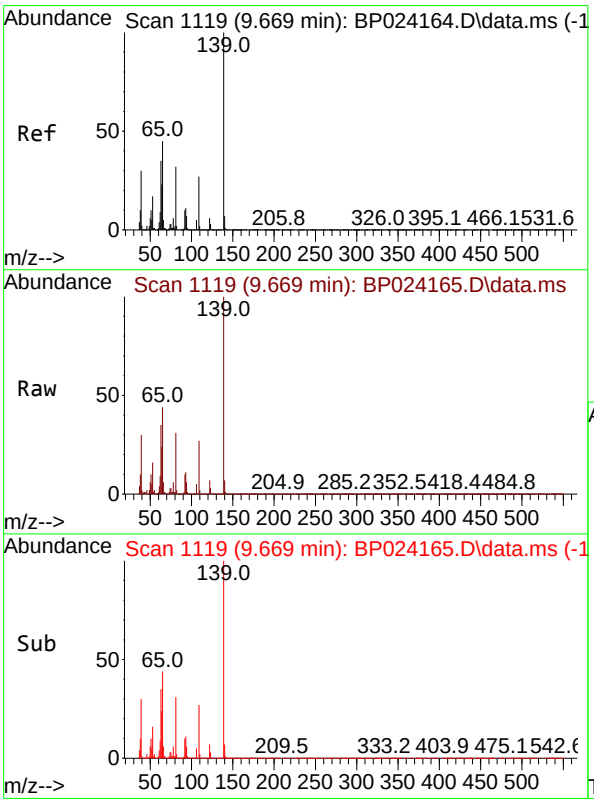
#25
Isophorone
Concen: 54.168 ng
RT: 9.487 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2389410

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.3	14.8	22.2

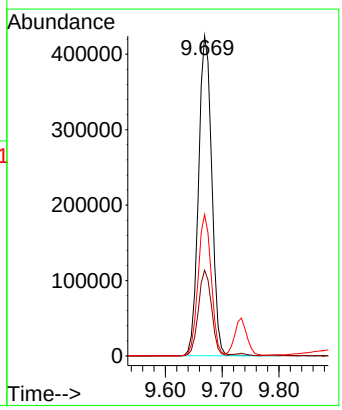


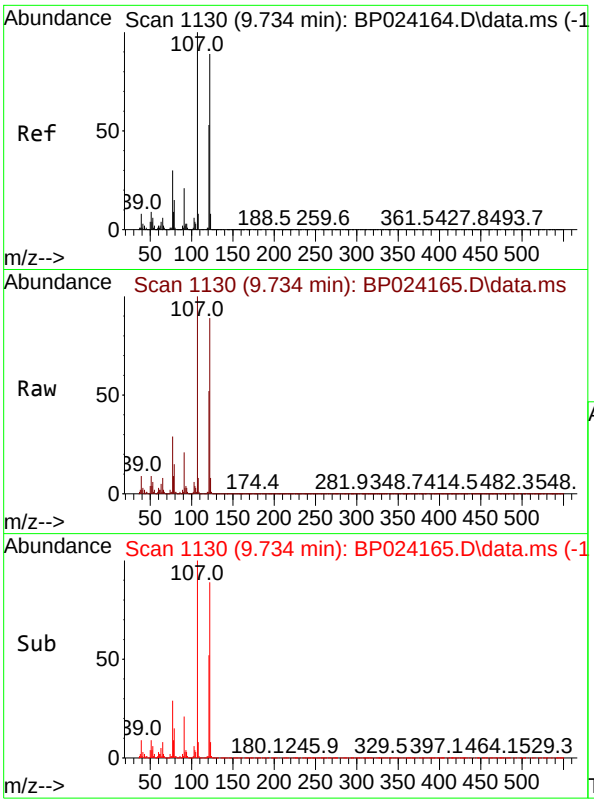


#26
2-Nitrophenol
Concen: 56.096 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:139 Resp: 686089

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.7	32.5
65	44.2	35.8	53.8



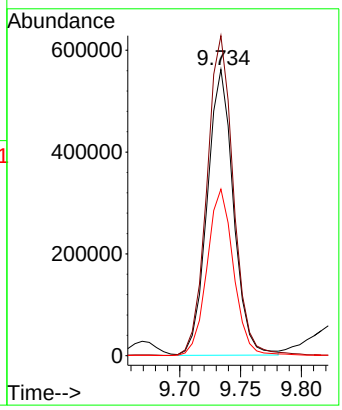


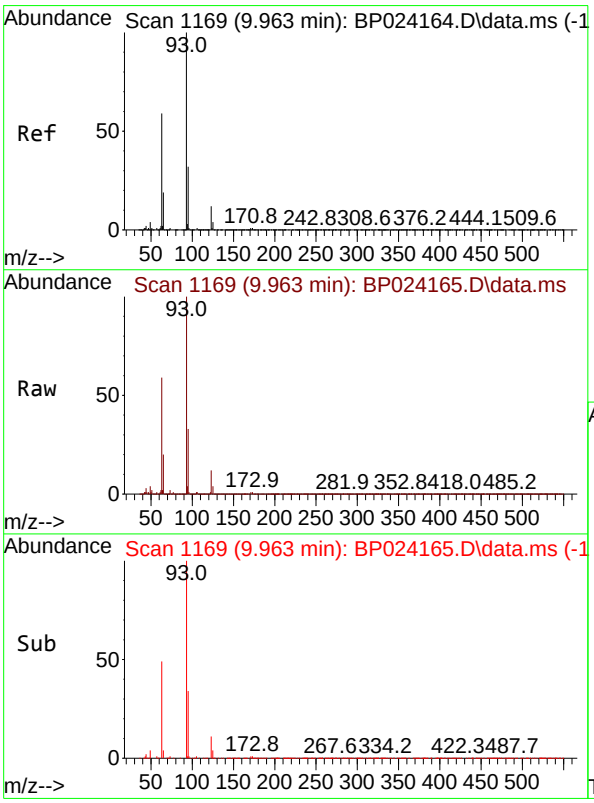
#27
2,4-Dimethylphenol
Concen: 52.362 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 840657

Ion	Ratio	Lower	Upper
122	100		
107	111.8	89.3	133.9
121	58.2	47.5	71.3

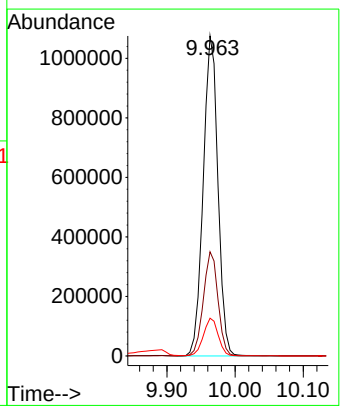


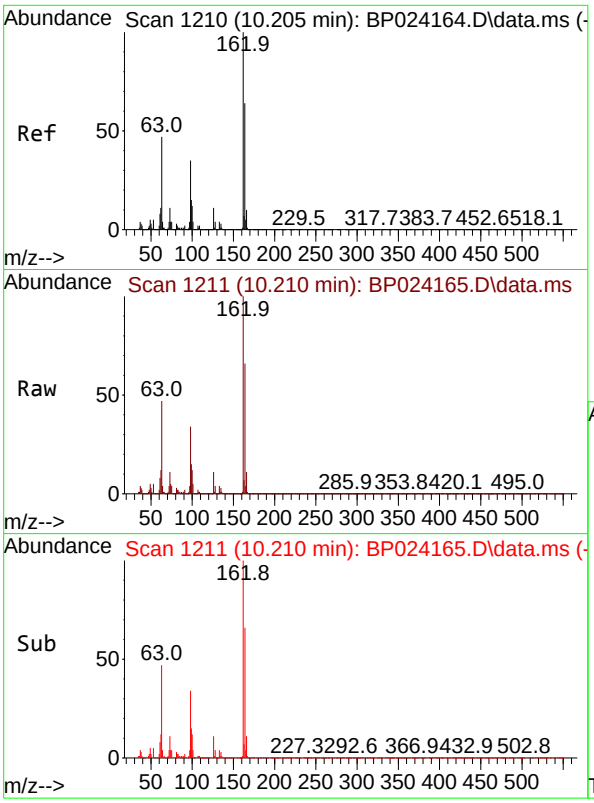


#28
bis(2-Chloroethoxy)methane
Concen: 50.476 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 93 Resp: 1612977

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	11.8	9.5	14.3



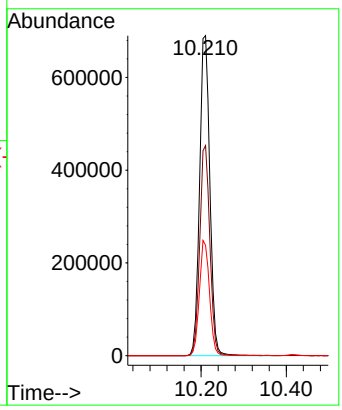


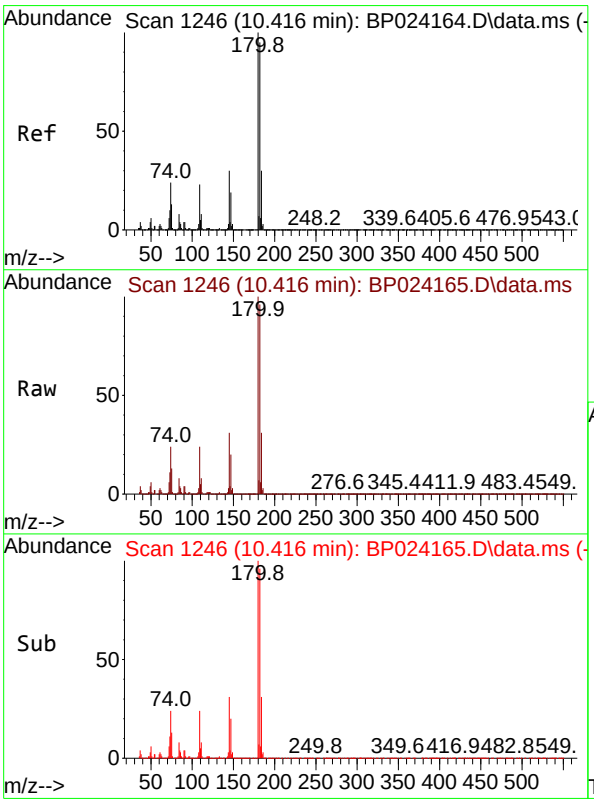
#29
2,4-Dichlorophenol
Concen: 52.591 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1152247

Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.2	84.2
98	34.5	15.1	55.1

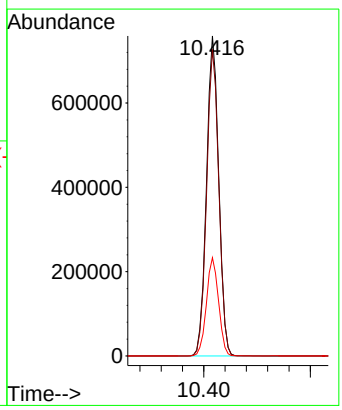


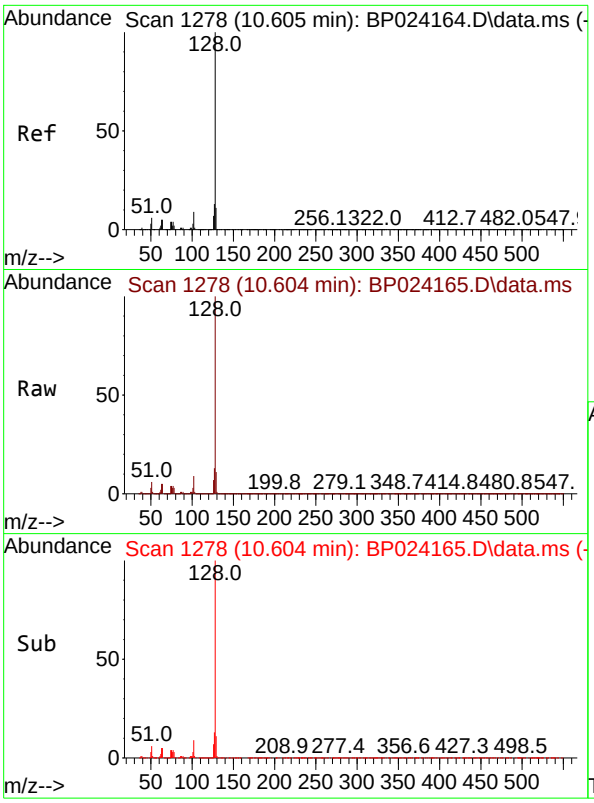


#30
1,2,4-Trichlorobenzene
Concen: 48.306 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:180 Resp: 1212617

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.1	114.1
145	30.7	24.2	36.2



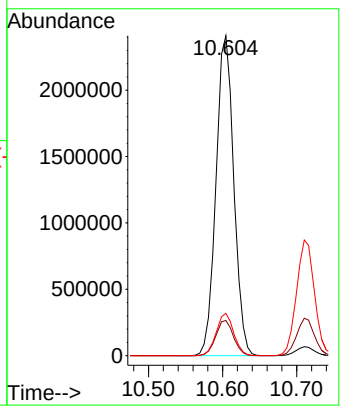


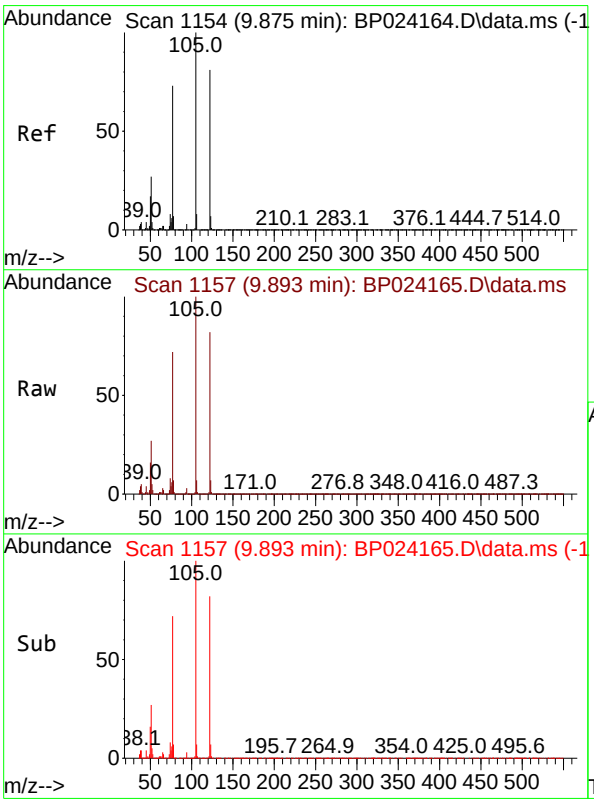
#31
Naphthalene
Concen: 49.689 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 4020722

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.4	15.6

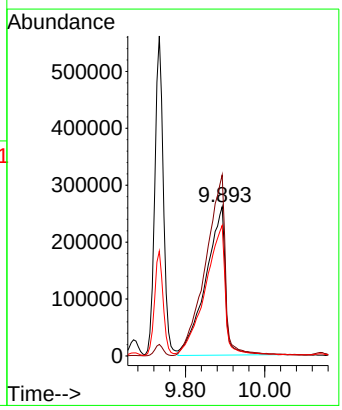


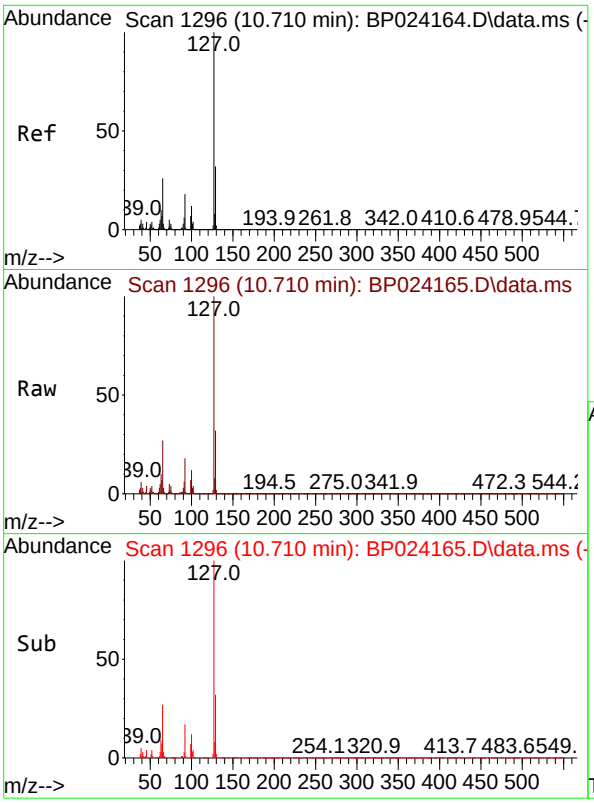


#32
Benzoic acid
Concen: 61.152 ng
RT: 9.893 min Scan# 1157
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:122 Resp: 900054

Ion	Ratio	Lower	Upper
122	100		
105	121.3	100.3	140.3
77	87.4	69.1	109.1



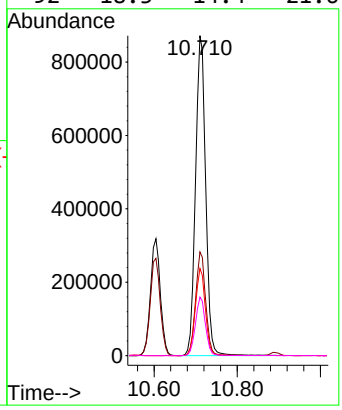


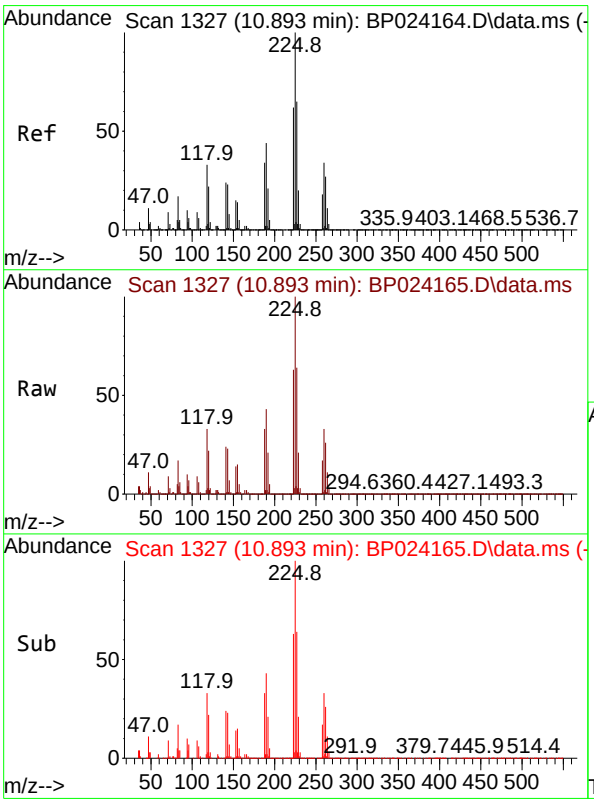
#33
4-Chloroaniline
Concen: 51.976 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1481634

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	27.3	21.2	31.8
92	18.3	14.4	21.6

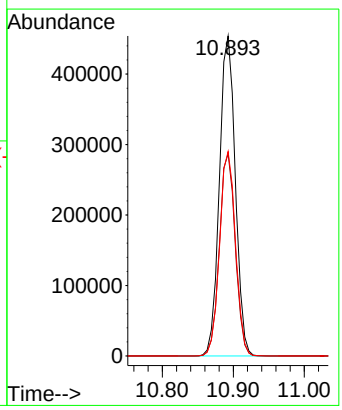


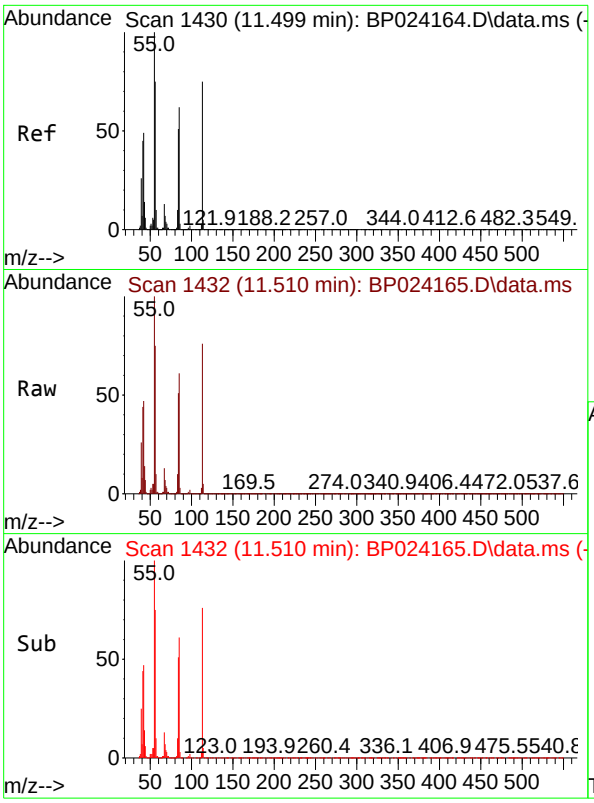


#34
Hexachlorobutadiene
Concen: 48.392 ng
RT: 10.893 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:225 Resp: 703606

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	63.9	52.2	78.2



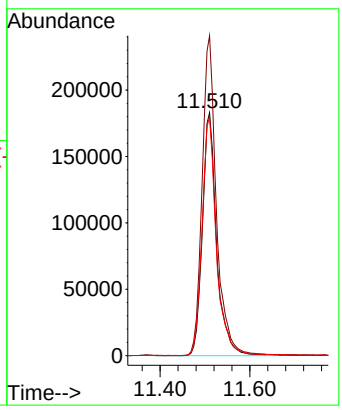


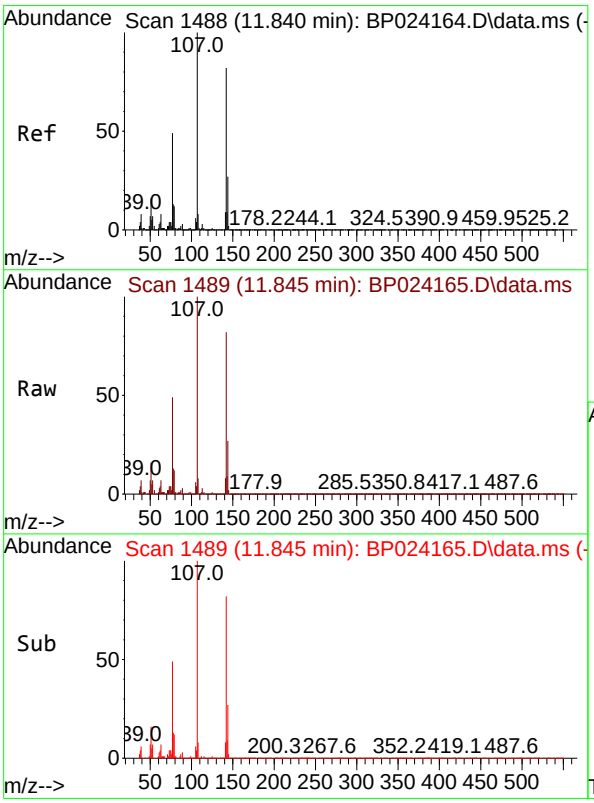
#35
Caprolactam
Concen: 60.646 ng
RT: 11.510 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 402356

Ion	Ratio	Lower	Upper
113	100		
55	131.8	113.6	153.6
56	98.2	80.0	120.0

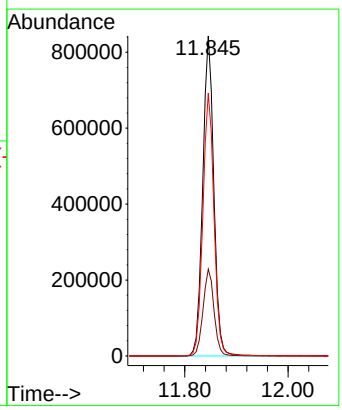


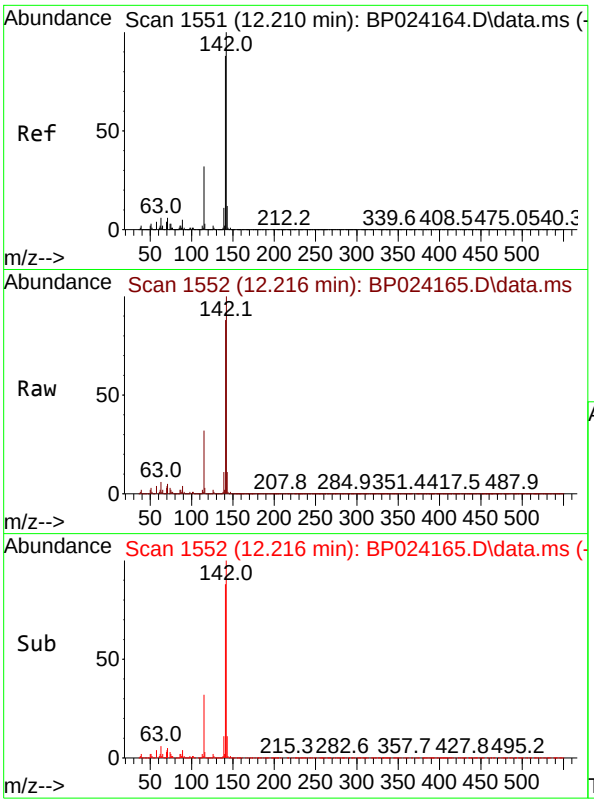


#36
4-Chloro-3-methylphenol
Concen: 55.551 ng
RT: 11.845 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:107 Resp: 1251209

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.6	32.4
142	82.1	65.4	98.0



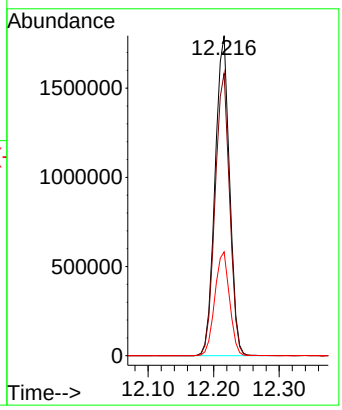


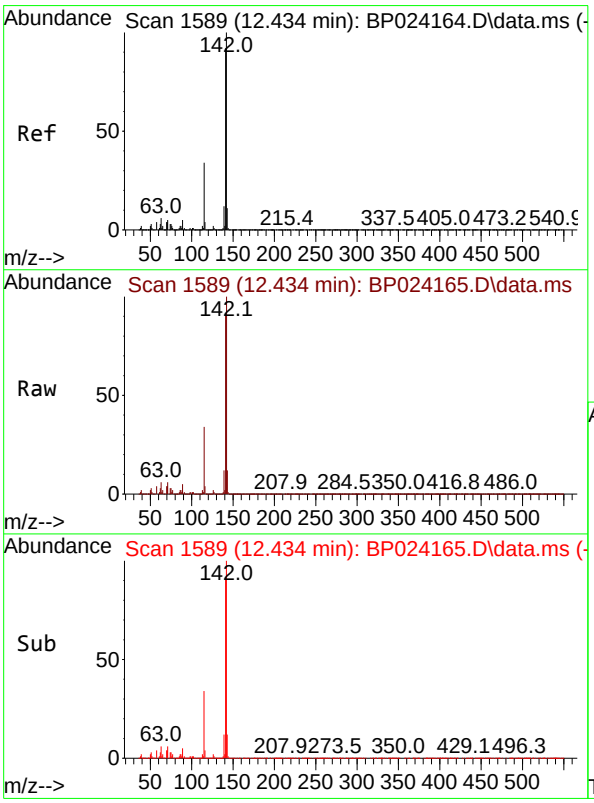
#37
2-Methylnaphthalene
Concen: 51.131 ng
RT: 12.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2749915

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	32.4	26.0	39.0

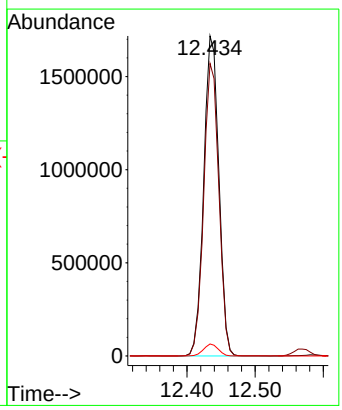


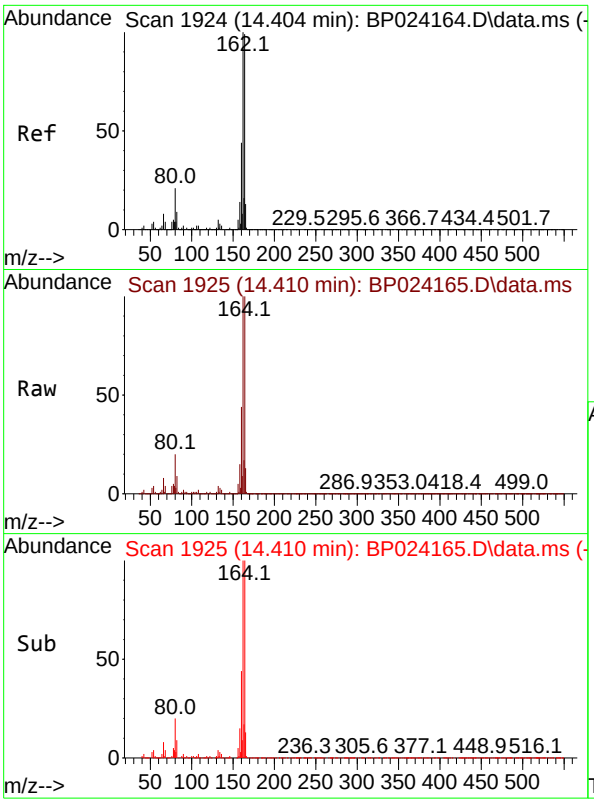


#38
1-Methylnaphthalene
Concen: 50.600 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:142 Resp: 2647375

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.7	2.8	4.2



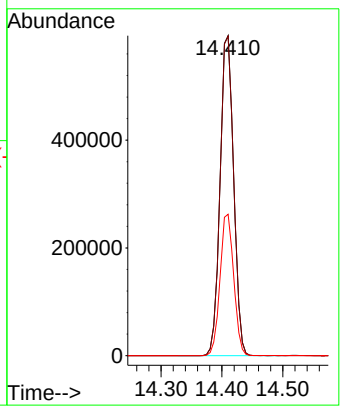


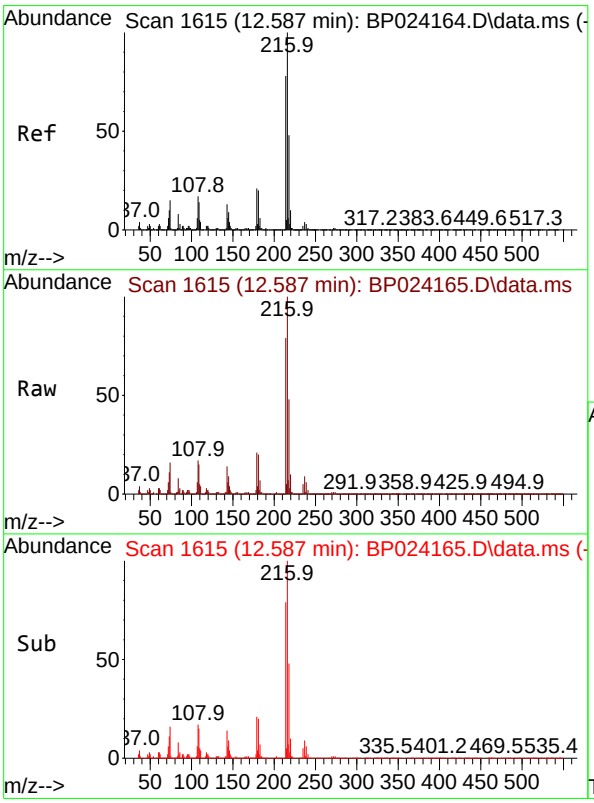
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 918204

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	44.2	35.4	53.2

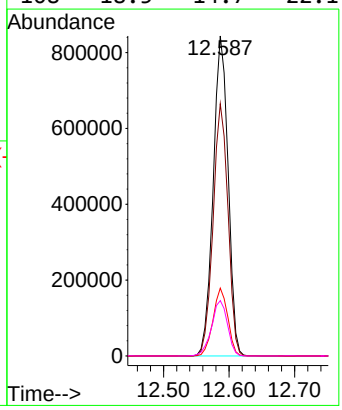


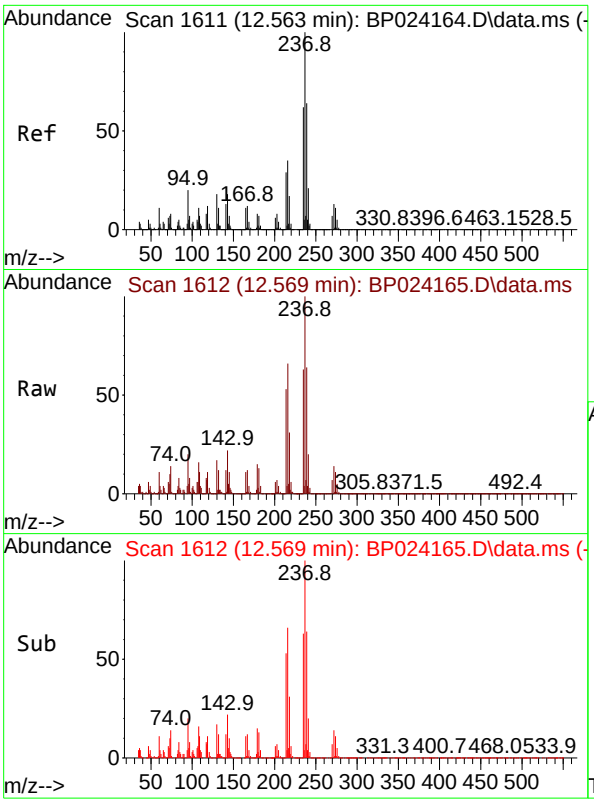


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.188 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:216 Resp: 1331287

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	20.9	16.8	25.2
108	18.5	14.7	22.1



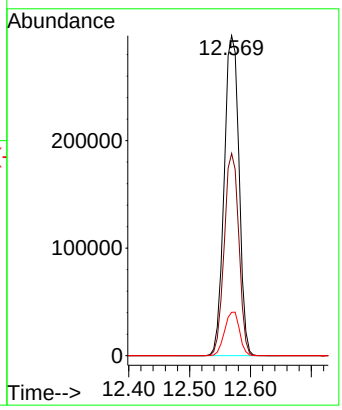


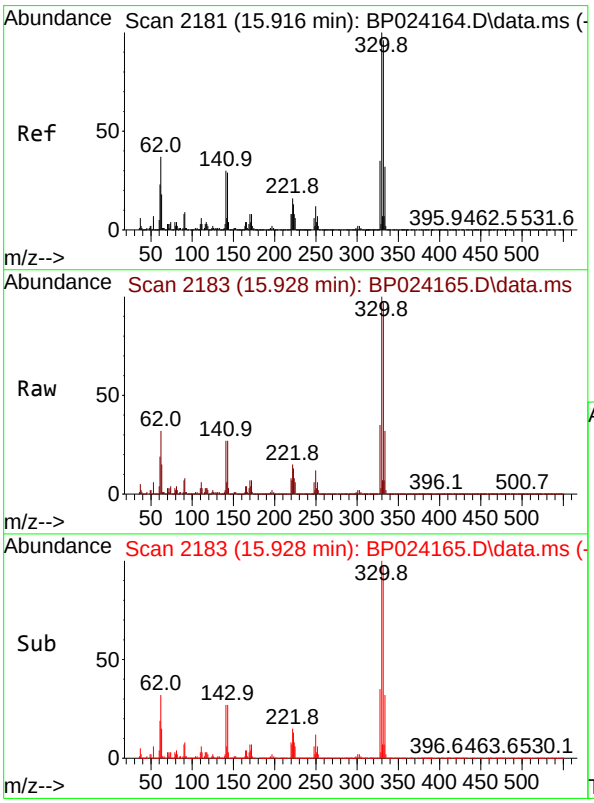
#41
Hexachlorocyclopentadiene
Concen: 47.999 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 503901

Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.8	81.8
272	13.5	0.0	33.5

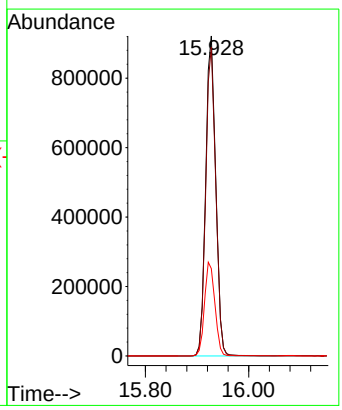


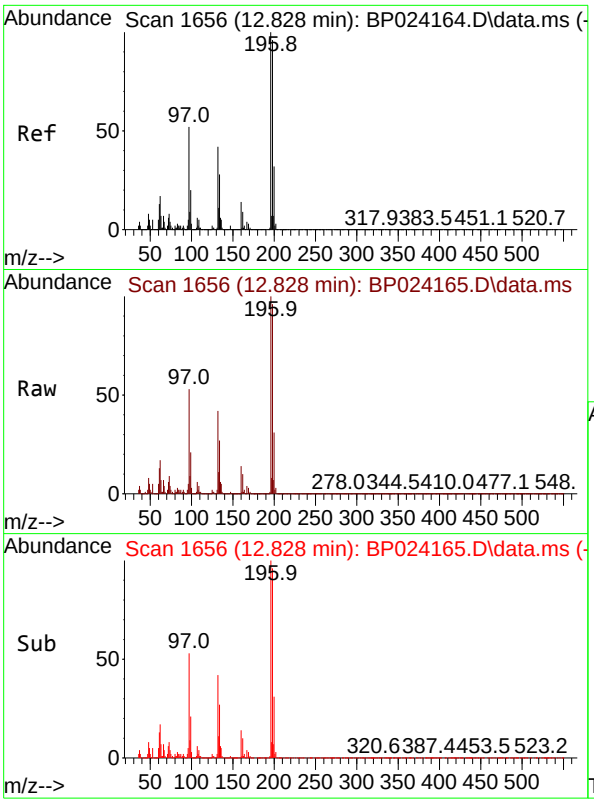


#42
2,4,6-Tribromophenol
Concen: 110.267 ng
RT: 15.928 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:330 Resp: 1240173

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	30.3	25.0	37.6



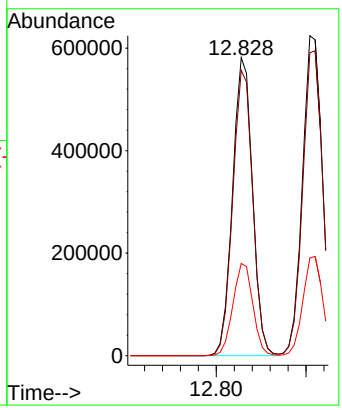


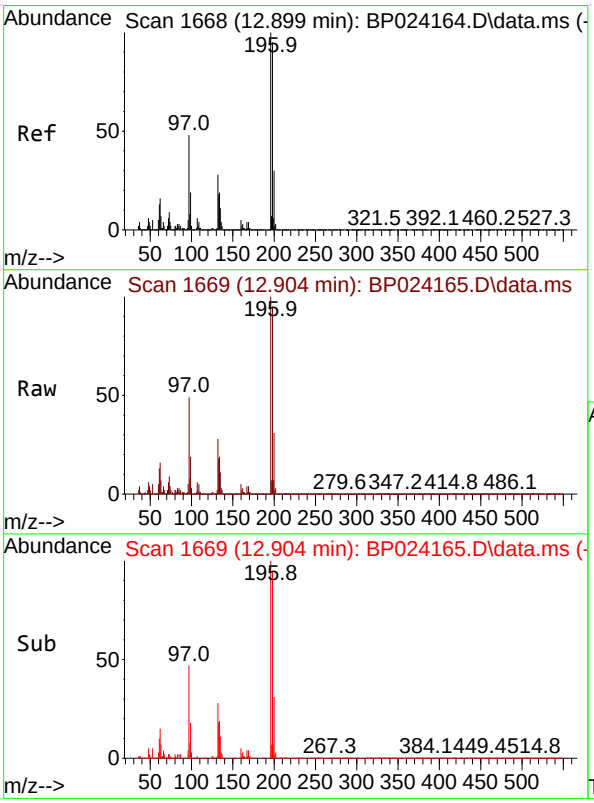
#43
2,4,6-Trichlorophenol
Concen: 52.112 ng
RT: 12.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 896606

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	115.0
200	30.9	25.4	38.0

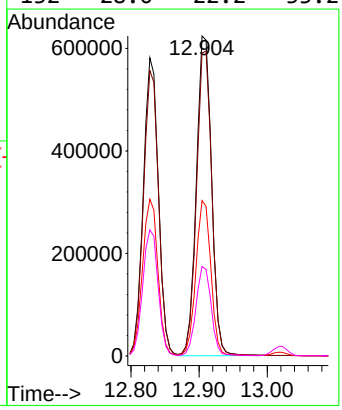


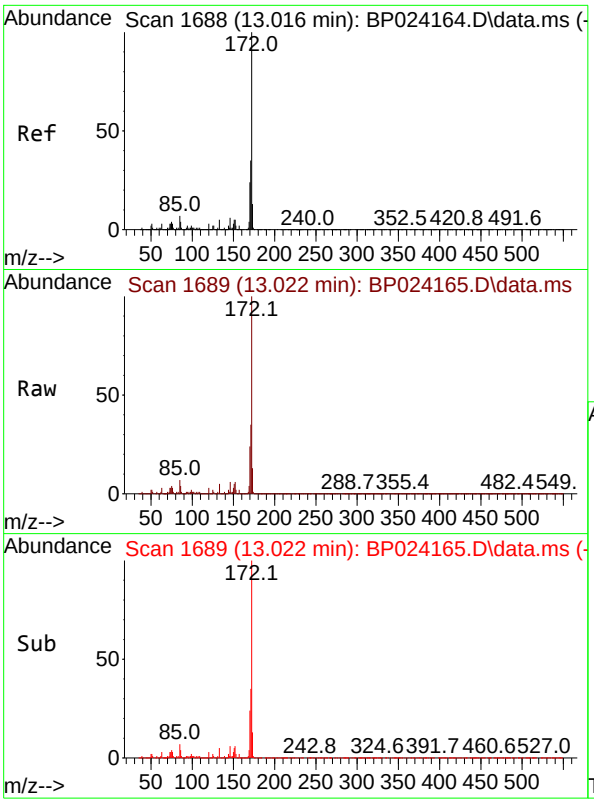


#44
2,4,5-Trichlorophenol
Concen: 51.517 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:196 Resp: 969372

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.5	114.7
97	48.5	38.7	58.1
132	28.0	22.2	33.2



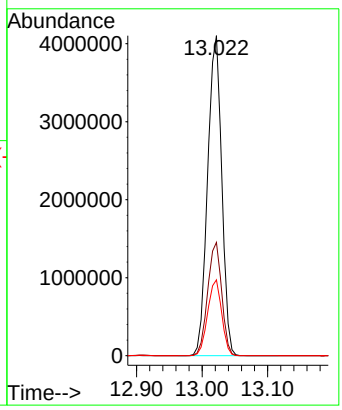


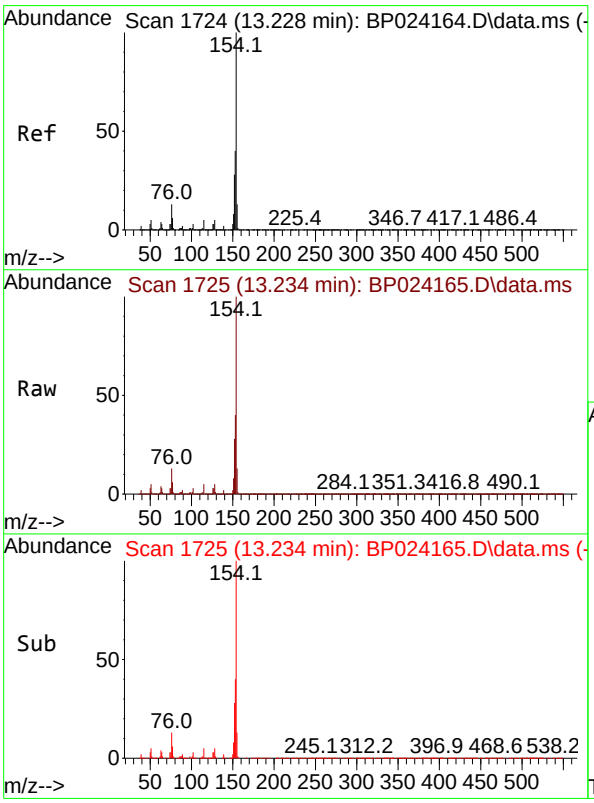
#45
2-Fluorobiphenyl
Concen: 93.318 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 6129086

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.7	19.0	28.4

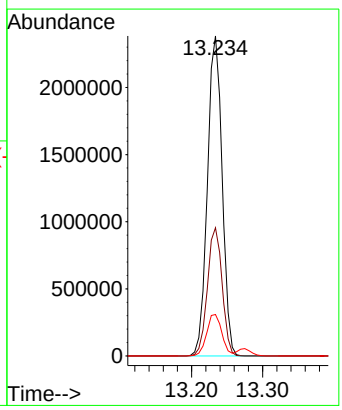


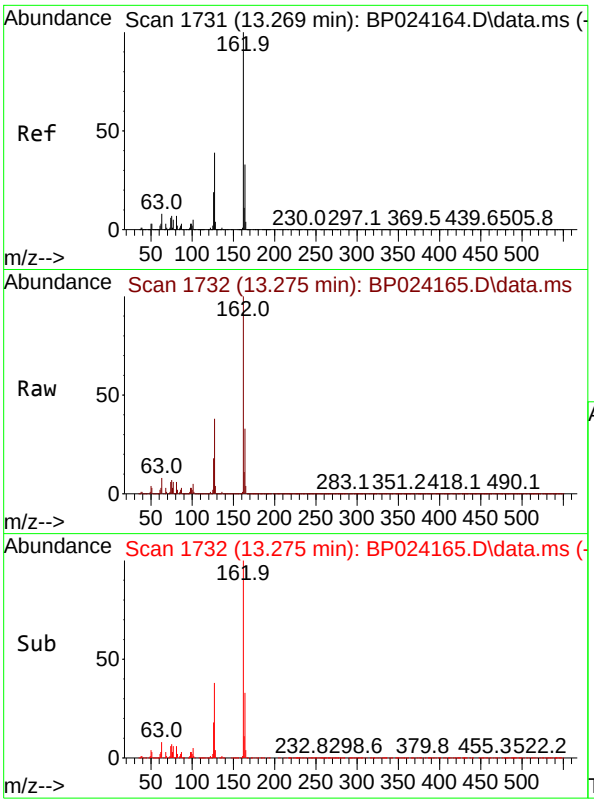


#46
1,1'-Biphenyl
Concen: 48.043 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:154 Resp: 3427883

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	12.9	0.0	32.9



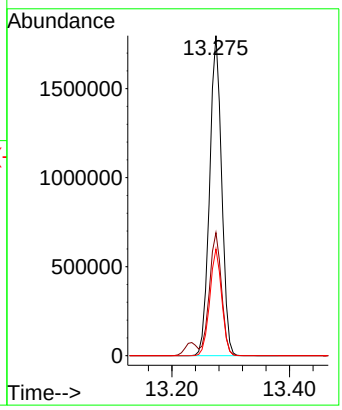


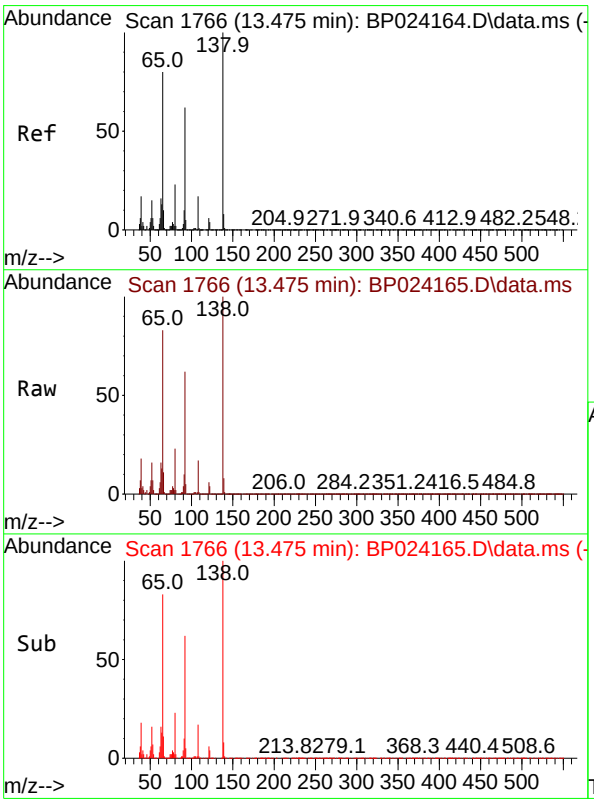
#47
2-Chloronaphthalene
Concen: 47.446 ng
RT: 13.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2559098

Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.5	47.3
164	33.3	26.6	39.8

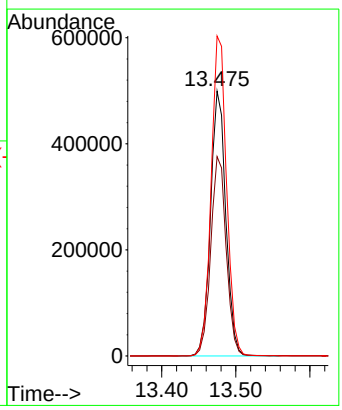


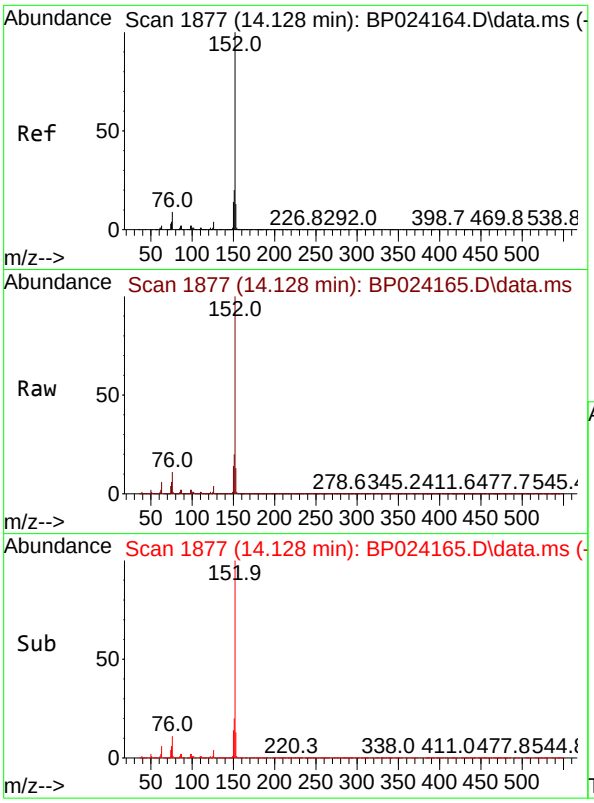


#48
2-Nitroaniline
Concen: 56.066 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 65 Resp: 714343

Ion	Ratio	Lower	Upper
65	100		
92	75.3	62.1	93.1
138	120.9	99.5	149.3



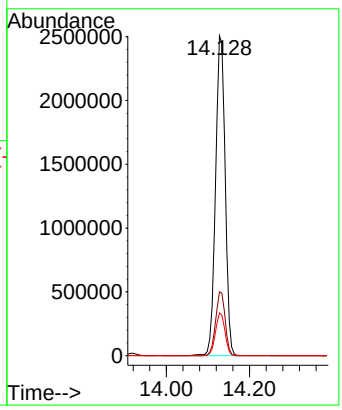


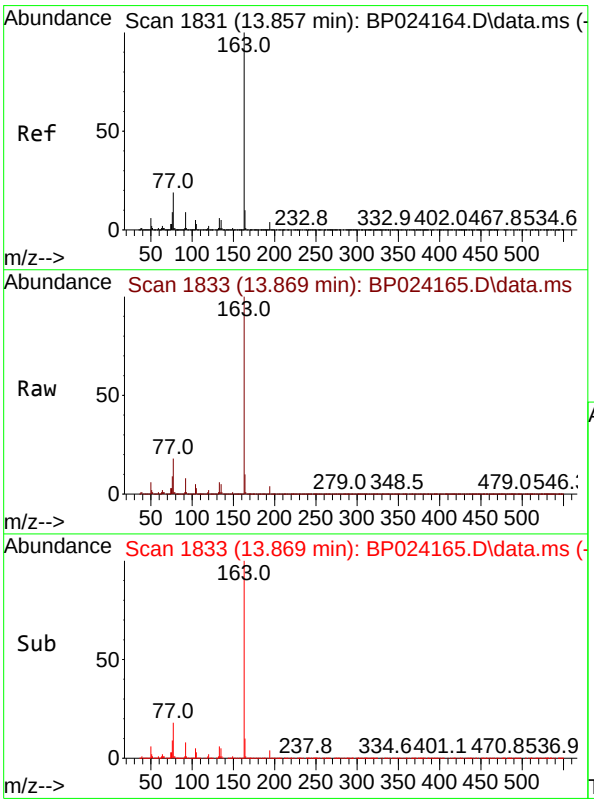
#49
Acenaphthylene
Concen: 50.533 ng
RT: 14.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 4015684

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.3	10.6	15.8

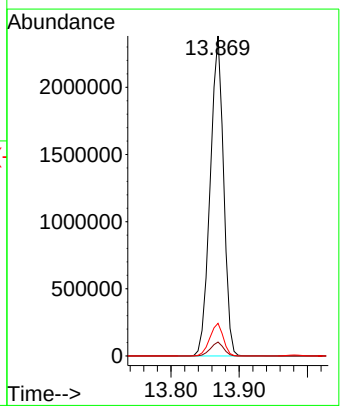


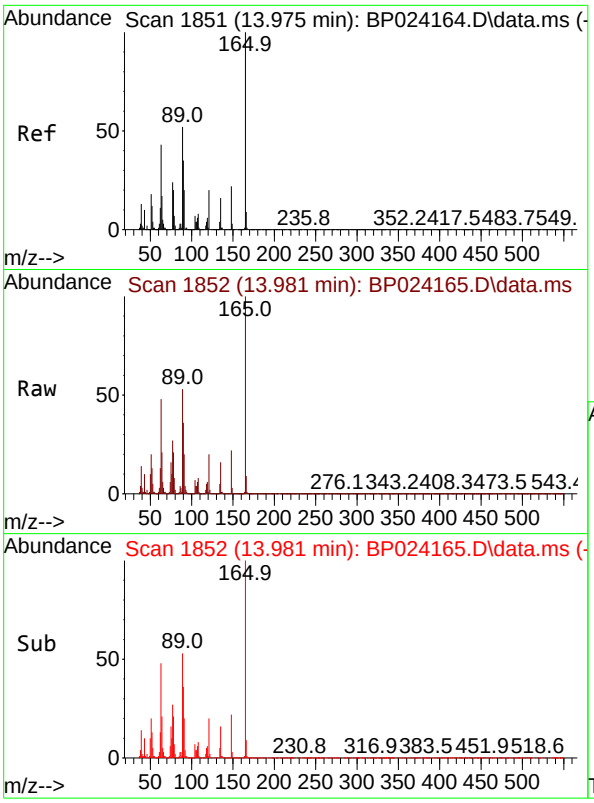


#50
Dimethylphthalate
Concen: 50.224 ng
RT: 13.869 min Scan# 1833
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:163 Resp: 3252950

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.2	12.4



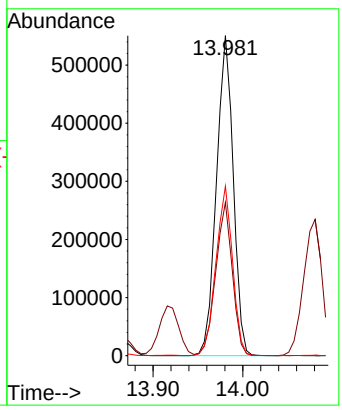


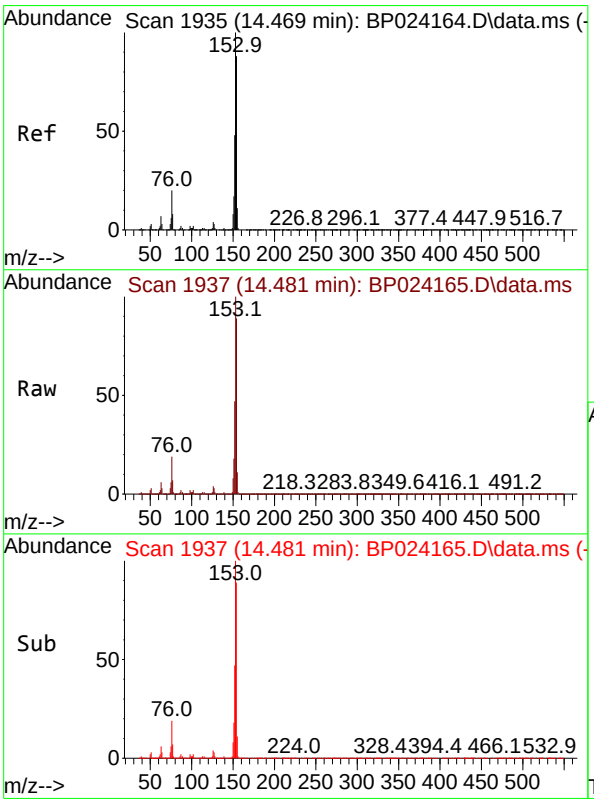
#51
2,6-Dinitrotoluene
Concen: 54.206 ng
RT: 13.981 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 715171

Ion	Ratio	Lower	Upper
165	100		
63	47.9	37.7	56.5
89	53.0	41.9	62.9

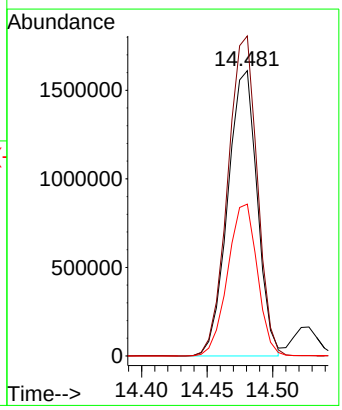


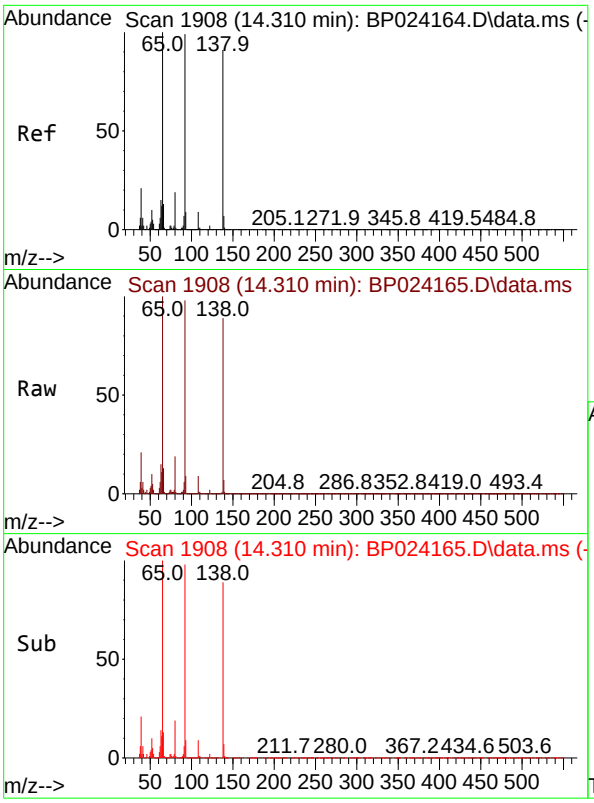


#52
Acenaphthene
Concen: 49.182 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:154 Resp: 2516832

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.5	135.7
152	53.2	43.1	64.7



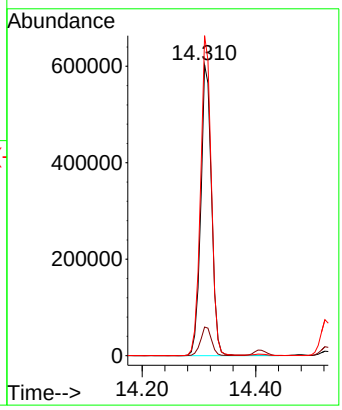


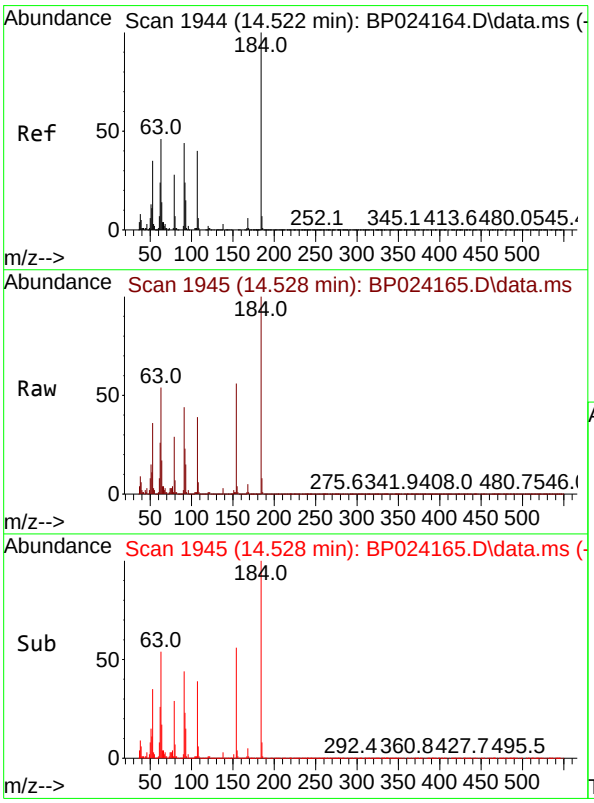
#53
3-Nitroaniline
Concen: 56.128 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 790217

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.2
92	110.1	86.7	130.1

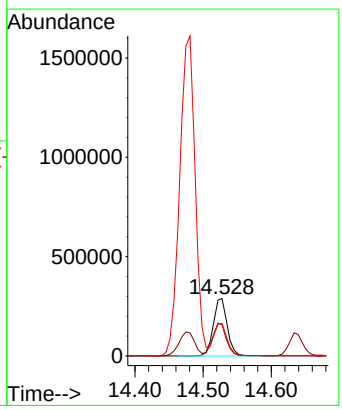


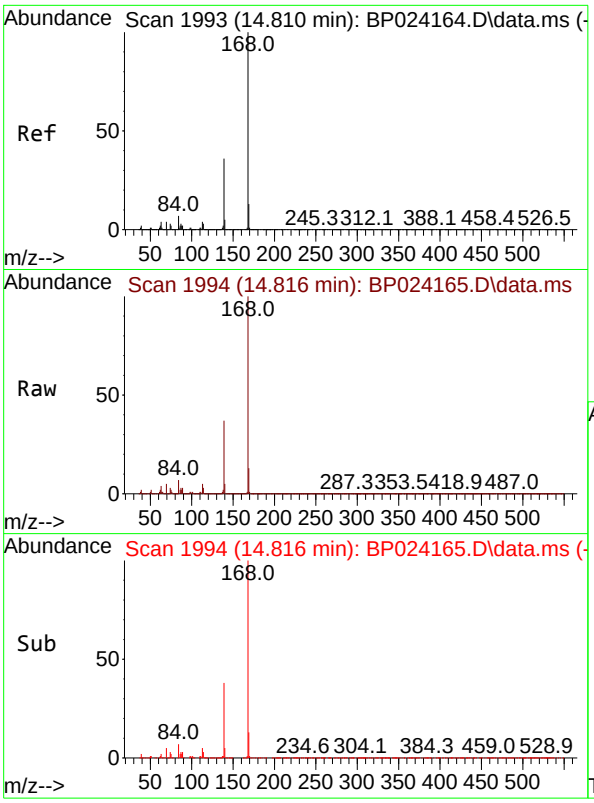


#54
2,4-Dinitrophenol
Concen: 58.439 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:184 Resp: 410616

Ion	Ratio	Lower	Upper
184	100		
63	53.9	42.1	63.1
154	56.4	44.6	67.0



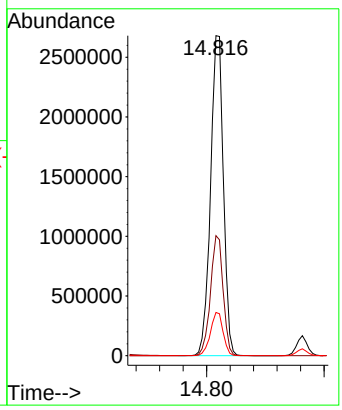


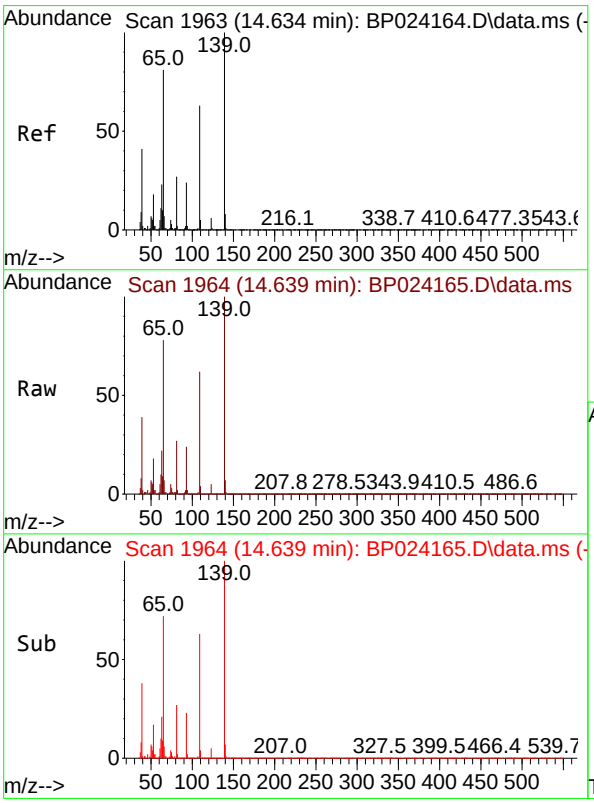
#55
Dibenzofuran
Concen: 48.816 ng
RT: 14.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 4058172

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.1	43.7
169	13.5	10.8	16.2

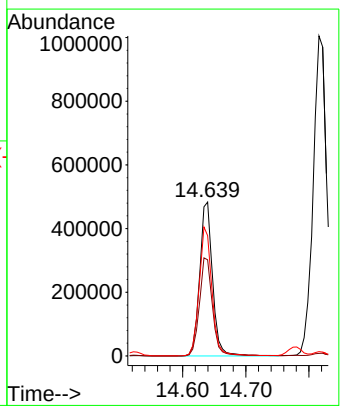


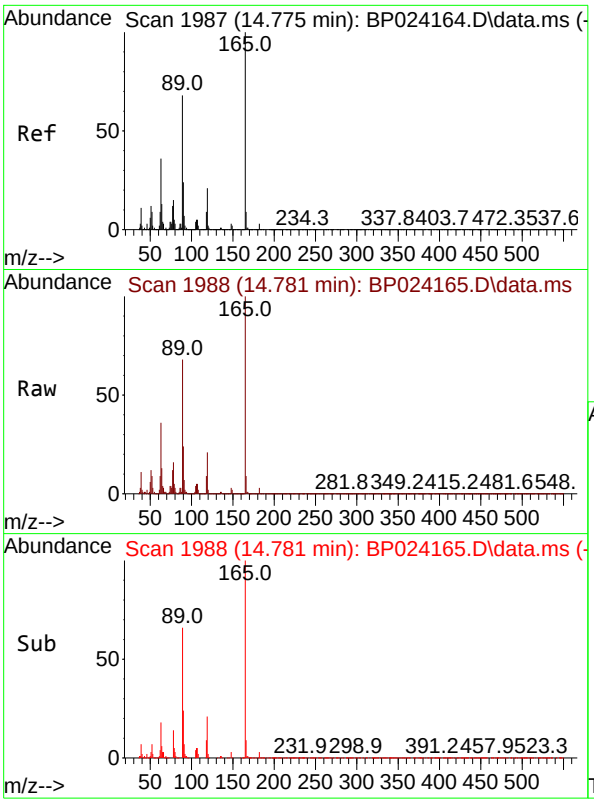


#56
4-Nitrophenol
Concen: 56.382 ng
RT: 14.639 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:139 Resp: 685687

Ion	Ratio	Lower	Upper
139	100		
109	62.5	43.3	83.3
65	78.1	61.2	101.2



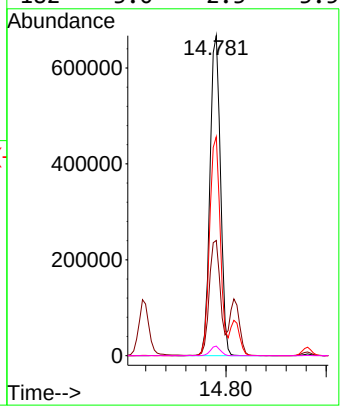


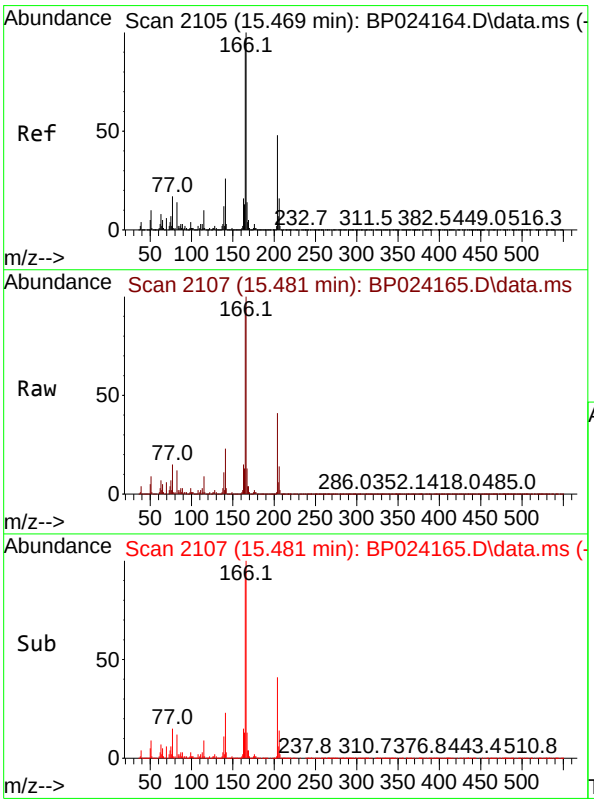
#57
2,4-Dinitrotoluene
Concen: 56.659 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 971087

Ion	Ratio	Lower	Upper
165	100		
63	36.0	29.0	43.6
89	68.4	54.2	81.4
182	3.0	2.3	3.5

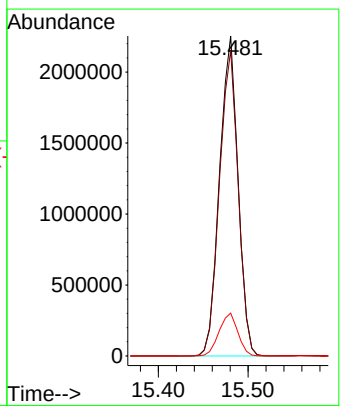


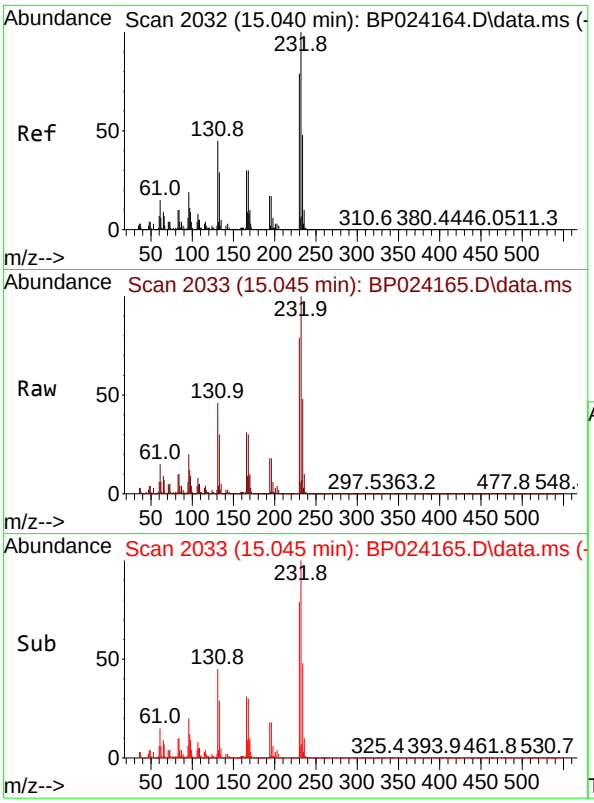


#58
Fluorene
Concen: 49.759 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:166 Resp: 3230571

Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.6	116.4
167	13.4	10.8	16.2



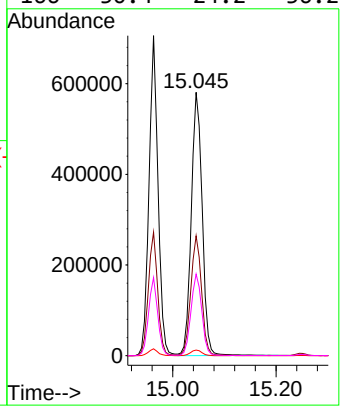


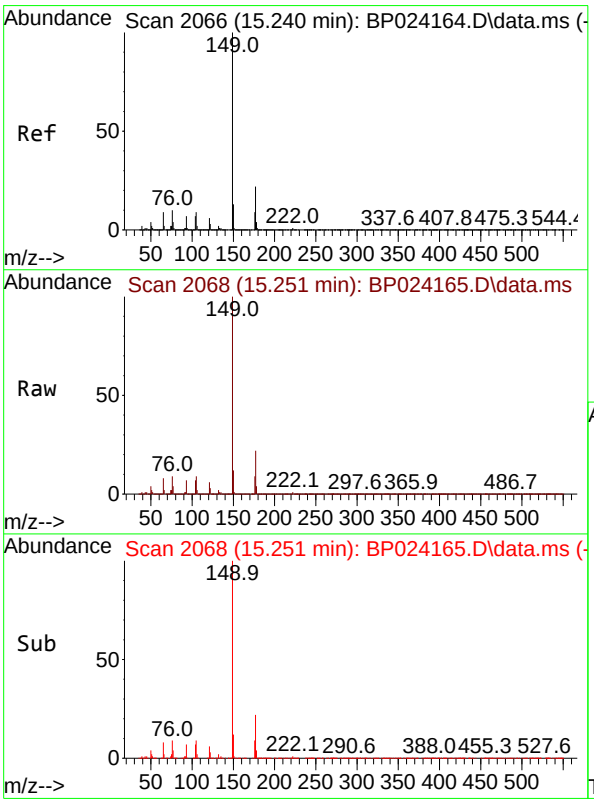
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.152 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 851401

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.2	1.8	2.6
166	30.4	24.2	36.2

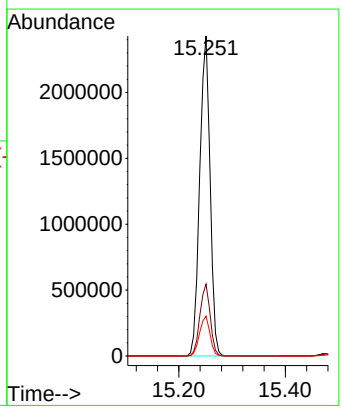


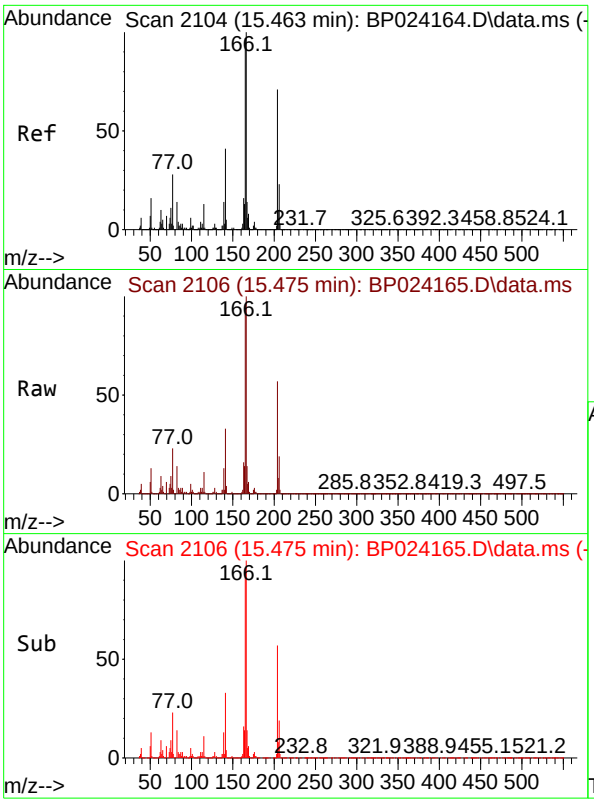


#60
Diethylphthalate
Concen: 50.786 ng
RT: 15.251 min Scan# 2068
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 3265289

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.5	10.2	15.4



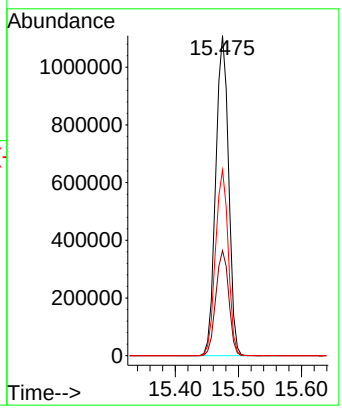


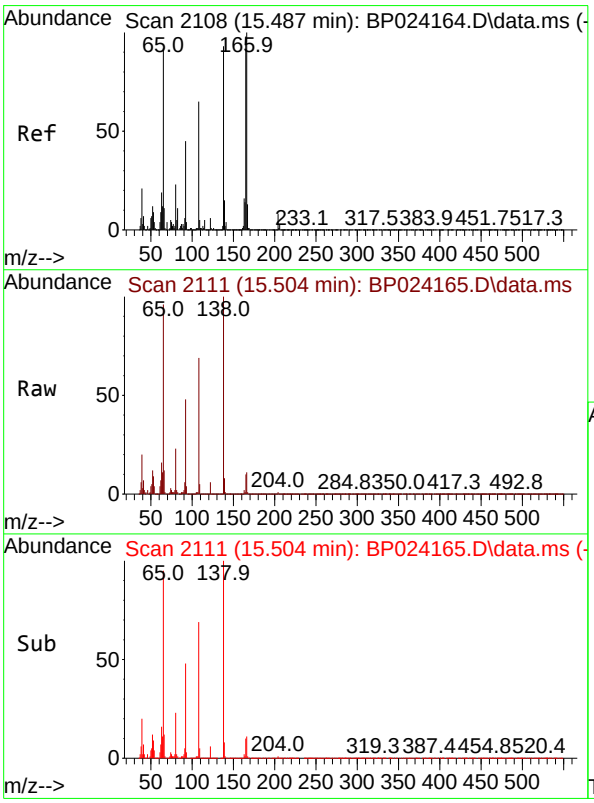
#61
4-Chlorophenyl-phenylether
Concen: 49.216 ng
RT: 15.475 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1572773

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	58.0	45.8	68.8

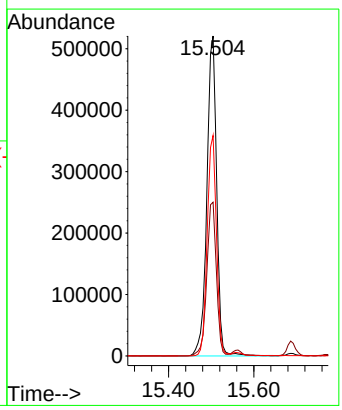


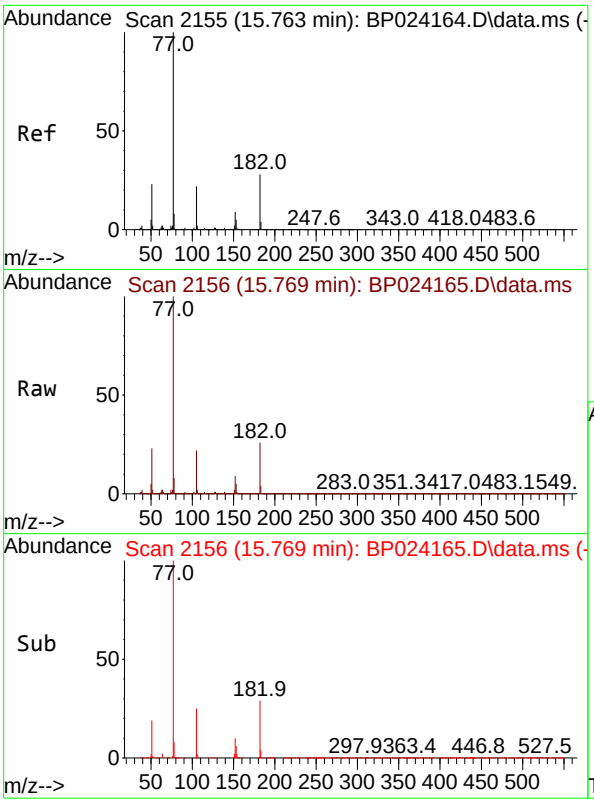


#62
4-Nitroaniline
Concen: 56.889 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:138 Resp: 831169

Ion	Ratio	Lower	Upper
138	100		
92	48.1	28.7	68.7
108	68.9	49.5	89.5



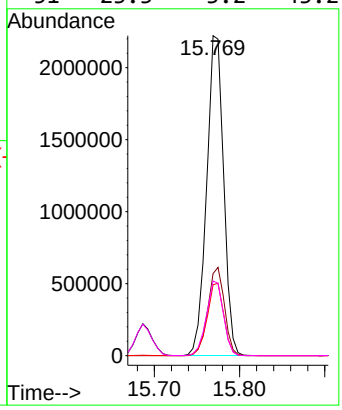


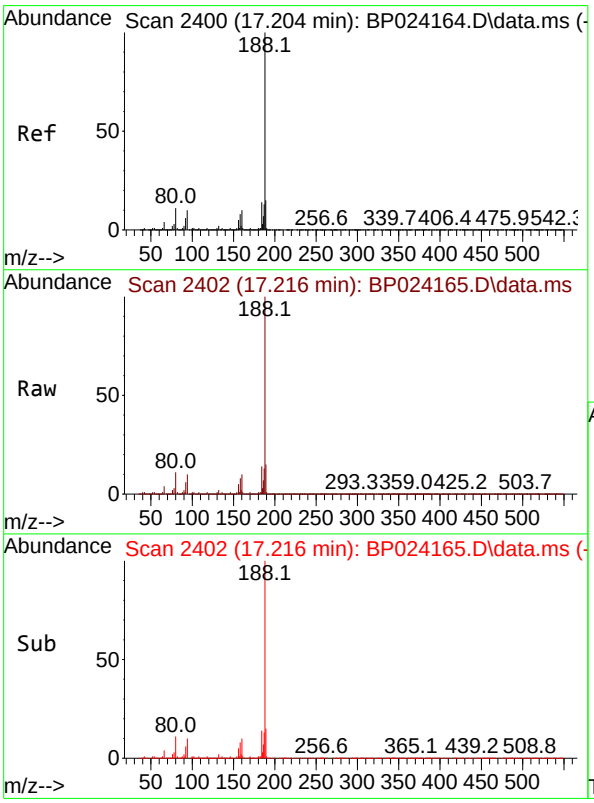
#63
Azobenzene
Concen: 51.085 ng
RT: 15.769 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 3077821

Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.7	47.7
105	22.2	2.3	42.3
51	23.3	3.2	43.2

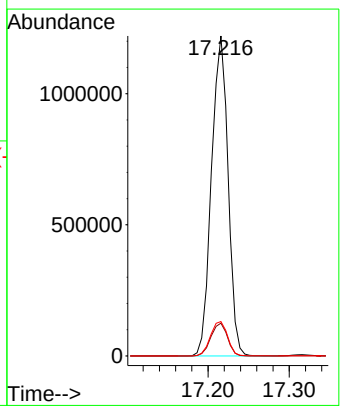


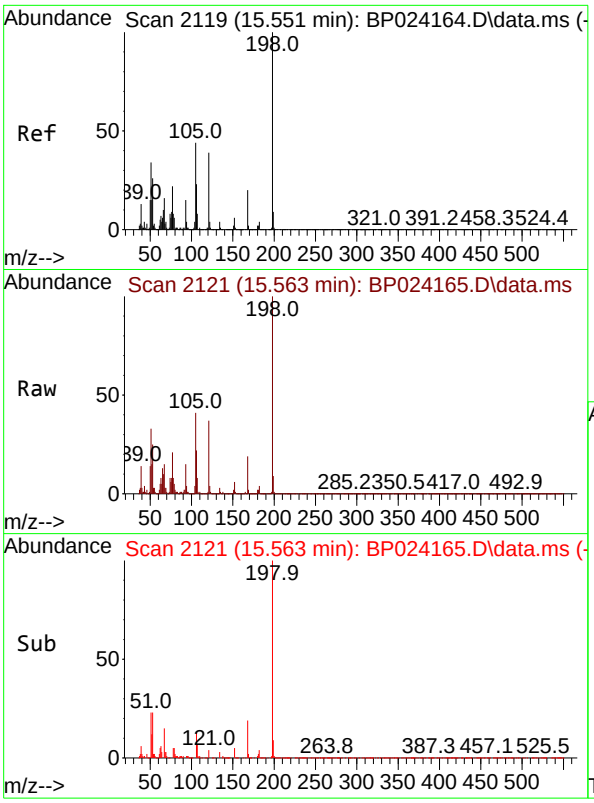


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:188 Resp: 1730200

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	10.8	8.9	13.3



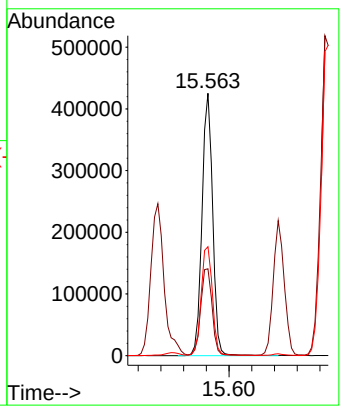


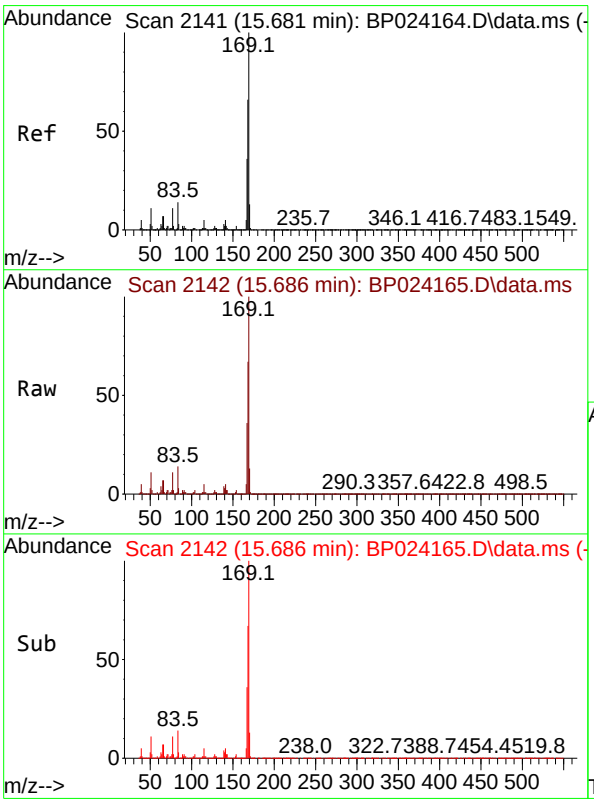
#65
4,6-Dinitro-2-methylphenol
Concen: 55.051 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 551280

Ion	Ratio	Lower	Upper
198	100		
51	33.1	14.7	54.7
105	41.5	23.8	63.8

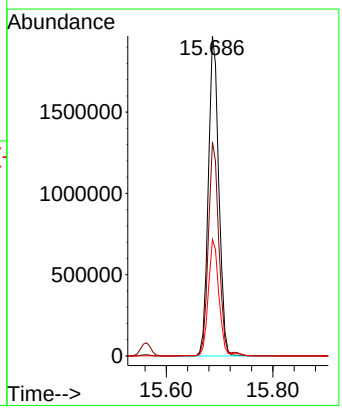


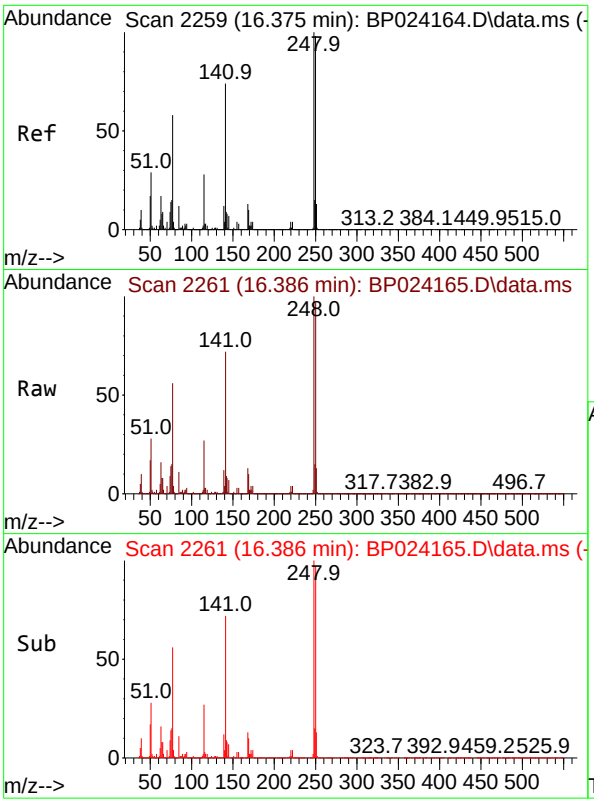


#66
n-Nitrosodiphenylamine
Concen: 49.497 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:169 Resp: 2670636

Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.9	79.3
167	36.4	28.8	43.2



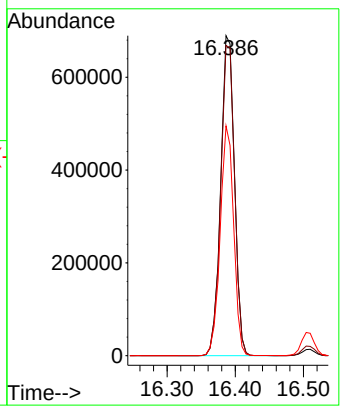


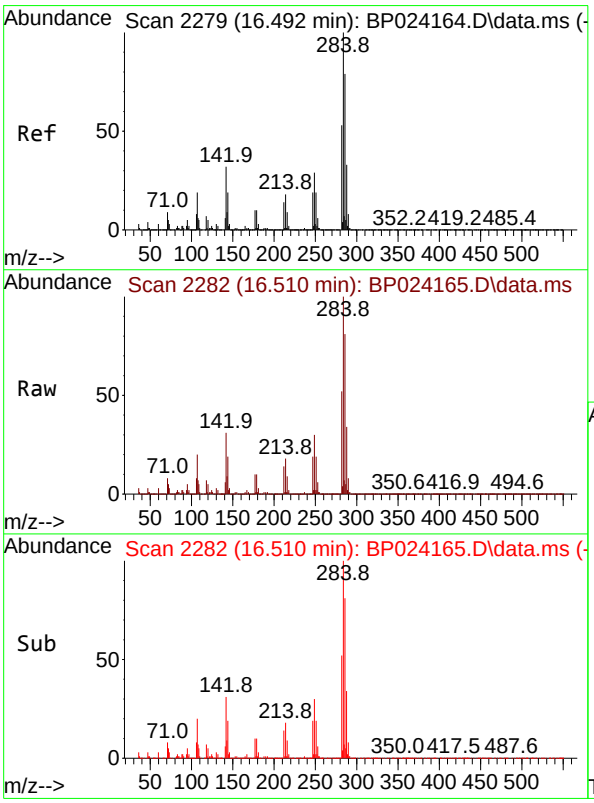
#67
4-Bromophenyl-phenylether
Concen: 49.858 ng
RT: 16.386 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 968698

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.4	117.6
141	71.8	59.4	89.0

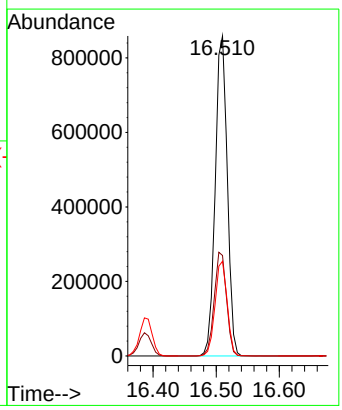


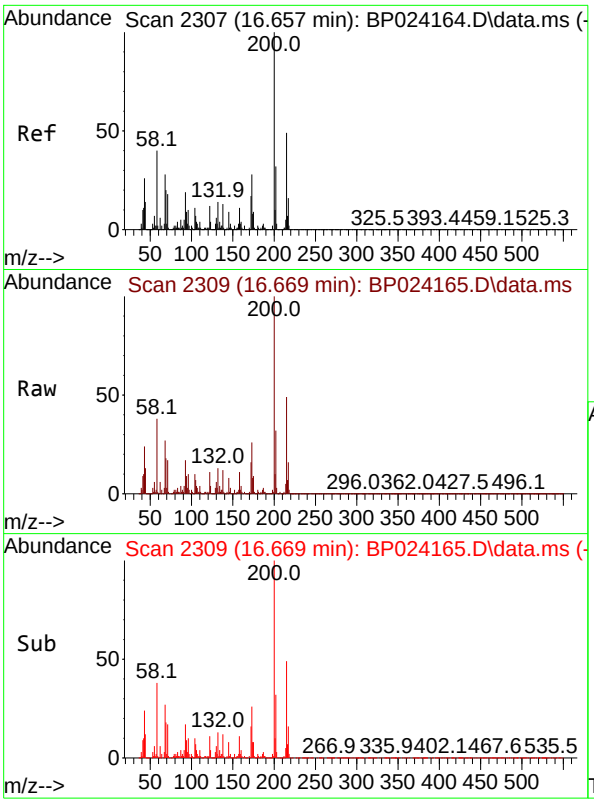


#68
Hexachlorobenzene
Concen: 49.709 ng
RT: 16.510 min Scan# 2282
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:284 Resp: 1136445

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.4	38.2
249	29.6	23.5	35.3



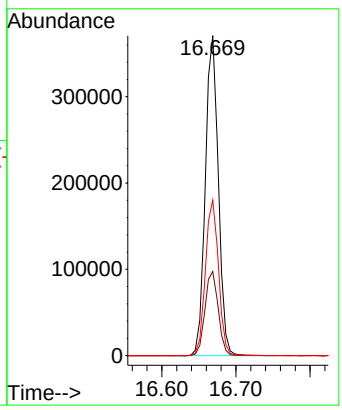


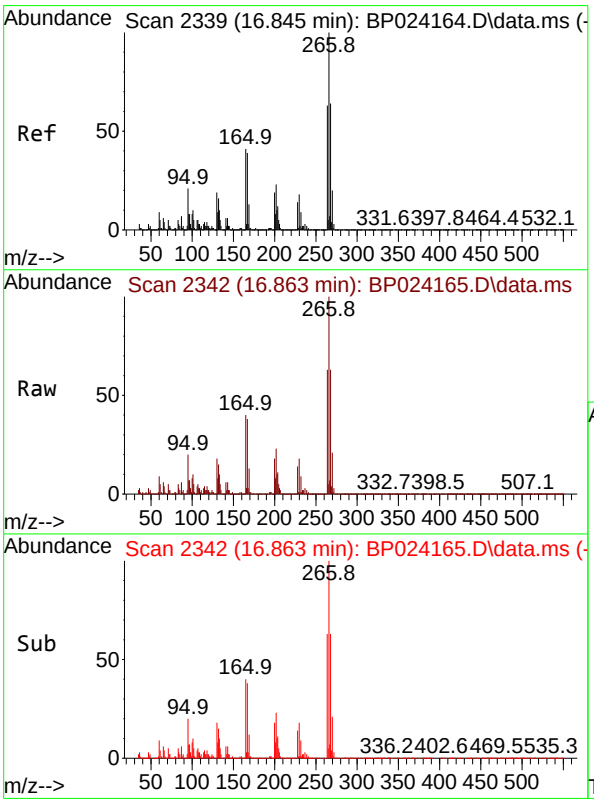
#69
Atrazine
Concen: 32.672 ng
RT: 16.669 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 452391

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.6	47.6
215	48.6	29.0	69.0

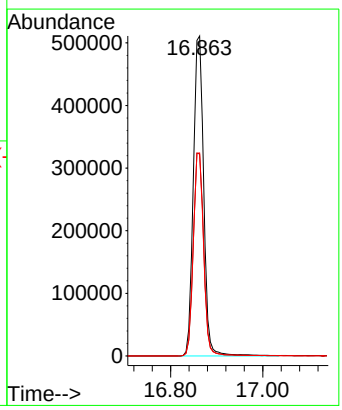


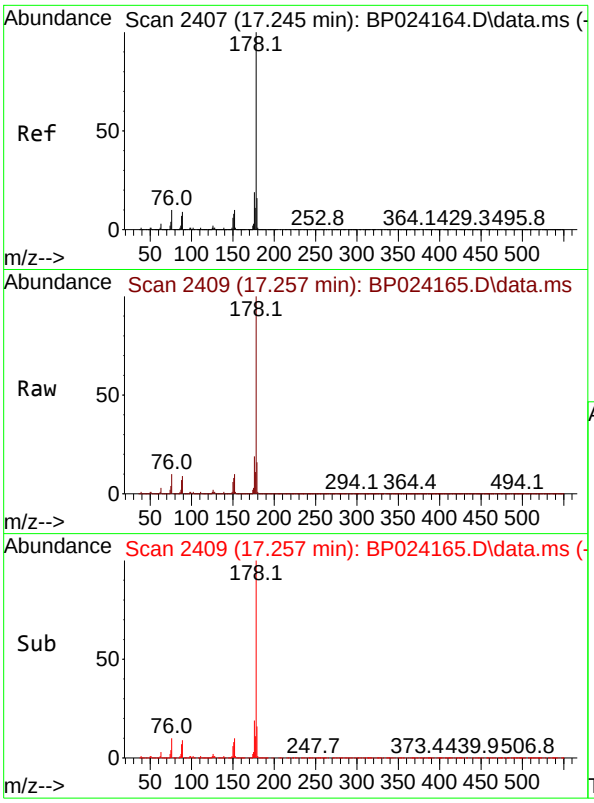


#70
Pentachlorophenol
Concen: 53.644 ng
RT: 16.863 min Scan# 2342
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:266 Resp: 796545

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.3	76.9
264	63.4	50.6	76.0



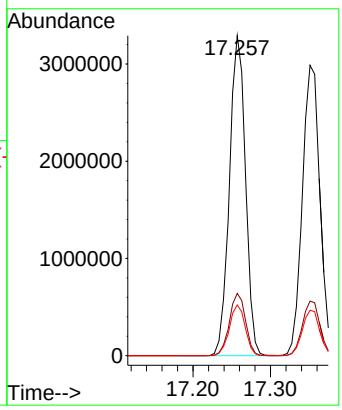


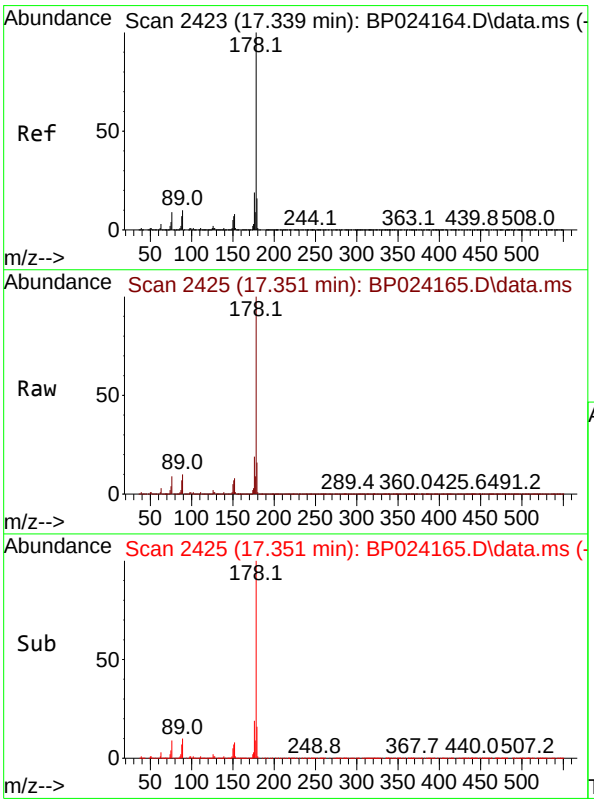
#71
Phenanthrene
Concen: 48.797 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 4759945

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.8	12.5	18.7

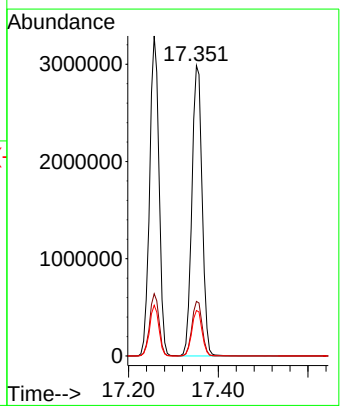


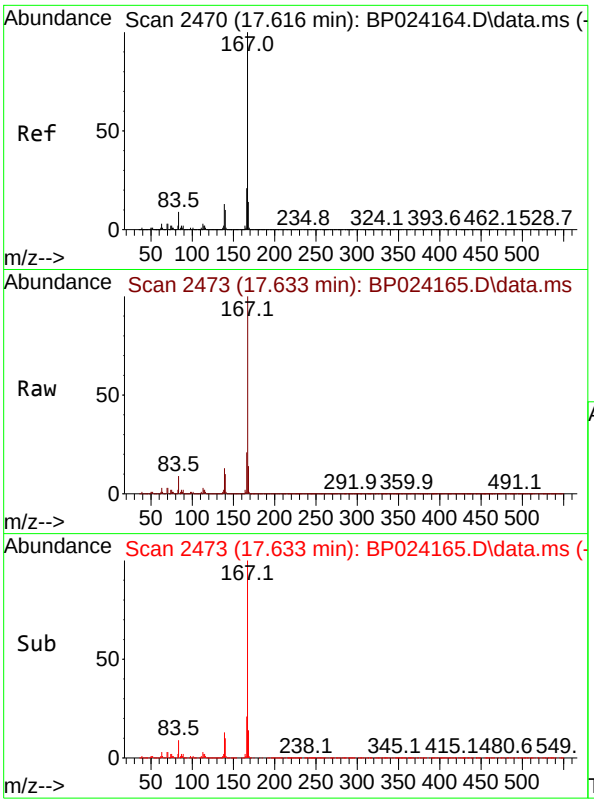


#72
Anthracene
Concen: 50.526 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:178 Resp: 4723119

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.6	12.6	18.8



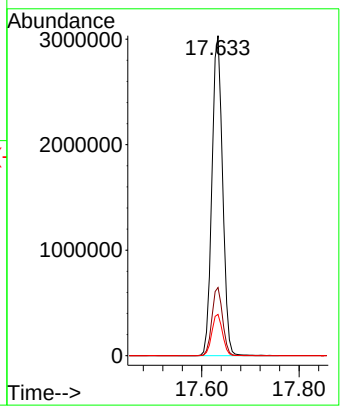


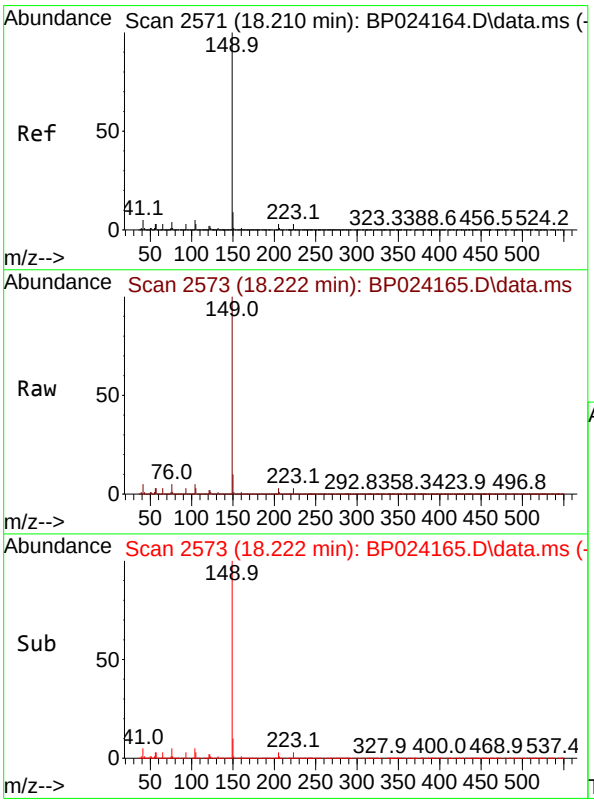
#73
Carbazole
Concen: 51.485 ng
RT: 17.633 min Scan# 24
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 4585466

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.9	10.2	15.4

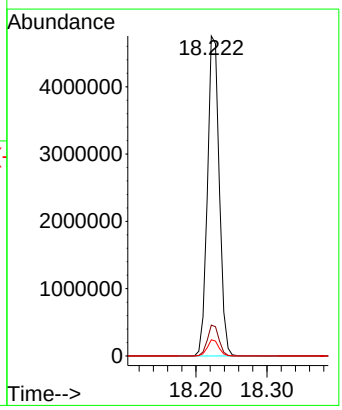


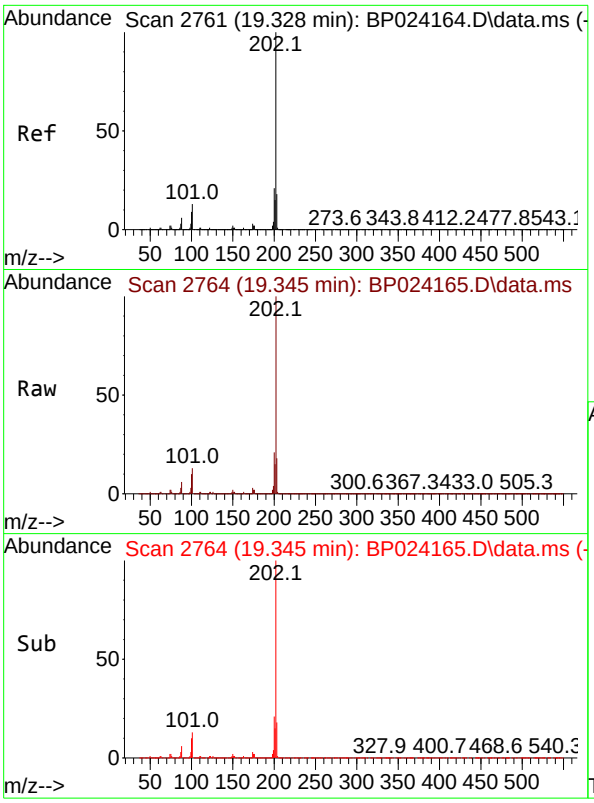


#74
Di-n-butylphthalate
Concen: 52.951 ng
RT: 18.222 min Scan# 2573
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 5502824

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.0	3.9	5.9



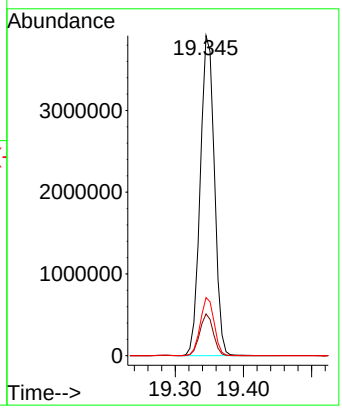


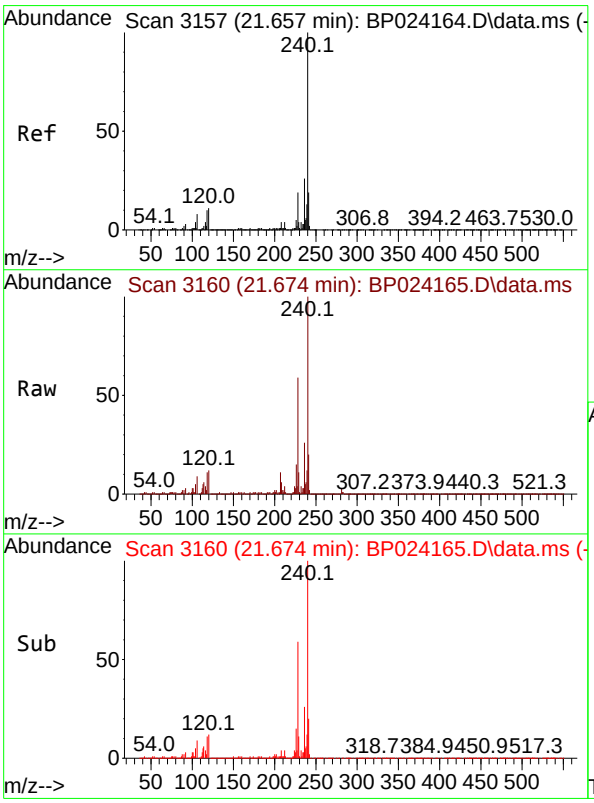
#75
Fluoranthene
Concen: 51.163 ng
RT: 19.345 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 5644914

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.5
203	18.2	0.0	37.9

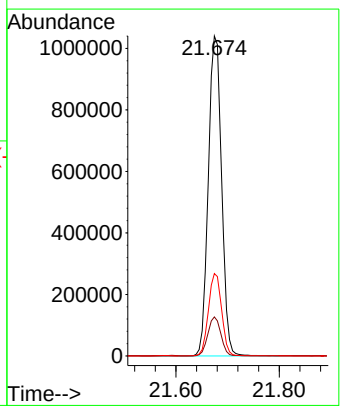


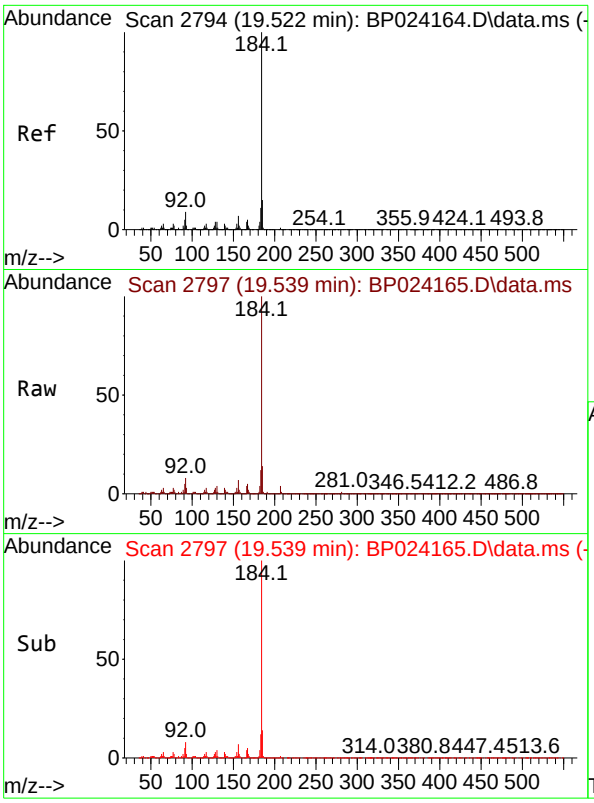


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.674 min Scan# 3160
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:240 Resp: 1856010

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.7	20.4	30.6



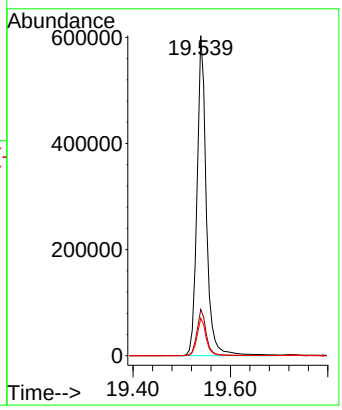


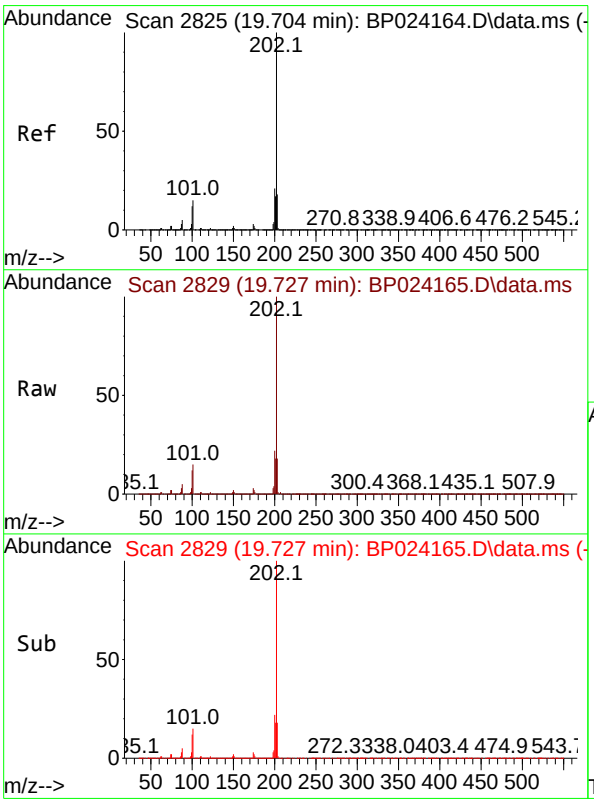
#77
Benzidine
Concen: 35.585 ng
RT: 19.539 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 804810

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	11.7	9.1	13.7

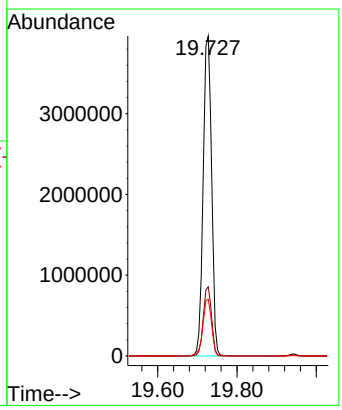


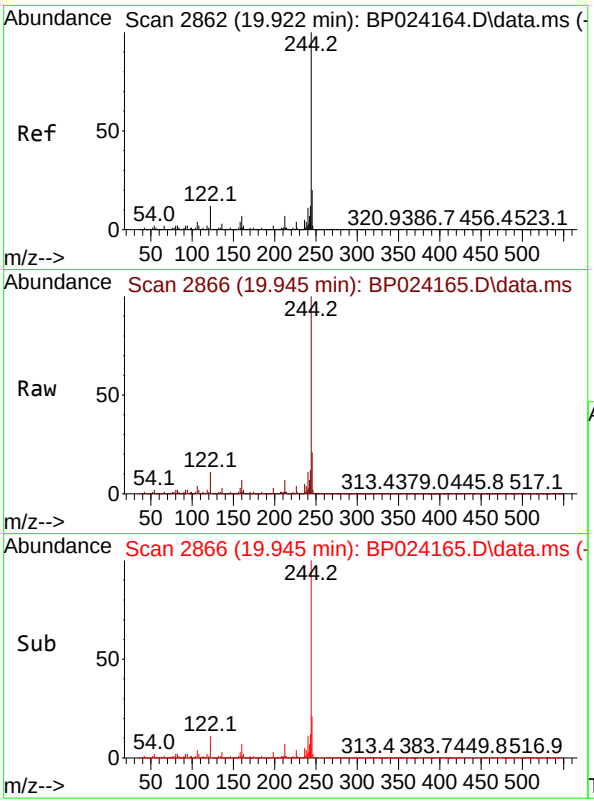


#78
Pyrene
Concen: 49.843 ng
RT: 19.727 min Scan# 2829
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:202 Resp: 5876091

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.7	14.2	21.4



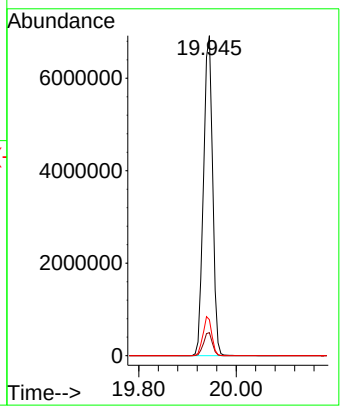


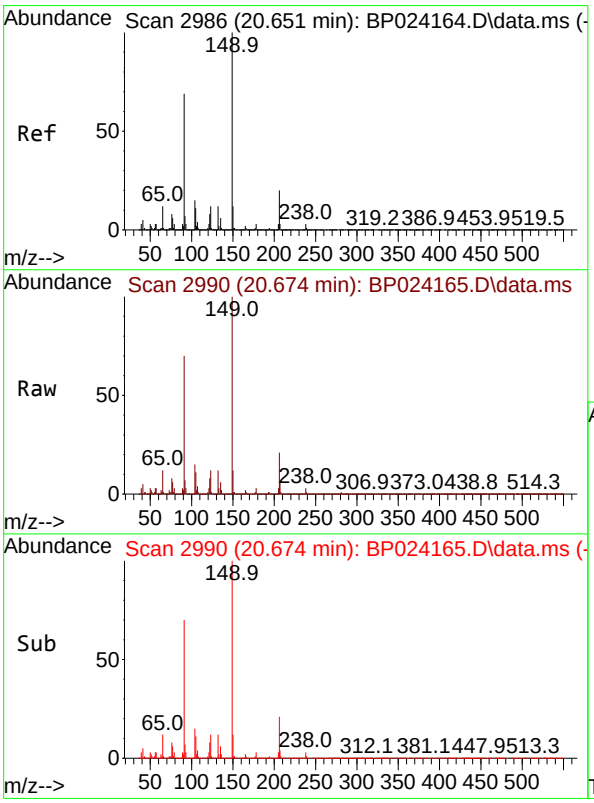
#79
Terphenyl-d14
Concen: 95.606 ng
RT: 19.945 min Scan# 2
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 8967575

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.3	9.6	14.4

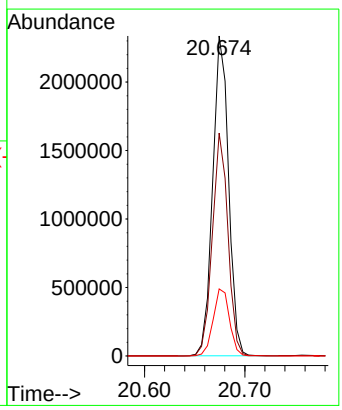


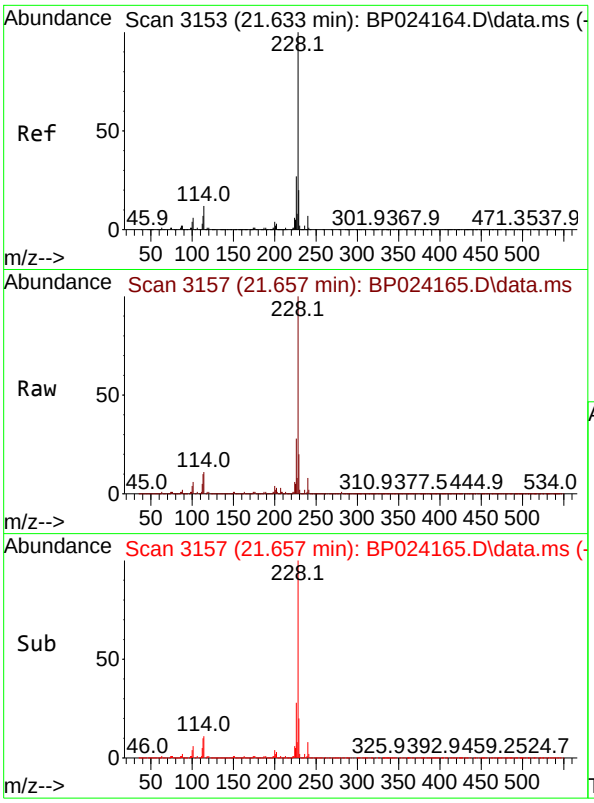


#80
Butylbenzylphthalate
Concen: 56.920 ng
RT: 20.674 min Scan# 2990
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 2571381

Ion	Ratio	Lower	Upper
149	100		
91	69.7	55.3	82.9
206	20.9	16.1	24.1



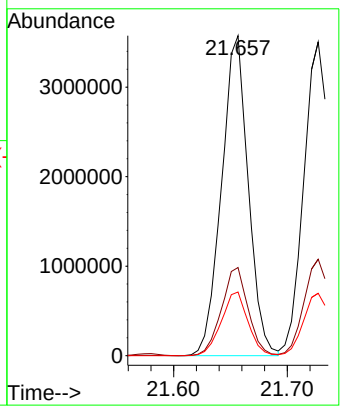


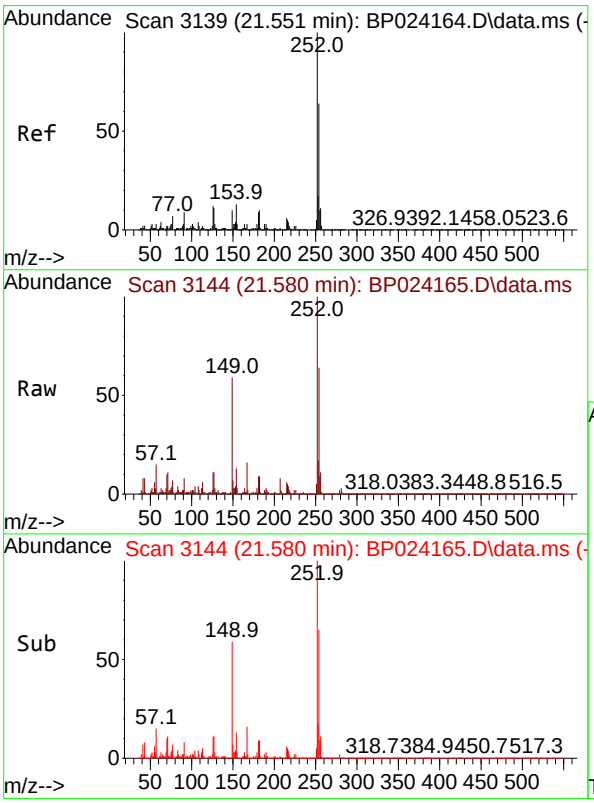
#81
Benzo(a)anthracene
Concen: 50.277 ng
RT: 21.657 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5851357

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	19.9	16.0	24.0

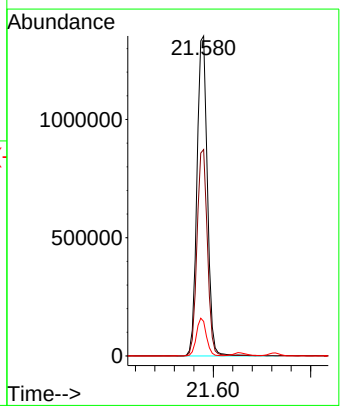


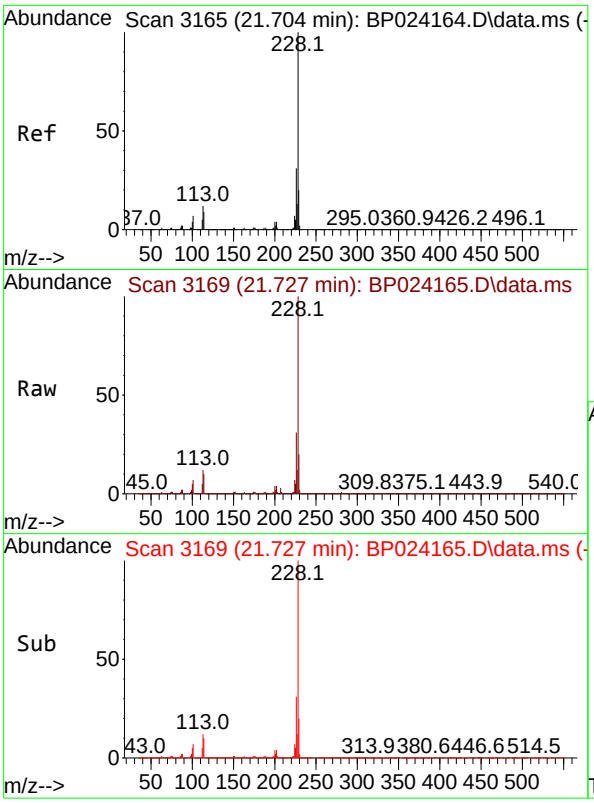


#82
3,3'-Dichlorobenzidine
Concen: 55.414 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:252 Resp: 2015249

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	10.8	9.3	13.9



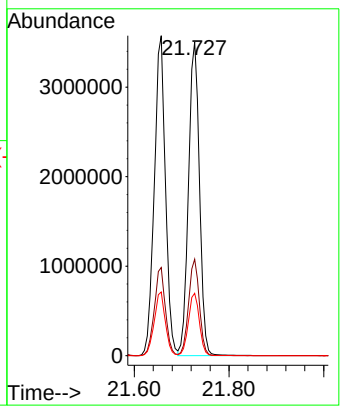


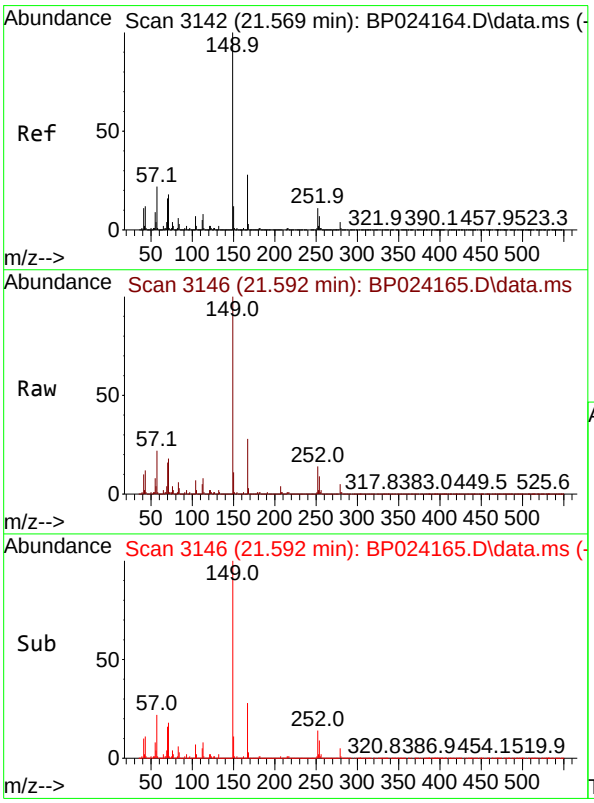
#83
Chrysene
Concen: 50.126 ng
RT: 21.727 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5625314

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	19.9	16.2	24.2

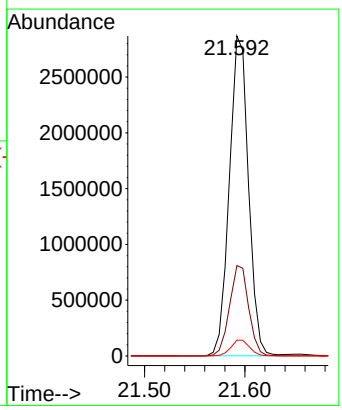


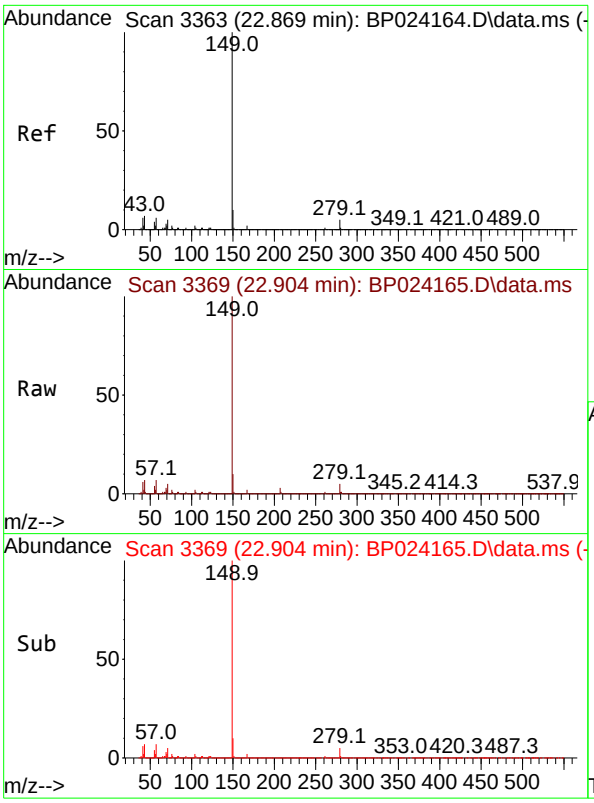


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.499 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 3802016

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	4.9	3.6	5.4



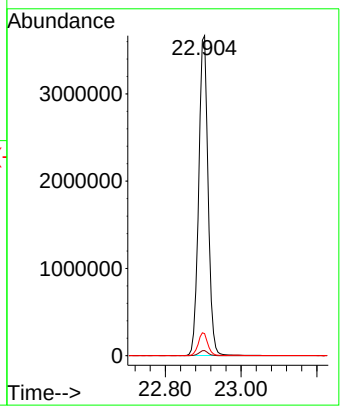


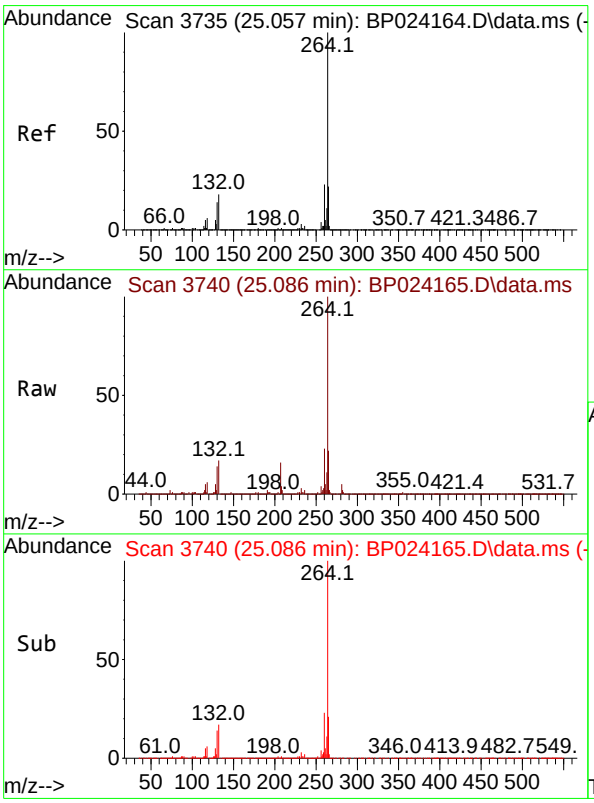
#85
Di-n-octyl phthalate
Concen: 57.516 ng
RT: 22.904 min Scan# 3
Delta R.T. 0.035 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 6298049

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8

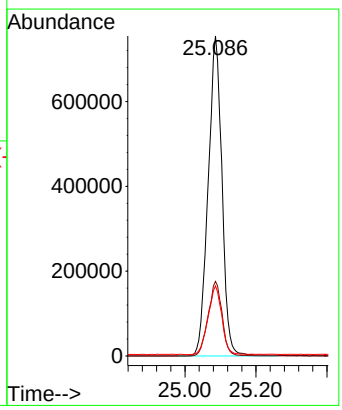


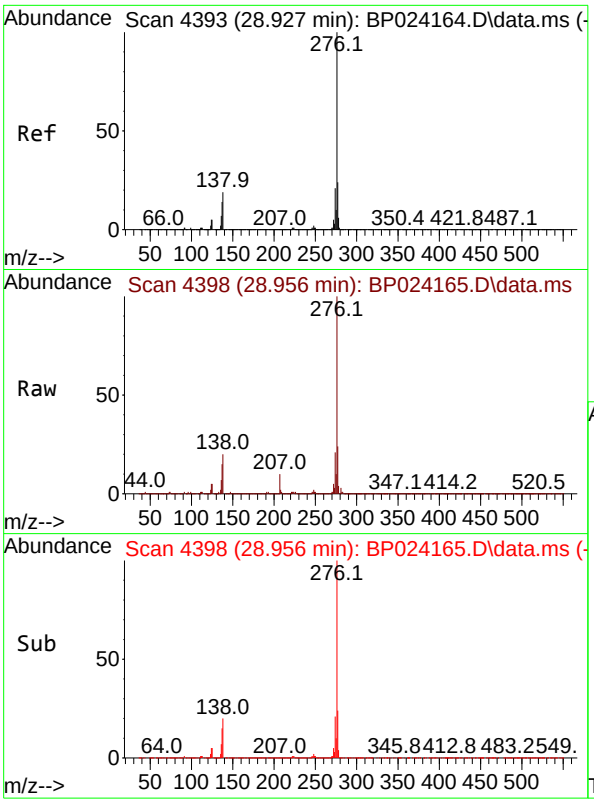


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.086 min Scan# 3740
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:264 Resp: 2039908

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.9	17.7	26.5



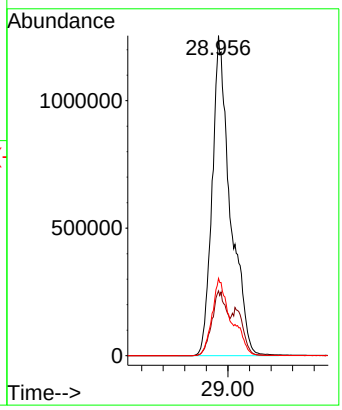


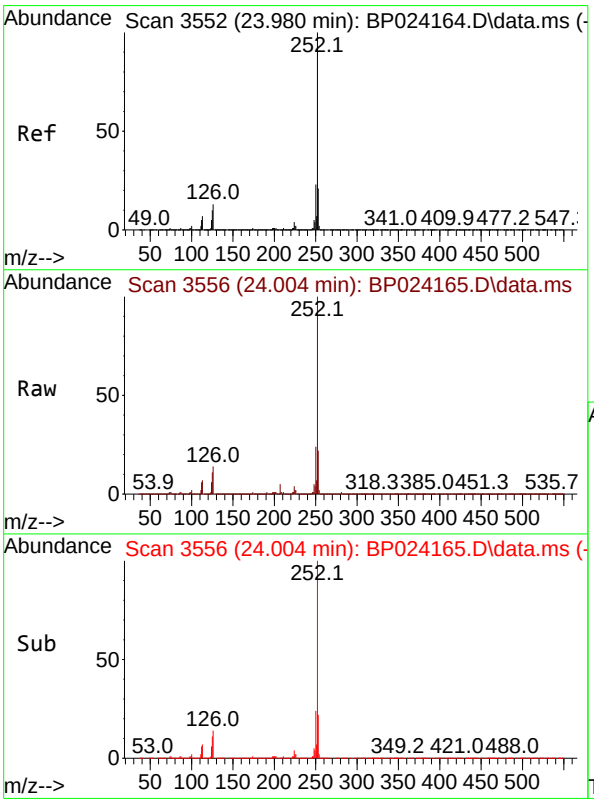
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.680 ng
RT: 28.956 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 7354717

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.7	20.5
277	25.2	20.2	30.2

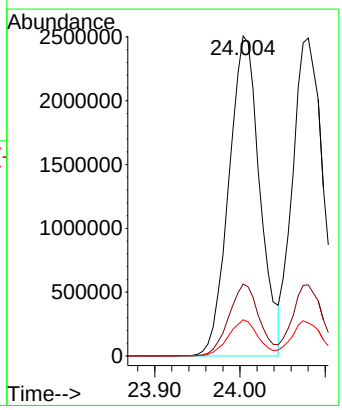


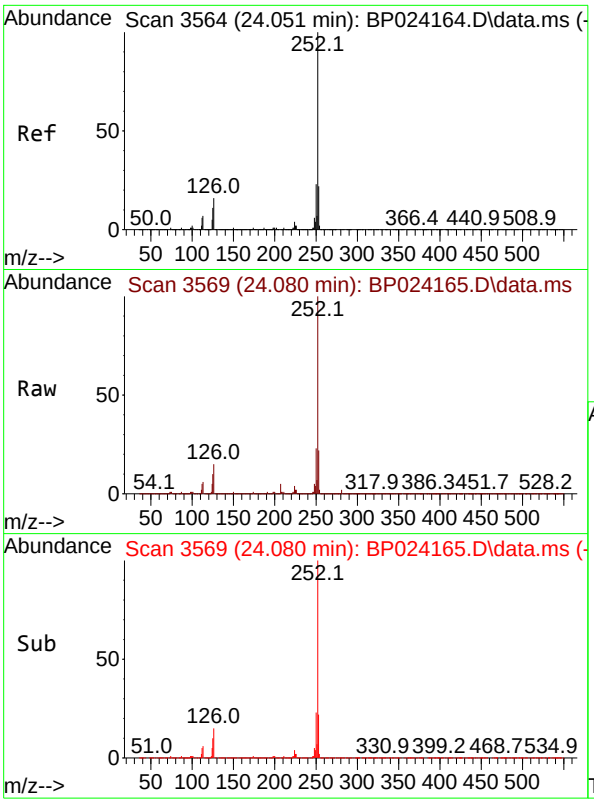


#88
Benzo(b)fluoranthene
Concen: 48.959 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:252 Resp: 6342083

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.3	8.2	12.4



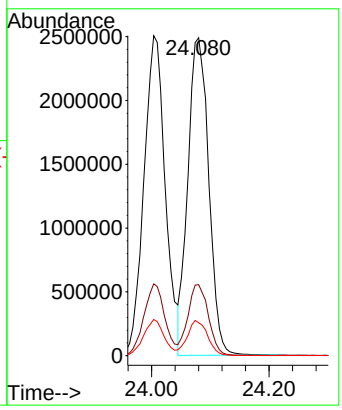


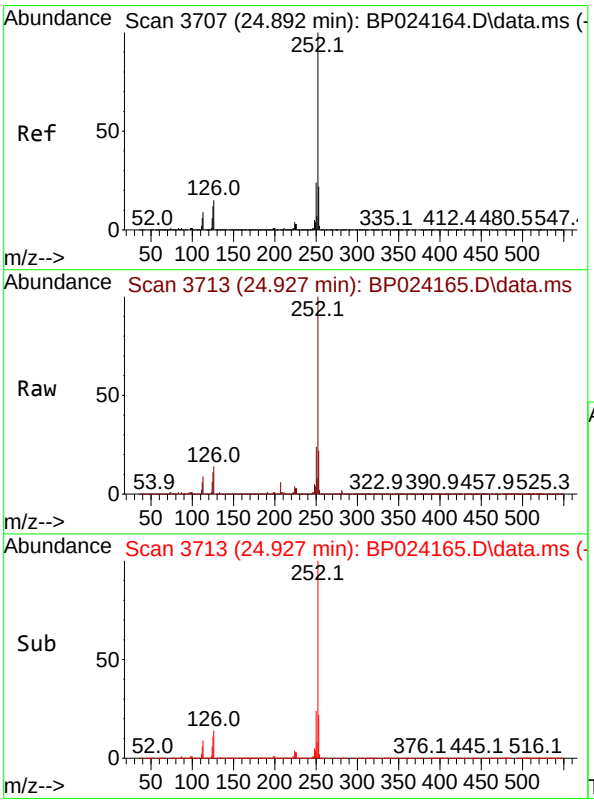
#89
Benzo(k)fluoranthene
Concen: 48.672 ng
RT: 24.080 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 6136938

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.4	9.1	13.7

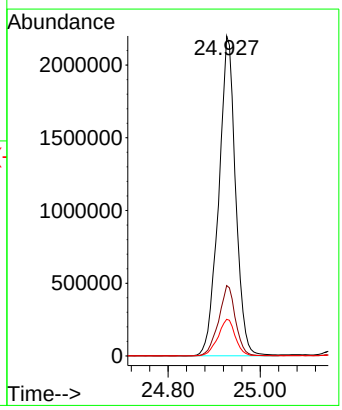


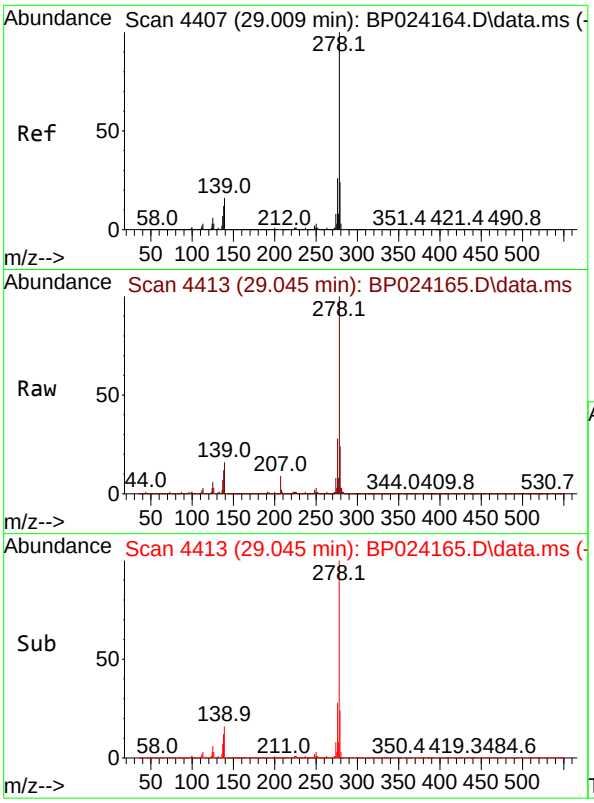


#90
Benzo(a)pyrene
Concen: 50.770 ng
RT: 24.927 min Scan# 3713
Delta R.T. 0.035 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:252 Resp: 5581393

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.4	9.6	14.4



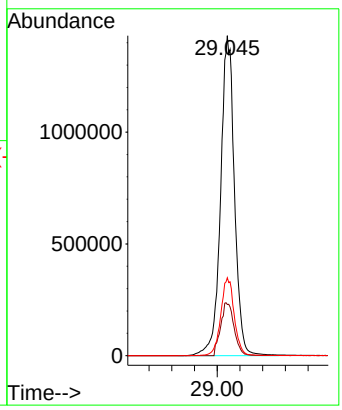


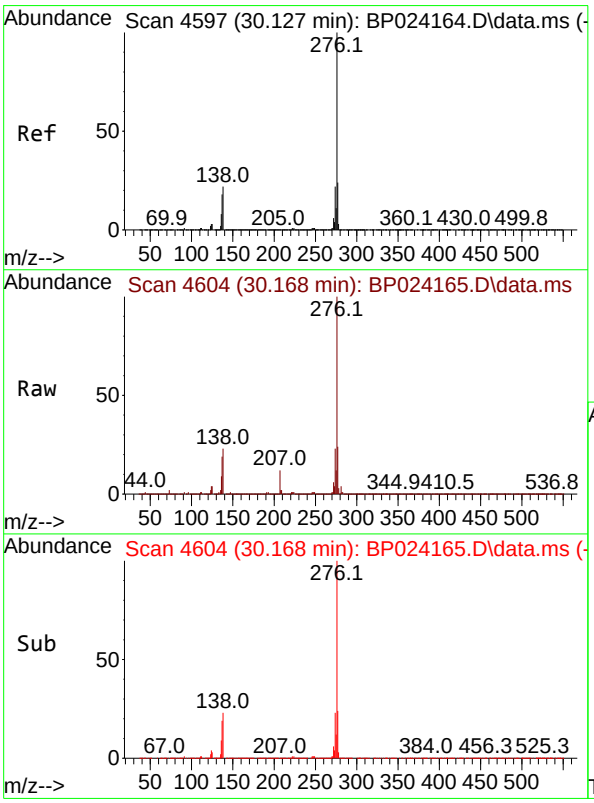
#91
Dibenzo(a,h)anthracene
Concen: 49.766 ng
RT: 29.045 min Scan# 44
Delta R.T. 0.035 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 6072440

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.0	19.4
279	24.4	18.8	28.2

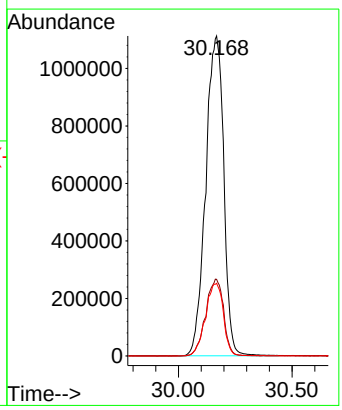




#92
Benzo(g,h,i)perylene
Concen: 49.509 ng
RT: 30.168 min Scan# 4604
Delta R.T. 0.041 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:276 Resp: 6130219

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.7	17.4	26.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	394376	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1591612	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	936110	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1759587	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1817869	20.000	ng	0.01
86) Perylene-d12	25.074	264	2003229	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3091896	122.332	ng	0.00
7) Phenol-d6	6.958	99	4151063	127.785	ng	0.00
23) Nitrobenzene-d5	8.922	82	3516139	123.247	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1542341	134.511	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	7675412	114.626	ng	0.00
79) Terphenyl-d14	19.933	244	10595349	115.330	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	588784	59.385	ng	100
3) Pyridine	3.717	79	1653707m	64.153	ng	
4) n-Nitrosodimethylamine	3.622	42	551093	60.270	ng	99
6) Aniline	7.111	93	1788370	60.115	ng	99
8) 2-Chlorophenol	7.346	128	1656453	61.919	ng	99
9) Benzaldehyde	6.922	77	830475	55.995	ng	99
10) Phenol	6.981	94	2072585	63.448	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1606110	62.425	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1740829	59.234	ng	100
13) 1,4-Dichlorobenzene	7.805	146	1778400	59.836	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1703894	59.737	ng	100
15) Benzyl Alcohol	8.010	79	1332675	67.021	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1610981	64.502	ng	99
17) 2-Methylphenol	8.210	107	1316438	66.132	ng	99
18) Hexachloroethane	8.846	117	636840	59.498	ng	96
19) n-Nitroso-di-n-propyla...	8.575	70	1191669	68.227	ng	99
20) 3+4-Methylphenols	8.540	107	1809984	66.838	ng	100
22) Acetophenone	8.587	105	2478568	60.600	ng	99
24) Nitrobenzene	8.963	77	1731589	61.673	ng	99
25) Isophorone	9.487	82	3063158	65.658	ng	100
26) 2-Nitrophenol	9.669	139	904714	69.941	ng	97
27) 2,4-Dimethylphenol	9.734	122	1095778	64.534	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	2086687	61.742	ng	99
29) 2,4-Dichlorophenol	10.204	162	1497152	64.609	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1578453	59.453	ng	100
31) Naphthalene	10.604	128	5145859	60.129	ng	100
32) Benzoic acid	9.904	122	1203679	77.325	ng	98
33) 4-Chloroaniline	10.710	127	1859148	61.665	ng	99
34) Hexachlorobutadiene	10.887	225	918034	59.699	ng	98
35) Caprolactam	11.510	113	496683	70.784	ng	99
36) 4-Chloro-3-methylphenol	11.846	107	1582952	66.451	ng	98
37) 2-Methylnaphthalene	12.216	142	3504891	61.618	ng	100
38) 1-Methylnaphthalene	12.434	142	3364504	60.802	ng	100
40) 1,2,4,5-Tetrachloroben...	12.587	216	1707961	59.382	ng	100
41) Hexachlorocyclopentadiene	12.563	237	656781	61.365	ng	98
43) 2,4,6-Trichlorophenol	12.828	196	1148545	65.478	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

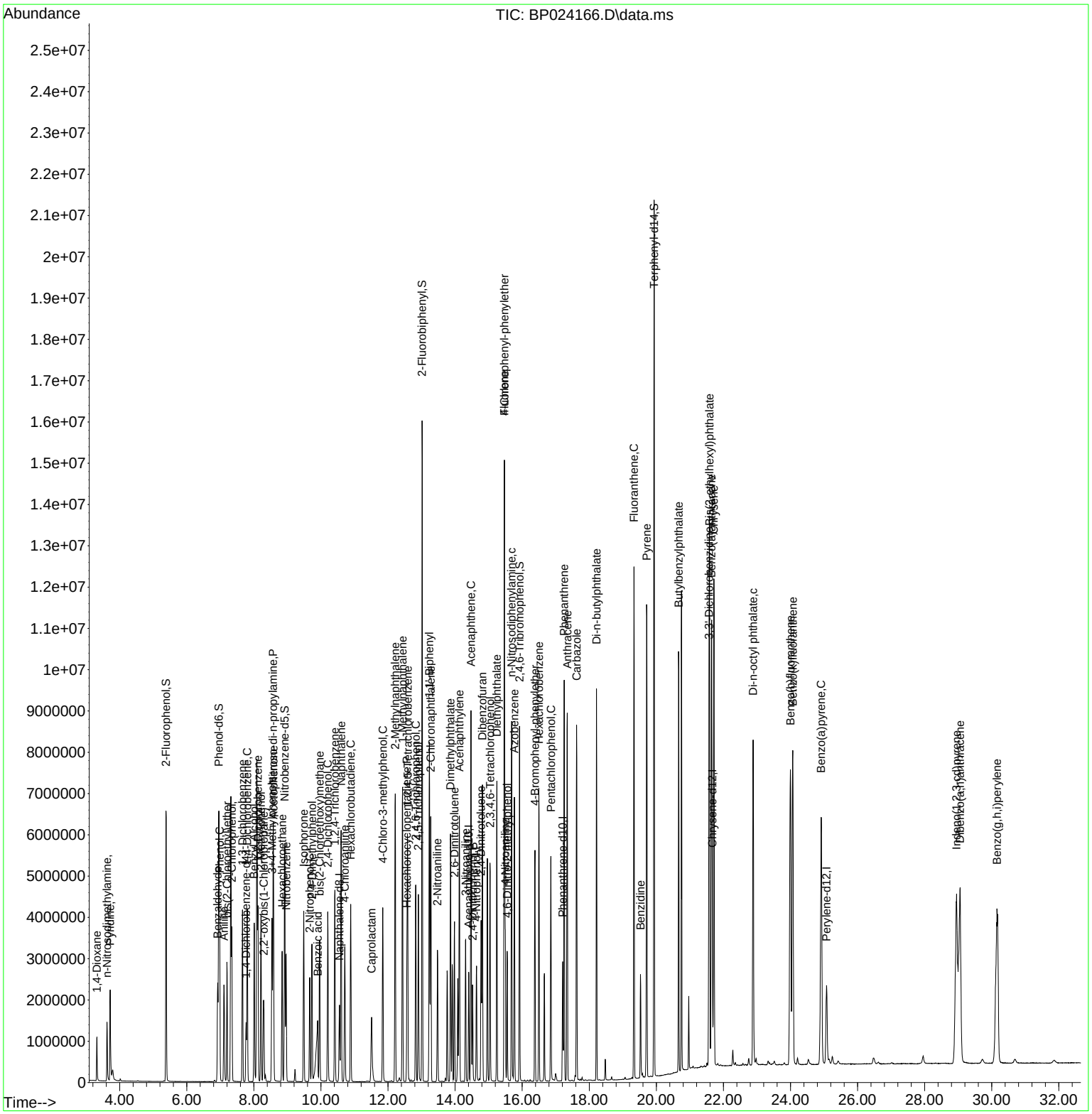
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	1233147	64.282	ng	99
46) 1,1'-Biphenyl	13.234	154	4312903	59.291	ng	99
47) 2-Chloronaphthalene	13.275	162	3269176	59.452	ng	100
48) 2-Nitroaniline	13.475	65	890207	68.533	ng	99
49) Acenaphthylene	14.128	152	5025011	62.024	ng	100
50) Dimethylphthalate	13.863	163	3997694	60.542	ng	100
51) 2,6-Dinitrotoluene	13.981	165	887706	65.996	ng	96
52) Acenaphthene	14.475	154	3153799	60.450	ng	99
53) 3-Nitroaniline	14.316	138	963434	67.123	ng	99
54) 2,4-Dinitrophenol	14.522	184	523590	73.093	ng	97
55) Dibenzofuran	14.816	168	5051493	59.602	ng	100
56) 4-Nitrophenol	14.640	139	831765	67.086	ng	99
57) 2,4-Dinitrotoluene	14.775	165	1211692	69.346	ng	98
58) Fluorene	15.469	166	3951671	59.702	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1055860	63.439	ng	99
60) Diethylphthalate	15.245	149	4030341	61.486	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1934265	59.370	ng	100
62) 4-Nitroaniline	15.498	138	1025149	68.824	ng	98
63) Azobenzene	15.769	77	3829148	62.340	ng	98
65) 4,6-Dinitro-2-methylph...	15.557	198	698260	68.563	ng	93
66) n-Nitrosodiphenylamine	15.687	169	3334914	60.776	ng	100
67) 4-Bromophenyl-phenylether	16.381	248	1211468	61.311	ng	97
68) Hexachlorobenzene	16.498	284	1425714	61.320	ng	97
70) Pentachlorophenol	16.857	266	1002726	66.402	ng	100
71) Phenanthrene	17.251	178	5863198	59.103	ng	99
72) Anthracene	17.345	178	5754537	60.532	ng	100
73) Carbazole	17.622	167	5598533	61.810	ng	99
74) Di-n-butylphthalate	18.216	149	6844468	64.761	ng	100
75) Fluoranthene	19.333	202	6849338	61.042	ng	99
77) Benzidine	19.528	184	1518742	68.561	ng	100
78) Pyrene	19.710	202	7049649	61.052	ng	99
80) Butylbenzylphthalate	20.663	149	3170269	71.649	ng	99
81) Benzo(a)anthracene	21.645	228	7010330	61.500	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	2547922	71.531	ng	99
83) Chrysene	21.716	228	6653811	60.535	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	4788368	71.363	ng	98
85) Di-n-octyl phthalate	22.886	149	7825427	72.964	ng	100
87) Indeno(1,2,3-cd)pyrene	28.951	276	8887645m	62.364	ng	
88) Benzo(b)fluoranthene	23.998	252	7606878	59.798	ng	99
89) Benzo(k)fluoranthene	24.068	252	7515459	60.696	ng	99
90) Benzo(a)pyrene	24.915	252	6723161	62.275	ng	99
91) Dibenzo(a,h)anthracene	29.056	278	7370514	61.510	ng	99
92) Benzo(g,h,i)perylene	30.156	276	7489359	61.593	ng	99

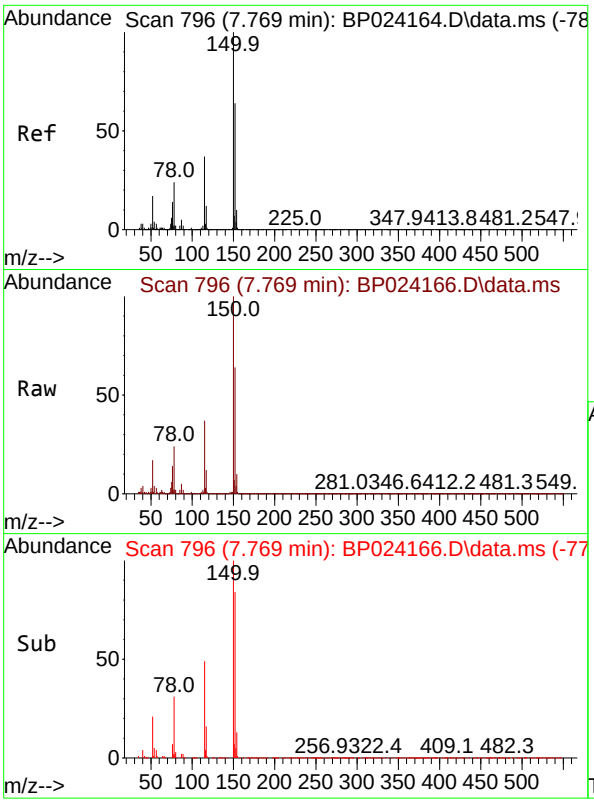
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



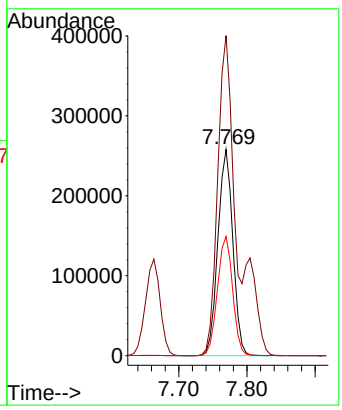


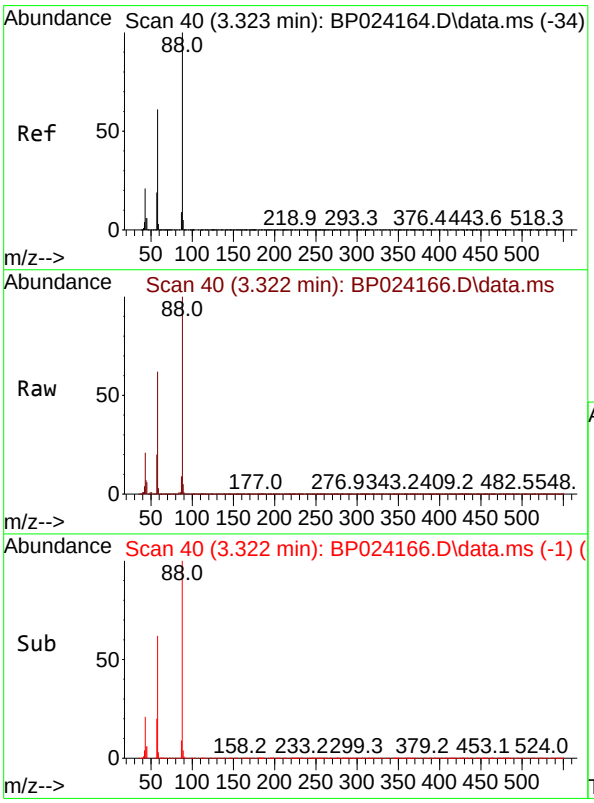
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 394376

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.5	188.3
115	57.8	46.3	69.5

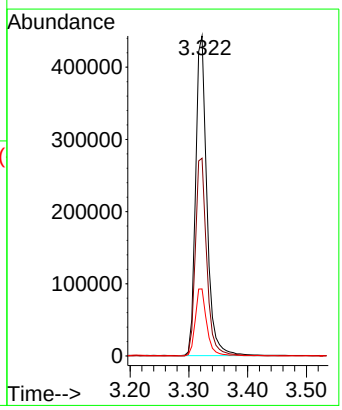


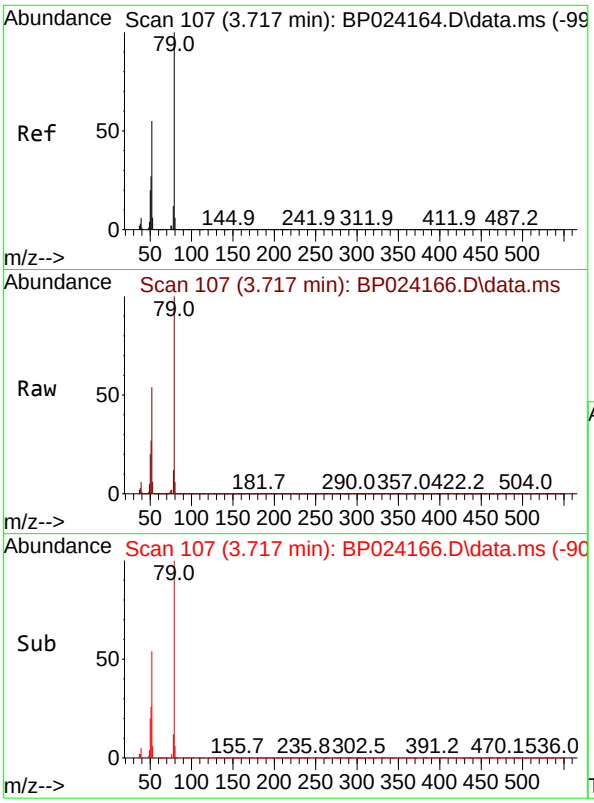


#2
1,4-Dioxane
Concen: 59.385 ng
RT: 3.322 min Scan# 40
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 88 Resp: 588784

Ion	Ratio	Lower	Upper
88	100		
58	62.5	49.8	74.6
43	21.3	17.3	25.9



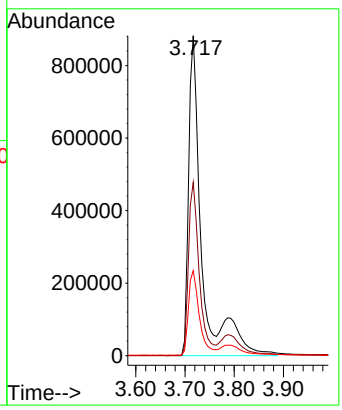


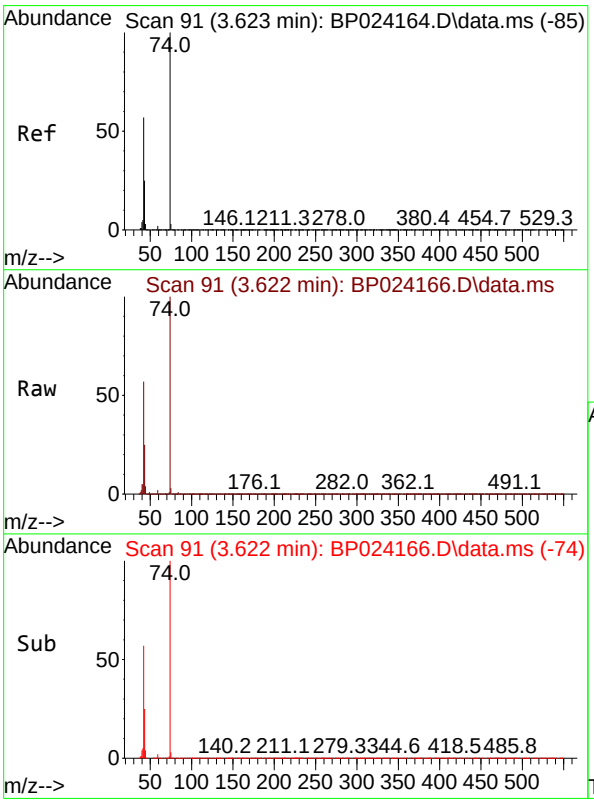
#3
Pyridine
Concen: 64.153 ng m
RT: 3.717 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1653707

Ion	Ratio	Lower	Upper
79	100		
52	54.2	43.8	65.8
51	26.6	21.6	32.4

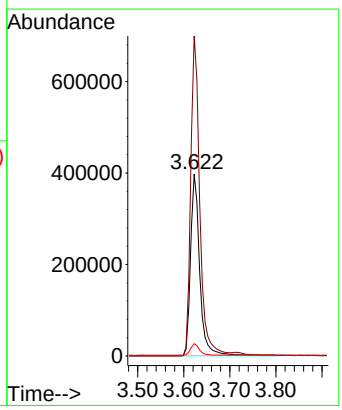


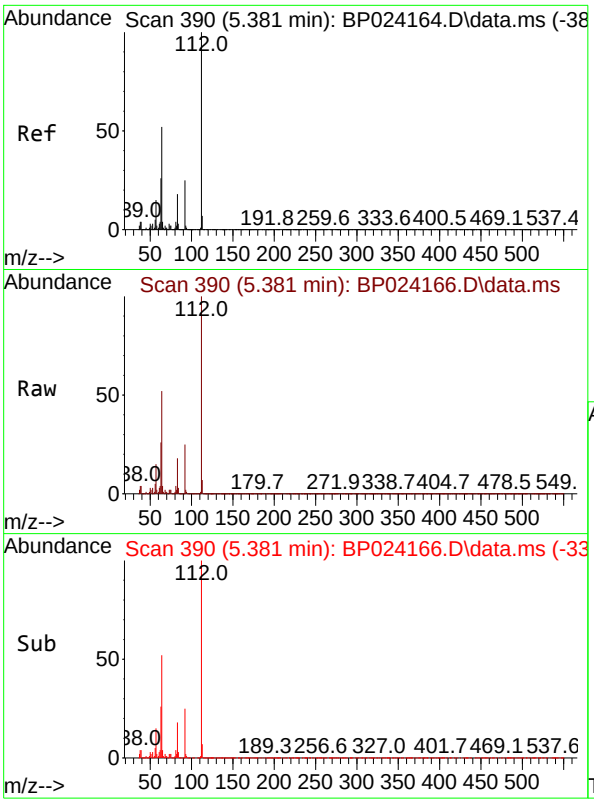


#4
n-Nitrosodimethylamine
Concen: 60.270 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 42 Resp: 551093

Ion	Ratio	Lower	Upper
42	100		
74	175.9	139.8	209.6
44	6.8	5.3	7.9



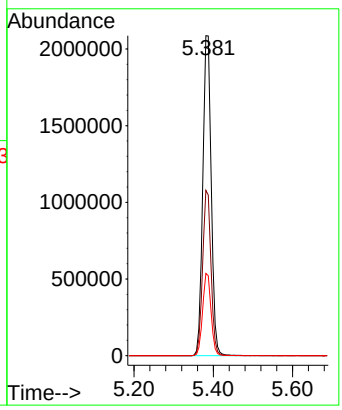


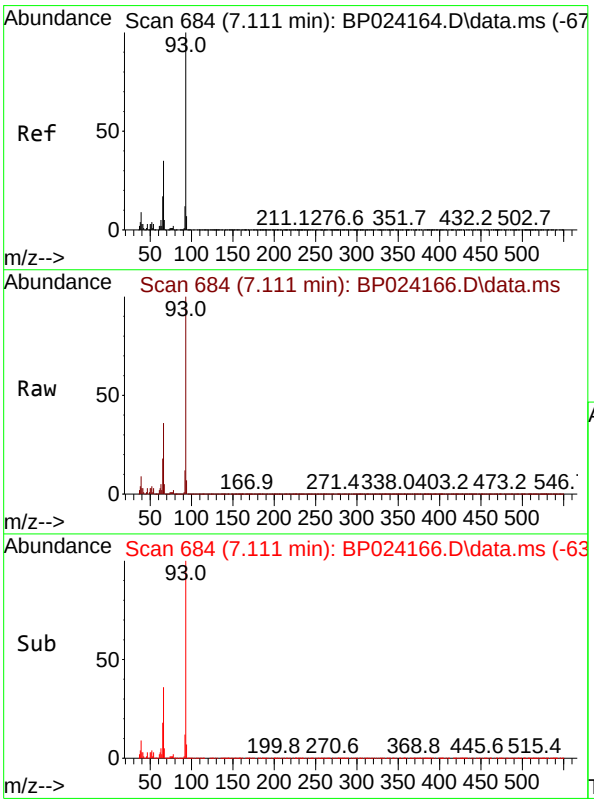
#5
2-Fluorophenol
Concen: 122.332 ng
RT: 5.381 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 3091896

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.3	61.9
63	25.7	20.6	31.0

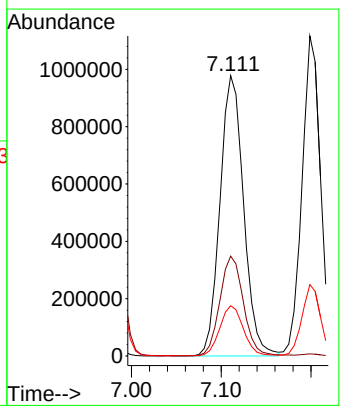


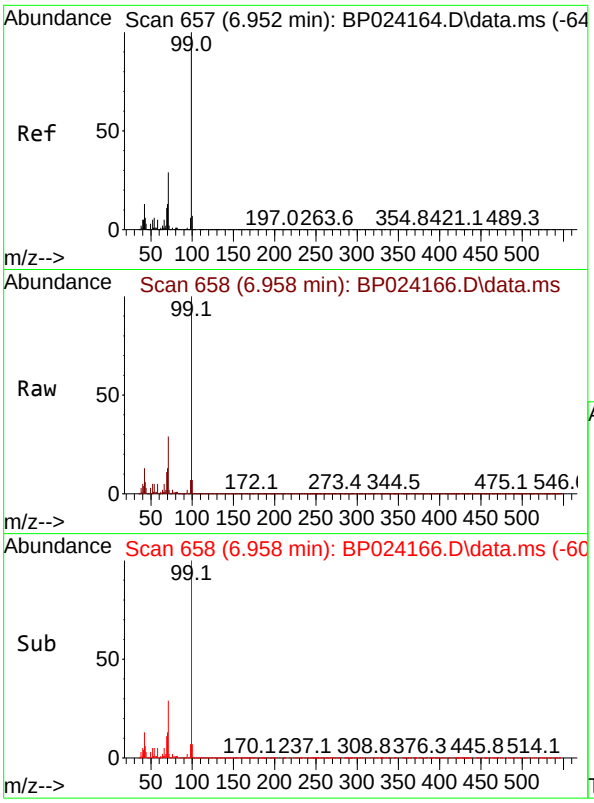


#6
Aniline
Concen: 60.115 ng
RT: 7.111 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 93 Resp: 1788370

Ion	Ratio	Lower	Upper
93	100		
66	35.6	28.2	42.2
65	17.9	14.0	21.0



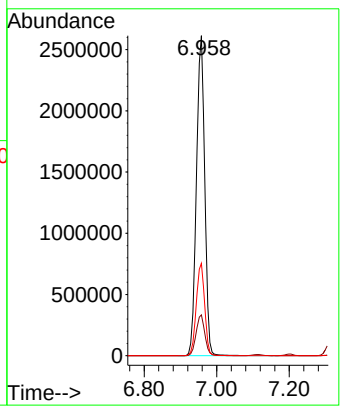


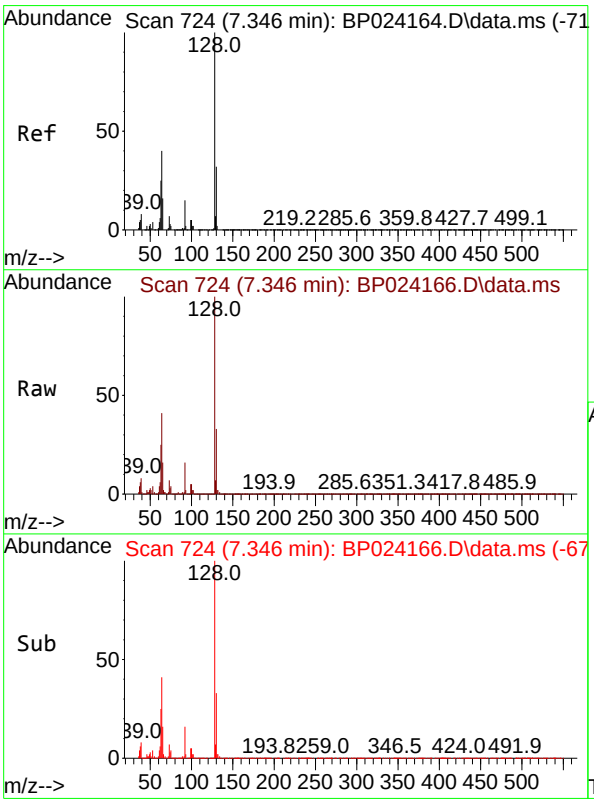
#7
Phenol-d6
Concen: 127.785 ng
RT: 6.958 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 4151063

Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.6	16.0
71	28.9	23.3	34.9

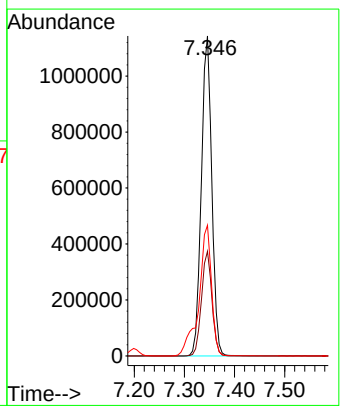


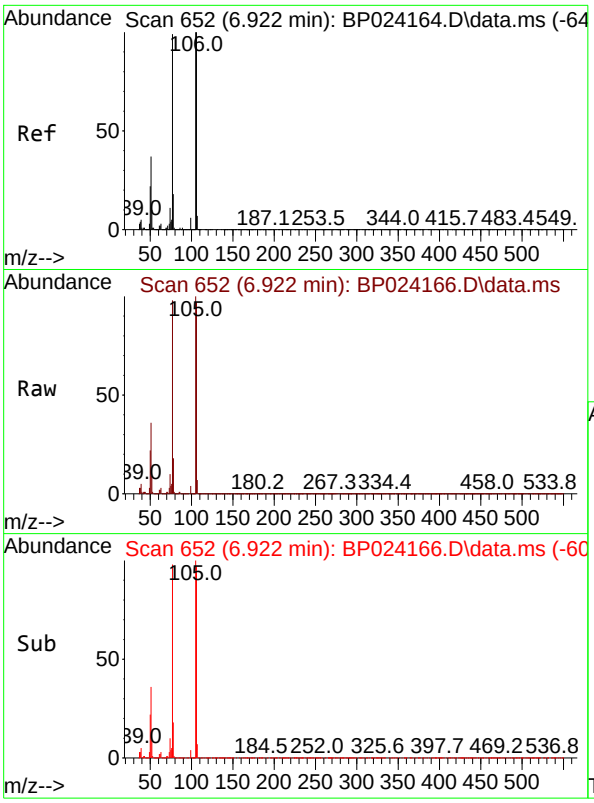


#8
2-Chlorophenol
Concen: 61.919 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:128 Resp: 1656453

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	40.9	21.6	61.6



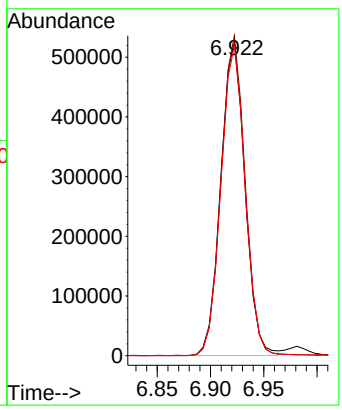


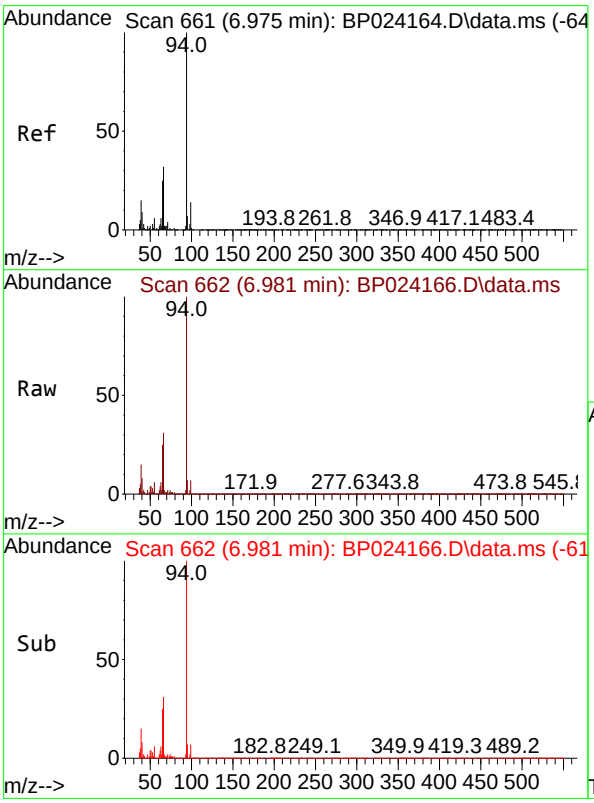
#9
Benzaldehyde
Concen: 55.995 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 830475

Ion	Ratio	Lower	Upper
77	100		
105	102.0	81.4	121.4
106	98.7	81.1	121.1

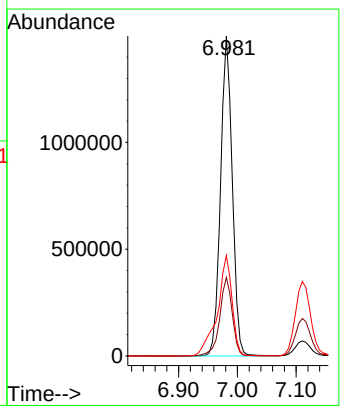


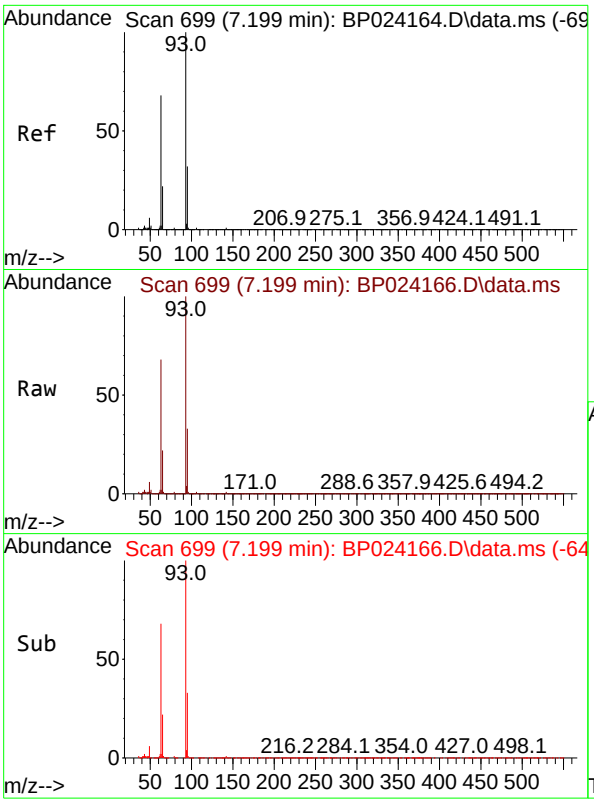


#10
Phenol
Concen: 63.448 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 94 Resp: 2072585

Ion	Ratio	Lower	Upper
94	100		
65	24.5	4.9	44.9
66	31.3	11.9	51.9



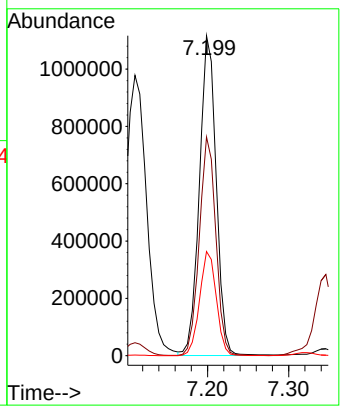


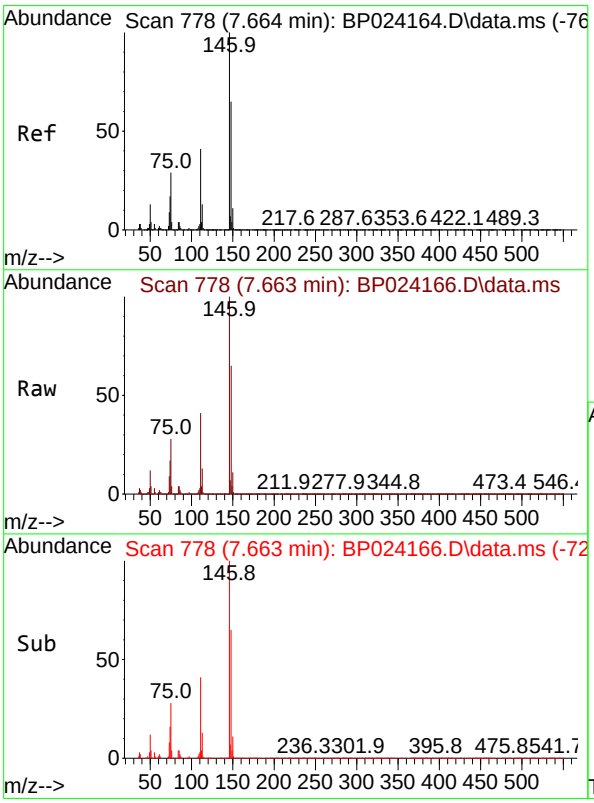
#11
bis(2-Chloroethyl)ether
Concen: 62.425 ng
RT: 7.199 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1606110

Ion	Ratio	Lower	Upper
93	100		
63	68.3	47.4	87.4
95	32.6	12.1	52.1

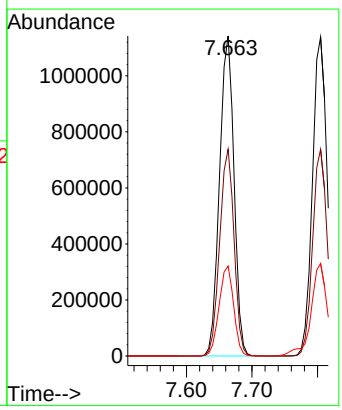


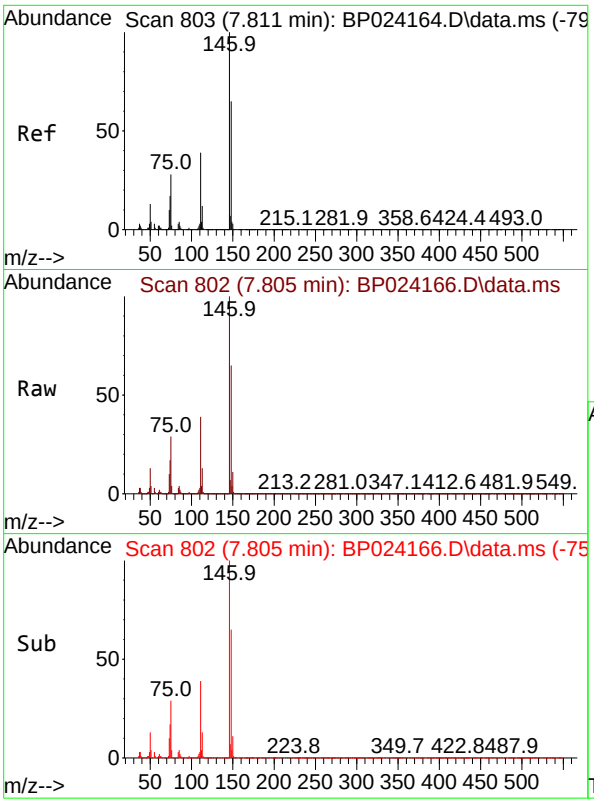


#12
1,3-Dichlorobenzene
Concen: 59.234 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:146 Resp: 1740829

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.1	22.8	34.2



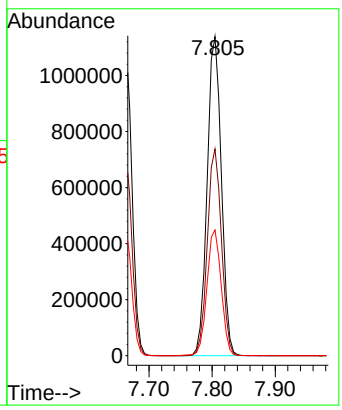


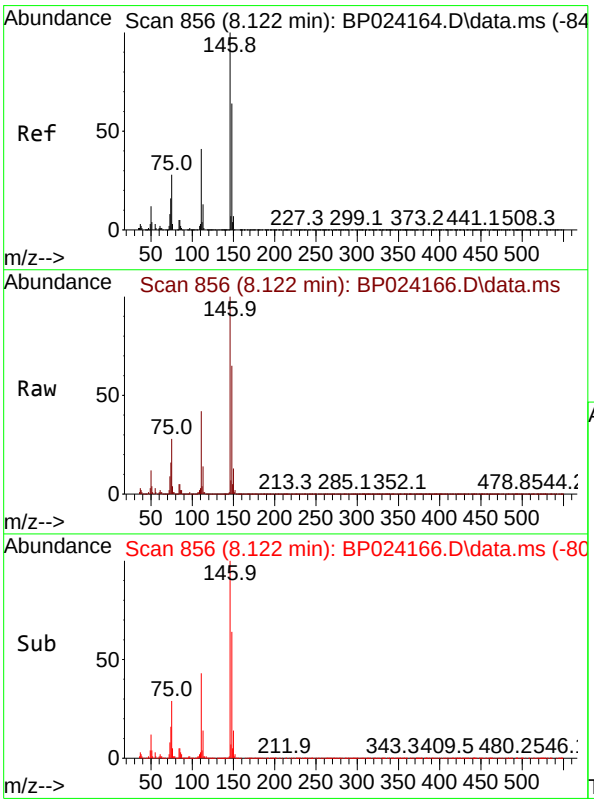
#13
1,4-Dichlorobenzene
Concen: 59.836 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1778400

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	39.4	31.4	47.2

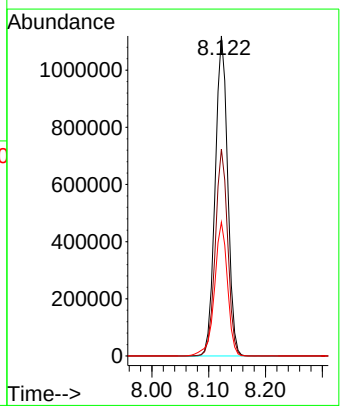


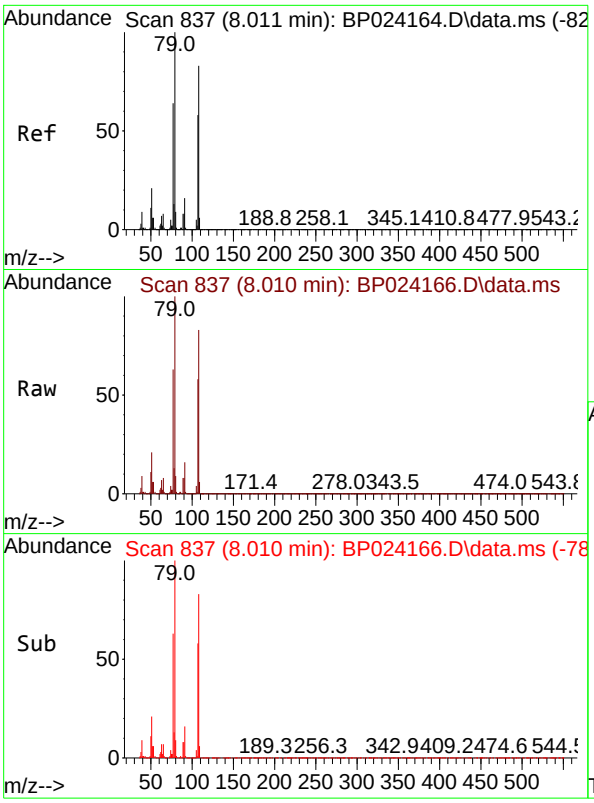


#14
1,2-Dichlorobenzene
Concen: 59.737 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:146 Resp: 1703894

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	41.8	33.2	49.8



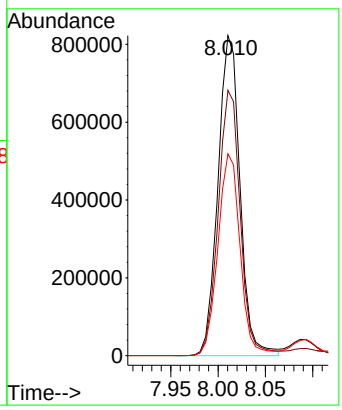


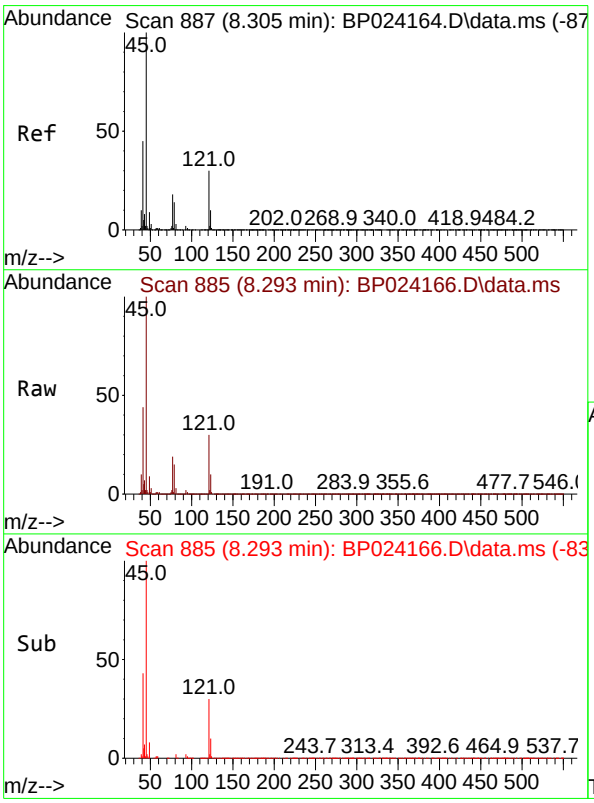
#15
Benzyl Alcohol
Concen: 67.021 ng
RT: 8.010 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1332675

Ion	Ratio	Lower	Upper
79	100		
108	82.9	66.5	99.7
77	63.1	50.9	76.3

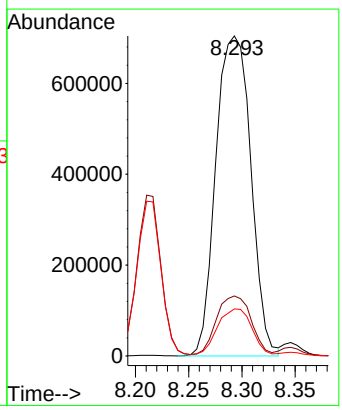


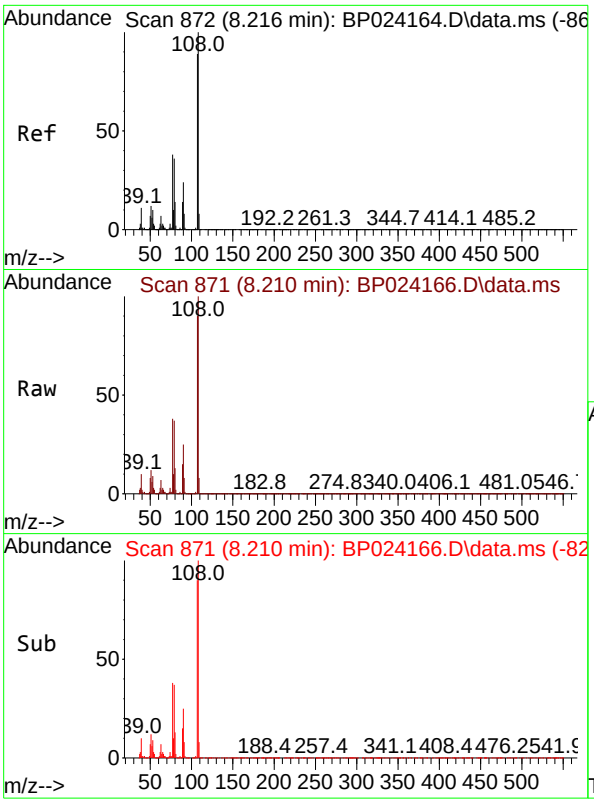


#16
2,2'-oxybis(1-Chloropropane)
Concen: 64.502 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 45 Resp: 1610981

Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	39.0
79	14.7	0.0	35.6



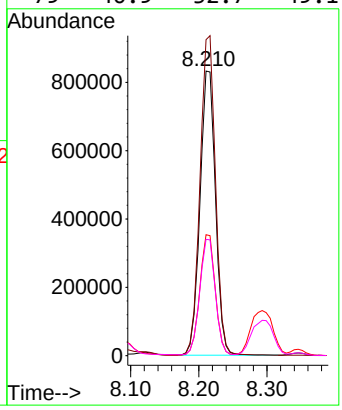


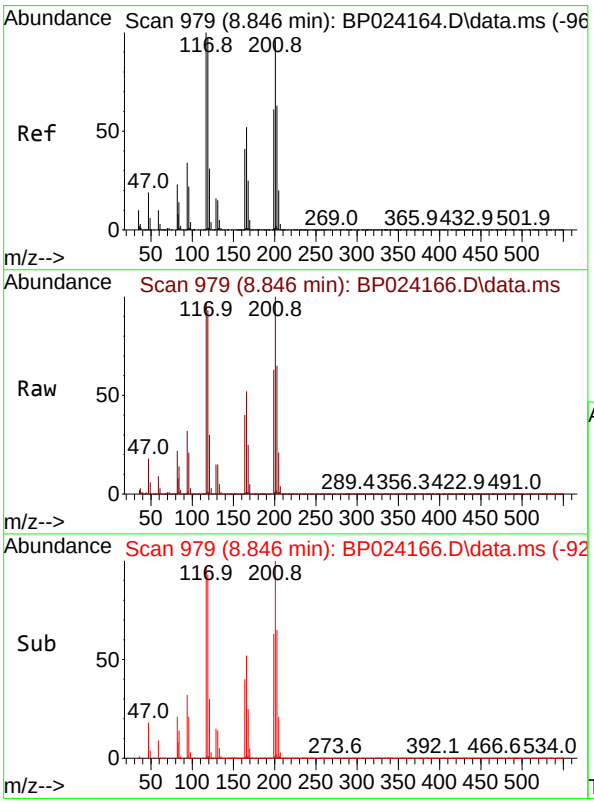
#17
2-Methylphenol
Concen: 66.132 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1316438

Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.0	135.0
77	42.5	34.0	51.0
79	40.9	32.7	49.1

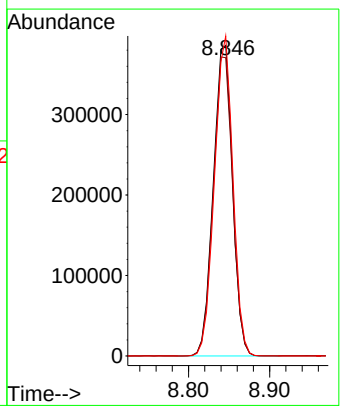


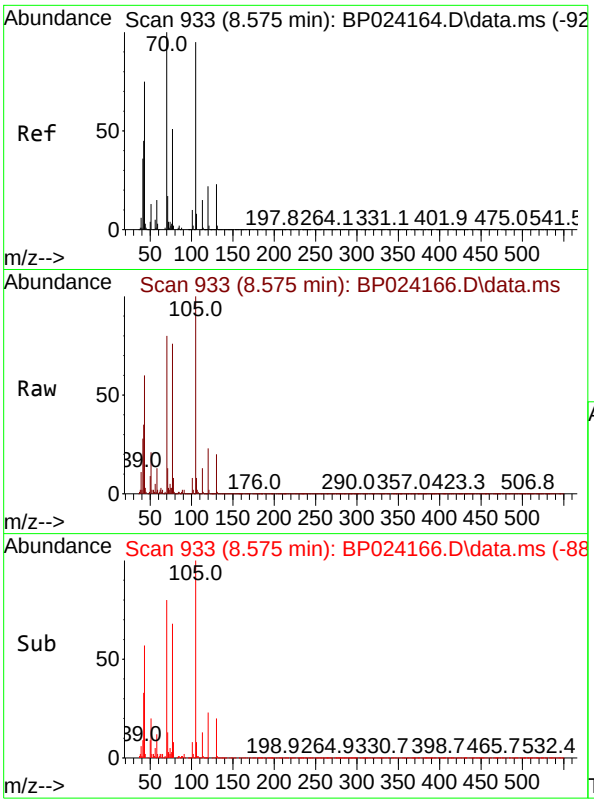


#18
Hexachloroethane
Concen: 59.498 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:117 Resp: 636840

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	103.0	76.6	114.8



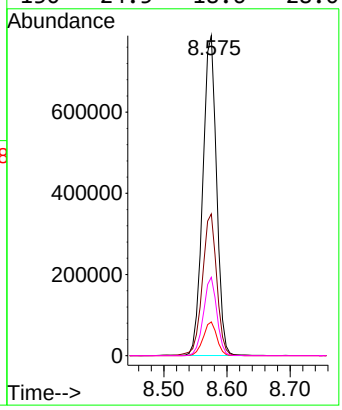


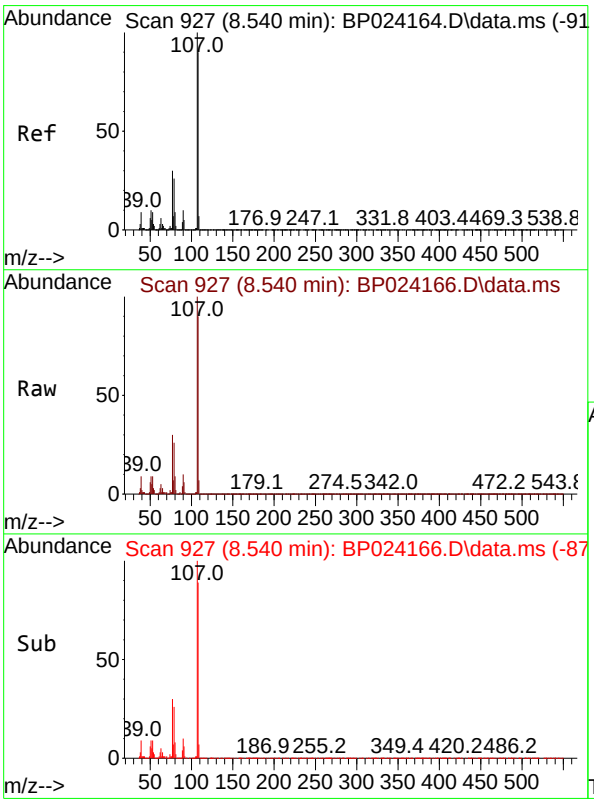
#19
n-Nitroso-di-n-propylamine
Concen: 68.227 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1191669

Ion	Ratio	Lower	Upper
70	100		
42	44.3	36.0	54.0
101	10.6	8.3	12.5
130	24.5	18.6	28.0

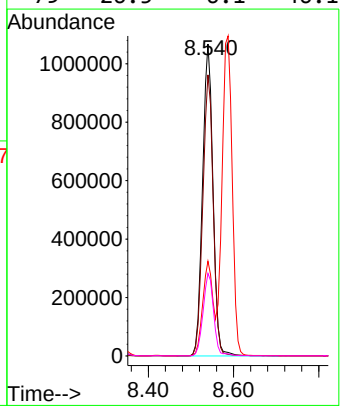


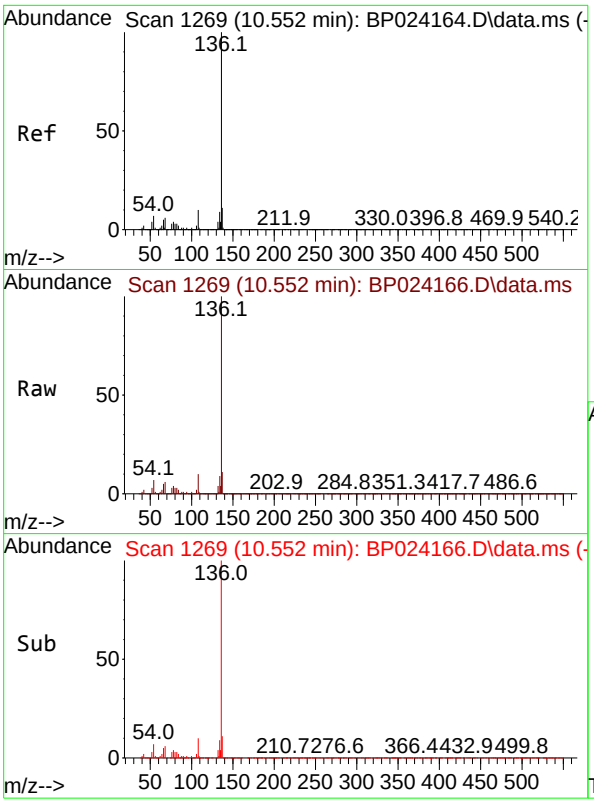


#20
3+4-Methylphenols
Concen: 66.838 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:107 Resp: 1809984

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.7	109.7
77	30.4	10.3	50.3
79	26.5	6.1	46.1



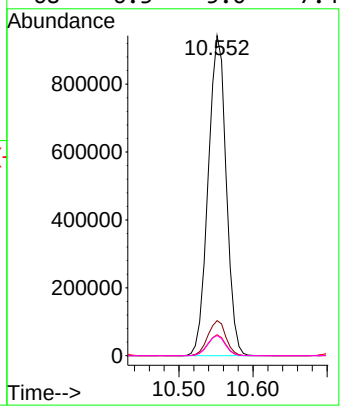


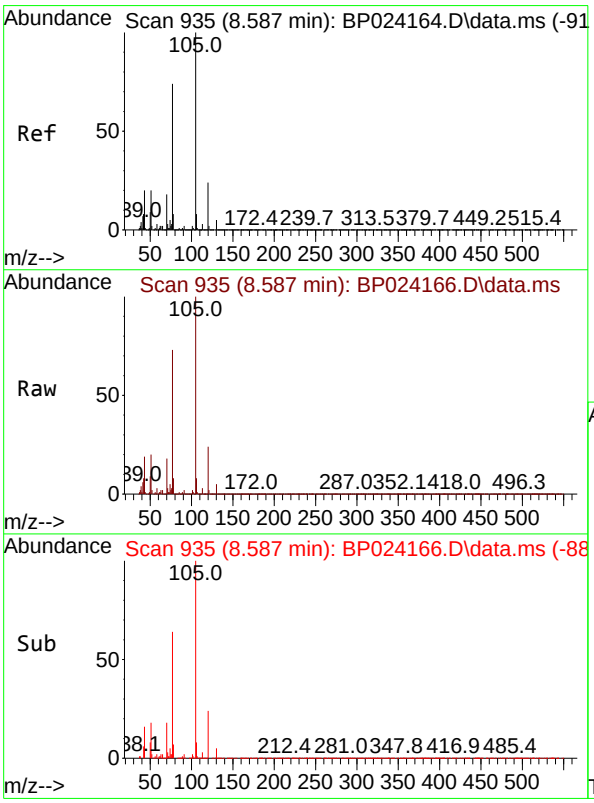
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1591612

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	5.3	7.9
68	6.3	5.0	7.4

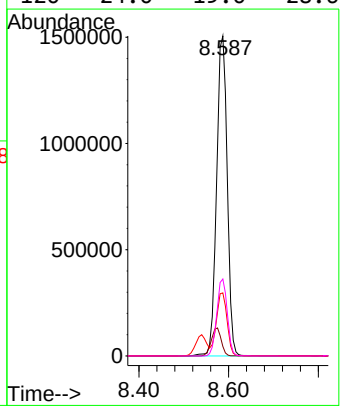


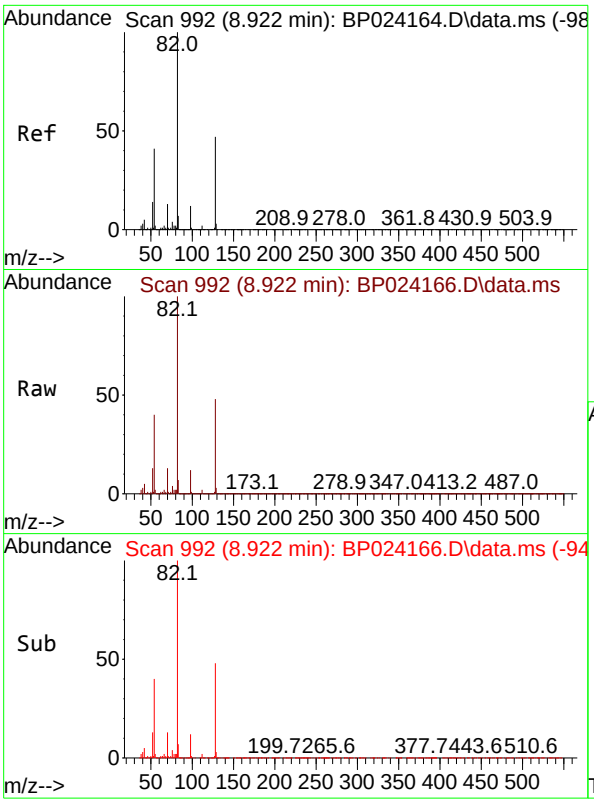


#22
Acetophenone
Concen: 60.600 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:105 Resp: 2478568

Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.4	3.6
51	19.7	16.2	24.2
120	24.0	19.0	28.6



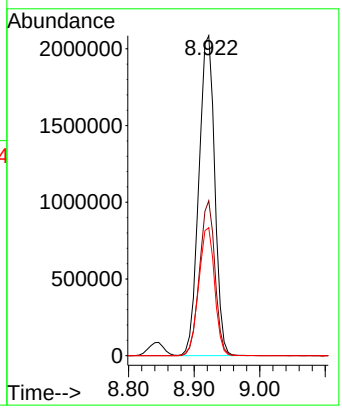


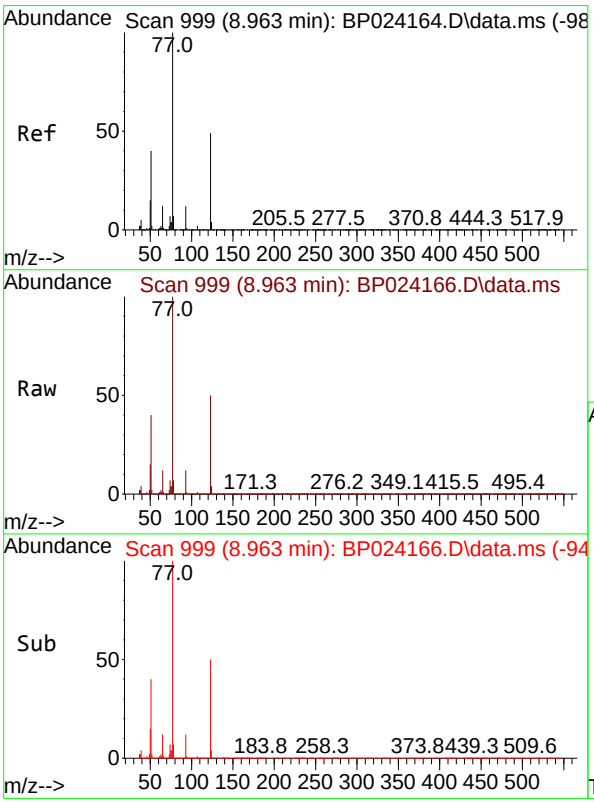
#23
Nitrobenzene-d5
Concen: 123.247 ng
RT: 8.922 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3516139

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.4	56.0
54	40.0	32.5	48.7

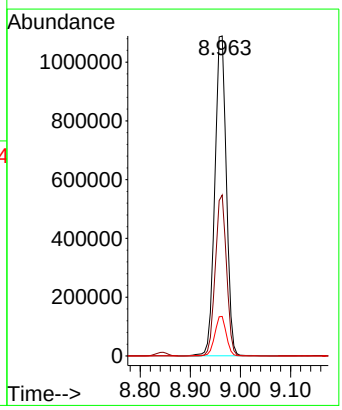


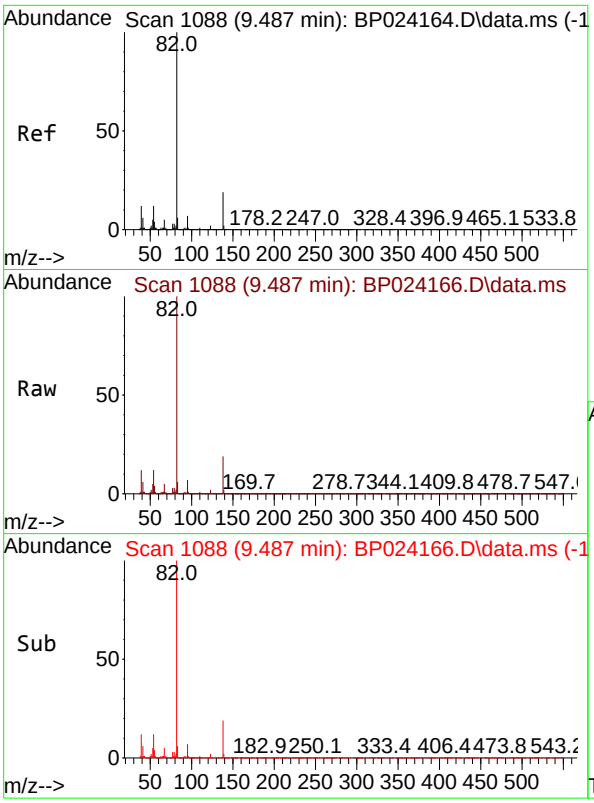


#24
Nitrobenzene
Concen: 61.673 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 77 Resp: 1731589

Ion	Ratio	Lower	Upper
77	100		
123	50.3	39.4	59.2
65	12.3	9.9	14.9



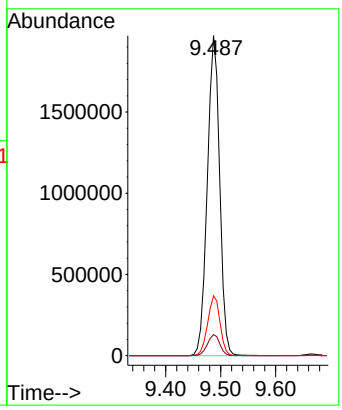


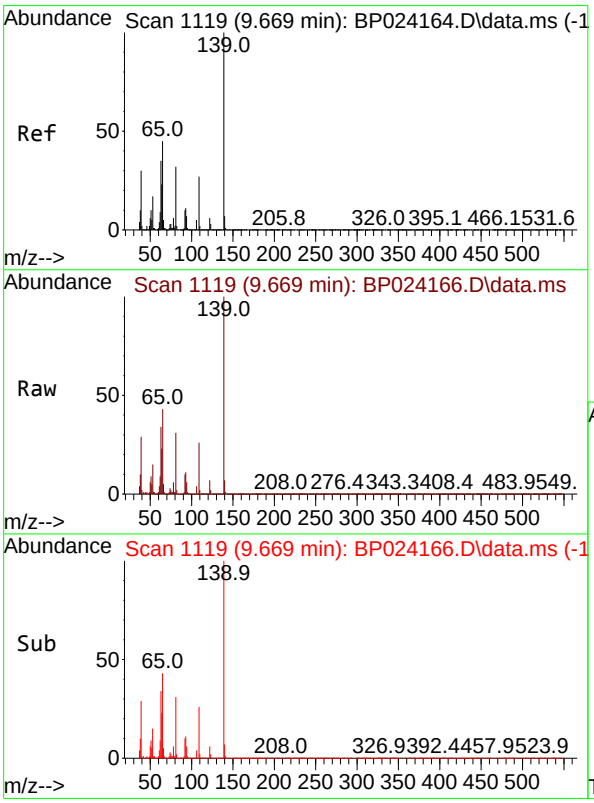
#25
Isophorone
Concen: 65.658 ng
RT: 9.487 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3063158

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.7	14.8	22.2

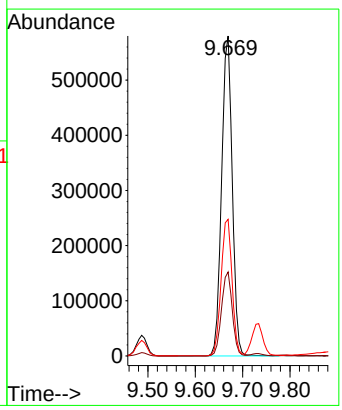


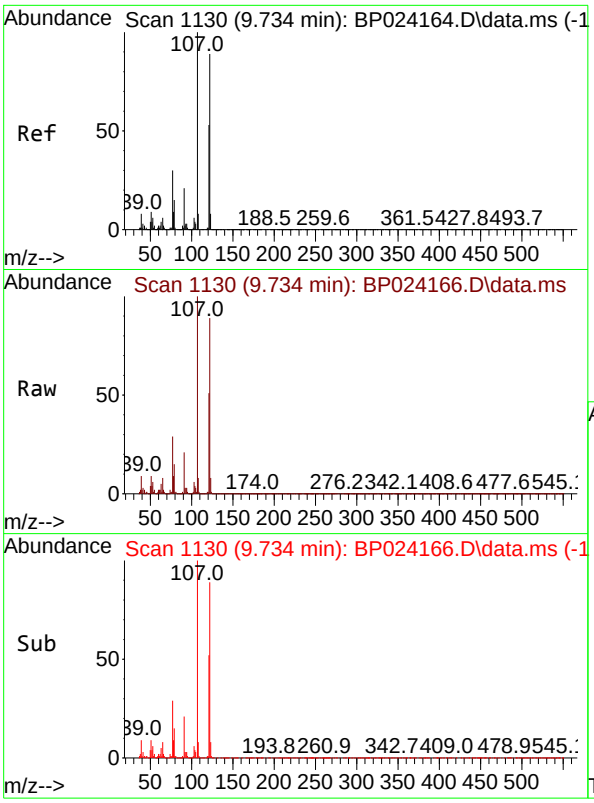


#26
2-Nitrophenol
Concen: 69.941 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:139 Resp: 904714

Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.7	32.5
65	42.7	35.8	53.8



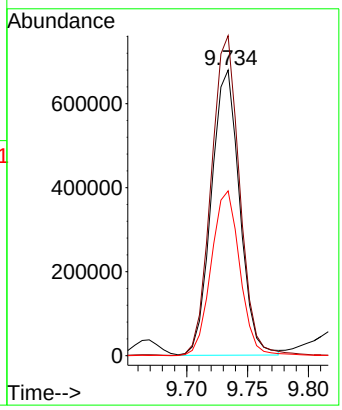


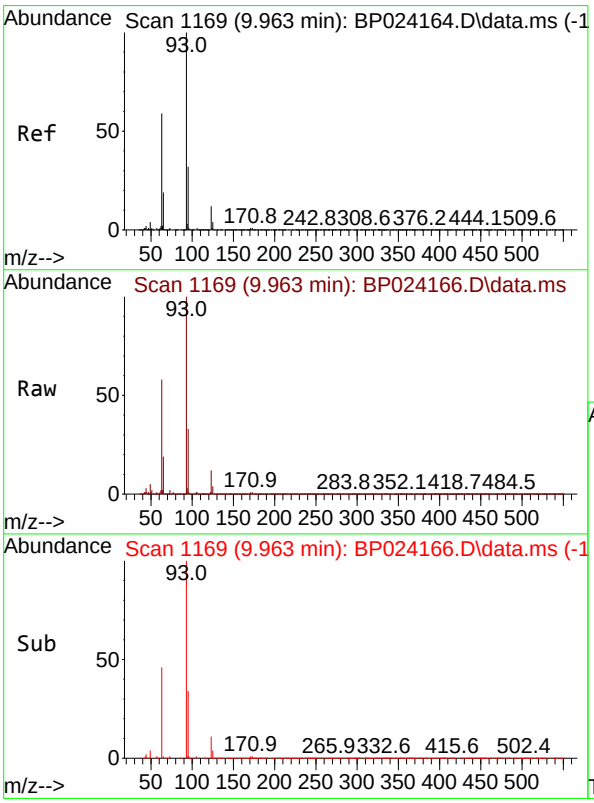
#27
2,4-Dimethylphenol
Concen: 64.534 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 1095778

Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.3	133.9
121	57.7	47.5	71.3

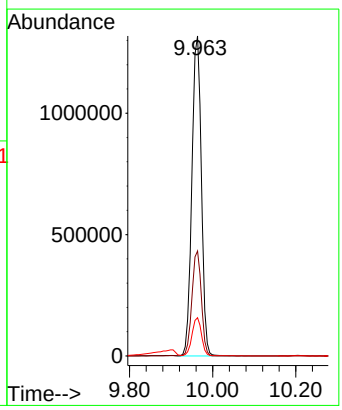


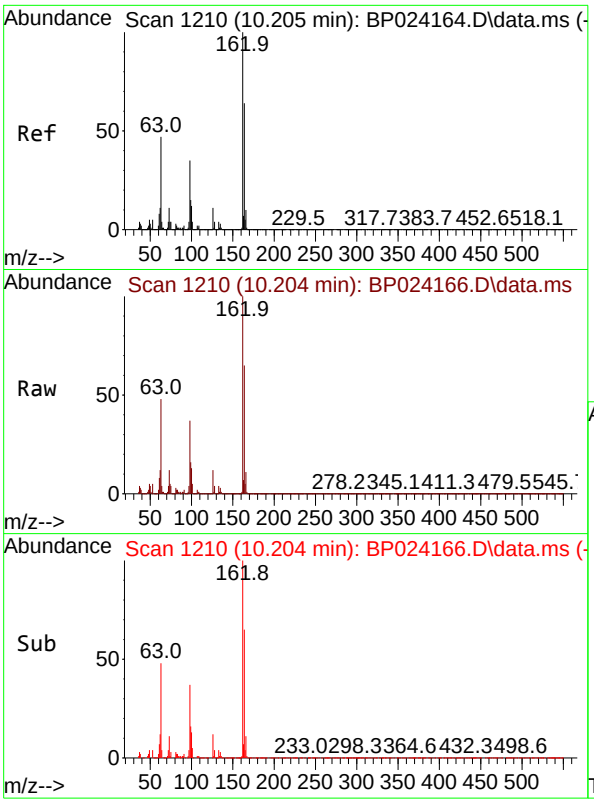


#28
bis(2-Chloroethoxy)methane
Concen: 61.742 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 93 Resp: 2086687

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.9	38.9
123	12.0	9.5	14.3



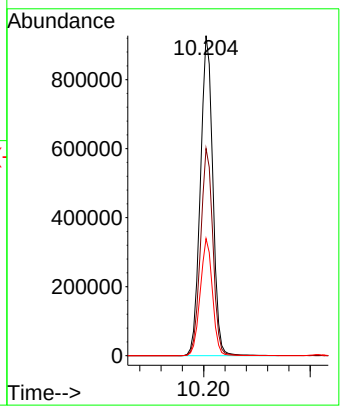


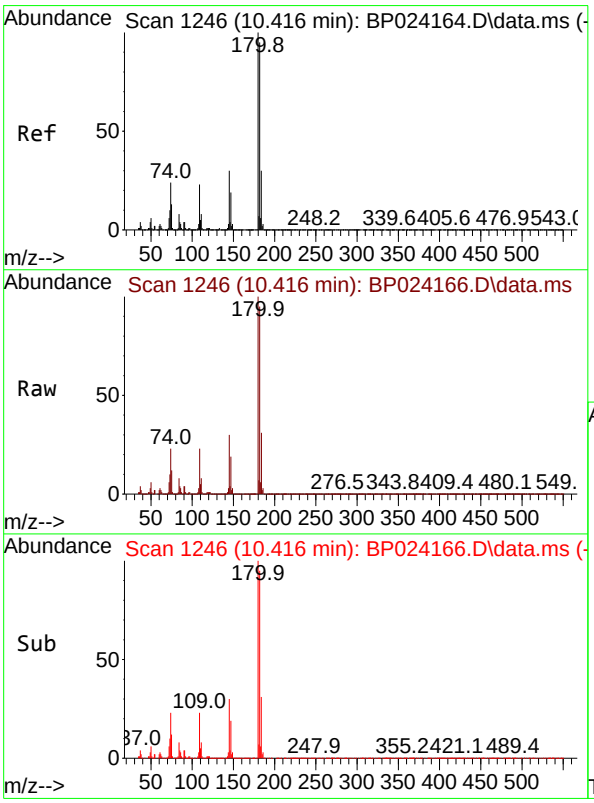
#29
2,4-Dichlorophenol
Concen: 64.609 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1497152

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.2	84.2
98	36.6	15.1	55.1

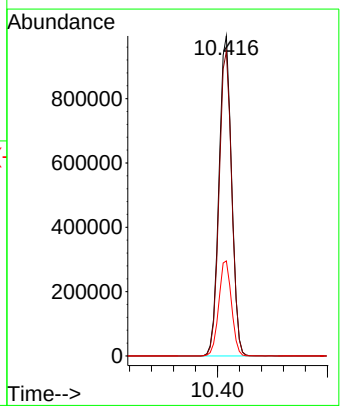


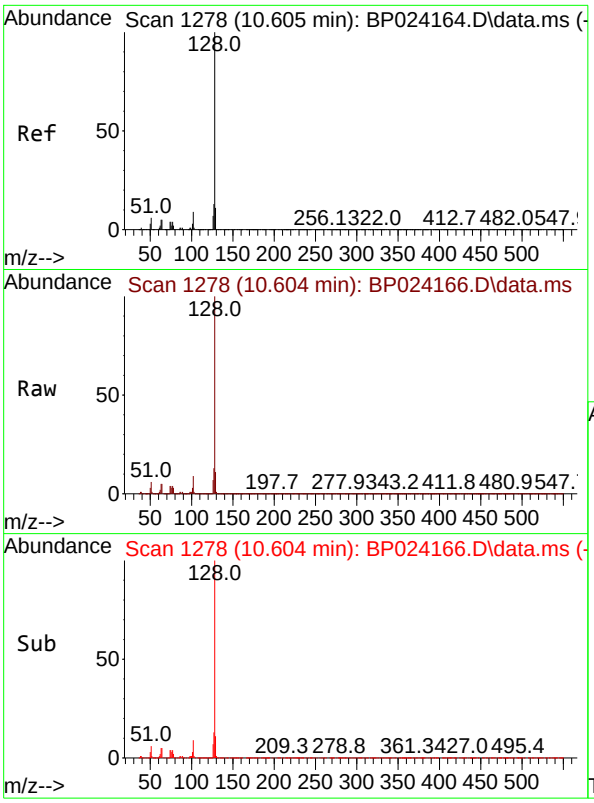


#30
1,2,4-Trichlorobenzene
Concen: 59.453 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:180 Resp: 1578453

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
145	29.7	24.2	36.2



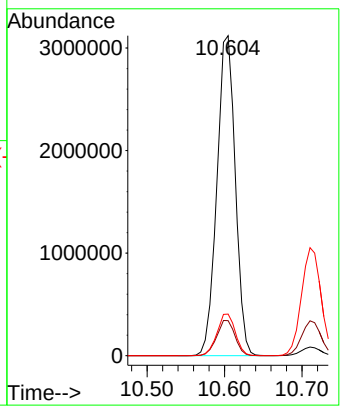


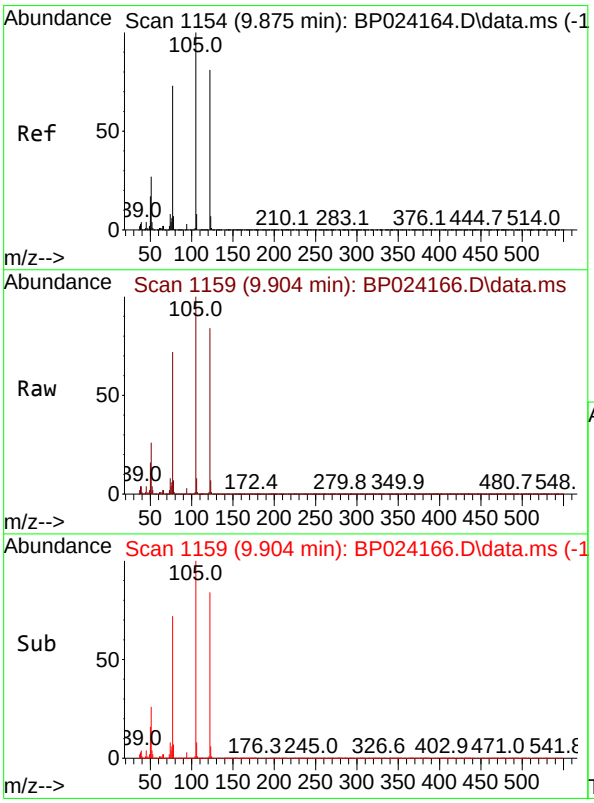
#31
Naphthalene
Concen: 60.129 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 5145859

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6

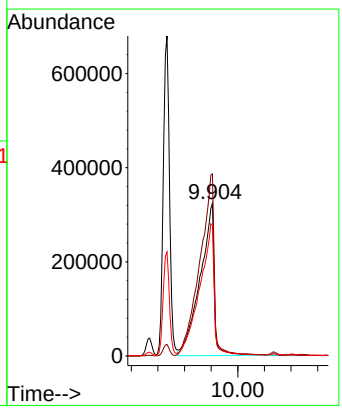


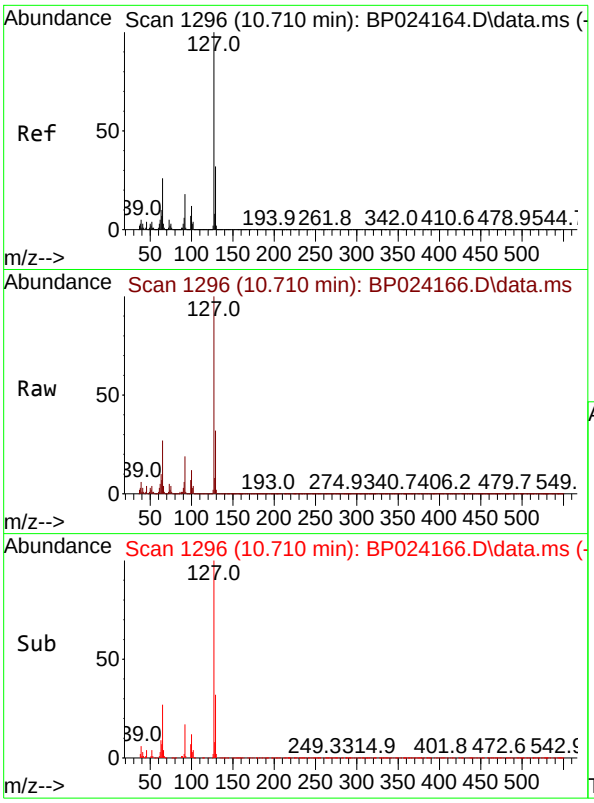


#32
Benzoic acid
Concen: 77.325 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.029 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:122 Resp: 1203679

Ion	Ratio	Lower	Upper
122	100		
105	119.3	100.3	140.3
77	85.8	69.1	109.1



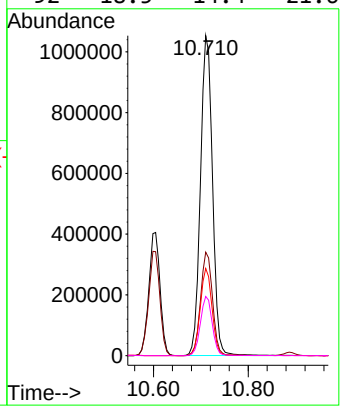


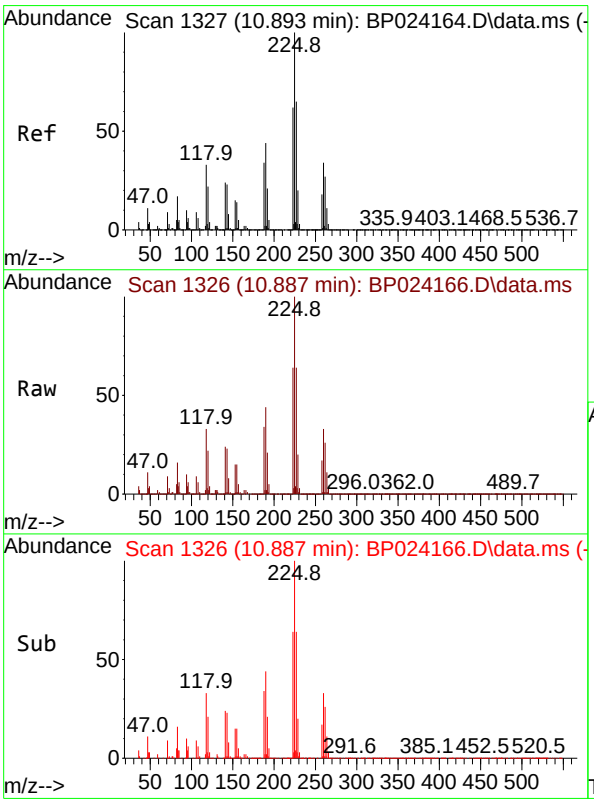
#33
4-Chloroaniline
Concen: 61.665 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1859148

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	27.3	21.2	31.8
92	18.5	14.4	21.6

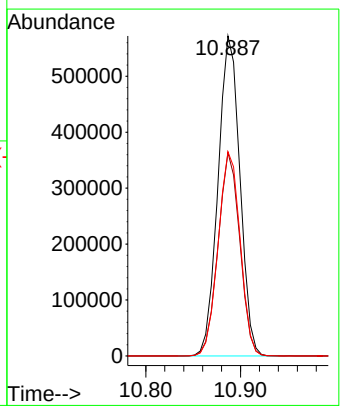


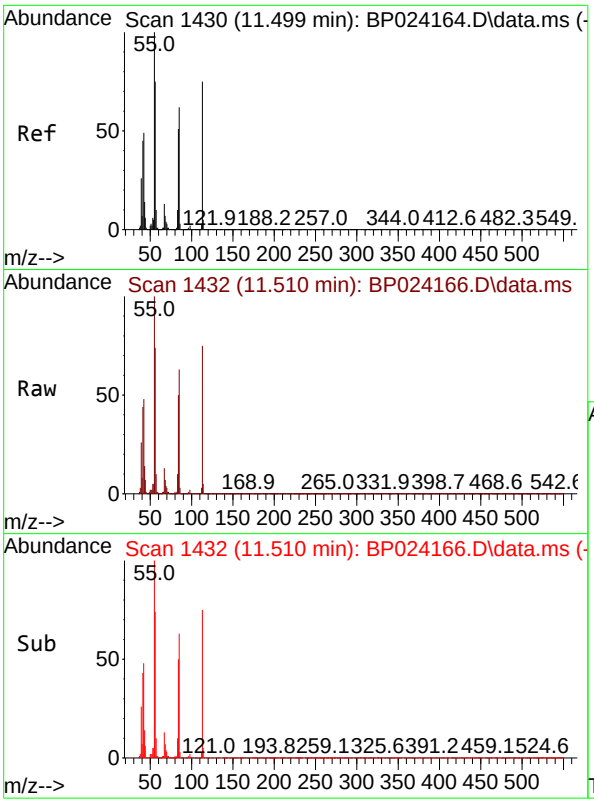


#34
Hexachlorobutadiene
Concen: 59.699 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:225 Resp: 918034

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	63.8	52.2	78.2



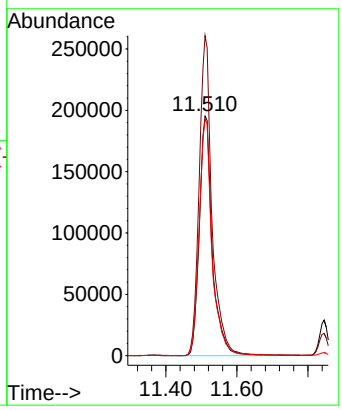


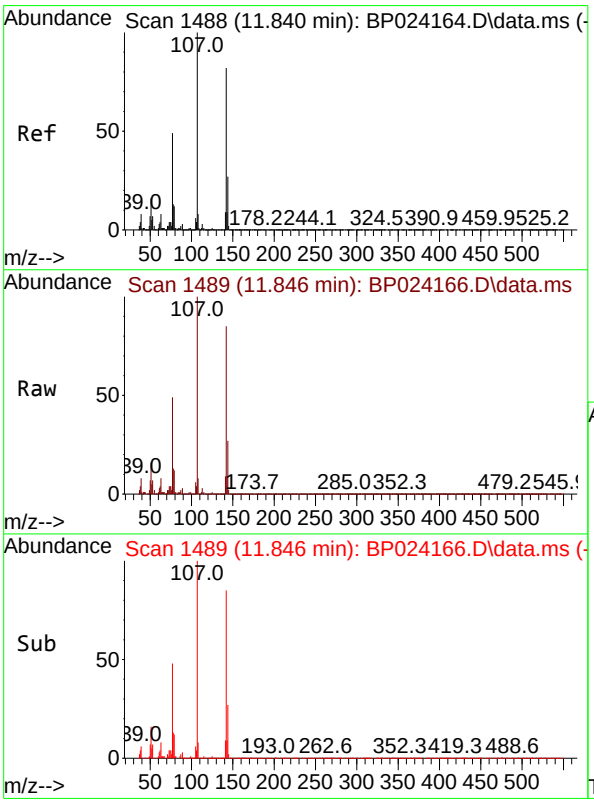
#35
Caprolactam
Concen: 70.784 ng
RT: 11.510 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 496683

Ion	Ratio	Lower	Upper
113	100		
55	133.6	113.6	153.6
56	98.8	80.0	120.0

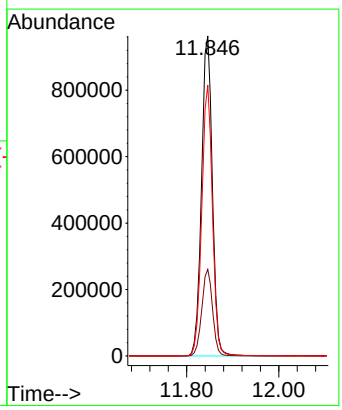


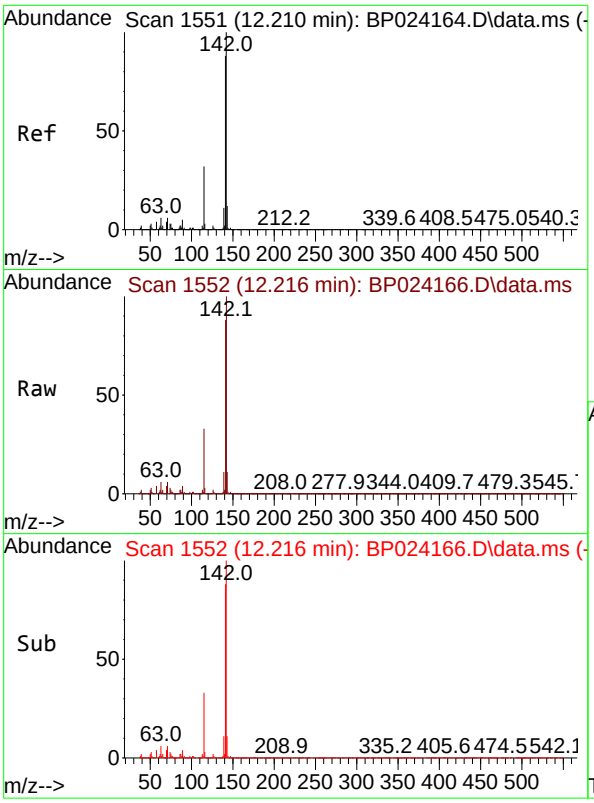


#36
4-Chloro-3-methylphenol
Concen: 66.451 ng
RT: 11.846 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:107 Resp: 1582952

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.6	32.4
142	84.6	65.4	98.0



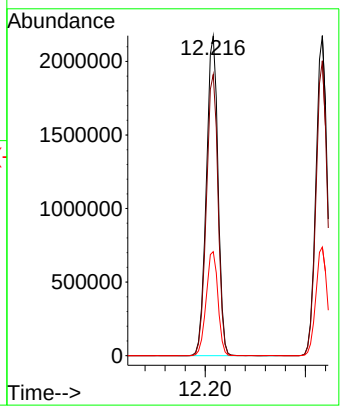


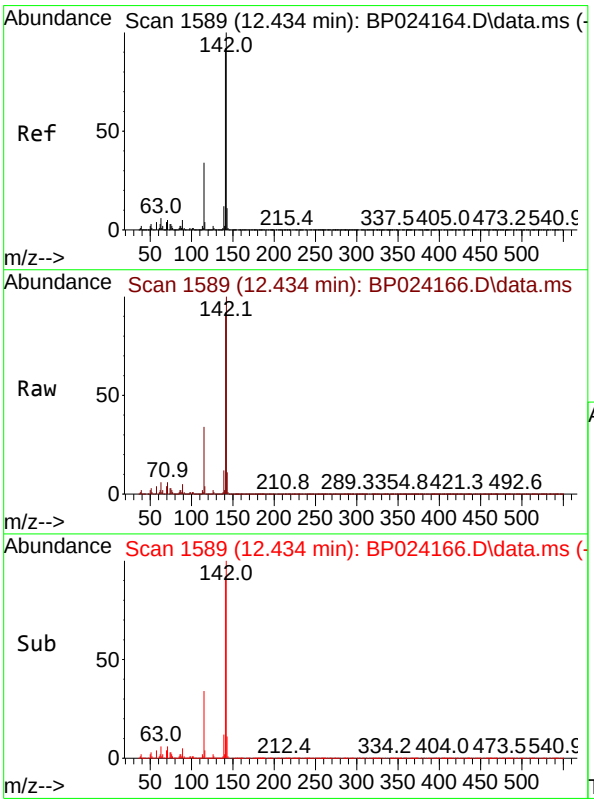
#37
2-Methylnaphthalene
Concen: 61.618 ng
RT: 12.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 3504891

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	32.6	26.0	39.0

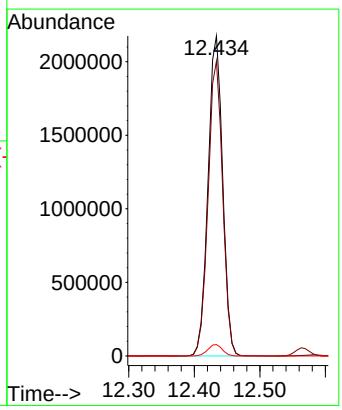


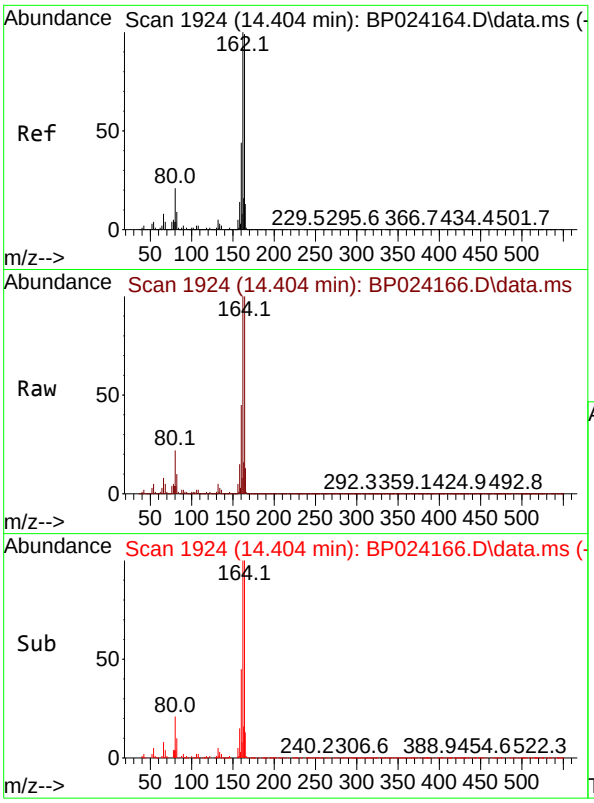


#38
1-Methylnaphthalene
Concen: 60.802 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:142 Resp: 3364504

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.9	110.9
116	3.6	2.8	4.2



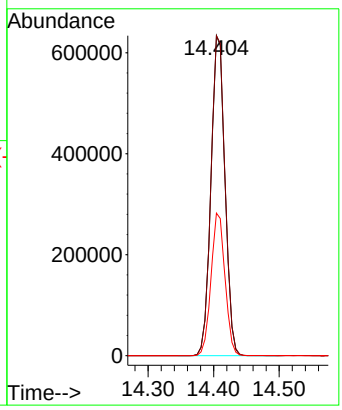


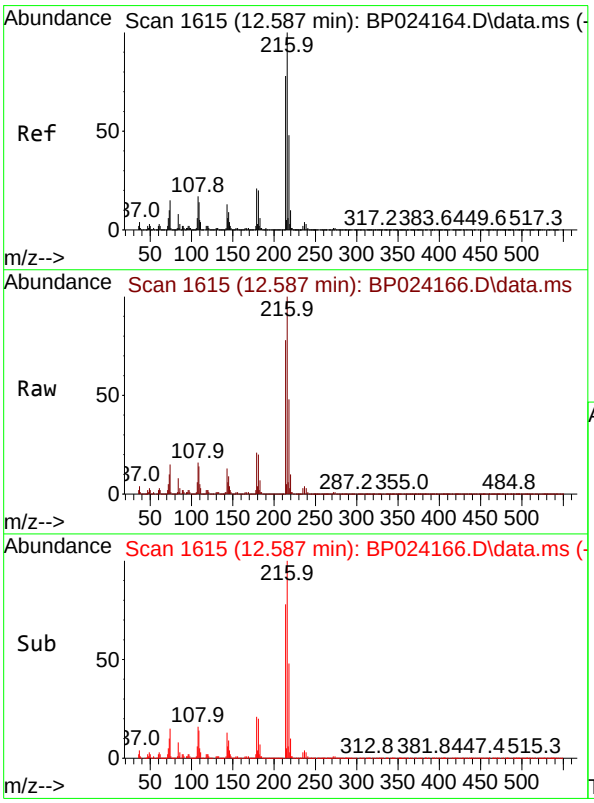
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 936110

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	44.5	35.4	53.2

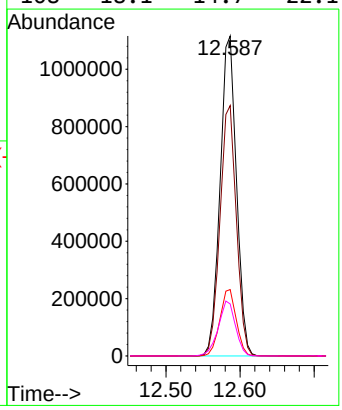


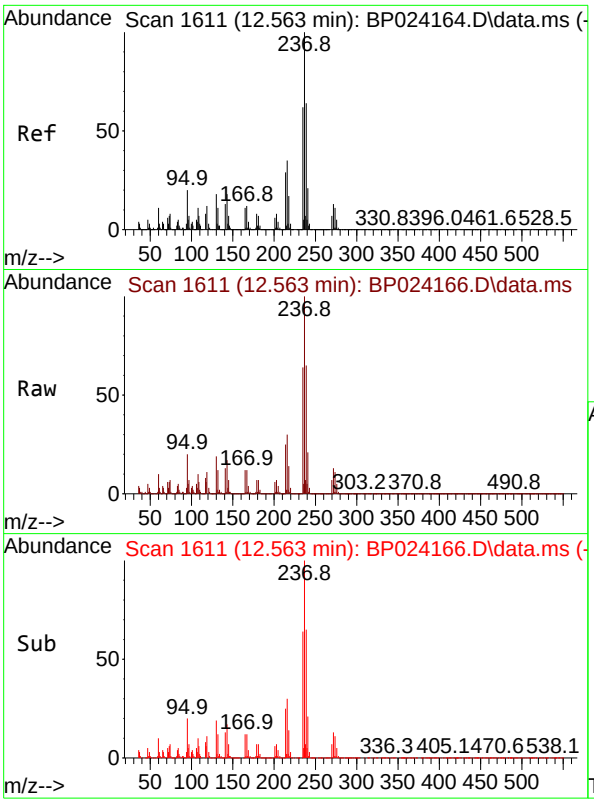


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.382 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:216 Resp: 1707961

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	20.9	16.8	25.2
108	18.1	14.7	22.1



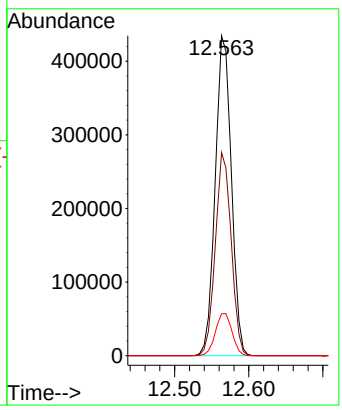


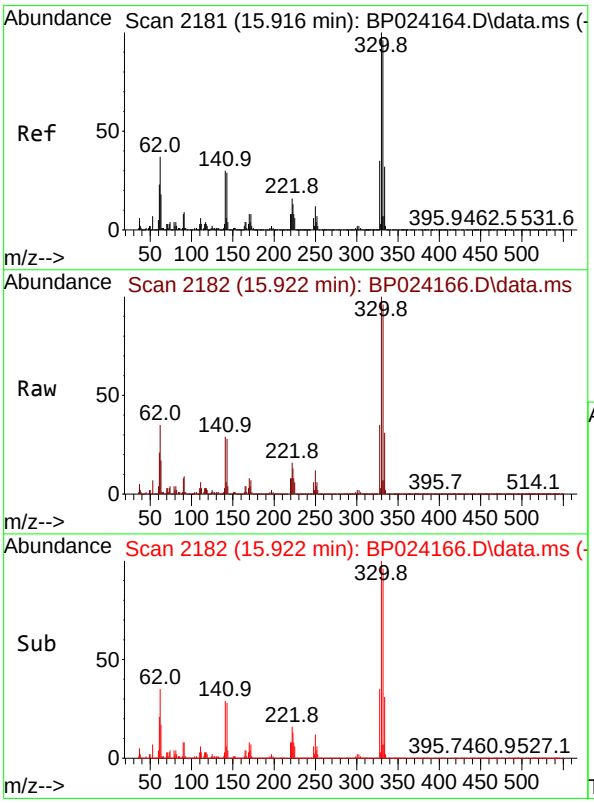
#41
Hexachlorocyclopentadiene
Concen: 61.365 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 656781

Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.8	81.8
272	13.1	0.0	33.5

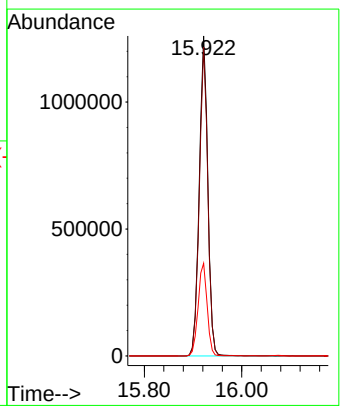


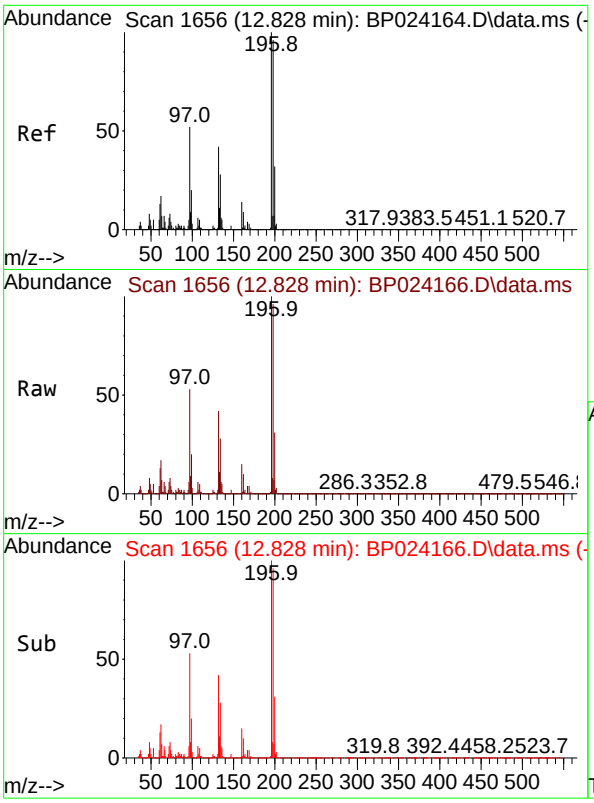


#42
2,4,6-Tribromophenol
Concen: 134.511 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:330 Resp: 1542341

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	30.6	25.0	37.6



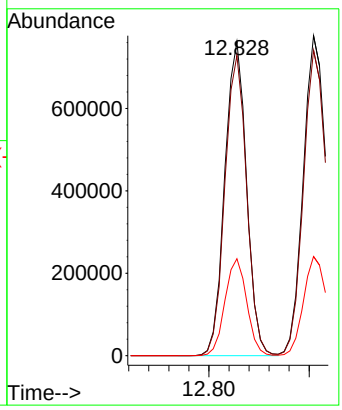


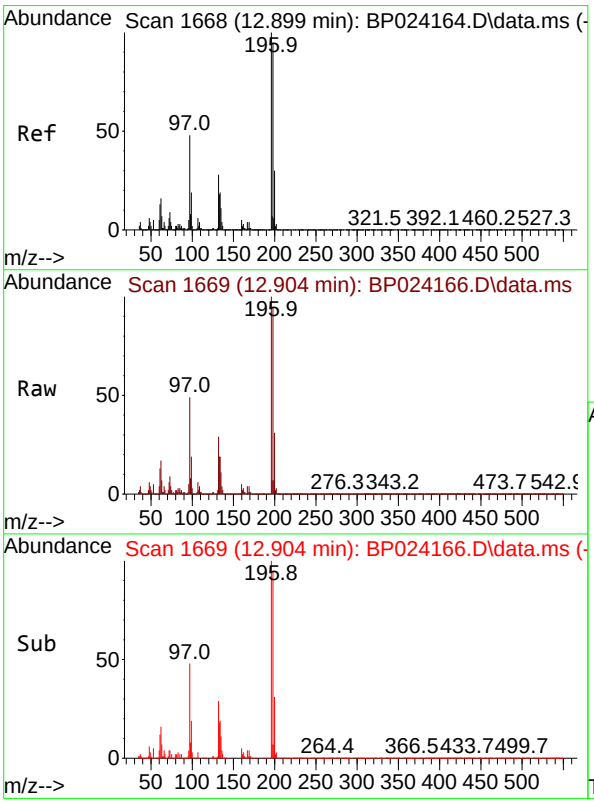
#43
2,4,6-Trichlorophenol
Concen: 65.478 ng
RT: 12.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 1148545

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	115.0
200	30.9	25.4	38.0

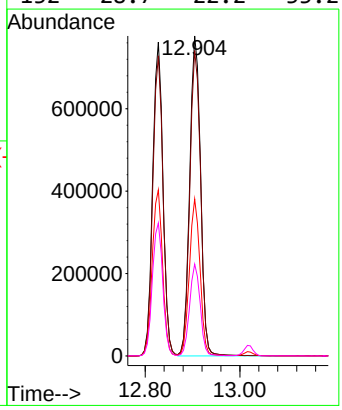


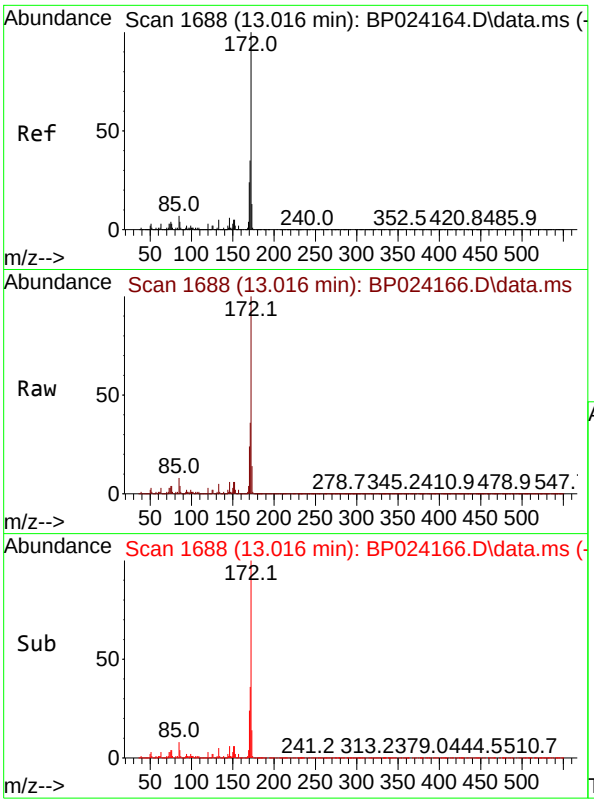


#44
2,4,5-Trichlorophenol
Concen: 64.282 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:196 Resp: 1233147

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.5	114.7
97	49.0	38.7	58.1
132	28.7	22.2	33.2



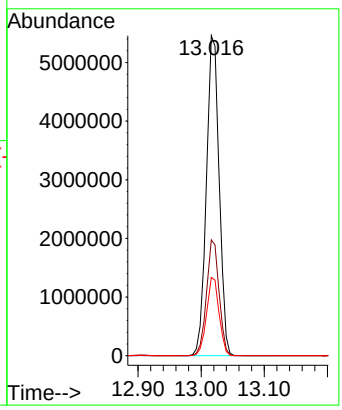


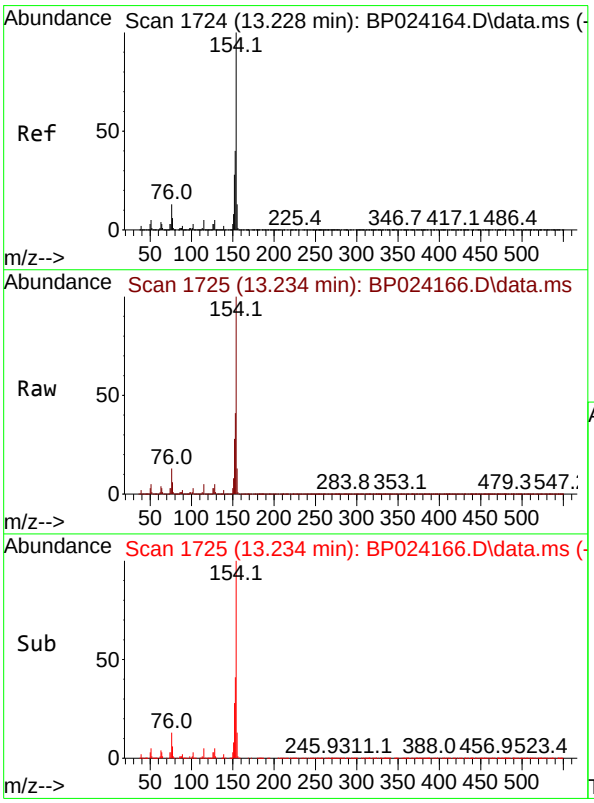
#45
2-Fluorobiphenyl
Concen: 114.626 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 7675412

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	24.5	19.0	28.4

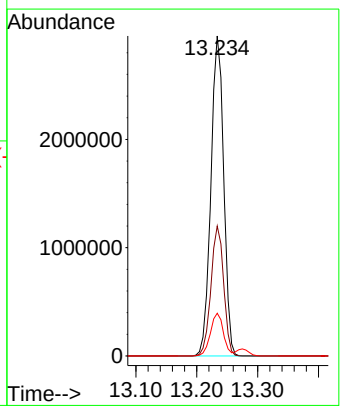


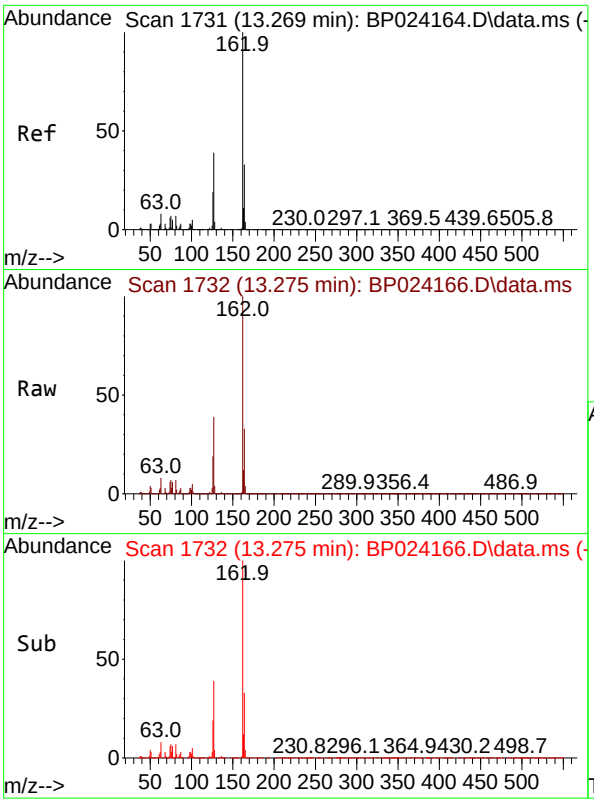


#46
1,1'-Biphenyl
Concen: 59.291 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:154 Resp: 4312903

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.4	0.0	32.9



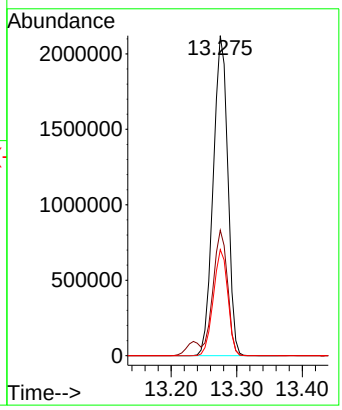


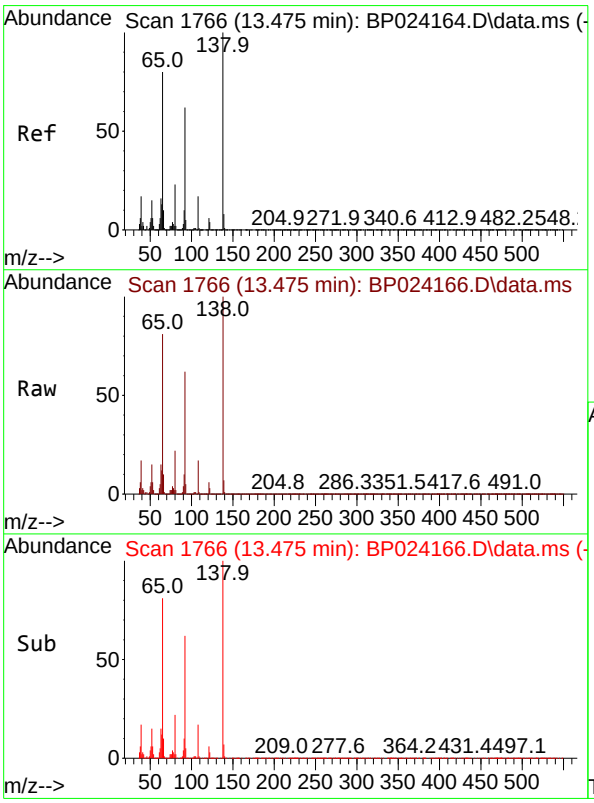
#47
2-Chloronaphthalene
Concen: 59.452 ng
RT: 13.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 3269176

Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.5	47.3
164	33.2	26.6	39.8

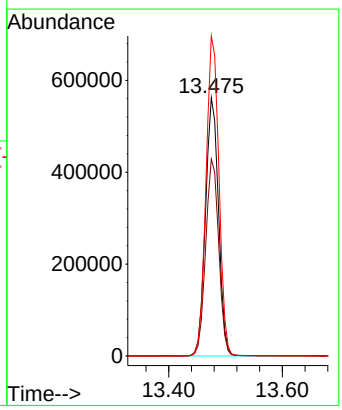


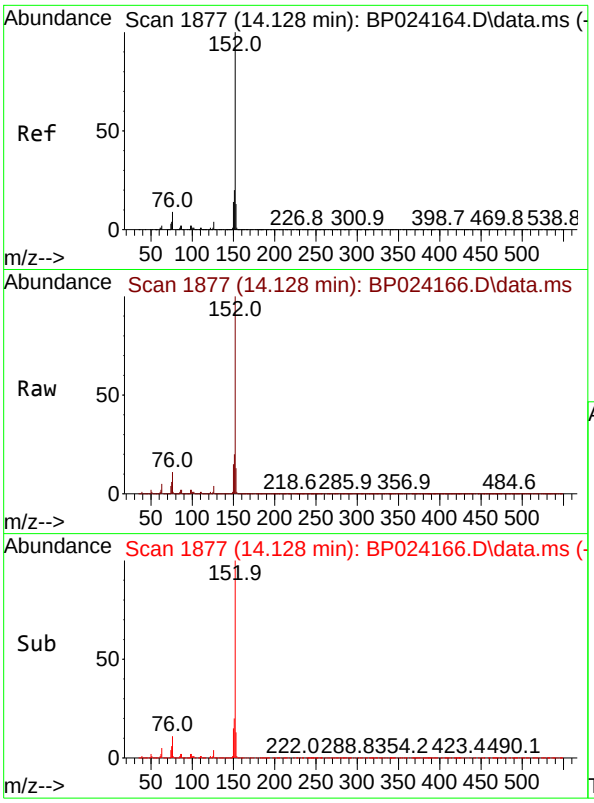


#48
2-Nitroaniline
Concen: 68.533 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 65 Resp: 890207

Ion	Ratio	Lower	Upper
65	100		
92	76.3	62.1	93.1
138	123.9	99.5	149.3



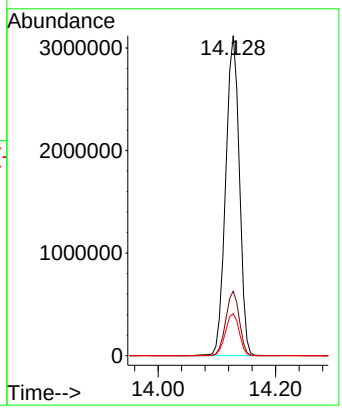


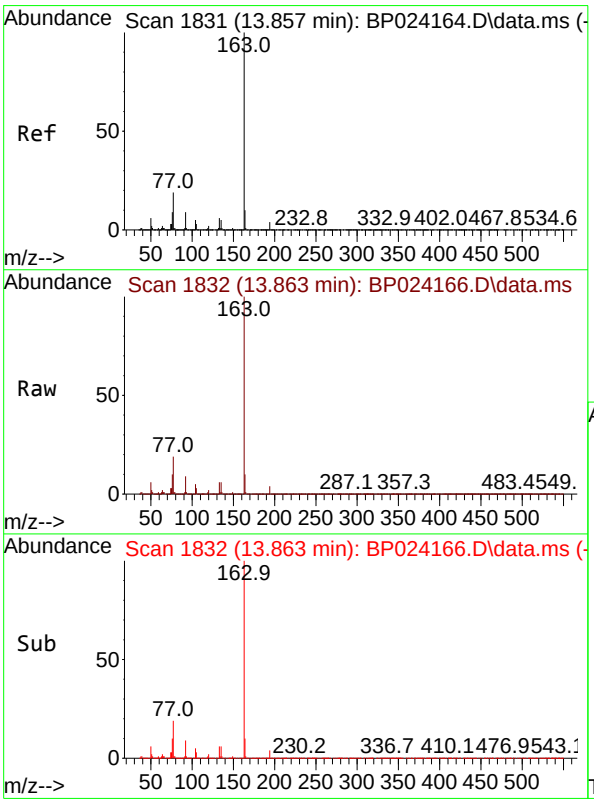
#49
Acenaphthylene
Concen: 62.024 ng
RT: 14.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 5025011

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.1	10.6	15.8

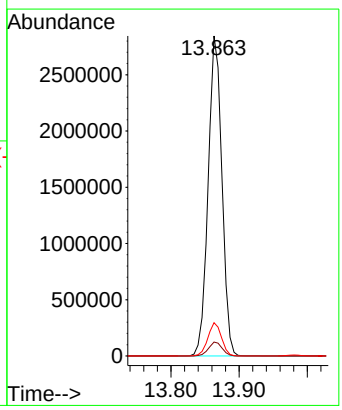


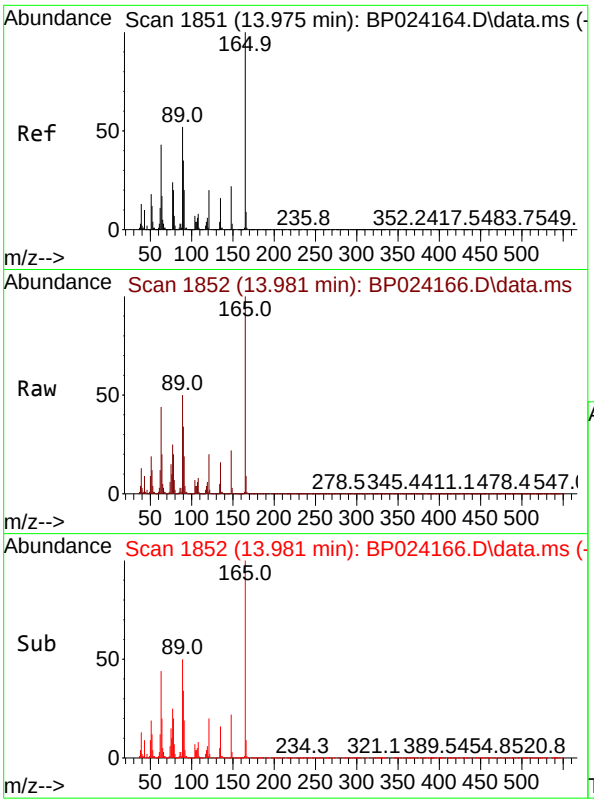


#50
Dimethylphthalate
Concen: 60.542 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:163 Resp: 3997694

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.2	12.4



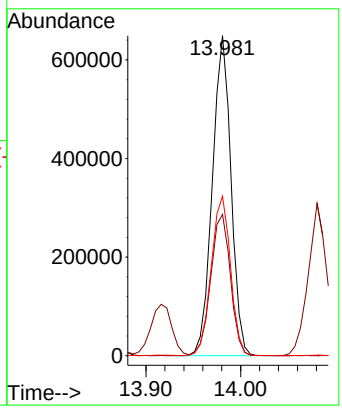


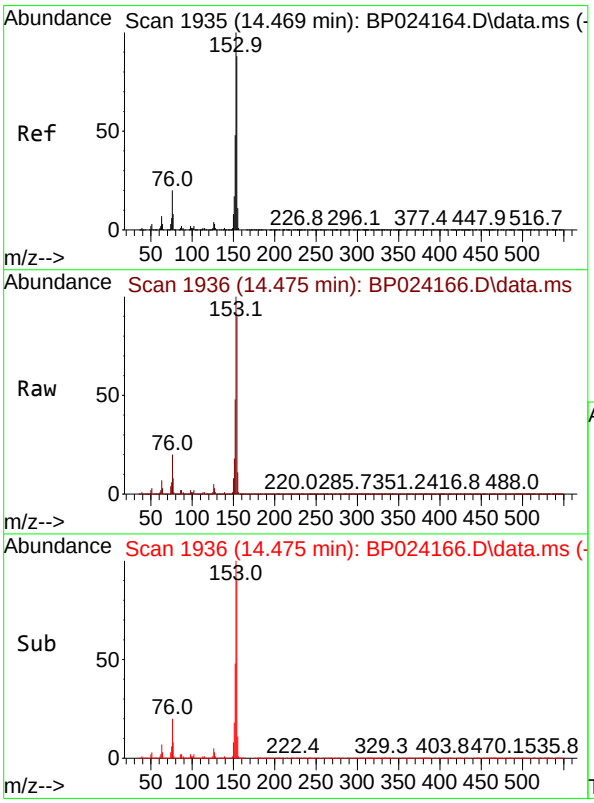
#51
2,6-Dinitrotoluene
Concen: 65.996 ng
RT: 13.981 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 887706

Ion	Ratio	Lower	Upper
165	100		
63	44.1	37.7	56.5
89	49.9	41.9	62.9

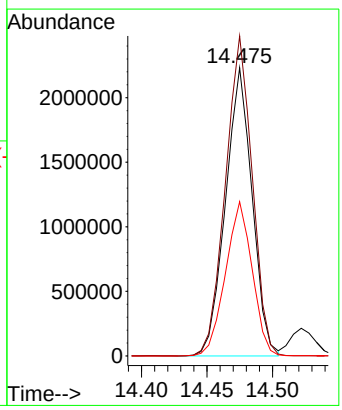


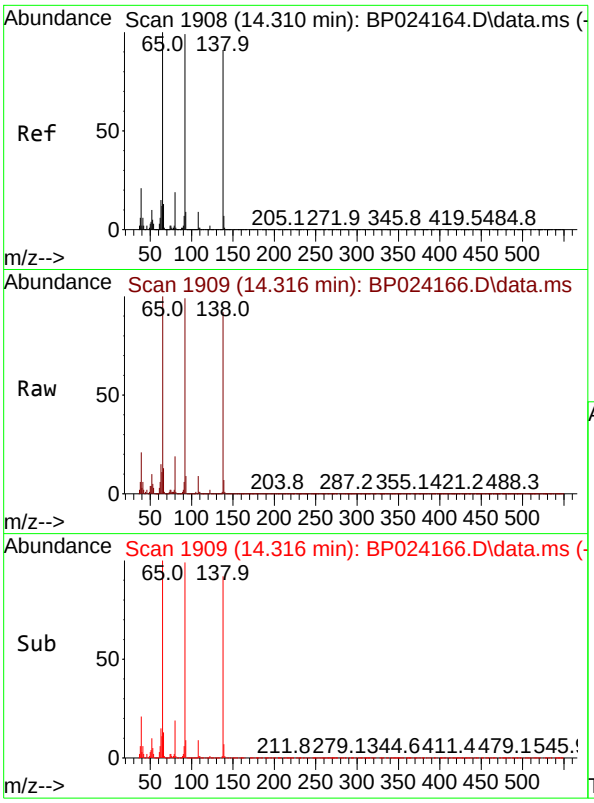


#52
Acenaphthene
Concen: 60.450 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:154 Resp: 3153799

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.5	135.7
152	53.5	43.1	64.7



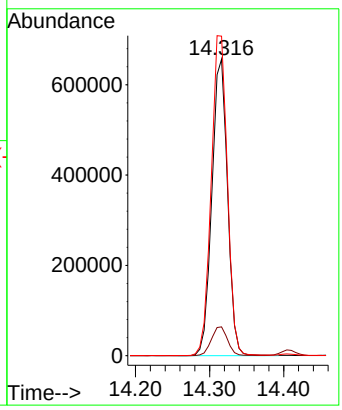


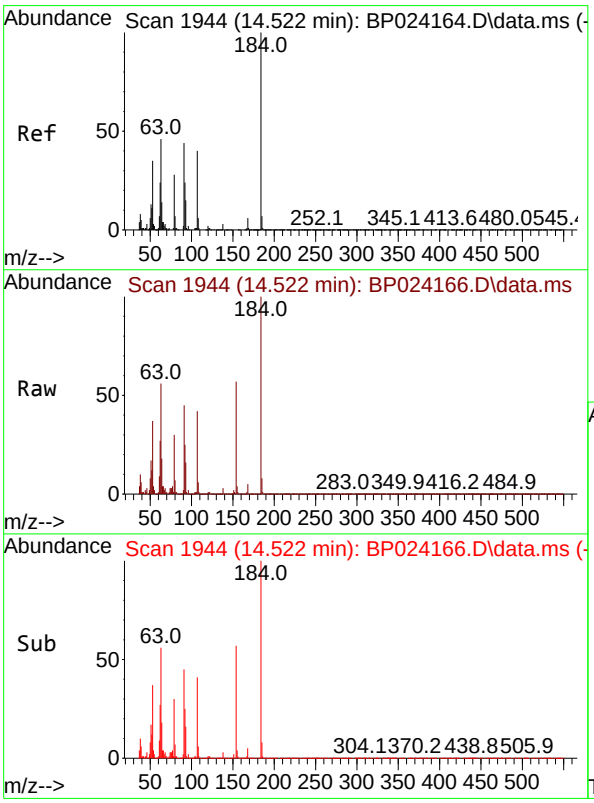
#53
3-Nitroaniline
Concen: 67.123 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 963434

Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.2	12.2
92	107.7	86.7	130.1

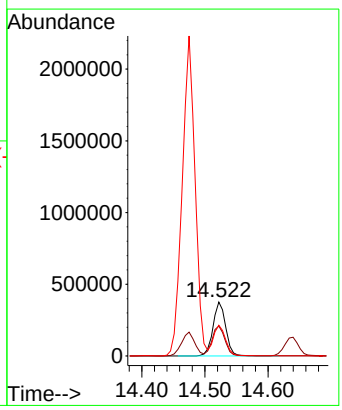


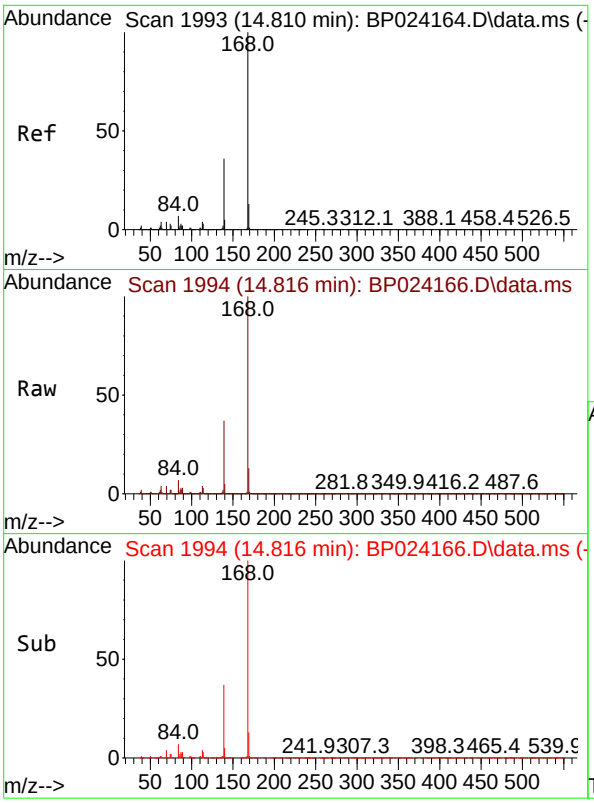


#54
2,4-Dinitrophenol
Concen: 73.093 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:184 Resp: 523590

Ion	Ratio	Lower	Upper
184	100		
63	55.6	42.1	63.1
154	56.9	44.6	67.0



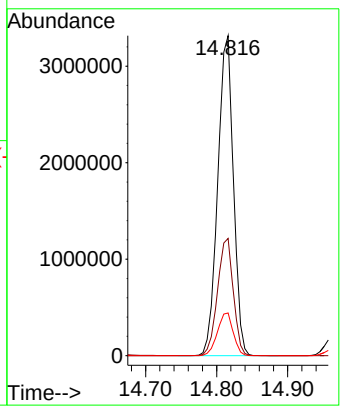


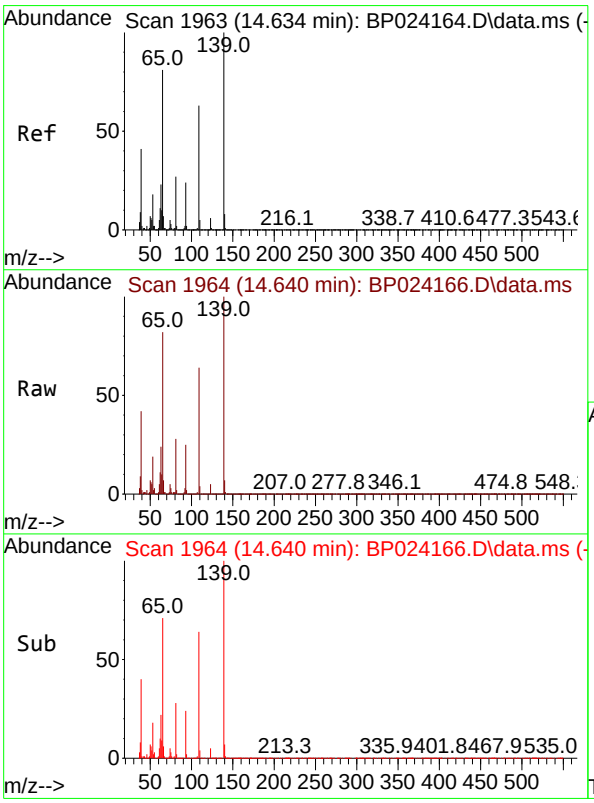
#55
Dibenzofuran
Concen: 59.602 ng
RT: 14.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 5051493

Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.1	43.7
169	13.4	10.8	16.2

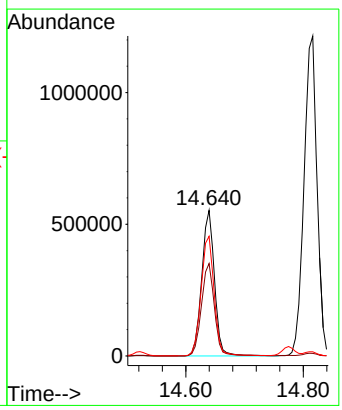


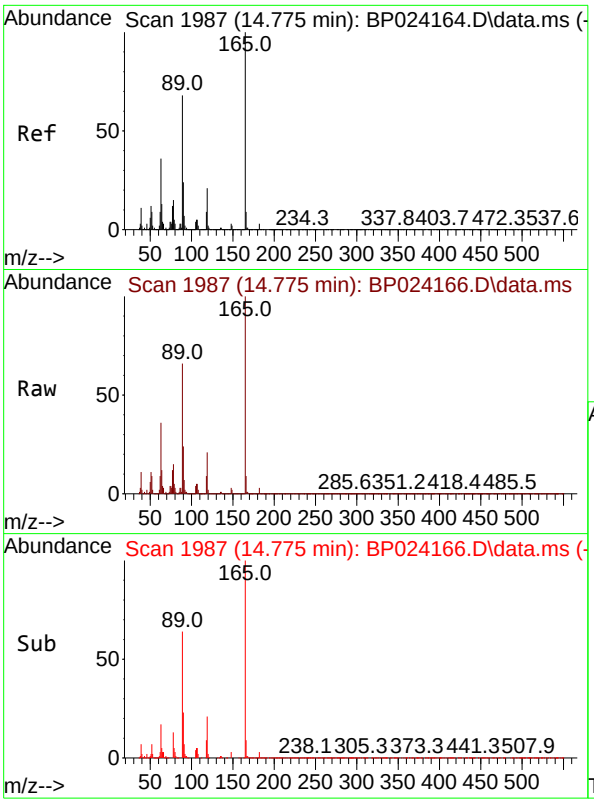


#56
4-Nitrophenol
Concen: 67.086 ng
RT: 14.640 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:139 Resp: 831765

Ion	Ratio	Lower	Upper
139	100		
109	63.5	43.3	83.3
65	82.1	61.2	101.2



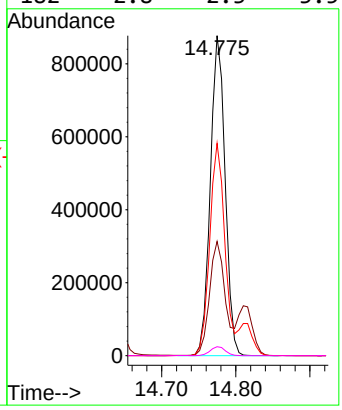


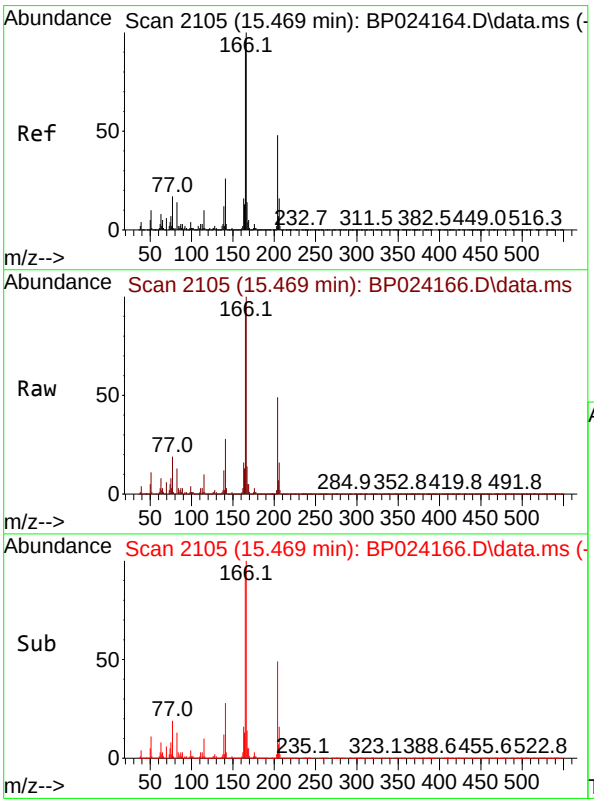
#57
2,4-Dinitrotoluene
Concen: 69.346 ng
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1211692

Ion	Ratio	Lower	Upper
165	100		
63	35.7	29.0	43.6
89	66.4	54.2	81.4
182	2.8	2.3	3.5

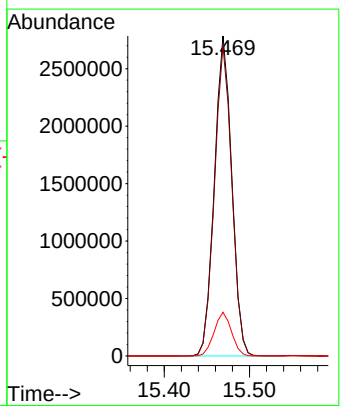


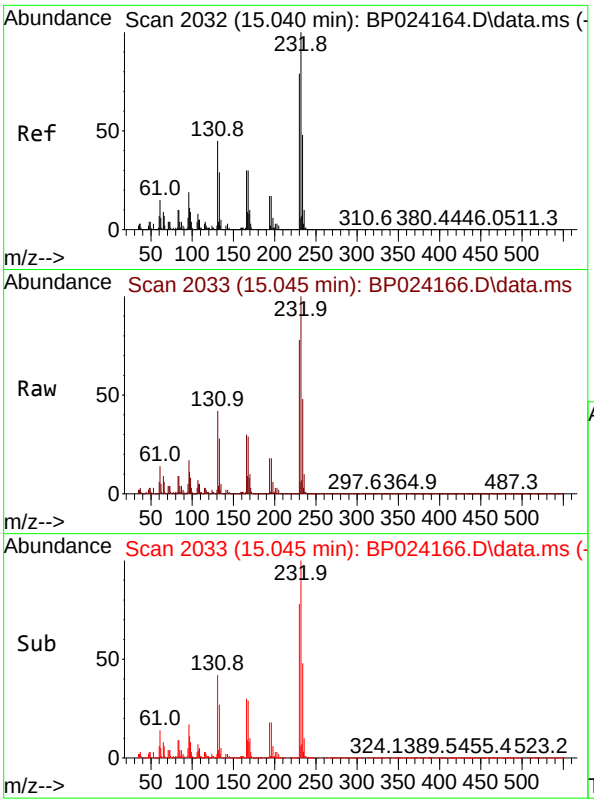


#58
Fluorene
Concen: 59.702 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:166 Resp: 3951671

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.6	116.4
167	13.7	10.8	16.2



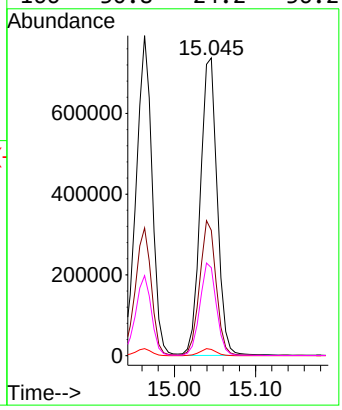


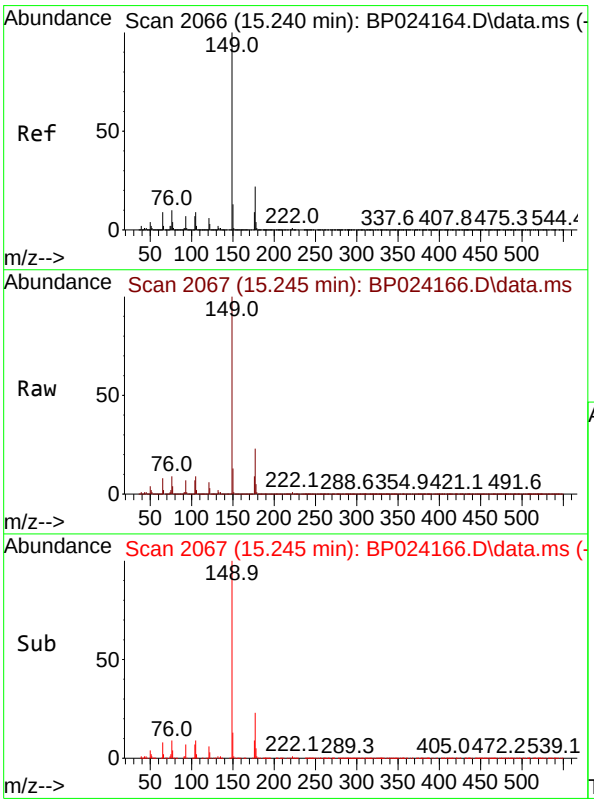
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.439 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 1055860

Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.9	53.9
130	2.3	1.8	2.6
166	30.8	24.2	36.2

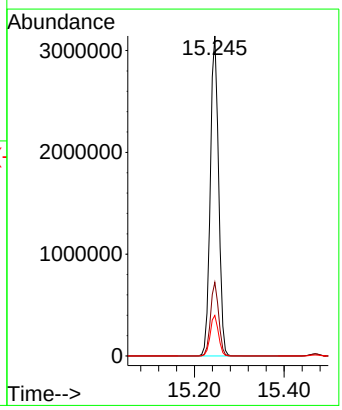


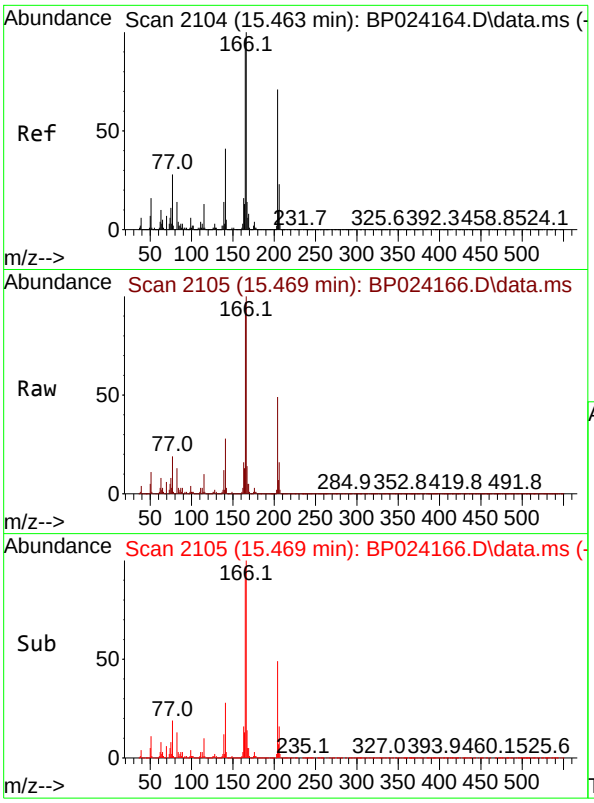


#60
Diethylphthalate
Concen: 61.486 ng
RT: 15.245 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:149 Resp: 4030341

Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.7	26.5
150	12.7	10.2	15.4



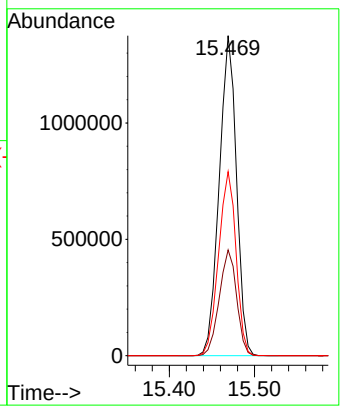


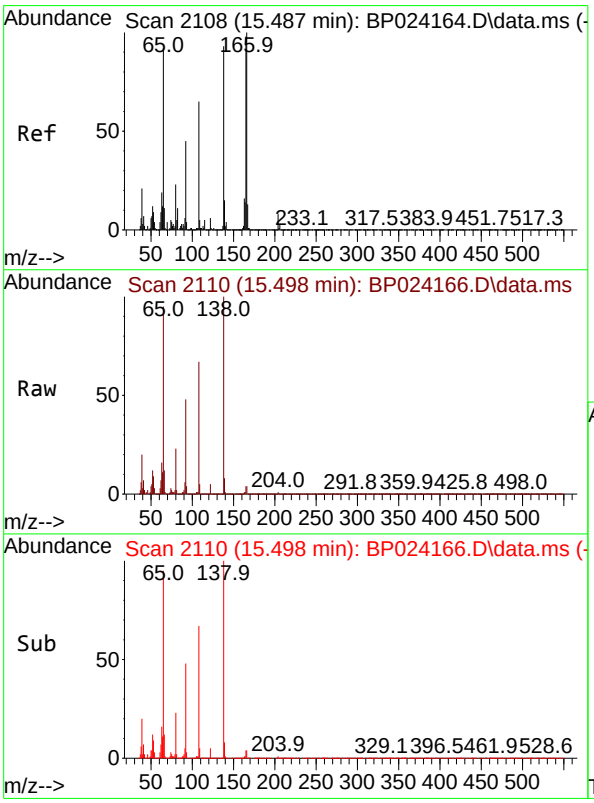
#61
4-Chlorophenyl-phenylether
Concen: 59.370 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1934265

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	57.5	45.8	68.8

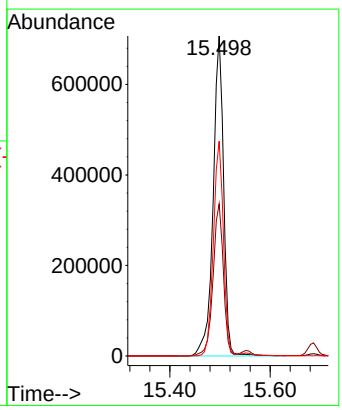


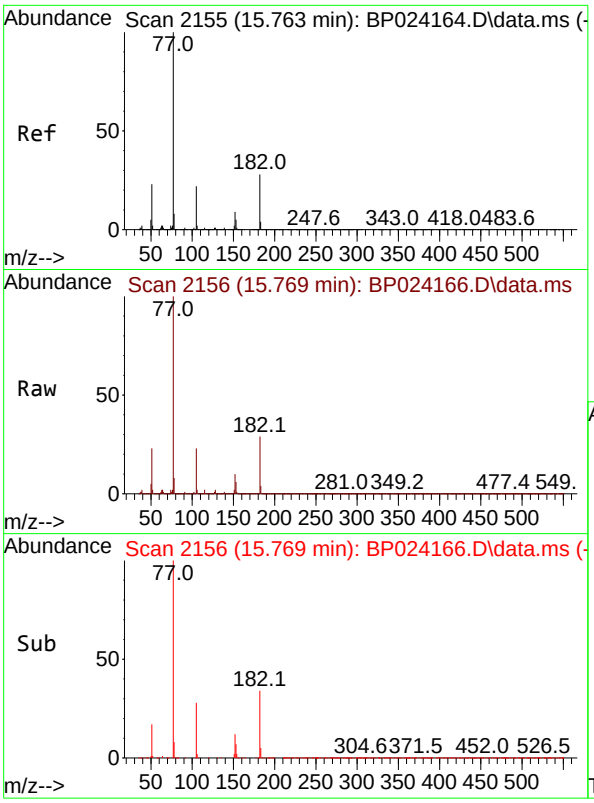


#62
4-Nitroaniline
Concen: 68.824 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:138 Resp: 1025149

Ion	Ratio	Lower	Upper
138	100		
92	47.5	28.7	68.7
108	67.1	49.5	89.5



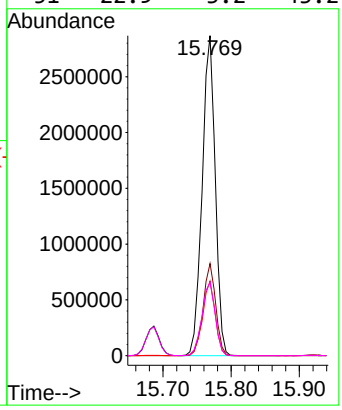


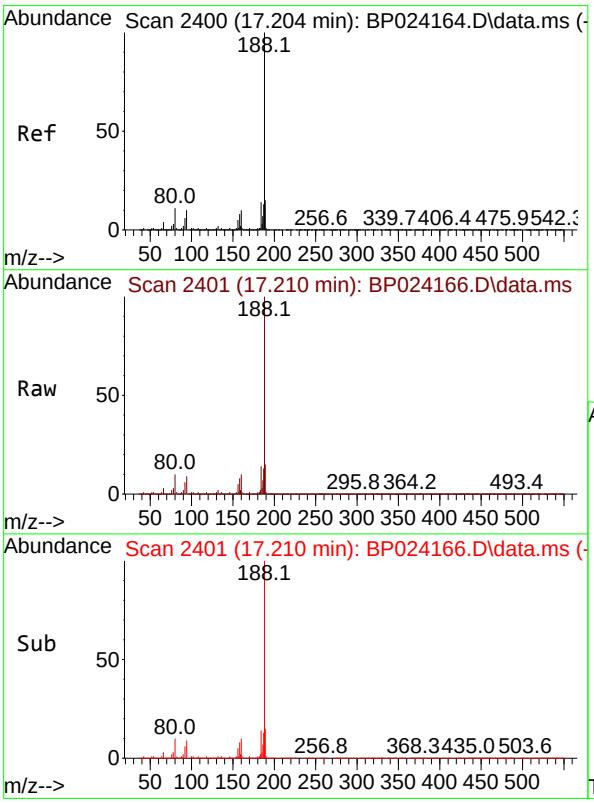
#63
Azobenzene
Concen: 62.340 ng
RT: 15.769 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3829148

Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.7	47.7
105	23.3	2.3	42.3
51	22.9	3.2	43.2

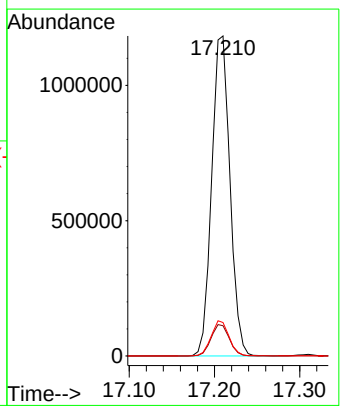


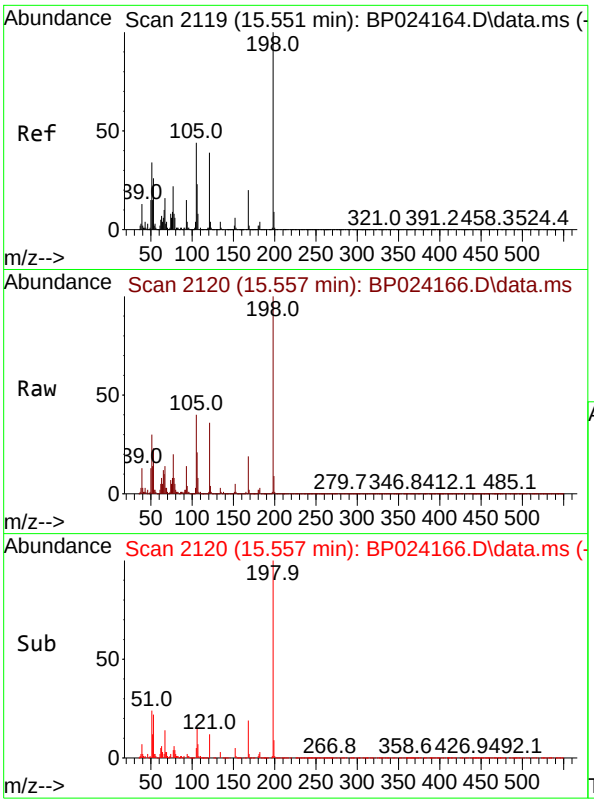


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:188 Resp: 1759587

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.5	8.9	13.3



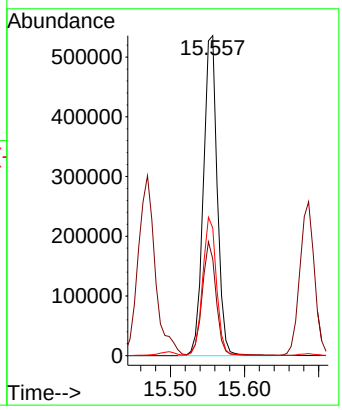


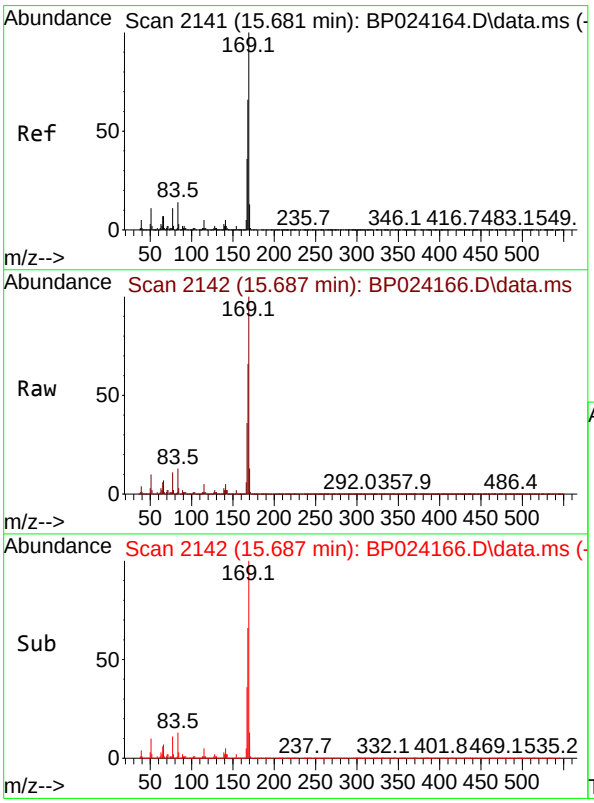
#65
4,6-Dinitro-2-methylphenol
Concen: 68.563 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 698260

Ion	Ratio	Lower	Upper
198	100		
51	30.2	14.7	54.7
105	39.9	23.8	63.8

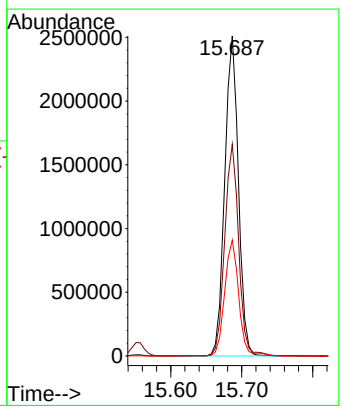


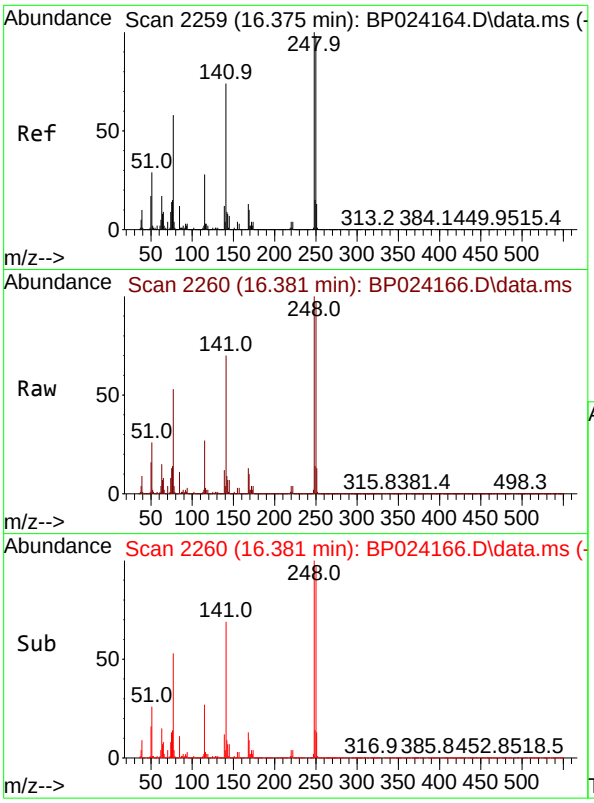


#66
n-Nitrosodiphenylamine
Concen: 60.776 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:169 Resp: 3334914

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.9	79.3
167	36.2	28.8	43.2



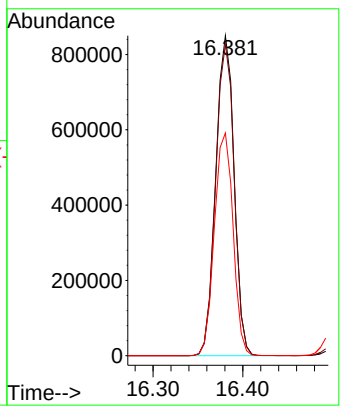


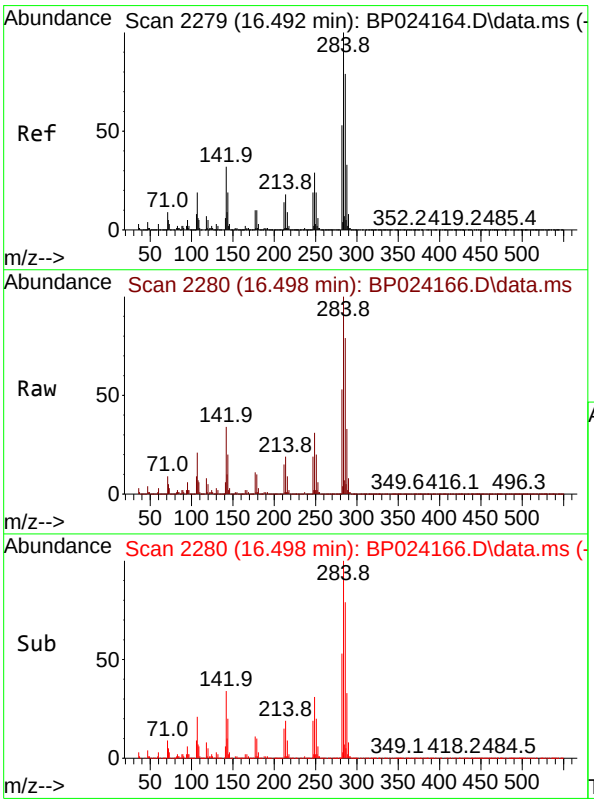
#67
4-Bromophenyl-phenylether
Concen: 61.311 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1211468

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.4	117.6
141	69.6	59.4	89.0

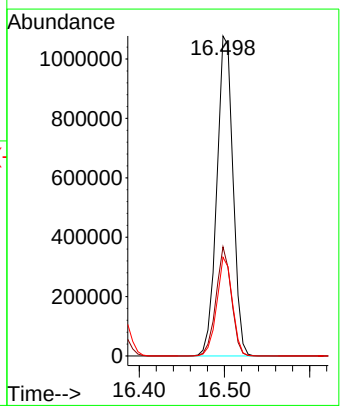


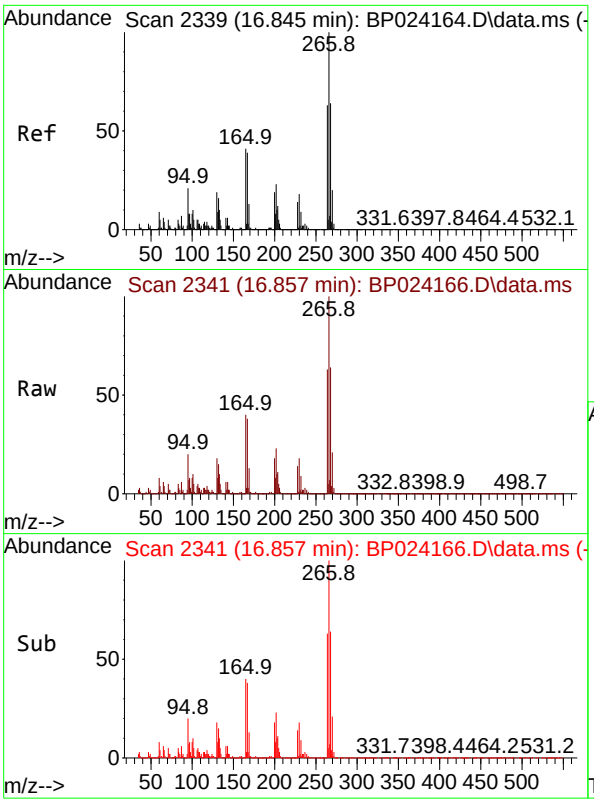


#68
Hexachlorobenzene
Concen: 61.320 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:284 Resp: 1425714

Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.4	38.2
249	30.9	23.5	35.3



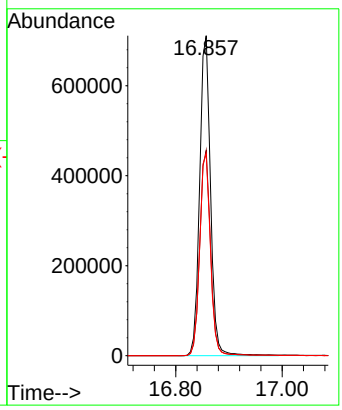


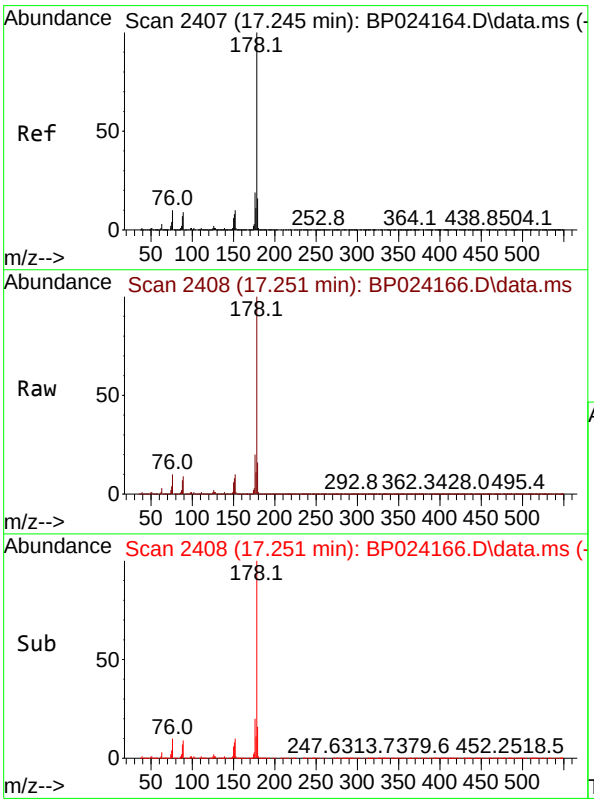
#70
Pentachlorophenol
Concen: 66.402 ng
RT: 16.857 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:266 Resp: 1002726

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.3	76.9
264	63.1	50.6	76.0

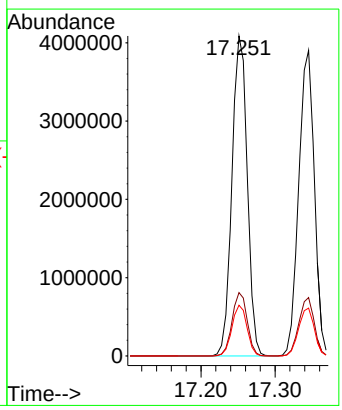


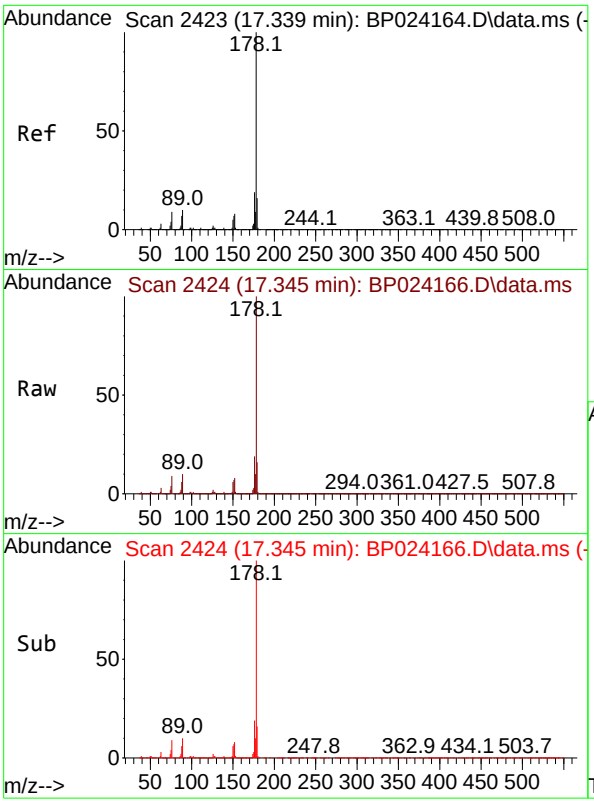


#71
Phenanthrene
Concen: 59.103 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:178 Resp: 5863198

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.9	12.5	18.7



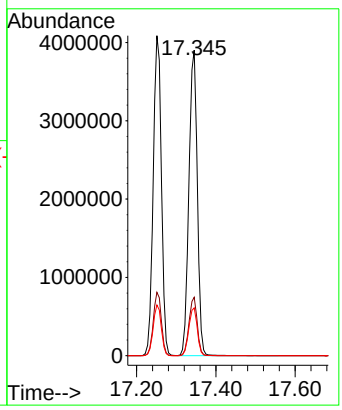


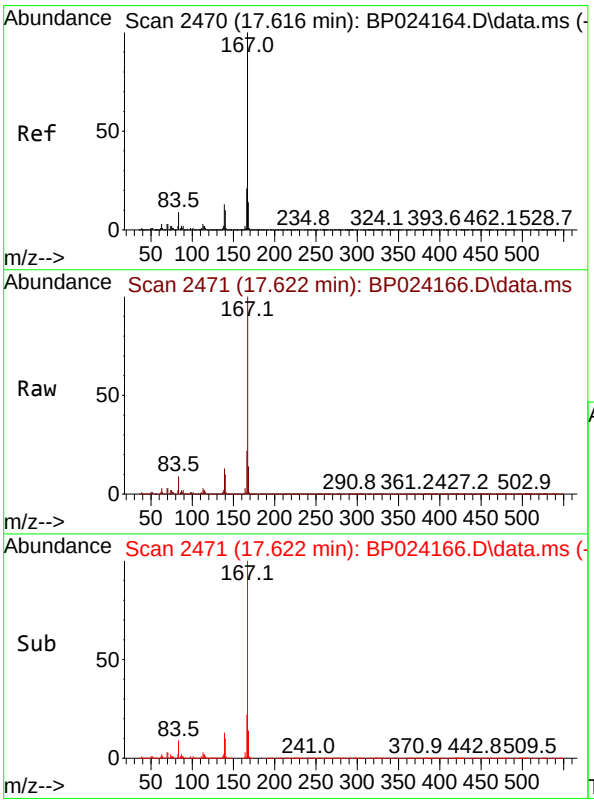
#72
Anthracene
Concen: 60.532 ng
RT: 17.345 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 5754537

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.6	12.6	18.8

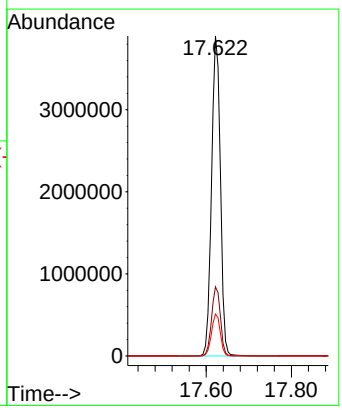


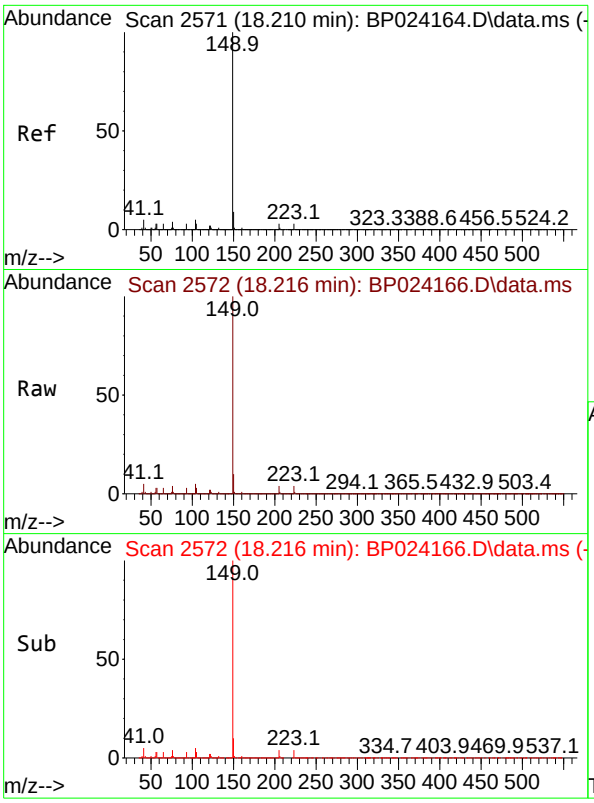


#73
Carbazole
Concen: 61.810 ng
RT: 17.622 min Scan# 2471
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:167 Resp: 5598533

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.1	10.2	15.4



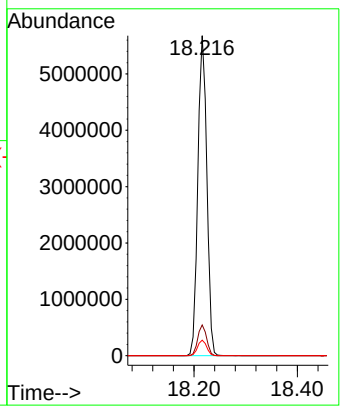


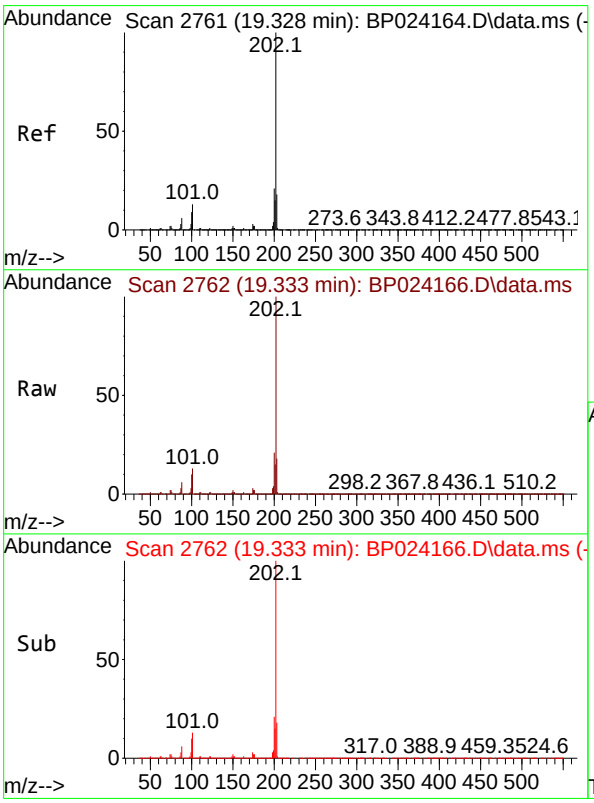
#74
Di-n-butylphthalate
Concen: 64.761 ng
RT: 18.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 6844468

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.9	3.9	5.9

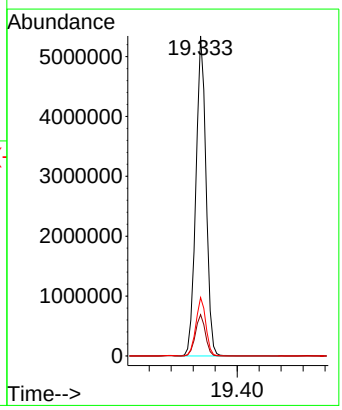


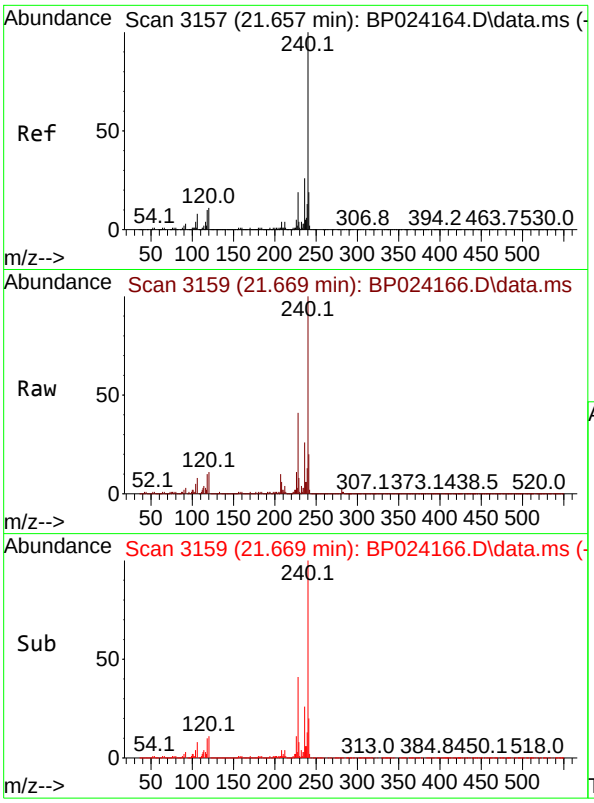


#75
Fluoranthene
Concen: 61.042 ng
RT: 19.333 min Scan# 2762
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:202 Resp: 6849338

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.5
203	18.2	0.0	37.9



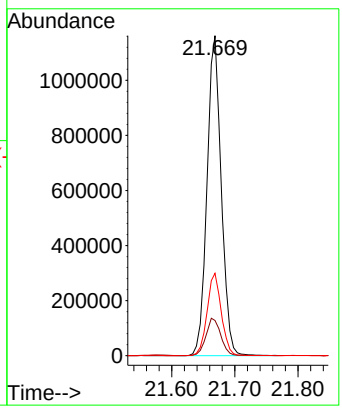


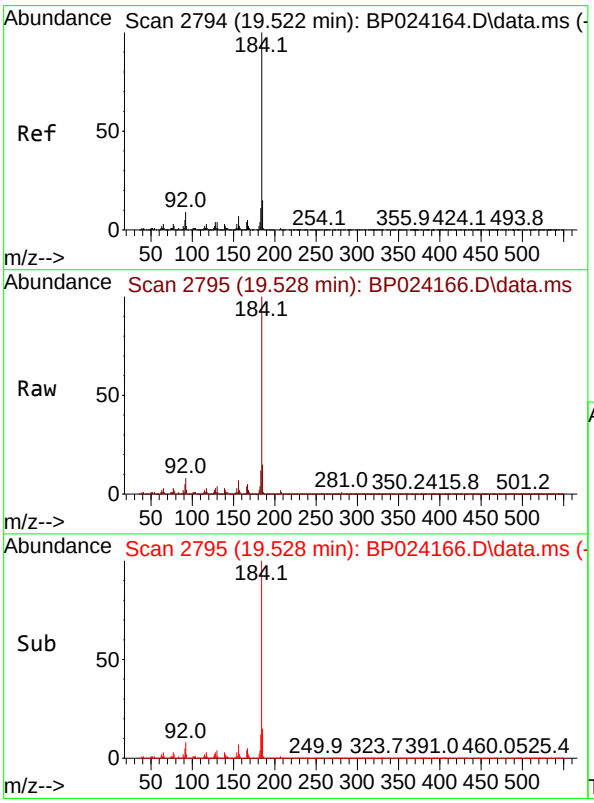
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:240 Resp: 1817869

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.2	13.8
236	25.7	20.4	30.6

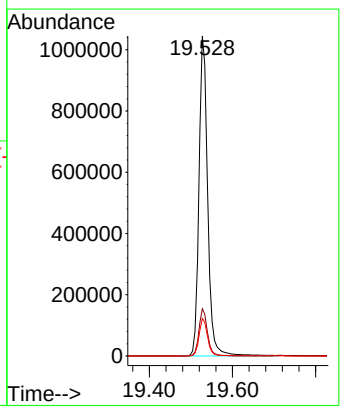


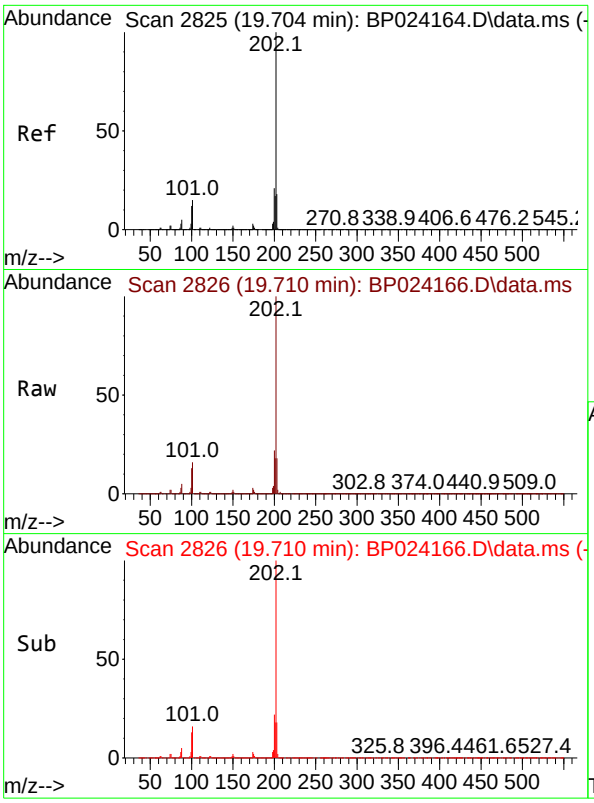


#77
Benzidine
Concen: 68.561 ng
RT: 19.528 min Scan# 2795
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:184 Resp: 1518742

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	11.7	9.1	13.7



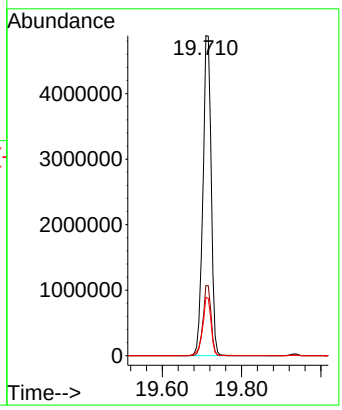


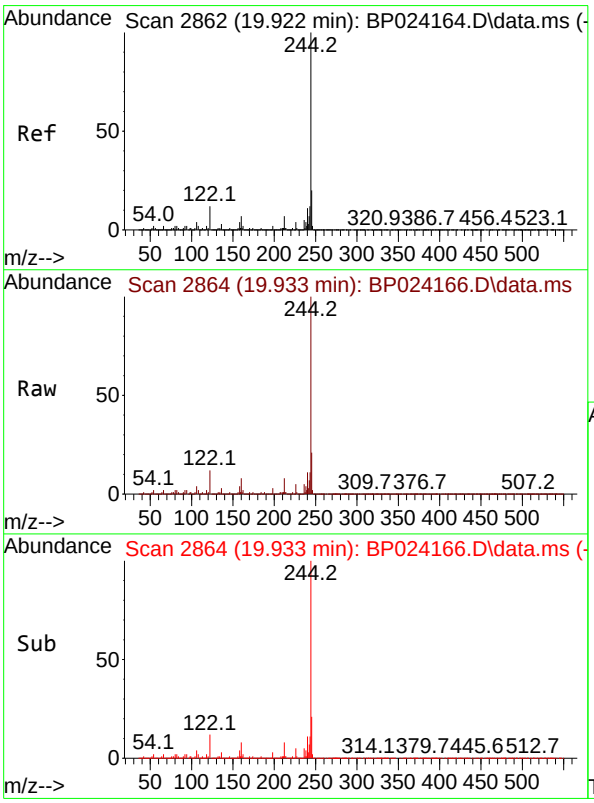
#78
Pyrene
Concen: 61.052 ng
RT: 19.710 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 7049649

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	18.2	14.2	21.4

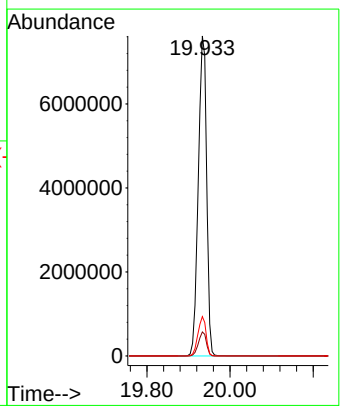


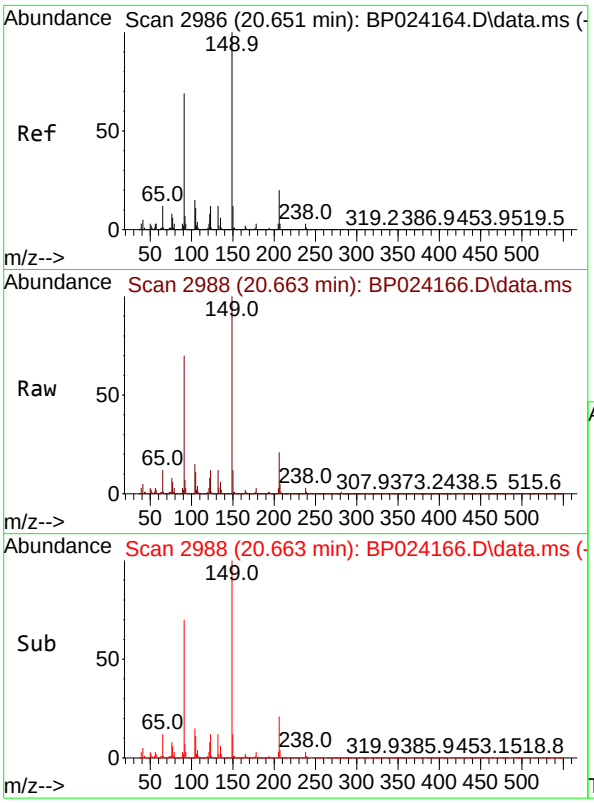


#79
Terphenyl-d14
Concen: 115.330 ng
RT: 19.933 min Scan# 2864
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:244 Resp:10595349

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	12.3	9.6	14.4



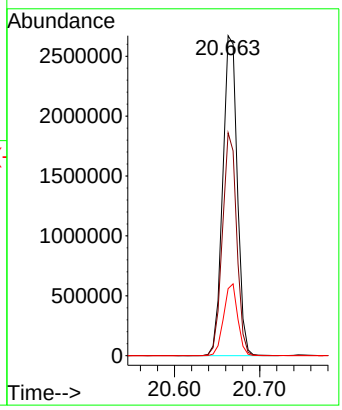


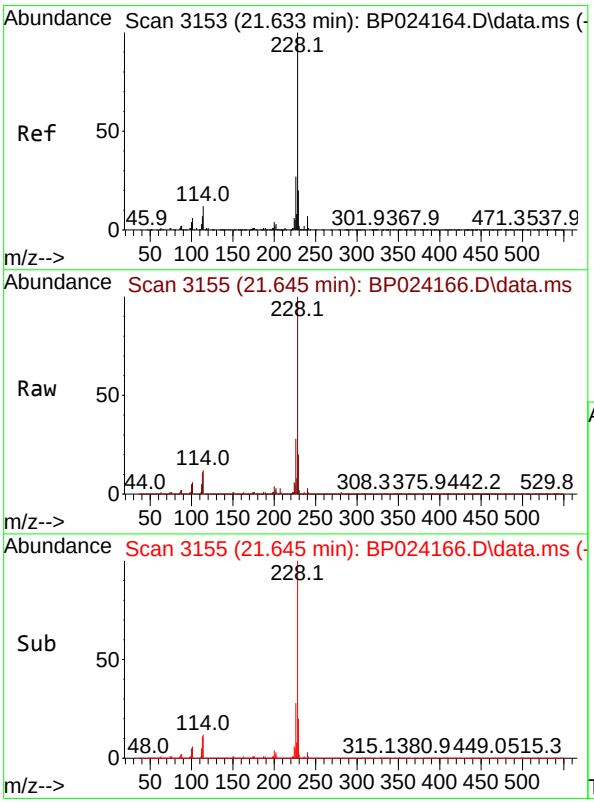
#80
Butylbenzylphthalate
Concen: 71.649 ng
RT: 20.663 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 3170269

Ion	Ratio	Lower	Upper
149	100		
91	69.6	55.3	82.9
206	21.0	16.1	24.1

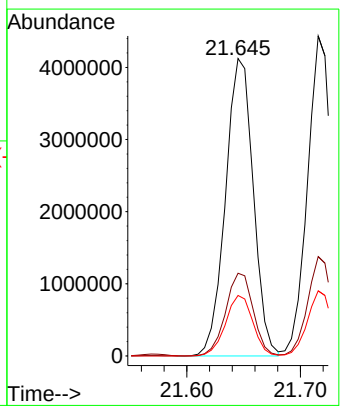


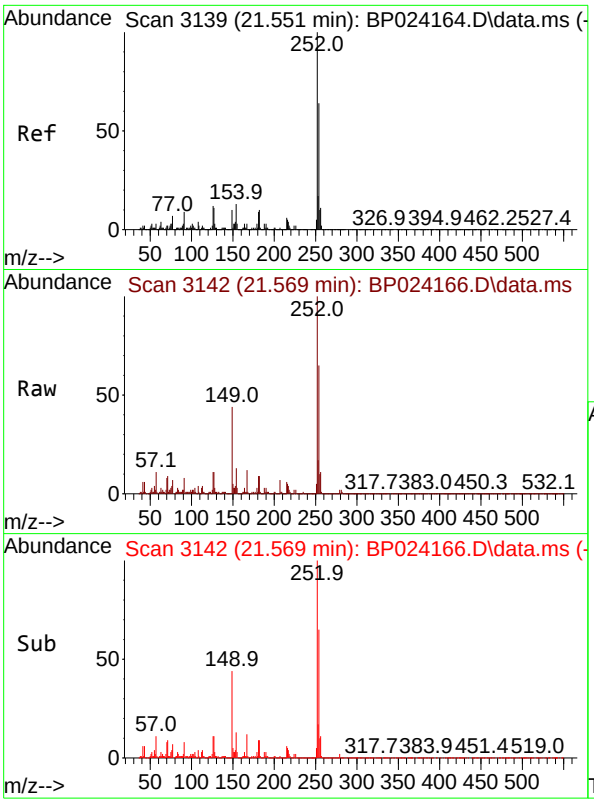


#81
Benzo(a)anthracene
Concen: 61.500 ng
RT: 21.645 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:228 Resp: 7010330

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.4	16.0	24.0



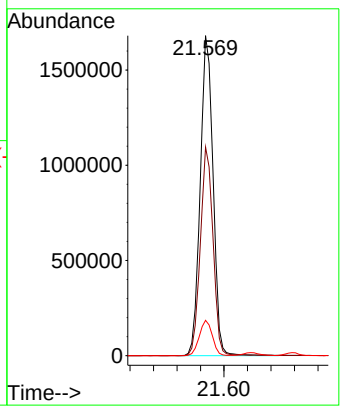


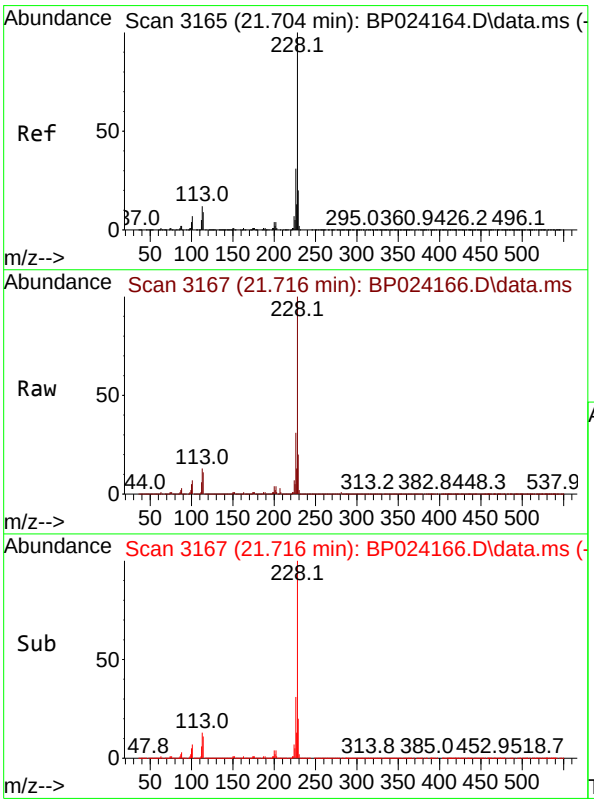
#82
3,3'-Dichlorobenzidine
Concen: 71.531 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 2547922

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	11.1	9.3	13.9

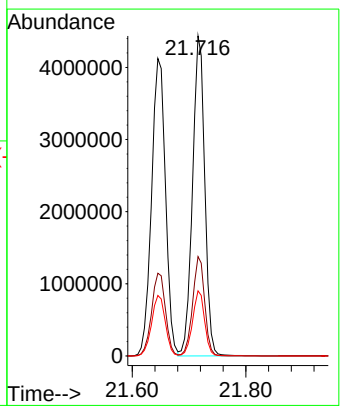


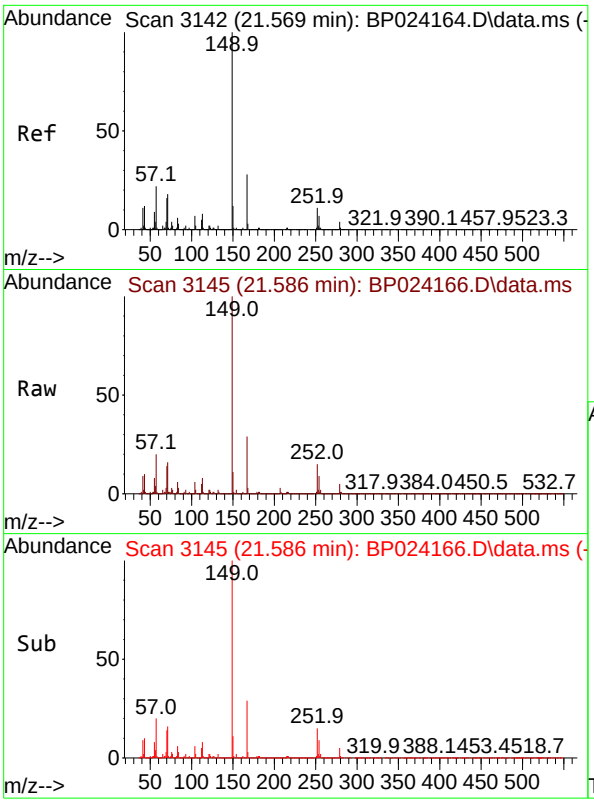


#83
Chrysene
Concen: 60.535 ng
RT: 21.716 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:228 Resp: 6653811

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	20.3	16.2	24.2



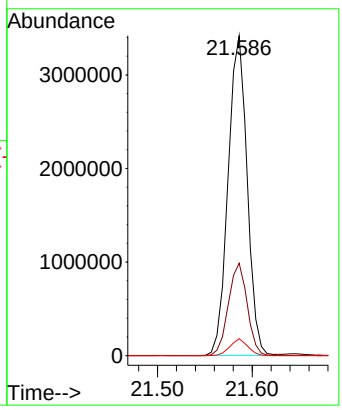


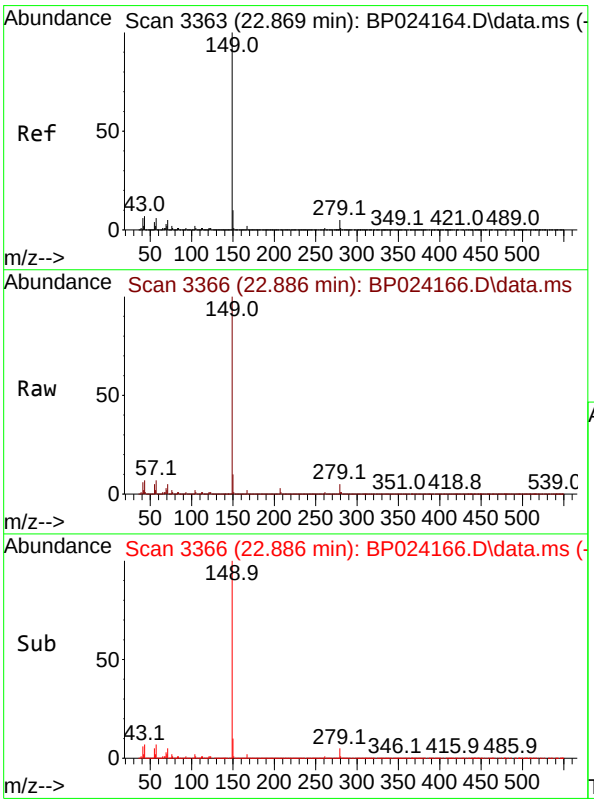
#84
Bis(2-ethylhexyl)phthalate
Concen: 71.363 ng
RT: 21.586 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4788368

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.5	33.7
279	5.3	3.6	5.4

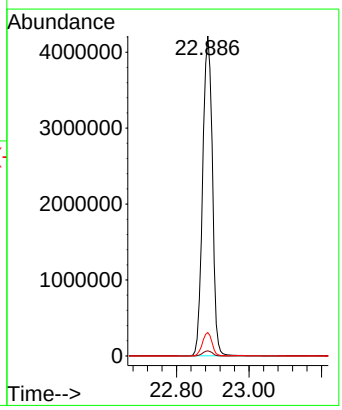


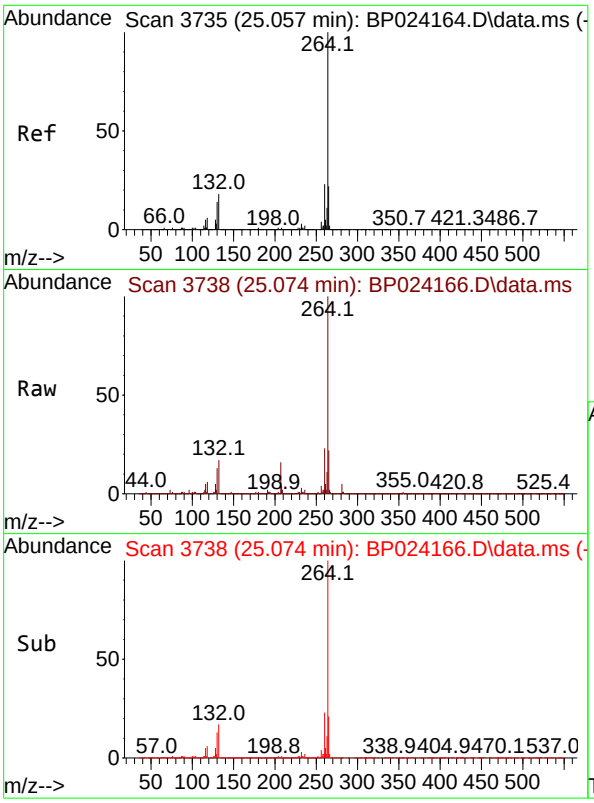


#85
Di-n-octyl phthalate
Concen: 72.964 ng
RT: 22.886 min Scan# 3366
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:149 Resp: 7825427

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8



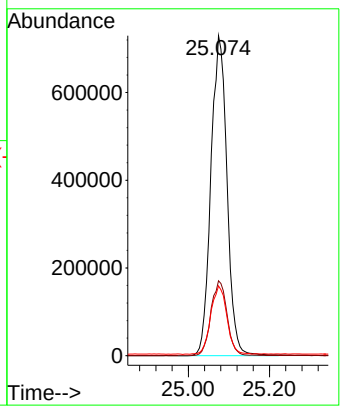


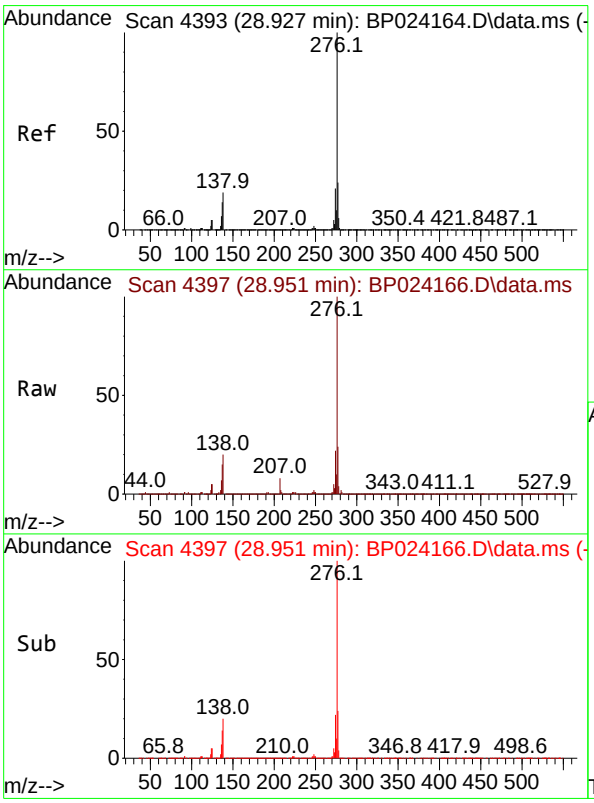
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.074 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:264 Resp: 2003229

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.8	17.7	26.5

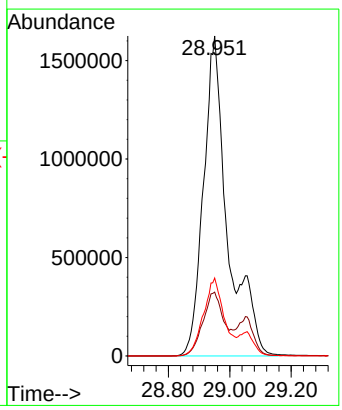


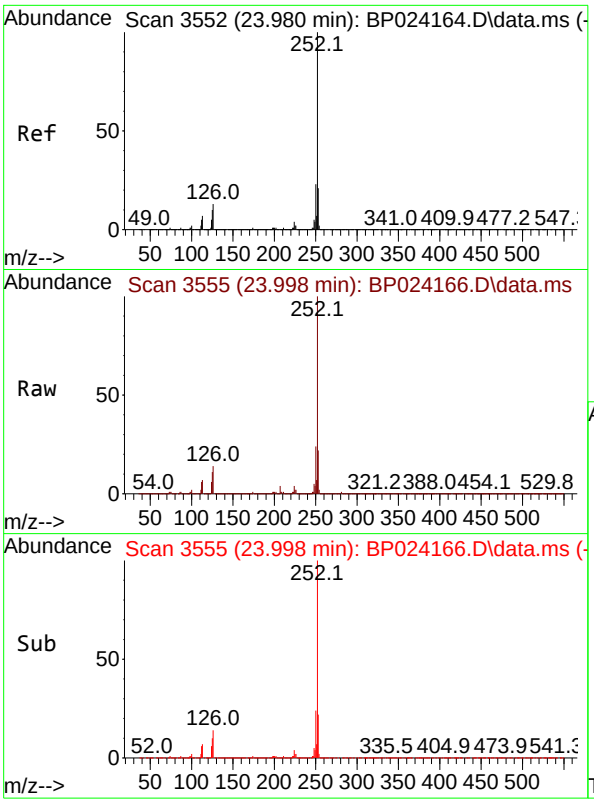


#87
Indeno(1,2,3-cd)pyrene
Concen: 62.364 ng m
RT: 28.951 min Scan# 4397
Delta R.T. 0.023 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:276 Resp: 8887645

Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.7	20.5
277	20.7	20.2	30.2



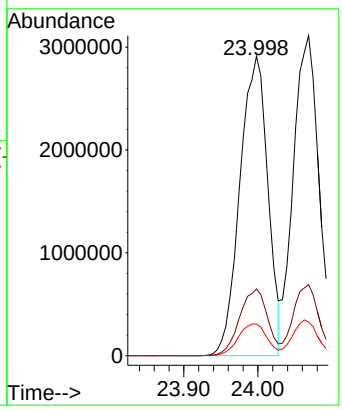


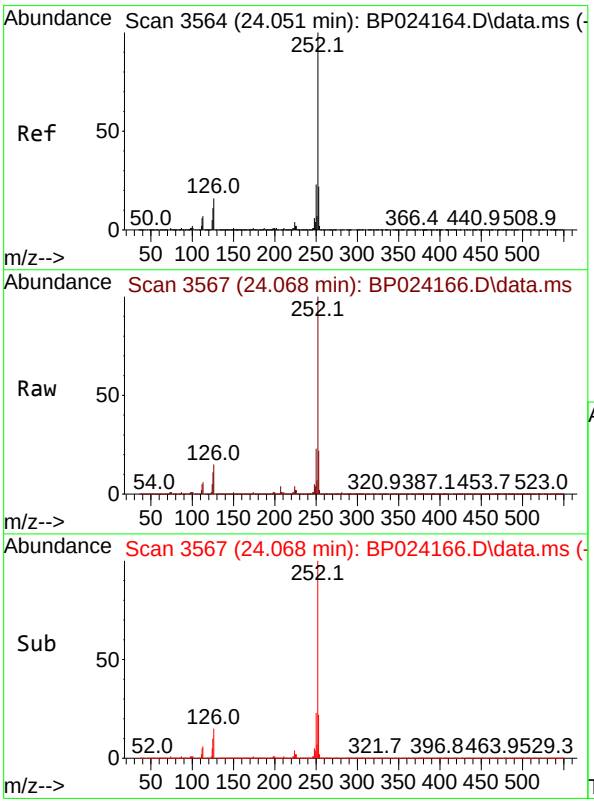
#88
Benzo(b)fluoranthene
Concen: 59.798 ng
RT: 23.998 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 7606878

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.5	8.2	12.4

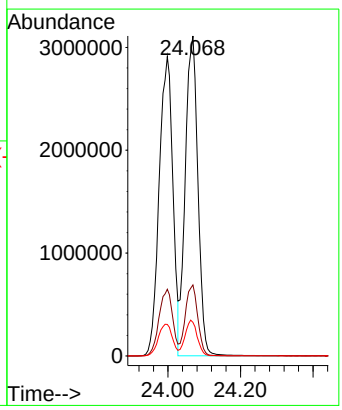


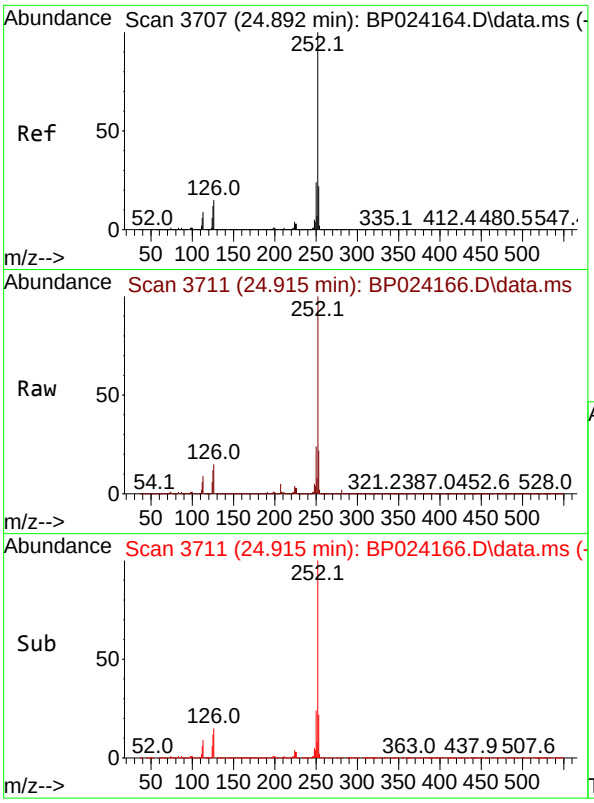


#89
Benzo(k)fluoranthene
Concen: 60.696 ng
RT: 24.068 min Scan# 3567
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:252 Resp: 7515459

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.5	9.1	13.7



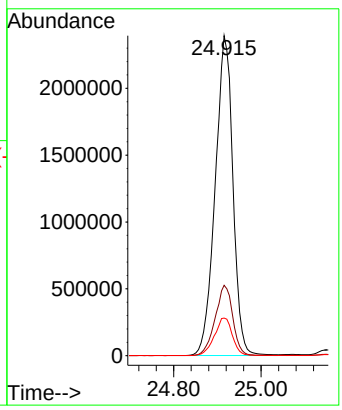


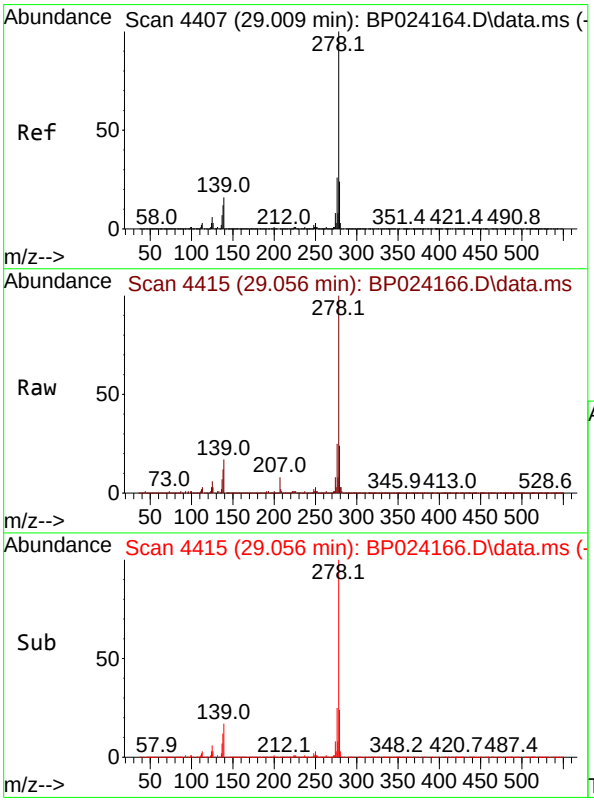
#90
Benzo(a)pyrene
Concen: 62.275 ng
RT: 24.915 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 6723161

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.8	9.6	14.4

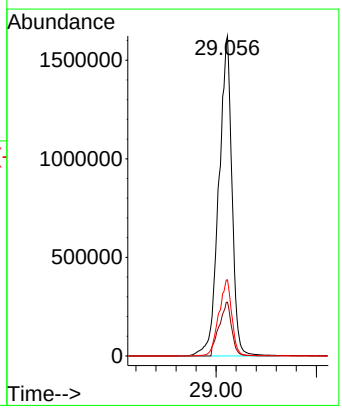


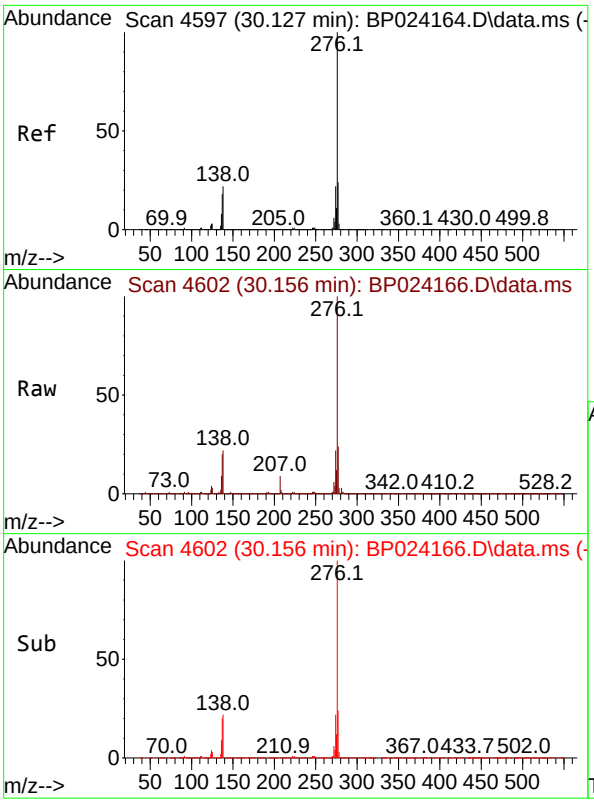


#91
Dibenzo(a,h)anthracene
Concen: 61.510 ng
RT: 29.056 min Scan# 4415
Delta R.T. 0.047 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:278 Resp: 7370514

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.0	19.4
279	23.8	18.8	28.2



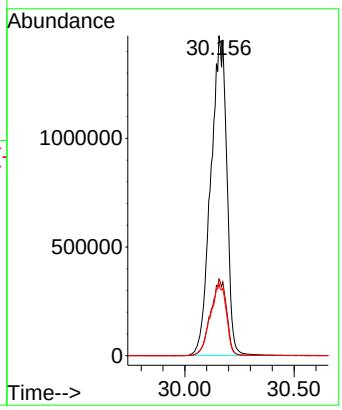


#92
Benzo(g,h,i)perylene
Concen: 61.593 ng
RT: 30.156 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 7489359

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.5	17.4	26.2



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	364999	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1468727	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	888748	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1690241	20.000	ng		0.00
76) Chrysene-d12	21.674	240	1785678	20.000	ng		0.02
86) Perylene-d12	25.080	264	1974592	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	3803317	162.591	ng		0.00
7) Phenol-d6	6.957	99	5104893	169.796	ng		0.00
23) Nitrobenzene-d5	8.922	82	4314346	163.878	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	2025211	186.035	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	9471932	148.993	ng		0.00
79) Terphenyl-d14	19.939	244	13193577	146.201	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	719424	78.401	ng		99
3) Pyridine	3.716	79	2086180m	87.444	ng		
4) n-Nitrosodimethylamine	3.622	42	672598	79.479	ng		98
6) Aniline	7.110	93	2112268	76.717	ng		98
8) 2-Chlorophenol	7.346	128	2039550	82.376	ng		99
9) Benzaldehyde	6.922	77	842969	61.412	ng		98
10) Phenol	6.987	94	2556863	84.573	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	1979282	83.121	ng		100
12) 1,3-Dichlorobenzene	7.663	146	2110081	77.577	ng		99
13) 1,4-Dichlorobenzene	7.810	146	2159502	78.507	ng		99
14) 1,2-Dichlorobenzene	8.122	146	2060216	78.042	ng		99
15) Benzyl Alcohol	8.010	79	1663098	90.370	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1950889	84.398	ng		99
17) 2-Methylphenol	8.216	107	1619006	87.877	ng		99
18) Hexachloroethane	8.846	117	773060	78.037	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	1455297	90.027	ng		99
20) 3+4-Methylphenols	8.546	107	2240243	89.384	ng		98
22) Acetophenone	8.587	105	3007941	79.697	ng	#	99
24) Nitrobenzene	8.969	77	2118548	81.768	ng		98
25) Isophorone	9.493	82	3813082	88.570	ng		98
26) 2-Nitrophenol	9.669	139	1129770	94.646	ng		97
27) 2,4-Dimethylphenol	9.734	122	1361694	86.904	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	2576867	82.625	ng		100
29) 2,4-Dichlorophenol	10.204	162	1875825	87.724	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	1946046	79.431	ng		99
31) Naphthalene	10.604	128	6278869	79.507	ng		100
33) 4-Chloroaniline	10.716	127	2336710	83.990	ng		99
34) Hexachlorobutadiene	10.887	225	1124081	79.213	ng		99
35) Caprolactam	11.528	113	654999	101.156	ng		97
36) 4-Chloro-3-methylphenol	11.845	107	2042687	92.924	ng		99
37) 2-Methylnaphthalene	12.210	142	4316966	82.244	ng		99
38) 1-Methylnaphthalene	12.434	142	4227550	82.791	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	2120251	77.644	ng		100
41) Hexachlorocyclopentadiene	12.563	237	788854	77.633	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	1443797	86.697	ng		99
44) 2,4,5-Trichlorophenol	12.904	196	1575527	86.506	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.228	154	5406424	78.284	ng		99
47) 2-Chloronaphthalene	13.269	162	4094698	78.432	ng		100
48) 2-Nitroaniline	13.475	65	1150637	93.303	ng		98
49) Acenaphthylene	14.122	152	6343598	82.473	ng		99
50) Dimethylphthalate	13.857	163	5115780	81.603	ng		100
51) 2,6-Dinitrotoluene	13.975	165	1146015	89.740	ng		97
52) Acenaphthene	14.469	154	3985981	80.473	ng		99
53) 3-Nitroaniline	14.310	138	1277036	93.713	ng		98
55) Dibenzofuran	14.810	168	6287848	78.144	ng		99
56) 4-Nitrophenol	14.639	139	1110260	94.320	ng		99
57) 2,4-Dinitrotoluene	14.775	165	1584658	95.524	ng		97
58) Fluorene	15.469	166	4983161	79.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1371535	86.797	ng		100
60) Diethylphthalate	15.245	149	5221159	83.898	ng		98
61) 4-Chlorophenyl-phenyle...	15.463	204	2453010	79.305	ng		99
62) 4-Nitroaniline	15.498	138	1346814	95.238	ng		95
63) Azobenzene	15.763	77	4851665	83.196	ng		99
65) 4,6-Dinitro-2-methylph...	15.557	198	924643	94.517	ng		97
66) n-Nitrosodiphenylamine	15.686	169	4231796	80.285	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	1565037	82.455	ng		94
68) Hexachlorobenzene	16.498	284	1841149	82.437	ng		99
70) Pentachlorophenol	16.851	266	1334567	92.003	ng		100
71) Phenanthrene	17.251	178	7450840	78.188	ng		99
72) Anthracene	17.345	178	7420971	81.264	ng		99
73) Carbazole	17.628	167	7209600	82.862	ng		98
74) Di-n-butylphthalate	18.216	149	8819030	86.868	ng		99
75) Fluoranthene	19.339	202	8868502	82.280	ng		99
77) Benzidine	19.533	184	1583965	72.794	ng		100
78) Pyrene	19.722	202	9100075	80.230	ng		99
80) Butylbenzylphthalate	20.669	149	4117551	94.735	ng		97
81) Benzo(a)anthracene	21.657	228	9075269	81.050	ng		98
82) 3,3'-Dichlorobenzidine	21.574	252	3216378	91.925	ng		99
83) Chrysene	21.721	228	8635685	79.981	ng		99
84) Bis(2-ethylhexyl)phtha...	21.592	149	6077881	92.215	ng	#	98
85) Di-n-octyl phthalate	22.898	149	10239008	97.189	ng		100
87) Indeno(1,2,3-cd)pyrene	28.962	276	11842118	84.301	ng		100
88) Benzo(b)fluoranthene	24.004	252	9984031	79.623	ng		98
89) Benzo(k)fluoranthene	24.080	252	9728938	79.712	ng		98
90) Benzo(a)pyrene	24.921	252	8860063	83.259	ng		99
91) Dibenzo(a,h)anthracene	29.039	278	9828241	83.210	ng		98
92) Benzo(g,h,i)perylene	30.180	276	9940803	82.940	ng		98

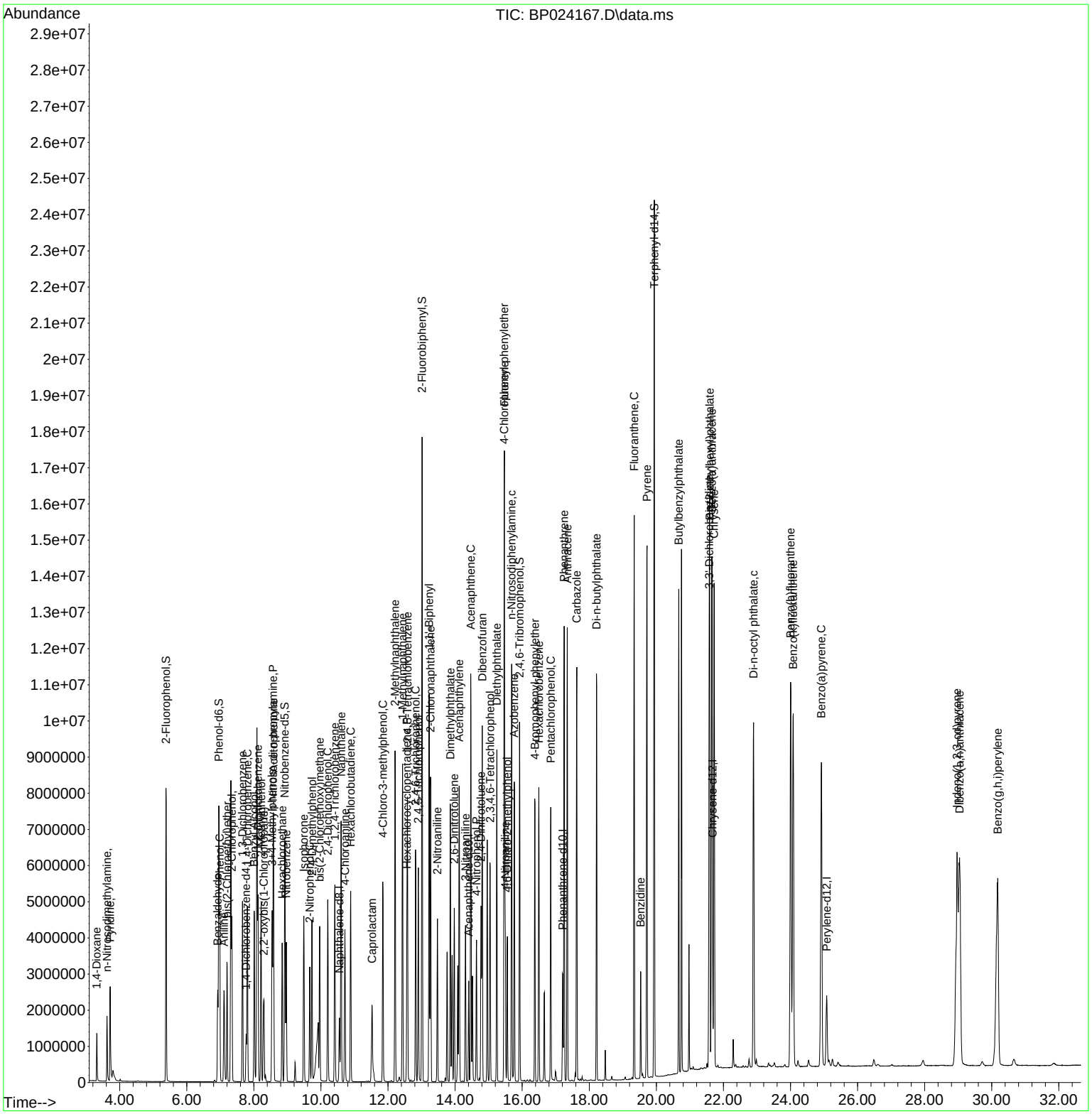
(#) = qualifier out of range (m) = manual integration (+) = signals summed

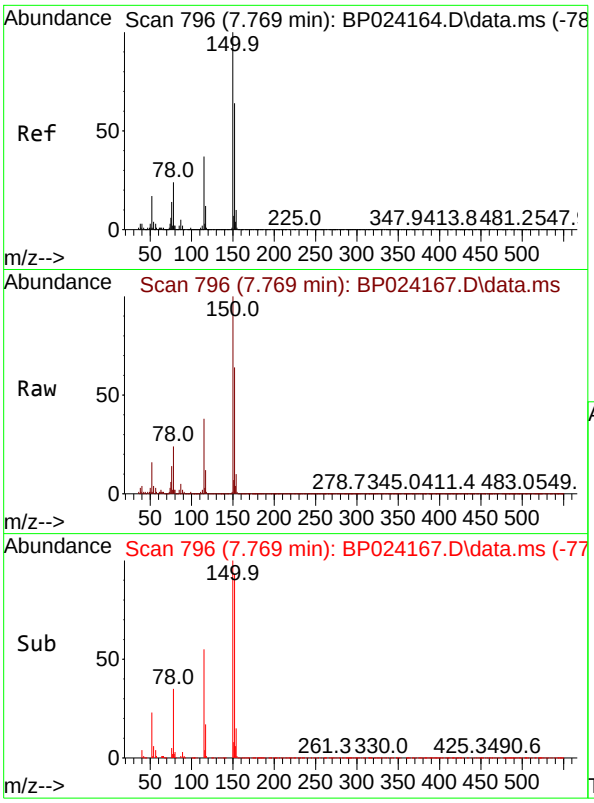
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



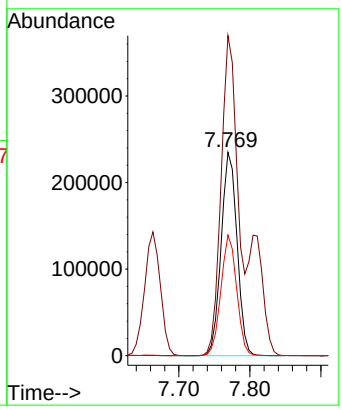


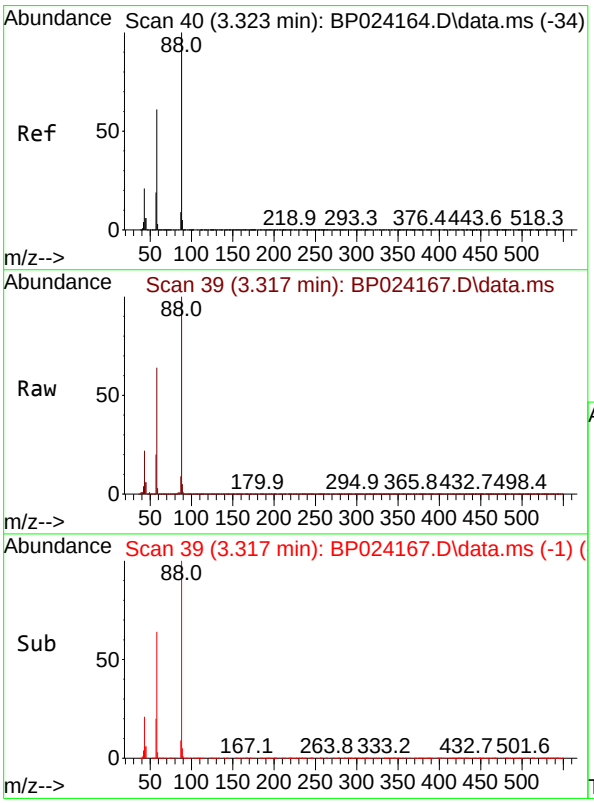
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 364999

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.5	188.3
115	59.3	46.3	69.5

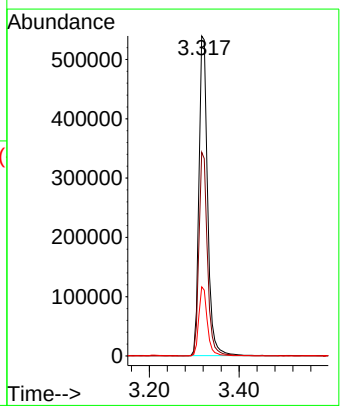


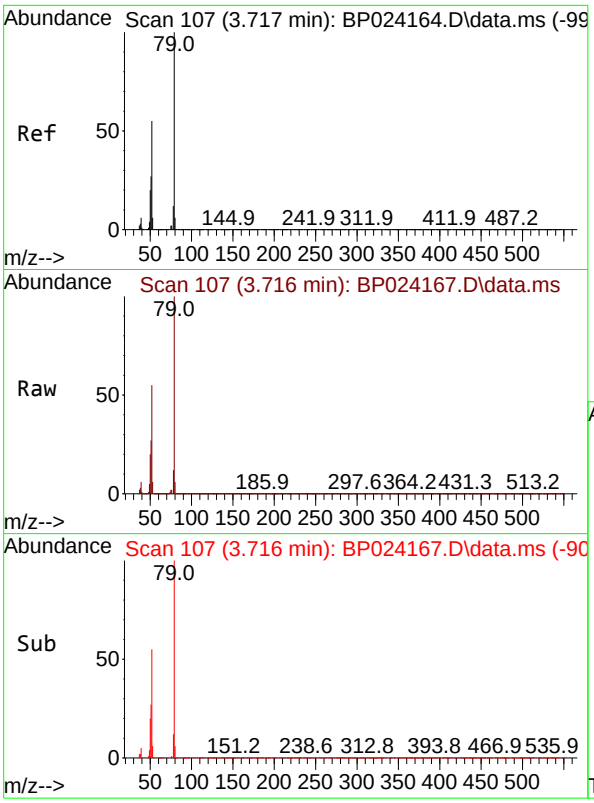


#2
1,4-Dioxane
Concen: 78.401 ng
RT: 3.317 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 88 Resp: 719424

Ion	Ratio	Lower	Upper
88	100		
58	62.6	49.8	74.6
43	21.2	17.3	25.9



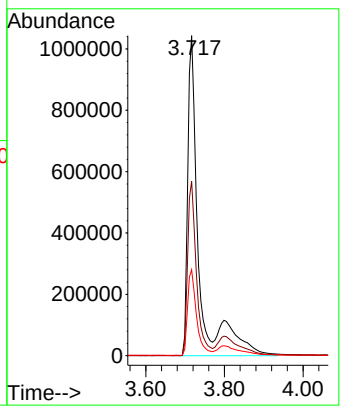


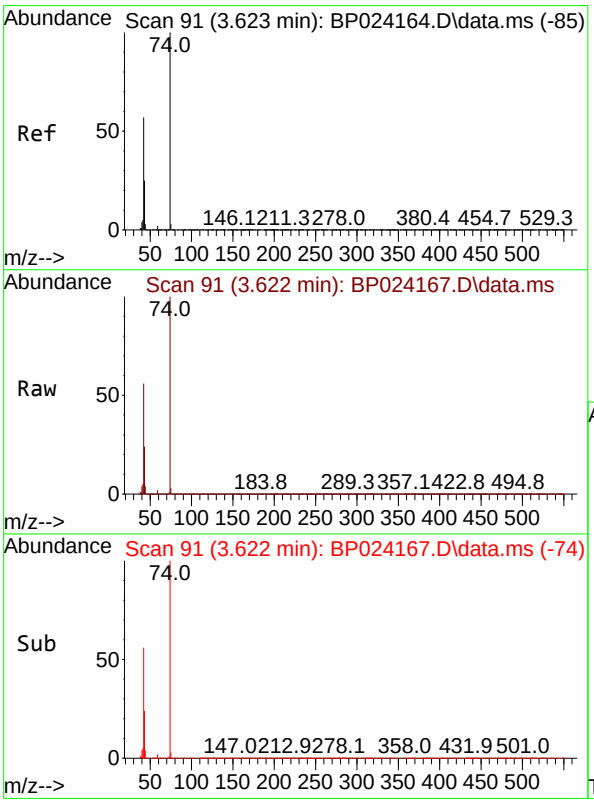
#3
Pyridine
Concen: 87.444 ng m
RT: 3.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 2086180

Ion	Ratio	Lower	Upper
79	100		
52	54.6	43.8	65.8
51	26.9	21.6	32.4

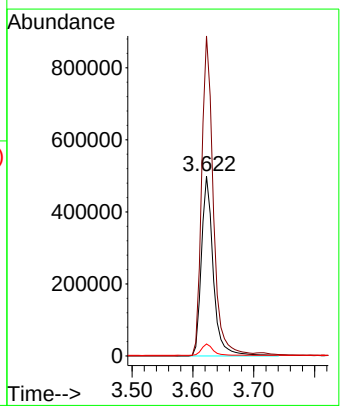


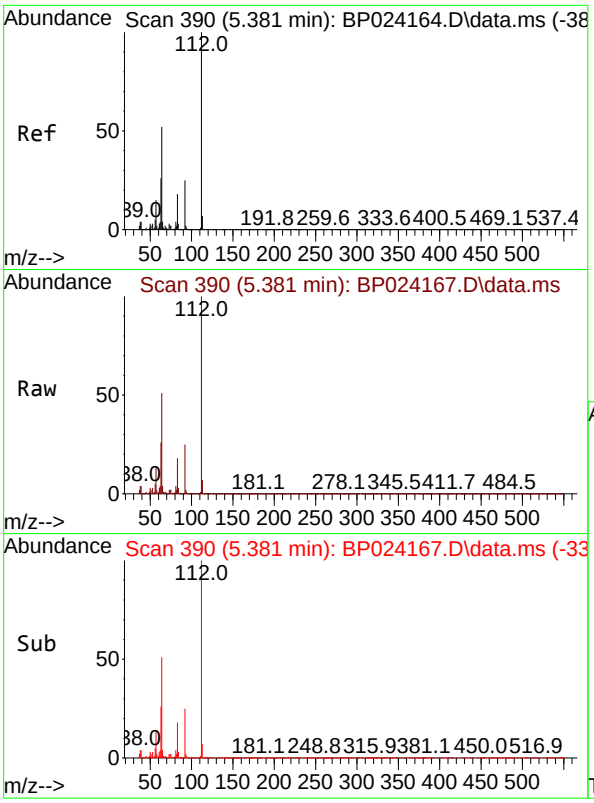


#4
n-Nitrosodimethylamine
Concen: 79.479 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 42 Resp: 672598

Ion	Ratio	Lower	Upper
42	100		
74	177.9	139.8	209.6
44	6.7	5.3	7.9



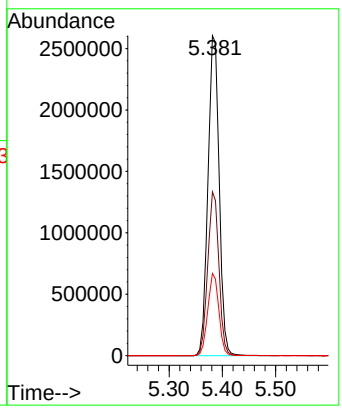


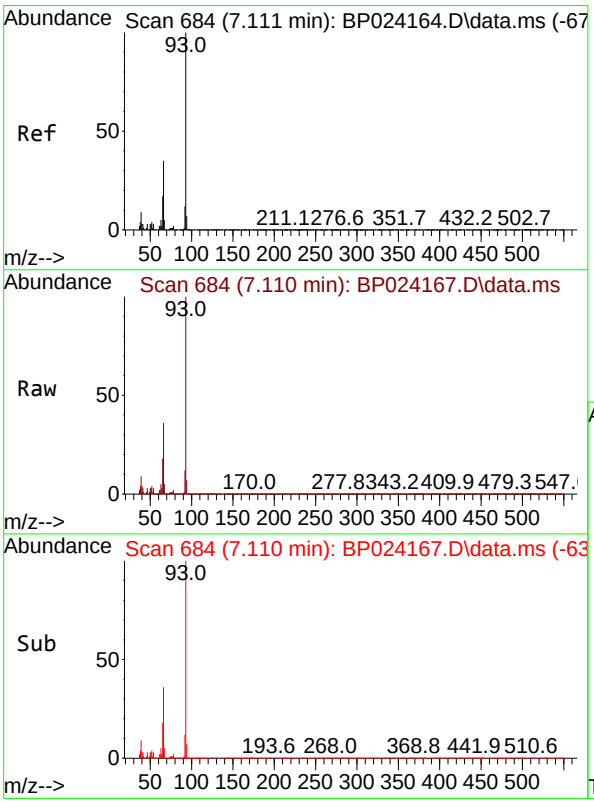
#5
2-Fluorophenol
Concen: 162.591 ng
RT: 5.381 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 3803317

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.3	61.9
63	25.7	20.6	31.0

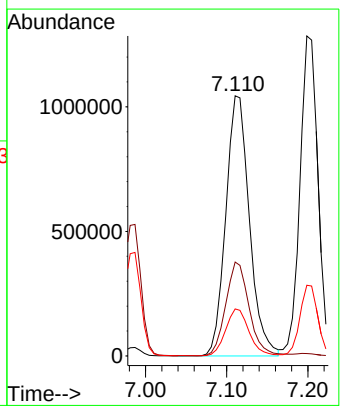


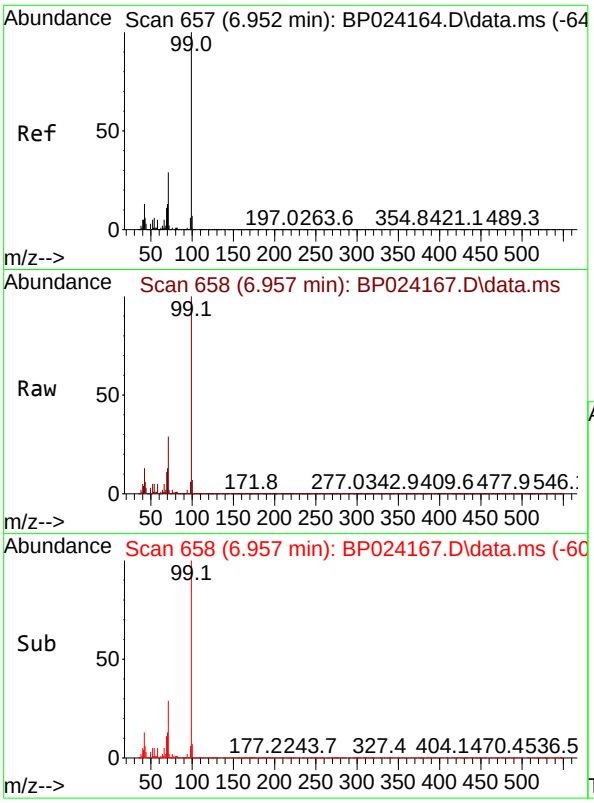


#6
Aniline
Concen: 76.717 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 93 Resp: 2112268

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.2	42.2
65	18.1	14.0	21.0



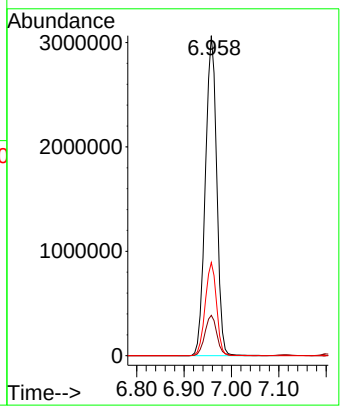


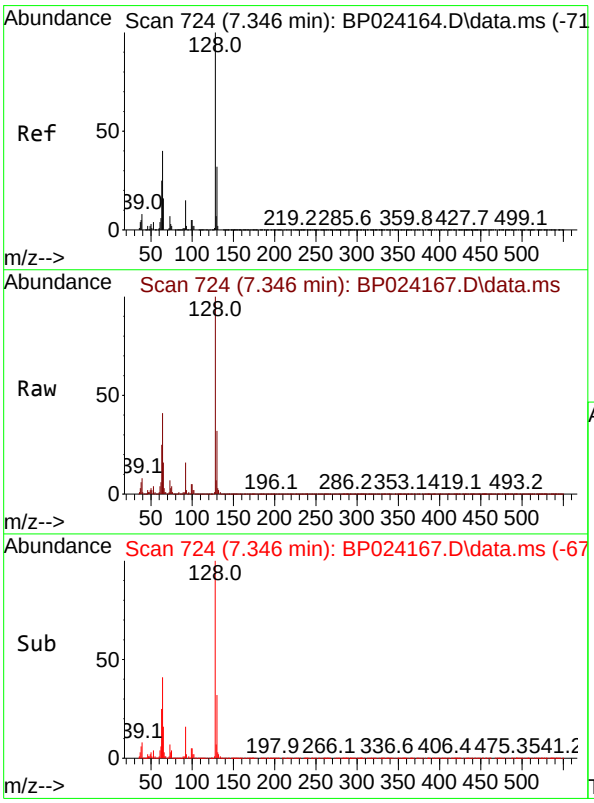
#7
Phenol-d6
Concen: 169.796 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 5104893

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.6	16.0
71	29.1	23.3	34.9

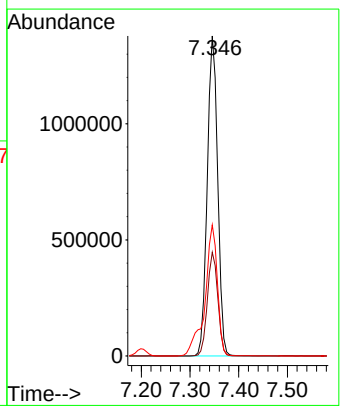


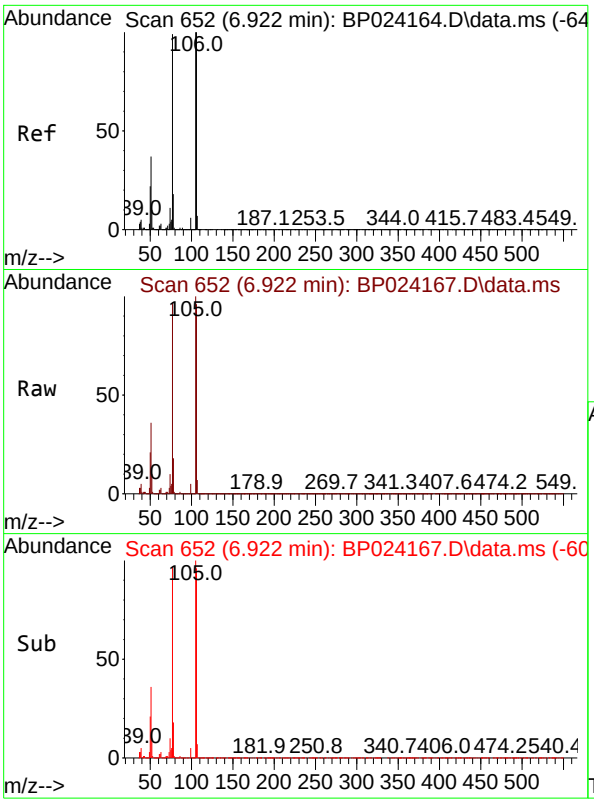


#8
2-Chlorophenol
Concen: 82.376 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:128 Resp: 2039550

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	41.0	21.6	61.6



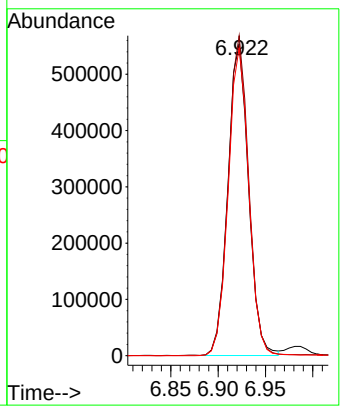


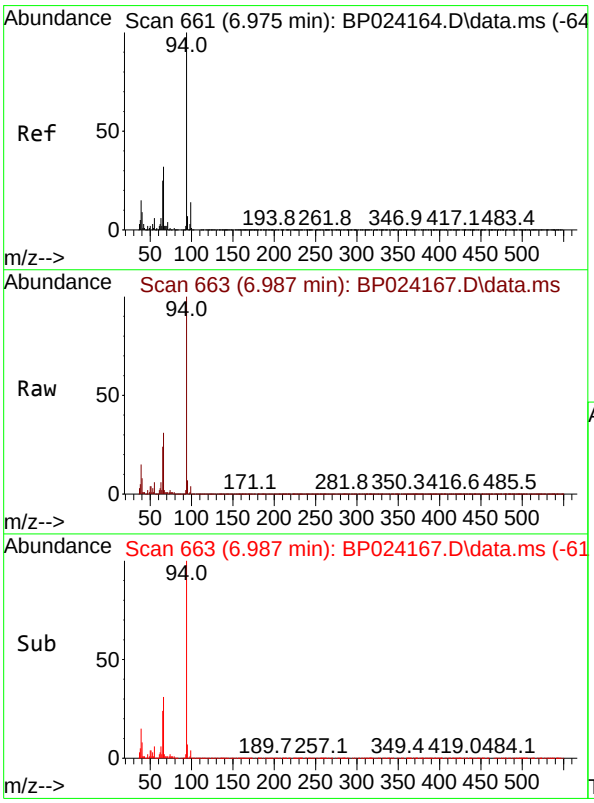
#9
Benzaldehyde
Concen: 61.412 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 842969

Ion	Ratio	Lower	Upper
77	100		
105	102.7	81.4	121.4
106	98.8	81.1	121.1

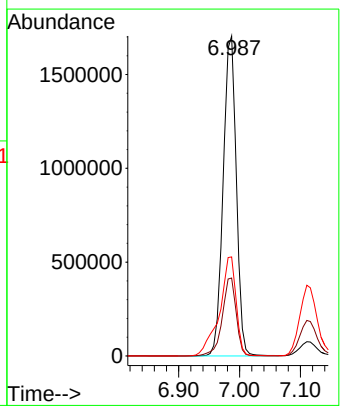


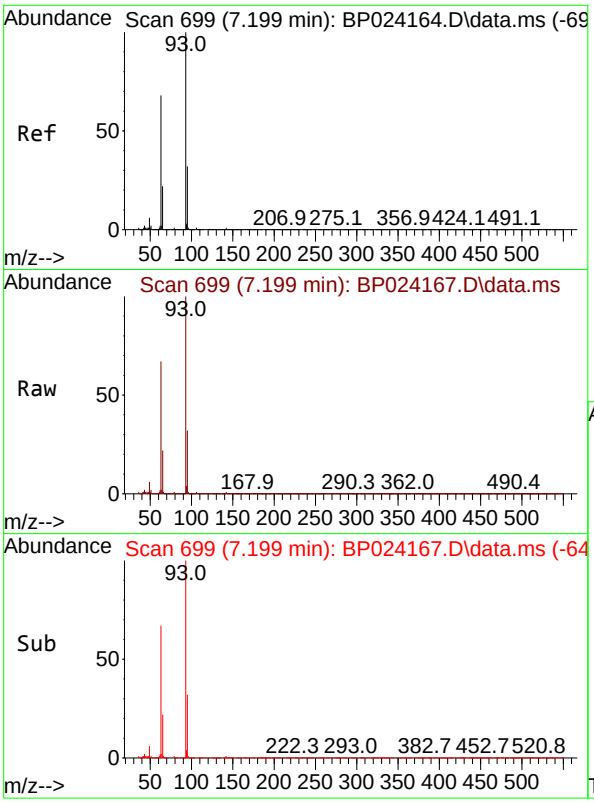


#10
Phenol
Concen: 84.573 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 94 Resp: 2556863

Ion	Ratio	Lower	Upper
94	100		
65	24.4	4.9	44.9
66	31.0	11.9	51.9



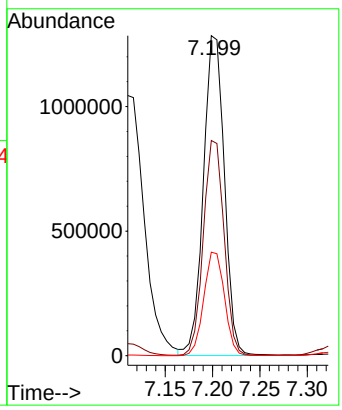


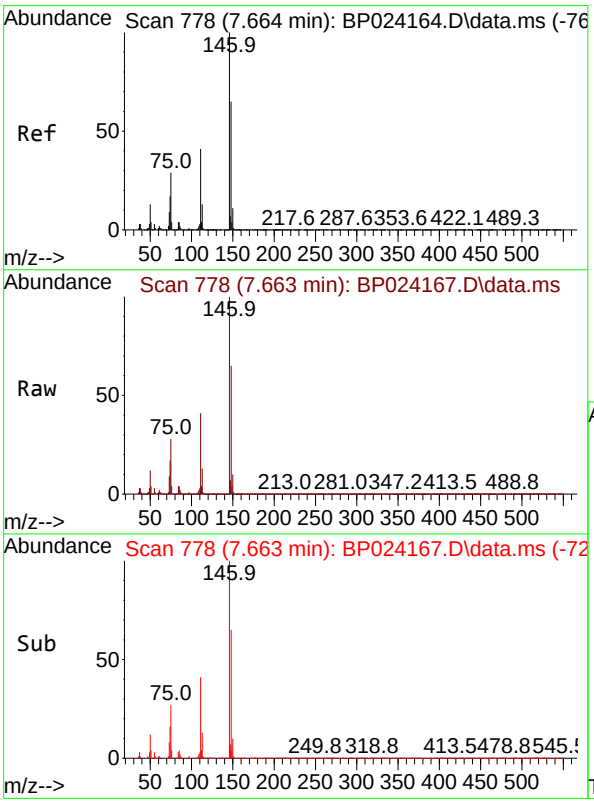
#11
bis(2-Chloroethyl)ether
Concen: 83.121 ng
RT: 7.199 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1979282

Ion	Ratio	Lower	Upper
93	100		
63	67.3	47.4	87.4
95	32.3	12.1	52.1

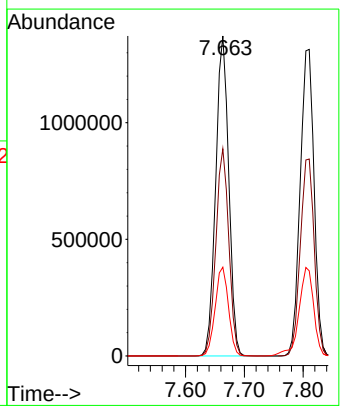


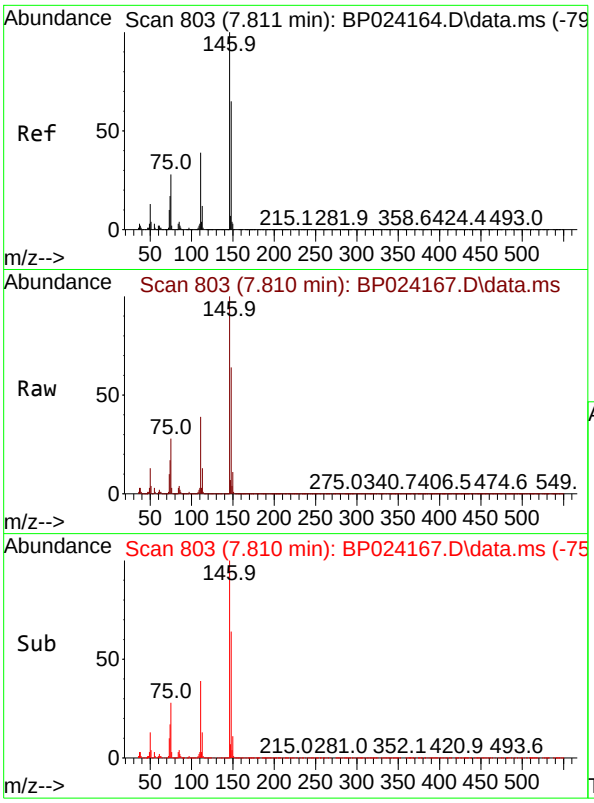


#12
1,3-Dichlorobenzene
Concen: 77.577 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:146 Resp: 2110081

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
75	27.8	22.8	34.2



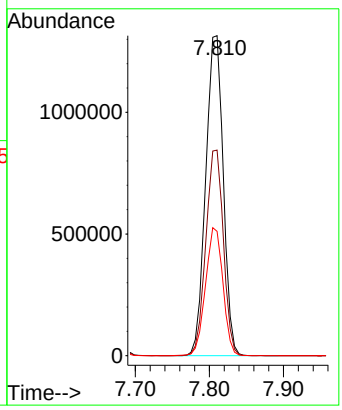


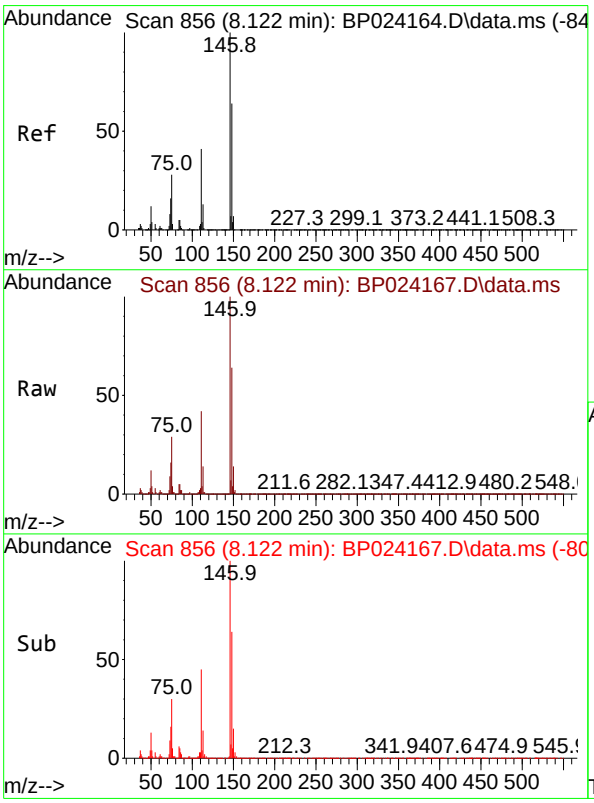
#13
1,4-Dichlorobenzene
Concen: 78.507 ng
RT: 7.810 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2159502

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	38.9	31.4	47.2

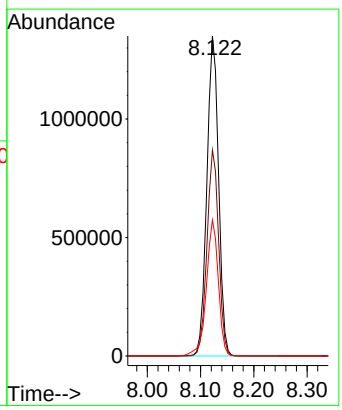


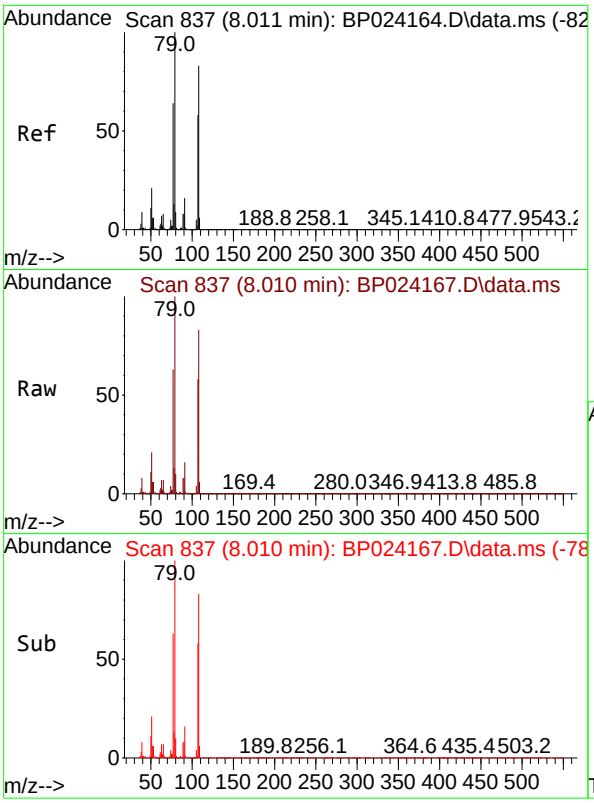


#14
1,2-Dichlorobenzene
Concen: 78.042 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:146 Resp: 2060216

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	42.5	33.2	49.8



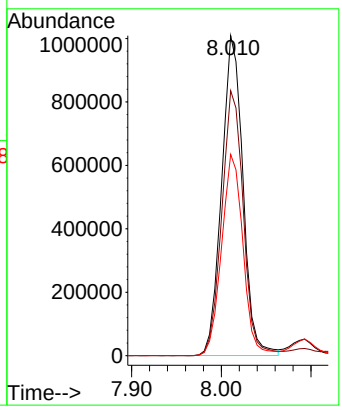


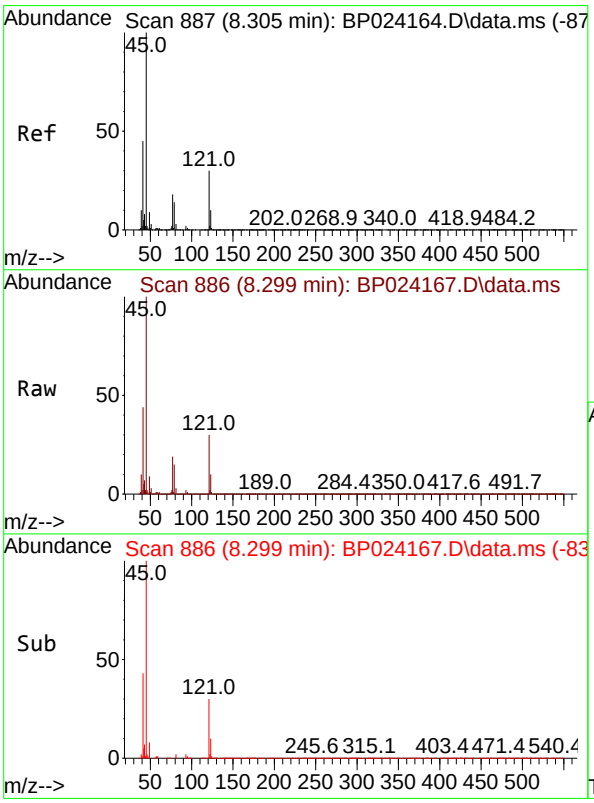
#15
Benzyl Alcohol
Concen: 90.370 ng
RT: 8.010 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1663098

Ion	Ratio	Lower	Upper
79	100		
108	82.8	66.5	99.7
77	62.9	50.9	76.3

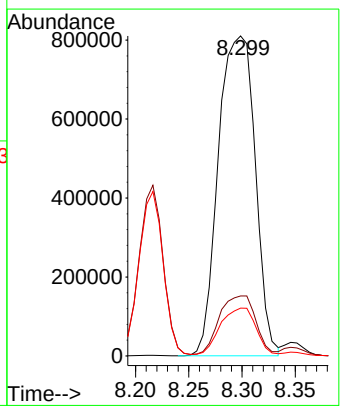


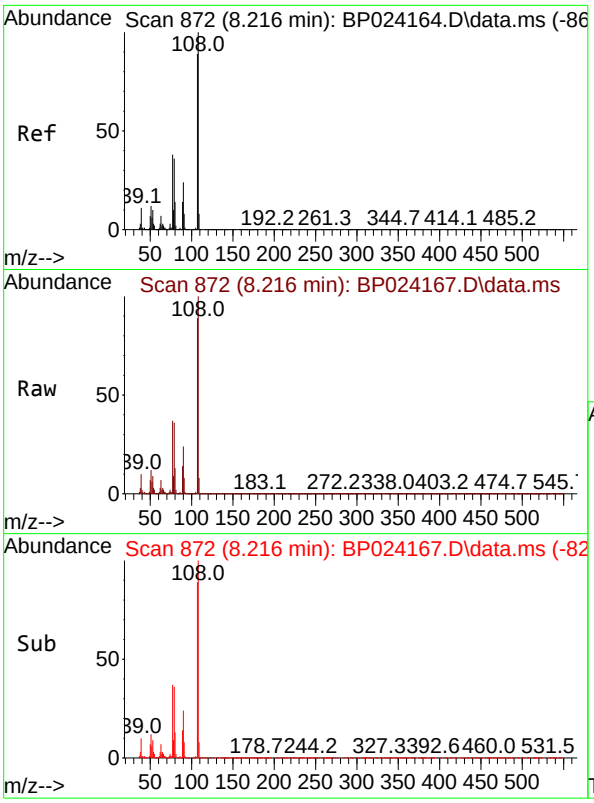


#16
2,2'-oxybis(1-Chloropropane)
Concen: 84.398 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 45 Resp: 1950889

Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	39.0
79	15.0	0.0	35.6



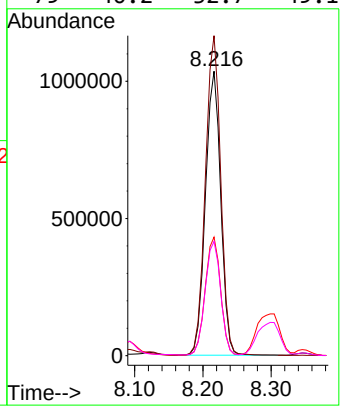


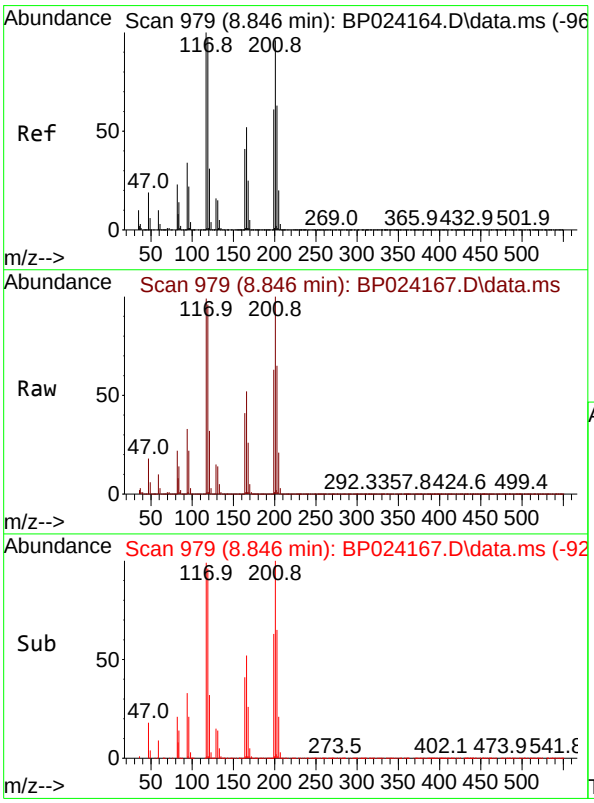
#17
2-Methylphenol
Concen: 87.877 ng
RT: 8.216 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1619006

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	41.7	34.0	51.0
79	40.2	32.7	49.1

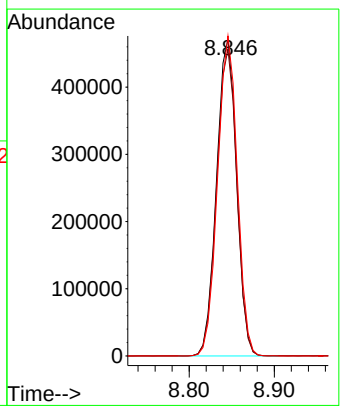


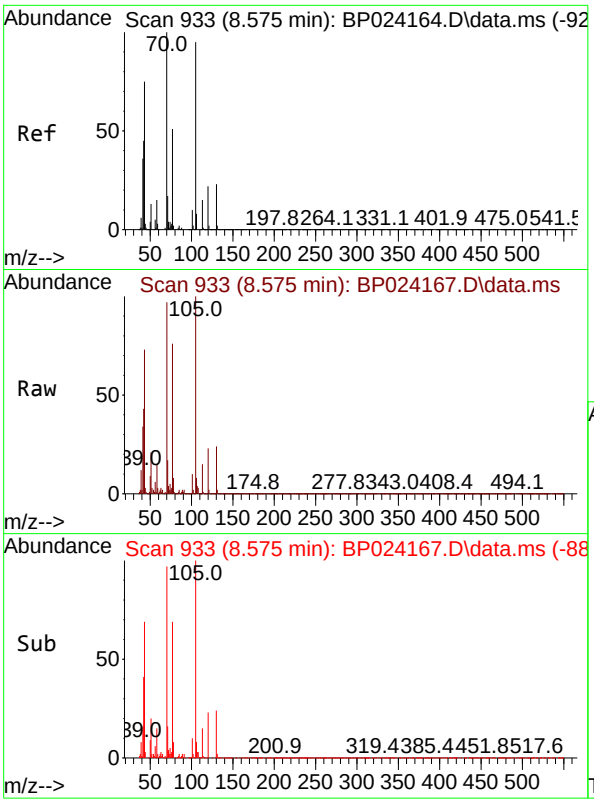


#18
Hexachloroethane
Concen: 78.037 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:117 Resp: 773060

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	101.0	76.6	114.8



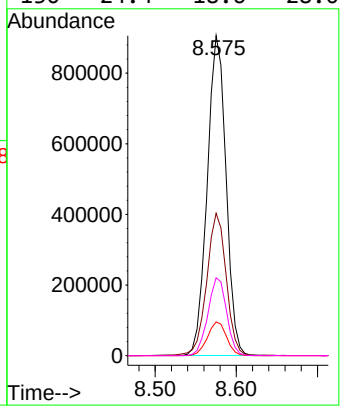


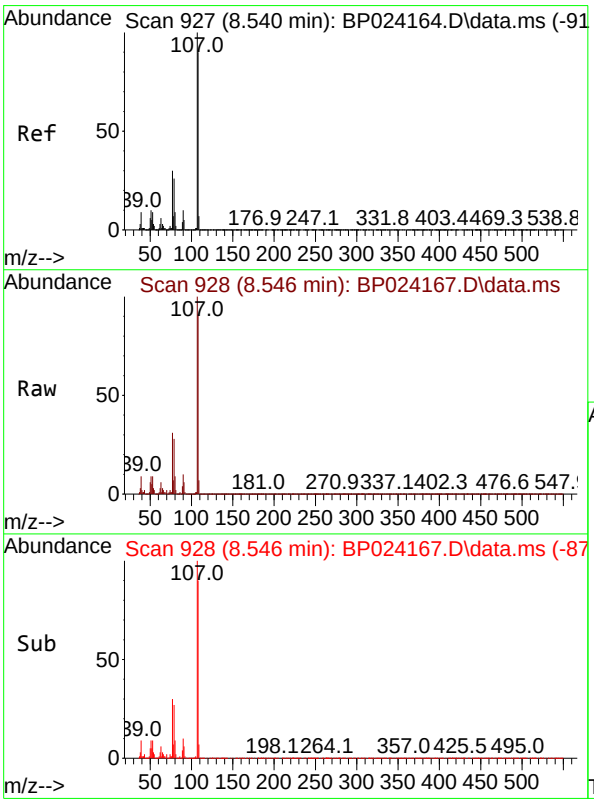
#19
n-Nitroso-di-n-propylamine
Concen: 90.027 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 1455297

Ion	Ratio	Lower	Upper
70	100		
42	44.5	36.0	54.0
101	10.6	8.3	12.5
130	24.4	18.6	28.0

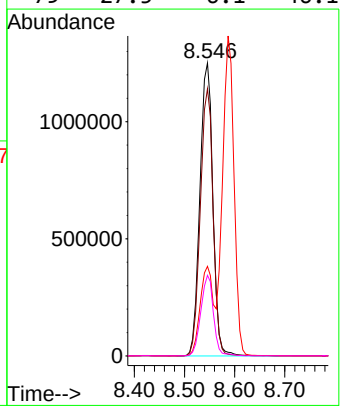


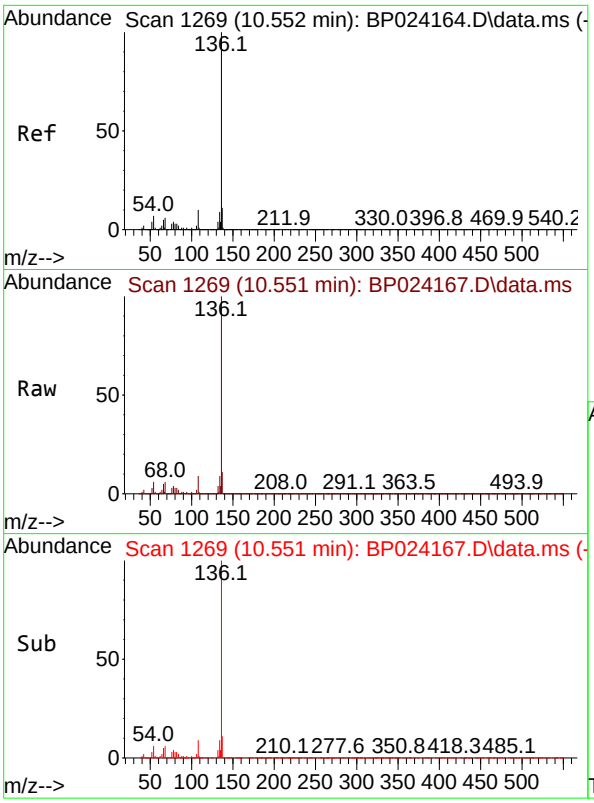


#20
3+4-Methylphenols
Concen: 89.384 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:107 Resp: 2240243

Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.7	109.7
77	30.6	10.3	50.3
79	27.5	6.1	46.1



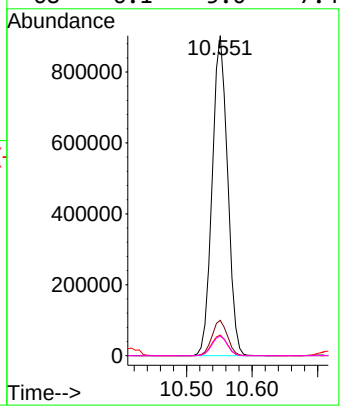


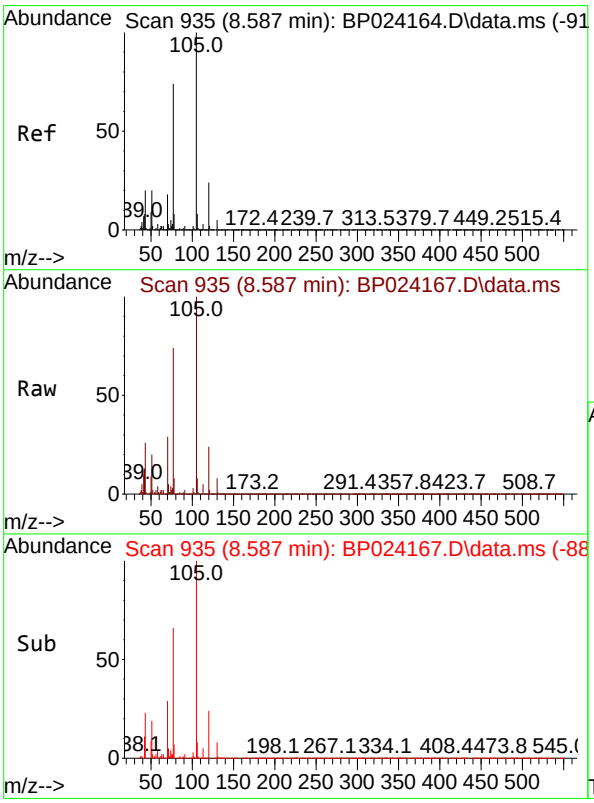
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 1468727

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	5.3	7.9
68	6.1	5.0	7.4

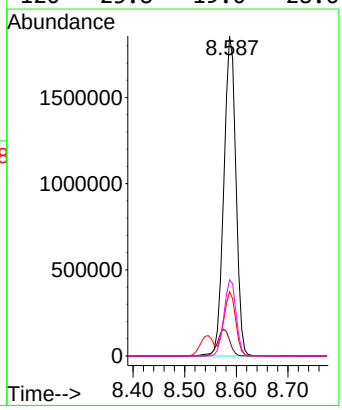


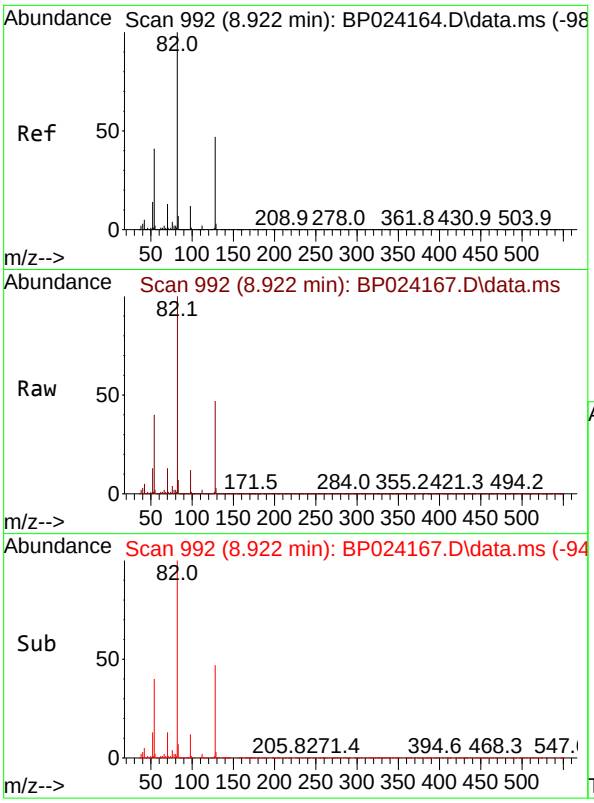


#22
Acetophenone
Concen: 79.697 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:105 Resp: 3007941

Ion	Ratio	Lower	Upper
105	100		
71	4.9	2.4	3.6#
51	20.0	16.2	24.2
120	23.8	19.0	28.6



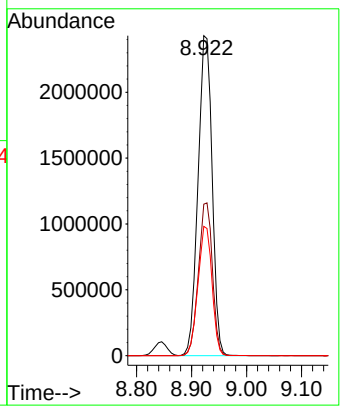


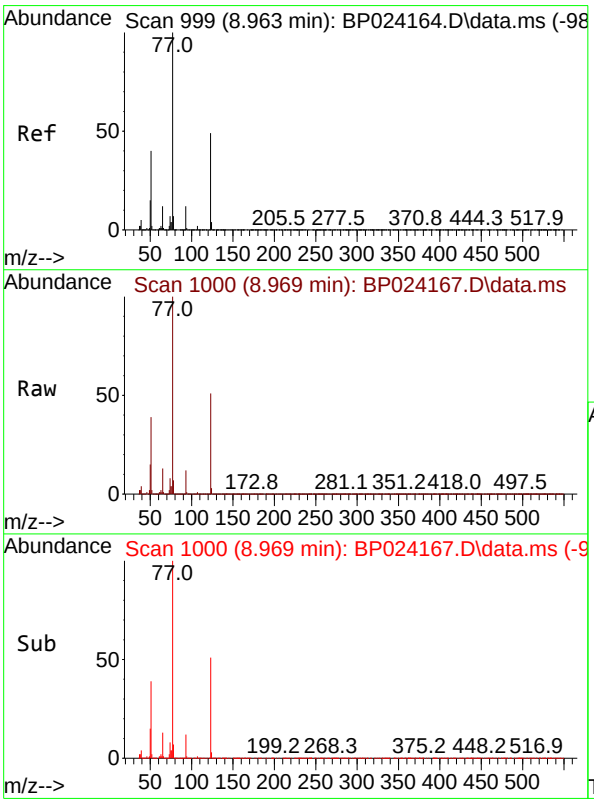
#23
Nitrobenzene-d5
Concen: 163.878 ng
RT: 8.922 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 4314346

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	40.4	32.5	48.7

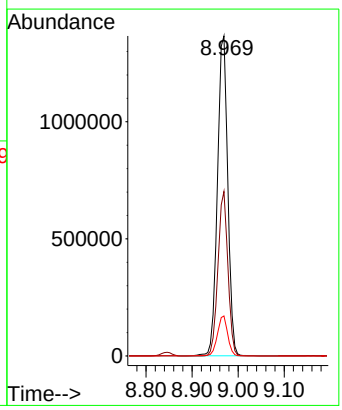


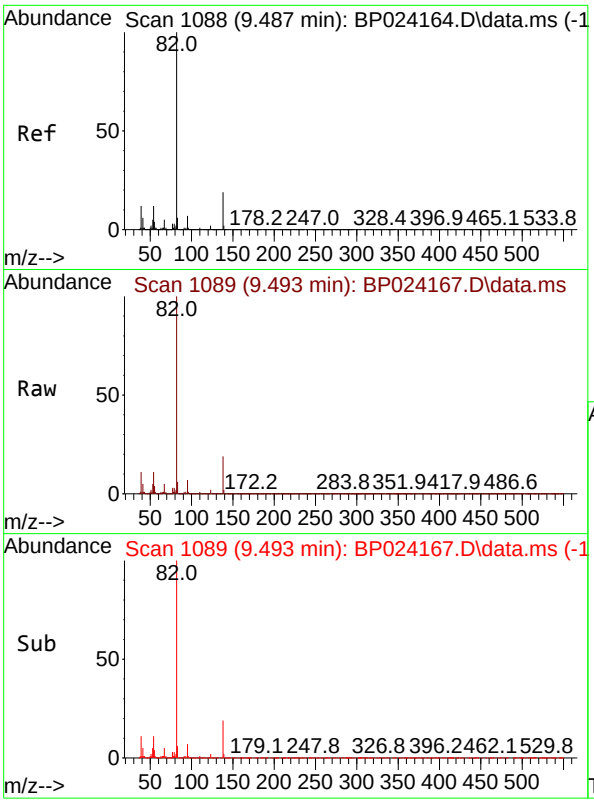


#24
Nitrobenzene
Concen: 81.768 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 77 Resp: 2118548

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.4	59.2
65	12.5	9.9	14.9



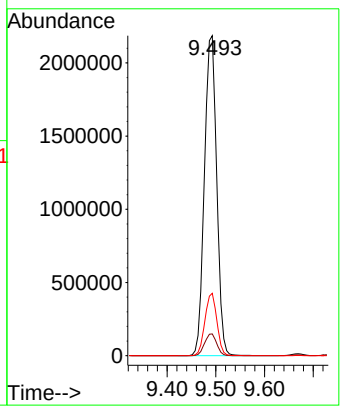


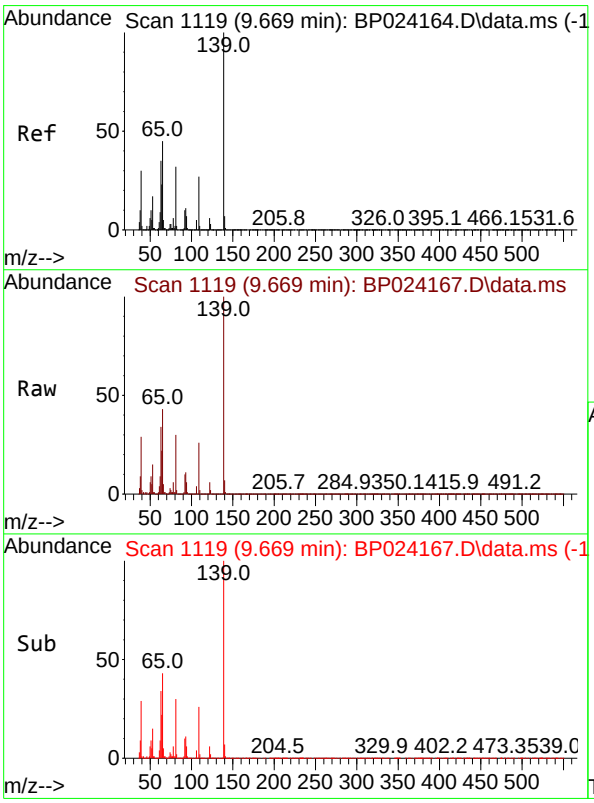
#25
Isophorone
Concen: 88.570 ng
RT: 9.493 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 3813082

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	19.5	14.8	22.2

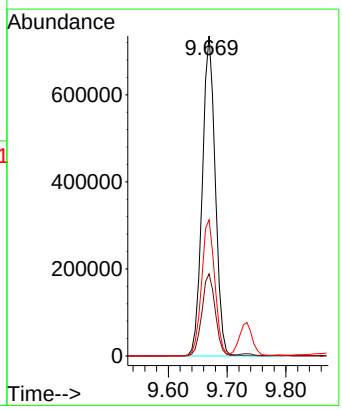


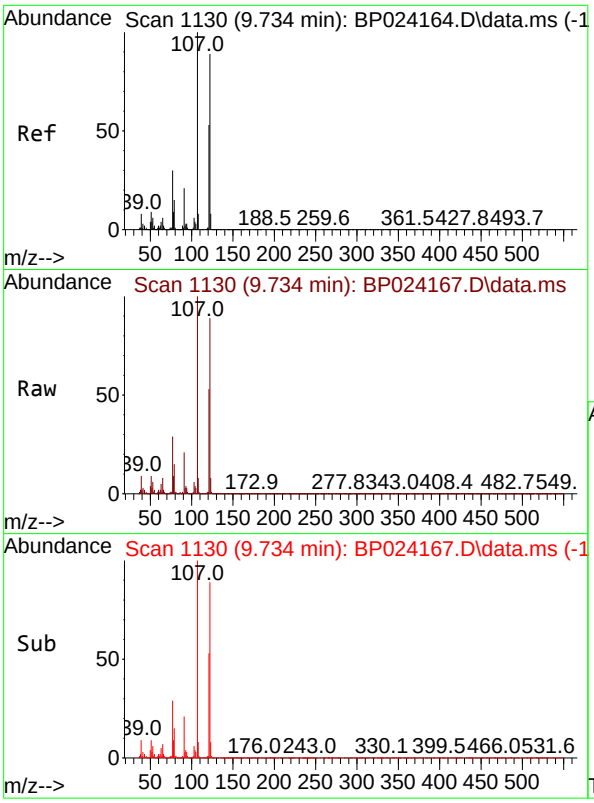


#26
2-Nitrophenol
Concen: 94.646 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:139 Resp: 1129770

Ion	Ratio	Lower	Upper
139	100		
109	25.7	21.7	32.5
65	42.6	35.8	53.8



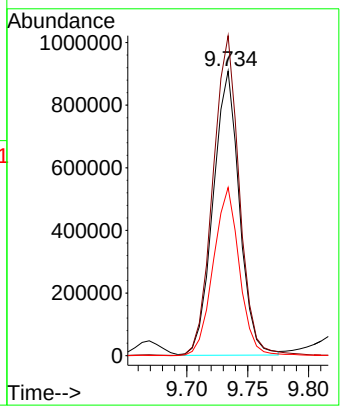


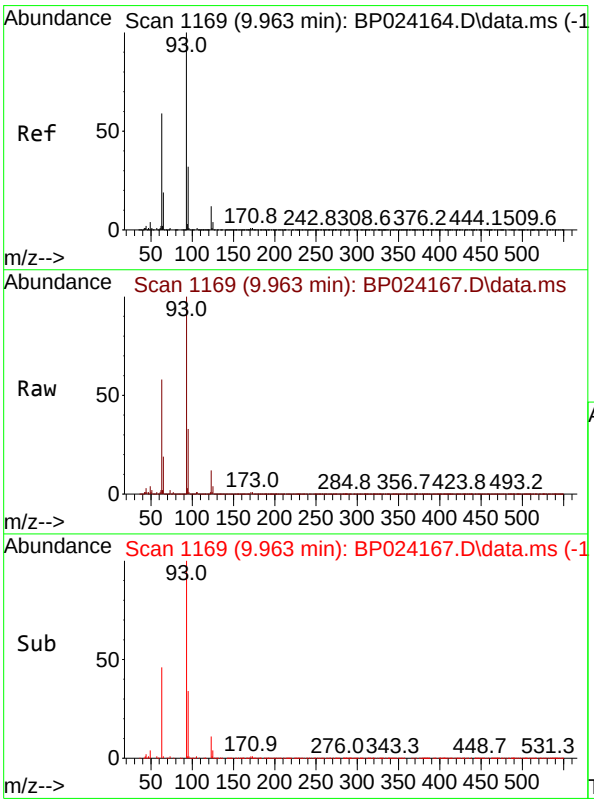
#27
2,4-Dimethylphenol
Concen: 86.904 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1361694

Ion	Ratio	Lower	Upper
122	100		
107	112.4	89.3	133.9
121	59.0	47.5	71.3

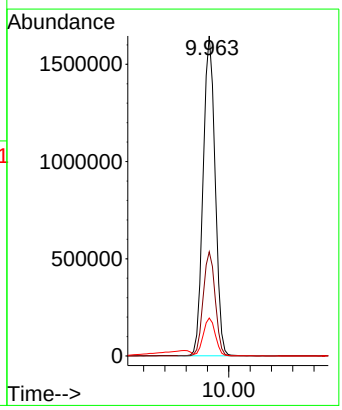


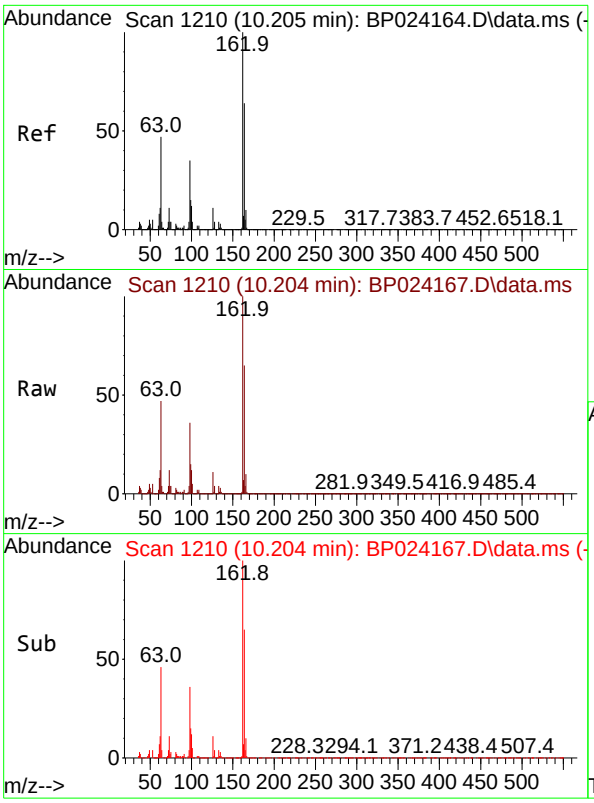


#28
bis(2-Chloroethoxy)methane
Concen: 82.625 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 93 Resp: 2576867

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	11.8	9.5	14.3



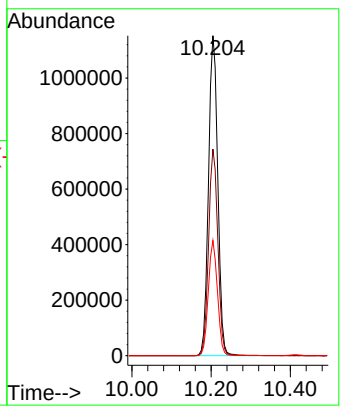


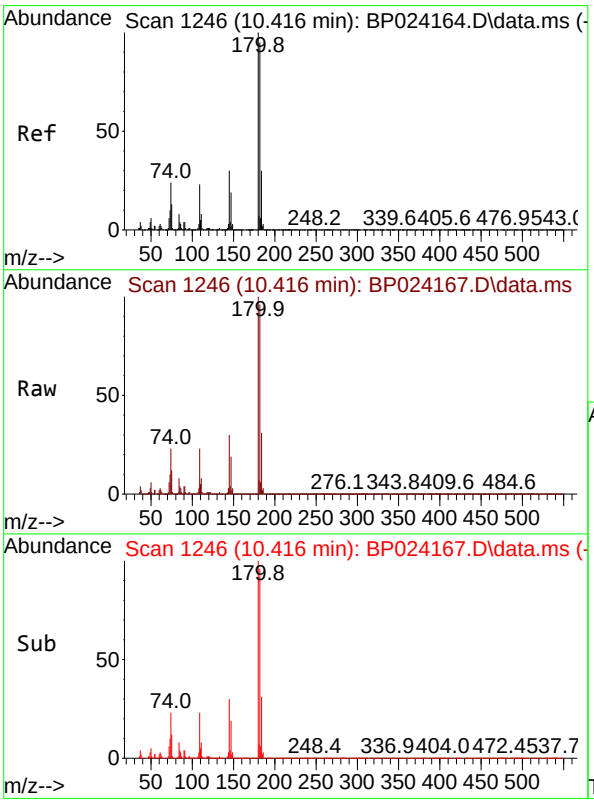
#29
2,4-Dichlorophenol
Concen: 87.724 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1875825

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.2	84.2
98	36.0	15.1	55.1

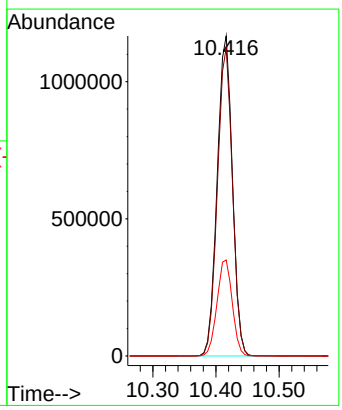


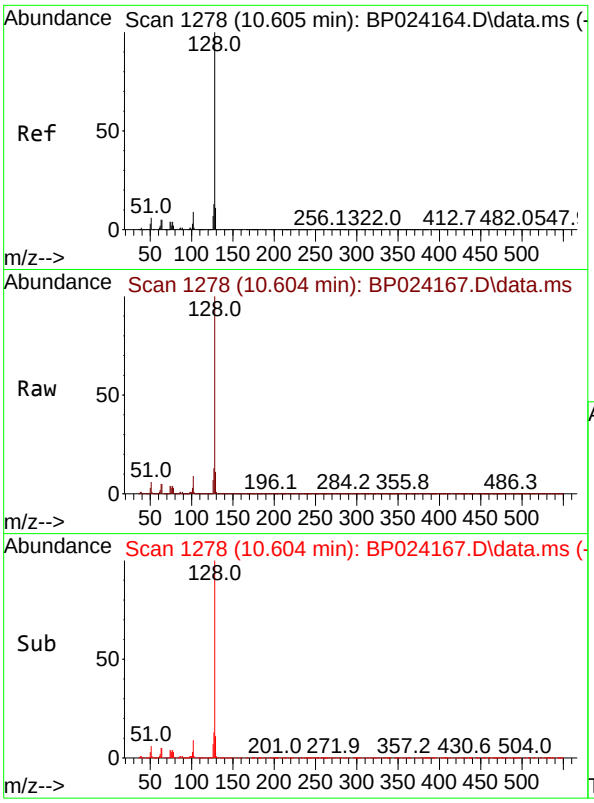


#30
1,2,4-Trichlorobenzene
Concen: 79.431 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:180 Resp: 1946046

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.1	114.1
145	30.0	24.2	36.2



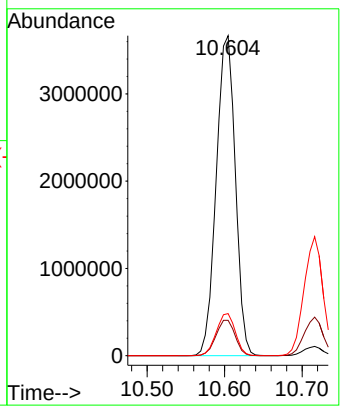


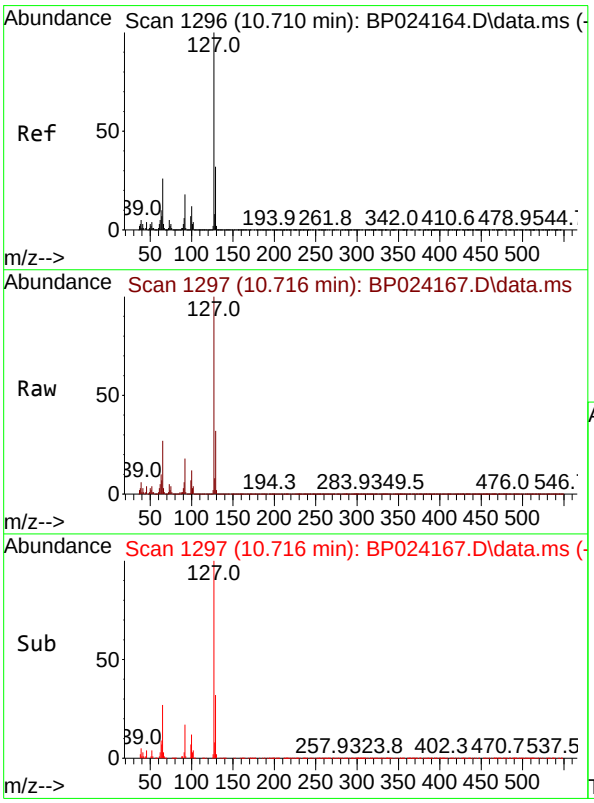
#31
Naphthalene
Concen: 79.507 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 6278869

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.4	15.6

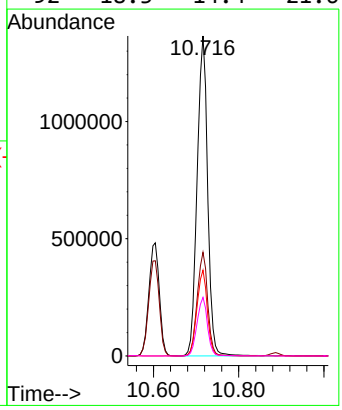


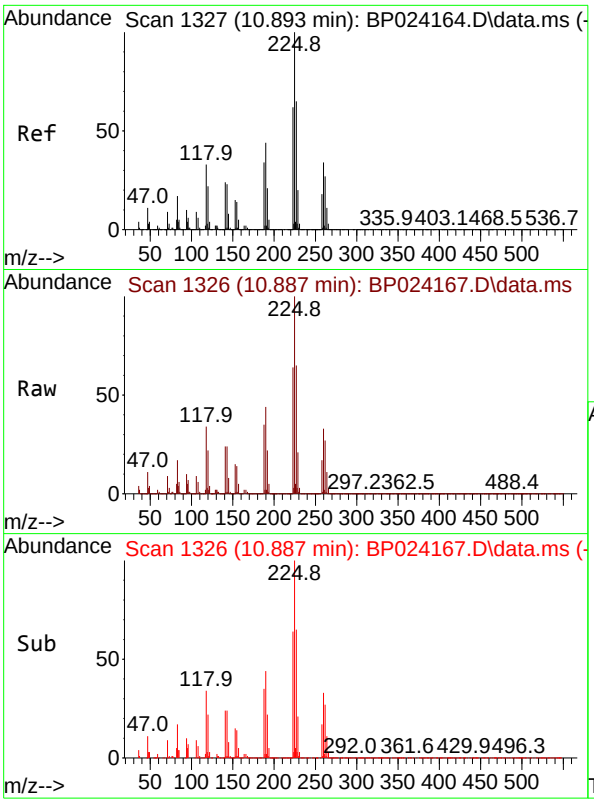


#33
4-Chloroaniline
Concen: 83.990 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:127 Resp: 2336710

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	26.8	21.2	31.8
92	18.3	14.4	21.6



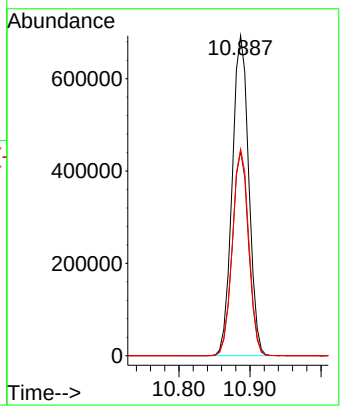


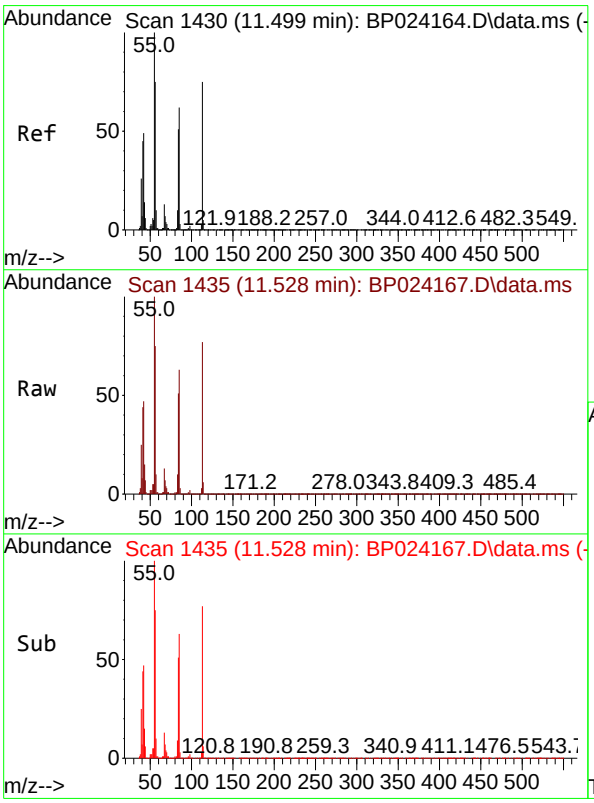
#34
Hexachlorobutadiene
Concen: 79.213 ng
RT: 10.887 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 1124081

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	64.6	52.2	78.2

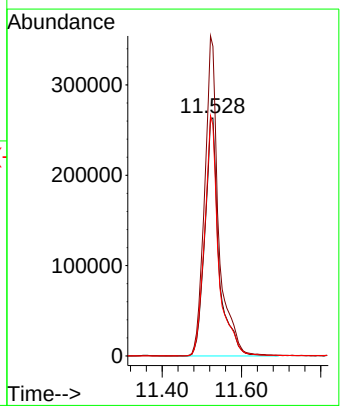


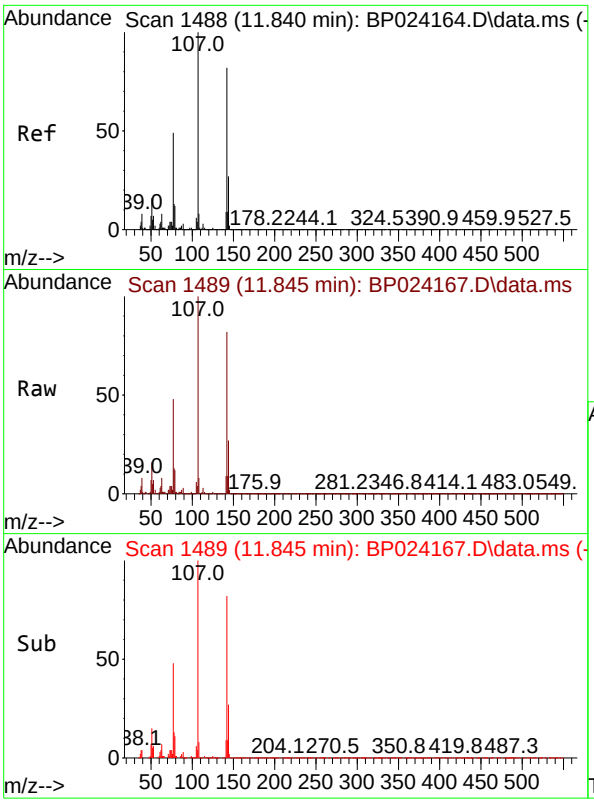


#35
Caprolactam
Concen: 101.156 ng
RT: 11.528 min Scan# 1435
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:113 Resp: 654999

Ion	Ratio	Lower	Upper
113	100		
55	130.2	113.6	153.6
56	97.1	80.0	120.0



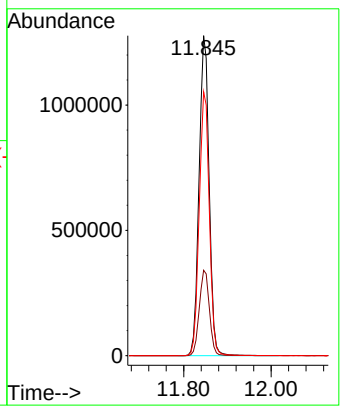


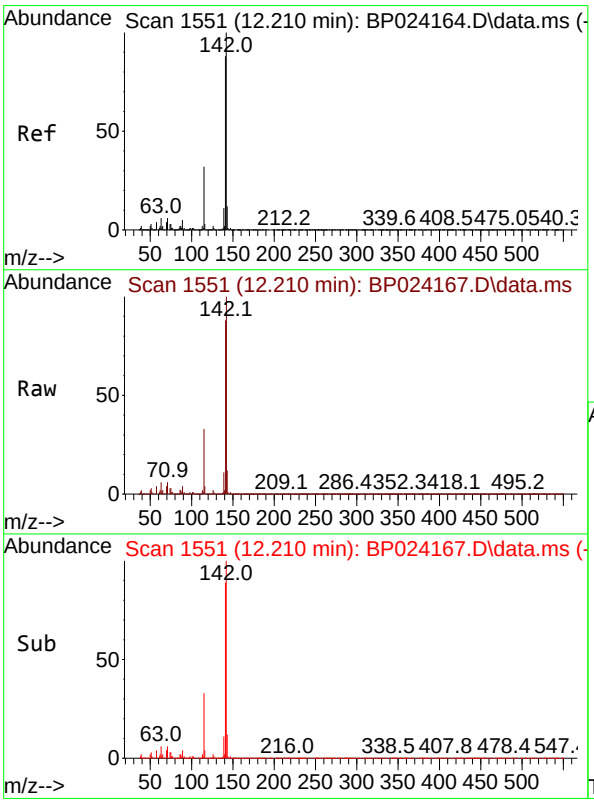
#36
4-Chloro-3-methylphenol
Concen: 92.924 ng
RT: 11.845 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 2042687

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.6	32.4
142	82.4	65.4	98.0

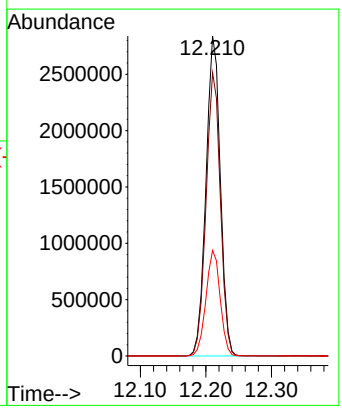


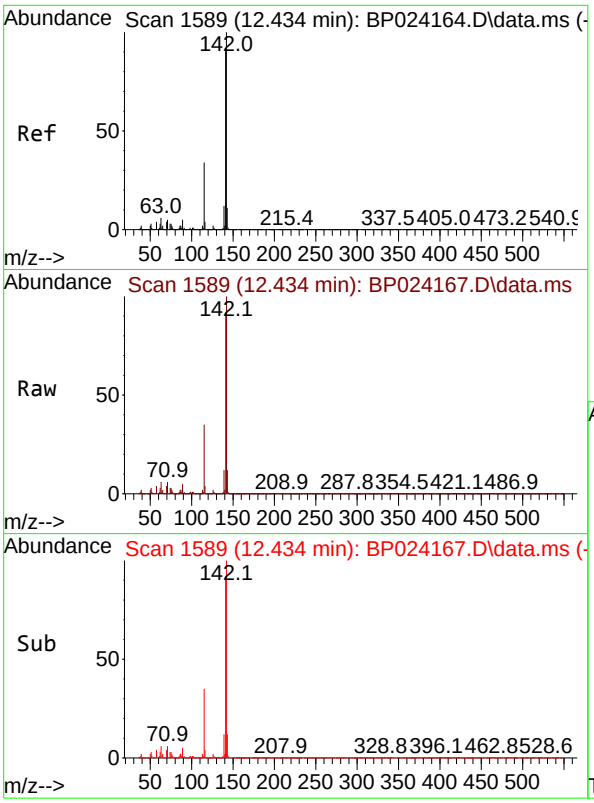


#37
2-Methylnaphthalene
Concen: 82.244 ng
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:142 Resp: 4316966

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	33.0	26.0	39.0



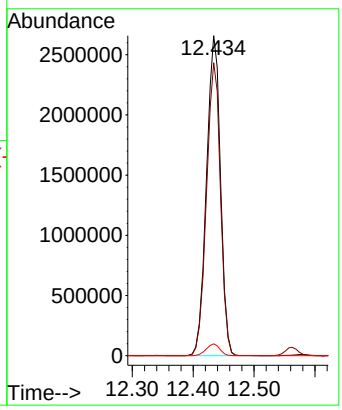


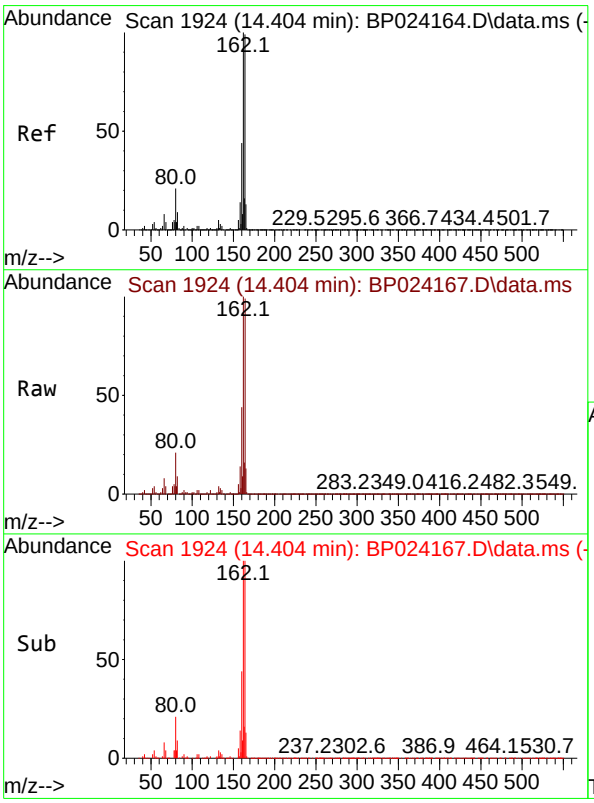
#38
1-Methylnaphthalene
Concen: 82.791 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 4227550

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.9	110.9
116	3.7	2.8	4.2

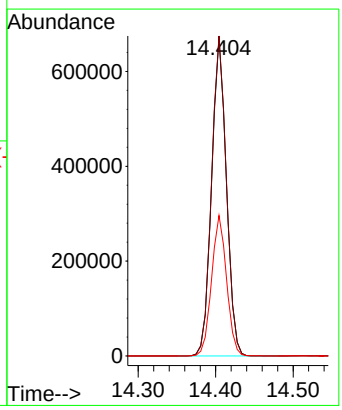


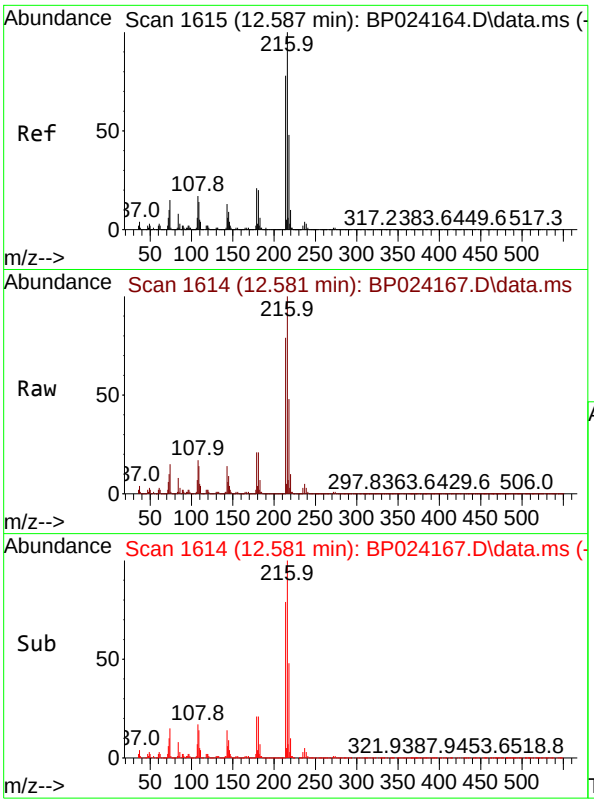


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:164 Resp: 888748

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	44.1	35.4	53.2



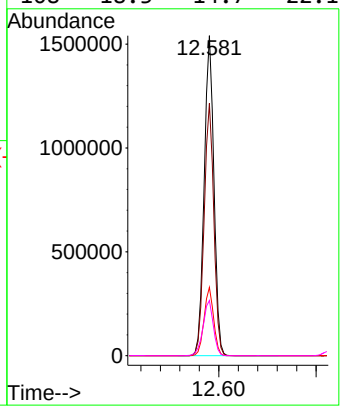


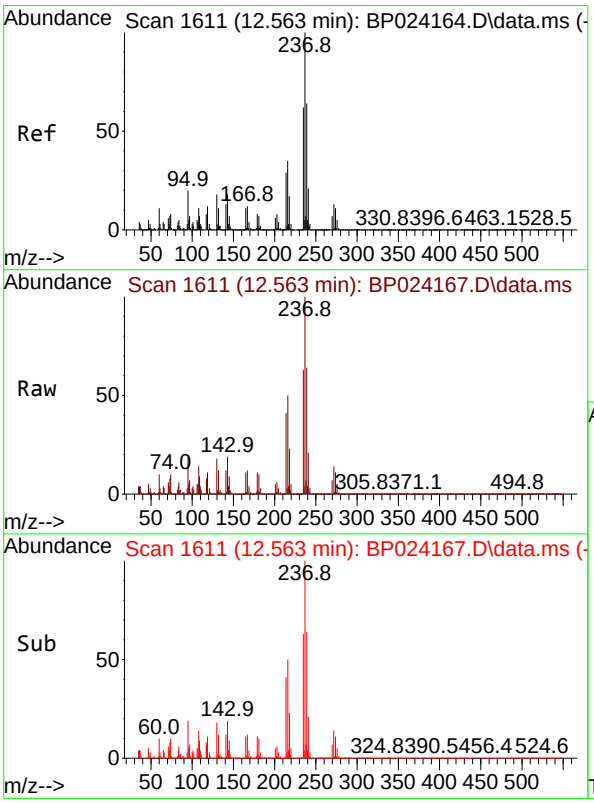
#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.644 ng
RT: 12.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 2120251

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	21.0	16.8	25.2
108	18.3	14.7	22.1

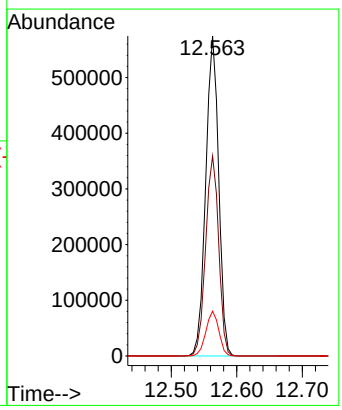


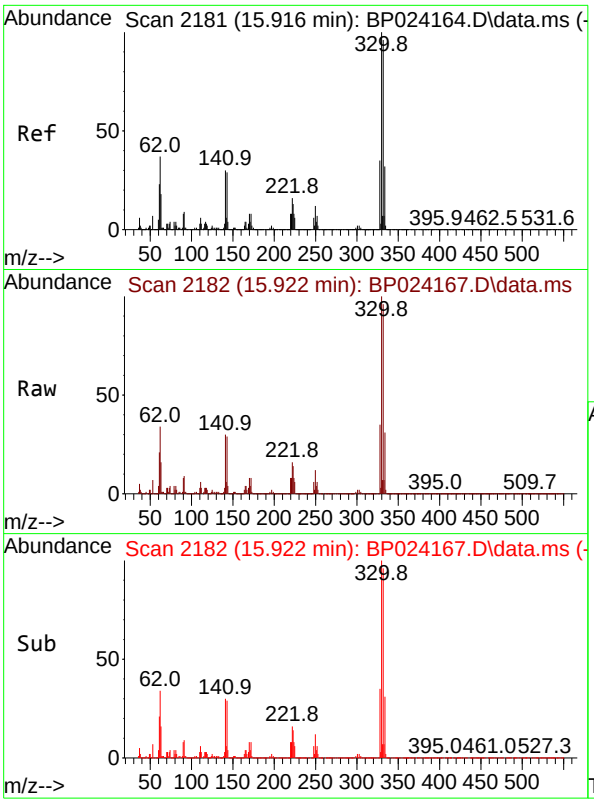


#41
Hexachlorocyclopentadiene
Concen: 77.633 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:237 Resp: 788854

Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.8	81.8
272	14.0	0.0	33.5



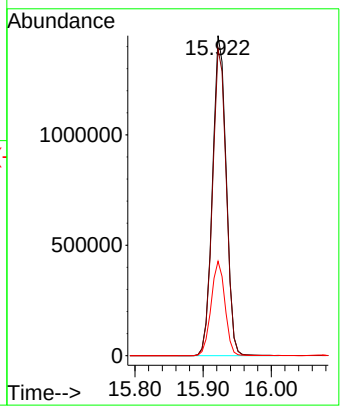


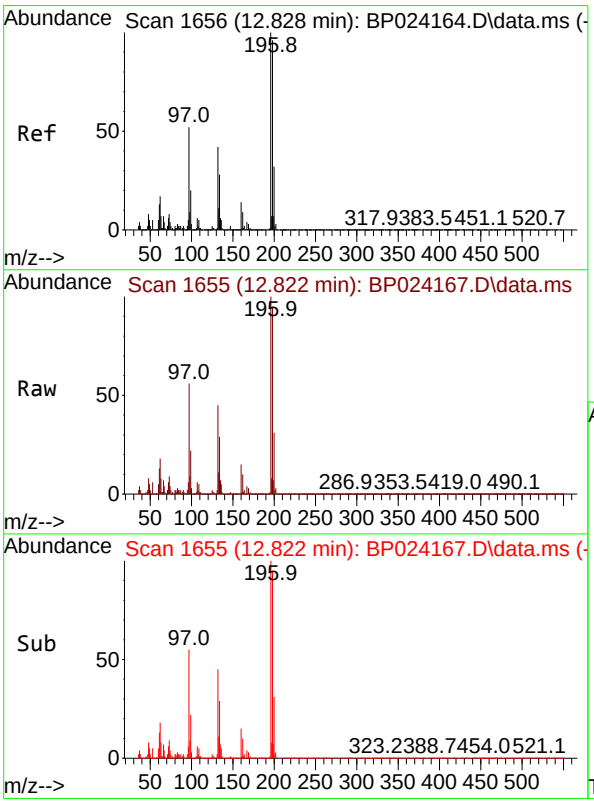
#42
2,4,6-Tribromophenol
Concen: 186.035 ng
RT: 15.922 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 2025211

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	29.9	25.0	37.6

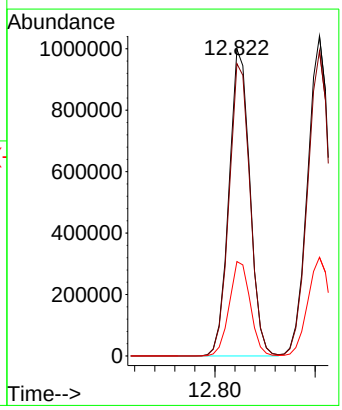


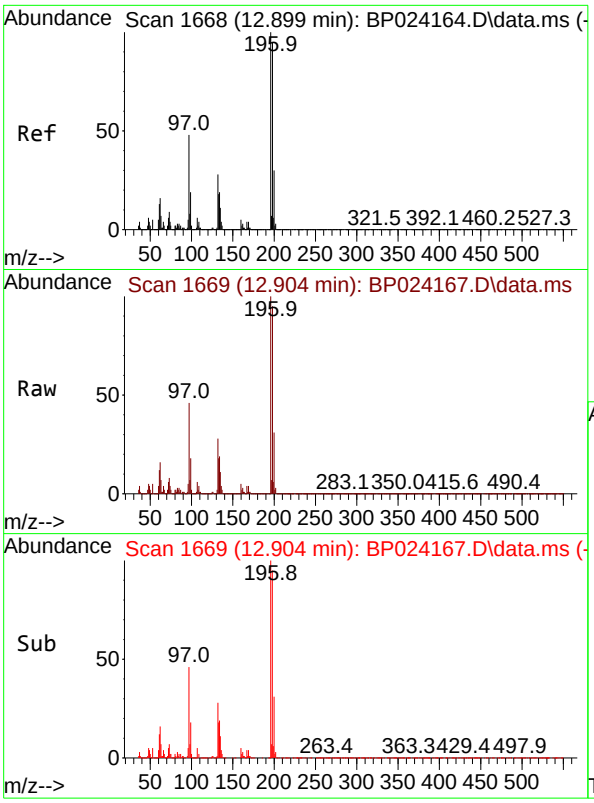


#43
2,4,6-Trichlorophenol
Concen: 86.697 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:196 Resp: 1443797

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	115.0
200	30.8	25.4	38.0



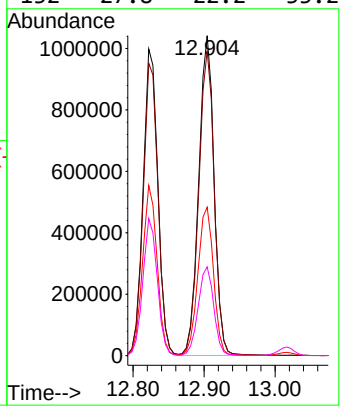


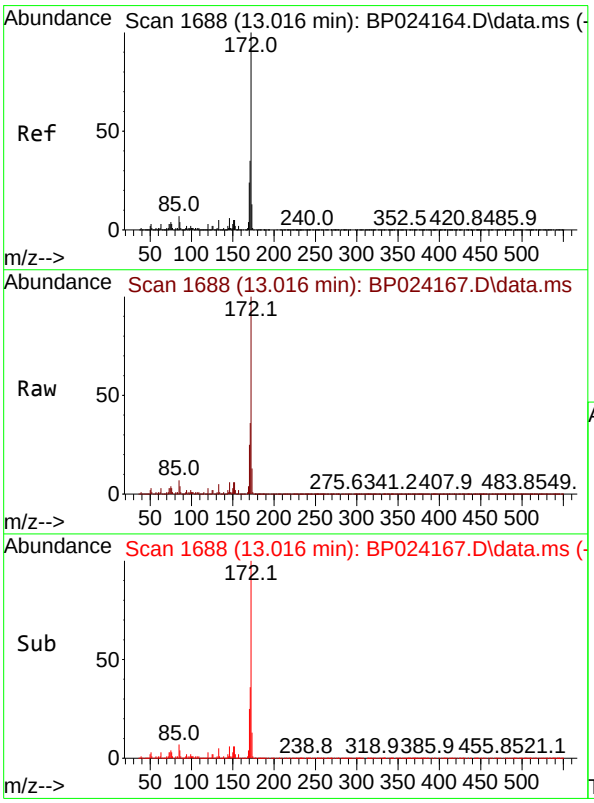
#44
2,4,5-Trichlorophenol
Concen: 86.506 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1575527

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.5	114.7
97	46.4	38.7	58.1
132	27.8	22.2	33.2

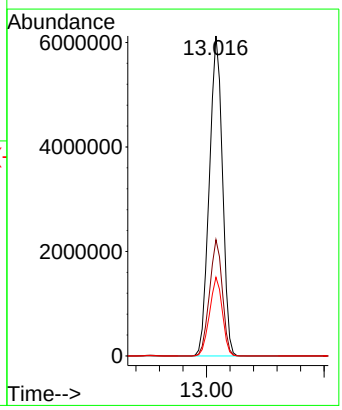


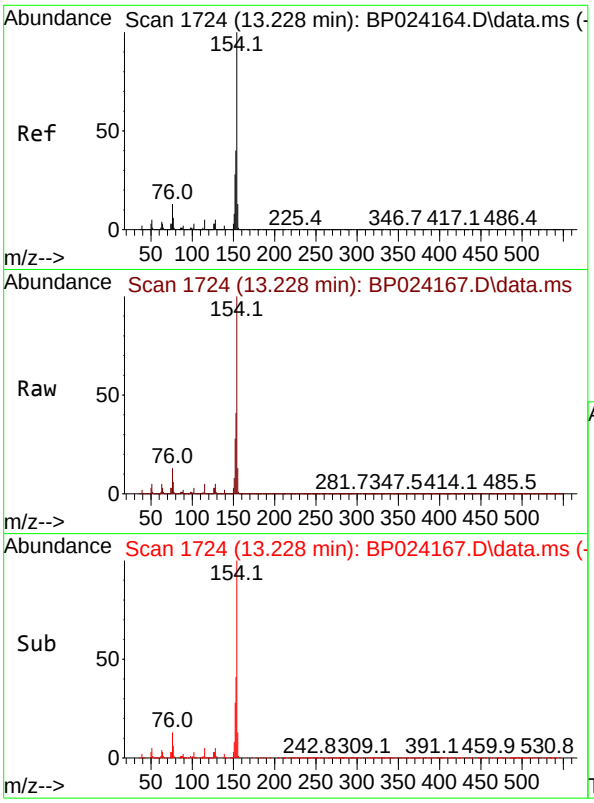


#45
2-Fluorobiphenyl
Concen: 148.993 ng
RT: 13.016 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:172 Resp: 9471932

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.3	42.5
170	24.6	19.0	28.4



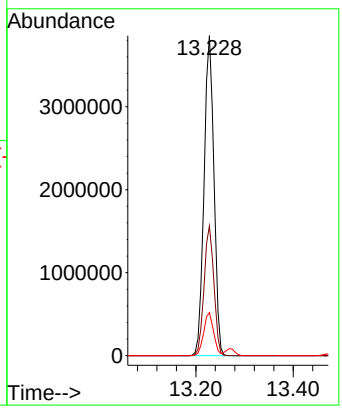


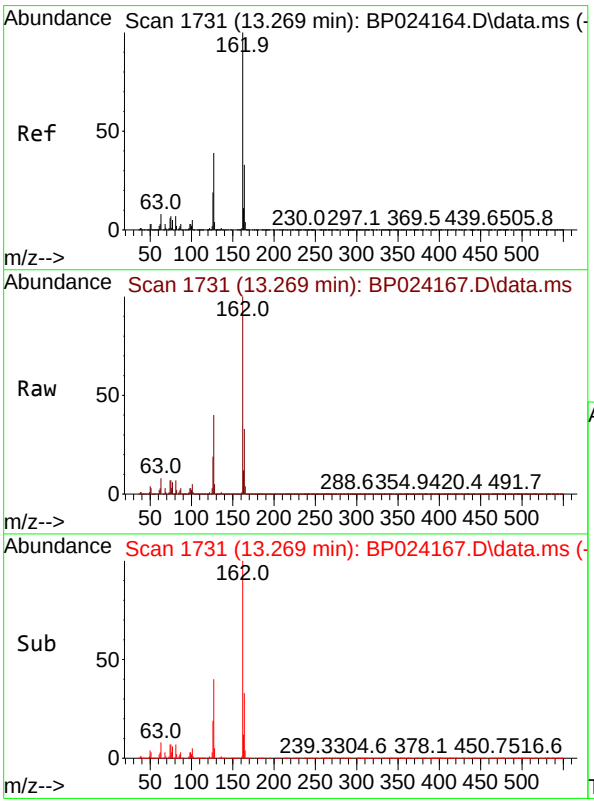
#46
1,1'-Biphenyl
Concen: 78.284 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 5406424

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.4	0.0	32.9

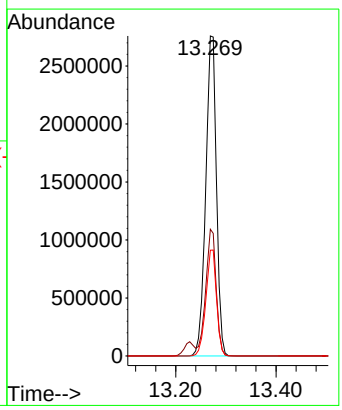


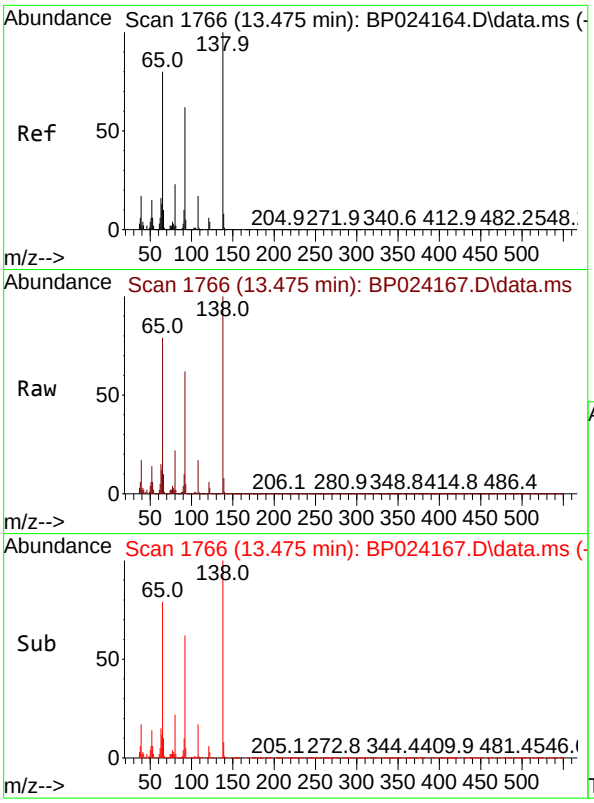


#47
2-Chloronaphthalene
Concen: 78.432 ng
RT: 13.269 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:162 Resp: 4094698

Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.5	47.3
164	33.0	26.6	39.8



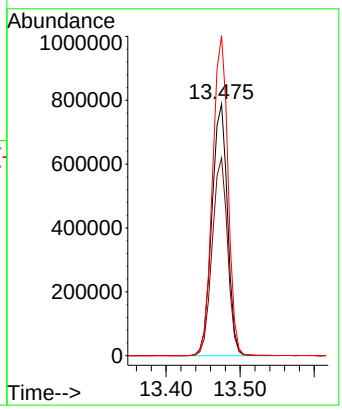


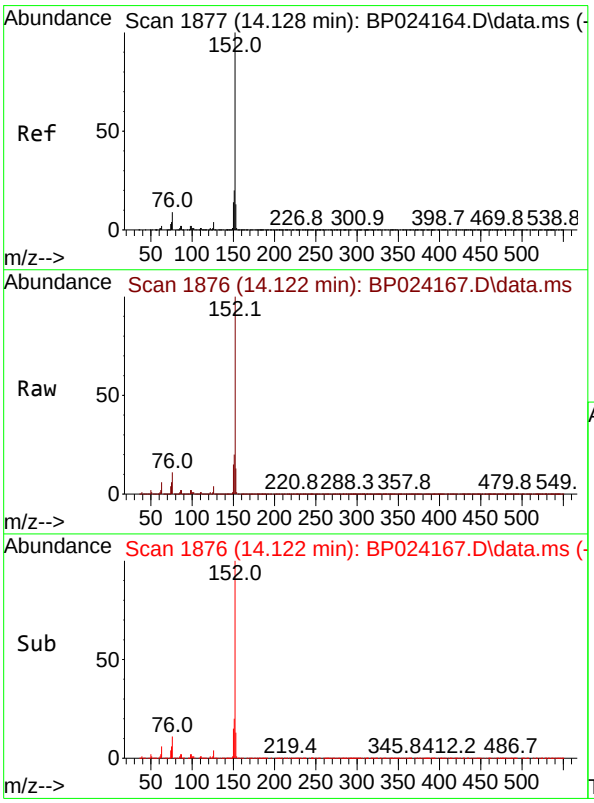
#48
2-Nitroaniline
Concen: 93.303 ng
RT: 13.475 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 1150637

Ion	Ratio	Lower	Upper
65	100		
92	78.6	62.1	93.1
138	127.1	99.5	149.3

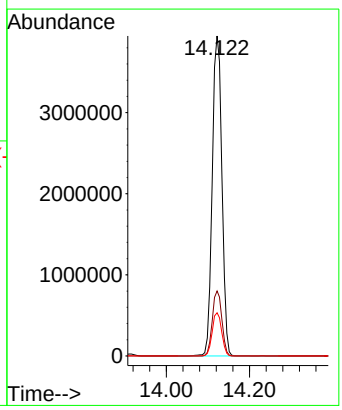


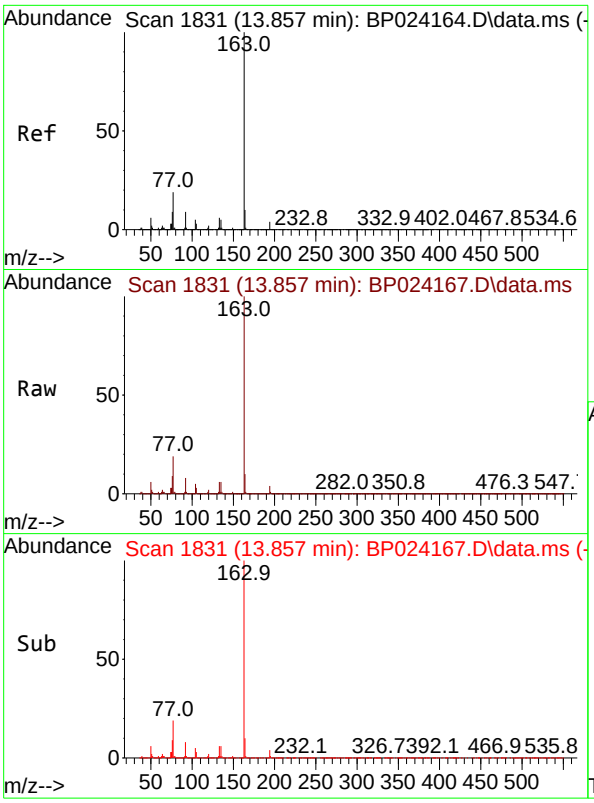


#49
Acenaphthylene
Concen: 82.473 ng
RT: 14.122 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:152 Resp: 6343598

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.5	10.6	15.8



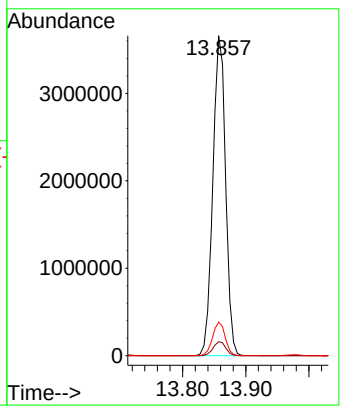


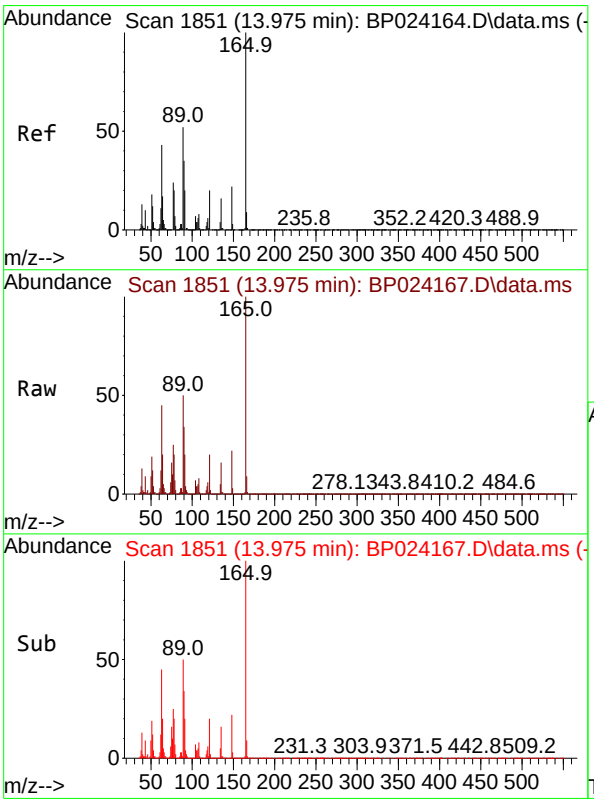
#50
Dimethylphthalate
Concen: 81.603 ng
RT: 13.857 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 5115780

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.5	8.2	12.4

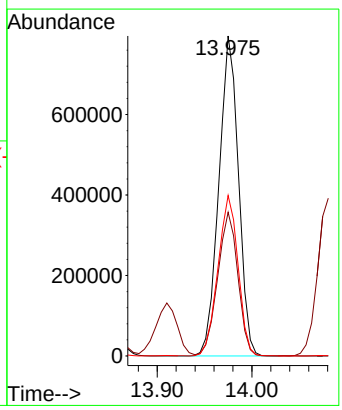


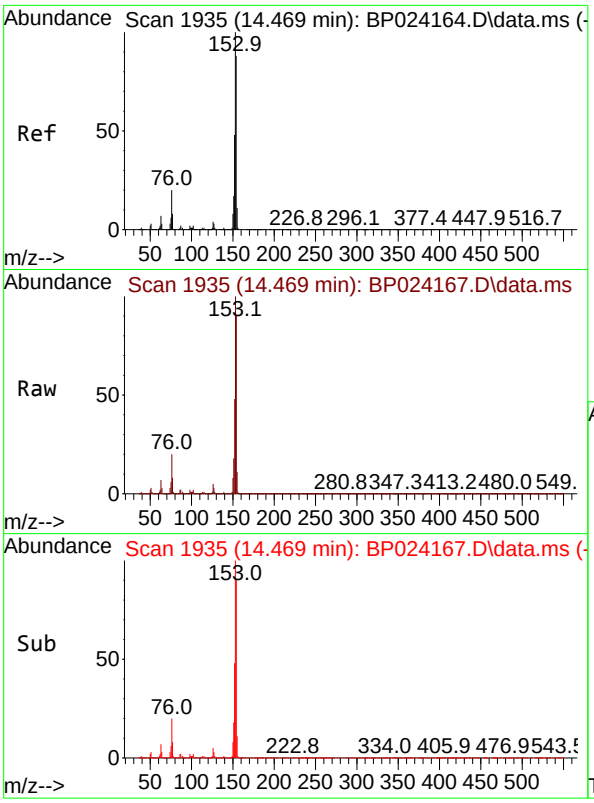


#51
2,6-Dinitrotoluene
Concen: 89.740 ng
RT: 13.975 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:165 Resp: 1146015

Ion	Ratio	Lower	Upper
165	100		
63	44.9	37.7	56.5
89	50.2	41.9	62.9



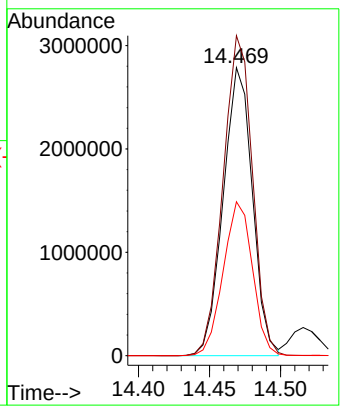


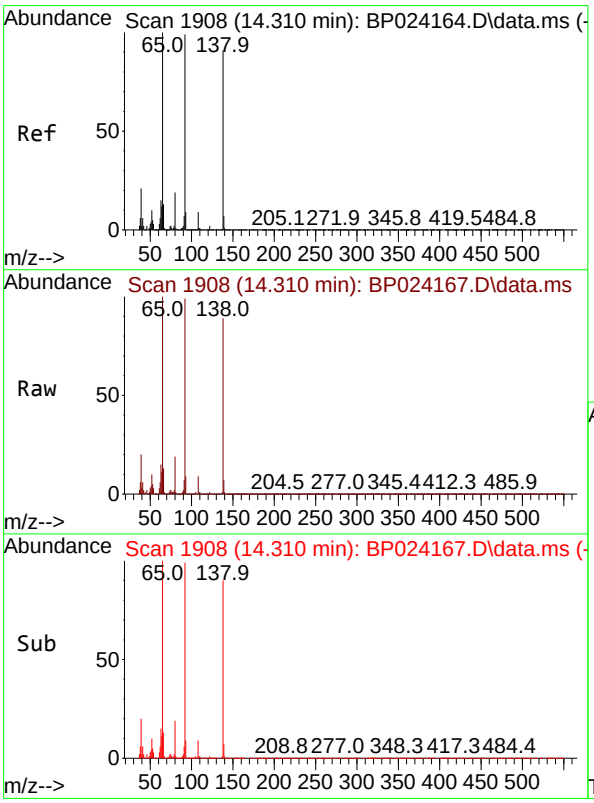
#52
Acenaphthene
Concen: 80.473 ng
RT: 14.469 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 3985981

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.5	135.7
152	53.5	43.1	64.7

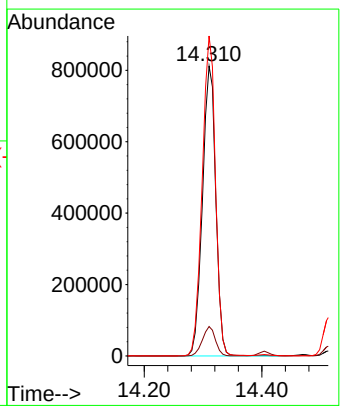


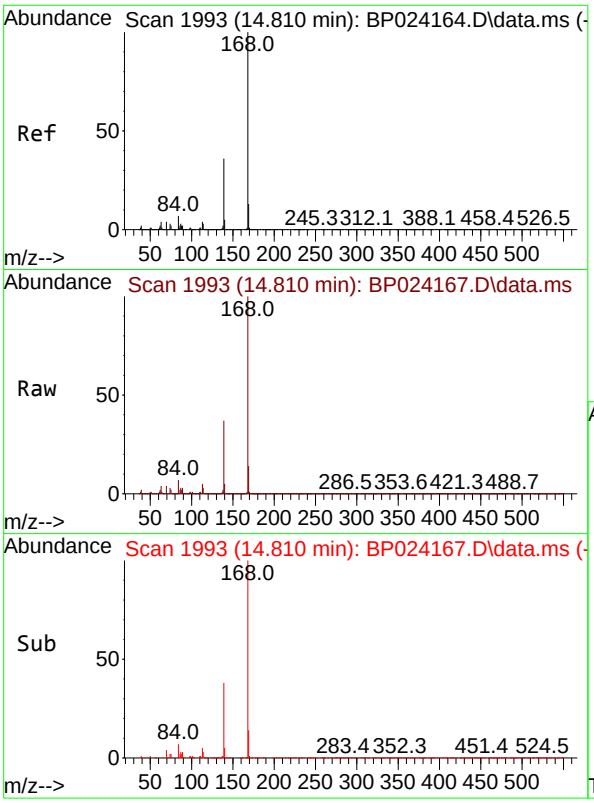


#53
3-Nitroaniline
Concen: 93.713 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:138 Resp: 1277036

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.2
92	110.4	86.7	130.1



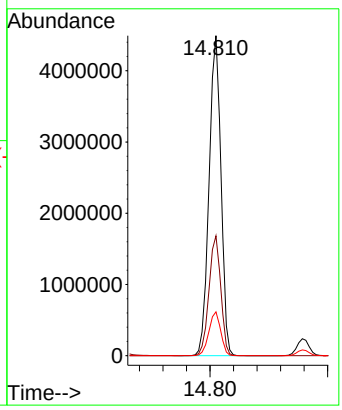


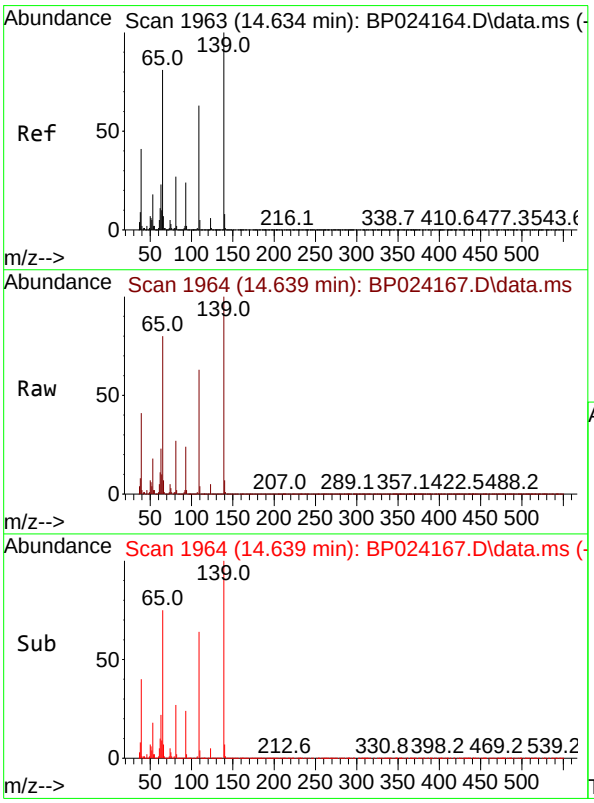
#55
Dibenzofuran
Concen: 78.144 ng
RT: 14.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 6287848

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.1	43.7
169	13.7	10.8	16.2

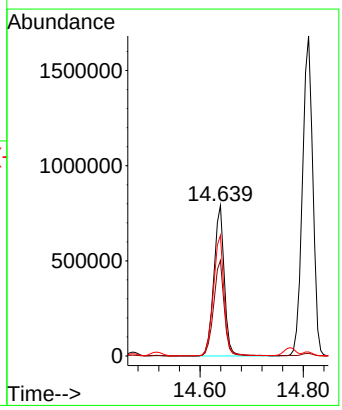


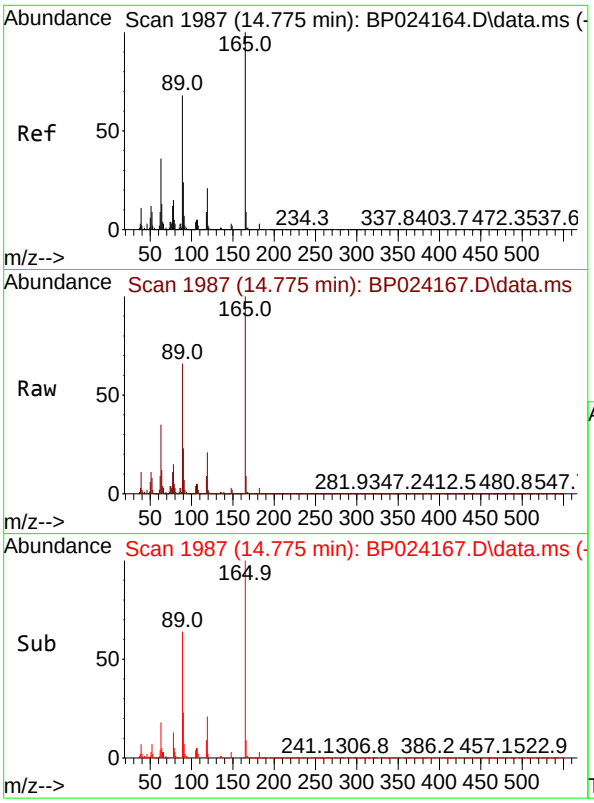


#56
4-Nitrophenol
Concen: 94.320 ng
RT: 14.639 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:139 Resp: 1110260

Ion	Ratio	Lower	Upper
139	100		
109	63.5	43.3	83.3
65	80.2	61.2	101.2



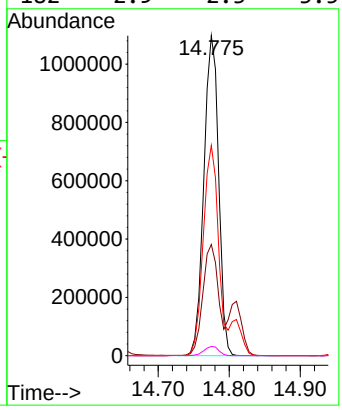


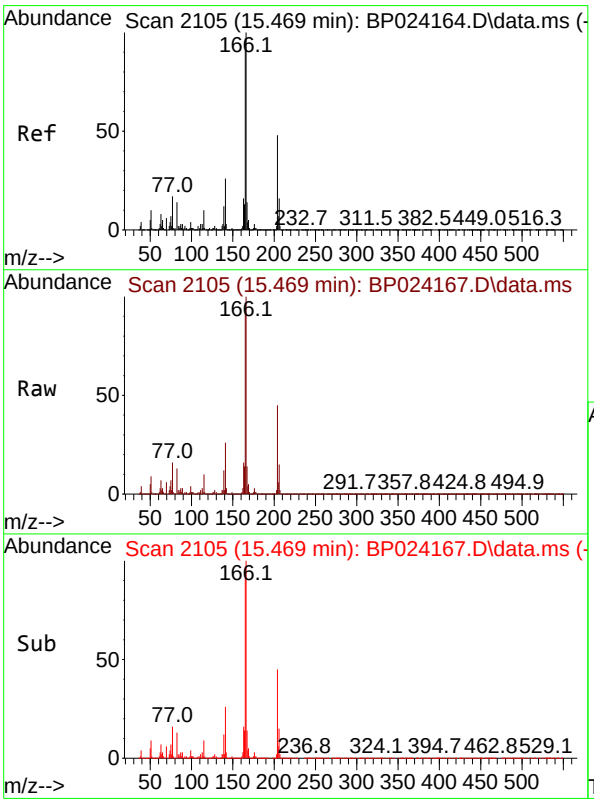
#57
2,4-Dinitrotoluene
Concen: 95.524 ng
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1584658

Ion	Ratio	Lower	Upper
165	100		
63	34.8	29.0	43.6
89	65.7	54.2	81.4
182	2.9	2.3	3.5

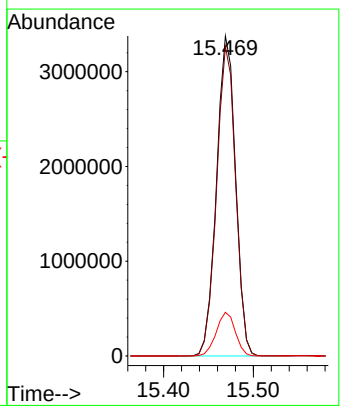


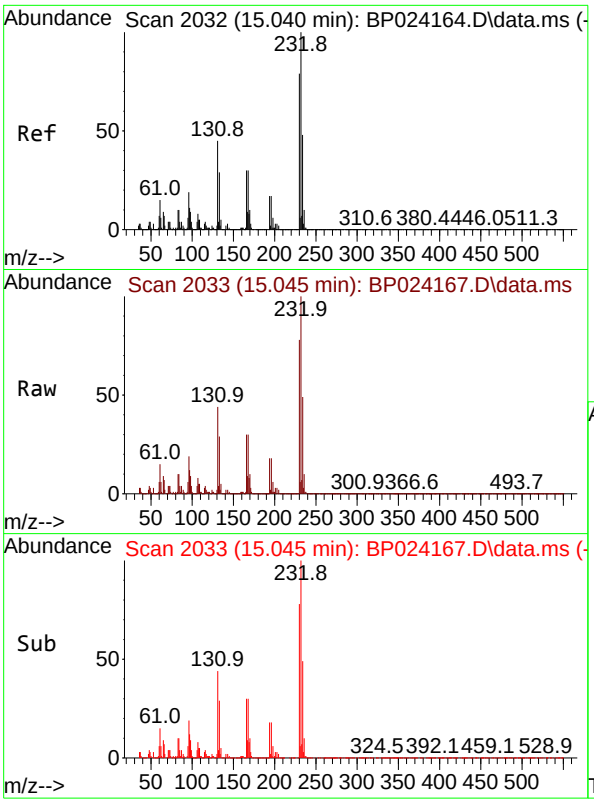


#58
Fluorene
Concen: 79.298 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:166 Resp: 4983161

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.6	116.4
167	13.7	10.8	16.2



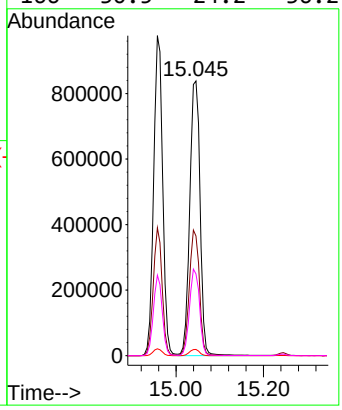


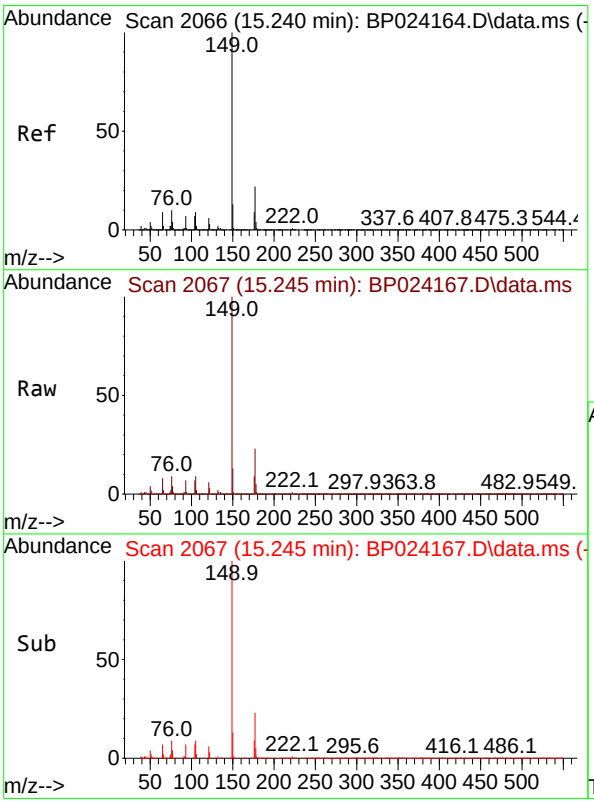
#59
2,3,4,6-Tetrachlorophenol
Concen: 86.797 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 1371535

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.9	53.9
130	2.2	1.8	2.6
166	30.5	24.2	36.2

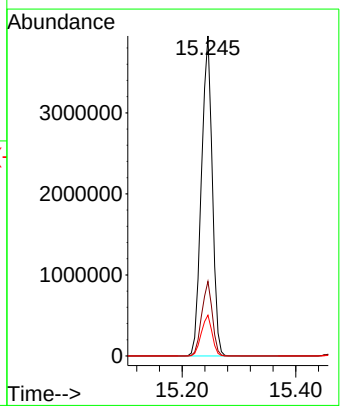


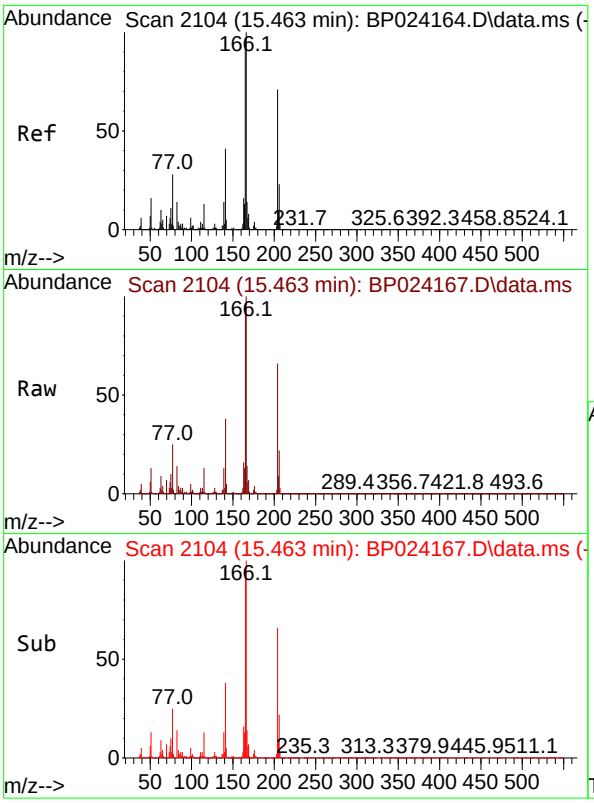


#60
Diethylphthalate
Concen: 83.898 ng
RT: 15.245 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:149 Resp: 5221159

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.7	26.5
150	12.7	10.2	15.4



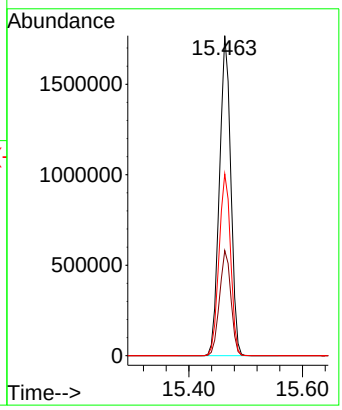


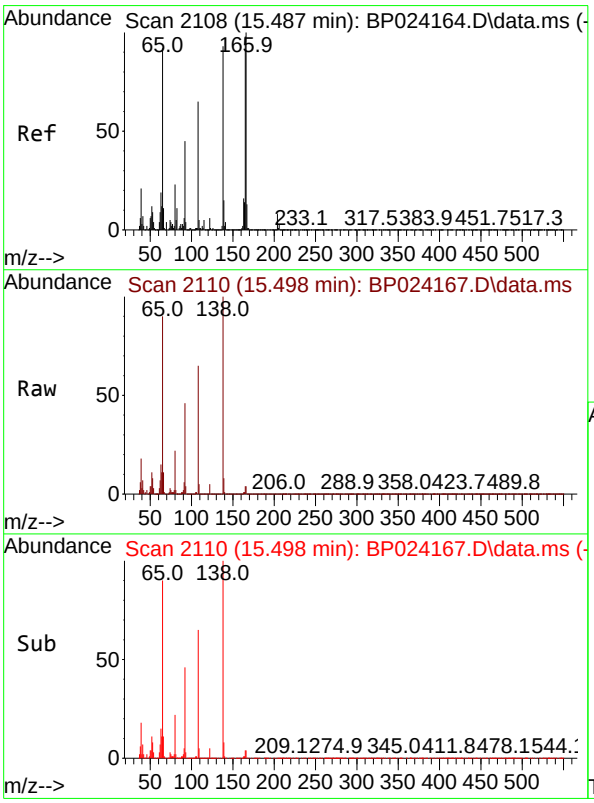
#61
4-Chlorophenyl-phenylether
Concen: 79.305 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 2453010

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	56.8	45.8	68.8

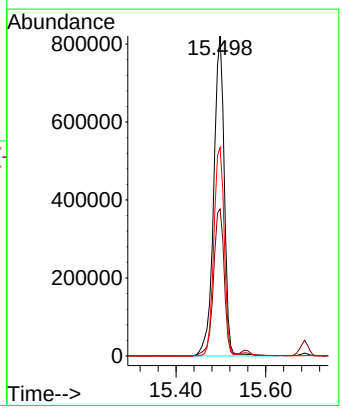


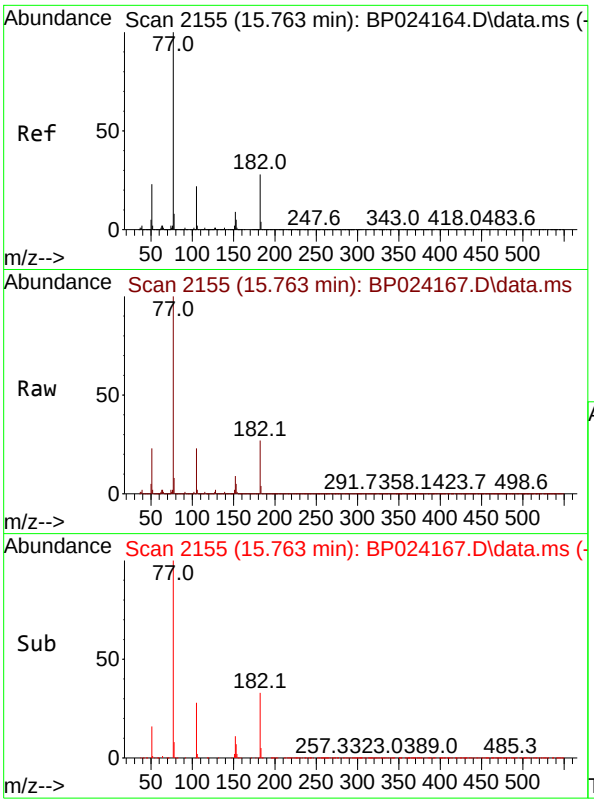


#62
4-Nitroaniline
Concen: 95.238 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:138 Resp: 1346814

Ion	Ratio	Lower	Upper
138	100		
92	46.0	28.7	68.7
108	65.1	49.5	89.5



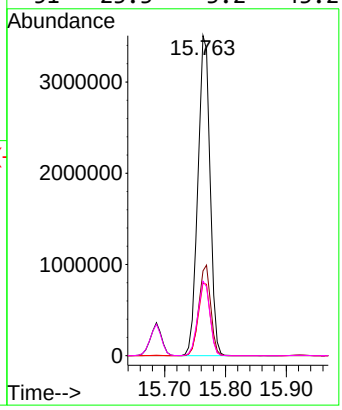


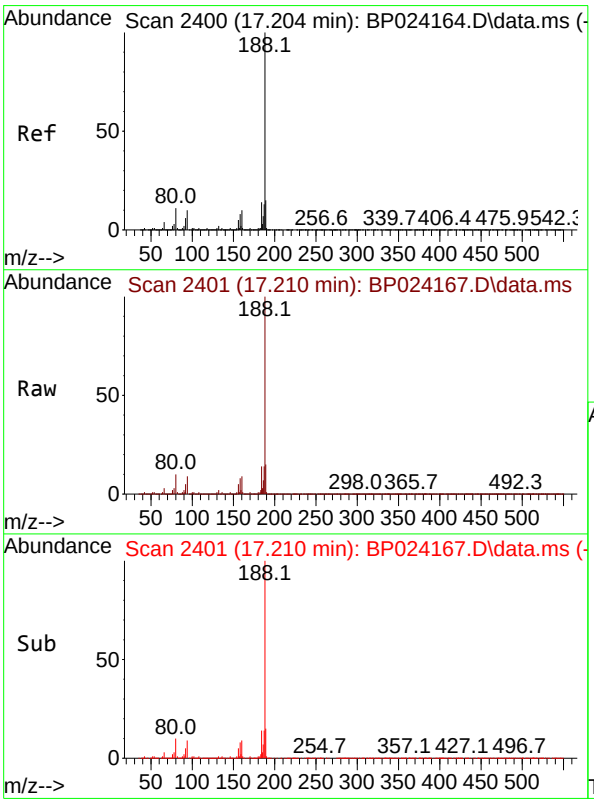
#63
Azobenzene
Concen: 83.196 ng
RT: 15.763 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 4851665

Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.7	47.7
105	22.7	2.3	42.3
51	23.3	3.2	43.2

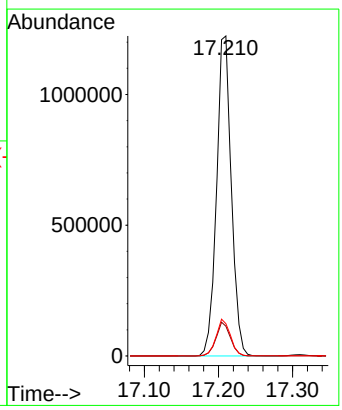


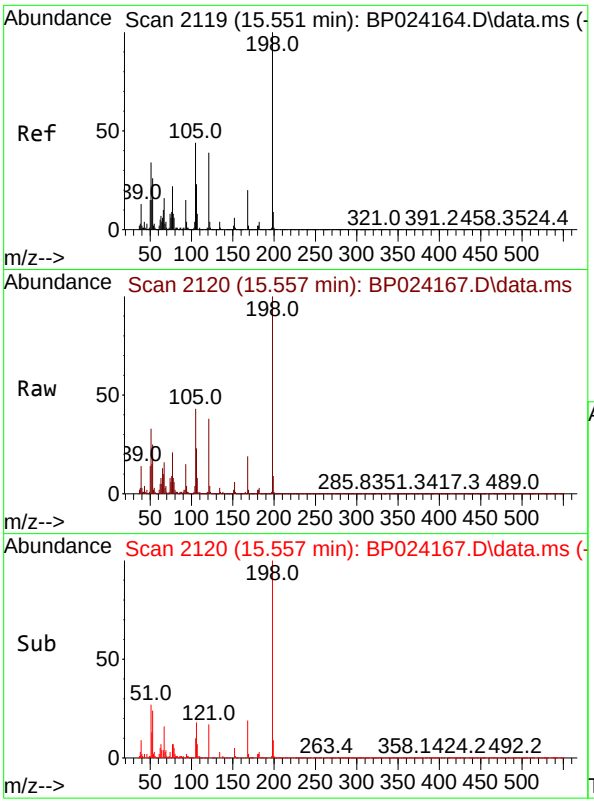


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:188 Resp: 1690241

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	10.1	8.9	13.3



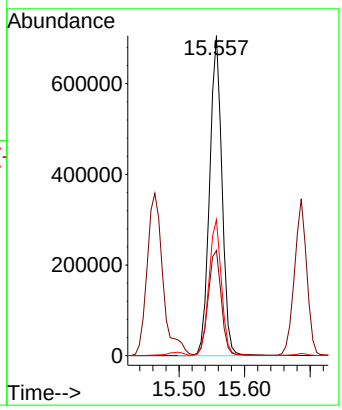


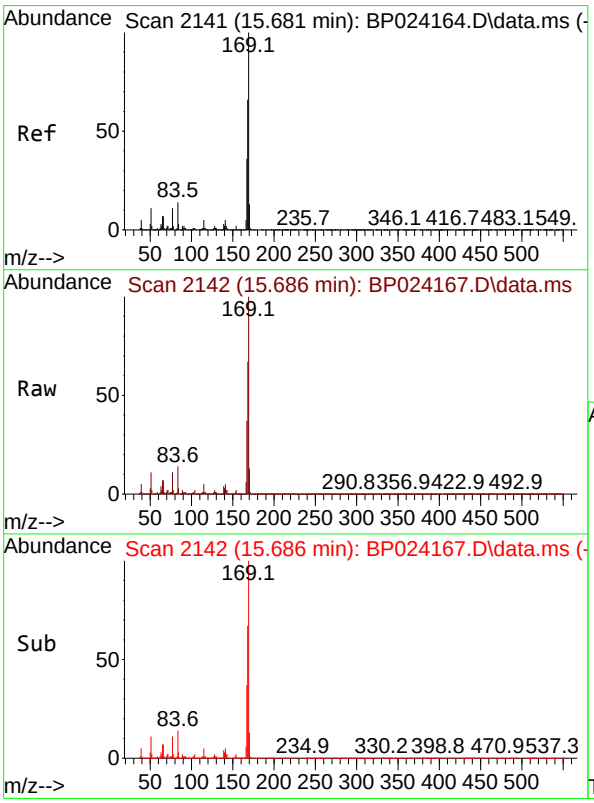
#65
4,6-Dinitro-2-methylphenol
Concen: 94.517 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 924643

Ion	Ratio	Lower	Upper
198	100		
51	32.8	14.7	54.7
105	42.5	23.8	63.8

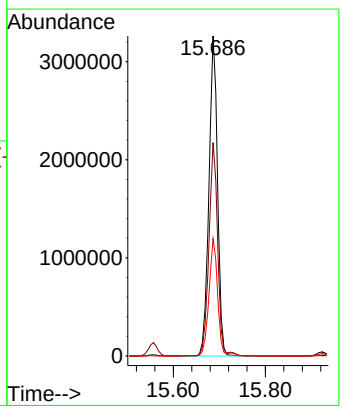


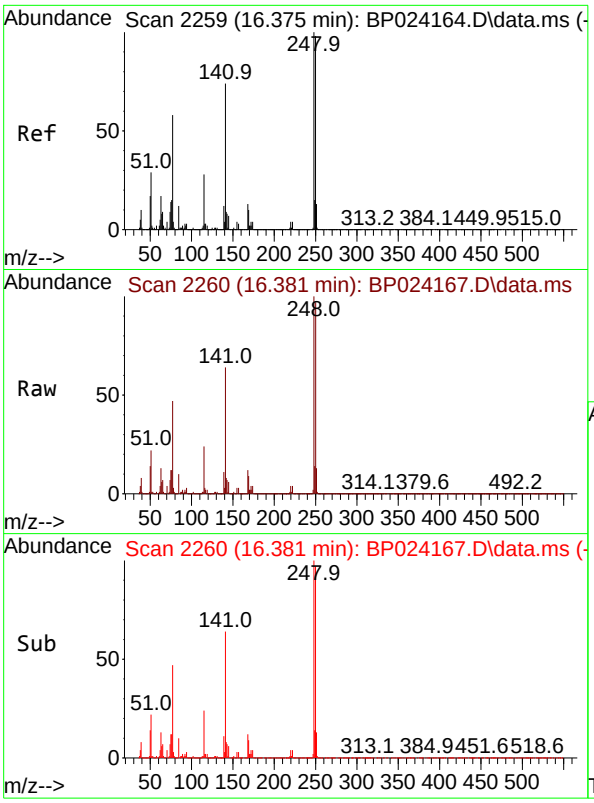


#66
n-Nitrosodiphenylamine
Concen: 80.285 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:169 Resp: 4231796

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.9	79.3
167	36.7	28.8	43.2



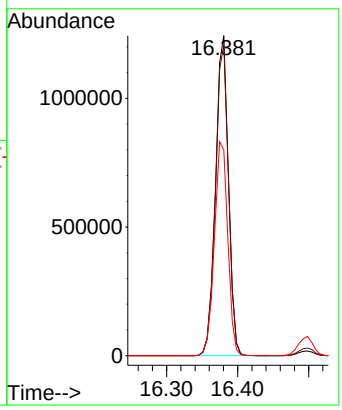


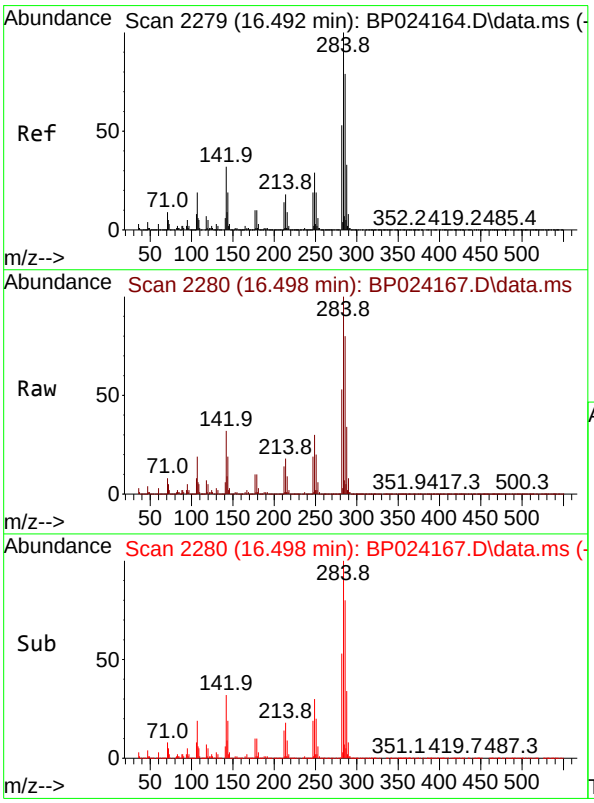
#67
4-Bromophenyl-phenylether
Concen: 82.455 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1565037

Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.4	117.6
141	64.3	59.4	89.0

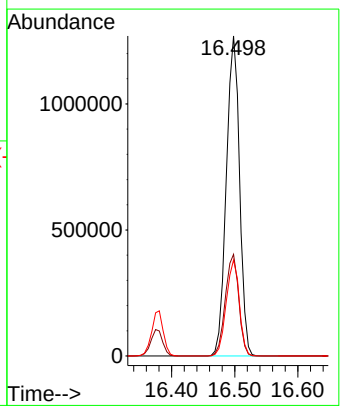


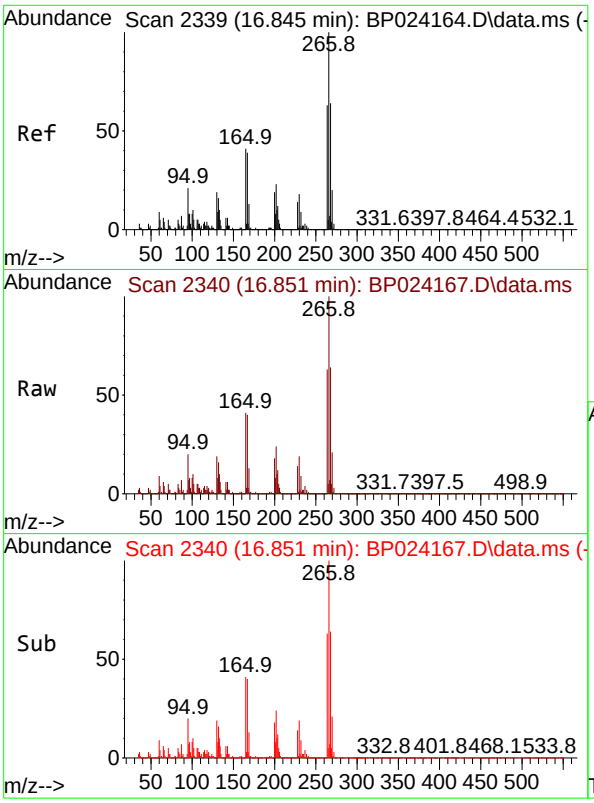


#68
Hexachlorobenzene
Concen: 82.437 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:284 Resp: 1841149

Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.4	38.2
249	30.0	23.5	35.3



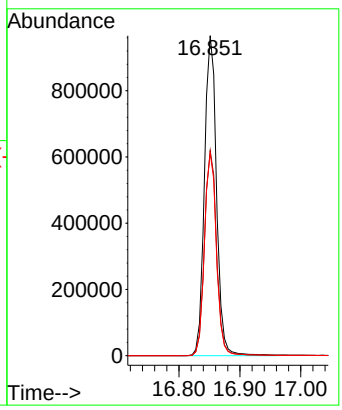


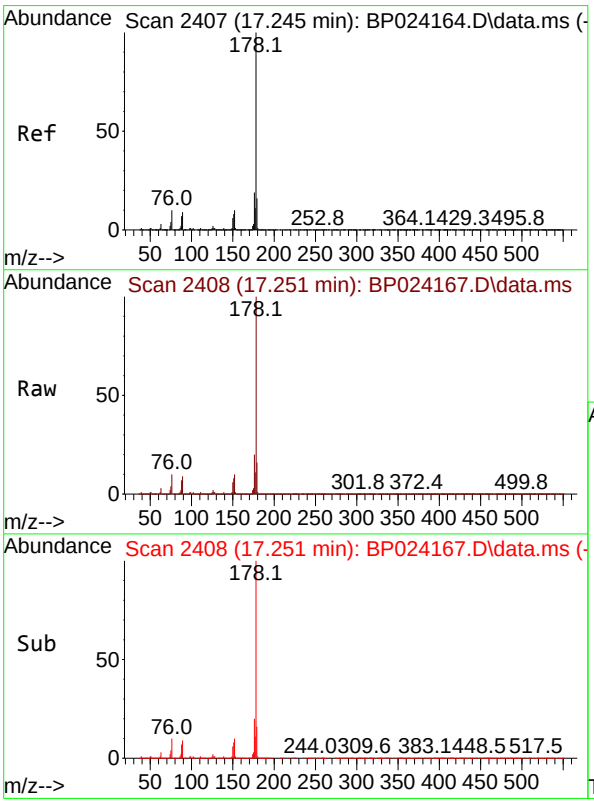
#70
Pentachlorophenol
Concen: 92.003 ng
RT: 16.851 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1334567

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	63.4	50.6	76.0

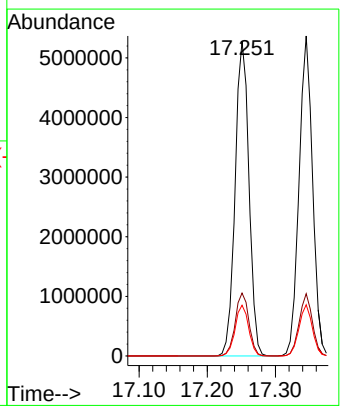


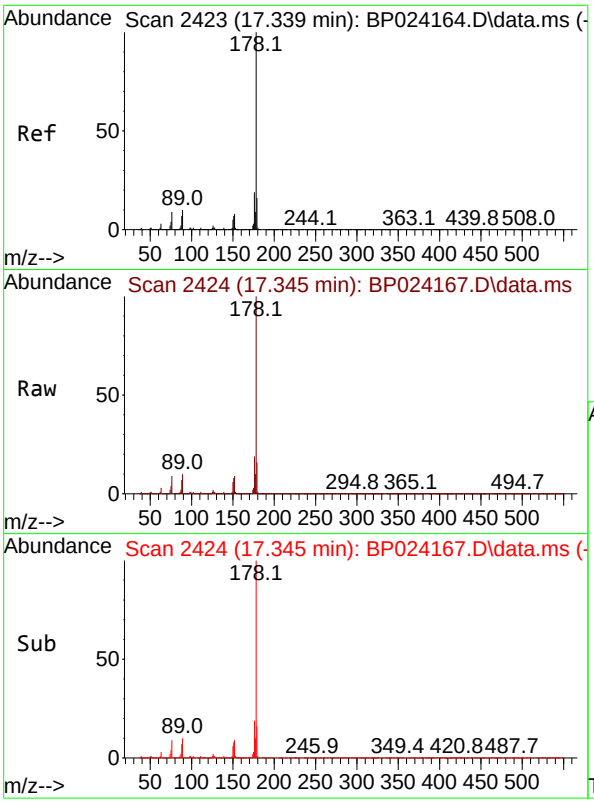


#71
Phenanthrene
Concen: 78.188 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:178 Resp: 7450840

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	16.1	12.5	18.7



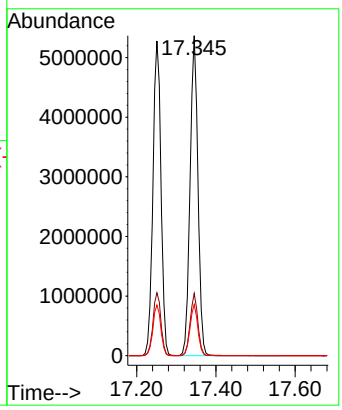


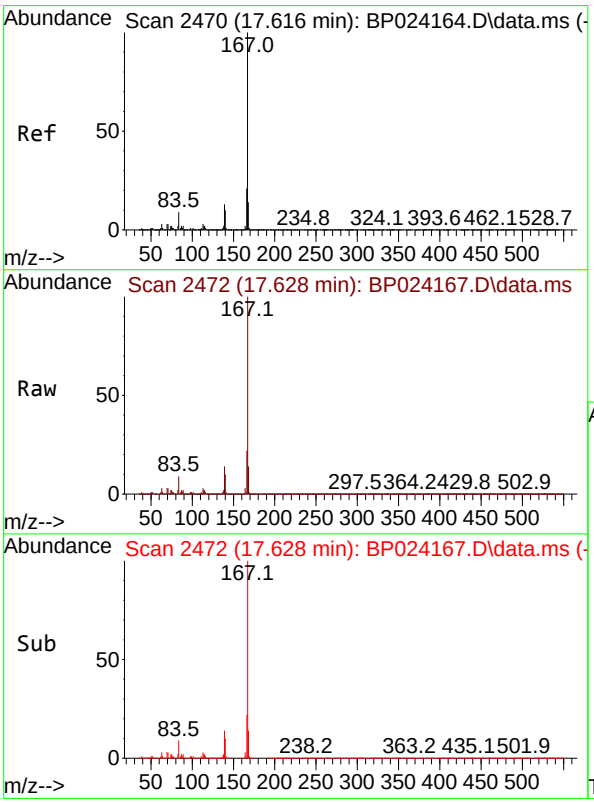
#72
Anthracene
Concen: 81.264 ng
RT: 17.345 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 7420971

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	16.0	12.6	18.8

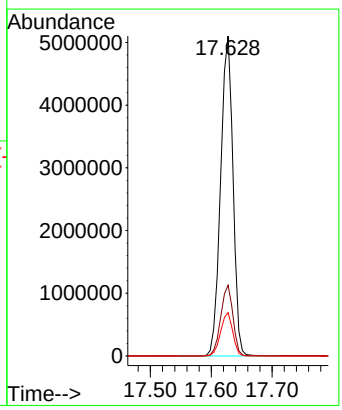


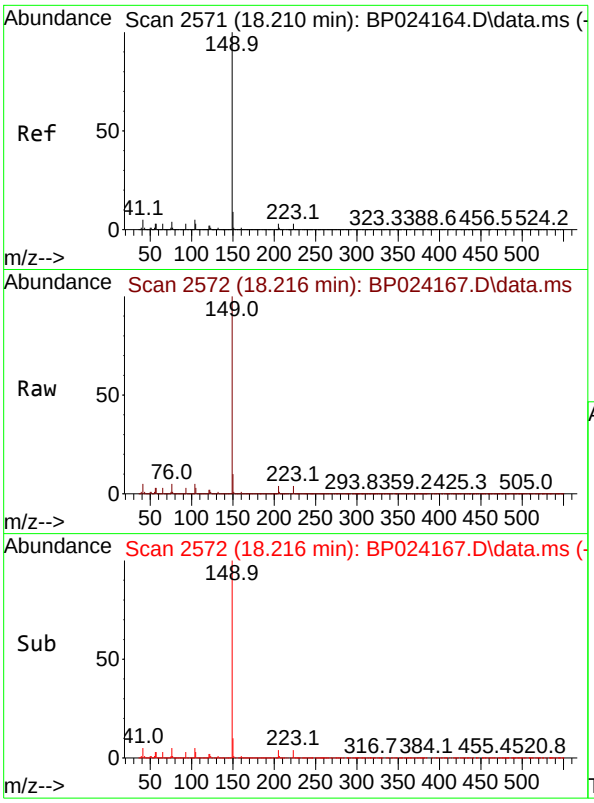


#73
Carbazole
Concen: 82.862 ng
RT: 17.628 min Scan# 2472
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:167 Resp: 7209600

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	13.6	10.2	15.4



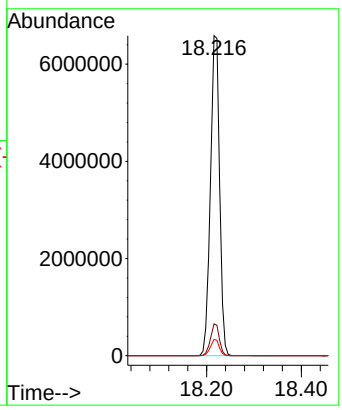


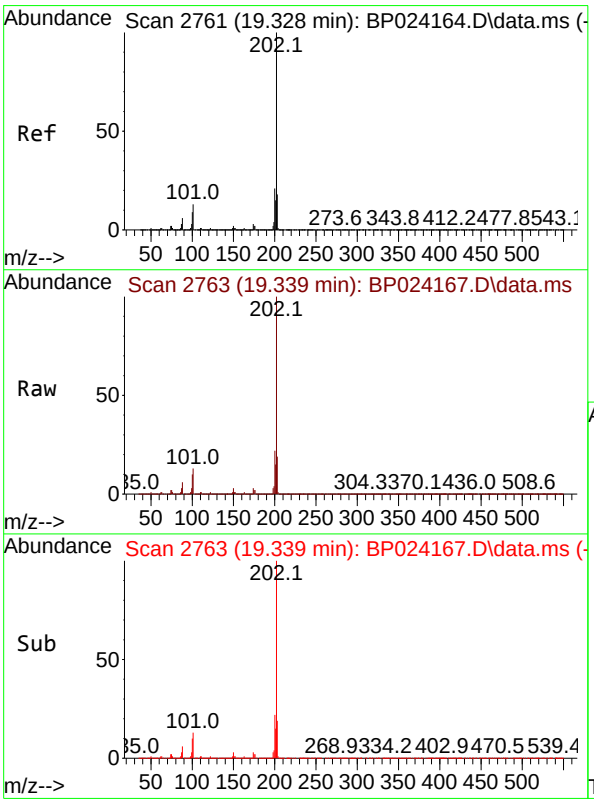
#74
Di-n-butylphthalate
Concen: 86.868 ng
RT: 18.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 8819030

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	5.1	3.9	5.9

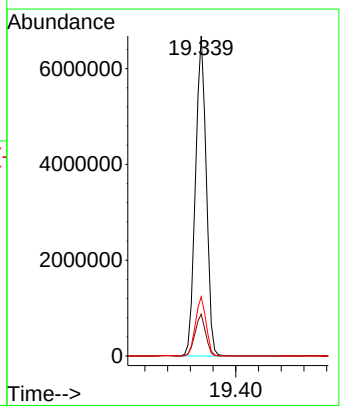


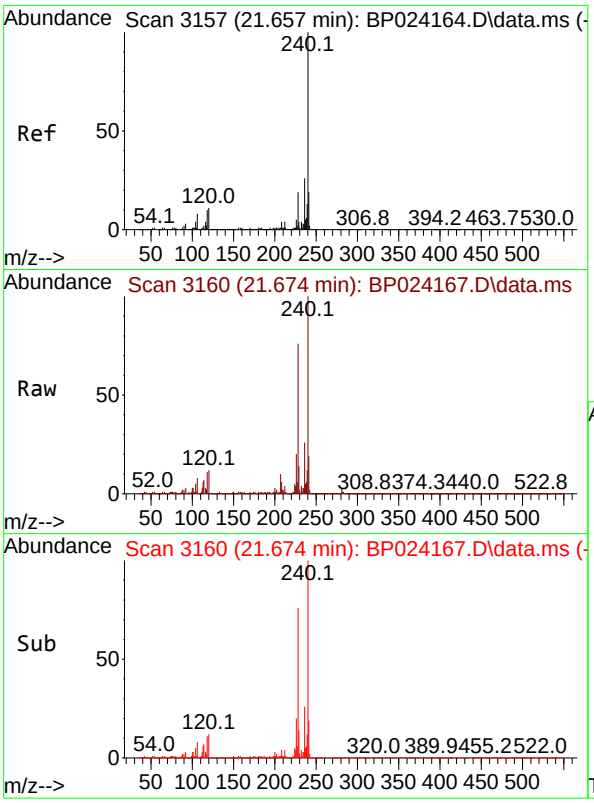


#75
Fluoranthene
Concen: 82.280 ng
RT: 19.339 min Scan# 2763
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:202 Resp: 8868502

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.5
203	18.5	0.0	37.9



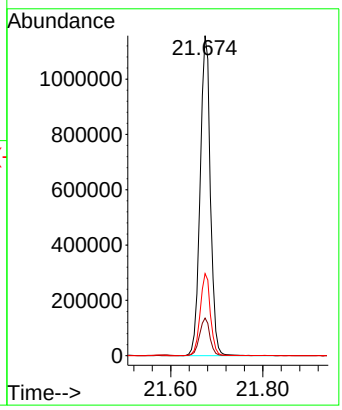


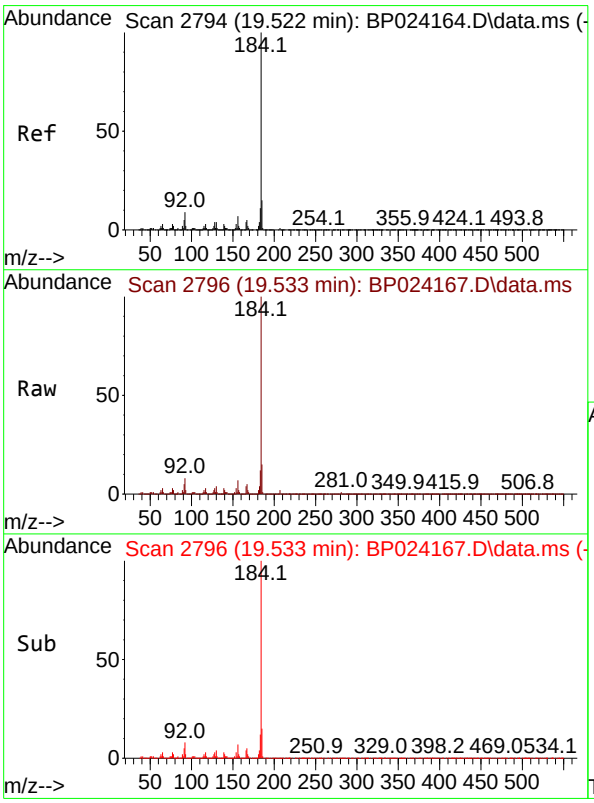
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.674 min Scan# 3
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 1785678

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	25.6	20.4	30.6

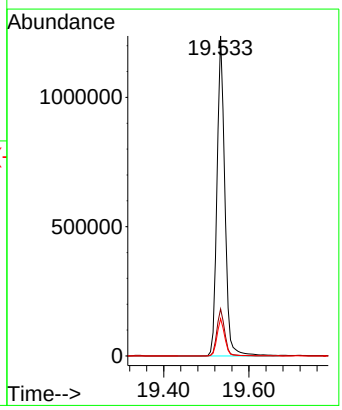


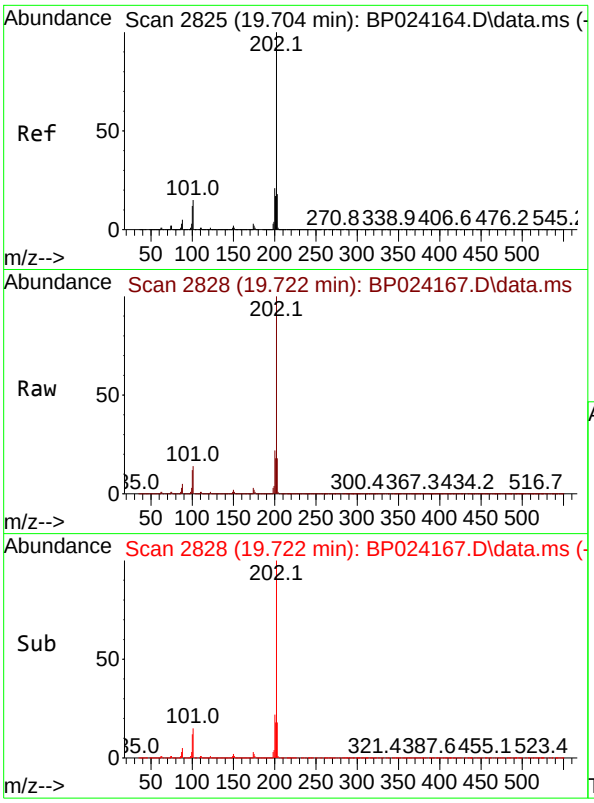


#77
Benzidine
Concen: 72.794 ng
RT: 19.533 min Scan# 2796
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:184 Resp: 1583965

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.7	9.1	13.7



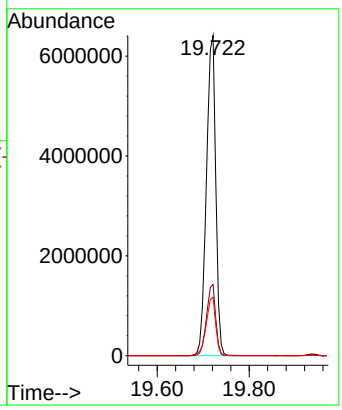


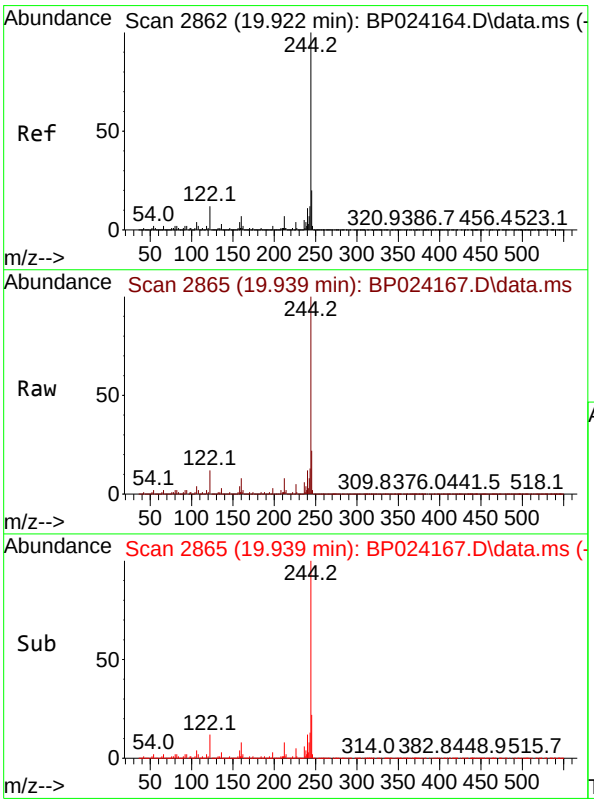
#78
Pyrene
Concen: 80.230 ng
RT: 19.722 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 9100075

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.1	25.7
203	18.3	14.2	21.4

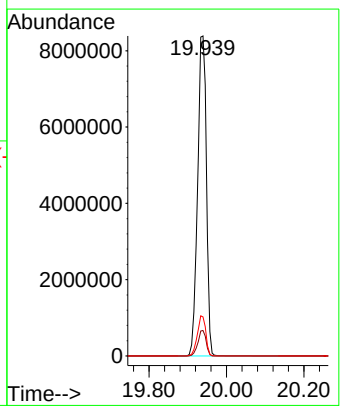


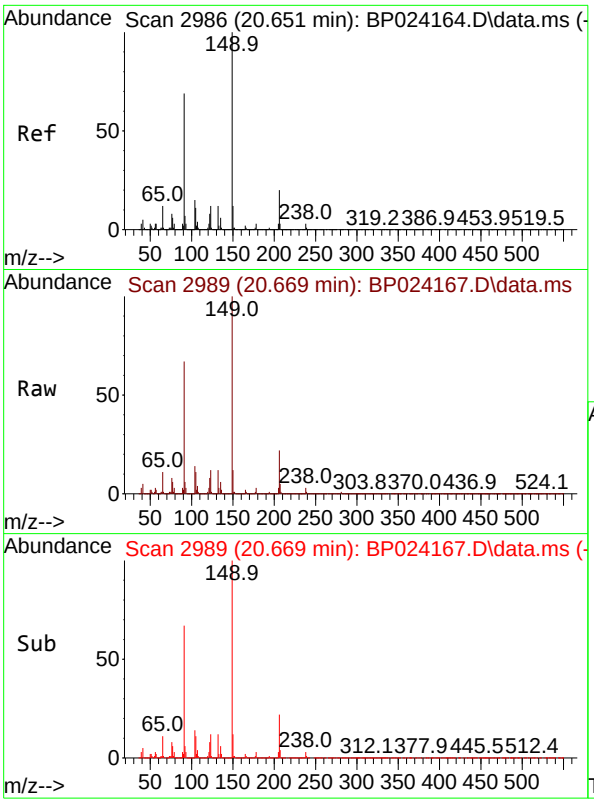


#79
Terphenyl-d14
Concen: 146.201 ng
RT: 19.939 min Scan# 2865
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:244 Resp:13193577

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	12.2	9.6	14.4



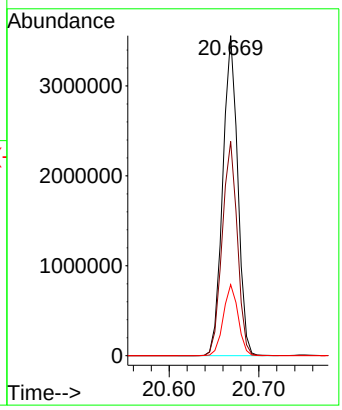


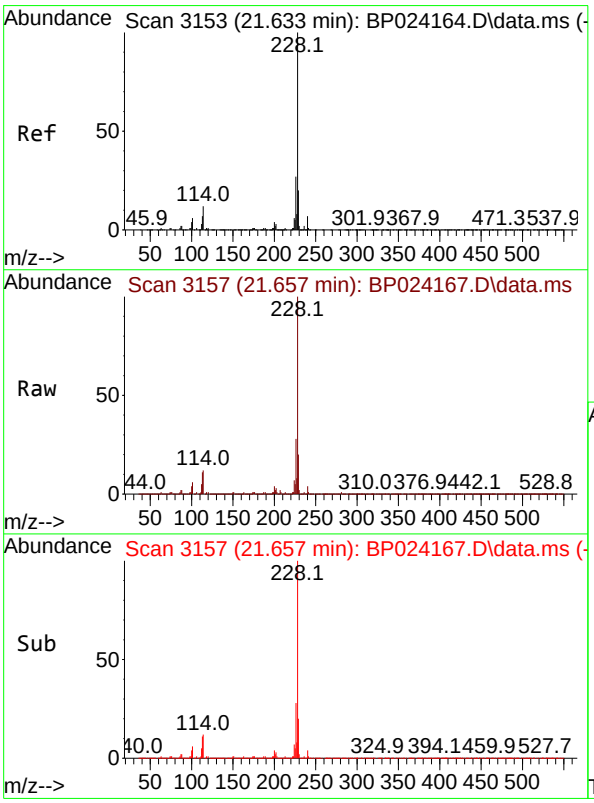
#80
Butylbenzylphthalate
Concen: 94.735 ng
RT: 20.669 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4117551

Ion	Ratio	Lower	Upper
149	100		
91	66.9	55.3	82.9
206	22.2	16.1	24.1

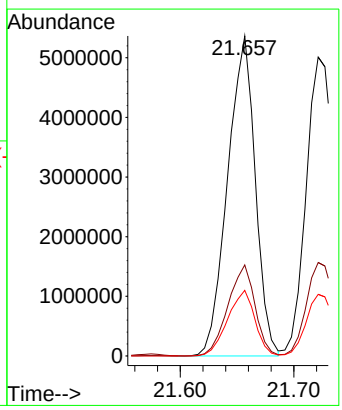


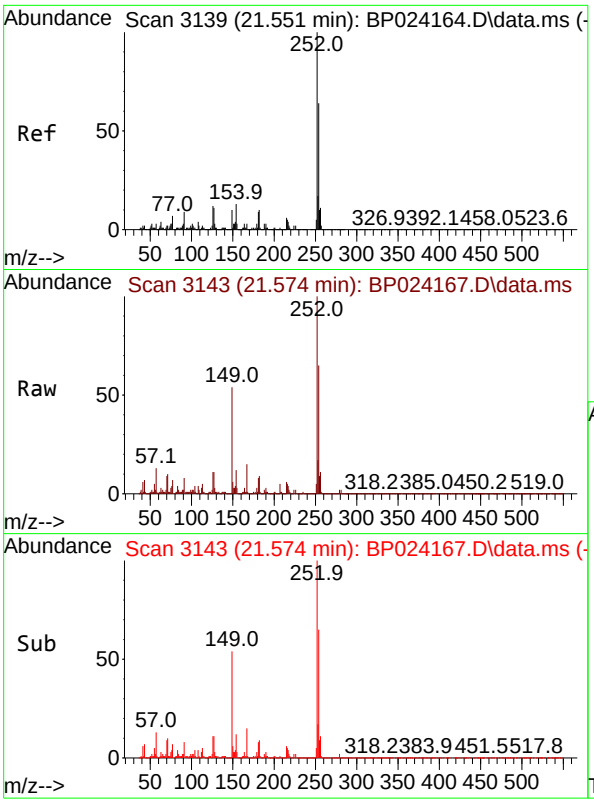


#81
Benzo(a)anthracene
Concen: 81.050 ng
RT: 21.657 min Scan# 3157
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:228 Resp: 9075269

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	20.5	16.0	24.0



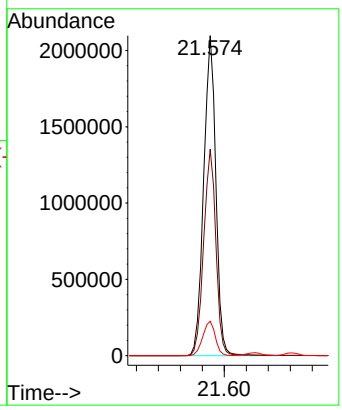


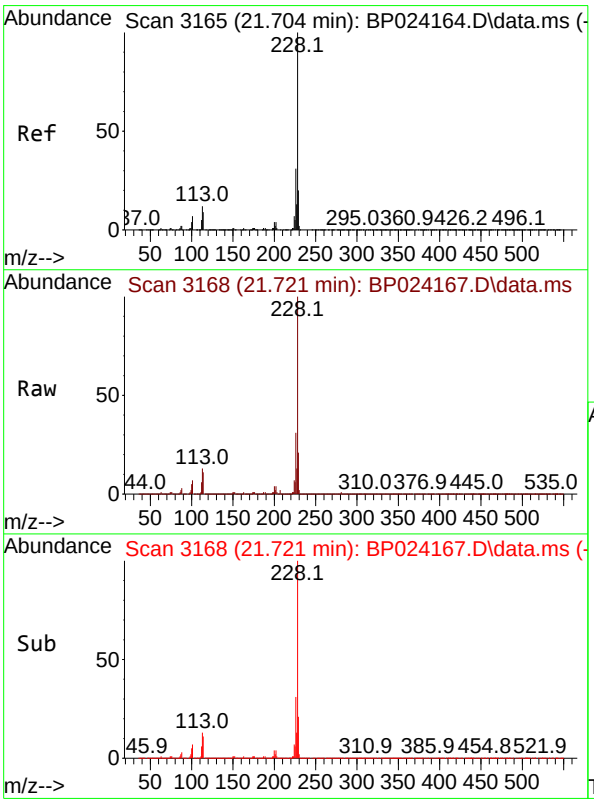
#82
3,3'-Dichlorobenzidine
Concen: 91.925 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 3216378

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	10.8	9.3	13.9

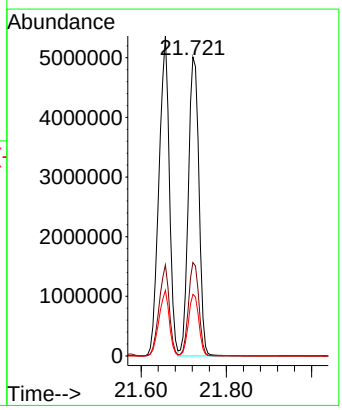


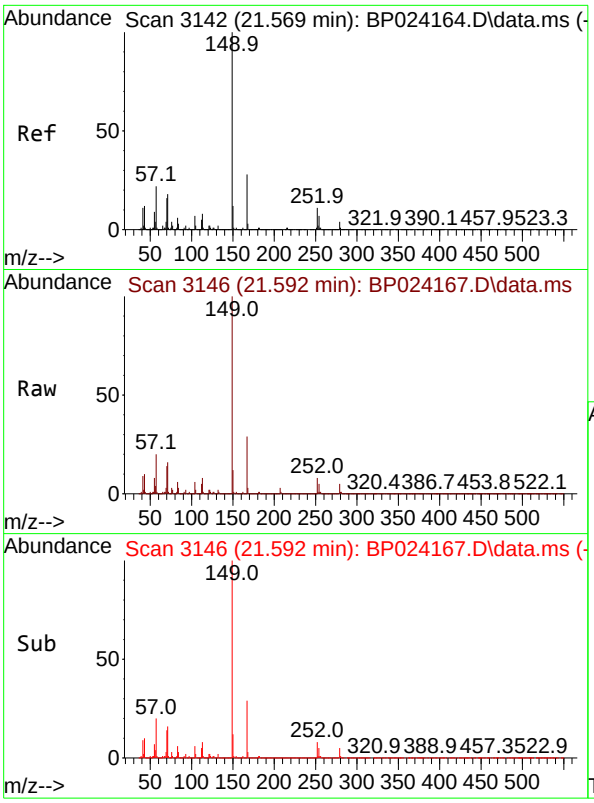


#83
Chrysene
Concen: 79.981 ng
RT: 21.721 min Scan# 3168
Delta R.T. 0.018 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:228 Resp: 8635685

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	20.6	16.2	24.2



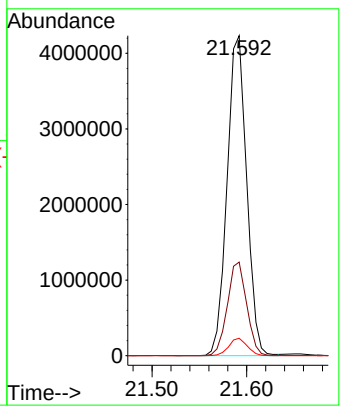


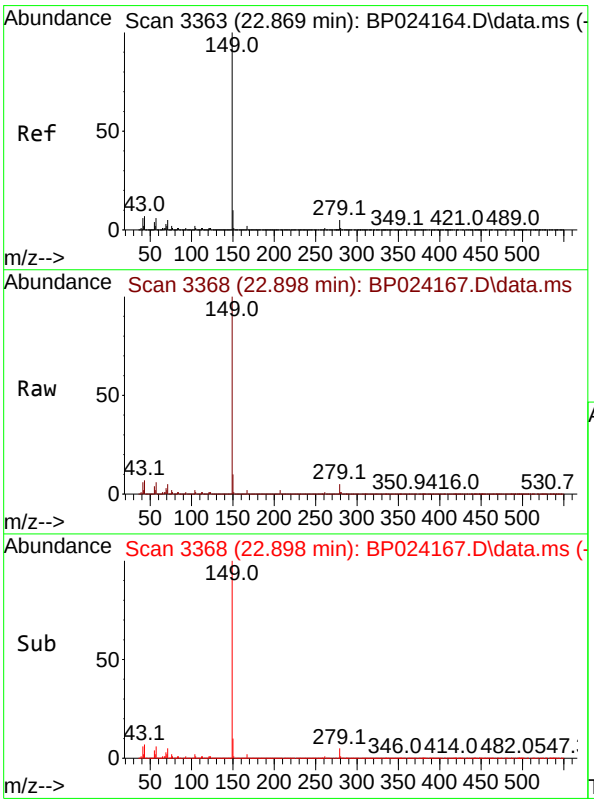
#84
Bis(2-ethylhexyl)phthalate
Concen: 92.215 ng
RT: 21.592 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6077881

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.5	33.7
279	5.5	3.6	5.4#

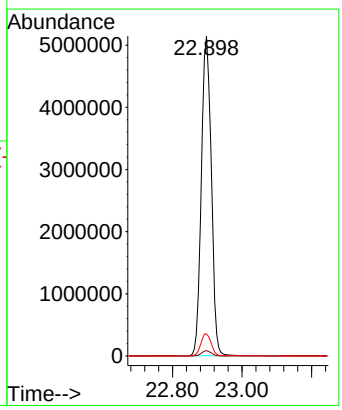


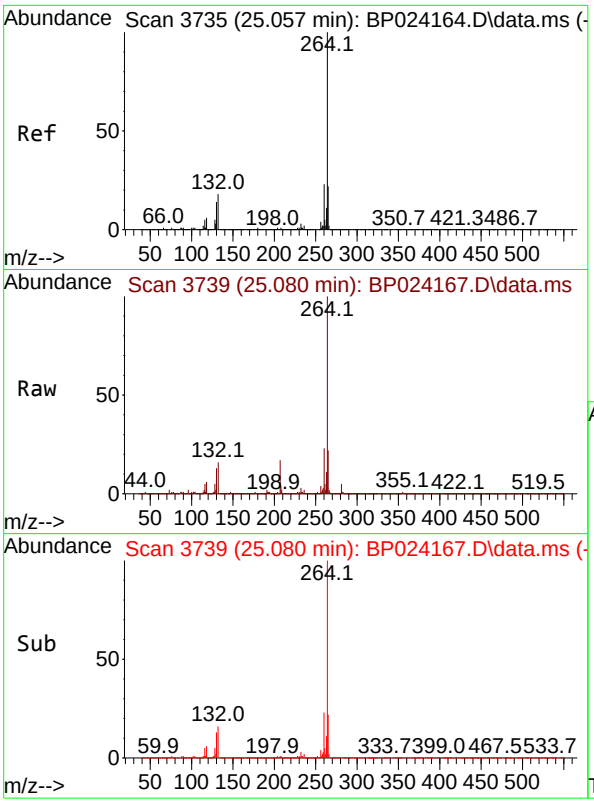


#85
Di-n-octyl phthalate
Concen: 97.189 ng
RT: 22.898 min Scan# 3368
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:149 Resp:10239008

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.8	8.8



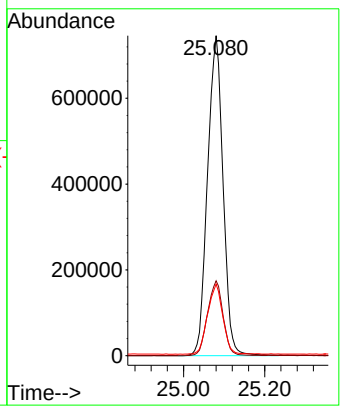


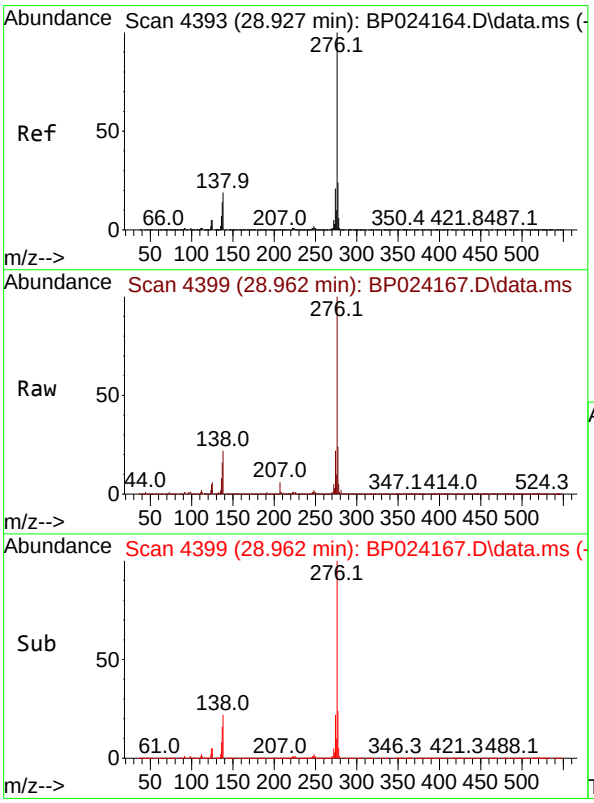
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.080 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1974592

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.3	17.7	26.5

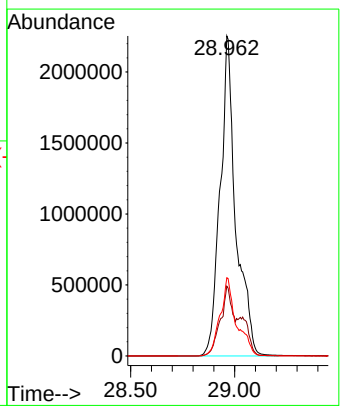


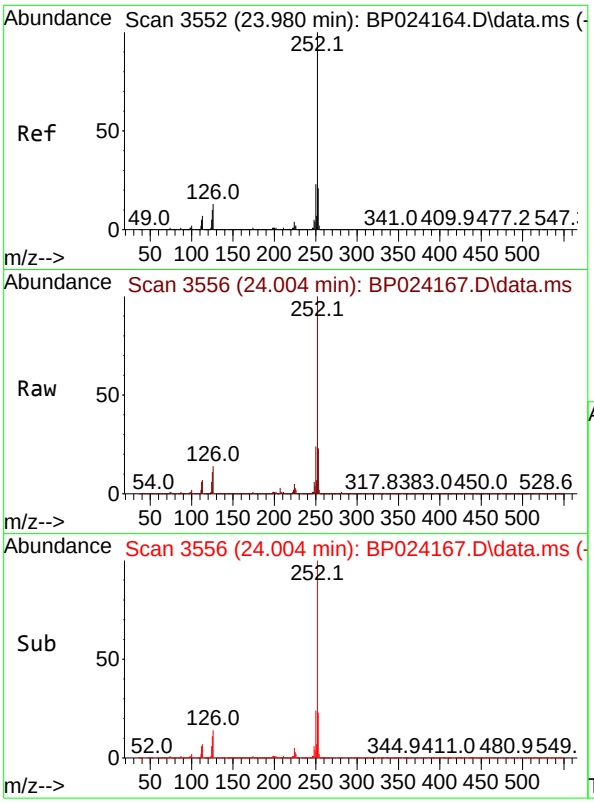


#87
Indeno(1,2,3-cd)pyrene
Concen: 84.301 ng
RT: 28.962 min Scan# 4399
Delta R.T. 0.035 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:276 Resp:11842118

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.7	20.5
277	25.4	20.2	30.2



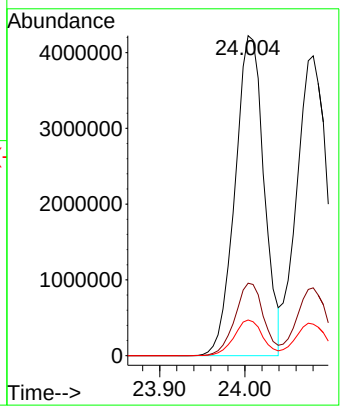


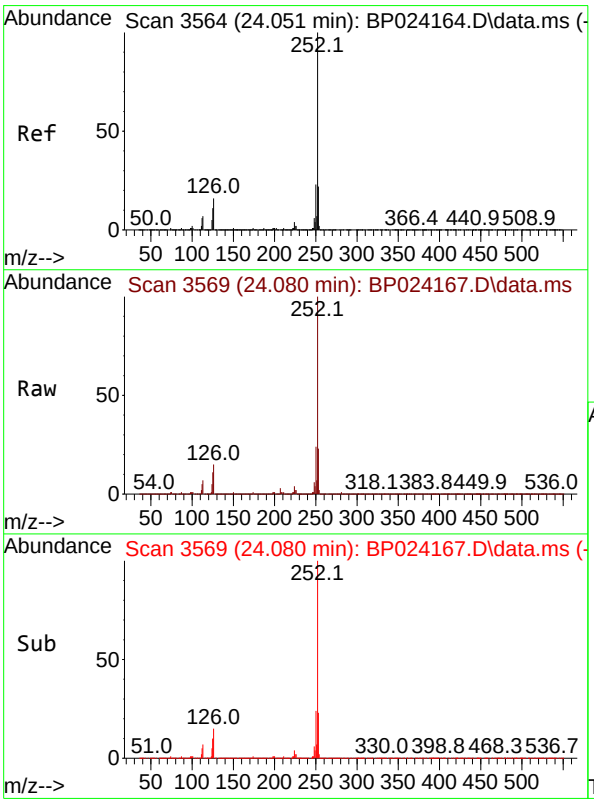
#88
Benzo(b)fluoranthene
Concen: 79.623 ng
RT: 24.004 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 9984031

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.1	8.2	12.4

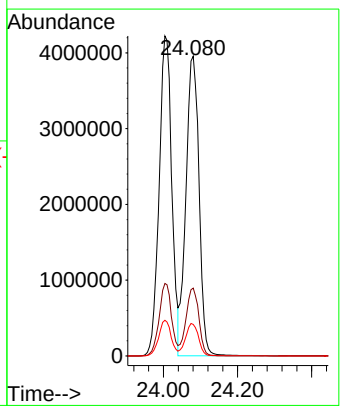


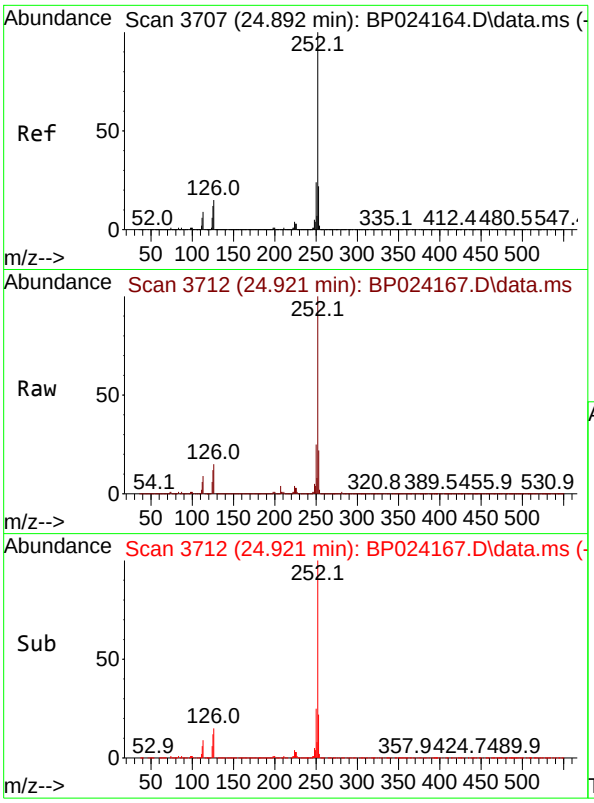


#89
Benzo(k)fluoranthene
Concen: 79.712 ng
RT: 24.080 min Scan# 3569
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:252 Resp: 9728938

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.5	9.1	13.7



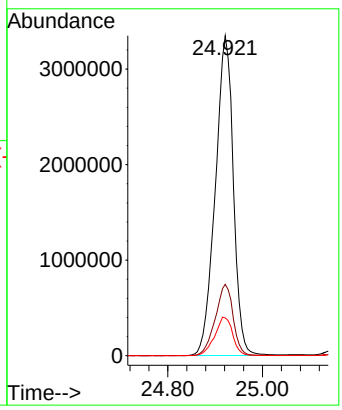


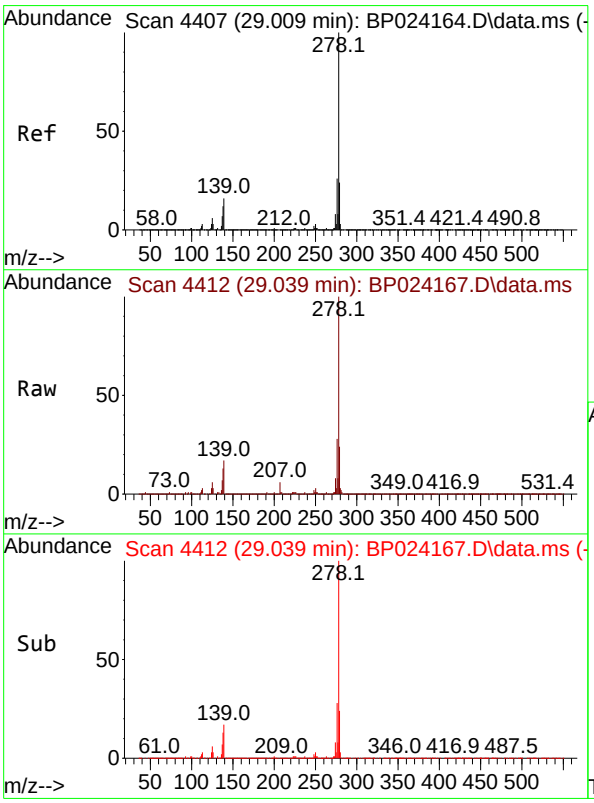
#90
Benzo(a)pyrene
Concen: 83.259 ng
RT: 24.921 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 8860063

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.8	9.6	14.4

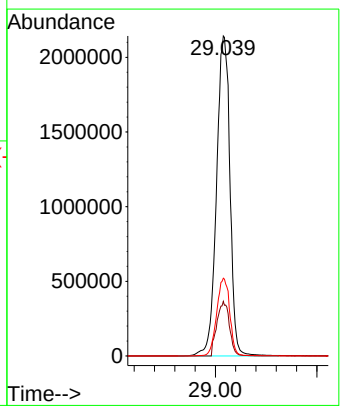


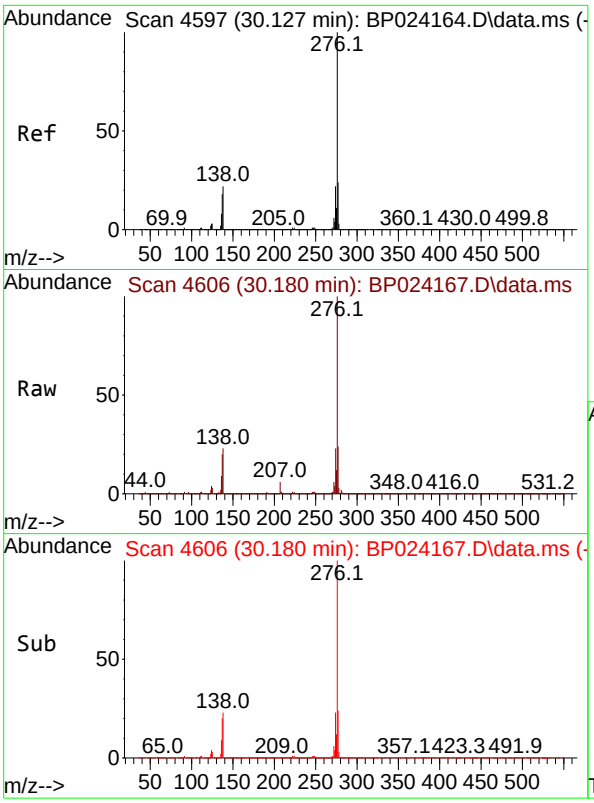


#91
Dibenzo(a,h)anthracene
Concen: 83.210 ng
RT: 29.039 min Scan# 4412
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:278 Resp: 9828241

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.0	19.4
279	24.3	18.8	28.2



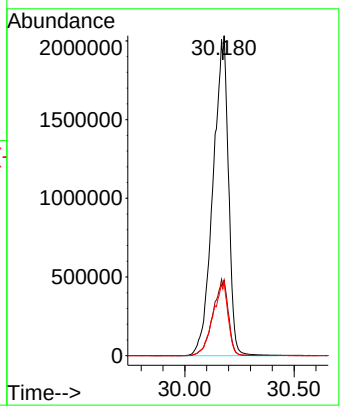


#92
Benzo(g,h,i)perylene
Concen: 82.940 ng
RT: 30.180 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 9940803

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	23.0	17.4	26.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	399821	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1631941	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	966525	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1810172	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1903114	20.000	ng	0.01
86) Perylene-d12	25.069	264	2127367	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1959434	78.230	ng	0.00
7) Phenol-d6	6.952	99	2636154	78.704	ng	0.00
23) Nitrobenzene-d5	8.922	82	2274955	78.652	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	995466	81.766	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5105223	77.885	ng	0.00
79) Terphenyl-d14	19.933	244	7241807	78.549	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	376087	37.880	ng	99
3) Pyridine	3.717	79	1050879	38.718	ng	99
4) n-Nitrosodimethylamine	3.623	42	350385	38.646	ng	98
6) Aniline	7.111	93	1202738	39.413	ng	100
8) 2-Chlorophenol	7.346	128	1059150	39.149	ng	100
9) Benzaldehyde	6.922	77	652848	40.389	ng	99
10) Phenol	6.981	94	1314283	38.869	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1018670	38.203	ng	99
12) 1,3-Dichlorobenzene	7.664	146	1118950	38.353	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1130770	37.960	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1089564	38.116	ng	100
15) Benzyl Alcohol	8.011	79	848187	39.999	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1043834	38.356	ng	99
17) 2-Methylphenol	8.216	107	840413	39.636	ng	100
18) Hexachloroethane	8.846	117	407804	38.587	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	771380	39.697	ng	99
20) 3+4-Methylphenols	8.540	107	1154401	39.629	ng	100
22) Acetophenone	8.587	105	1593044	38.611	ng	100
24) Nitrobenzene	8.963	77	1114096	39.045	ng	99
25) Isophorone	9.487	82	1967247	39.677	ng	99
26) 2-Nitrophenol	9.669	139	570971	41.892	ng	98
27) 2,4-Dimethylphenol	9.734	122	697163	39.779	ng	98
28) bis(2-Chloroethoxy)met...	9.963	93	1346656	38.608	ng	100
29) 2,4-Dichlorophenol	10.205	162	961583	40.558	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1002302	38.264	ng	99
31) Naphthalene	10.605	128	3306535	38.223	ng	100
32) Benzoic acid	9.881	122	745543	43.618	ng	98
33) 4-Chloroaniline	10.710	127	1222820	39.499	ng	100
34) Hexachlorobutadiene	10.887	225	585728	38.854	ng	98
35) Caprolactam	11.499	113	317484	40.859	ng	97
36) 4-Chloro-3-methylphenol	11.840	107	1015423	39.702	ng	99
37) 2-Methylnaphthalene	12.210	142	2265320	38.762	ng	99
38) 1-Methylnaphthalene	12.434	142	2209719	38.874	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	1089303	38.988	ng	100
41) Hexachlorocyclopentadiene	12.569	237	413181	41.026	ng	100
43) 2,4,6-Trichlorophenol	12.828	196	727105	40.950	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

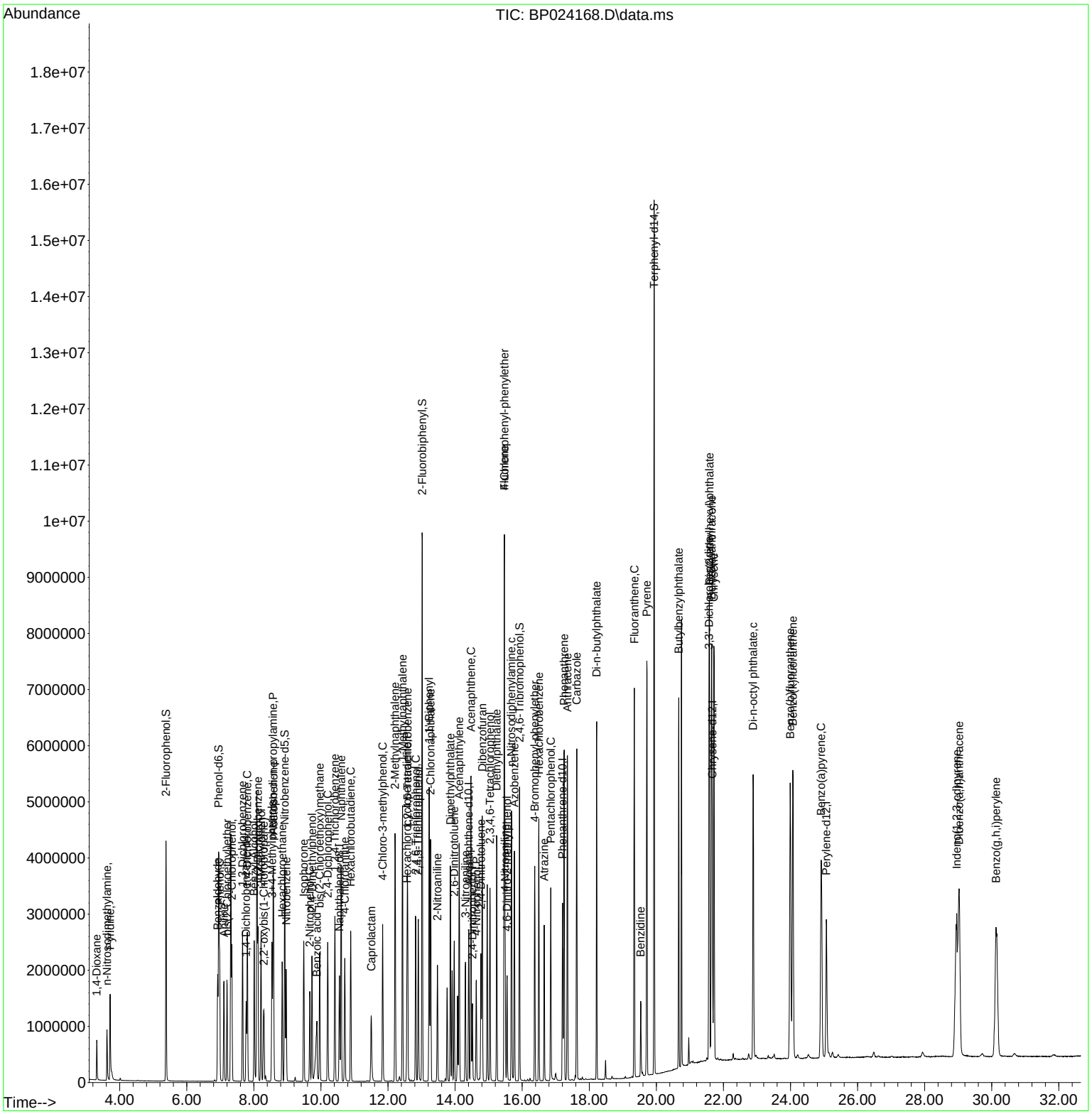
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	798076	40.985	ng	98
46) 1,1'-Biphenyl	13.228	154	2821370	38.846	ng	99
47) 2-Chloronaphthalene	13.269	162	2130879	39.006	ng	100
48) 2-Nitroaniline	13.475	65	574806	41.137	ng	99
49) Acenaphthylene	14.122	152	3245488	39.262	ng	100
50) Dimethylphthalate	13.863	163	2606961	38.548	ng	99
51) 2,6-Dinitrotoluene	13.975	165	563651	39.611	ng	98
52) Acenaphthene	14.475	154	2053476	38.881	ng	98
53) 3-Nitroaniline	14.310	138	625803	40.719	ng	99
54) 2,4-Dinitrophenol	14.516	184	322185	42.791	ng	98
55) Dibenzofuran	14.810	168	3273448	38.264	ng	100
56) 4-Nitrophenol	14.634	139	543119	42.293	ng	98
57) 2,4-Dinitrotoluene	14.769	165	772629	41.106	ng	99
58) Fluorene	15.469	166	2603595	39.061	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	685479	39.844	ng	100
60) Diethylphthalate	15.240	149	2595505	38.539	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1261005	38.572	ng	99
62) 4-Nitroaniline	15.493	138	664956	41.253	ng	99
63) Azobenzene	15.769	77	2497600	39.347	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	434596	40.442	ng	95
66) n-Nitrosodiphenylamine	15.681	169	2156617	39.234	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	772937	38.892	ng	98
68) Hexachlorobenzene	16.498	284	919105	39.073	ng	97
69) Atrazine	16.657	200	481443	36.287	ng	99
70) Pentachlorophenol	16.851	266	626146	41.161	ng	100
71) Phenanthrene	17.251	178	3795212	38.379	ng	99
72) Anthracene	17.351	178	3790779	39.358	ng	99
73) Carbazole	17.628	167	3684202	39.665	ng	100
74) Di-n-butylphthalate	18.222	149	4505984	40.866	ng	100
75) Fluoranthene	19.345	202	4467370	39.006	ng	99
77) Benzidine	19.534	184	827654	39.777	ng	99
78) Pyrene	19.716	202	4681182	39.565	ng	100
80) Butylbenzylphthalate	20.669	149	1991838	40.824	ng	98
81) Benzo(a)anthracene	21.651	228	4652183	39.318	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	1655655	41.750	ng	99
83) Chrysene	21.716	228	4393252	38.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	3060349	41.569	ng	99
85) Di-n-octyl phthalate	22.886	149	5007462	42.452	ng	100
87) Indeno(1,2,3-cd)pyrene	28.957	276	5699470	38.387	ng	100
88) Benzo(b)fluoranthene	23.992	252	4988392	38.891	ng	98
89) Benzo(k)fluoranthene	24.069	252	4803010	38.280	ng	99
90) Benzo(a)pyrene	24.916	252	4306060	38.607	ng	100
91) Dibenzo(a,h)anthracene	29.027	278	4752357	38.474	ng	99
92) Benzo(g,h,i)perylene	30.127	276	4782473m	38.087	ng	

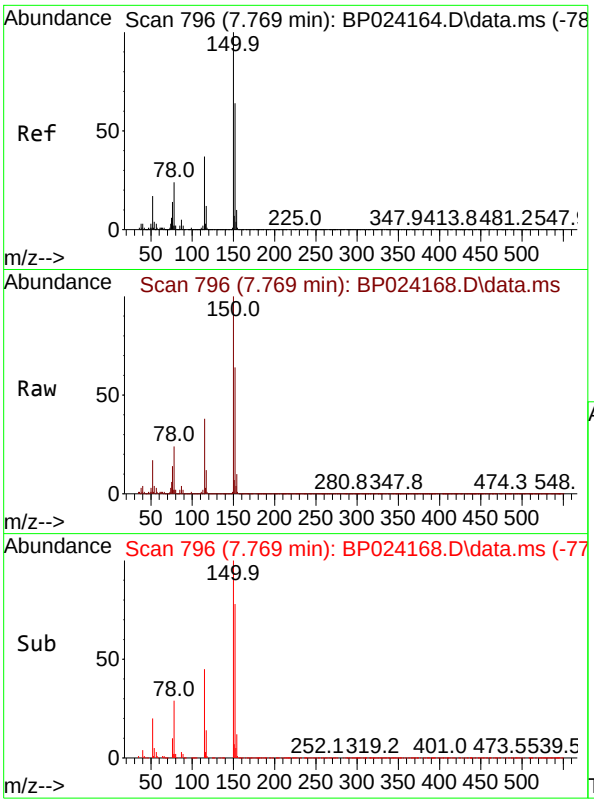
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration



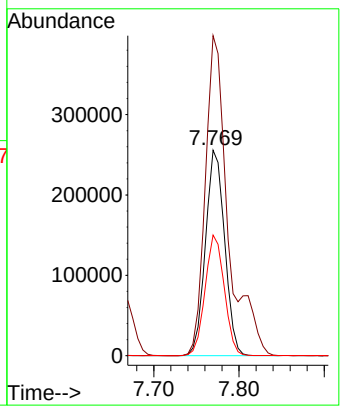


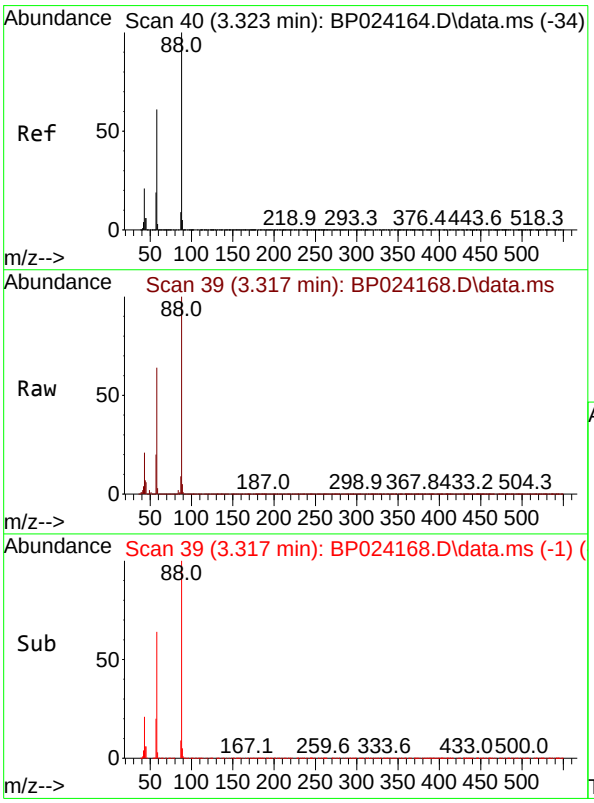
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:152 Resp: 399821

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.5	188.3
115	58.8	46.3	69.5

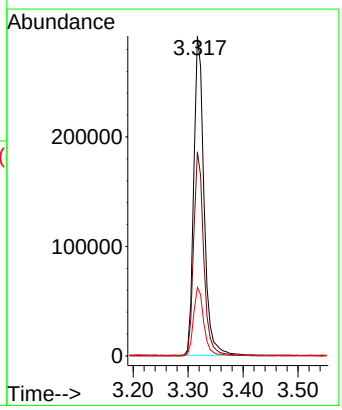


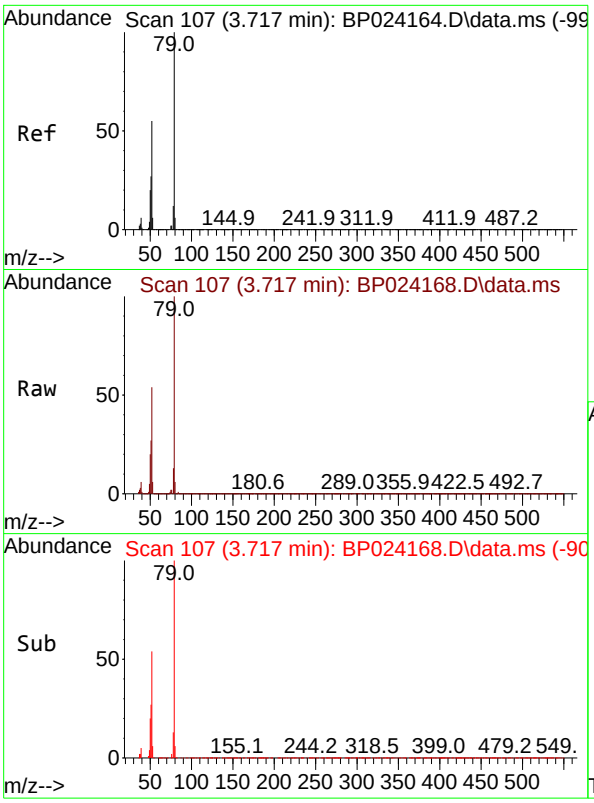


#2
1,4-Dioxane
Concen: 37.880 ng
RT: 3.317 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 88 Resp: 376087

Ion	Ratio	Lower	Upper
88	100		
58	63.2	49.8	74.6
43	21.7	17.3	25.9



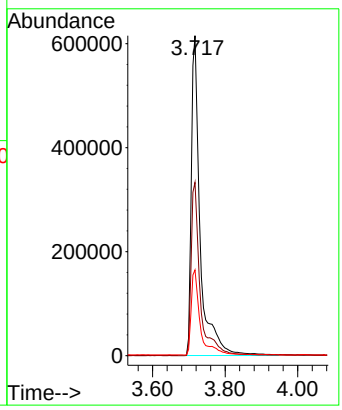


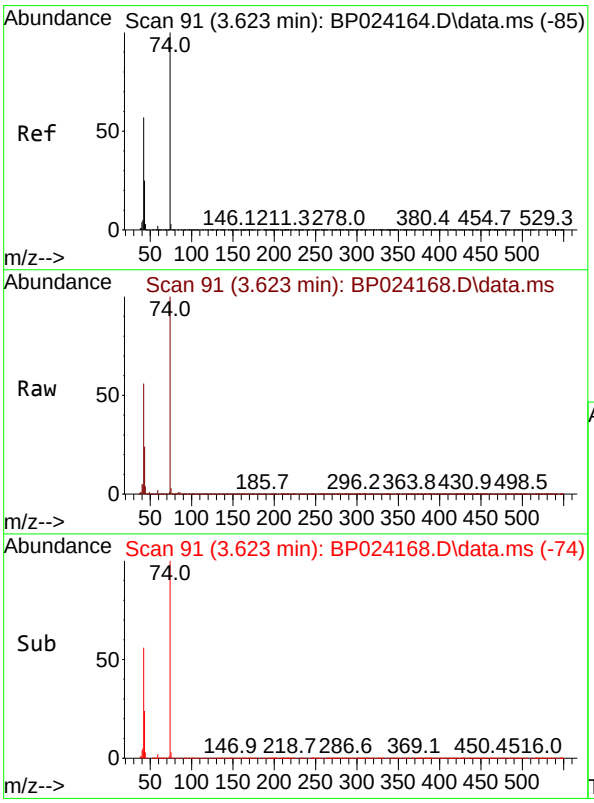
#3
Pyridine
Concen: 38.718 ng
RT: 3.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 79 Resp: 1050879

Ion	Ratio	Lower	Upper
79	100		
52	54.2	43.8	65.8
51	26.8	21.6	32.4

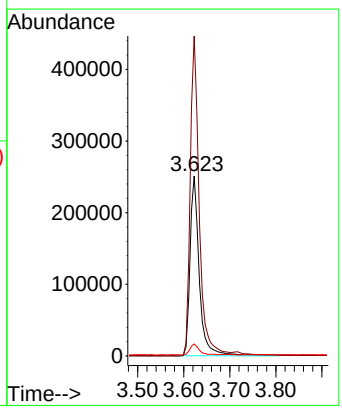


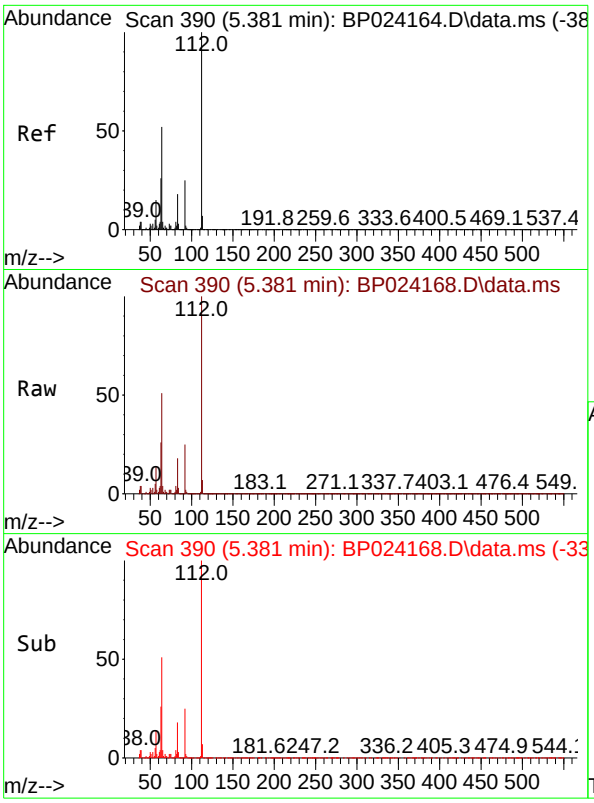


#4
n-Nitrosodimethylamine
Concen: 38.646 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 42 Resp: 350385

Ion	Ratio	Lower	Upper
42	100		
74	177.7	139.8	209.6
44	6.7	5.3	7.9



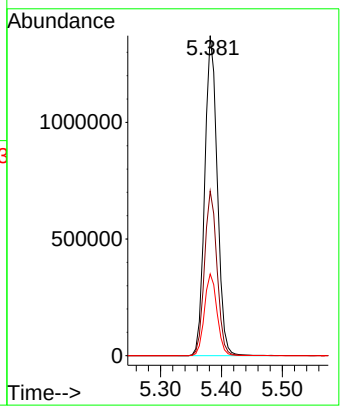


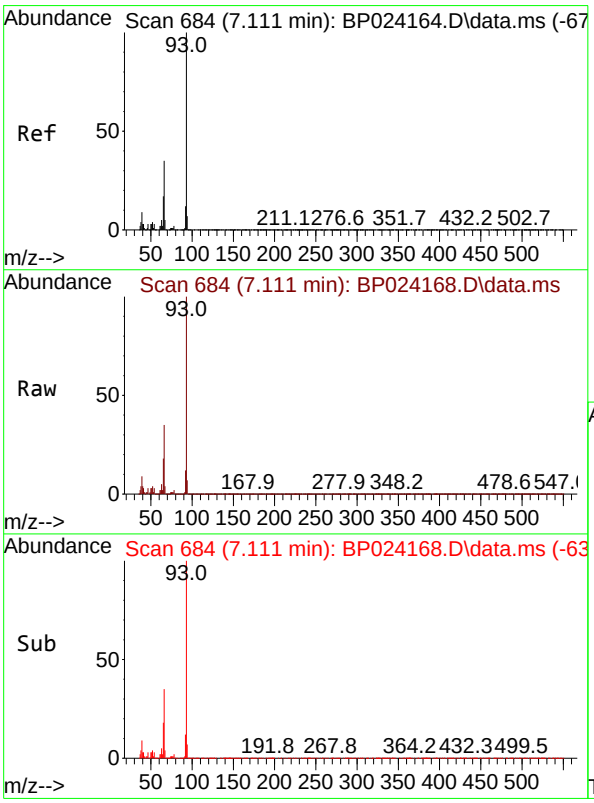
#5
2-Fluorophenol
Concen: 78.230 ng
RT: 5.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:112 Resp: 1959434

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.3	61.9
63	25.6	20.6	31.0

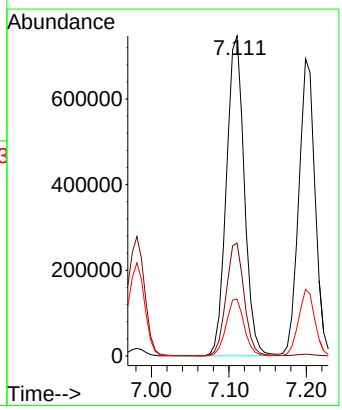


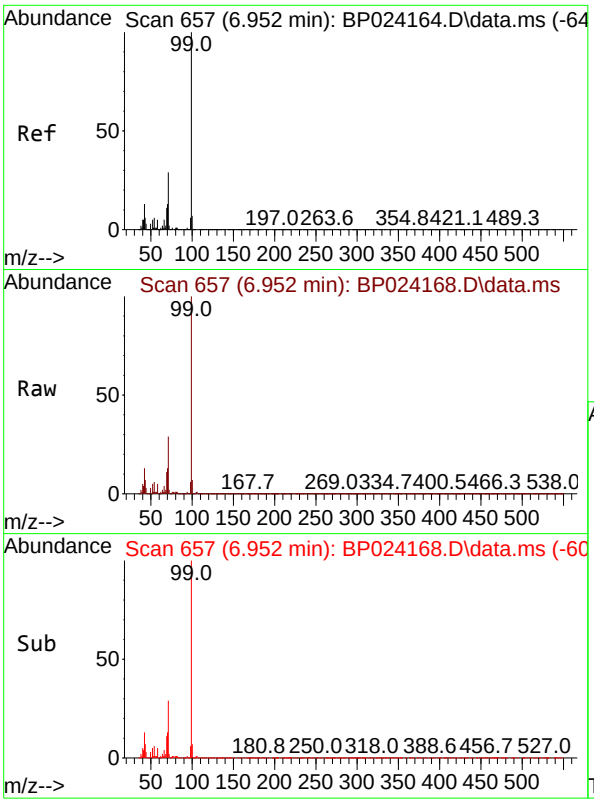


#6
Aniline
Concen: 39.413 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 93 Resp: 1202738

Ion	Ratio	Lower	Upper
93	100		
66	35.3	28.2	42.2
65	17.8	14.0	21.0



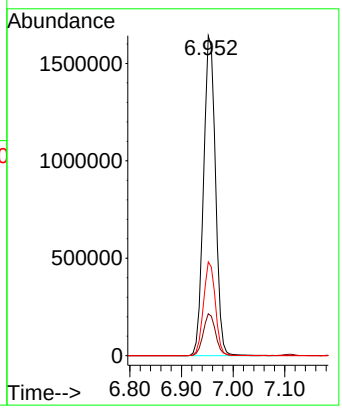


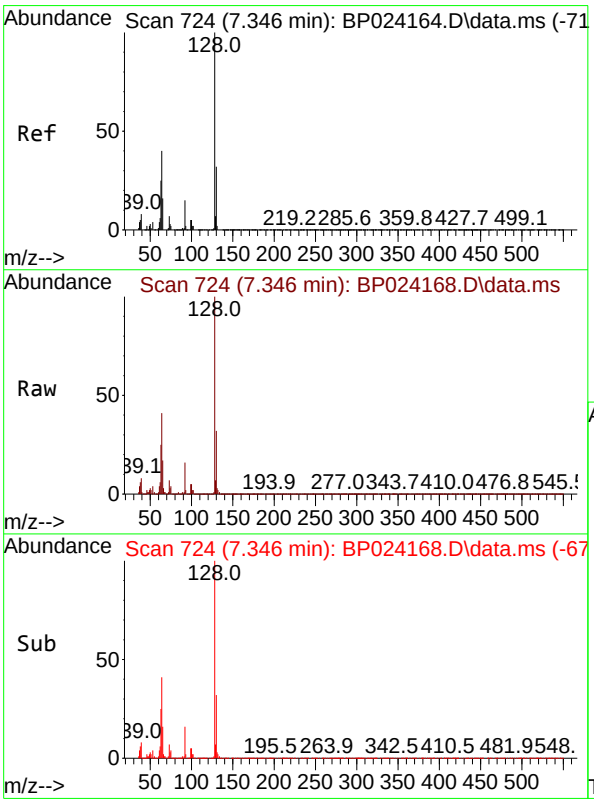
#7
Phenol-d6
Concen: 78.704 ng
RT: 6.952 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 99 Resp: 2636154

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.3	23.3	34.9

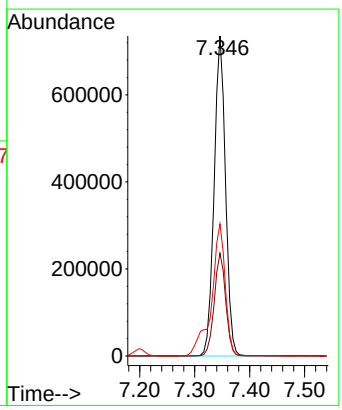


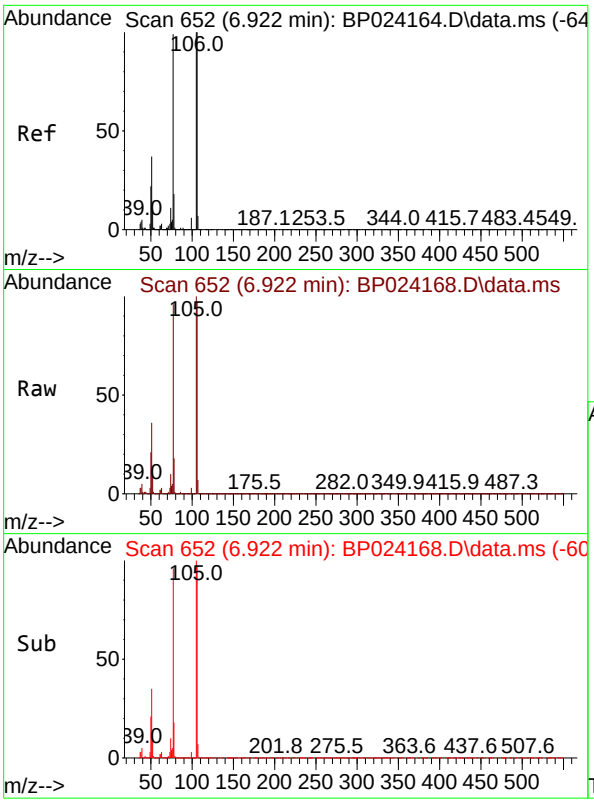


#8
2-Chlorophenol
Concen: 39.149 ng
RT: 7.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:128 Resp: 1059150

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	41.3	21.6	61.6



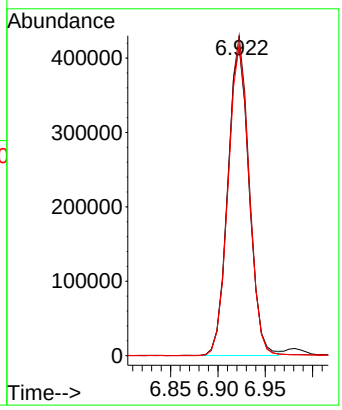


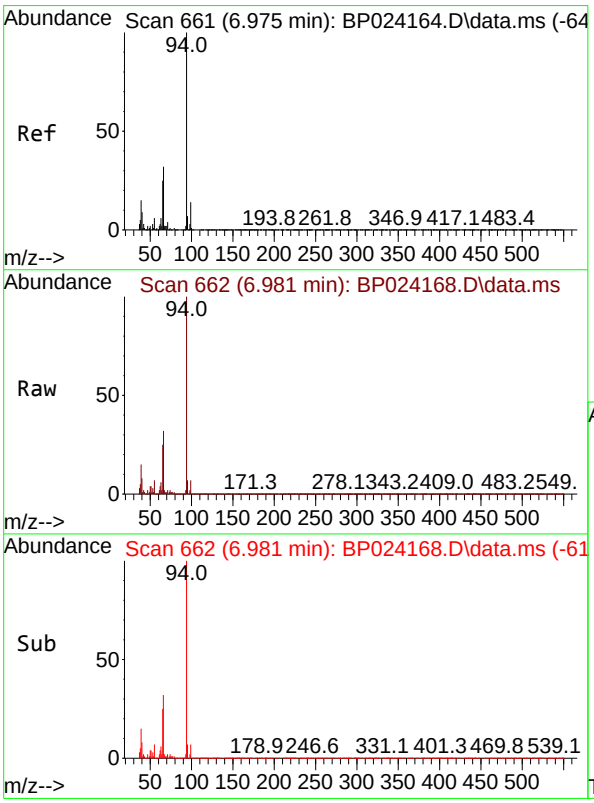
#9
Benzaldehyde
Concen: 40.389 ng
RT: 6.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 77 Resp: 652848

Ion	Ratio	Lower	Upper
77	100		
105	103.7	81.4	121.4
106	100.8	81.1	121.1

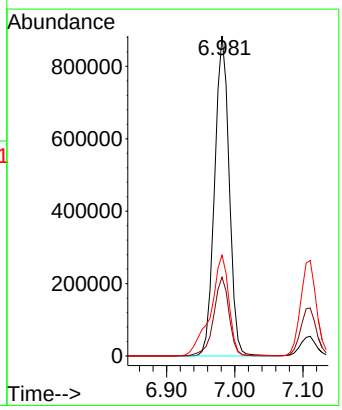


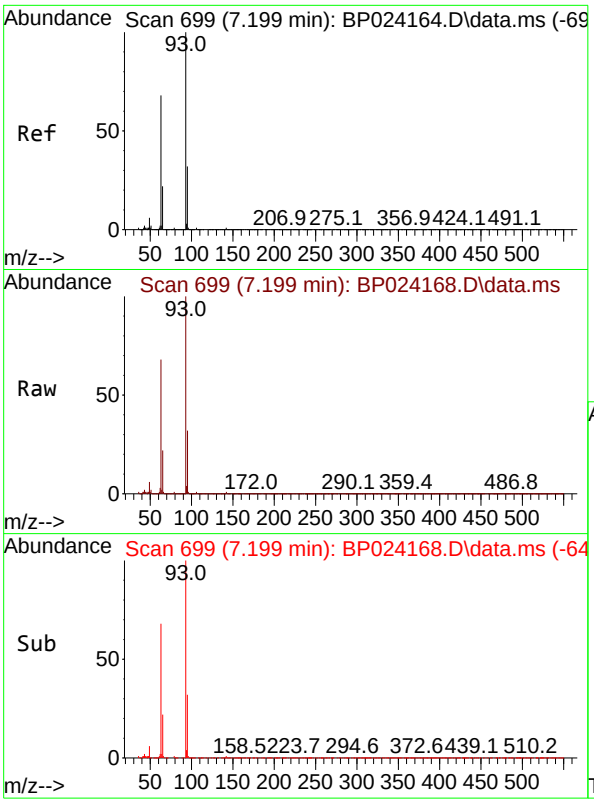


#10
Phenol
Concen: 38.869 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 94 Resp: 1314283

Ion	Ratio	Lower	Upper
94	100		
65	24.6	4.9	44.9
66	31.5	11.9	51.9



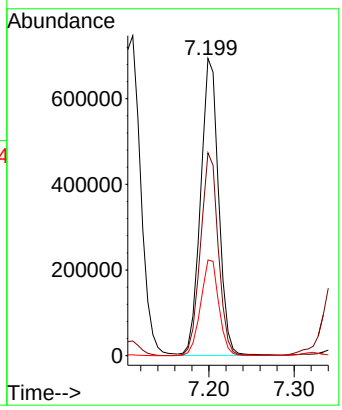


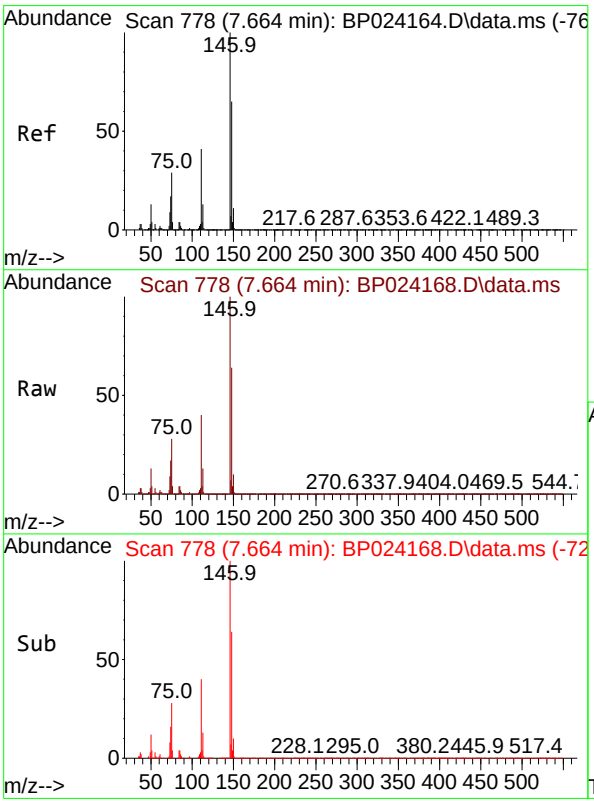
#11
bis(2-Chloroethyl)ether
Concen: 38.203 ng
RT: 7.199 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 93 Resp: 1018670

Ion	Ratio	Lower	Upper
93	100		
63	68.3	47.4	87.4
95	32.2	12.1	52.1

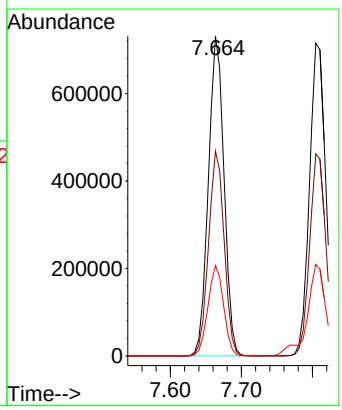


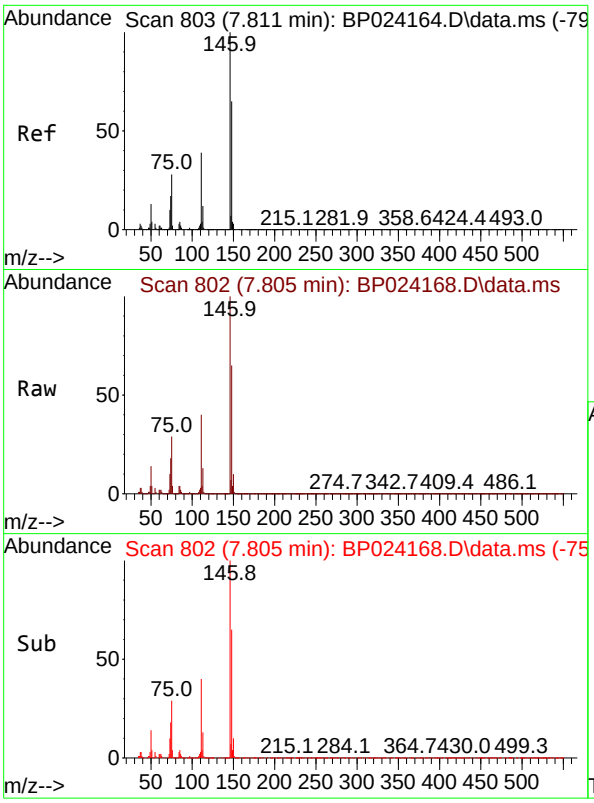


#12
1,3-Dichlorobenzene
Concen: 38.353 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:146 Resp: 1118950

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
75	28.2	22.8	34.2



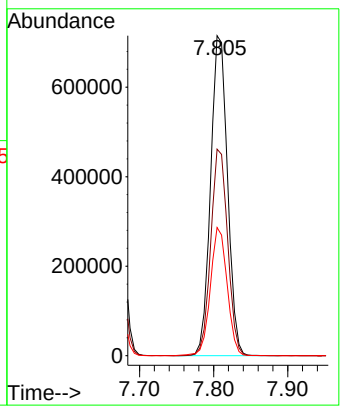


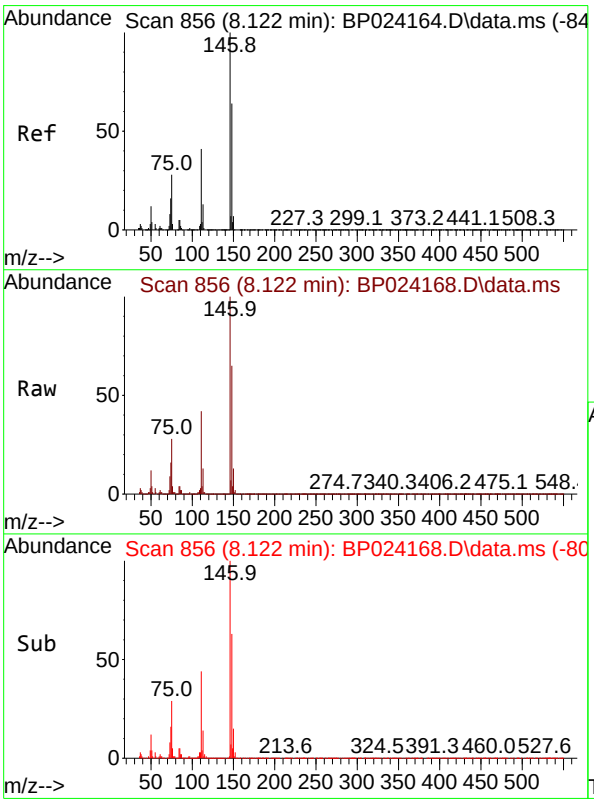
#13
1,4-Dichlorobenzene
Concen: 37.960 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:146 Resp: 1130770

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	40.1	31.4	47.2

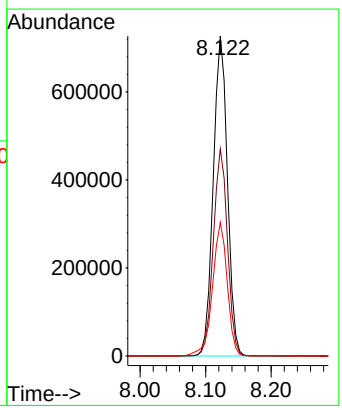


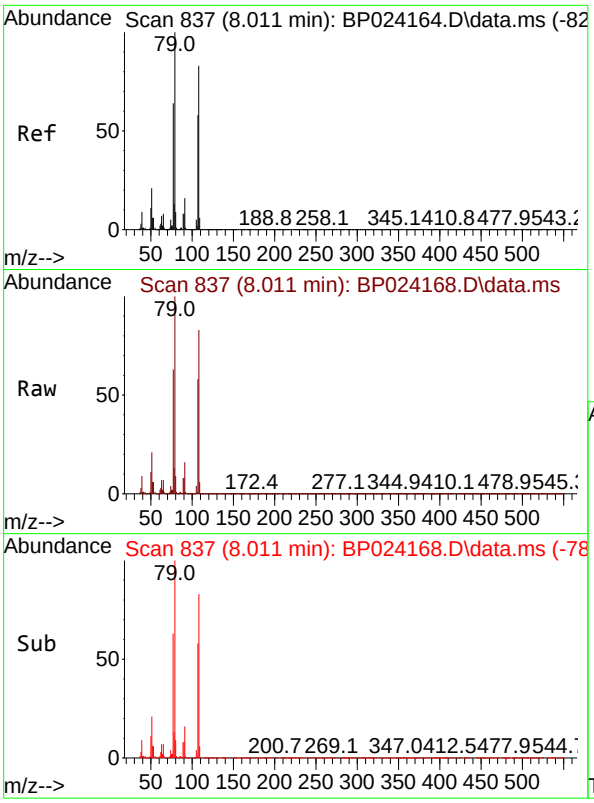


#14
1,2-Dichlorobenzene
Concen: 38.116 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:146 Resp: 1089564

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	41.7	33.2	49.8



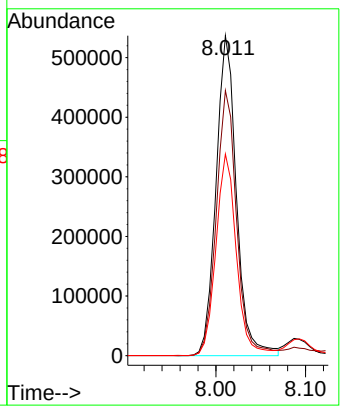


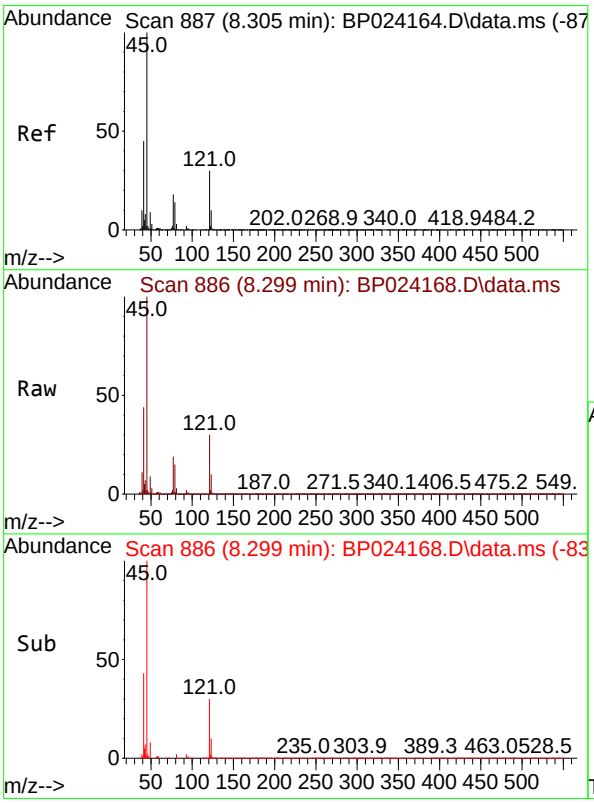
#15
Benzyl Alcohol
Concen: 39.999 ng
RT: 8.011 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 79 Resp: 848187

Ion	Ratio	Lower	Upper
79	100		
108	82.9	66.5	99.7
77	63.0	50.9	76.3

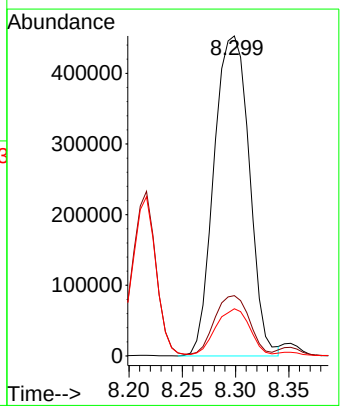


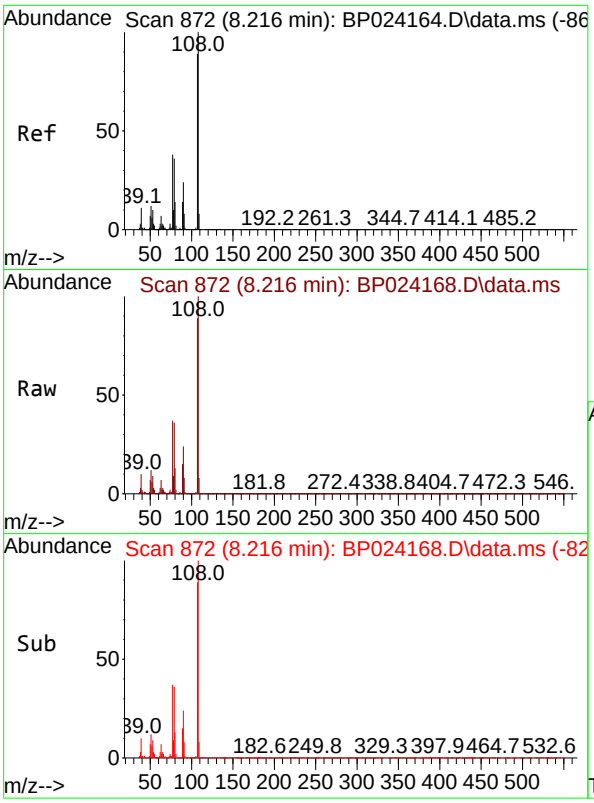


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.356 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 45 Resp: 1043834

Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	39.0
79	14.7	0.0	35.6



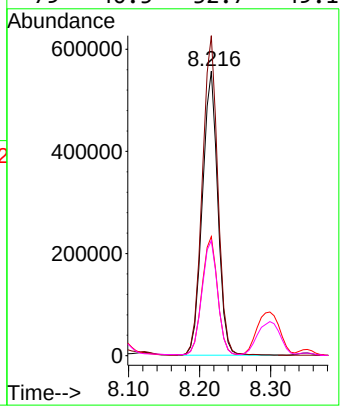


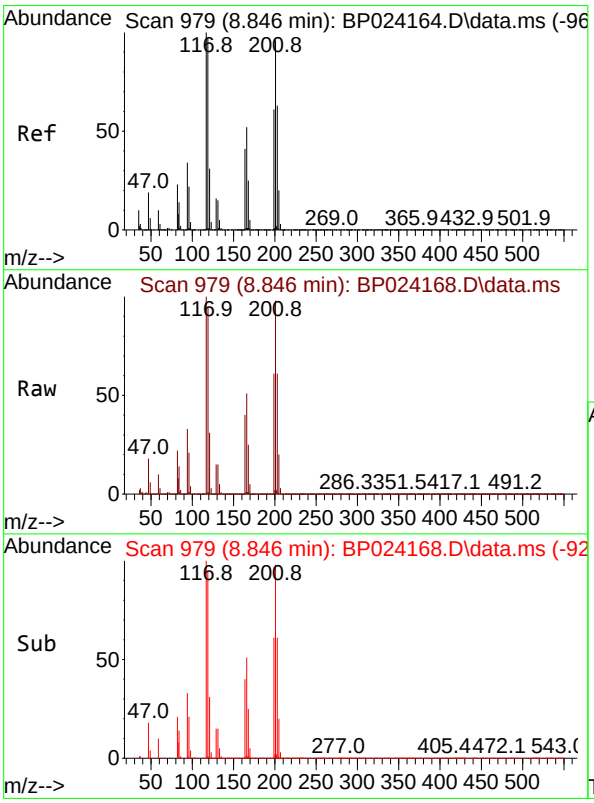
#17
2-Methylphenol
Concen: 39.636 ng
RT: 8.216 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:107 Resp: 840413

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	41.8	34.0	51.0
79	40.5	32.7	49.1

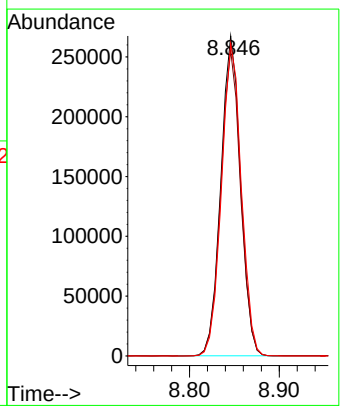


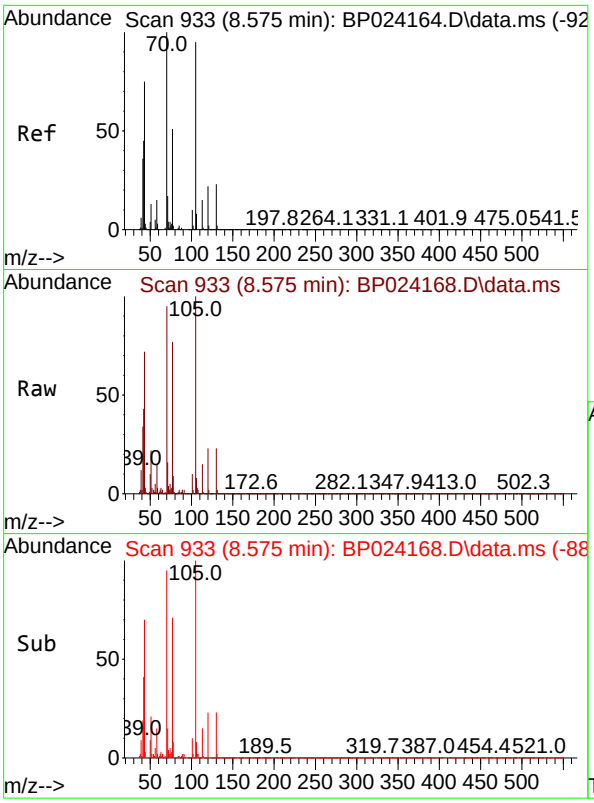


#18
Hexachloroethane
Concen: 38.587 ng
RT: 8.846 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:117 Resp: 407804

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	97.7	76.6	114.8



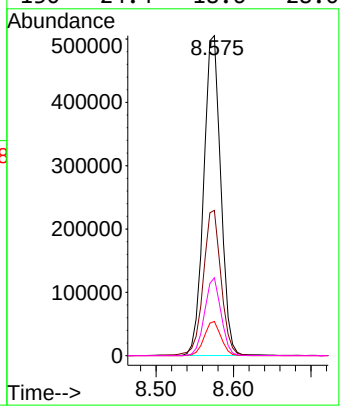


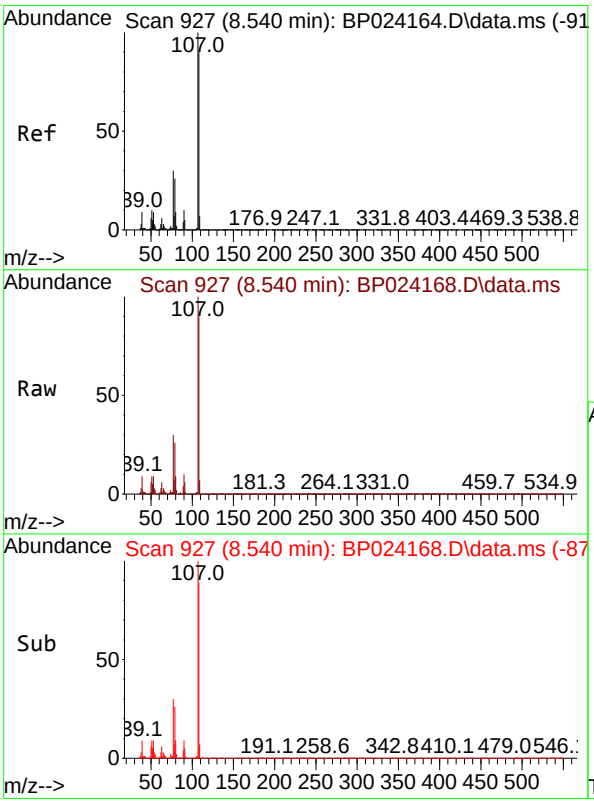
#19
n-Nitroso-di-n-propylamine
Concen: 39.697 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 70 Resp: 771380

Ion	Ratio	Lower	Upper
70	100		
42	45.4	36.0	54.0
101	10.7	8.3	12.5
130	24.4	18.6	28.0

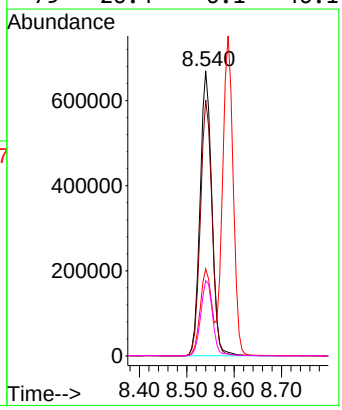


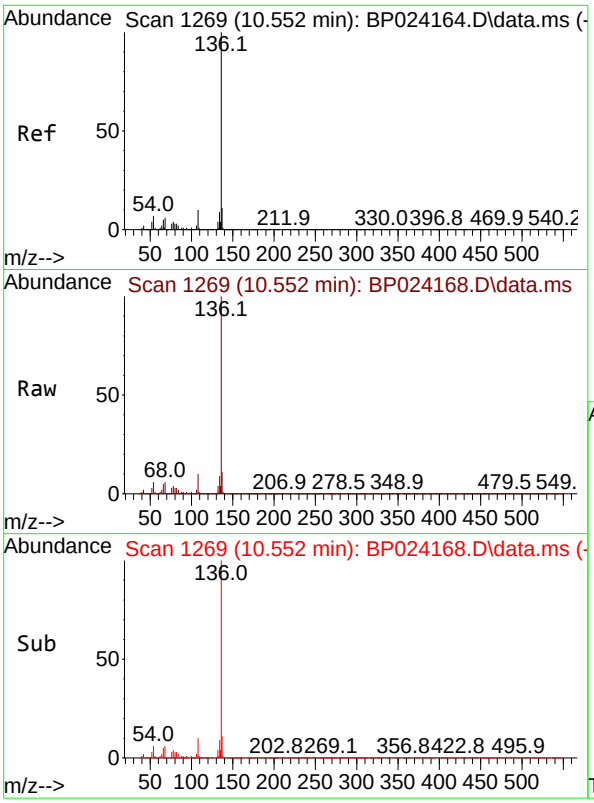


#20
3+4-Methylphenols
Concen: 39.629 ng
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:107 Resp: 1154401

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.7	109.7
77	30.5	10.3	50.3
79	26.4	6.1	46.1



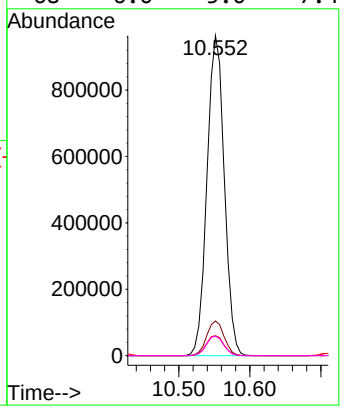


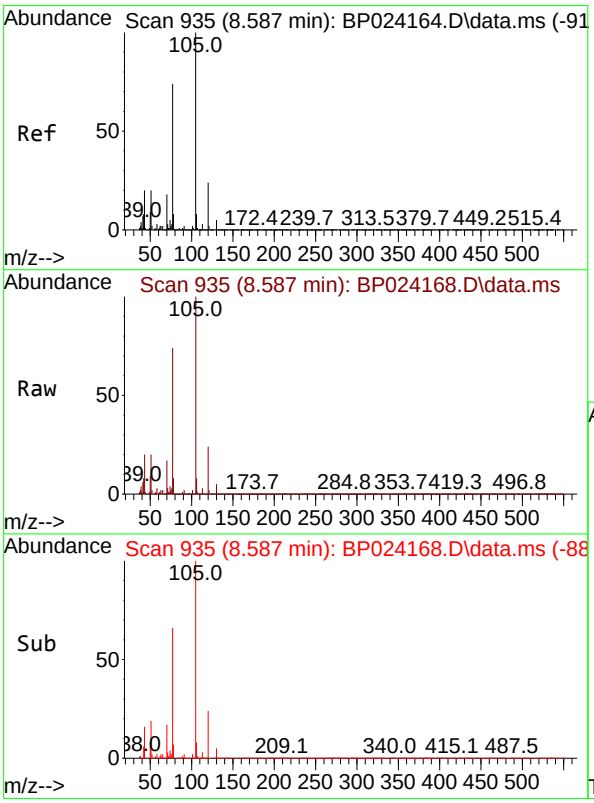
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:136 Resp: 1631941

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.3	5.3	7.9
68	6.0	5.0	7.4

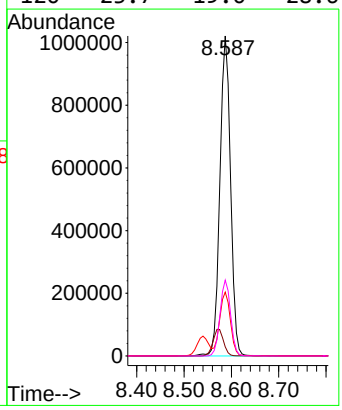


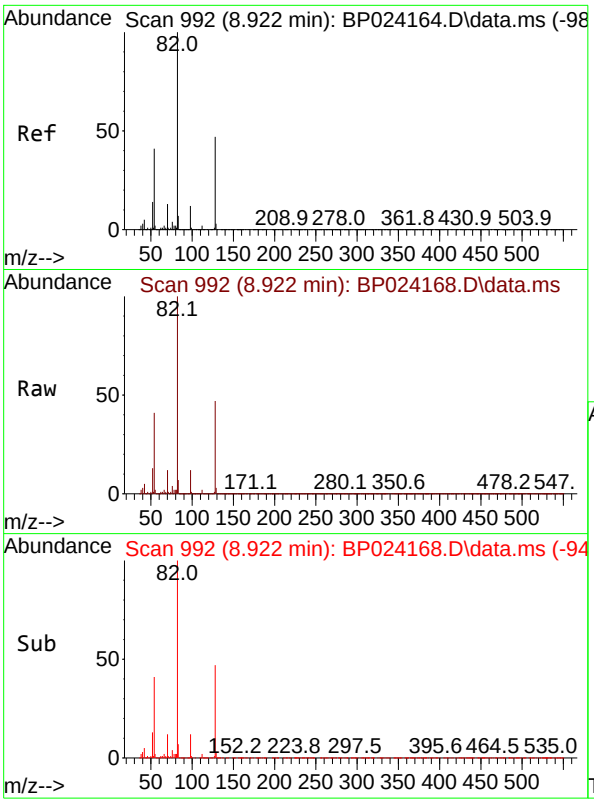


#22
Acetophenone
Concen: 38.611 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:105 Resp: 1593044

Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.4	3.6
51	20.0	16.2	24.2
120	23.7	19.0	28.6



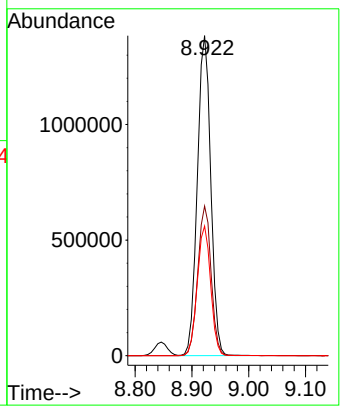


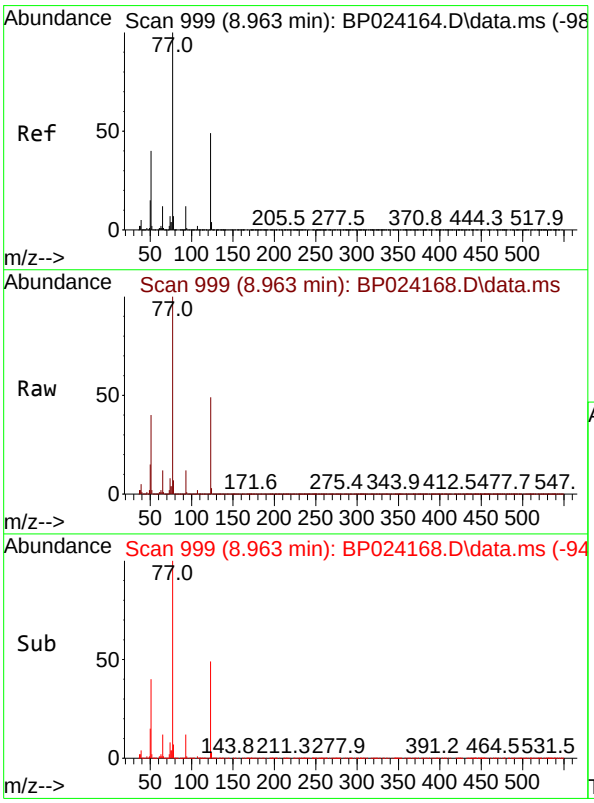
#23
Nitrobenzene-d5
Concen: 78.652 ng
RT: 8.922 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 82 Resp: 2274955

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.0
54	40.5	32.5	48.7

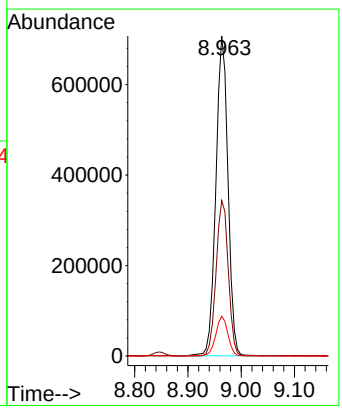


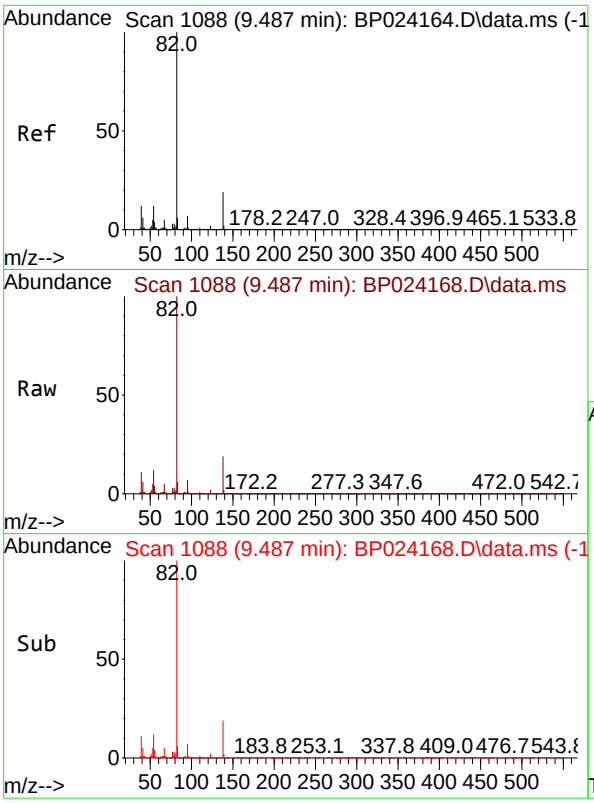


#24
Nitrobenzene
Concen: 39.045 ng
RT: 8.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 77 Resp: 1114096

Ion	Ratio	Lower	Upper
77	100		
123	48.6	39.4	59.2
65	12.4	9.9	14.9



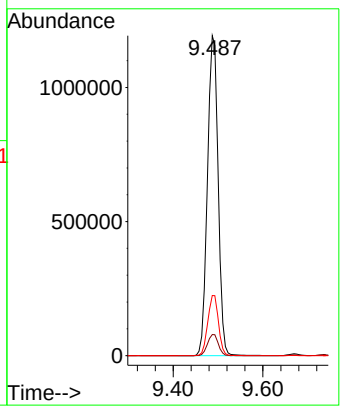


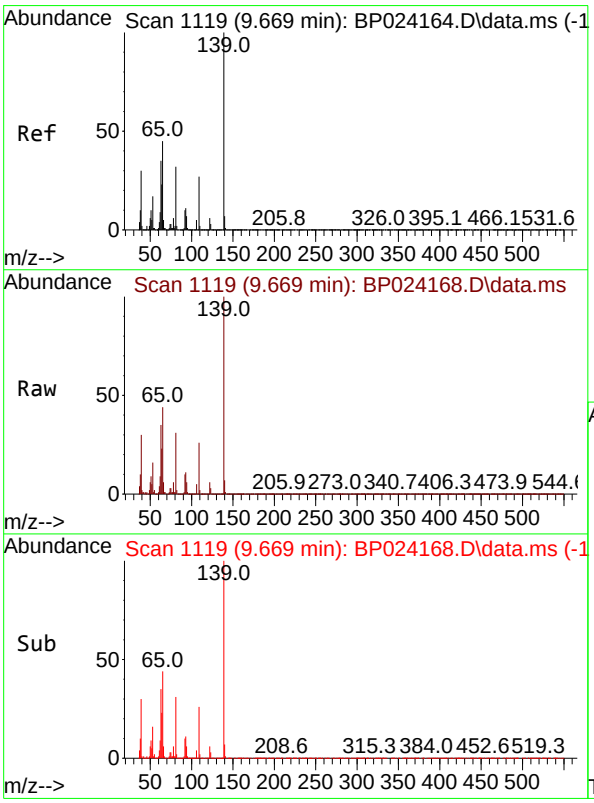
#25
Isophorone
Concen: 39.677 ng
RT: 9.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 82 Resp: 1967247

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.8	14.8	22.2

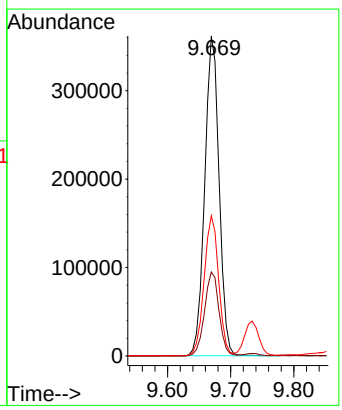


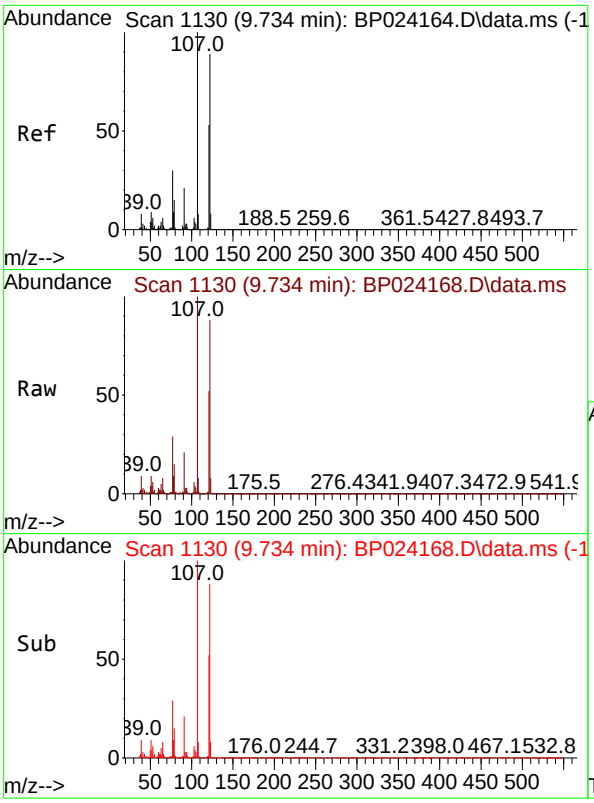


#26
2-Nitrophenol
Concen: 41.892 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:139 Resp: 570971

Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.7	32.5
65	43.8	35.8	53.8



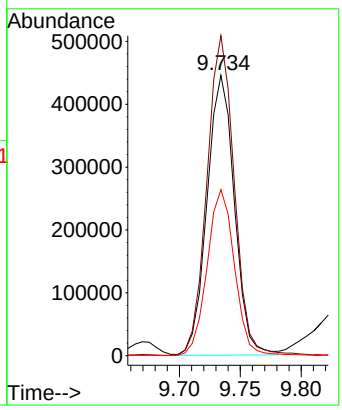


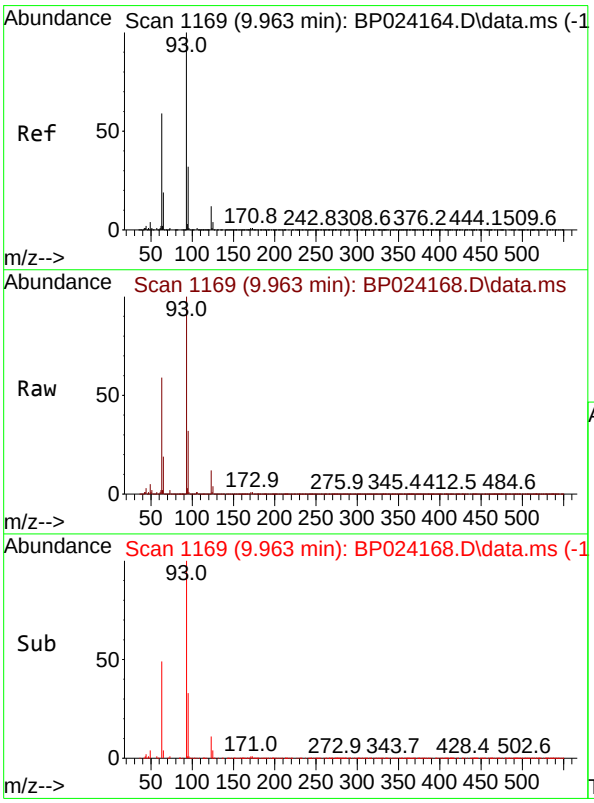
#27
2,4-Dimethylphenol
Concen: 39.779 ng
RT: 9.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:122 Resp: 697163

Ion	Ratio	Lower	Upper
122	100		
107	114.1	89.3	133.9
121	59.2	47.5	71.3

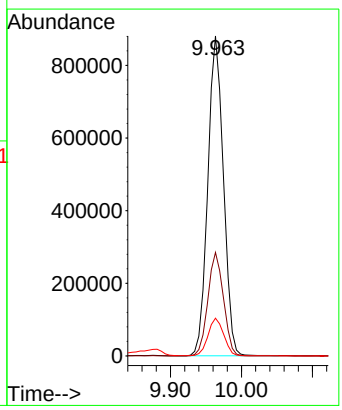


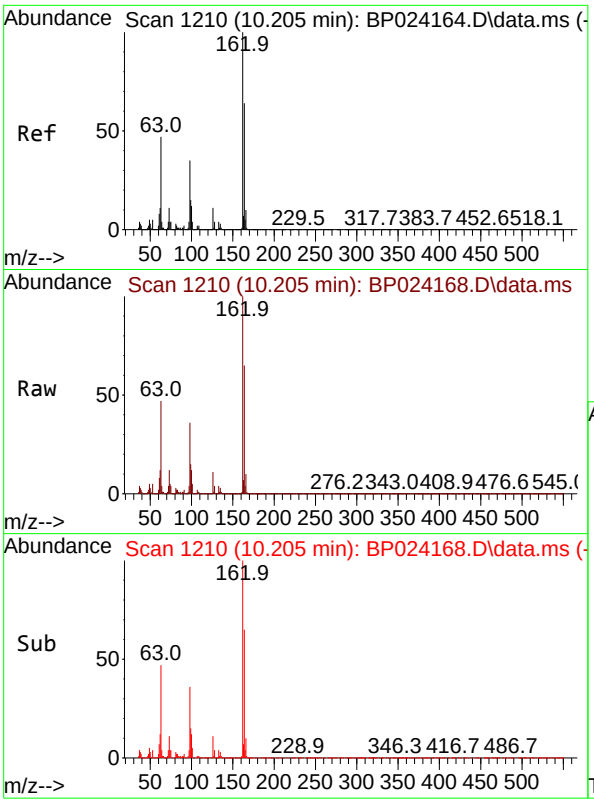


#28
bis(2-Chloroethoxy)methane
Concen: 38.608 ng
RT: 9.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 93 Resp: 1346656

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.8	9.5	14.3



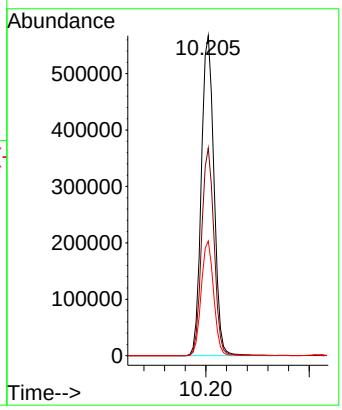


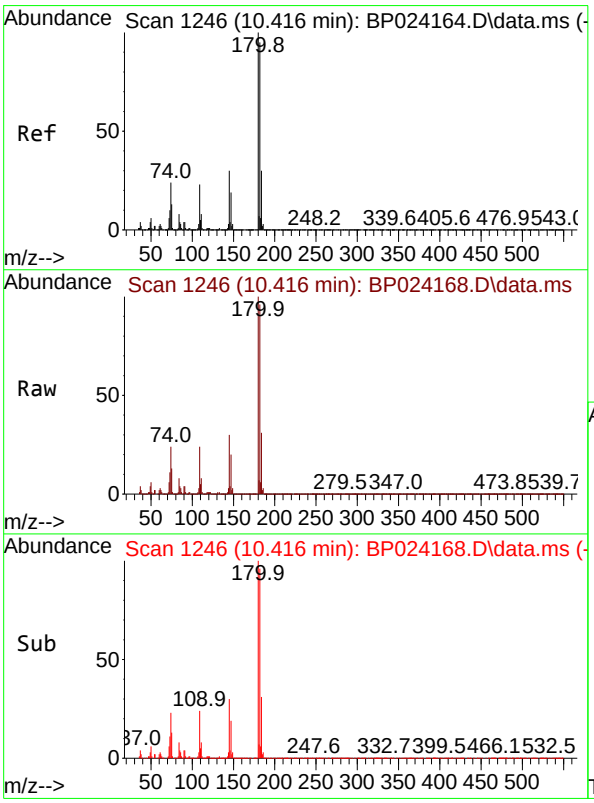
#29
2,4-Dichlorophenol
Concen: 40.558 ng
RT: 10.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:162 Resp: 961583

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	35.8	15.1	55.1

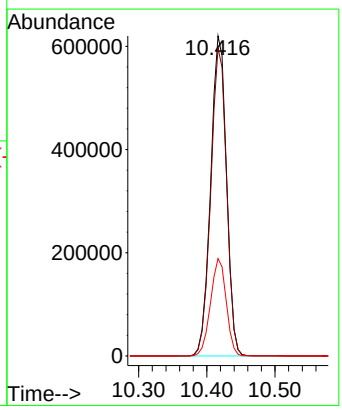


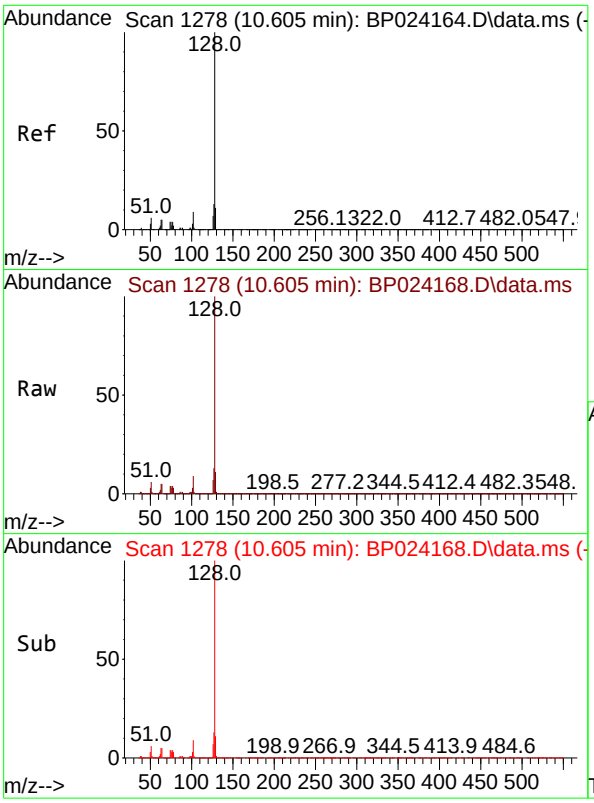


#30
1,2,4-Trichlorobenzene
Concen: 38.264 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:180 Resp: 1002302

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
145	30.5	24.2	36.2



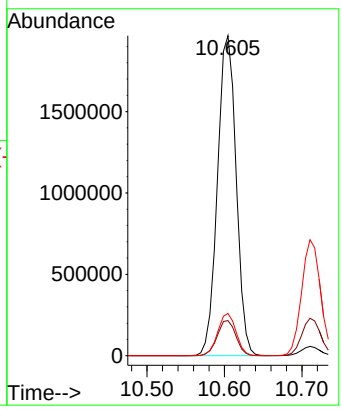


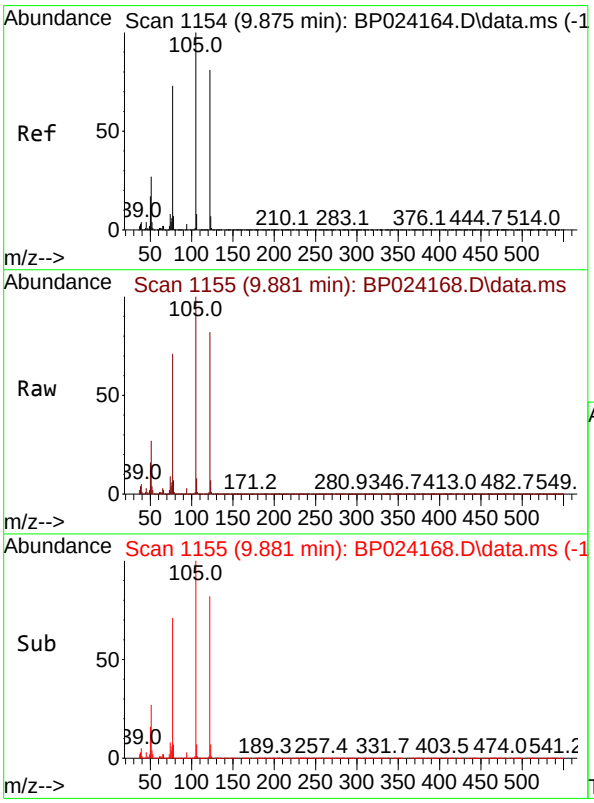
#31
Naphthalene
Concen: 38.223 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:128 Resp: 3306535

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.4	15.6

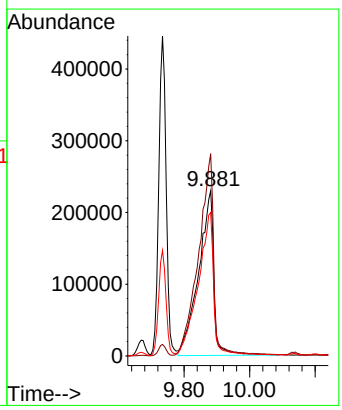


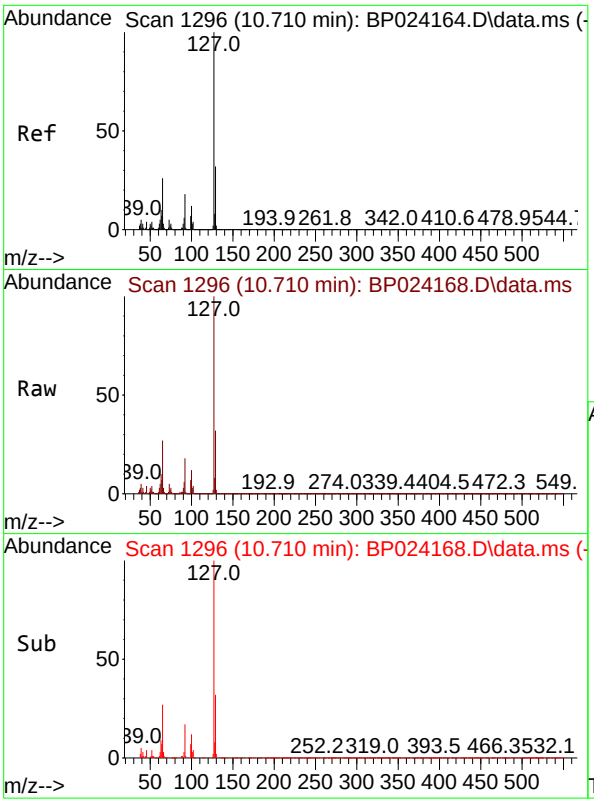


#32
Benzoic acid
Concen: 43.618 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:122 Resp: 745543

Ion	Ratio	Lower	Upper
122	100		
105	122.4	100.3	140.3
77	86.8	69.1	109.1



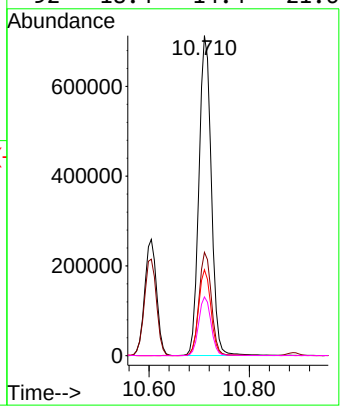


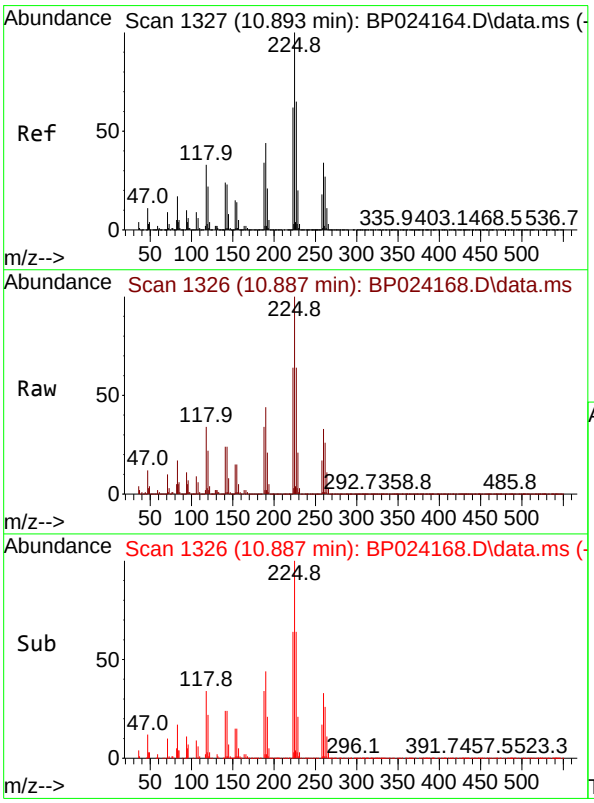
#33
4-Chloroaniline
Concen: 39.499 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:127 Resp: 1222820

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	26.9	21.2	31.8
92	18.4	14.4	21.6

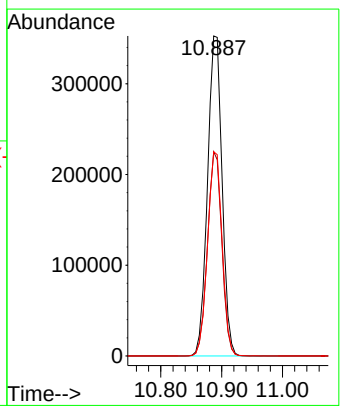


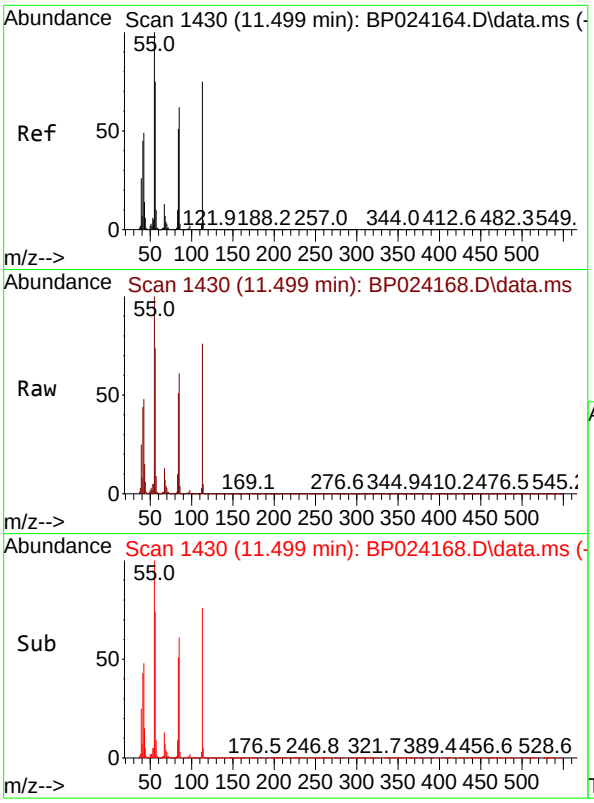


#34
Hexachlorobutadiene
Concen: 38.854 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:225 Resp: 585728

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.9	74.9
227	63.8	52.2	78.2



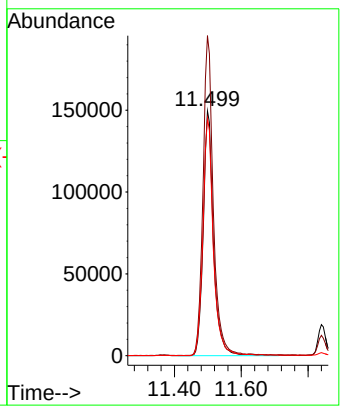


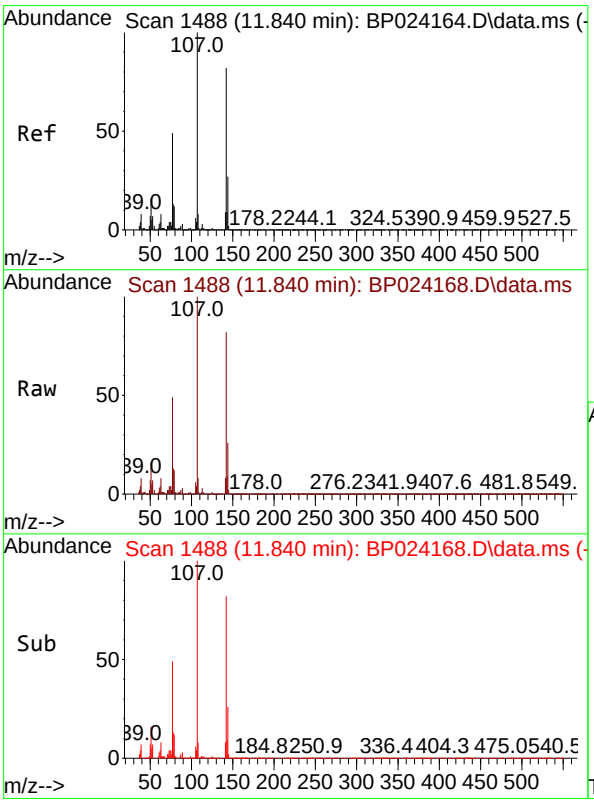
#35
Caprolactam
Concen: 40.859 ng
RT: 11.499 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:113 Resp: 317484

Ion	Ratio	Lower	Upper
113	100		
55	130.8	113.6	153.6
56	97.1	80.0	120.0

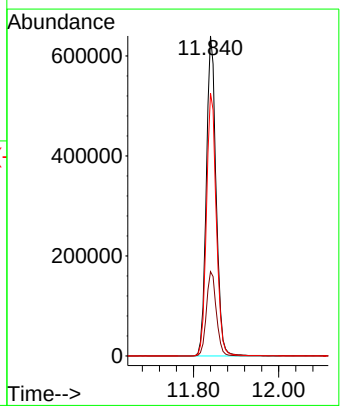


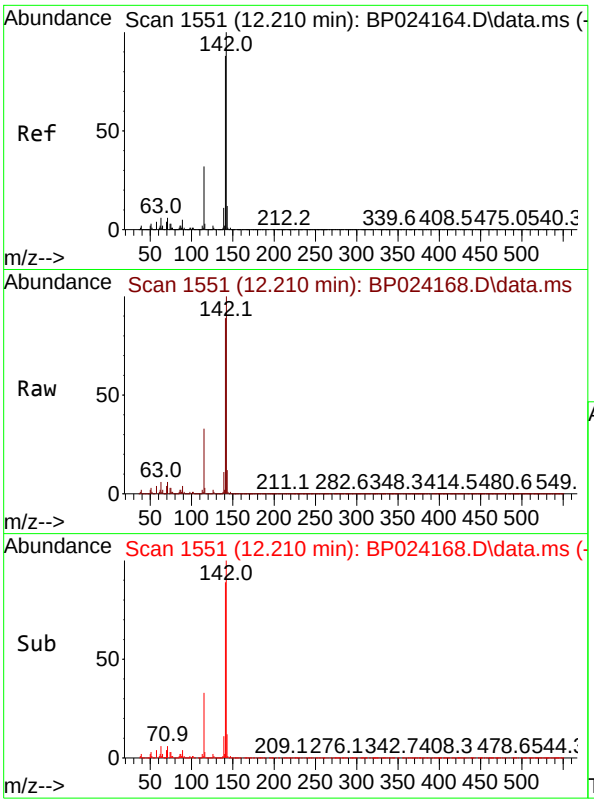


#36
4-Chloro-3-methylphenol
Concen: 39.702 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:107 Resp: 1015423

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.6	32.4
142	82.2	65.4	98.0



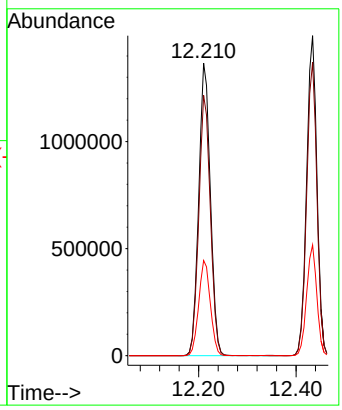


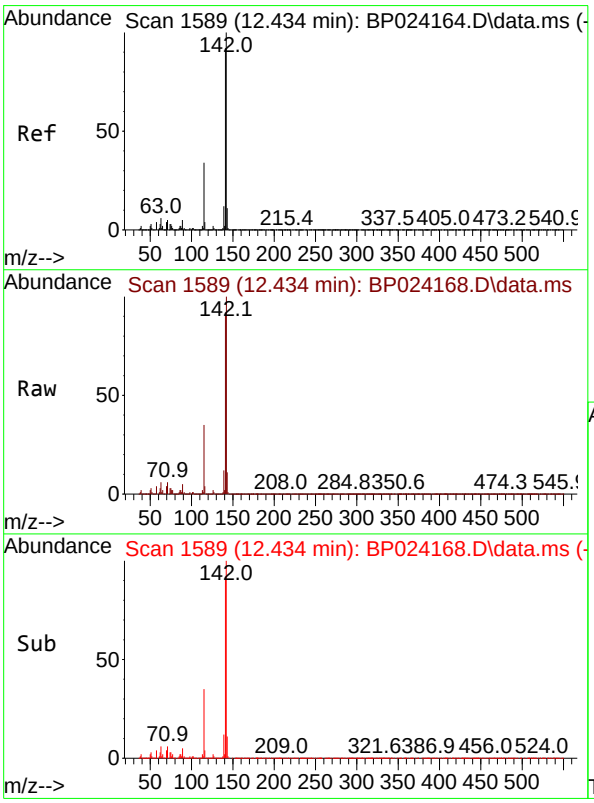
#37
2-Methylnaphthalene
Concen: 38.762 ng
RT: 12.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:142 Resp: 2265320

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	32.5	26.0	39.0

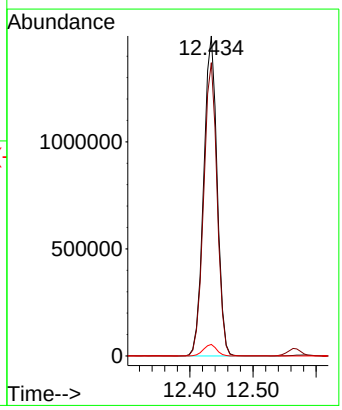


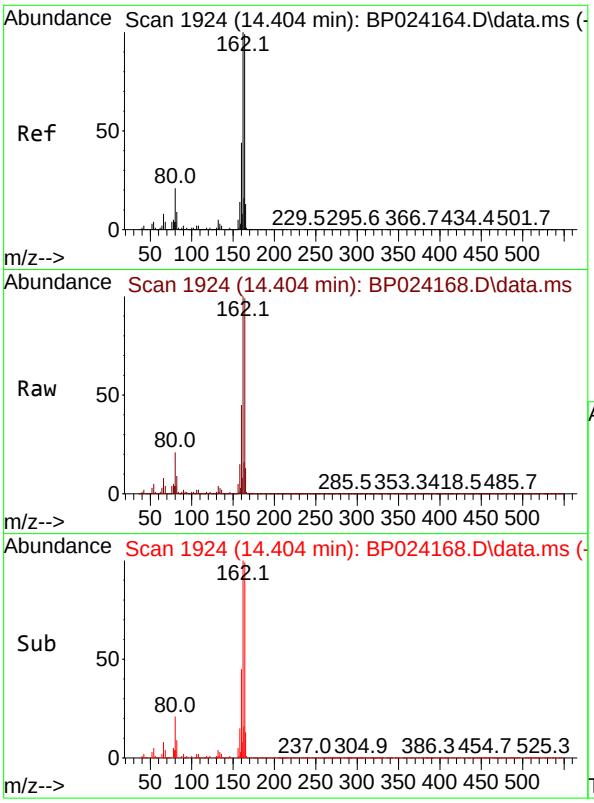


#38
1-Methylnaphthalene
Concen: 38.874 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:142 Resp: 2209719

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.6	2.8	4.2



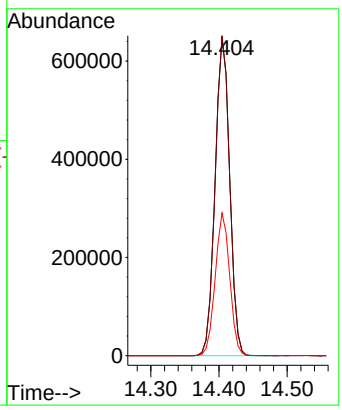


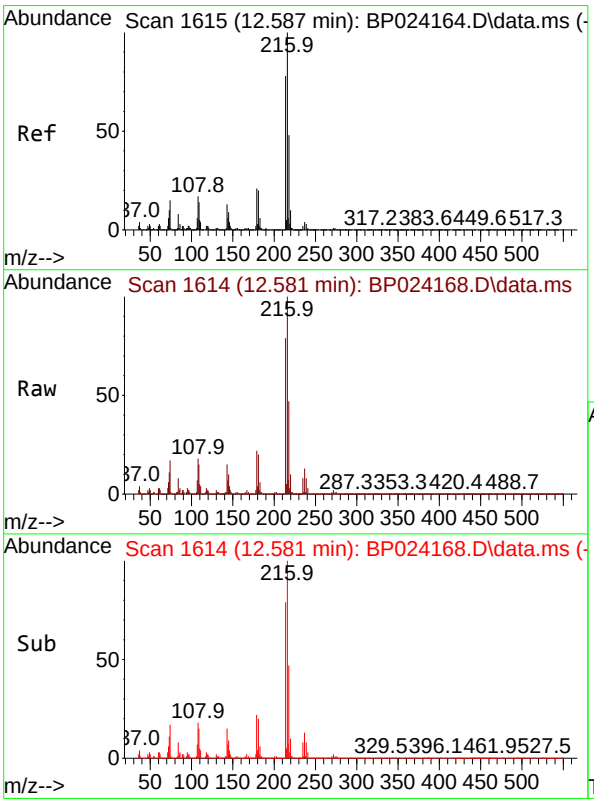
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:164 Resp: 966525

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	44.9	35.4	53.2

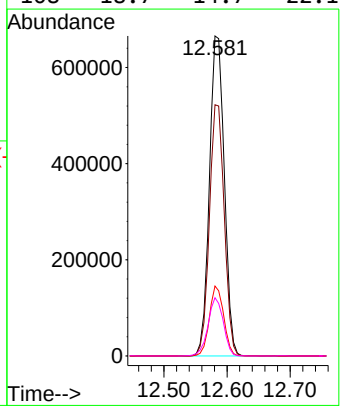


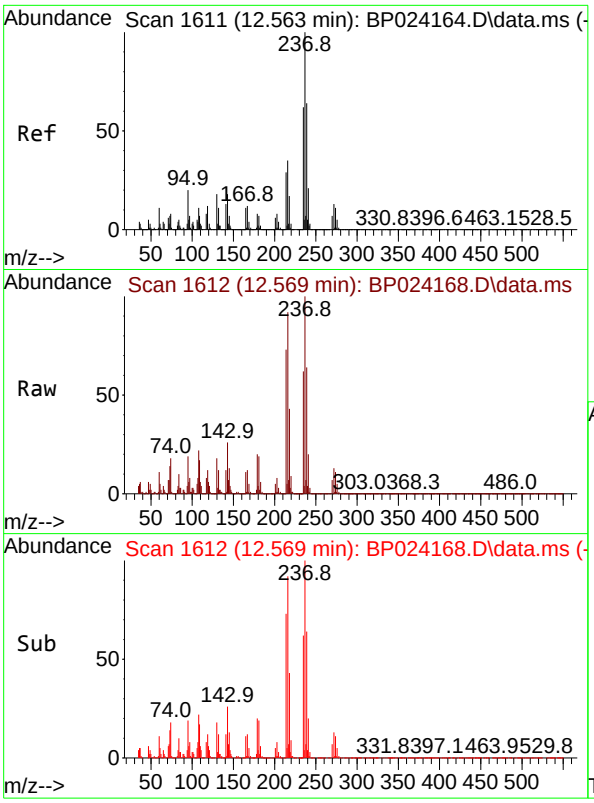


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.988 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:216 Resp: 1089303

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.8	94.2
179	21.0	16.8	25.2
108	18.7	14.7	22.1



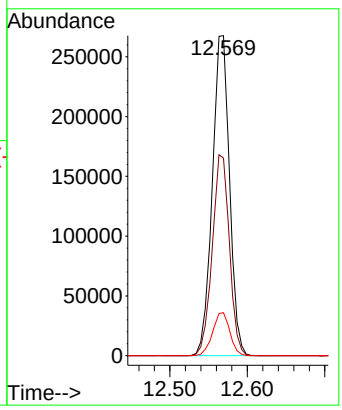


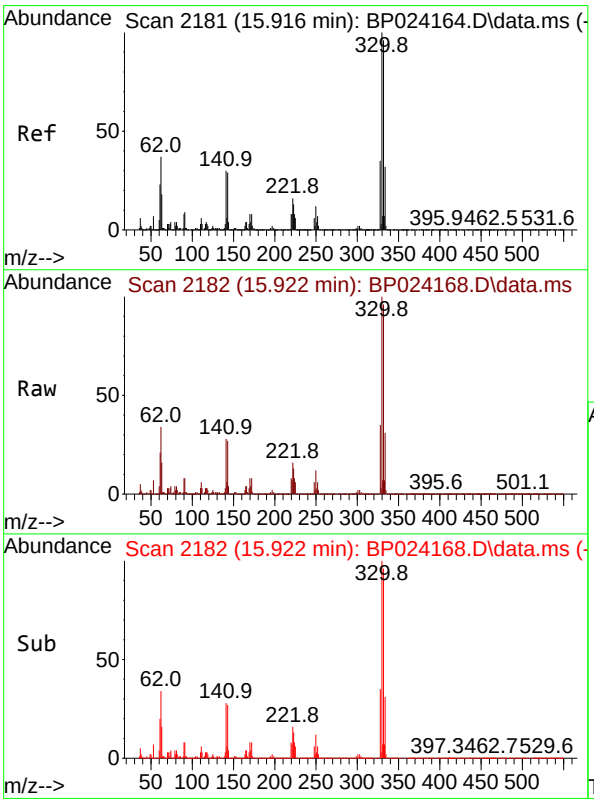
#41
Hexachlorocyclopentadiene
Concen: 41.026 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:237 Resp: 413181

Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.8	81.8
272	13.4	0.0	33.5

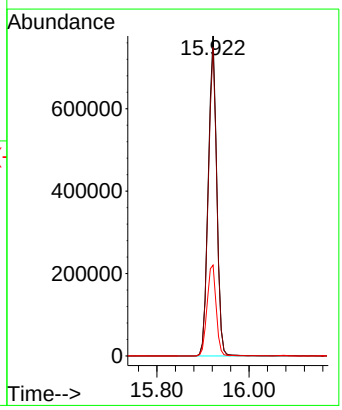


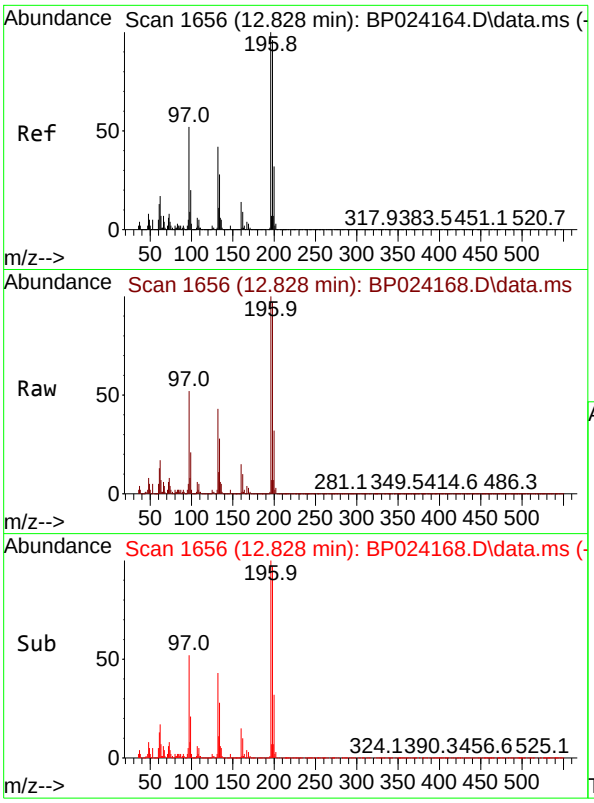


#42
2,4,6-Tribromophenol
Concen: 81.766 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:330 Resp: 995466

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	30.6	25.0	37.6



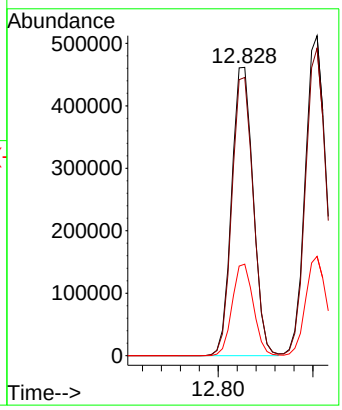


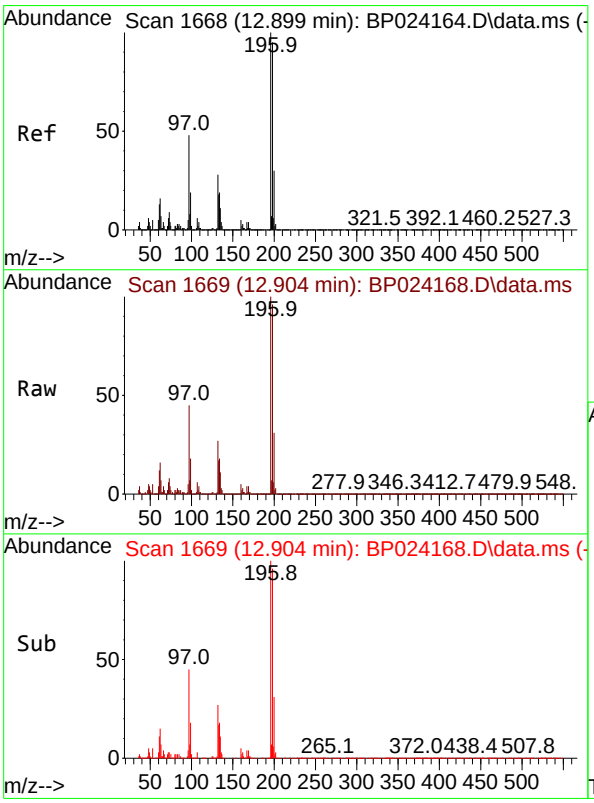
#43
2,4,6-Trichlorophenol
Concen: 40.950 ng
RT: 12.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:196 Resp: 727105

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.6	115.0
200	31.7	25.4	38.0

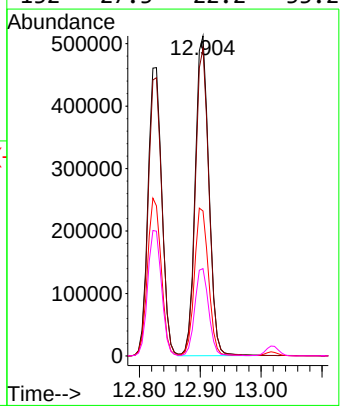


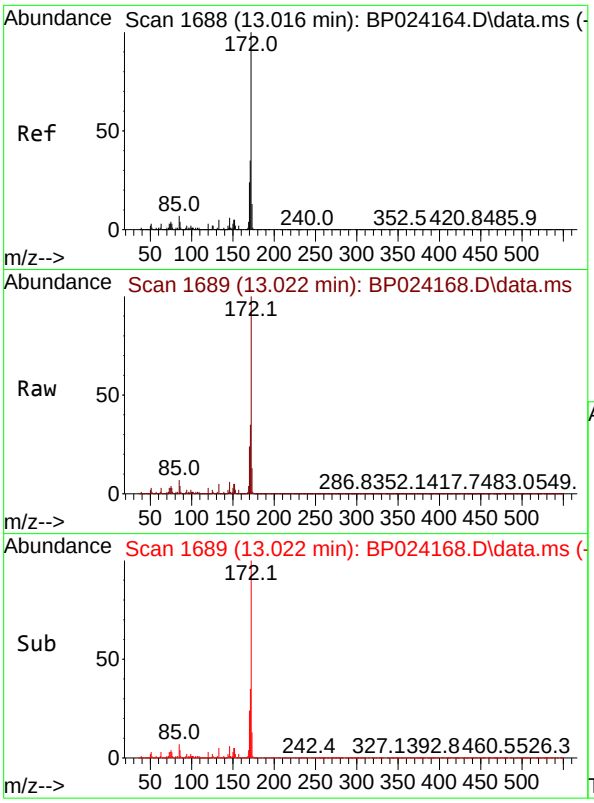


#44
2,4,5-Trichlorophenol
Concen: 40.985 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:196 Resp: 798076

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.5	114.7
97	45.3	38.7	58.1
132	27.3	22.2	33.2



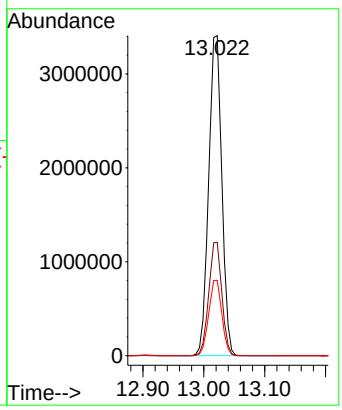


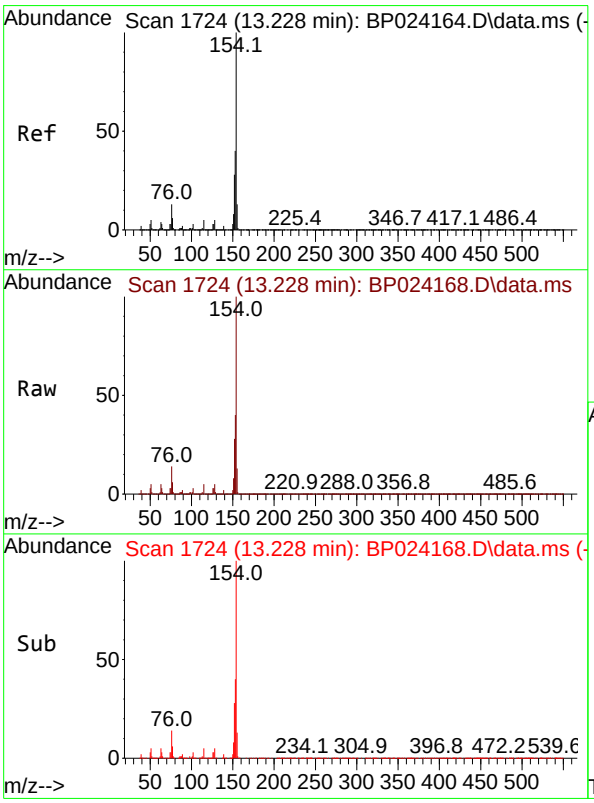
#45
2-Fluorobiphenyl
Concen: 77.885 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:172 Resp: 5105223

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	19.0	28.4

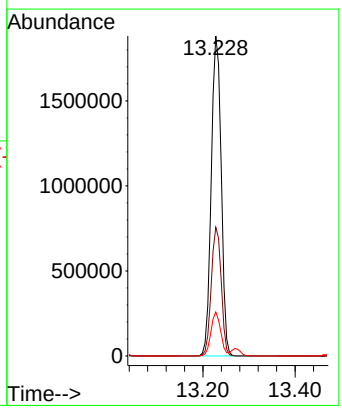


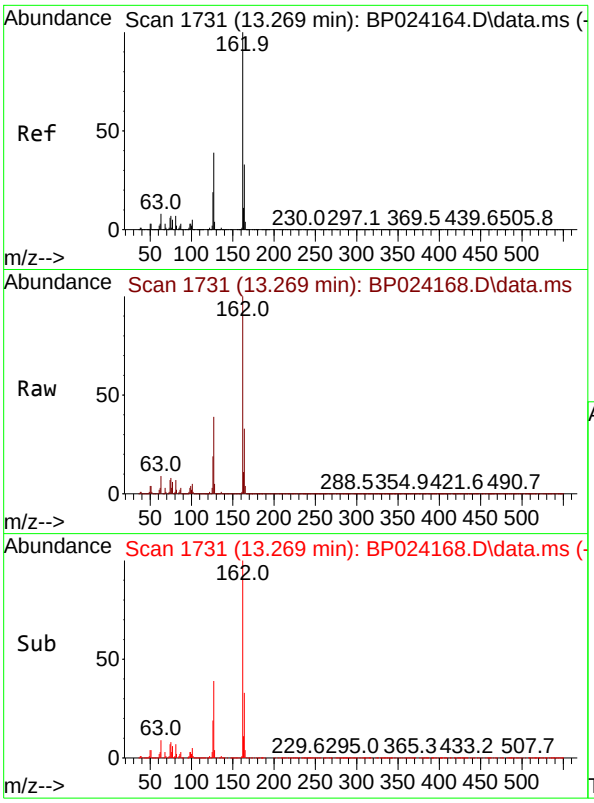


#46
1,1'-Biphenyl
Concen: 38.846 ng
RT: 13.228 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:154 Resp: 2821370

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.7	0.0	32.9



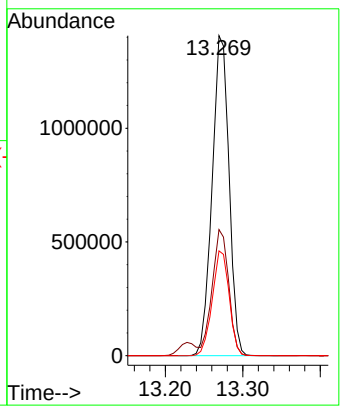


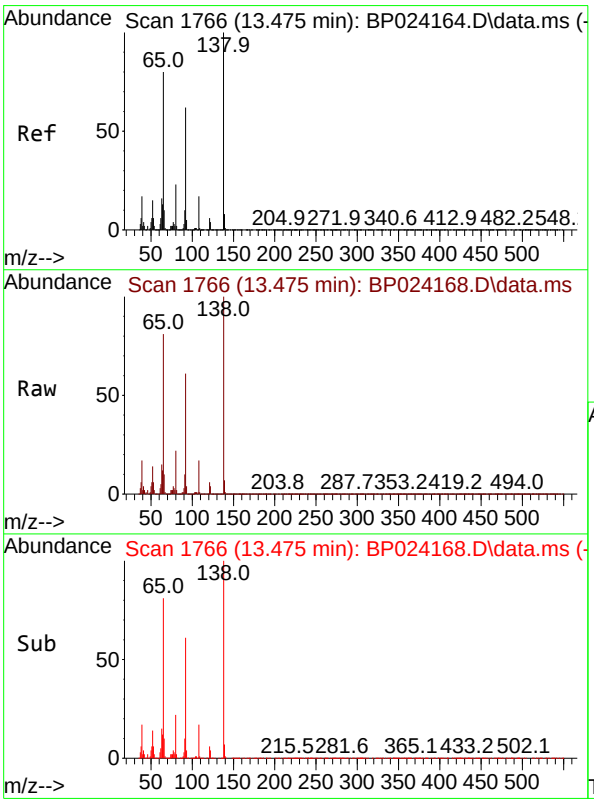
#47
2-Chloronaphthalene
Concen: 39.006 ng
RT: 13.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:162 Resp: 2130879

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.5	47.3
164	32.8	26.6	39.8

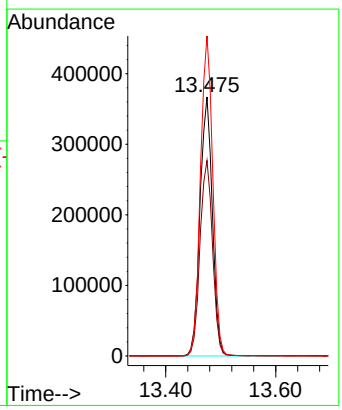


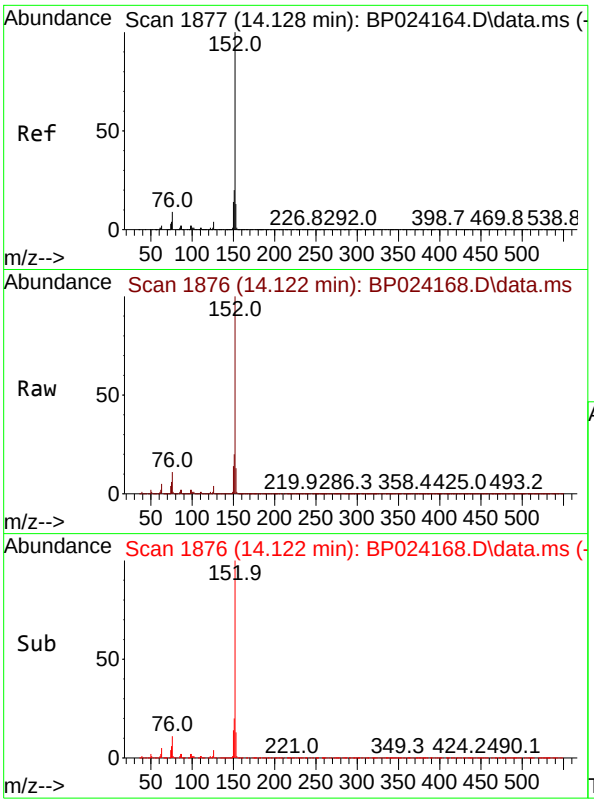


#48
2-Nitroaniline
Concen: 41.137 ng
RT: 13.475 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 65 Resp: 574806

Ion	Ratio	Lower	Upper
65	100		
92	75.5	62.1	93.1
138	123.5	99.5	149.3



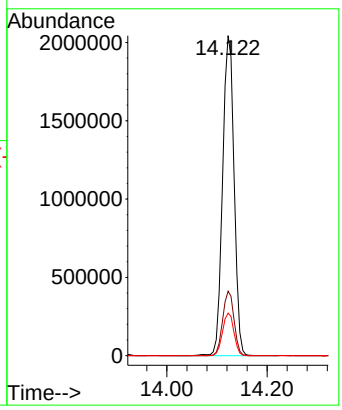


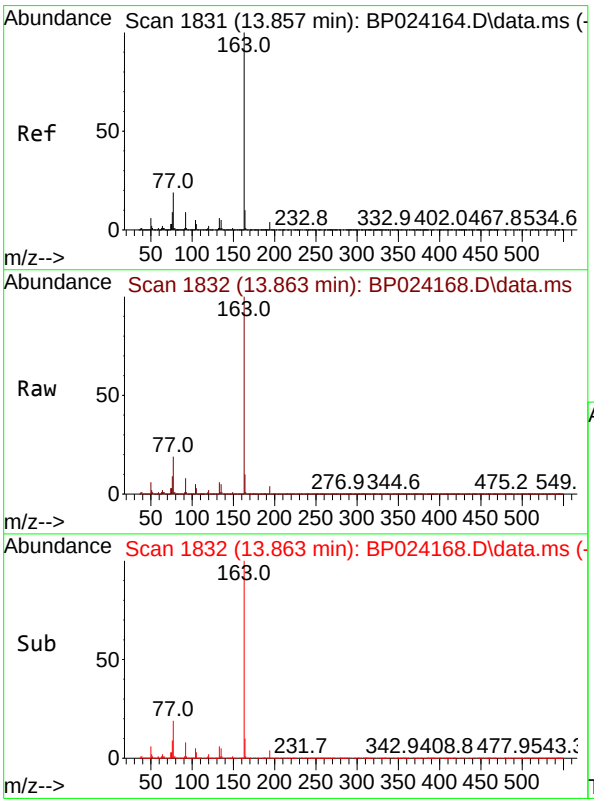
#49
Acenaphthylene
Concen: 39.262 ng
RT: 14.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:152 Resp: 3245488

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.3	10.6	15.8

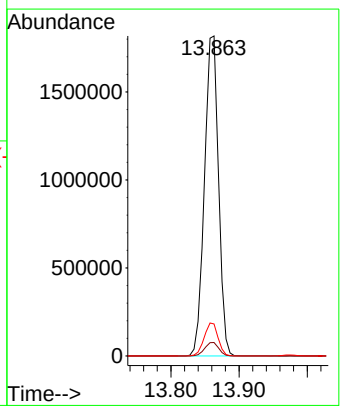


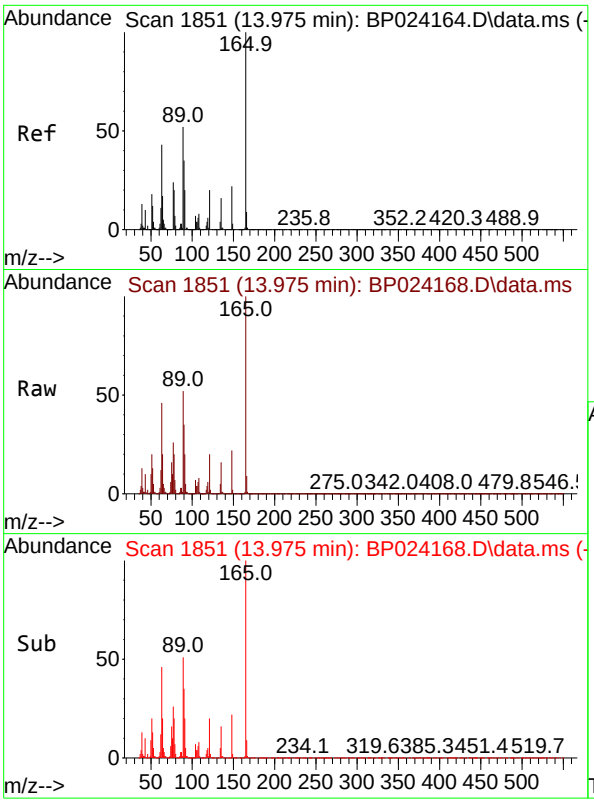


#50
Dimethylphthalate
Concen: 38.548 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:163 Resp: 2606961

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.2	12.4



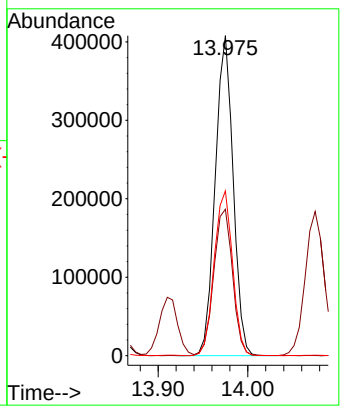


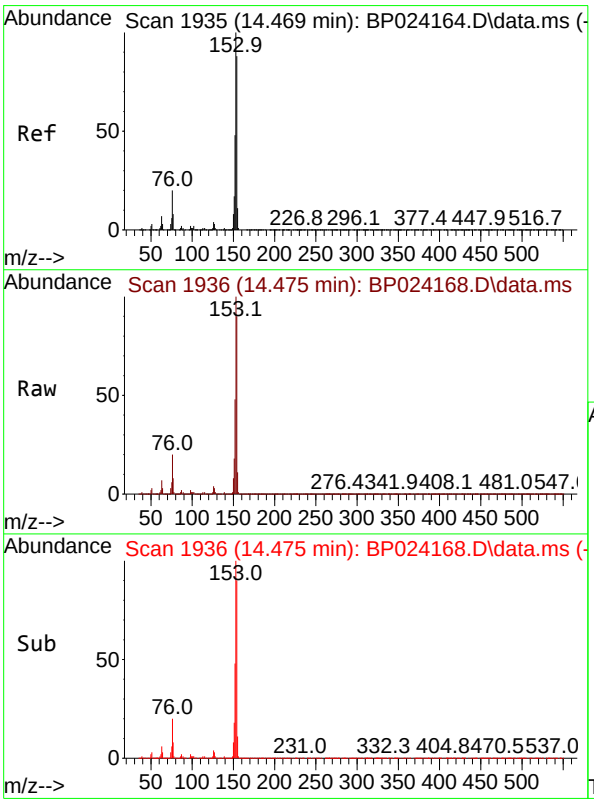
#51
2,6-Dinitrotoluene
Concen: 39.611 ng
RT: 13.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:165 Resp: 563651

Ion	Ratio	Lower	Upper
165	100		
63	45.8	37.7	56.5
89	51.5	41.9	62.9

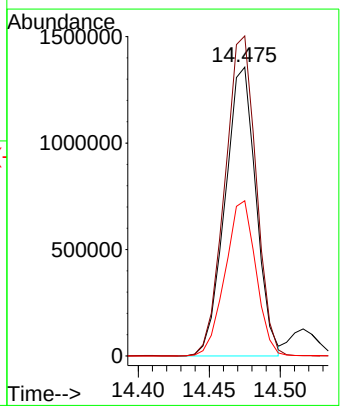


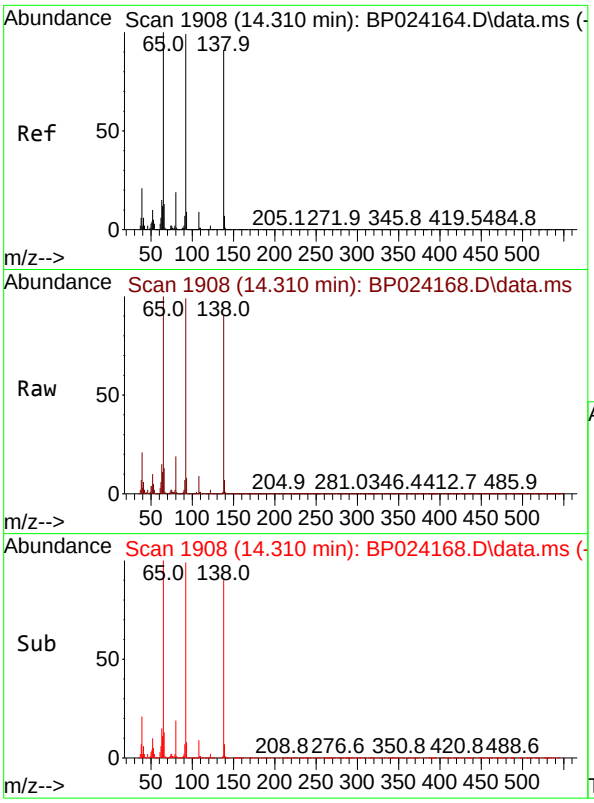


#52
Acenaphthene
Concen: 38.881 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:154 Resp: 2053476

Ion	Ratio	Lower	Upper
154	100		
153	110.8	90.5	135.7
152	53.7	43.1	64.7



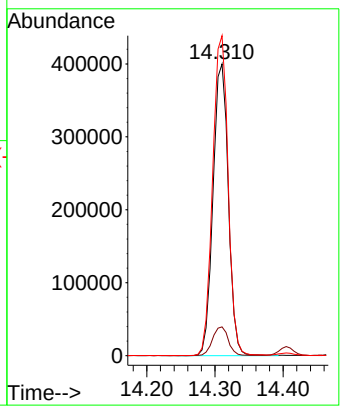


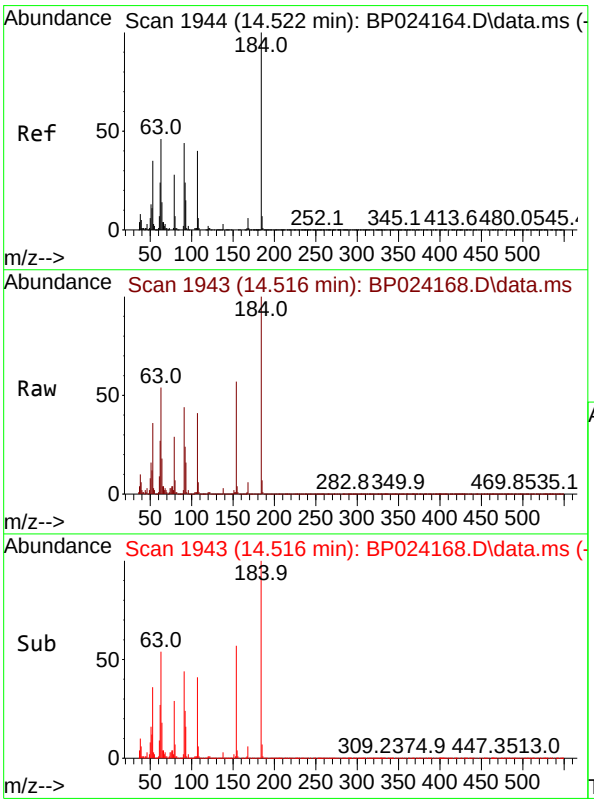
#53
3-Nitroaniline
Concen: 40.719 ng
RT: 14.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:138 Resp: 625803

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.2
92	109.7	86.7	130.1

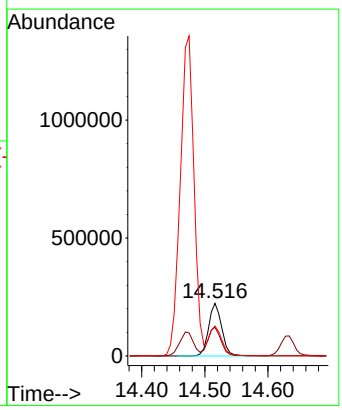


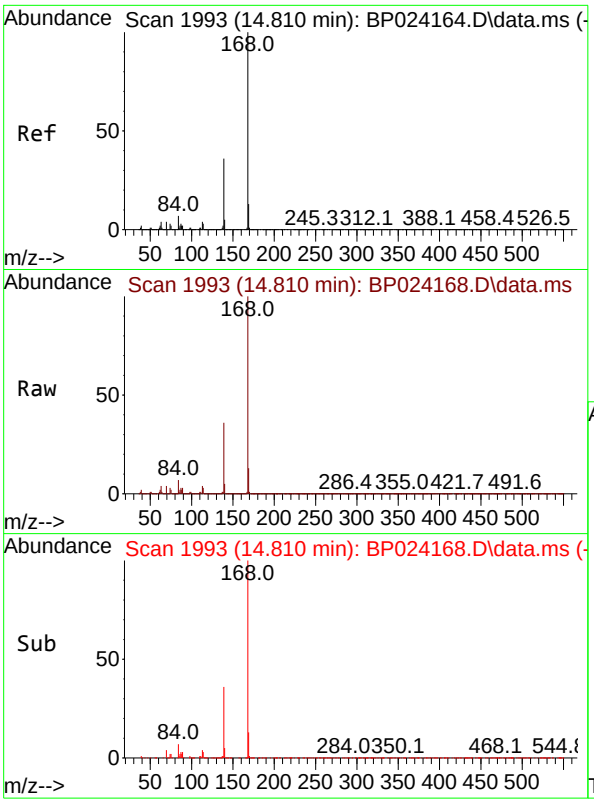


#54
2,4-Dinitrophenol
Concen: 42.791 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:184 Resp: 322185

Ion	Ratio	Lower	Upper
184	100		
63	54.2	42.1	63.1
154	56.8	44.6	67.0



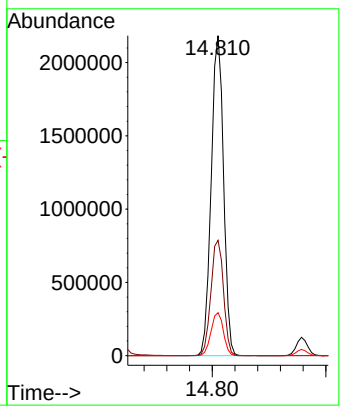


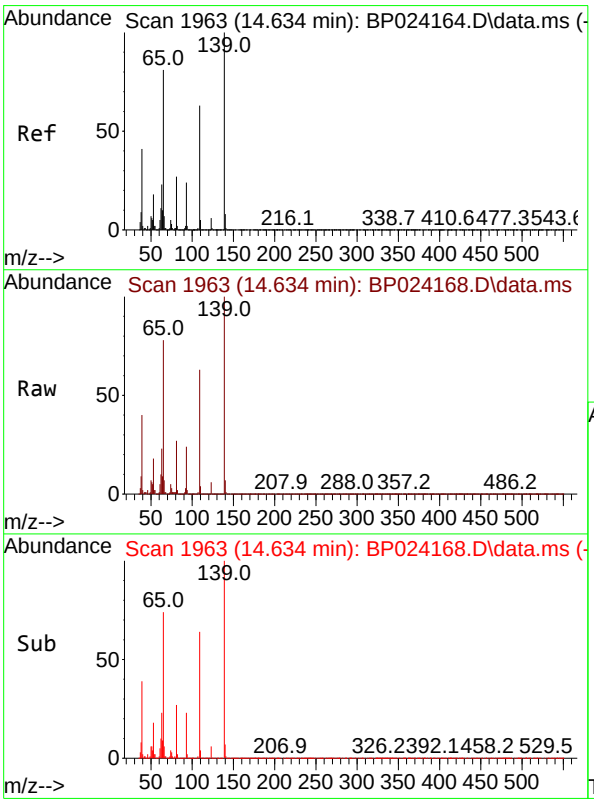
#55
Dibenzofuran
Concen: 38.264 ng
RT: 14.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:168 Resp: 3273448

Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.1	43.7
169	13.4	10.8	16.2

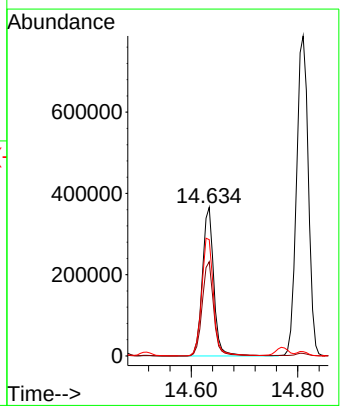


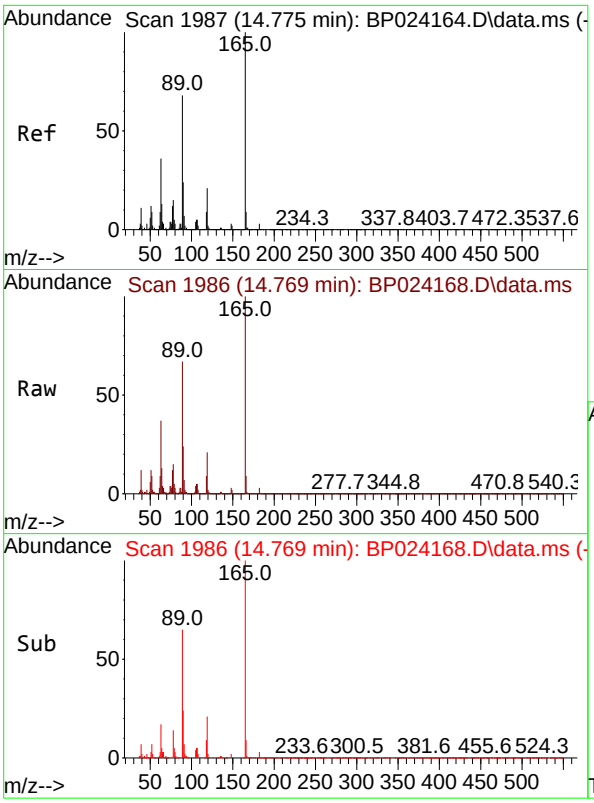


#56
4-Nitrophenol
Concen: 42.293 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:139 Resp: 543119

Ion	Ratio	Lower	Upper
139	100		
109	63.4	43.3	83.3
65	78.3	61.2	101.2



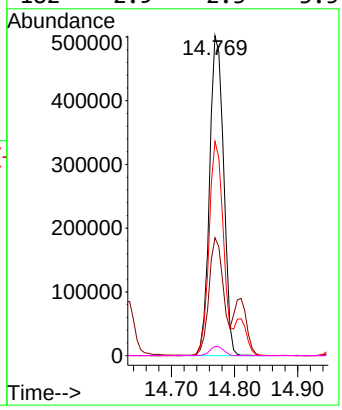


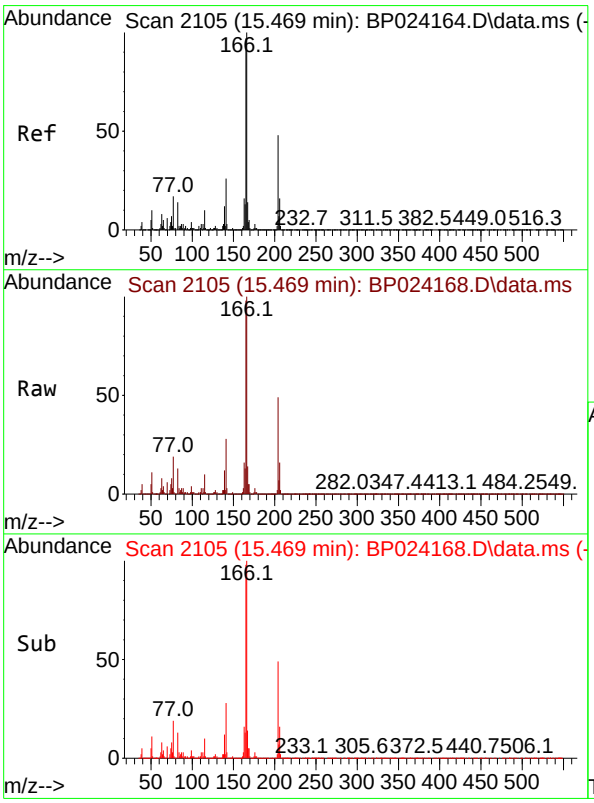
#57
2,4-Dinitrotoluene
Concen: 41.106 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:165 Resp: 772629

Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	66.9	54.2	81.4
182	2.9	2.3	3.5

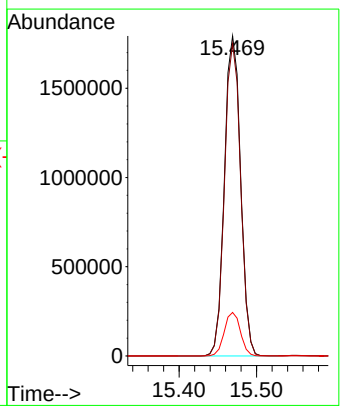


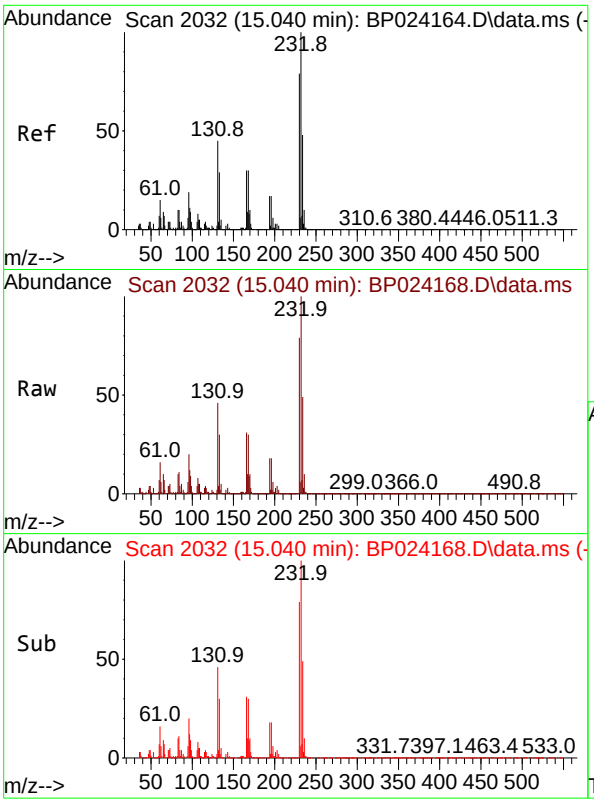


#58
Fluorene
Concen: 39.061 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:166 Resp: 2603595

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.6	116.4
167	13.6	10.8	16.2



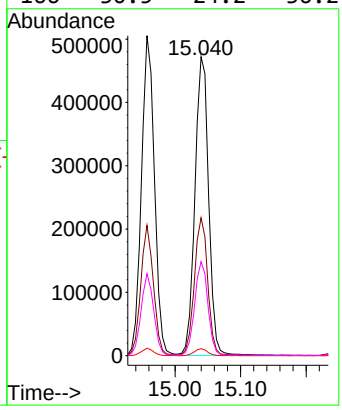


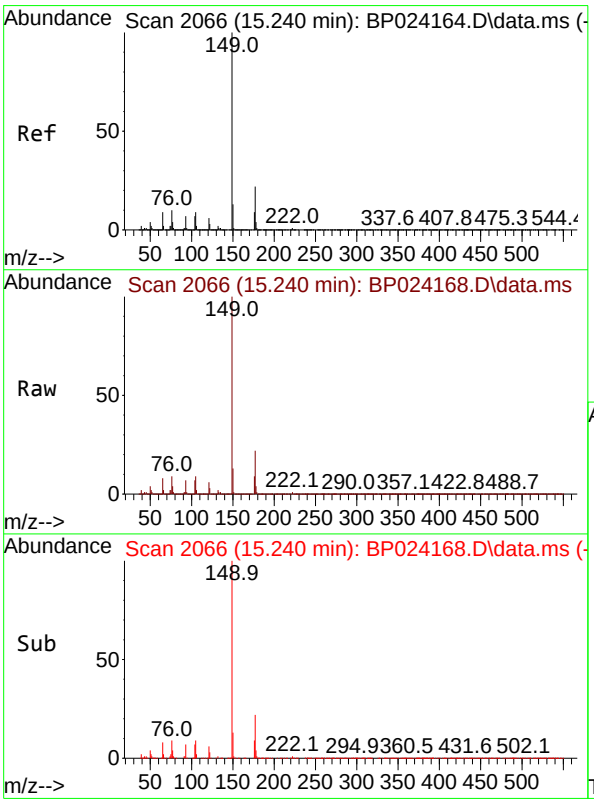
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.844 ng
RT: 15.040 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:232 Resp: 685479

Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.9	53.9
130	2.2	1.8	2.6
166	30.5	24.2	36.2

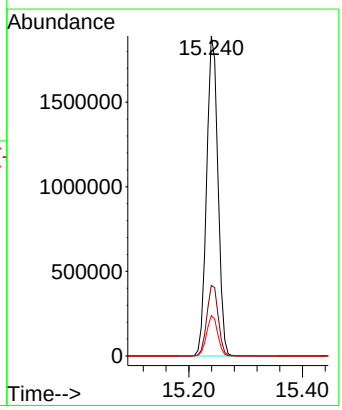


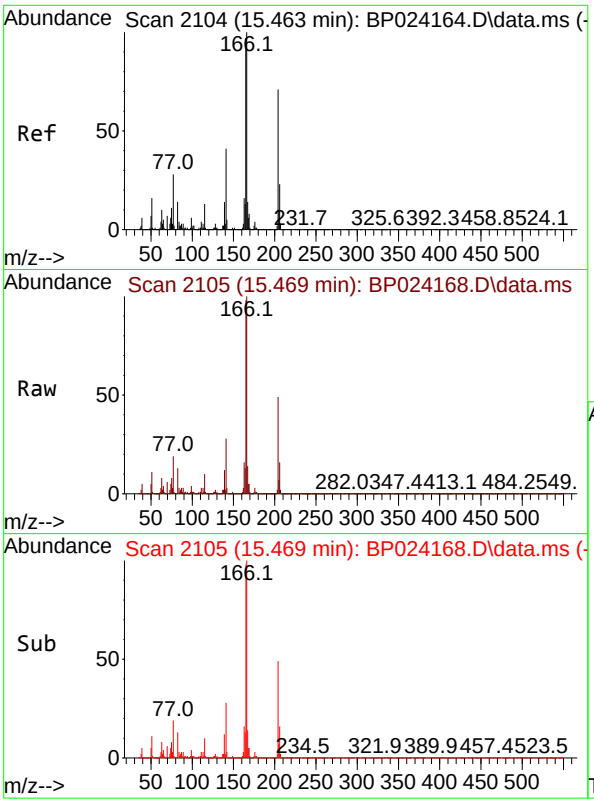


#60
Diethylphthalate
Concen: 38.539 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 2595505

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.6	10.2	15.4



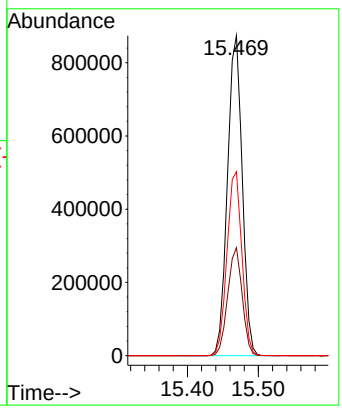


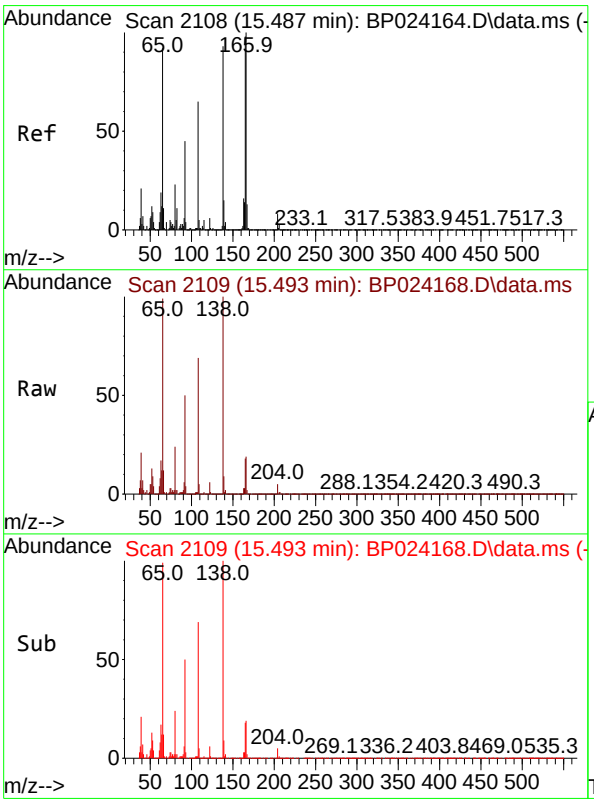
#61
4-Chlorophenyl-phenylether
Concen: 38.572 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:204 Resp: 1261005

Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.4	39.6
141	57.5	45.8	68.8

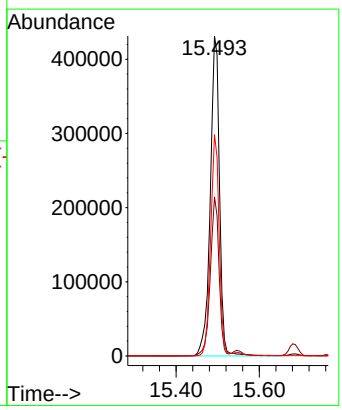


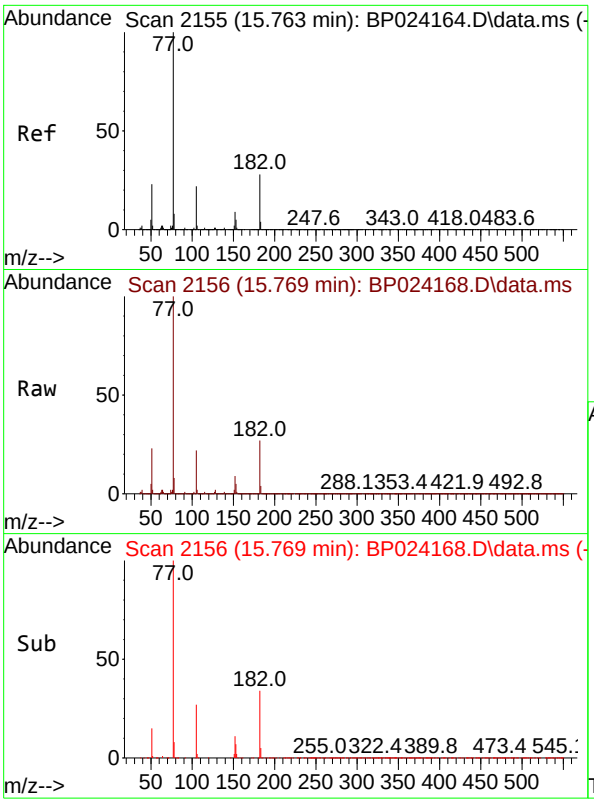


#62
4-Nitroaniline
Concen: 41.253 ng
RT: 15.493 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:138 Resp: 664956

Ion	Ratio	Lower	Upper
138	100		
92	49.7	28.7	68.7
108	69.1	49.5	89.5



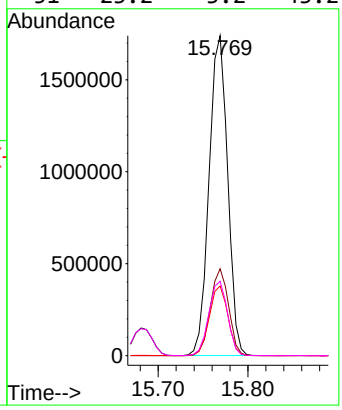


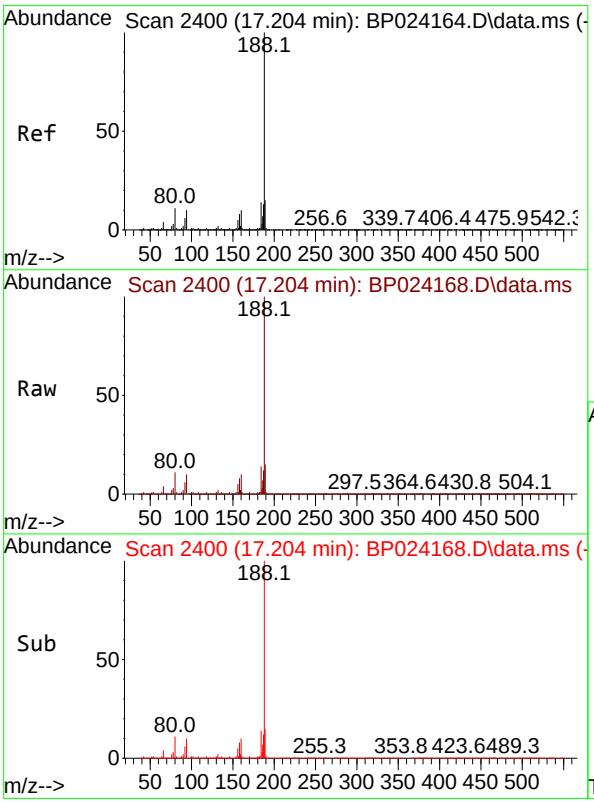
#63
Azobenzene
Concen: 39.347 ng
RT: 15.769 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 77 Resp: 2497600

Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.7	47.7
105	21.8	2.3	42.3
51	23.2	3.2	43.2

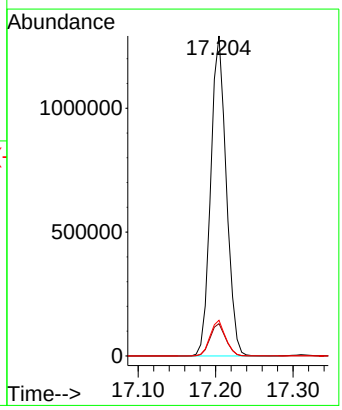


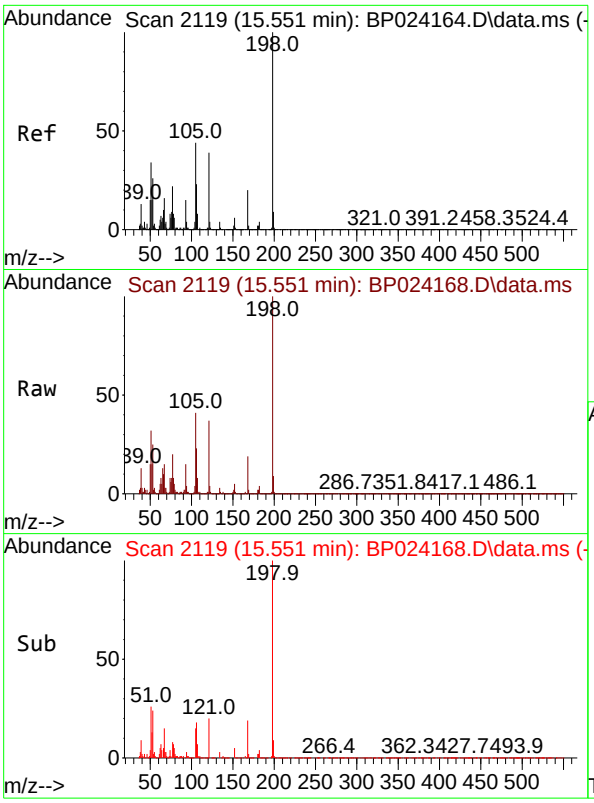


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:188 Resp: 1810172

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.1	8.9	13.3



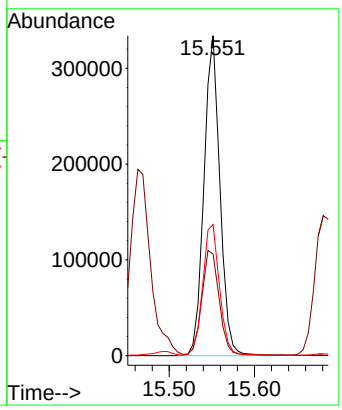


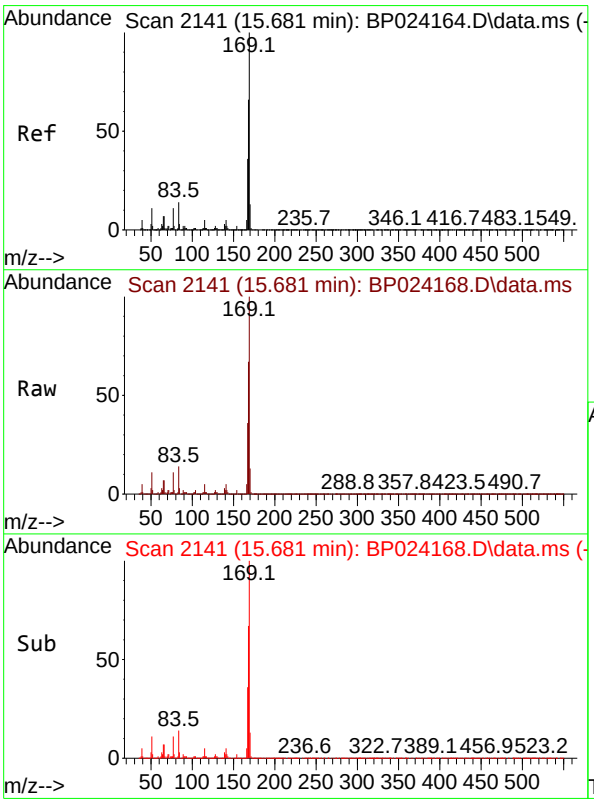
#65
4,6-Dinitro-2-methylphenol
Concen: 40.442 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:198 Resp: 434596

Ion	Ratio	Lower	Upper
198	100		
51	31.7	14.7	54.7
105	41.0	23.8	63.8

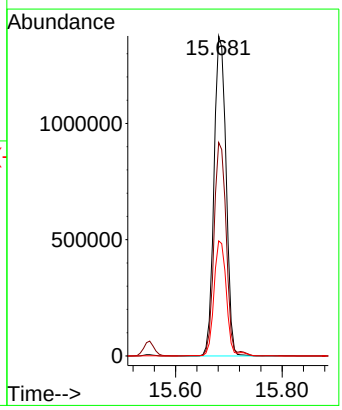


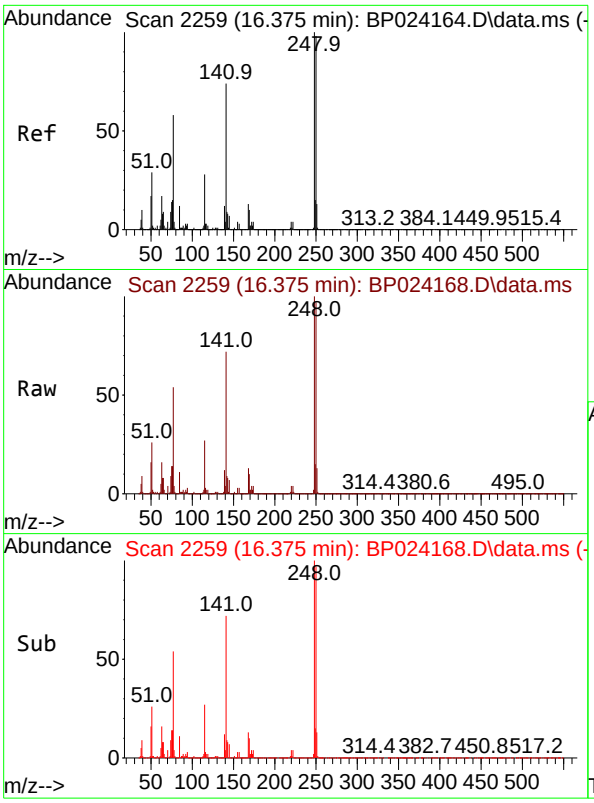


#66
n-Nitrosodiphenylamine
Concen: 39.234 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:169 Resp: 2156617

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.9	79.3
167	35.9	28.8	43.2



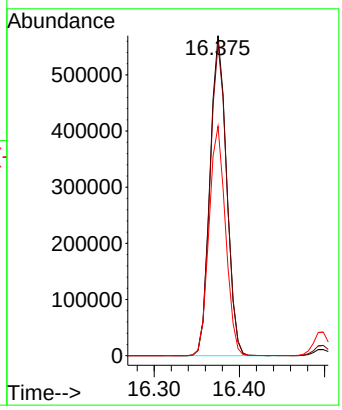


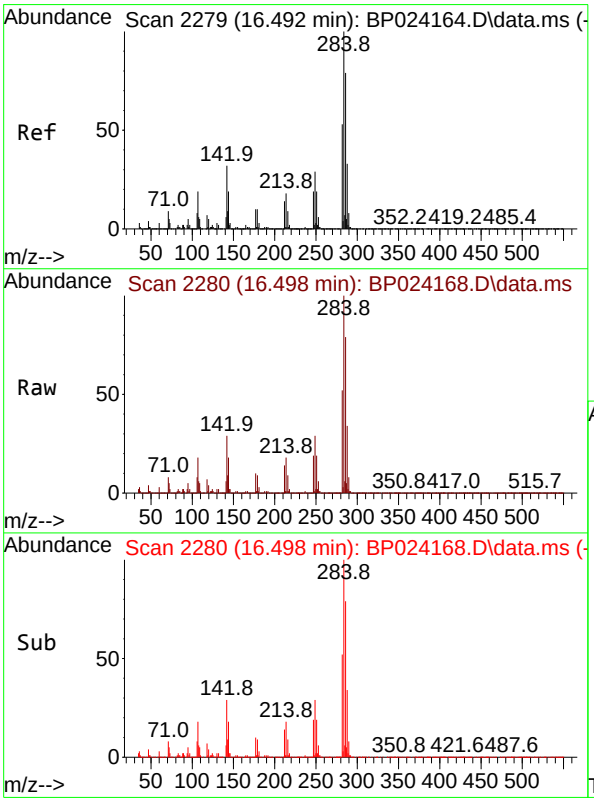
#67
4-Bromophenyl-phenylether
Concen: 38.892 ng
RT: 16.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:248 Resp: 772937

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	71.7	59.4	89.0

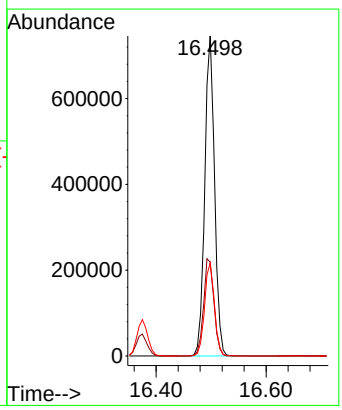


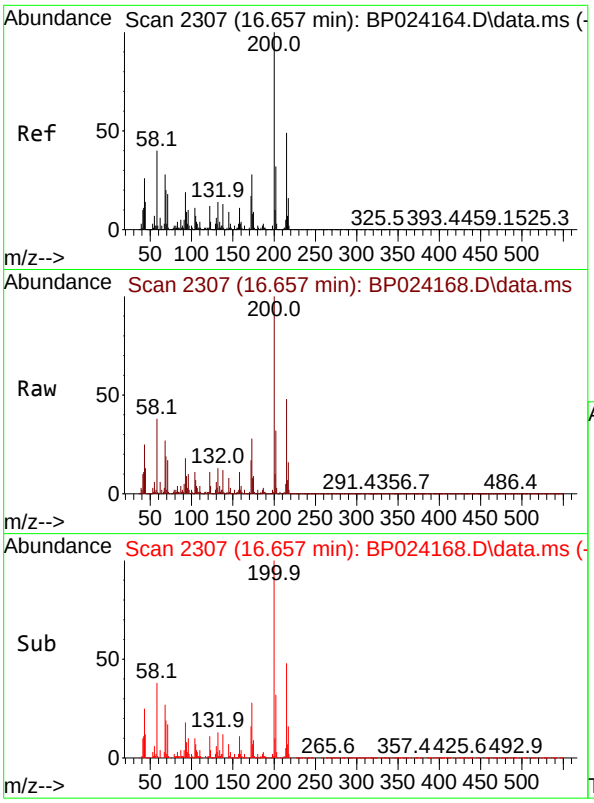


#68
Hexachlorobenzene
Concen: 39.073 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:284 Resp: 919105

Ion	Ratio	Lower	Upper
284	100		
142	29.3	25.4	38.2
249	29.1	23.5	35.3



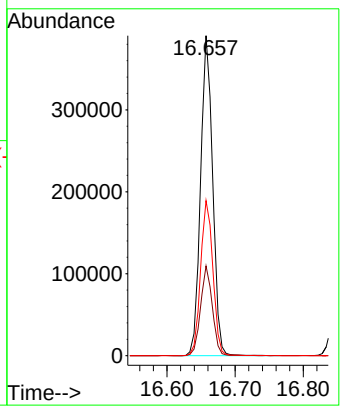


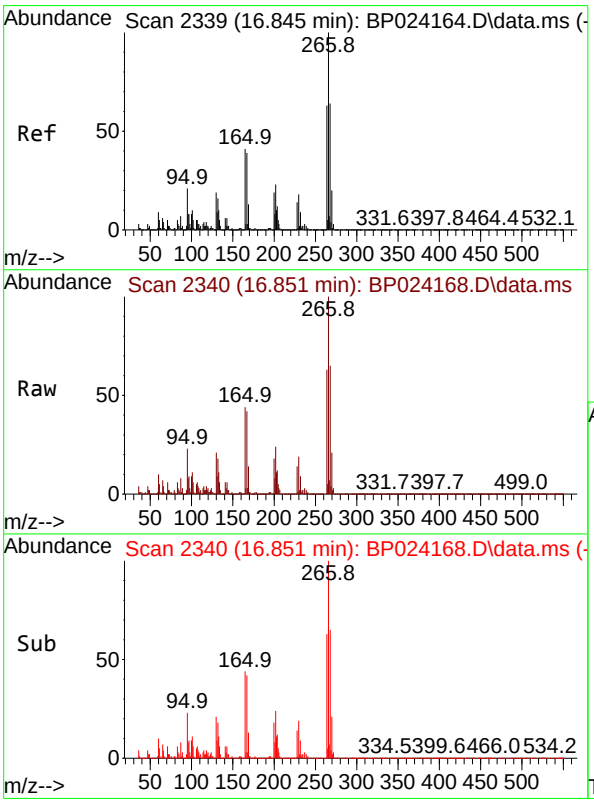
#69
Atrazine
Concen: 36.287 ng
RT: 16.657 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:200 Resp: 481443

Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.6	47.6
215	48.5	29.0	69.0

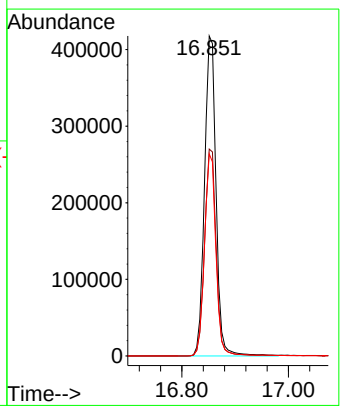


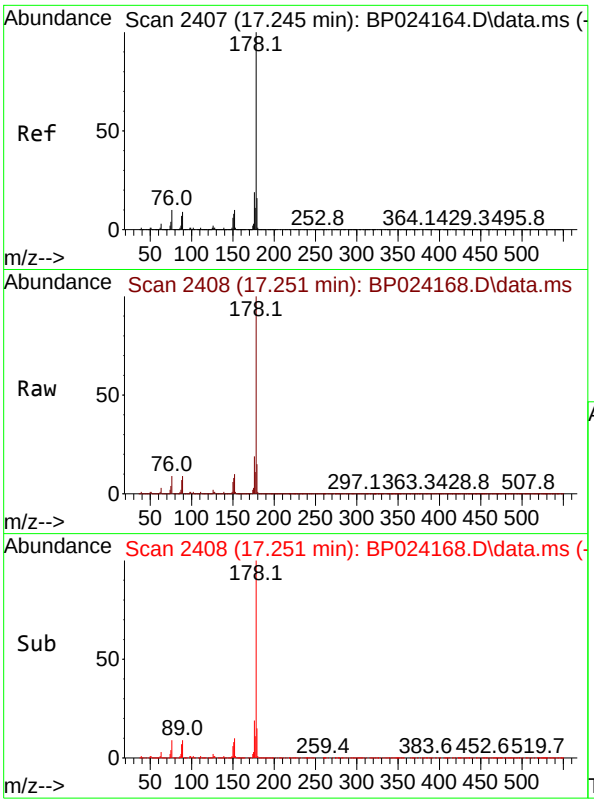


#70
Pentachlorophenol
Concen: 41.161 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:266 Resp: 626146

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.3	76.9
264	63.1	50.6	76.0



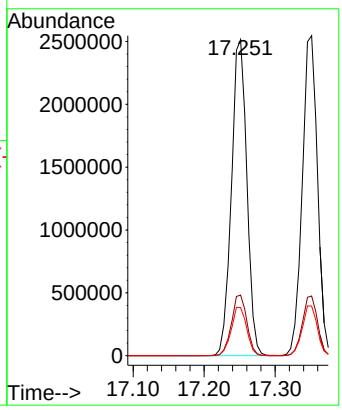


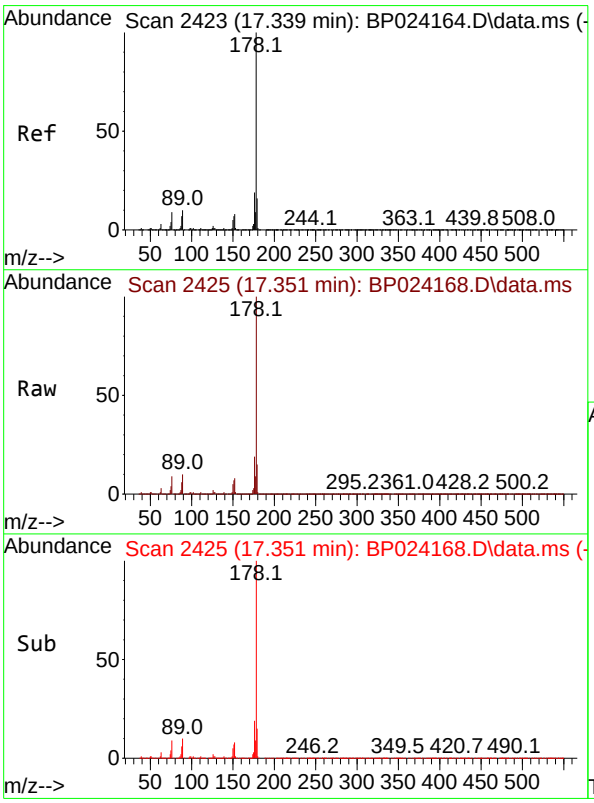
#71
Phenanthrene
Concen: 38.379 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:178 Resp: 3795212

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	12.5	18.7

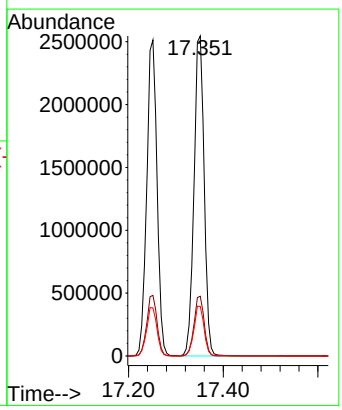


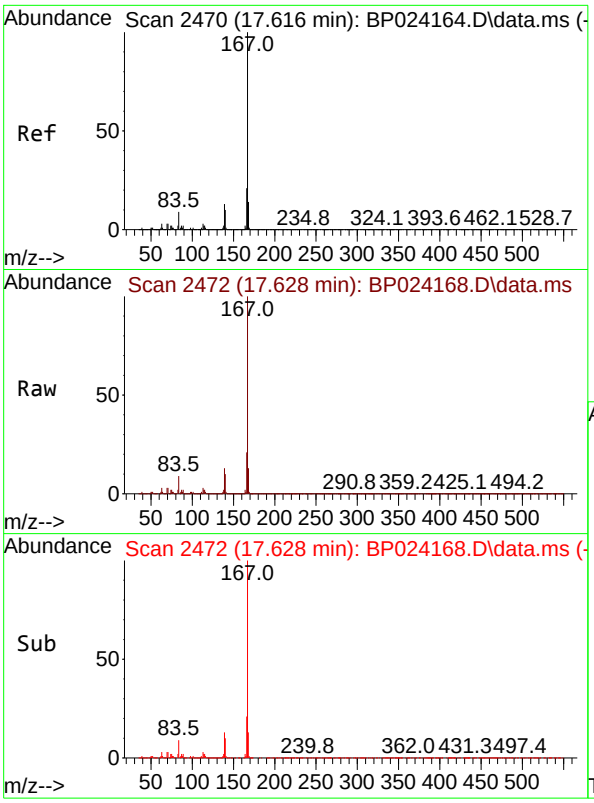


#72
Anthracene
Concen: 39.358 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:178 Resp: 3790779

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.5	12.6	18.8



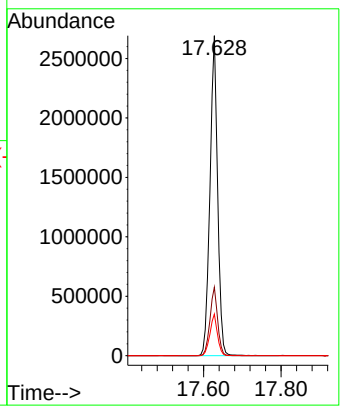


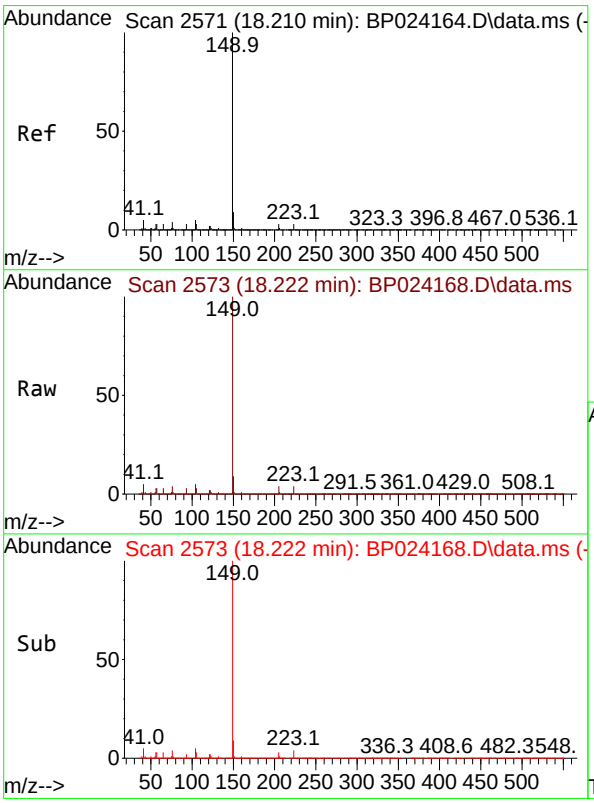
#73
Carbazole
Concen: 39.665 ng
RT: 17.628 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:167 Resp: 3684202

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.0	10.2	15.4

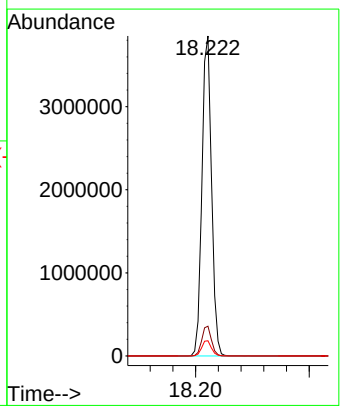


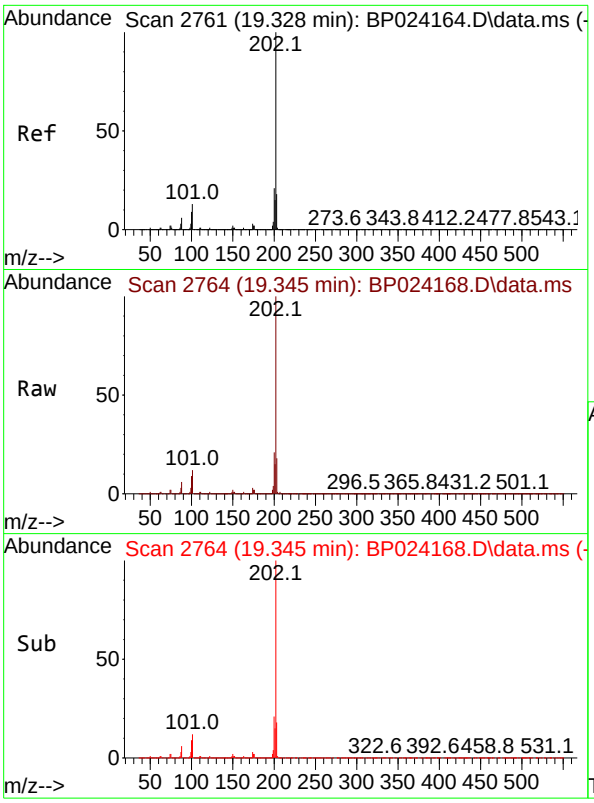


#74
Di-n-butylphthalate
Concen: 40.866 ng
RT: 18.222 min Scan# 2573
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 4505984

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.8	3.9	5.9



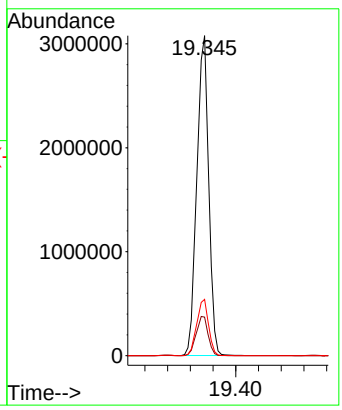


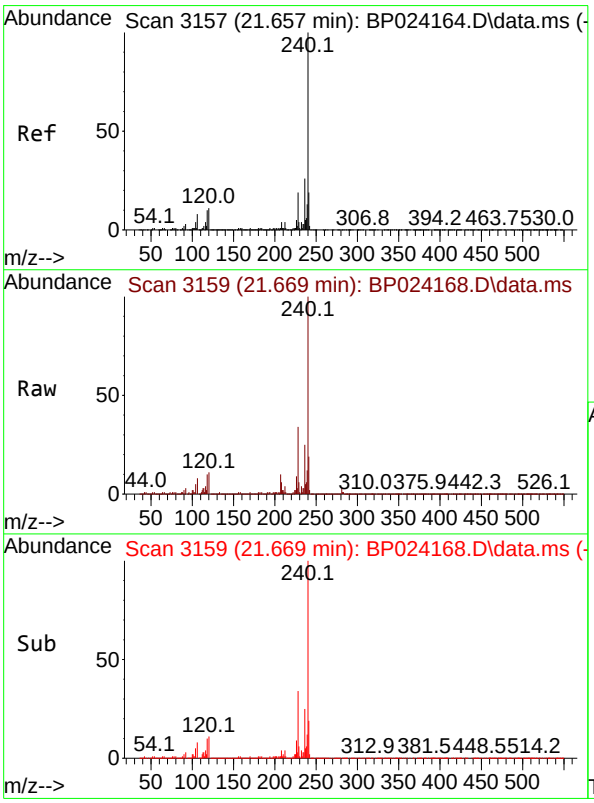
#75
Fluoranthene
Concen: 39.006 ng
RT: 19.345 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:202 Resp: 4467370

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.5
203	17.6	0.0	37.9

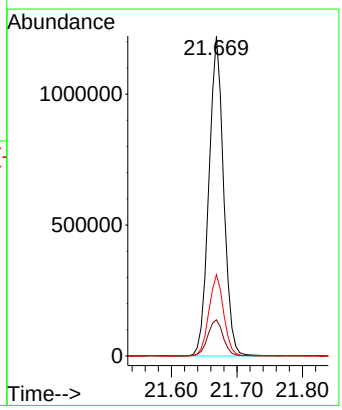


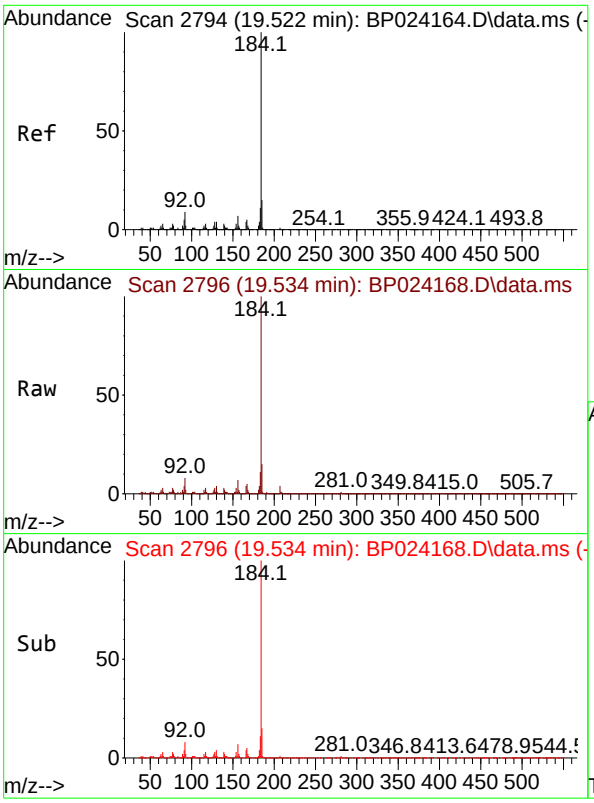


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3159
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:240 Resp: 1903114

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	25.4	20.4	30.6



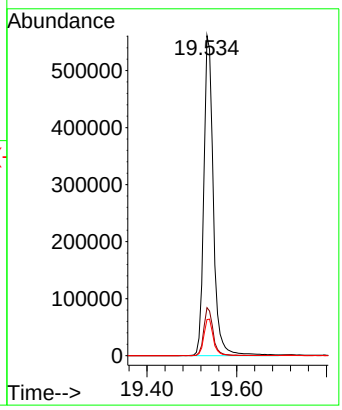


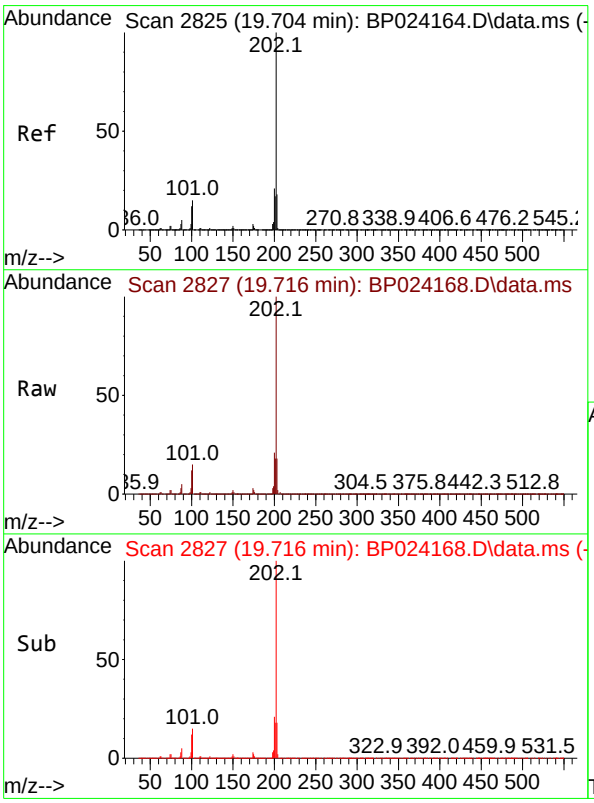
#77
Benzidine
Concen: 39.777 ng
RT: 19.534 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:184 Resp: 827654

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	11.3	9.1	13.7

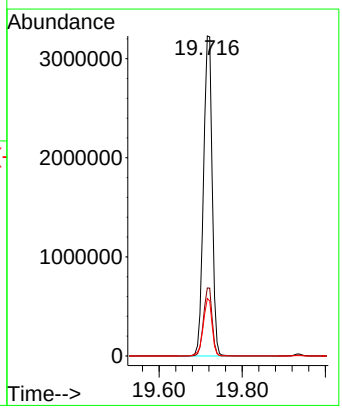


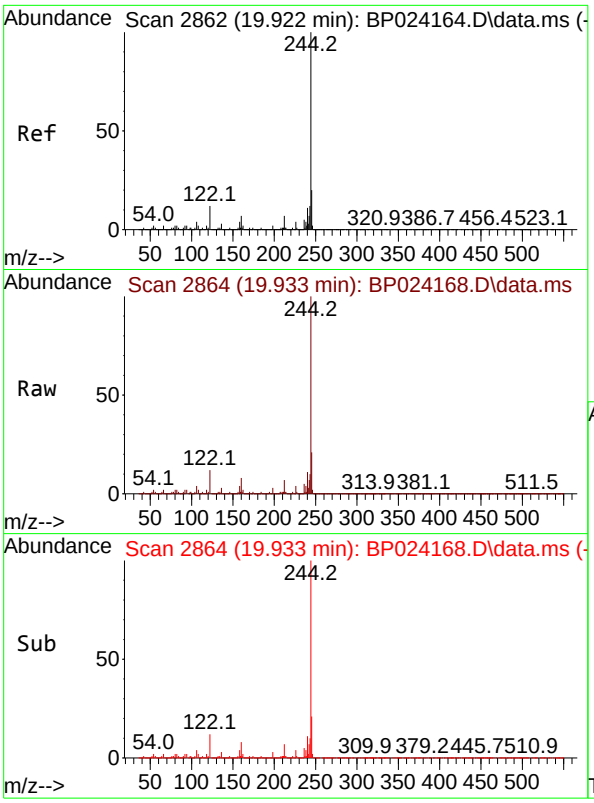


#78
Pyrene
Concen: 39.565 ng
RT: 19.716 min Scan# 2827
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:202 Resp: 4681182

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.9	14.2	21.4



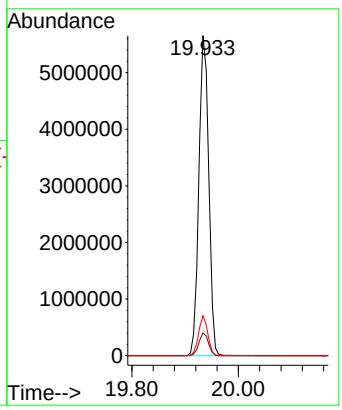


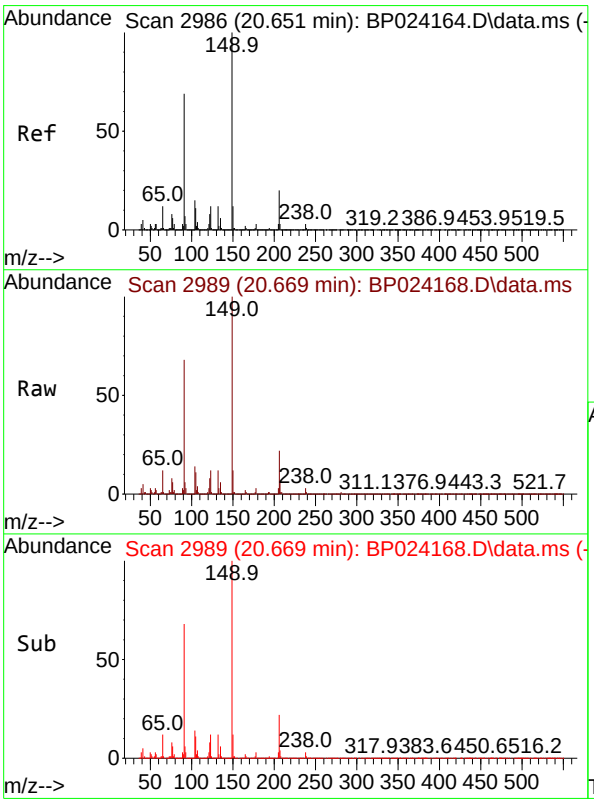
#79
Terphenyl-d14
Concen: 78.549 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:244 Resp: 7241807

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.5	9.6	14.4

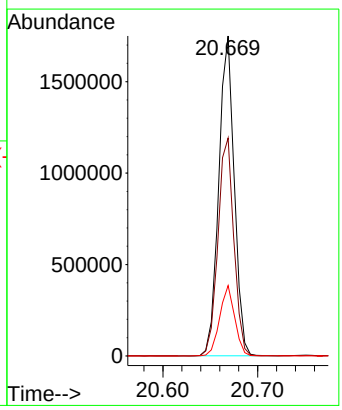


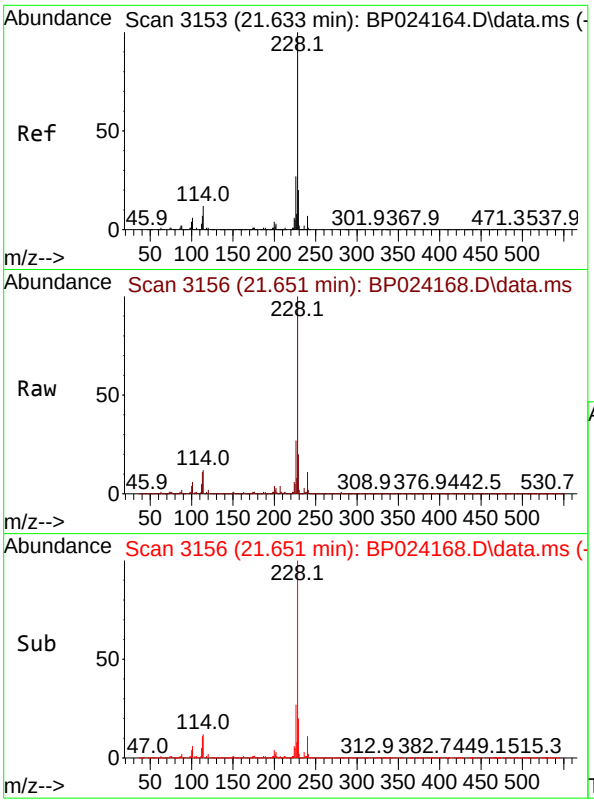


#80
Butylbenzylphthalate
Concen: 40.824 ng
RT: 20.669 min Scan# 2989
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 1991838

Ion	Ratio	Lower	Upper
149	100		
91	68.1	55.3	82.9
206	22.0	16.1	24.1



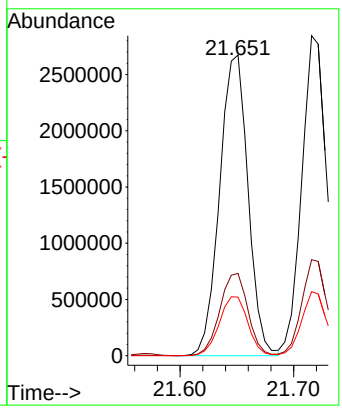


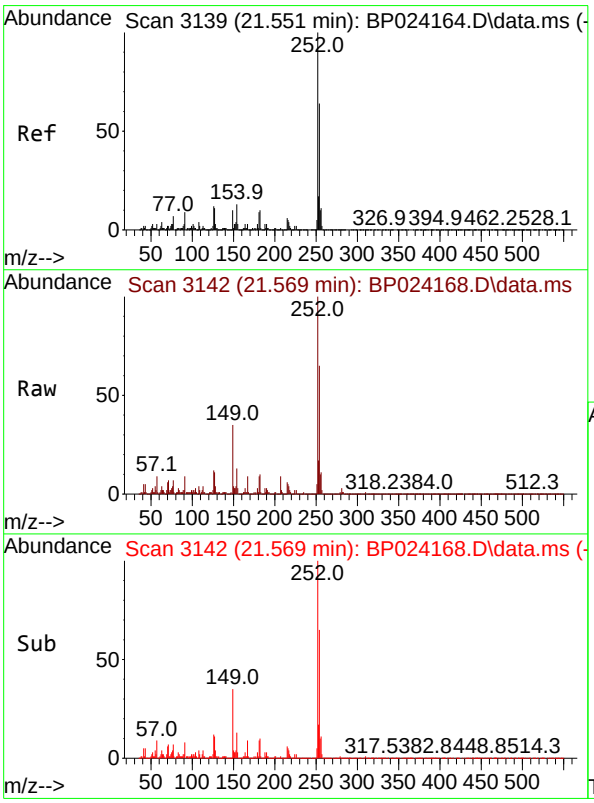
#81
Benzo(a)anthracene
Concen: 39.318 ng
RT: 21.651 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:228 Resp: 4652183

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.5	16.0	24.0

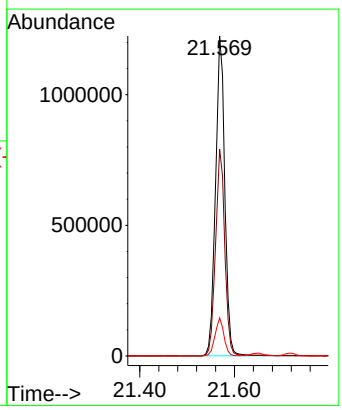


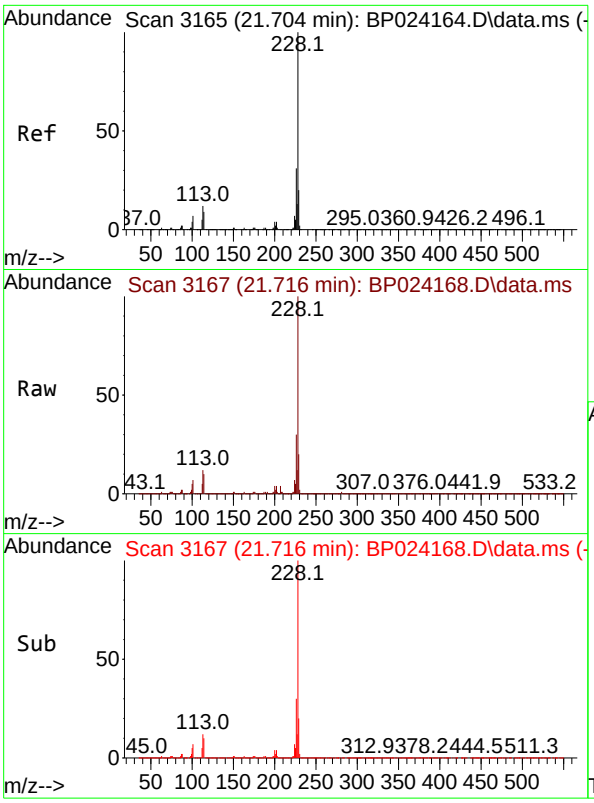


#82
3,3'-Dichlorobenzidine
Concen: 41.750 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:252 Resp: 1655655

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	11.9	9.3	13.9



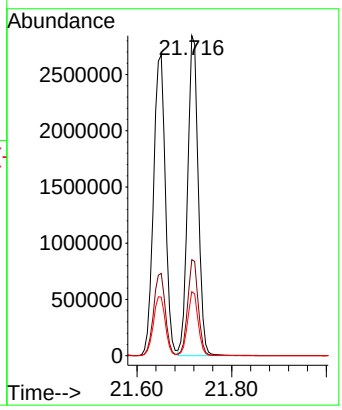


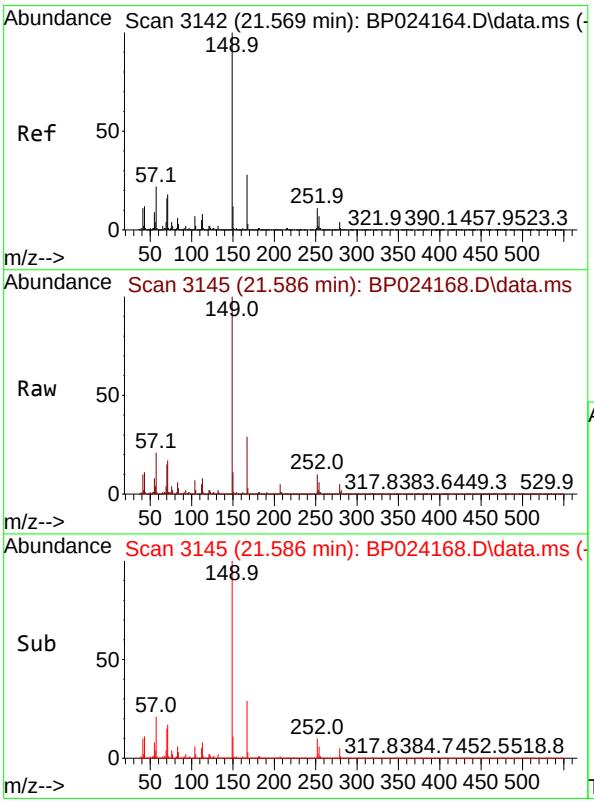
#83
Chrysene
Concen: 38.624 ng
RT: 21.716 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:228 Resp: 4393252

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	20.0	16.2	24.2

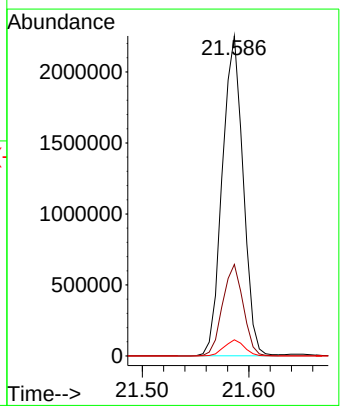


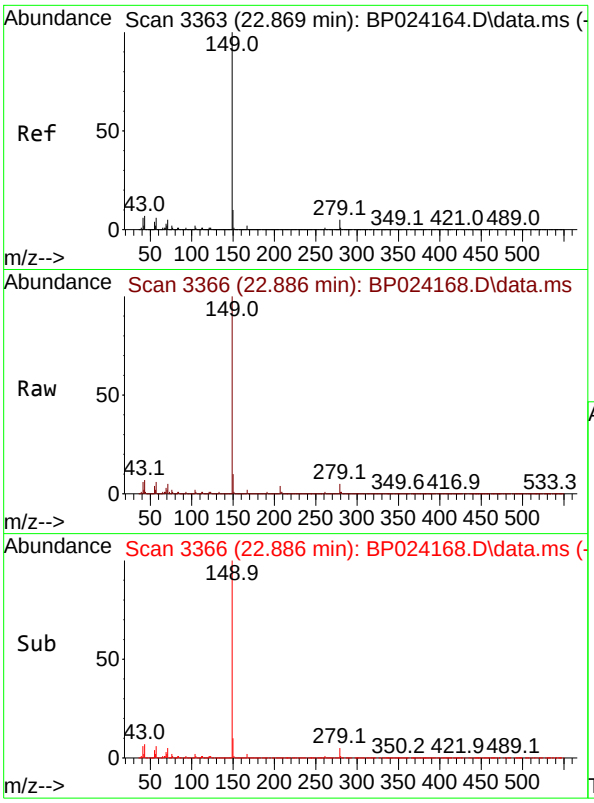


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.569 ng
RT: 21.586 min Scan# 3145
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 3060349

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.1	3.6	5.4



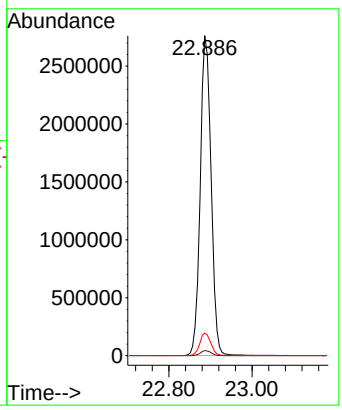


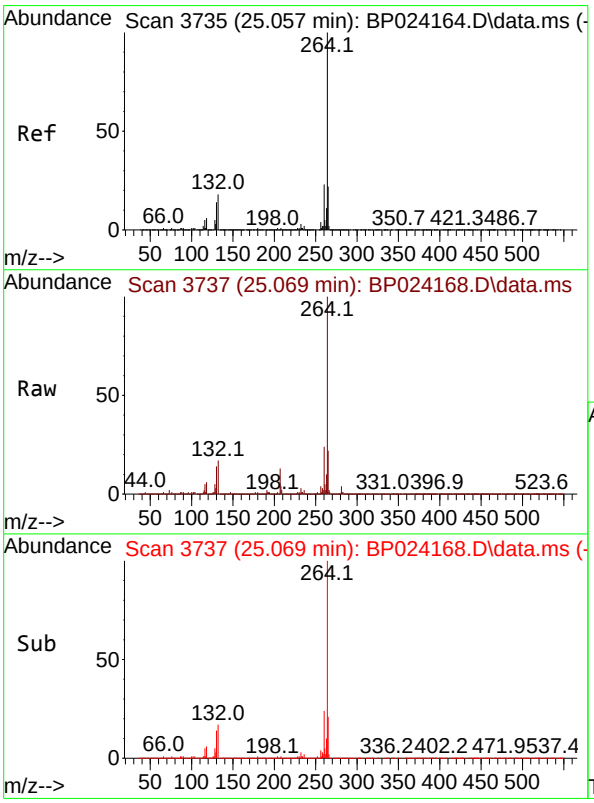
#85
Di-n-octyl phthalate
Concen: 42.452 ng
RT: 22.886 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:149 Resp: 5007462

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

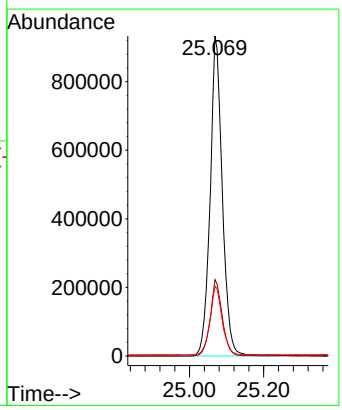


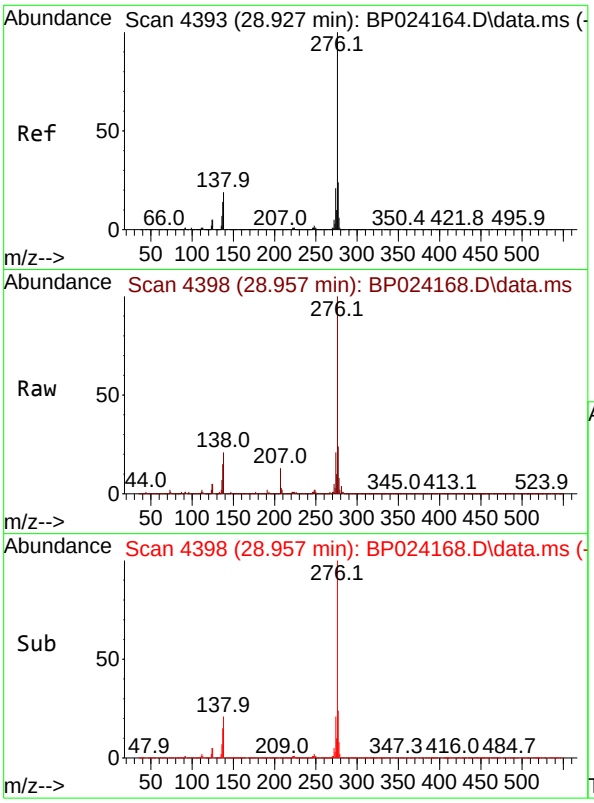


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.069 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:264 Resp: 2127367

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.8	17.7	26.5



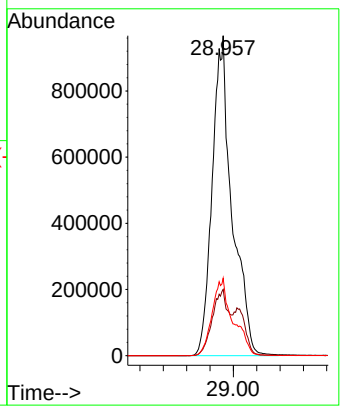


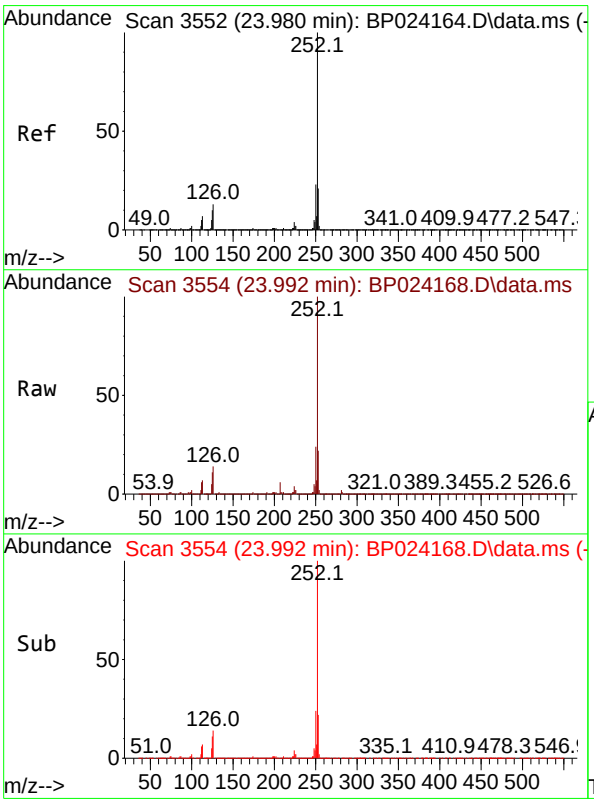
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.387 ng
RT: 28.957 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:276 Resp: 5699470

Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.7	20.5
277	25.3	20.2	30.2

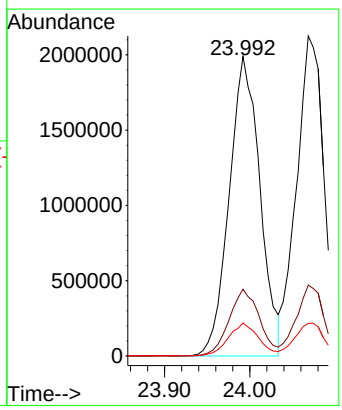


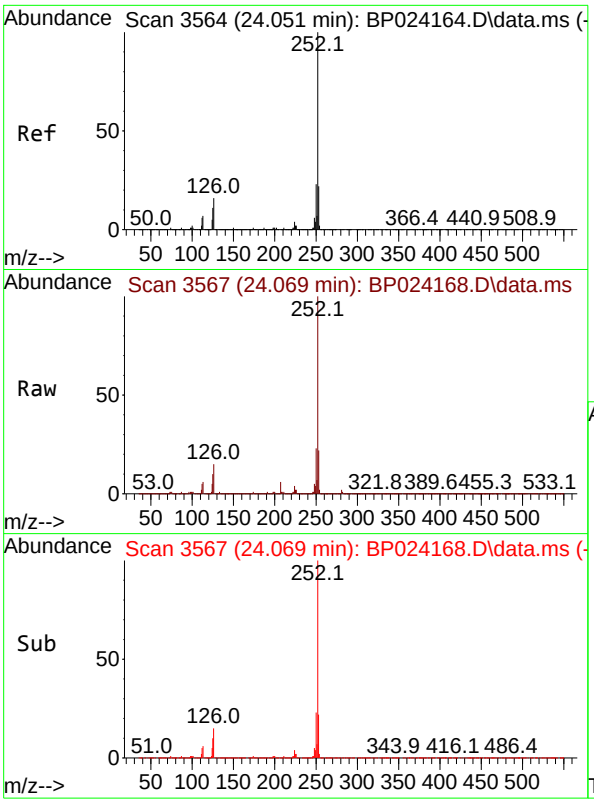


#88
Benzo(b)fluoranthene
Concen: 38.891 ng
RT: 23.992 min Scan# 3554
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:252 Resp: 4988392

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.0	8.2	12.4



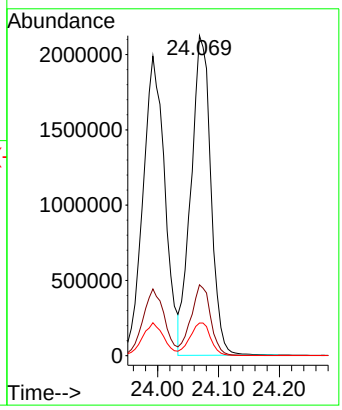


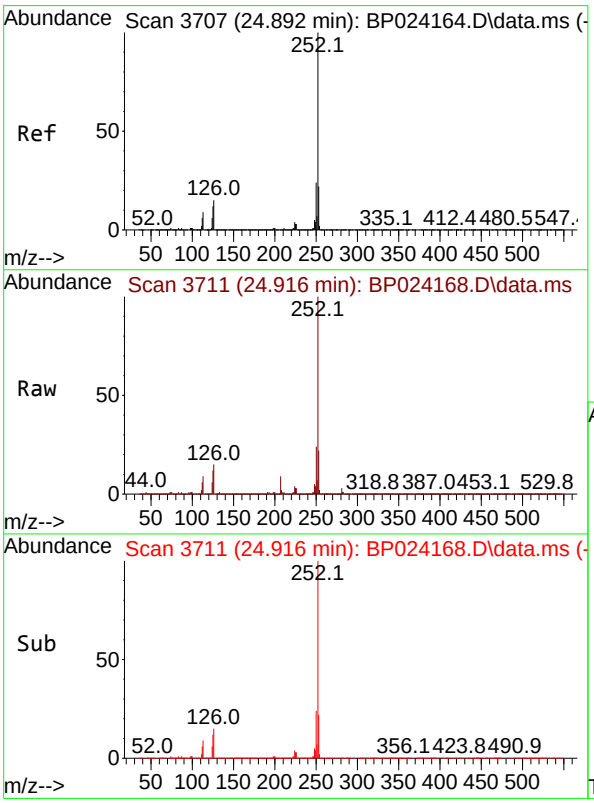
#89
Benzo(k)fluoranthene
Concen: 38.280 ng
RT: 24.069 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:252 Resp: 4803010

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.2	9.1	13.7

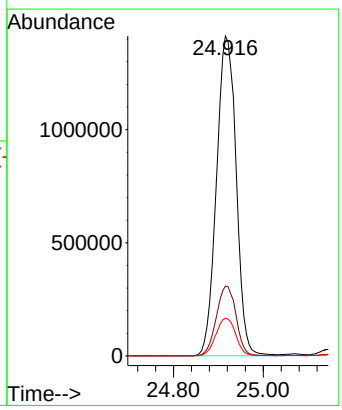


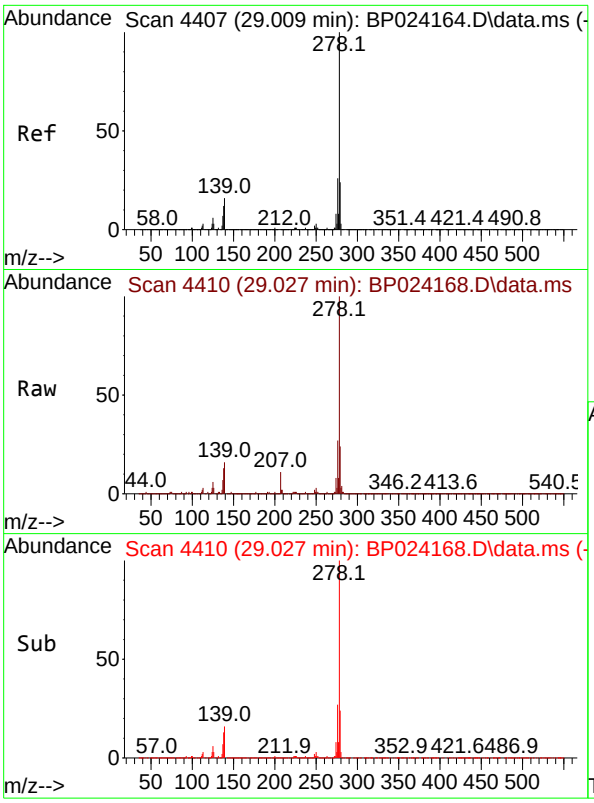


#90
Benzo(a)pyrene
Concen: 38.607 ng
RT: 24.916 min Scan# 3711
Delta R.T. 0.024 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:252 Resp: 4306060

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.8	9.6	14.4



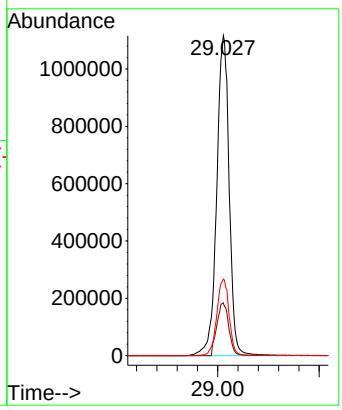


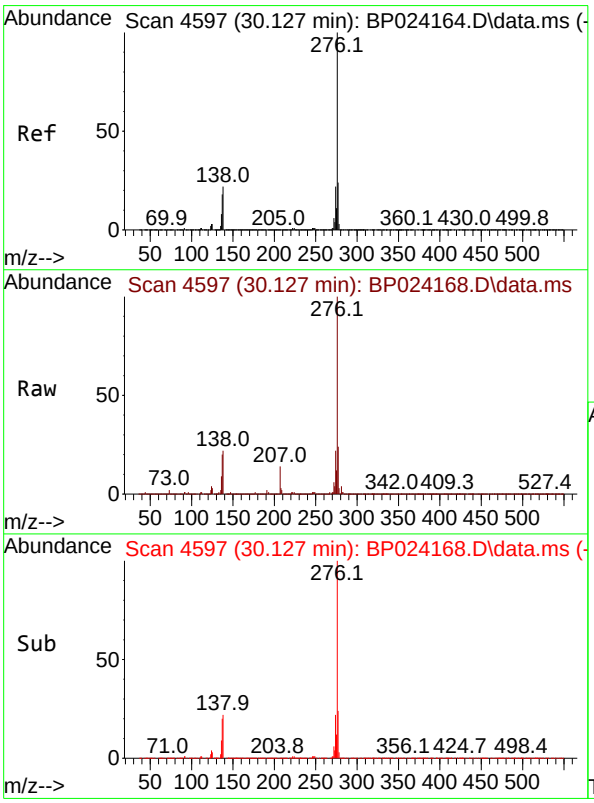
#91
Dibenzo(a,h)anthracene
Concen: 38.474 ng
RT: 29.027 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:278 Resp: 4752357

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.0	19.4
279	24.0	18.8	28.2

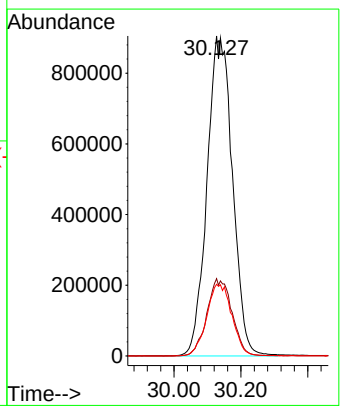




#92
Benzo(g,h,i)perylene
Concen: 38.087 ng m
RT: 30.127 min Scan# 4597
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:276 Resp: 4782473

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	22.4	17.4	26.2



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
2		1,4-Dioxane	0.497	0.470	5.4	105	0.00
3		Pyridine	1.358	1.314	3.2	105	0.00
4		n-Nitrosodimethylamine	0.454	0.438	3.5	106	0.00
5	S	2-Fluorophenol	1.253	1.225	2.2	106	0.00
6		Aniline	1.527	1.504	1.5	106	0.00
7	S	Phenol-d6	1.675	1.648	1.6	105	0.00
8		2-Chlorophenol	1.353	1.325	2.1	106	0.00
9		Benzaldehyde	0.809	0.816	-0.9	109	0.00
10	C	Phenol	1.691	1.644	2.8	105	0.00
11		bis(2-Chloroethyl)ether	1.334	1.274	4.5	104	0.00
12		1,3-Dichlorobenzene	1.459	1.399	4.1	105	0.00
13	C	1,4-Dichlorobenzene	1.490	1.414	5.1	104	0.00
14		1,2-Dichlorobenzene	1.430	1.363	4.7	105	0.00
15		Benzyl Alcohol	1.061	1.061	0.0	106	0.00
16		2,2'-oxybis(1-Chloropropane	1.361	1.305	4.1	105	0.00
17		2-Methylphenol	1.061	1.051	0.9	106	0.00
18		Hexachloroethane	0.529	0.510	3.6	105	0.00
19	P	n-Nitroso-di-n-propylamine	0.972	0.965	0.7	105	0.00
20		3+4-Methylphenols	1.457	1.444	0.9	105	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22		Acetophenone	0.506	0.488	3.6	104	0.00
23	S	Nitrobenzene-d5	0.354	0.349	1.4	105	0.00
24		Nitrobenzene	0.350	0.341	2.6	106	0.00
25		Isophorone	0.608	0.603	0.8	106	0.00
26	C	2-Nitrophenol	0.167	0.175	-4.8	109	0.00
27		2,4-Dimethylphenol	0.215	0.214	0.5	105	0.00
28		bis(2-Chloroethoxy)methane	0.427	0.413	3.3	105	0.00
29	C	2,4-Dichlorophenol	0.291	0.295	-1.4	105	0.00
30		1,2,4-Trichlorobenzene	0.321	0.307	4.4	104	0.00
31		Naphthalene	1.060	1.013	4.4	104	0.00
32		Benzoic acid	0.209	0.228	-9.1	111	0.00
33		4-Chloroaniline	0.379	0.375	1.1	105	0.00
34	C	Hexachlorobutadiene	0.185	0.179	3.2	106	0.00
35		Caprolactam	0.095	0.097	-2.1	106	0.00
36	C	4-Chloro-3-methylphenol	0.313	0.311	0.6	105	0.00
37		2-Methylnaphthalene	0.716	0.694	3.1	105	0.00
38		1-Methylnaphthalene	0.697	0.677	2.9	107	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.564	2.4	105	0.00
41	P	Hexachlorocyclopentadiene	0.208	0.214	-2.9	105	0.00
42	S	2,4,6-Tribromophenol	0.252	0.257	-2.0	106	0.00
43	C	2,4,6-Trichlorophenol	0.367	0.376	-2.5	105	0.00
44		2,4,5-Trichlorophenol	0.403	0.413	-2.5	105	0.00
45	S	2-Fluorobiphenyl	1.356	1.321	2.6	104	0.00
46		1,1'-Biphenyl	1.503	1.460	2.9	104	0.00
47		2-Chloronaphthalene	1.130	1.102	2.5	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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	106	0.00
49		Acenaphthylene	1.710	1.679	1.8	105	0.00
50		Dimethylphthalate	1.399	1.349	3.6	103	0.00
51		2,6-Dinitrotoluene	0.294	0.292	0.7	103	0.00
52	C	Acenaphthene	1.093	1.062	2.8	104	0.00
53		3-Nitroaniline	0.318	0.324	-1.9	104	0.00
54	P	2,4-Dinitrophenol	0.156	0.167	-7.1	108	0.00
55		Dibenzofuran	1.770	1.693	4.4	103	0.00
56	P	4-Nitrophenol	0.266	0.281	-5.6	105	0.00
57		2,4-Dinitrotoluene	0.389	0.400	-2.8	105	0.00
58		Fluorene	1.379	1.347	2.3	104	0.00
59		2,3,4,6-Tetrachlorophenol	0.356	0.355	0.3	103	0.00
60		Diethylphthalate	1.394	1.343	3.7	103	0.00
61		4-Chlorophenyl-phenylether	0.676	0.652	3.6	103	0.00
62		4-Nitroaniline	0.334	0.344	-3.0	104	0.00
63		Azobenzene	1.314	1.292	1.7	104	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.120	-0.8	105	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.596	1.8	105	0.00
67		4-Bromophenyl-phenylether	0.220	0.213	3.2	104	0.00
68		Hexachlorobenzene	0.260	0.254	2.3	105	0.00
69		Atrazine	0.147	0.133	9.5	103	0.00
70	C	Pentachlorophenol	0.168	0.173	-3.0	103	0.00
71		Phenanthrene	1.093	1.048	4.1	102	0.00
72		Anthracene	1.064	1.047	1.6	104	0.01
73		Carbazole	1.026	1.018	0.8	103	0.01
74		Di-n-butylphthalate	1.218	1.245	-2.2	104	0.01
75	C	Fluoranthene	1.265	1.234	2.5	103	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	101	0.01
77		Benzidine	0.219	0.217	0.9	85	0.01
78		Pyrene	1.243	1.230	1.0	103	0.01
79	S	Terphenyl-d14	0.969	0.951	1.9	102	0.01
80		Butylbenzylphthalate	0.513	0.523	-1.9	101	0.02
81		Benzo(a)anthracene	1.243	1.222	1.7	102	0.02
82		3,3'-Dichlorobenzidine	0.417	0.435	-4.3	103	0.02
83		Chrysene	1.195	1.154	3.4	101	0.01
84		Bis(2-ethylhexyl)phthalate	0.774	0.804	-3.9	103	0.02
85	c	Di-n-octyl phthalate	1.240	1.316	-6.1	105	0.02
86	I	Perylene-d12	1.000	1.000	0.0	104	0.01
87		Indeno(1,2,3-cd)pyrene	1.396	1.340	4.0	102	0.03
88		Benzo(b)fluoranthene	1.206	1.172	2.8	103	0.01
89		Benzo(k)fluoranthene	1.180	1.129	4.3	104	0.02
90	C	Benzo(a)pyrene	1.049	1.012	3.5	102	0.02
91		Dibenzo(a,h)anthracene	1.161	1.117	3.8	102	0.02
92		Benzo(g,h,i)perylene	1.180	1.124	4.7	101	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	104	0.00
2		1,4-Dioxane	40.000	37.880	5.3	105	0.00
3		Pyridine	40.000	38.718	3.2	105	0.00
4		n-Nitrosodimethylamine	40.000	38.646	3.4	106	0.00
5	S	2-Fluorophenol	80.000	78.230	2.2	106	0.00
6		Aniline	40.000	39.413	1.5	106	0.00
7	S	Phenol-d6	80.000	78.704	1.6	105	0.00
8		2-Chlorophenol	40.000	39.149	2.1	106	0.00
9		Benzaldehyde	40.000	40.389	-1.0	109	0.00
10	C	Phenol	40.000	38.869	2.8	105	0.00
11		bis(2-Chloroethyl)ether	40.000	38.203	4.5	104	0.00
12		1,3-Dichlorobenzene	40.000	38.353	4.1	105	0.00
13	C	1,4-Dichlorobenzene	40.000	37.960	5.1	104	0.00
14		1,2-Dichlorobenzene	40.000	38.116	4.7	105	0.00
15		Benzyl Alcohol	40.000	39.999	0.0	106	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.356	4.1	105	0.00
17		2-Methylphenol	40.000	39.636	0.9	106	0.00
18		Hexachloroethane	40.000	38.587	3.5	105	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.697	0.8	105	0.00
20		3+4-Methylphenols	40.000	39.629	0.9	105	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22		Acetophenone	40.000	38.611	3.5	104	0.00
23	S	Nitrobenzene-d5	80.000	78.652	1.7	105	0.00
24		Nitrobenzene	40.000	39.045	2.4	106	0.00
25		Isophorone	40.000	39.677	0.8	106	0.00
26	C	2-Nitrophenol	40.000	41.892	-4.7	109	0.00
27		2,4-Dimethylphenol	40.000	39.779	0.6	105	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.608	3.5	105	0.00
29	C	2,4-Dichlorophenol	40.000	40.558	-1.4	105	0.00
30		1,2,4-Trichlorobenzene	40.000	38.264	4.3	104	0.00
31		Naphthalene	40.000	38.223	4.4	104	0.00
32		Benzoic acid	40.000	43.618	-9.0	111	0.00
33		4-Chloroaniline	40.000	39.499	1.3	105	0.00
34	C	Hexachlorobutadiene	40.000	38.854	2.9	106	0.00
35		Caprolactam	40.000	40.859	-2.1	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.702	0.7	105	0.00
37		2-Methylnaphthalene	40.000	38.762	3.1	105	0.00
38		1-Methylnaphthalene	40.000	38.874	2.8	107	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.988	2.5	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.026	-2.6	105	0.00
42	S	2,4,6-Tribromophenol	80.000	81.766	-2.2	106	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.950	-2.4	105	0.00
44		2,4,5-Trichlorophenol	40.000	40.985	-2.5	105	0.00
45	S	2-Fluorobiphenyl	80.000	77.885	2.6	104	0.00
46		1,1'-Biphenyl	40.000	38.846	2.9	104	0.00
47		2-Chloronaphthalene	40.000	39.006	2.5	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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	41.137	-2.8	106	0.00
49		Acenaphthylene	40.000	39.262	1.8	105	0.00
50		Dimethylphthalate	40.000	38.548	3.6	103	0.00
51		2,6-Dinitrotoluene	40.000	39.611	1.0	103	0.00
52	C	Acenaphthene	40.000	38.881	2.8	104	0.00
53		3-Nitroaniline	40.000	40.719	-1.8	104	0.00
54	P	2,4-Dinitrophenol	40.000	42.791	-7.0	108	0.00
55		Dibenzofuran	40.000	38.264	4.3	103	0.00
56	P	4-Nitrophenol	40.000	42.293	-5.7	105	0.00
57		2,4-Dinitrotoluene	40.000	41.106	-2.8	105	0.00
58		Fluorene	40.000	39.061	2.3	104	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.844	0.4	103	0.00
60		Diethylphthalate	40.000	38.539	3.7	103	0.00
61		4-Chlorophenyl-phenylether	40.000	38.572	3.6	103	0.00
62		4-Nitroaniline	40.000	41.253	-3.1	104	0.00
63		Azobenzene	40.000	39.347	1.6	104	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.442	-1.1	105	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.234	1.9	105	0.00
67		4-Bromophenyl-phenylether	40.000	38.892	2.8	104	0.00
68		Hexachlorobenzene	40.000	39.073	2.3	105	0.00
69		Atrazine	40.000	36.287	9.3	103	0.00
70	C	Pentachlorophenol	40.000	41.161	-2.9	103	0.00
71		Phenanthrene	40.000	38.379	4.1	102	0.00
72		Anthracene	40.000	39.358	1.6	104	0.01
73		Carbazole	40.000	39.665	0.8	103	0.01
74		Di-n-butylphthalate	40.000	40.866	-2.2	104	0.01
75	C	Fluoranthene	40.000	39.006	2.5	103	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	101	0.01
77		Benzidine	40.000	39.777	0.6	85	0.01
78		Pyrene	40.000	39.565	1.1	103	0.01
79	S	Terphenyl-d14	80.000	78.549	1.8	102	0.01
80		Butylbenzylphthalate	40.000	40.824	-2.1	101	0.02
81		Benzo(a)anthracene	40.000	39.318	1.7	102	0.02
82		3,3'-Dichlorobenzidine	40.000	41.750	-4.4	103	0.02
83		Chrysene	40.000	38.624	3.4	101	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	41.569	-3.9	103	0.02
85	c	Di-n-octyl phthalate	40.000	42.452	-6.1	105	0.02
86	I	Perylene-d12	20.000	20.000	0.0	104	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	38.387	4.0	102	0.03
88		Benzo(b)fluoranthene	40.000	38.891	2.8	103	0.01
89		Benzo(k)fluoranthene	40.000	38.280	4.3	104	0.02
90	C	Benzo(a)pyrene	40.000	38.607	3.5	102	0.02
91		Dibenzo(a,h)anthracene	40.000	38.474	3.8	102	0.02
92		Benzo(g,h,i)perylene	40.000	38.087	4.8	101	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG No.: Q1730

Instrument ID: BNA_P Calibration Date/Time: 04/08/2025 13:43

Lab File ID: BP024211.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.253	1.293		3.2	
Phenol-d6	1.675	1.657		-1.1	
Nitrobenzene-d5	0.354	0.367		3.7	
Naphthalene	1.060	1.066		0.6	
2-Methylnaphthalene	0.716	0.703		-1.8	
2-Fluorobiphenyl	1.356	1.391		2.6	
Acenaphthylene	1.710	1.779		4.0	
Acenaphthene	1.093	1.197		9.5	20.0
Fluorene	1.379	1.354		-1.8	
2,4,6-Tribromophenol	0.252	0.242		-4.0	
Phenanthrene	1.093	1.105		1.1	
Anthracene	1.064	1.091		2.5	
Fluoranthene	1.265	1.170		-7.5	20.0
Pyrene	1.243	1.380		11.0	
Terphenyl-d14	0.969	1.063		9.7	
Benzo(a)anthracene	1.243	1.298		4.4	
Chrysene	1.195	1.230		2.9	
Benzo(b)fluoranthene	1.206	1.225		1.6	
Benzo(k)fluoranthene	1.180	1.221		3.5	
Benzo(a)pyrene	1.049	1.078		2.8	20.0
Indeno(1,2,3-cd)pyrene	1.396	1.547		10.8	
Dibenzo(a,h)anthracene	1.161	1.290		11.1	
Benzo(g,h,i)perylene	1.180	1.329		12.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	417672	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1599401	20.000	ng	-0.04
39) Acenaphthene-d10	14.387	164	884782	20.000	ng	-0.02
64) Phenanthrene-d10	17.204	188	1496179	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1314875	20.000	ng	0.00
86) Perylene-d12	25.045	264	1482251	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2160051	82.554	ng	-0.03
7) Phenol-d6	6.922	99	2767509	79.095	ng	-0.03
23) Nitrobenzene-d5	8.887	82	2351089	82.938	ng	-0.04
42) 2,4,6-Tribromophenol	15.910	330	855806	76.789	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	4921252	82.015	ng	-0.02
79) Terphenyl-d14	19.933	244	5589029	87.742	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	446474	43.047	ng	98
3) Pyridine	3.693	79	1138803	40.164	ng	98
4) n-Nitrosodimethylamine	3.599	42	387336	40.895	ng	98
6) Aniline	7.075	93	1232979	38.677	ng	99
8) 2-Chlorophenol	7.311	128	1128182	39.918	ng	98
9) Benzaldehyde	6.893	77	718139	42.530	ng	98
10) Phenol	6.946	94	1391750	39.401	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	1103890	39.629	ng	99
12) 1,3-Dichlorobenzene	7.628	146	1222363	40.107	ng	100
13) 1,4-Dichlorobenzene	7.775	146	1241956	39.910	ng	99
14) 1,2-Dichlorobenzene	8.087	146	1172482	39.263	ng	99
15) Benzyl Alcohol	7.975	79	859059	38.780	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.264	45	1159861	40.798	ng	97
17) 2-Methylphenol	8.181	107	862191	38.925	ng	99
18) Hexachloroethane	8.811	117	447680	40.550	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	783983	38.622	ng	99
20) 3+4-Methylphenols	8.505	107	1173563	38.565	ng	100
22) Acetophenone	8.552	105	1622693	40.130	ng	99
24) Nitrobenzene	8.928	77	1155357	41.315	ng	99
25) Isophorone	9.452	82	1954970	40.232	ng	99
26) 2-Nitrophenol	9.634	139	552969	41.396	ng	98
27) 2,4-Dimethylphenol	9.699	122	690386	40.194	ng	100
28) bis(2-Chloroethoxy)met...	9.928	93	1382312	40.436	ng	100
29) 2,4-Dichlorophenol	10.169	162	945582	40.695	ng	99
30) 1,2,4-Trichlorobenzene	10.381	180	1037774	40.425	ng	100
31) Naphthalene	10.569	128	3408979	40.209	ng	100
32) Benzoic acid	9.846	122	652890	38.975	ng	97
33) 4-Chloroaniline	10.681	127	1178228	38.833	ng	99
34) Hexachlorobutadiene	10.852	225	597628	40.450	ng	99
35) Caprolactam	11.469	113	276797	36.348	ng	98
36) 4-Chloro-3-methylphenol	11.810	107	988672	39.442	ng	99
37) 2-Methylnaphthalene	12.187	142	2247240	39.235	ng	99
38) 1-Methylnaphthalene	12.399	142	2181412	39.157	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1069066	41.799	ng	99
41) Hexachlorocyclopentadiene	12.540	237	387852	42.069	ng	99
43) 2,4,6-Trichlorophenol	12.799	196	687273	42.283	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	735015	41.234	ng	98
46) 1,1'-Biphenyl	13.204	154	2760283	41.516	ng	99
47) 2-Chloronaphthalene	13.252	162	2062992	41.252	ng	99
48) 2-Nitroaniline	13.451	65	545965	42.683	ng	95
49) Acenaphthylene	14.104	152	3148144	41.603	ng	100
50) Dimethylphthalate	13.846	163	2411403	38.950	ng	99
51) 2,6-Dinitrotoluene	13.957	165	524662	40.278	ng	100
52) Acenaphthene	14.451	154	2118846m	43.825	ng	
53) 3-Nitroaniline	14.293	138	549621	39.066	ng	96
54) 2,4-Dinitrophenol	14.504	184	263202	38.187	ng	96
55) Dibenzofuran	14.793	168	3145411	40.164	ng	99
56) 4-Nitrophenol	14.616	139	438355	37.289	ng	93
57) 2,4-Dinitrotoluene	14.757	165	675950	39.285	ng	98
58) Fluorene	15.457	166	2395113	39.253	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	615718	39.095	ng	99
60) Diethylphthalate	15.240	149	2380475	38.612	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1177747	39.353	ng	99
62) 4-Nitroaniline	15.481	138	550942	37.337	ng	98
63) Azobenzene	15.757	77	2396479	41.241	ng	99
65) 4,6-Dinitro-2-methylph...	15.540	198	355454	40.019	ng	98
66) n-Nitrosodiphenylamine	15.675	169	1960186	43.144	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	708196	43.113	ng	97
68) Hexachlorobenzene	16.493	284	817684	42.056	ng	100
69) Atrazine	16.651	200	299567	27.317	ng	99
70) Pentachlorophenol	16.845	266	526505	41.875	ng	99
71) Phenanthrene	17.245	178	3307863	40.470	ng	100
72) Anthracene	17.334	178	3265969	41.026	ng	100
73) Carbazole	17.616	167	3000148	39.079	ng	100
74) Di-n-butylphthalate	18.216	149	3586861	39.357	ng	99
75) Fluoranthene	19.328	202	3500245	36.976	ng	99
77) Benzidine	19.534	184	663514	46.154	ng	100
78) Pyrene	19.704	202	3629606	44.402	ng	99
80) Butylbenzylphthalate	20.657	149	1425388	42.284	ng	100
81) Benzo(a)anthracene	21.633	228	3412419	41.743	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	1139237	41.580	ng	100
83) Chrysene	21.704	228	3235178	41.167	ng	99
84) Bis(2-ethylhexyl)phtha...	21.575	149	2078574	40.864	ng	100
85) Di-n-octyl phthalate	22.869	149	3199932	39.264	ng	99
87) Indeno(1,2,3-cd)pyrene	28.874	276	4585755	44.328	ng	100
88) Benzo(b)fluoranthene	23.951	252	3630246	40.620	ng	98
89) Benzo(k)fluoranthene	24.027	252	3618543	41.392	ng	100
90) Benzo(a)pyrene	24.869	252	3196190	41.128	ng	99
91) Dibenzo(a,h)anthracene	28.957	278	3823023	44.420	ng	99
92) Benzo(g,h,i)perylene	30.080	276	3939846	45.033	ng	97

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

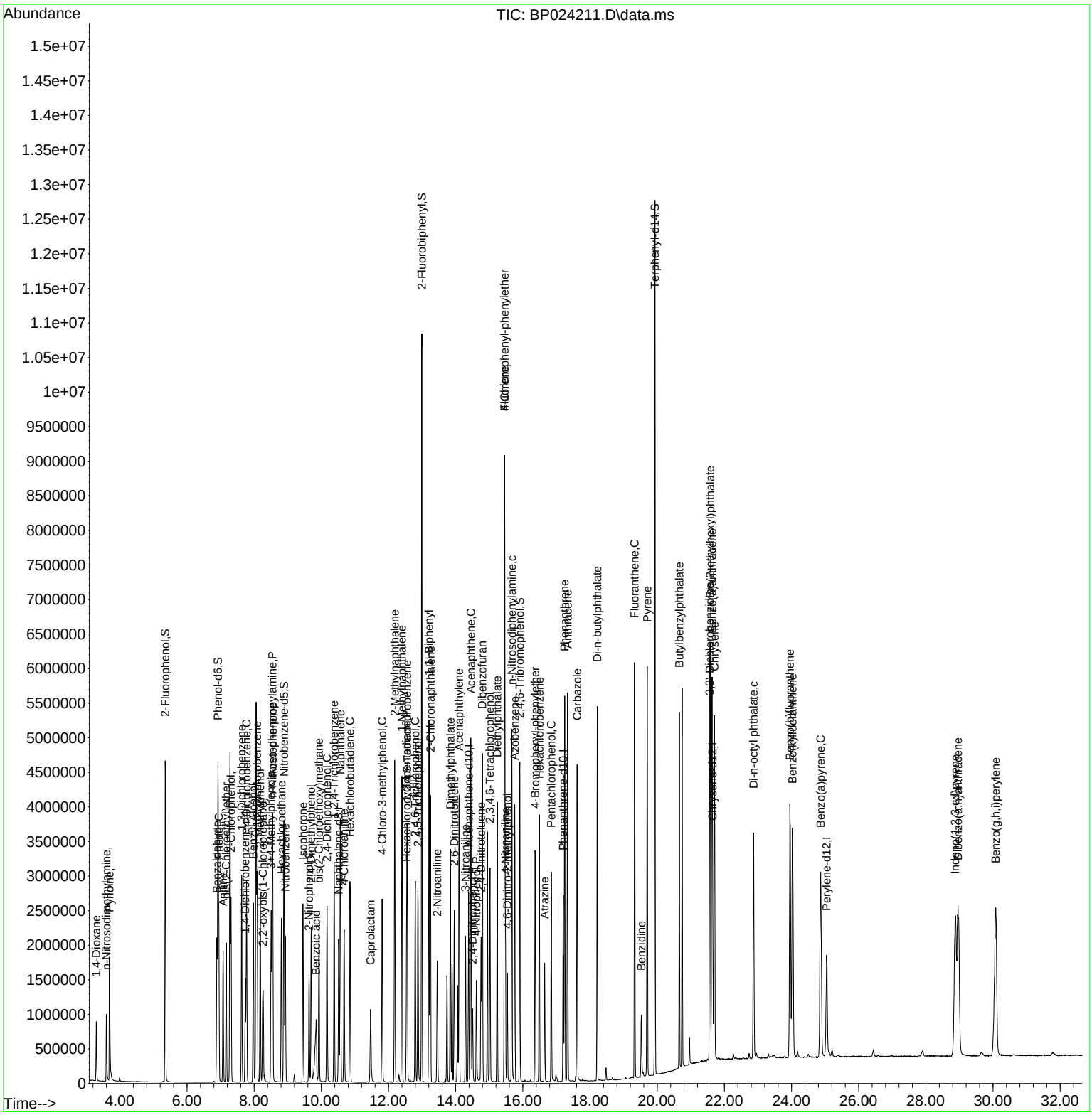
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

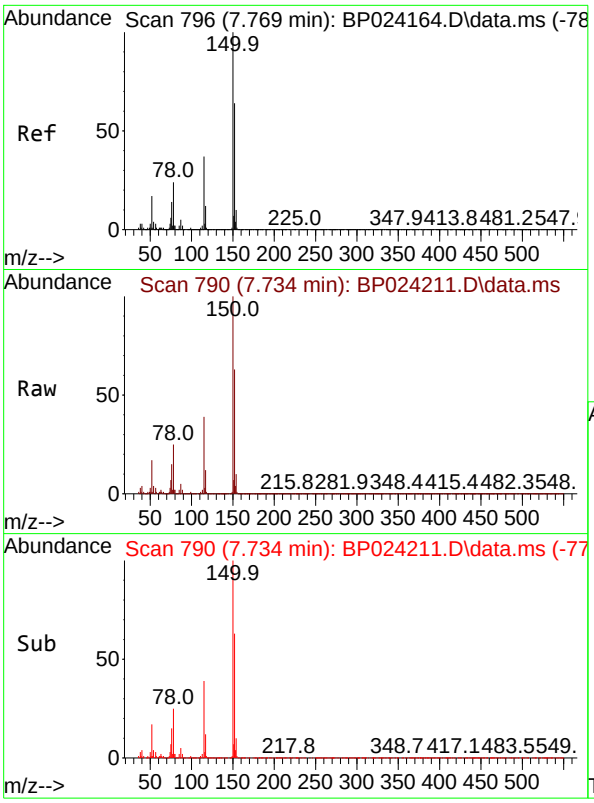
Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

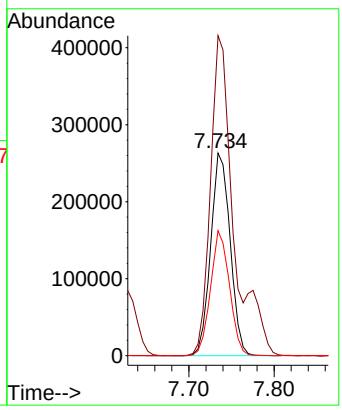




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:152 Resp: 41767

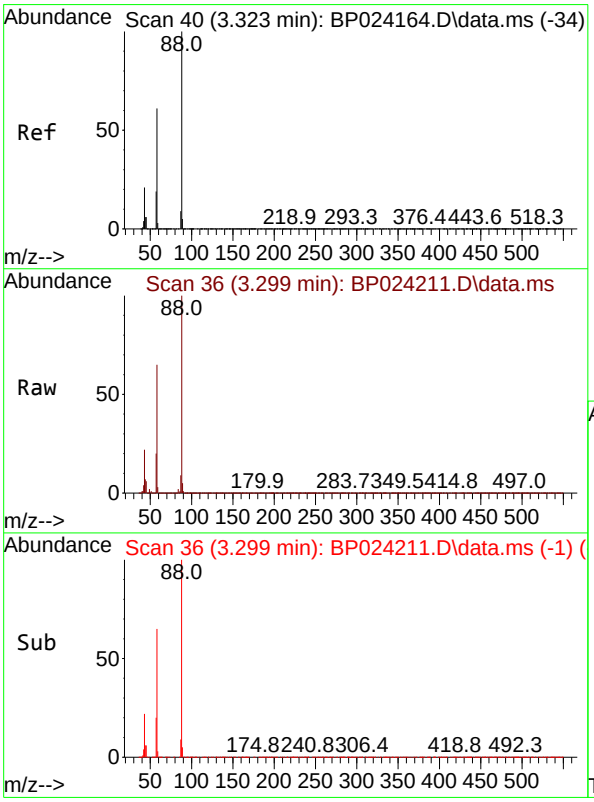
Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.5	188.3
115	61.7	46.3	69.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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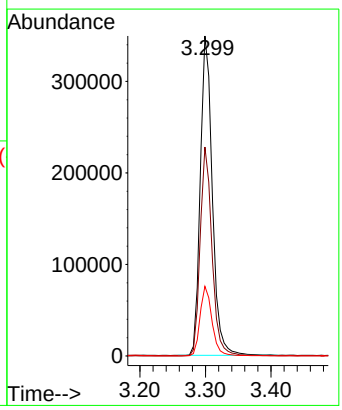
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

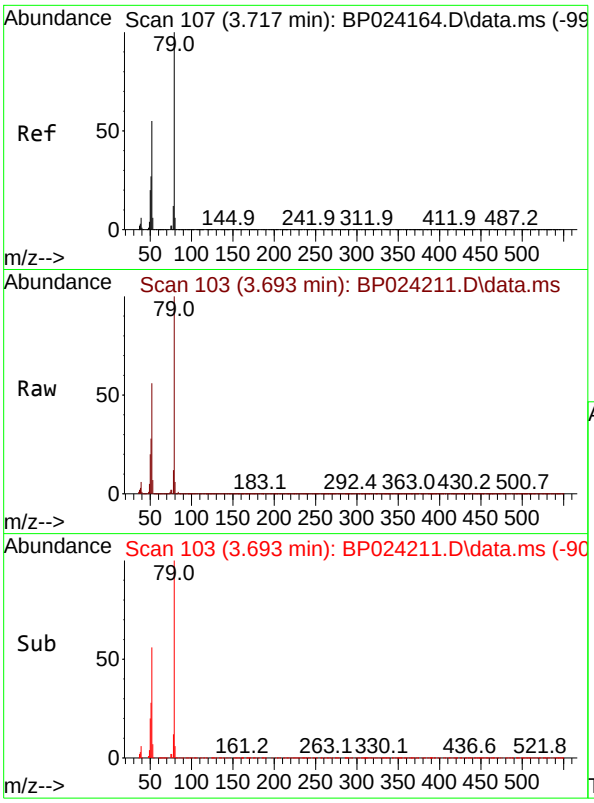


#2
1,4-Dioxane
Concen: 43.047 ng
RT: 3.299 min Scan# 36
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 88 Resp: 446474

Ion	Ratio	Lower	Upper
88	100		
58	64.5	49.8	74.6
43	21.6	17.3	25.9

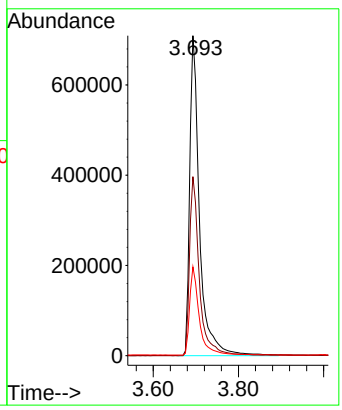




#3
Pyridine
Concen: 40.164 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 79 Resp: 113880

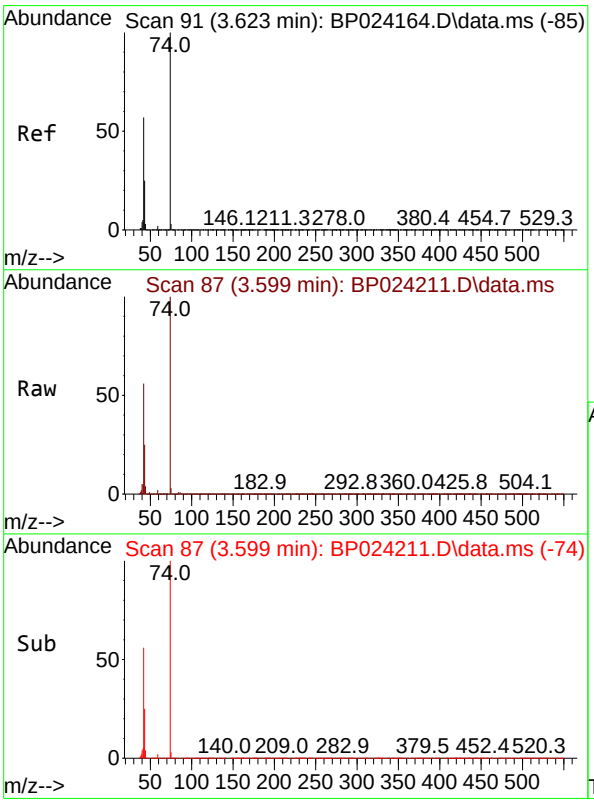
Ion	Ratio	Lower	Upper
79	100		
52	56.0	43.8	65.8
51	27.8	21.6	32.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

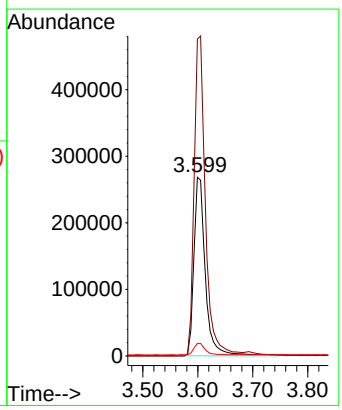
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

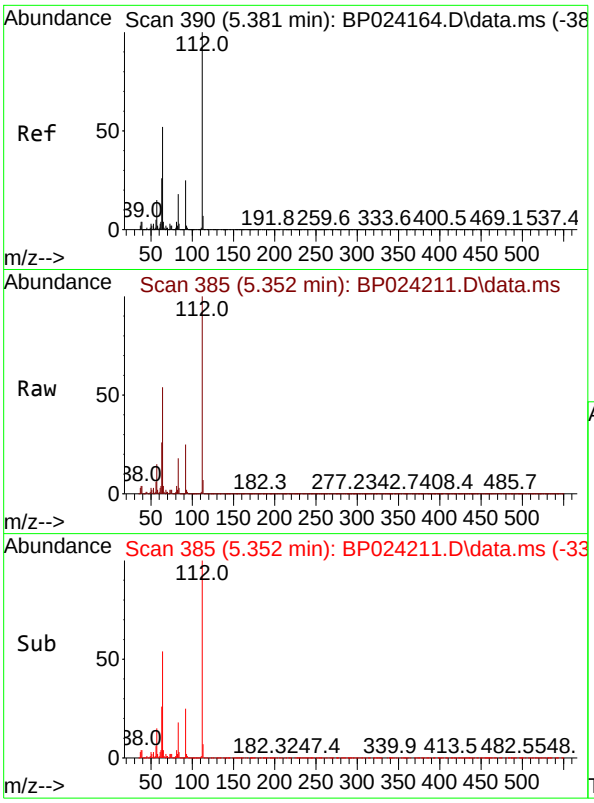


#4
n-Nitrosodimethylamine
Concen: 40.895 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 42 Resp: 387336

Ion	Ratio	Lower	Upper
42	100		
74	177.3	139.8	209.6
44	7.1	5.3	7.9

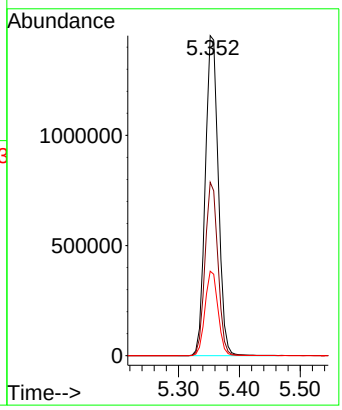




#5
2-Fluorophenol
Concen: 82.554 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:112 Resp: 216005

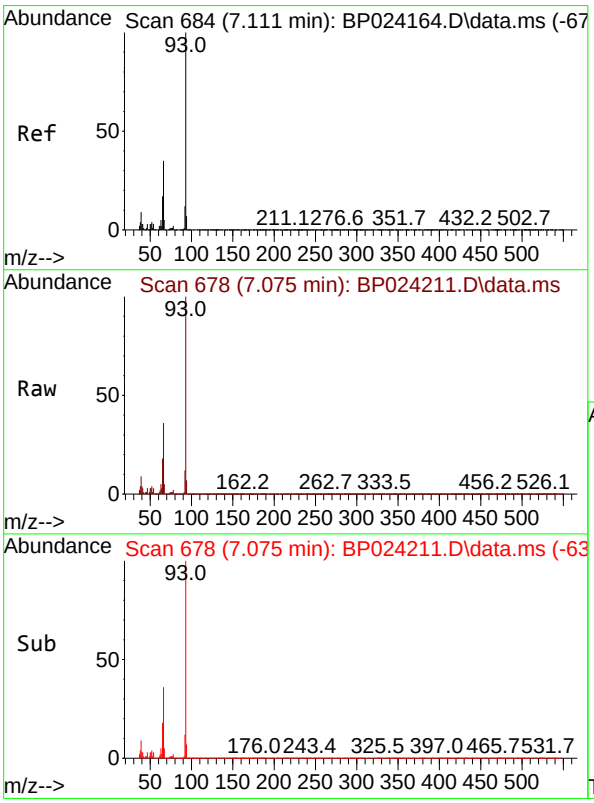
Ion	Ratio	Lower	Upper
112	100		
64	54.2	41.3	61.9
63	26.4	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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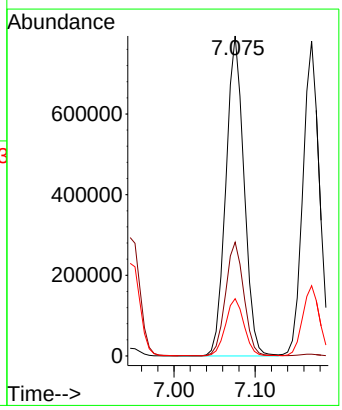
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

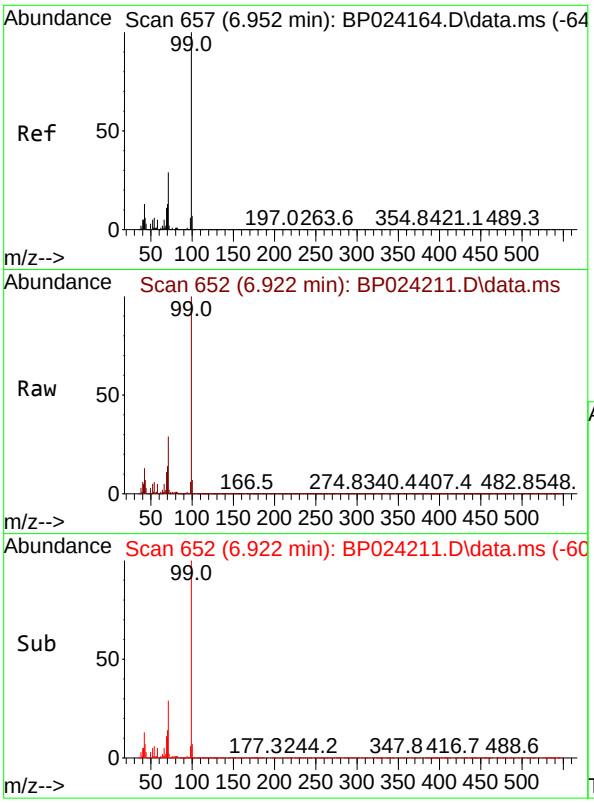


#6
Aniline
Concen: 38.677 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 93 Resp: 1232979

Ion	Ratio	Lower	Upper
93	100		
66	35.6	28.2	42.2
65	17.9	14.0	21.0

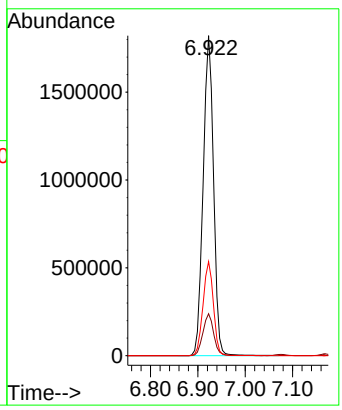




#7
Phenol-d6
Concen: 79.095 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 99 Resp: 276750

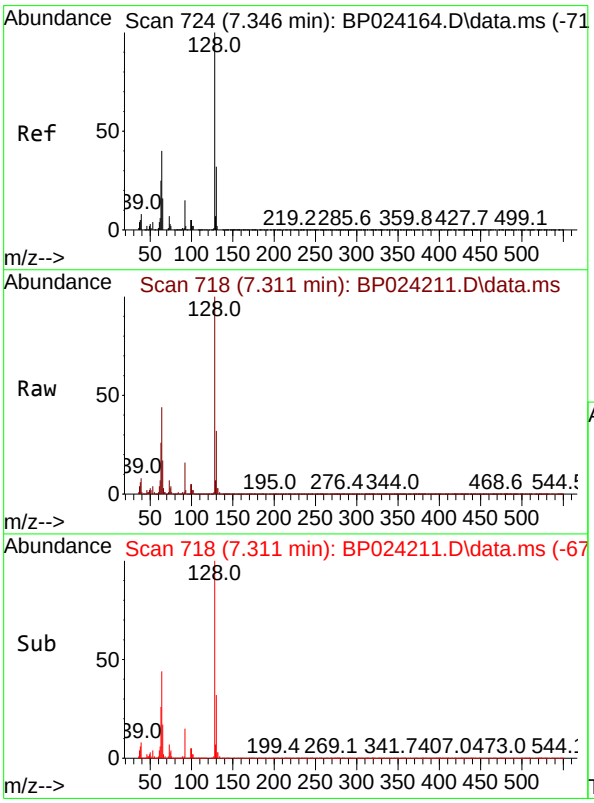
Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.4	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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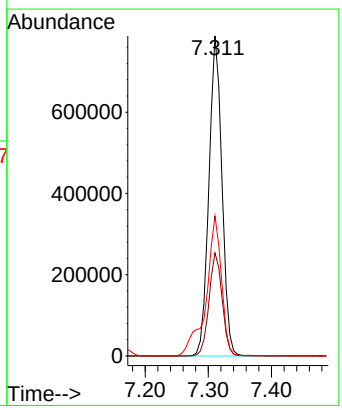
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

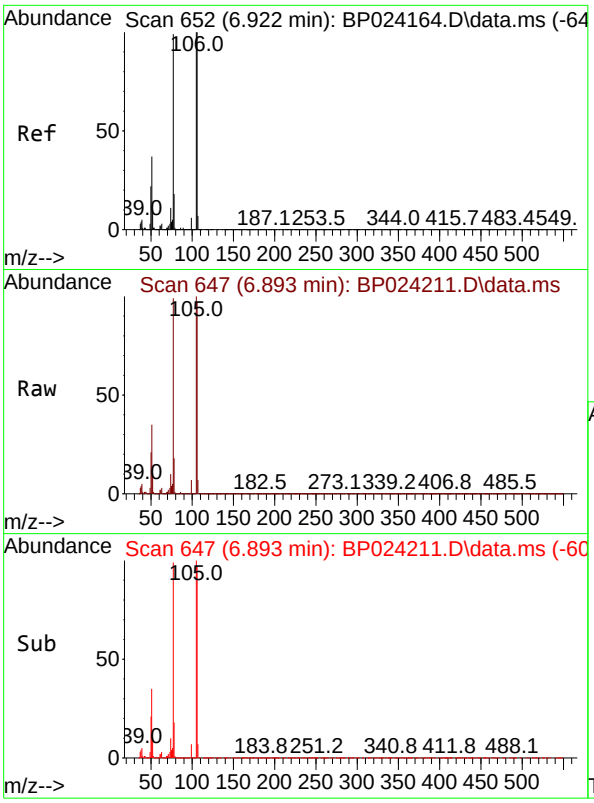


#8
2-Chlorophenol
Concen: 39.918 ng
RT: 7.311 min Scan# 718
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:128 Resp: 1128182

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	43.7	21.6	61.6





#9
Benzaldehyde
Concen: 42.530 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

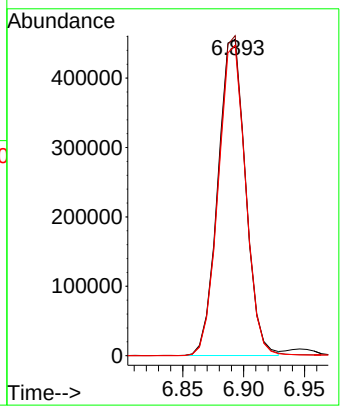
Tgt Ion: 77 Resp: 71813

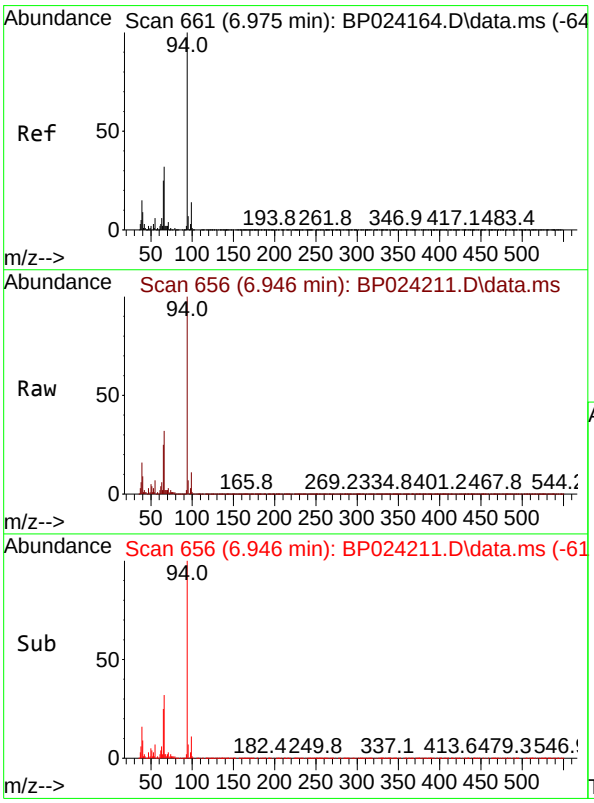
Ion	Ratio	Lower	Upper
77	100		
105	101.2	81.4	121.4
106	98.1	81.1	121.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

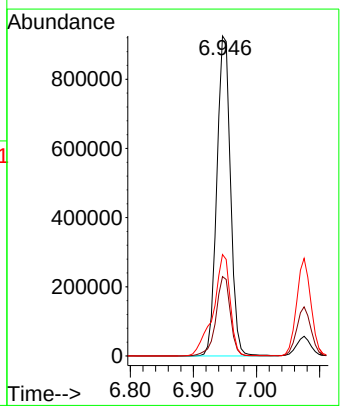


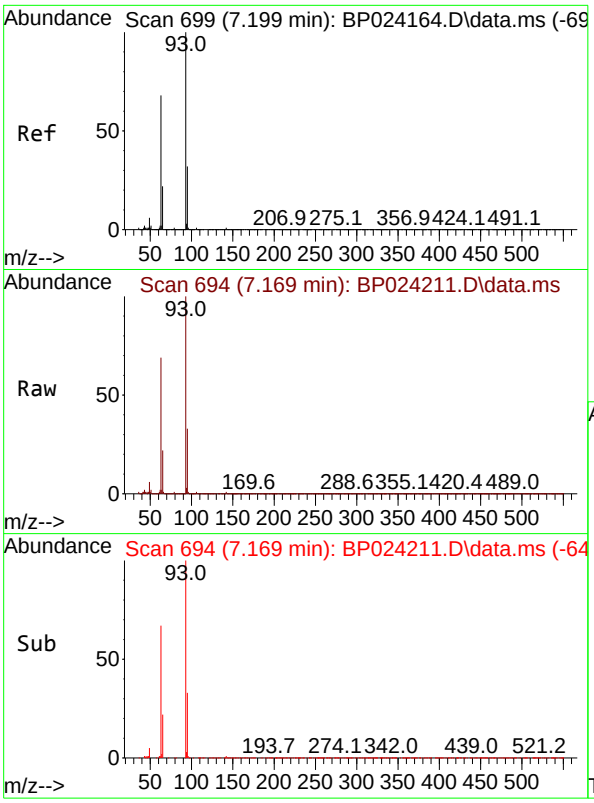


#10
Phenol
Concen: 39.401 ng
RT: 6.946 min Scan# 656
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 94 Resp: 1391750

Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.9	44.9
66	31.7	11.9	51.9





#11
bis(2-Chloroethyl)ether
Concen: 39.629 ng
RT: 7.169 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

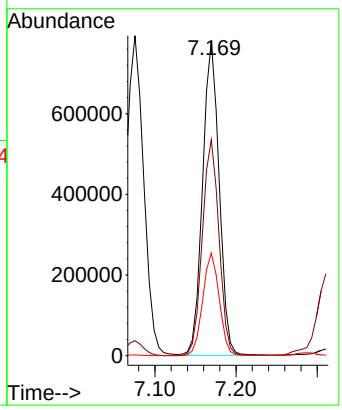
Tgt Ion: 93 Resp: 110389

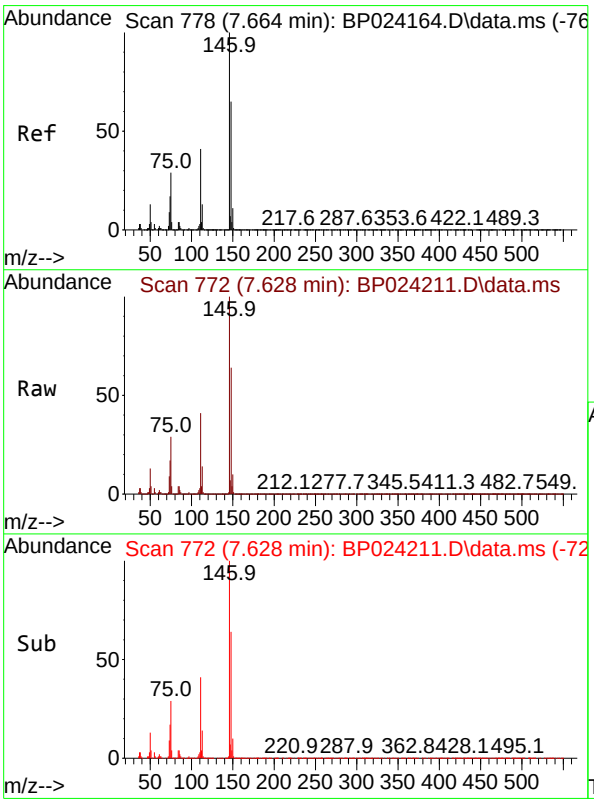
Ion	Ratio	Lower	Upper
93	100		
63	68.6	47.4	87.4
95	32.6	12.1	52.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

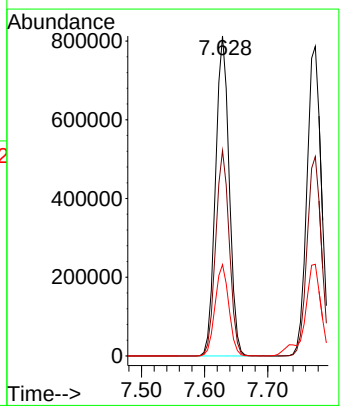


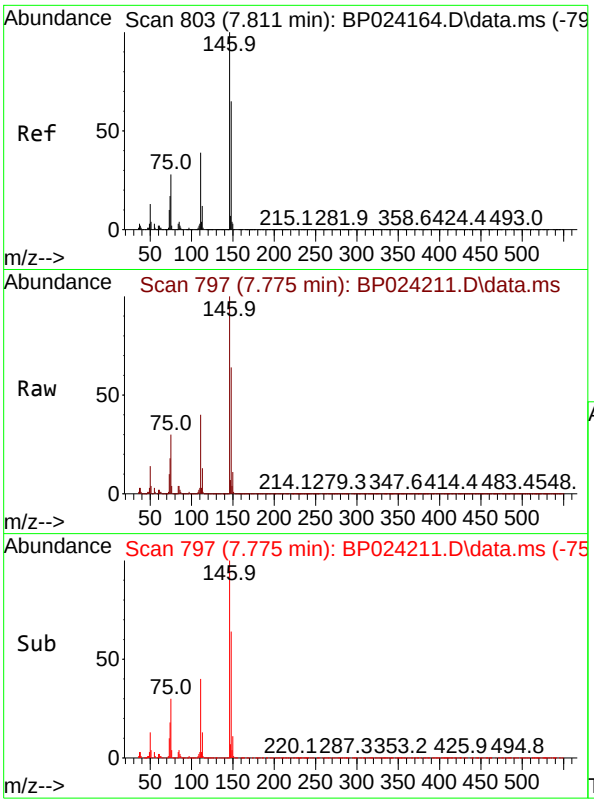


#12
1,3-Dichlorobenzene
Concen: 40.107 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:146 Resp: 1222363

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.5	22.8	34.2

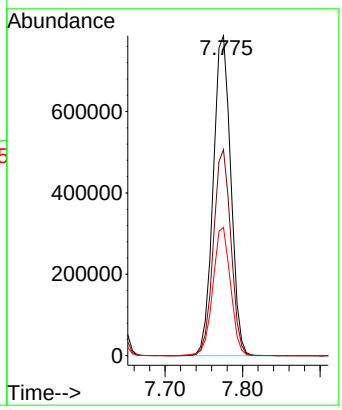




#13
1,4-Dichlorobenzene
Concen: 39.910 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:146 Resp: 124195

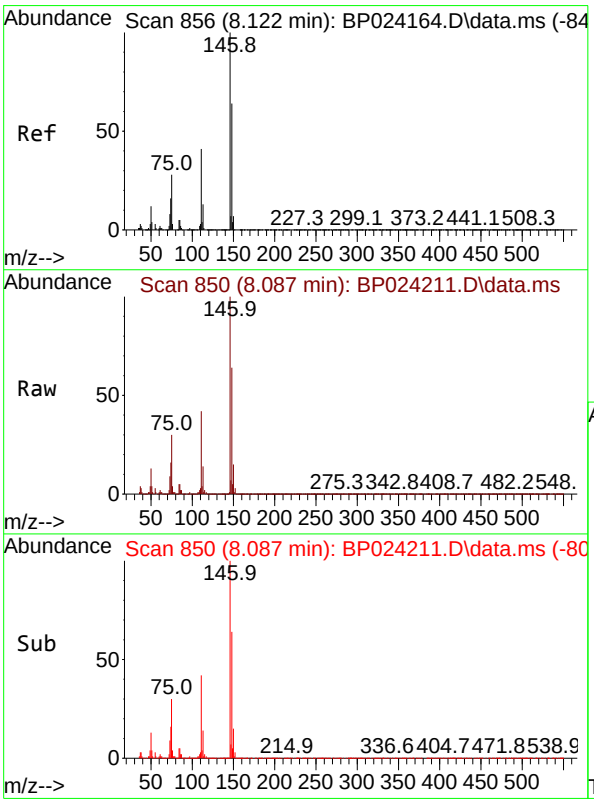
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	40.1	31.4	47.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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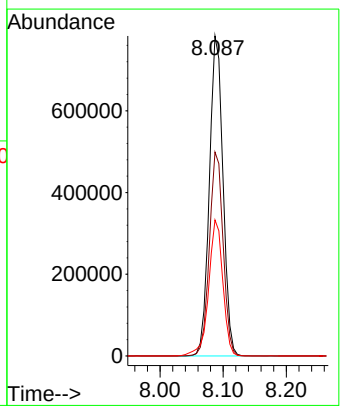
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

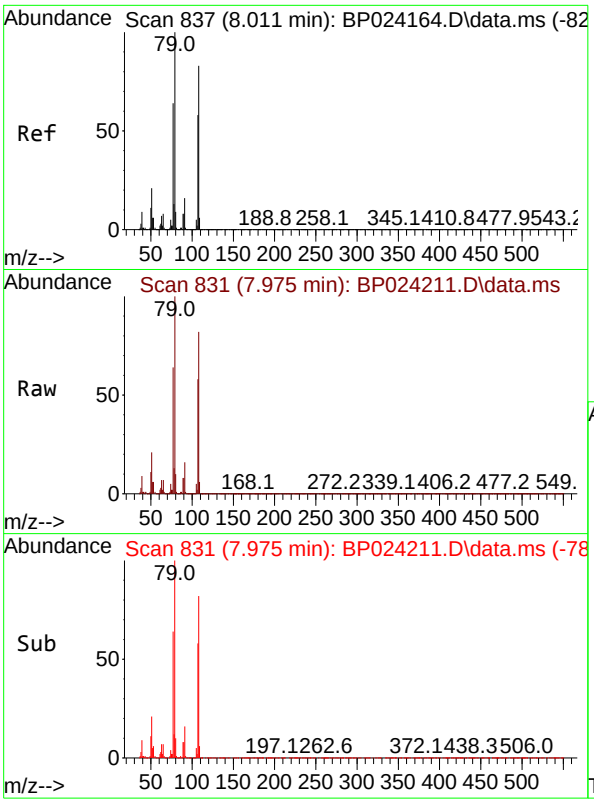


#14
1,2-Dichlorobenzene
Concen: 39.263 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:146 Resp: 1172482

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	42.5	33.2	49.8





#15
Benzyl Alcohol
Concen: 38.780 ng
RT: 7.975 min Scan# 8
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

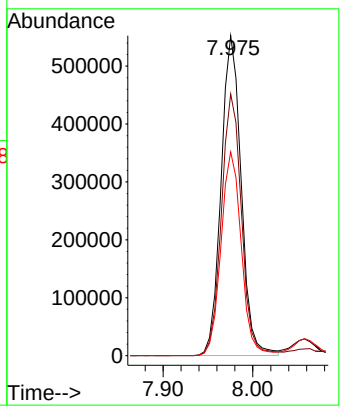
Tgt Ion: 79 Resp: 85905

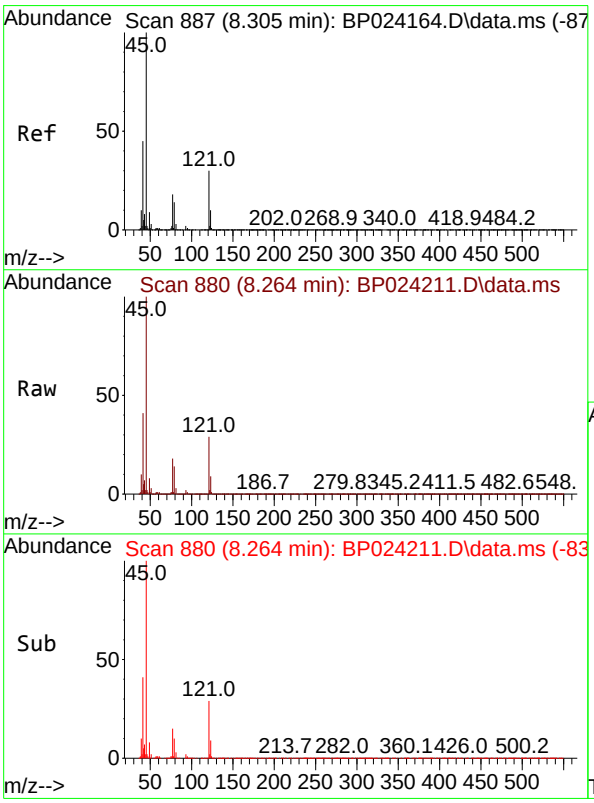
Ion	Ratio	Lower	Upper
79	100		
108	81.8	66.5	99.7
77	63.7	50.9	76.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

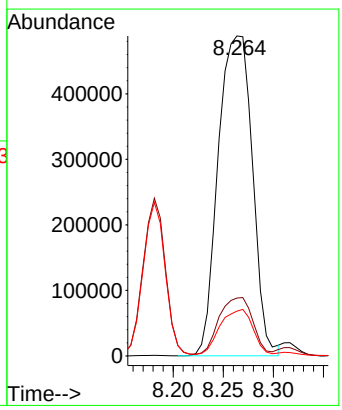


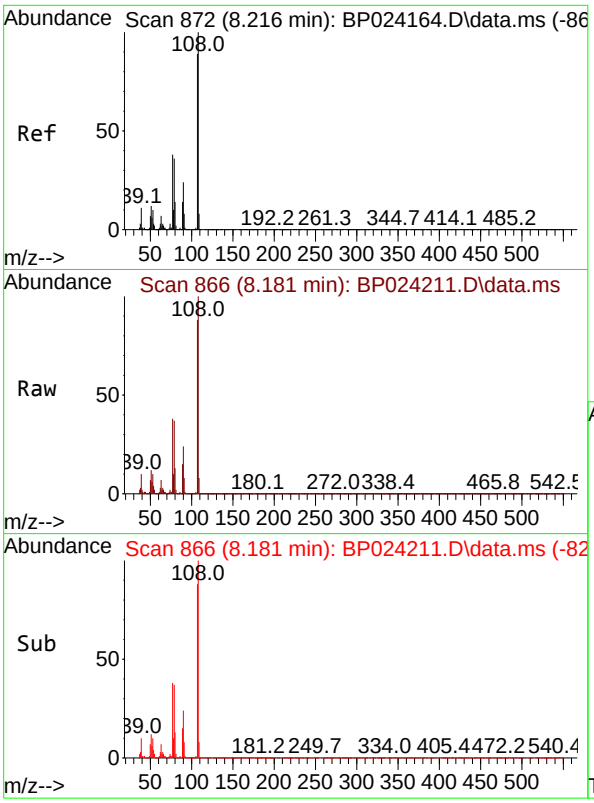


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.798 ng
RT: 8.264 min Scan# 880
Delta R.T. -0.041 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 45 Resp: 1159861

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	39.0
79	14.0	0.0	35.6

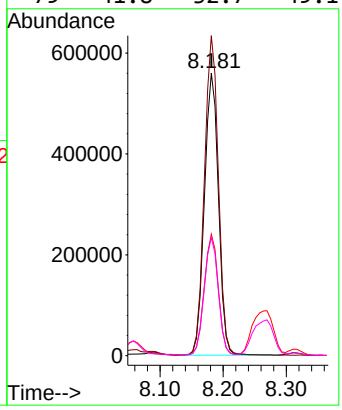




#17
2-Methylphenol
Concen: 38.925 ng
RT: 8.181 min Scan# 8
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:107 Resp: 86219

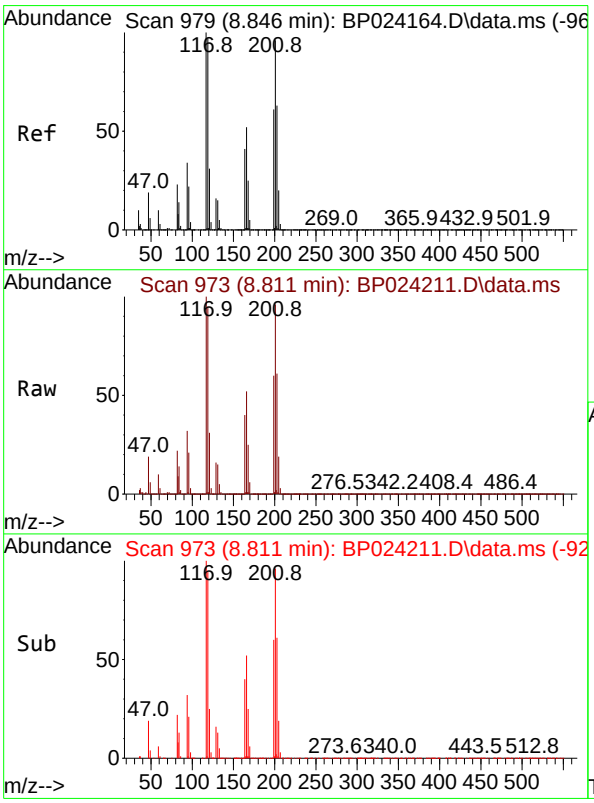
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.0	135.0
77	43.0	34.0	51.0
79	41.8	32.7	49.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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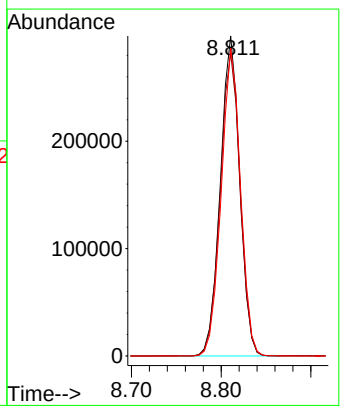
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

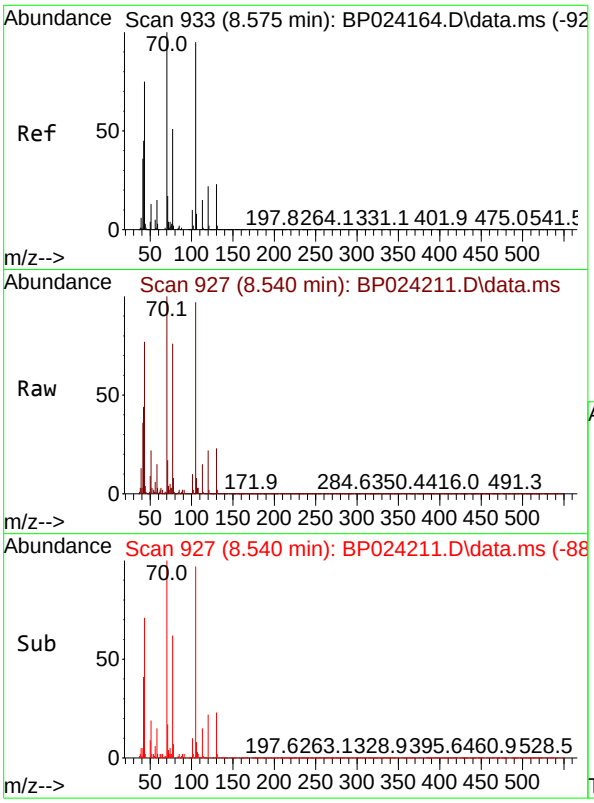


#18
Hexachloroethane
Concen: 40.550 ng
RT: 8.811 min Scan# 973
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:117 Resp: 447680

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	96.2	76.6	114.8

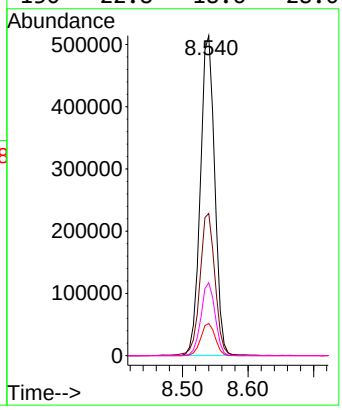




#19
n-Nitroso-di-n-propylamine
Concen: 38.622 ng
RT: 8.540 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 70 Resp: 78398

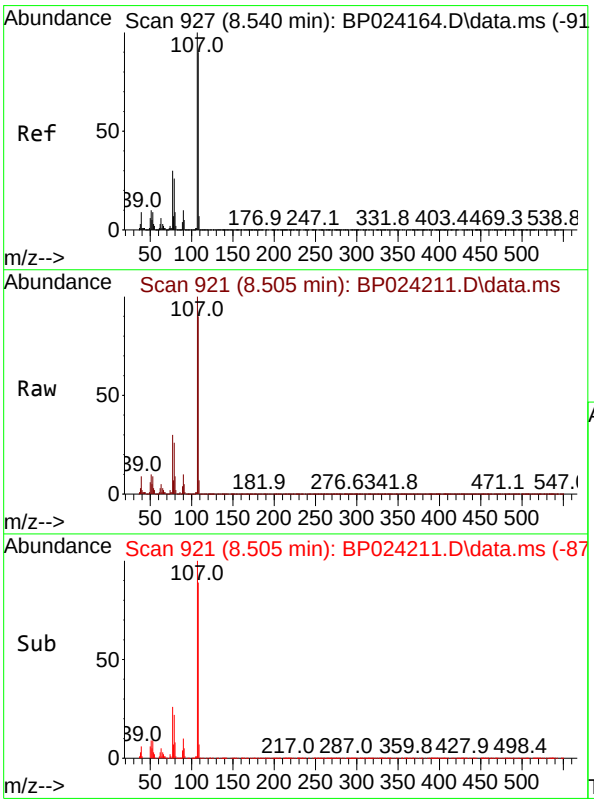
Ion	Ratio	Lower	Upper
70	100		
42	44.5	36.0	54.0
101	10.0	8.3	12.5
130	22.8	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

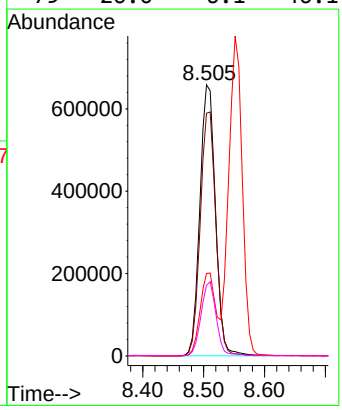
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

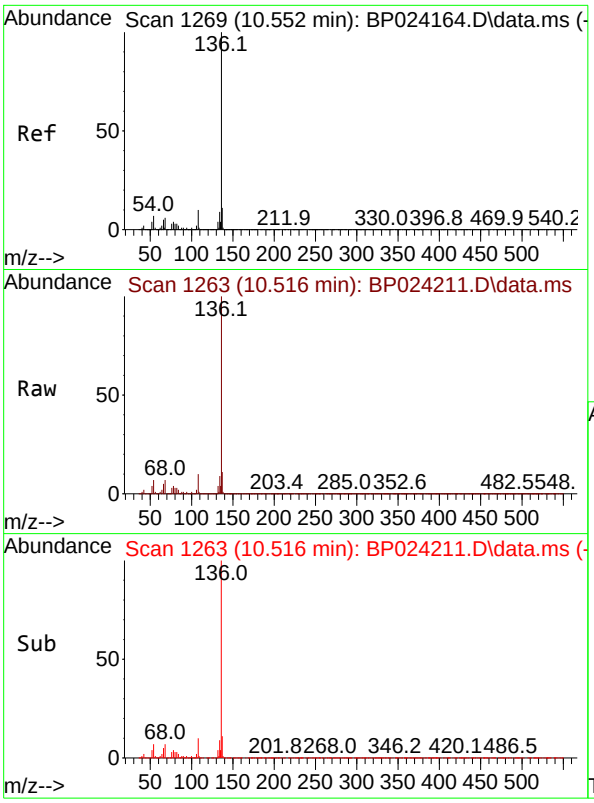


#20
3+4-Methylphenols
Concen: 38.565 ng
RT: 8.505 min Scan# 921
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:107 Resp: 1173563

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.7	109.7
77	30.5	10.3	50.3
79	26.0	6.1	46.1

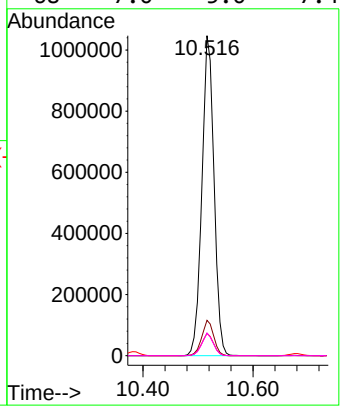




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:136 Resp: 159940

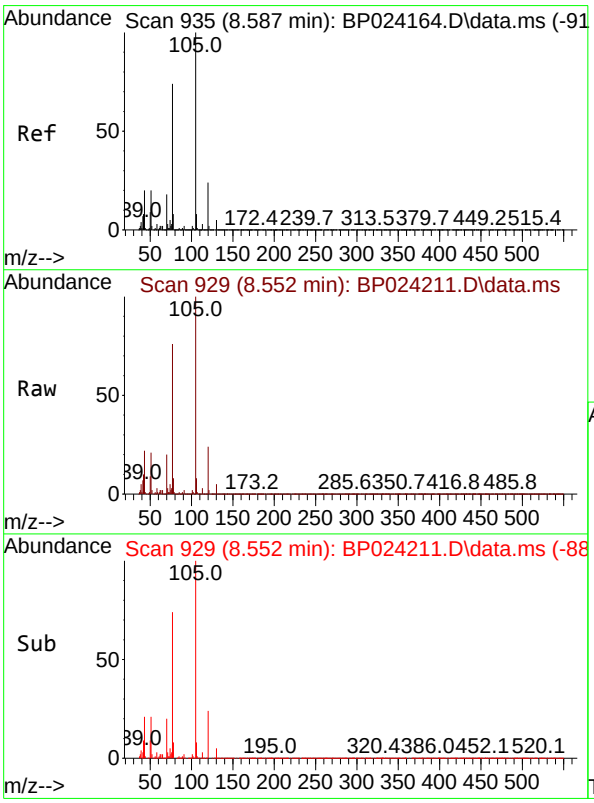
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.3	7.9
68	7.0	5.0	7.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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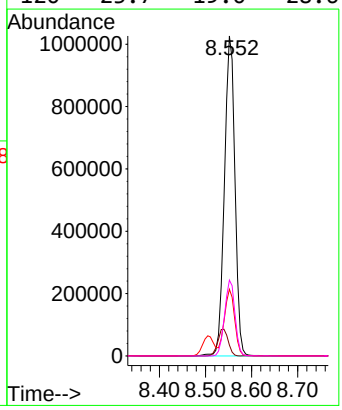
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

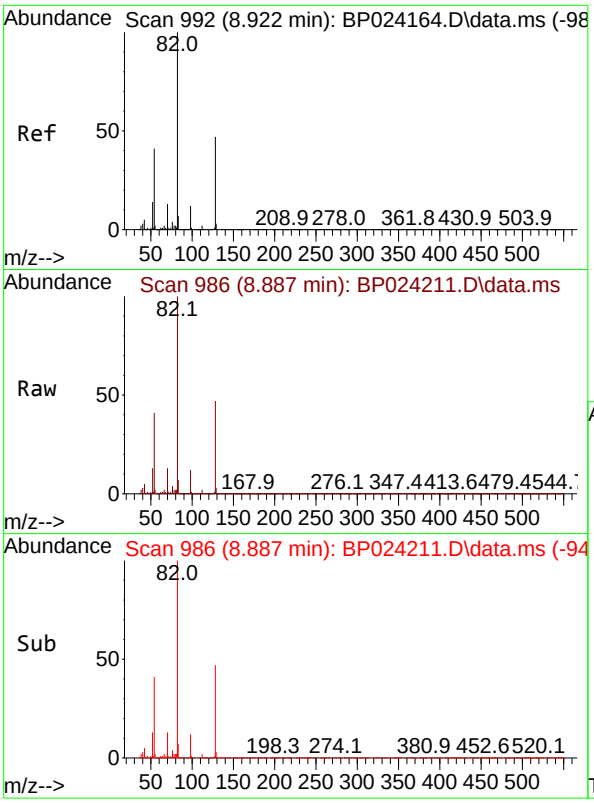


#22
Acetophenone
Concen: 40.130 ng
RT: 8.552 min Scan# 929
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:105 Resp: 1622693

Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.4	3.6
51	20.9	16.2	24.2
120	23.7	19.0	28.6

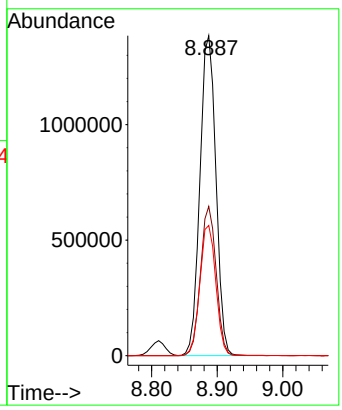




#23
Nitrobenzene-d5
Concen: 82.938 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 82 Resp: 235108

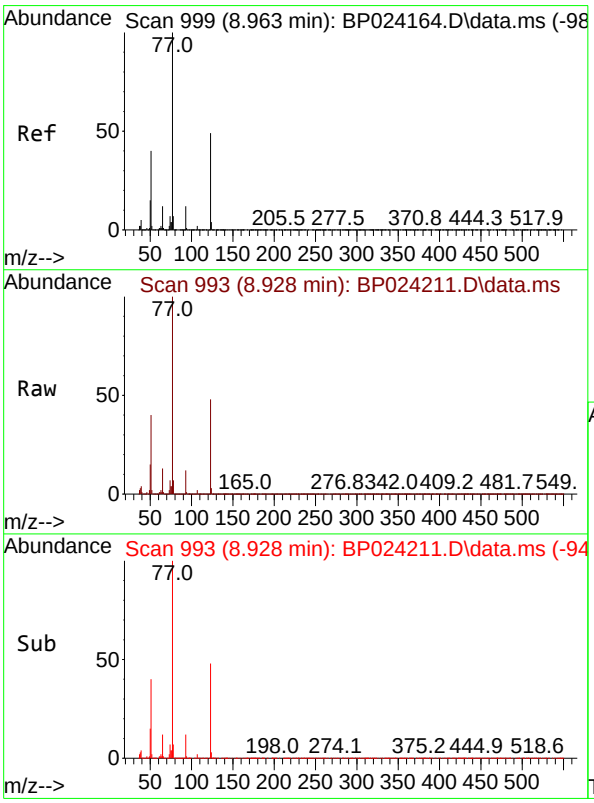
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	40.7	32.5	48.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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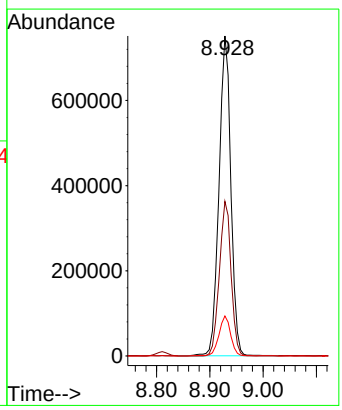
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

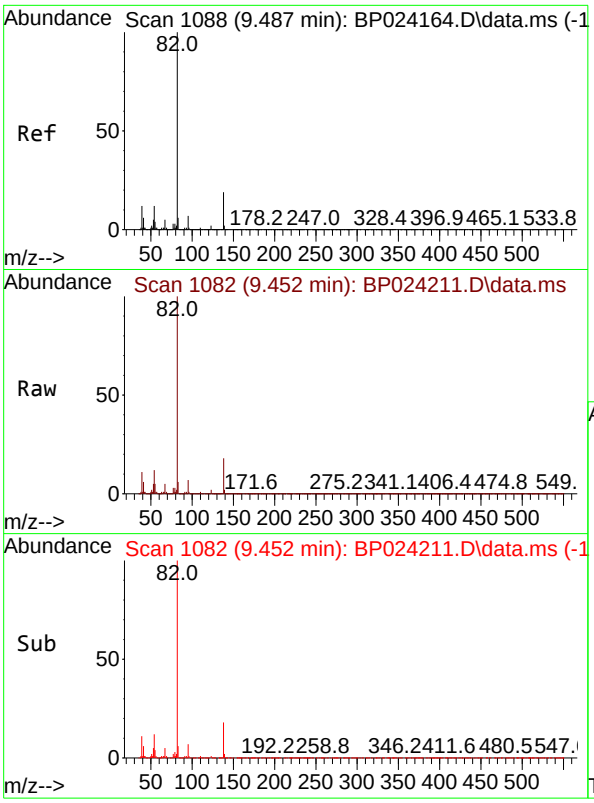


#24
Nitrobenzene
Concen: 41.315 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 77 Resp: 1155357

Ion	Ratio	Lower	Upper
77	100		
123	48.3	39.4	59.2
65	12.5	9.9	14.9

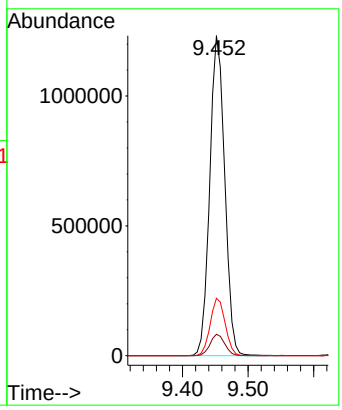




#25
Isophorone
Concen: 40.232 ng
RT: 9.452 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 82 Resp: 195497

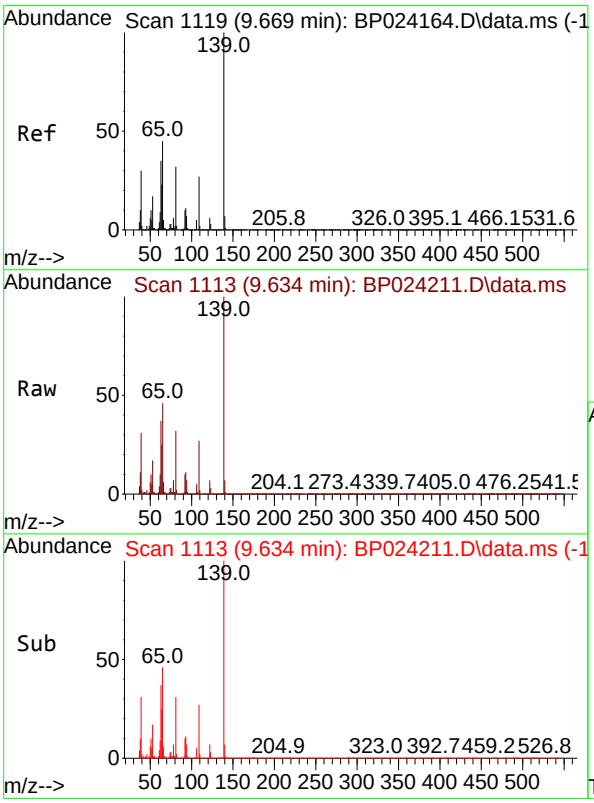
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.9	14.8	22.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

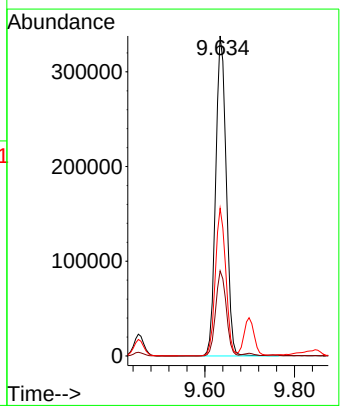
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

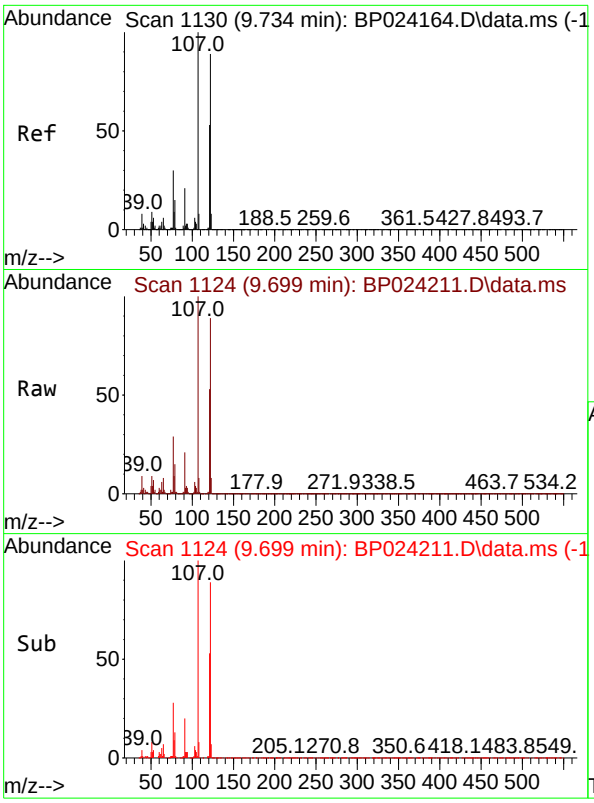


#26
2-Nitrophenol
Concen: 41.396 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:139 Resp: 552969

Ion	Ratio	Lower	Upper
139	100		
109	26.6	21.7	32.5
65	46.2	35.8	53.8

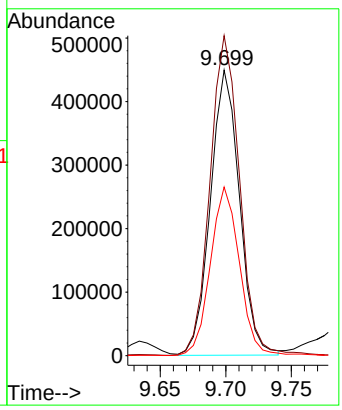




#27
2,4-Dimethylphenol
Concen: 40.194 ng
RT: 9.699 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:122 Resp: 69038

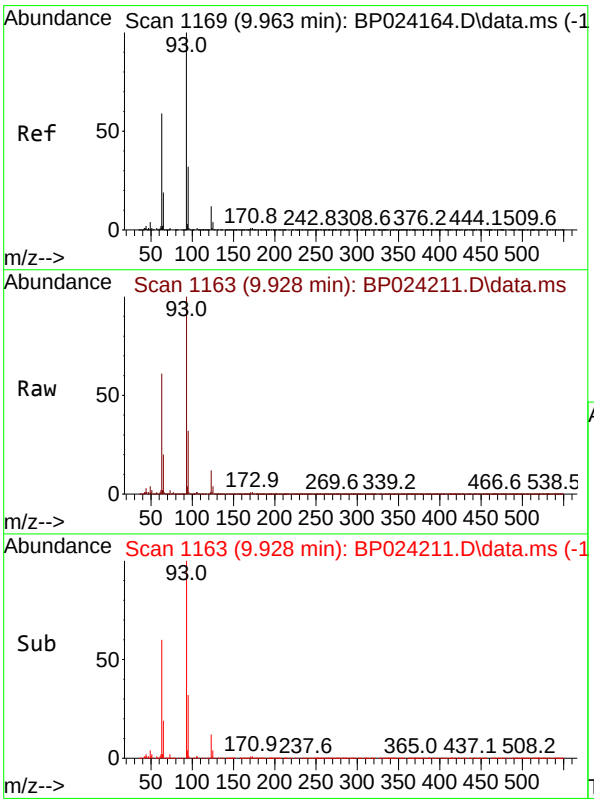
Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.3	133.9
121	59.0	47.5	71.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

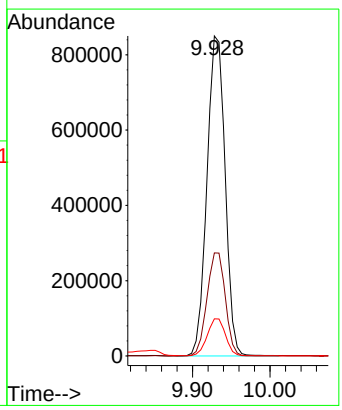
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

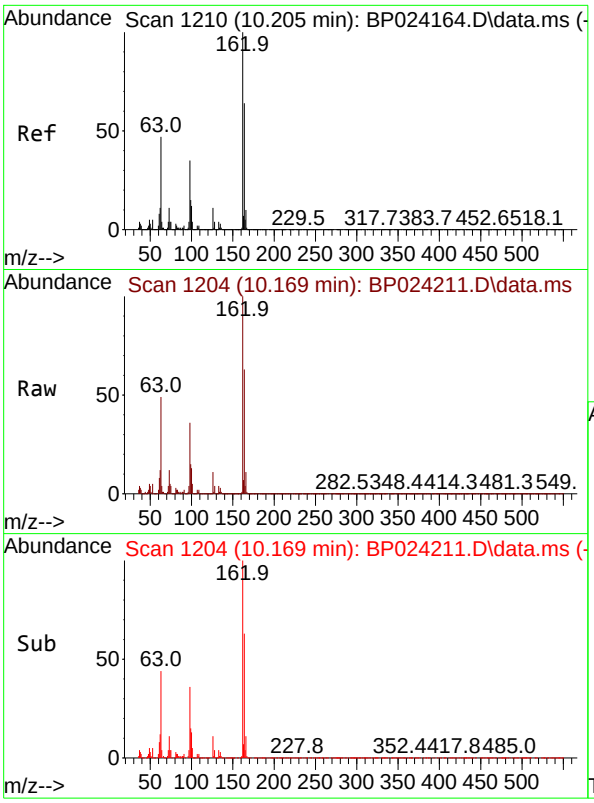


#28
bis(2-Chloroethoxy)methane
Concen: 40.436 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 93 Resp: 1382312

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	11.6	9.5	14.3

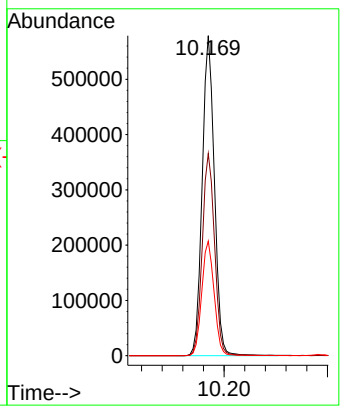




#29
2,4-Dichlorophenol
Concen: 40.695 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:162 Resp: 94558

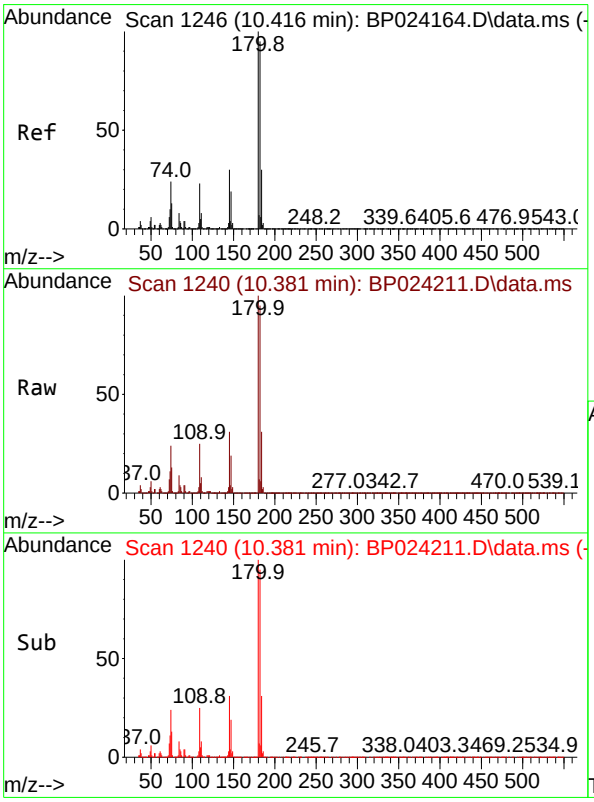
Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.2	84.2
98	35.8	15.1	55.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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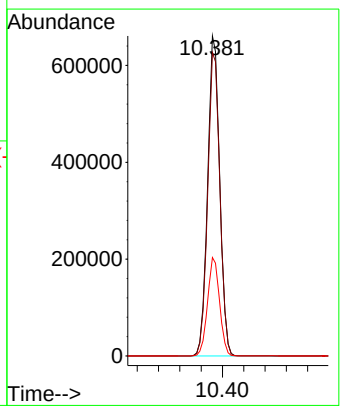
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

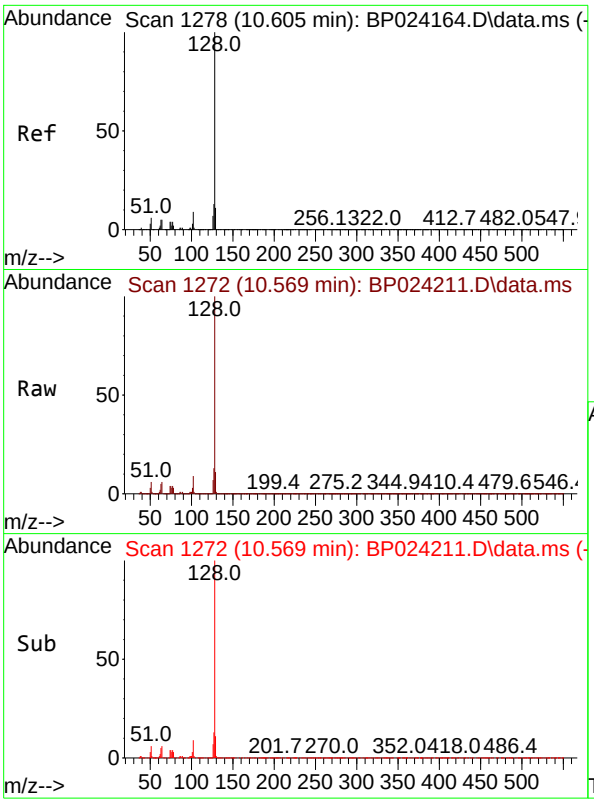


#30
1,2,4-Trichlorobenzene
Concen: 40.425 ng
RT: 10.381 min Scan# 1240
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:180 Resp: 1037774

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	30.8	24.2	36.2

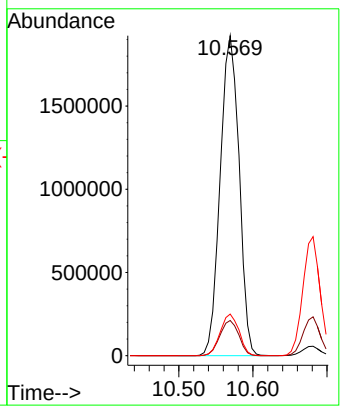




#31
Naphthalene
Concen: 40.209 ng
RT: 10.569 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:128 Resp: 340897

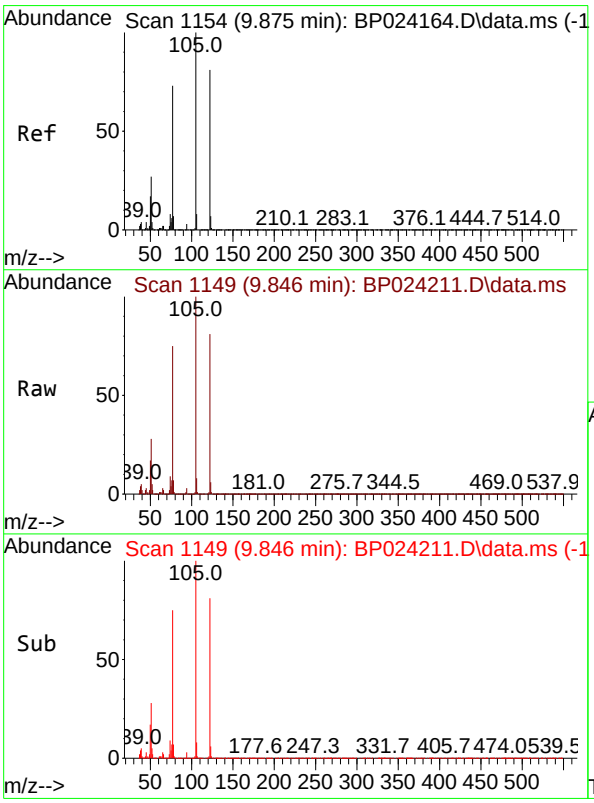
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

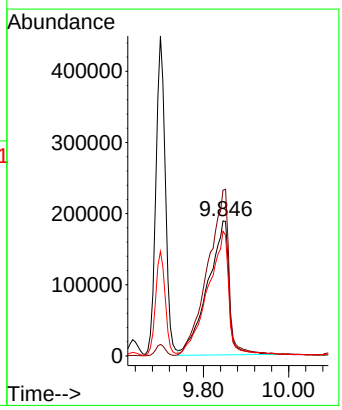
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

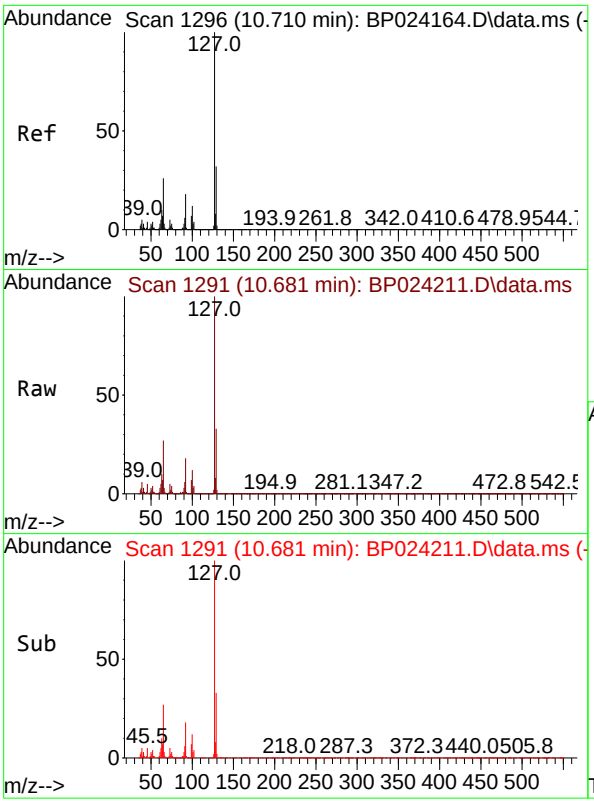


#32
Benzoic acid
Concen: 38.975 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:122 Resp: 652890

Ion	Ratio	Lower	Upper
122	100		
105	122.8	100.3	140.3
77	92.4	69.1	109.1

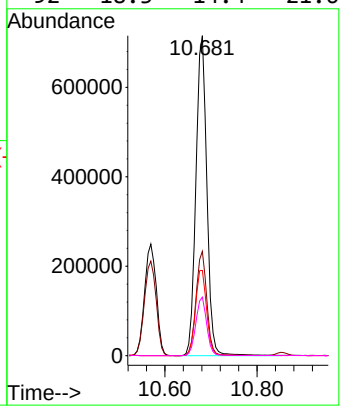




#33
4-Chloroaniline
Concen: 38.833 ng
RT: 10.681 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:127 Resp: 117822

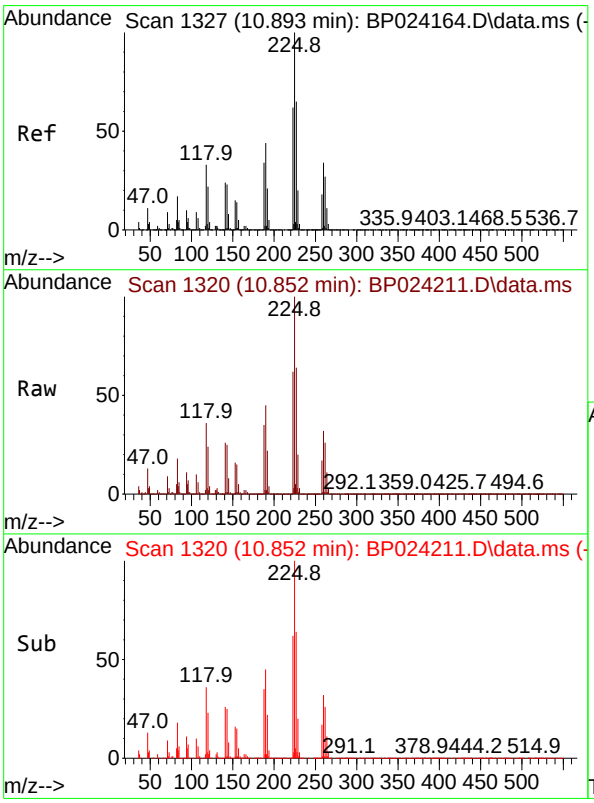
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	26.7	21.2	31.8
92	18.3	14.4	21.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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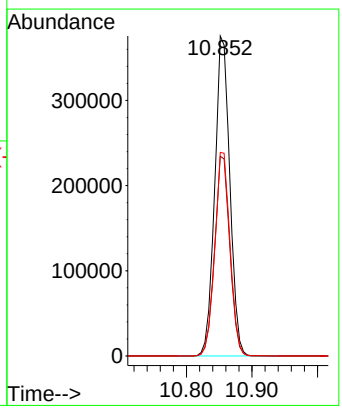
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

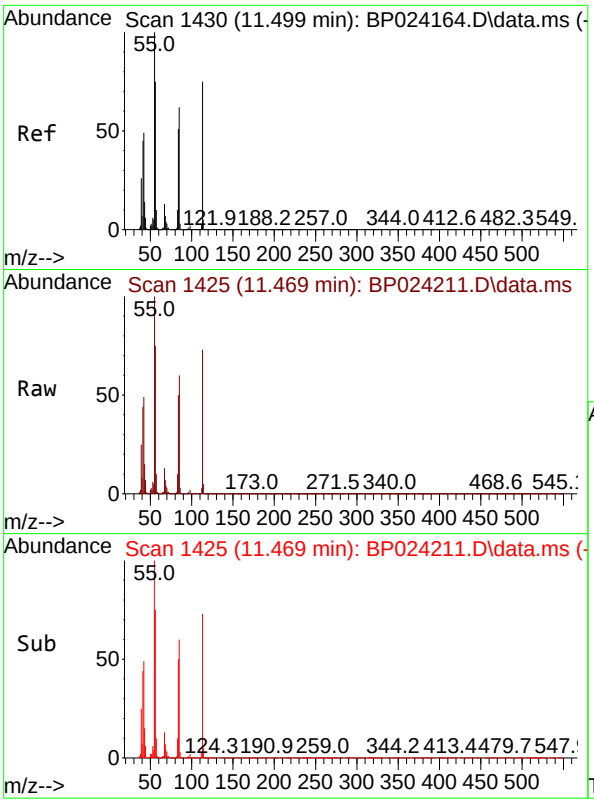


#34
Hexachlorobutadiene
Concen: 40.450 ng
RT: 10.852 min Scan# 1320
Delta R.T. -0.041 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:225 Resp: 597628

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.6	52.2	78.2





#35
Caprolactam
Concen: 36.348 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

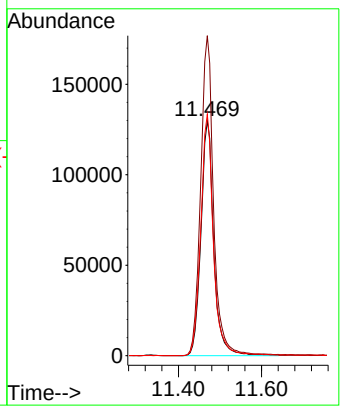
Tgt Ion:113 Resp: 27679

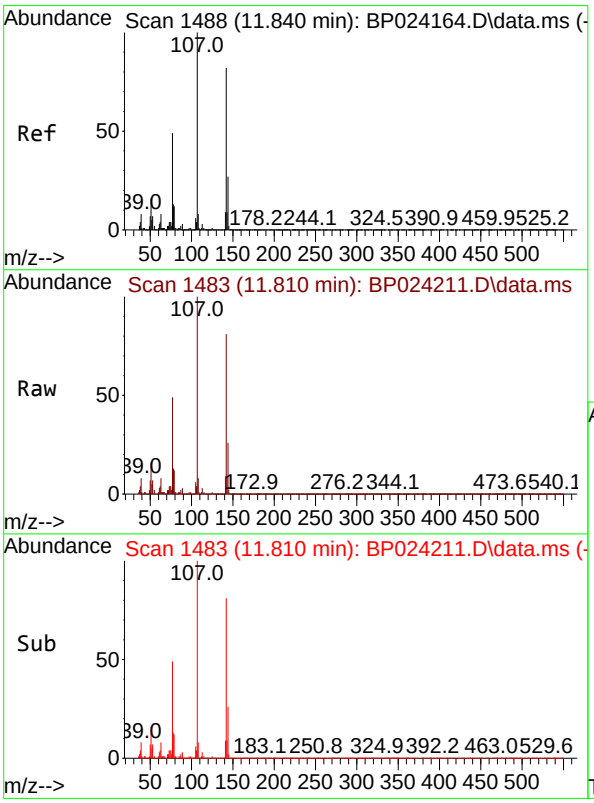
Ion	Ratio	Lower	Upper
113	100		
55	136.2	113.6	153.6
56	102.8	80.0	120.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

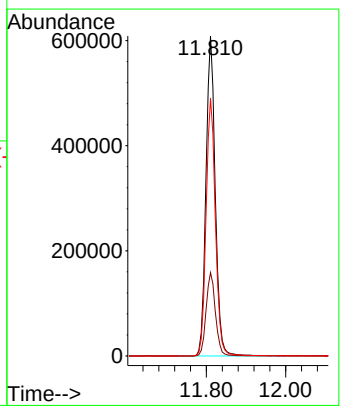


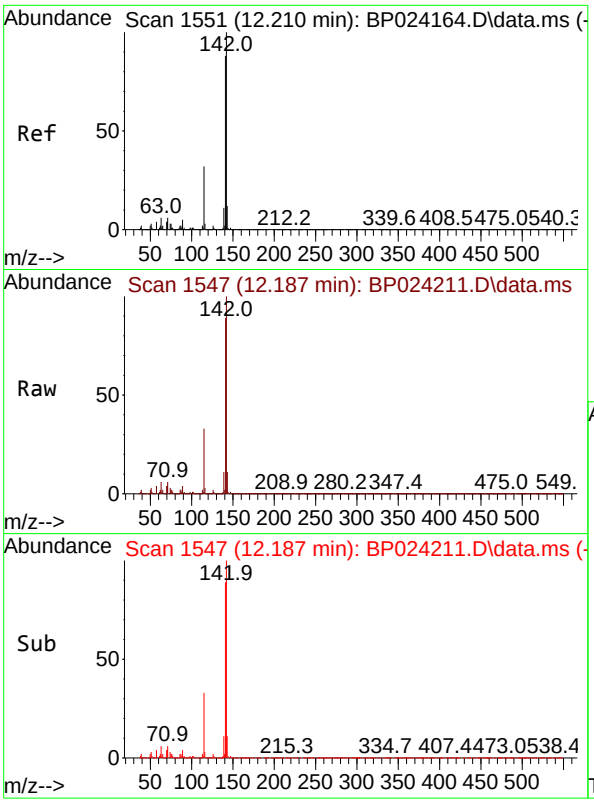


#36
4-Chloro-3-methylphenol
Concen: 39.442 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:107 Resp: 988672

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.6	32.4
142	80.5	65.4	98.0

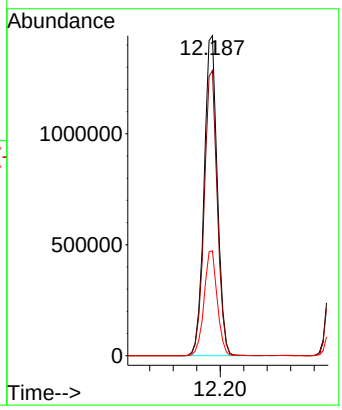




#37
2-Methylnaphthalene
Concen: 39.235 ng
RT: 12.187 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:142 Resp: 224724

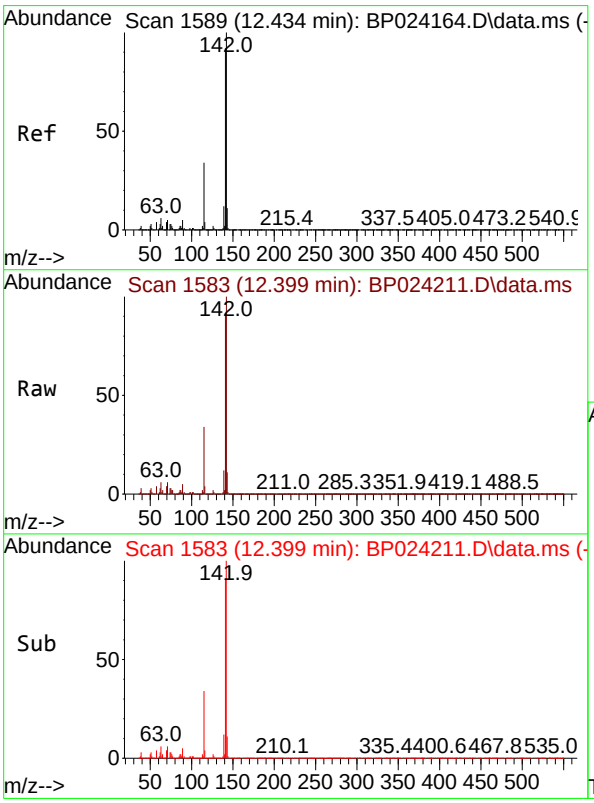
Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	32.8	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

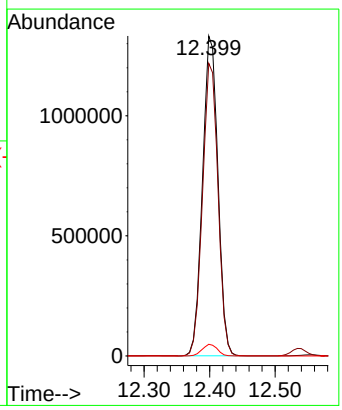
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

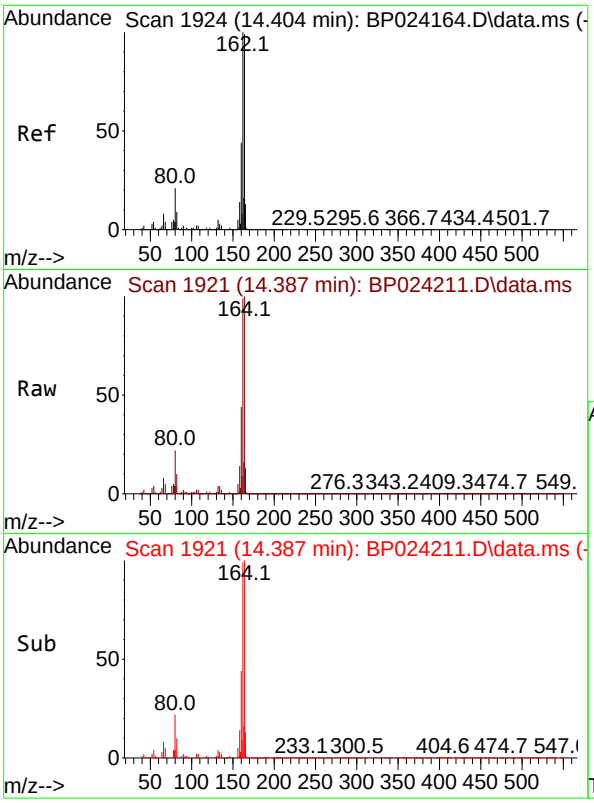


#38
1-Methylnaphthalene
Concen: 39.157 ng
RT: 12.399 min Scan# 1583
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:142 Resp: 2181412

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.7	2.8	4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

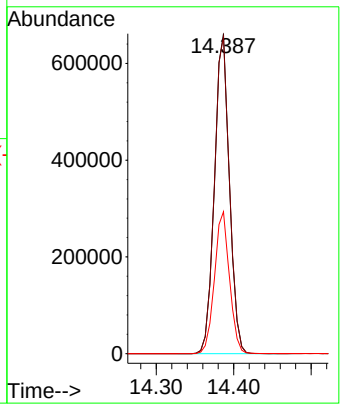
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

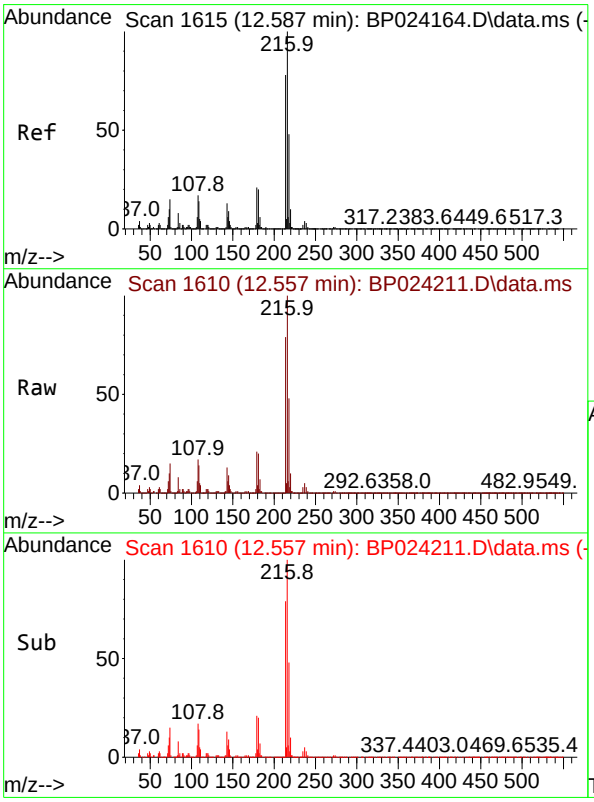
Tgt Ion:164 Resp: 88478

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	121.0
160	44.4	35.4	53.2

Manual Integrations
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Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

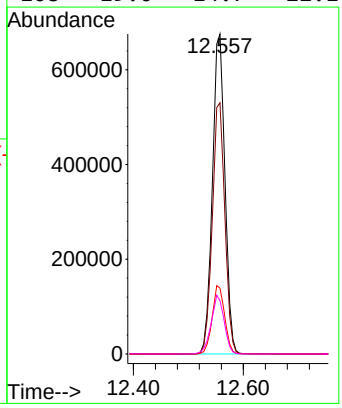


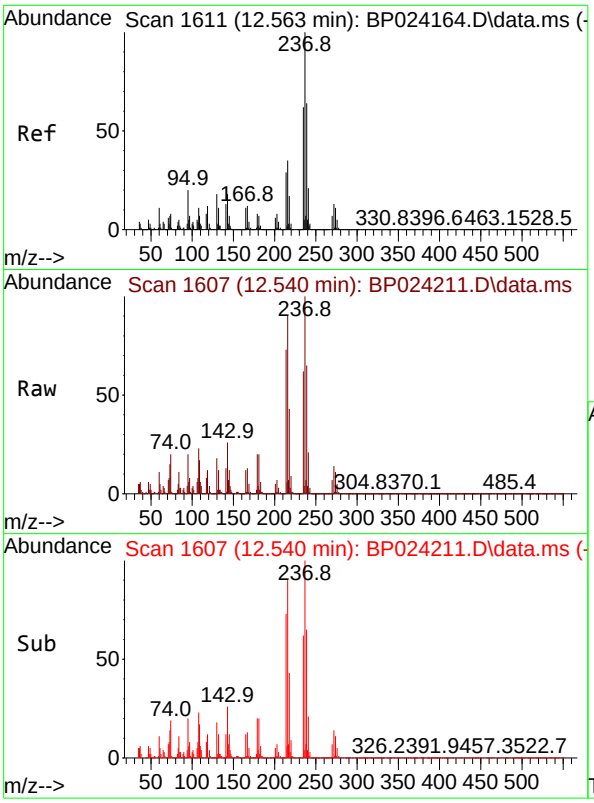


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.799 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:216 Resp: 1069066

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.8	94.2
179	21.3	16.8	25.2
108	19.0	14.7	22.1





#41
Hexachlorocyclopentadiene
Concen: 42.069 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

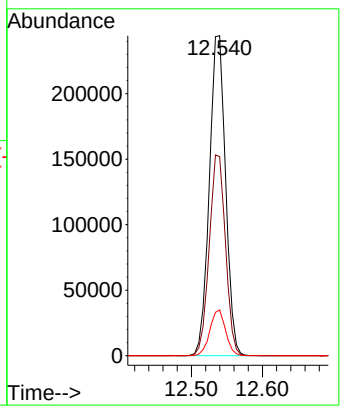
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

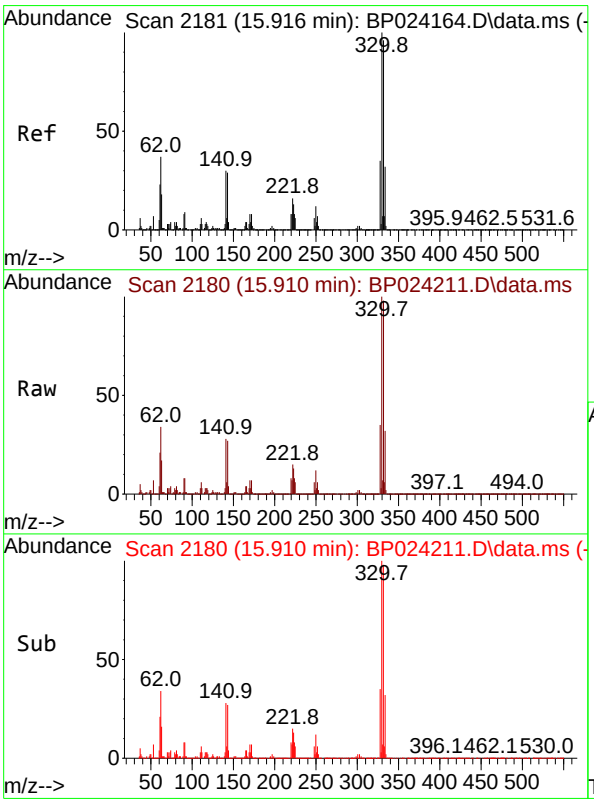
Tgt Ion:237 Resp: 38785

Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.8	81.8
272	14.3	0.0	33.5

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Supervised By :Jagrut Upadhyay 04/09/2025

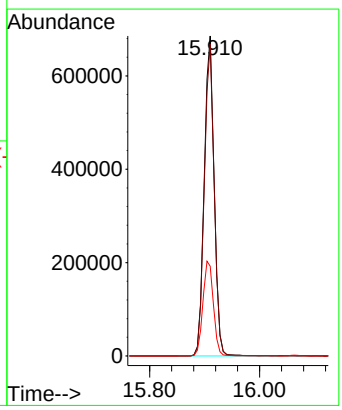


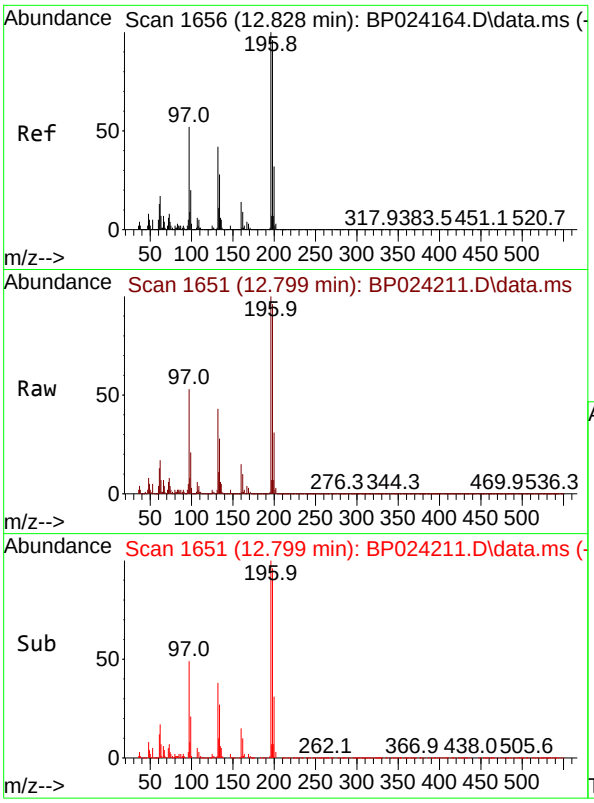


#42
2,4,6-Tribromophenol
Concen: 76.789 ng
RT: 15.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:330 Resp: 855806

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	31.5	25.0	37.6

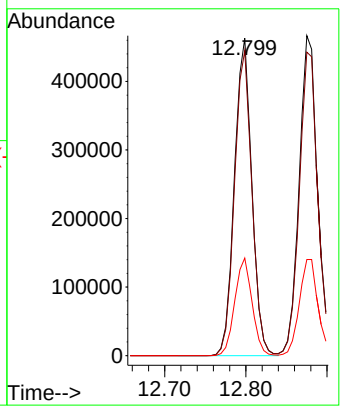




#43
2,4,6-Trichlorophenol
Concen: 42.283 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:196 Resp: 68727

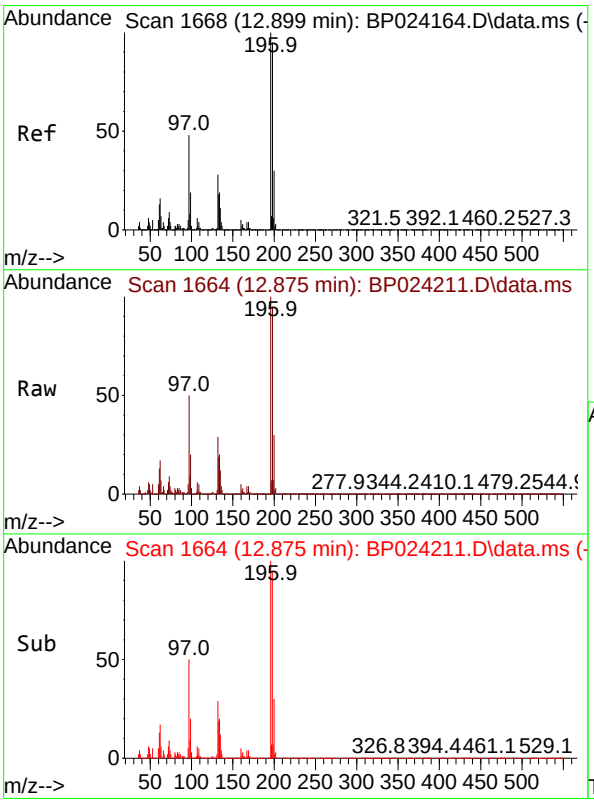
Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	115.0
200	30.8	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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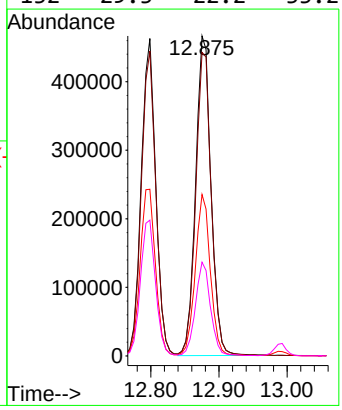
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

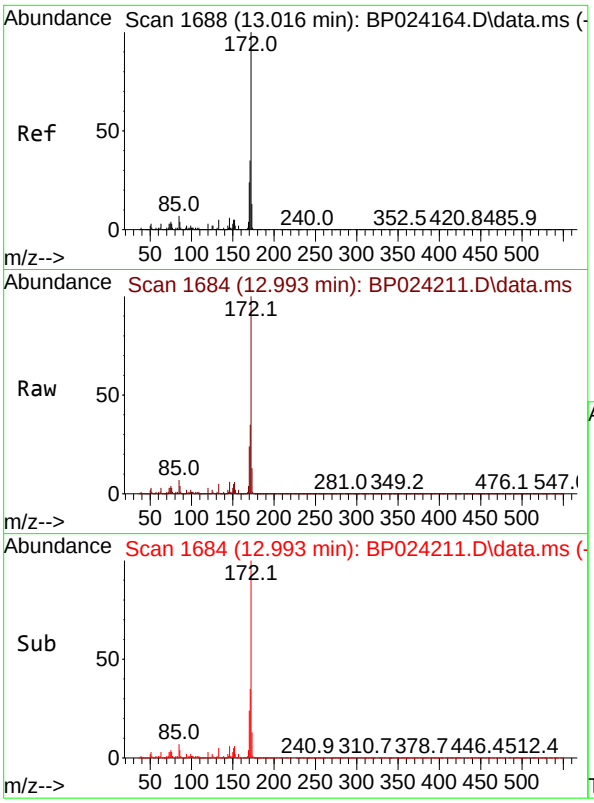


#44
2,4,5-Trichlorophenol
Concen: 41.234 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:196 Resp: 735015

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.5	114.7
97	50.5	38.7	58.1
132	29.3	22.2	33.2

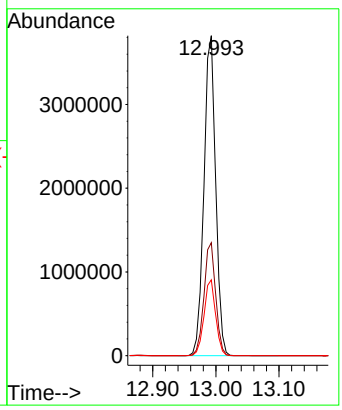




#45
2-Fluorobiphenyl
Concen: 82.015 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:172 Resp: 492125

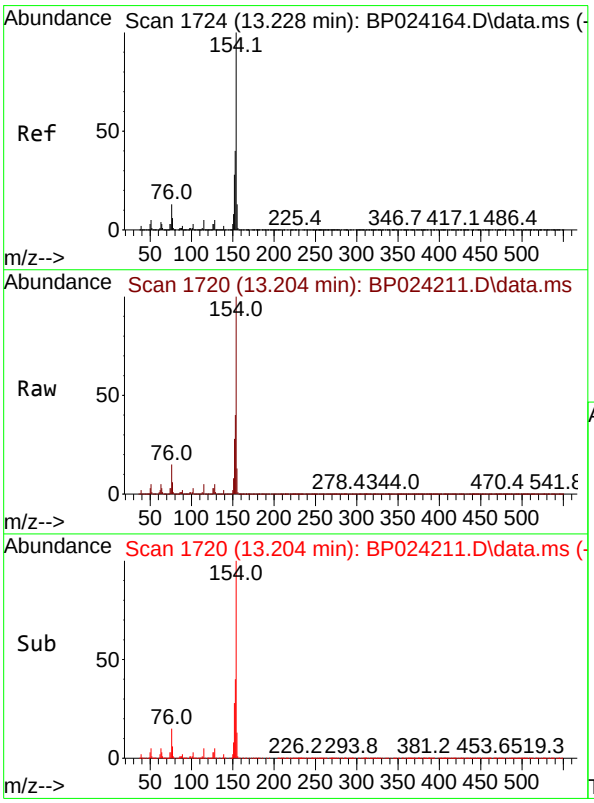
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.7	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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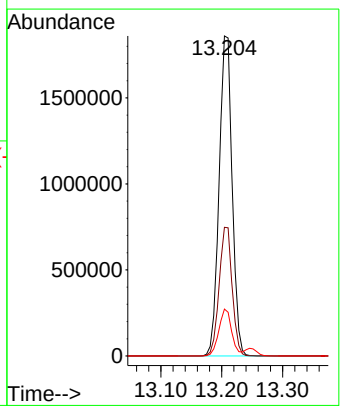
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

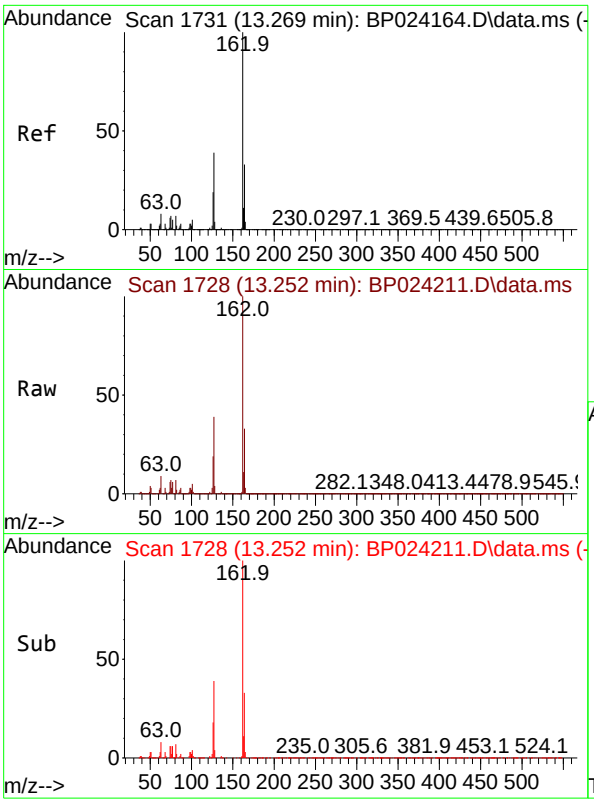


#46
1,1'-Biphenyl
Concen: 41.516 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:154 Resp: 2760283

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	14.7	0.0	32.9

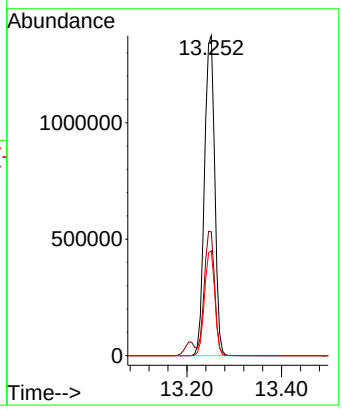




#47
2-Chloronaphthalene
Concen: 41.252 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:162 Resp: 206299

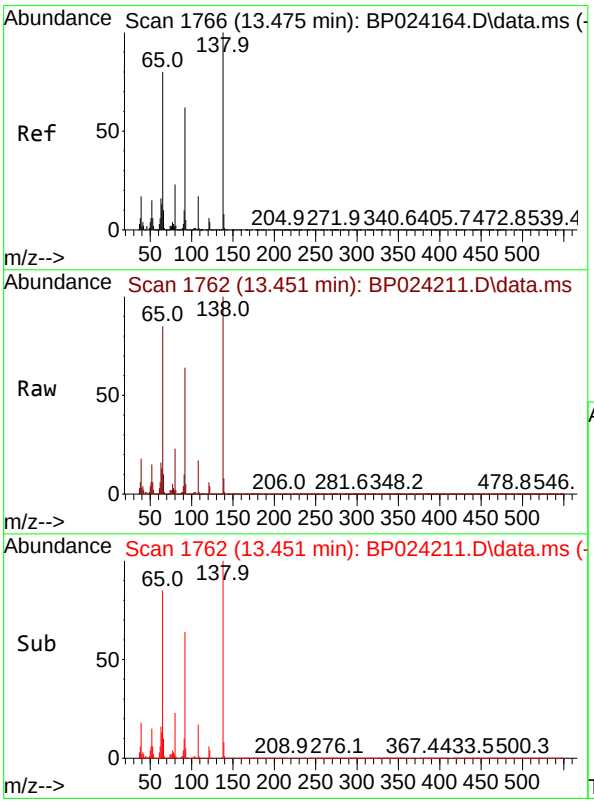
Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.5	47.3
164	32.8	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

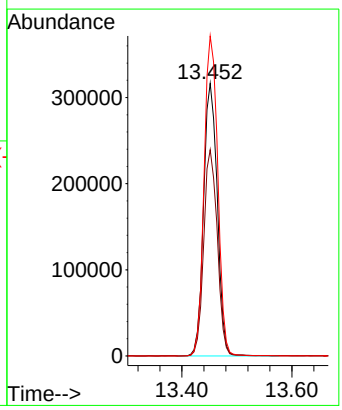
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

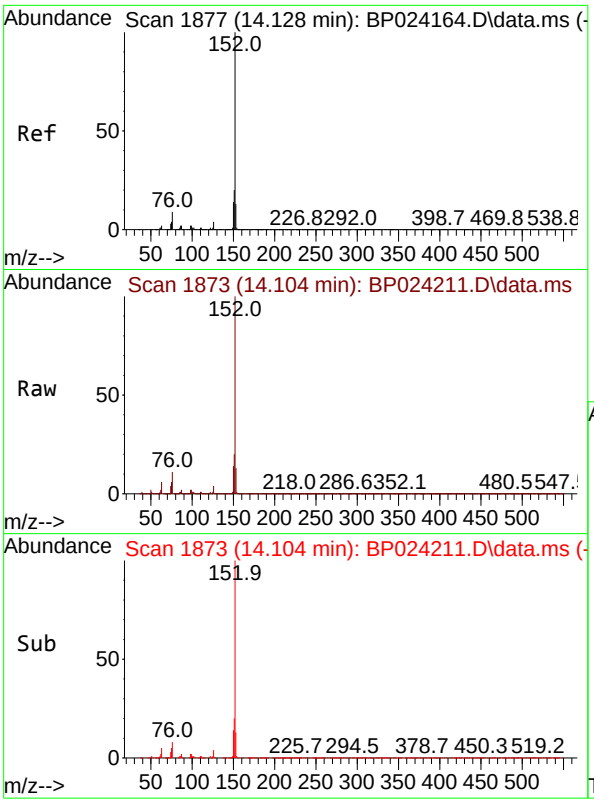


#48
2-Nitroaniline
Concen: 42.683 ng
RT: 13.451 min Scan# 1762
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 65 Resp: 545965

Ion	Ratio	Lower	Upper
65	100		
92	75.7	62.1	93.1
138	117.4	99.5	149.3





#49
Acenaphthylene
Concen: 41.603 ng
RT: 14.104 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

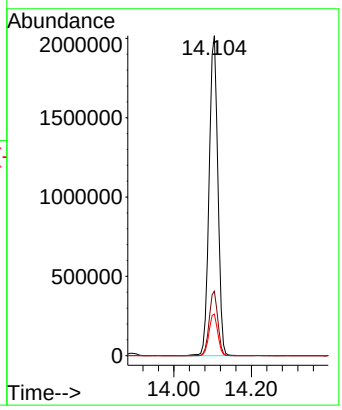
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

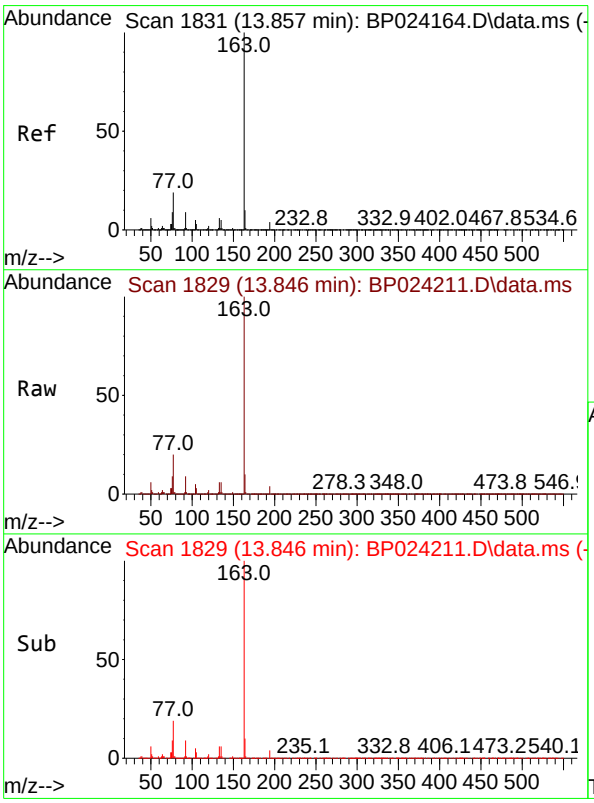
Tgt Ion:152 Resp: 314814

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.0	10.6	15.8

Manual Integrations
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Supervised By :Jagrut Upadhyay 04/09/2025

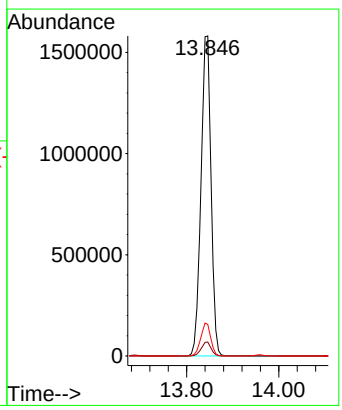


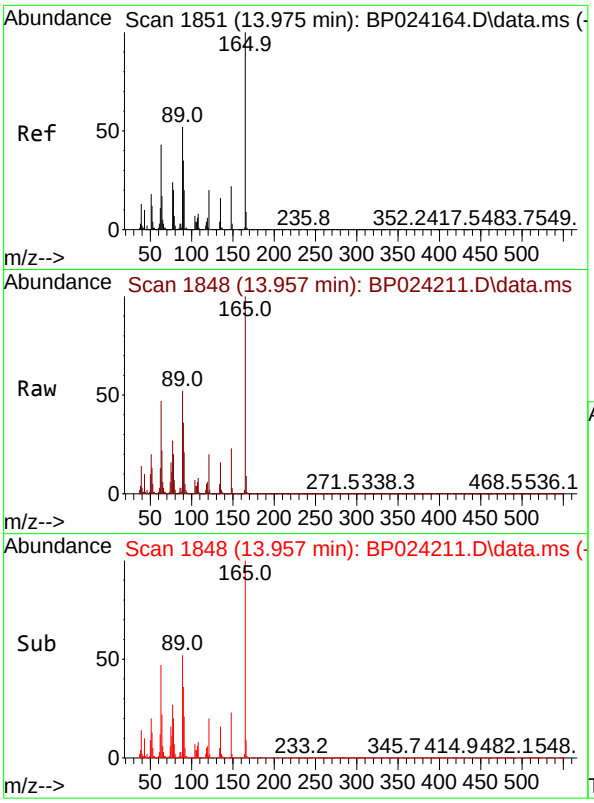


#50
Dimethylphthalate
Concen: 38.950 ng
RT: 13.846 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:163 Resp: 2411403

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	8.2	12.4

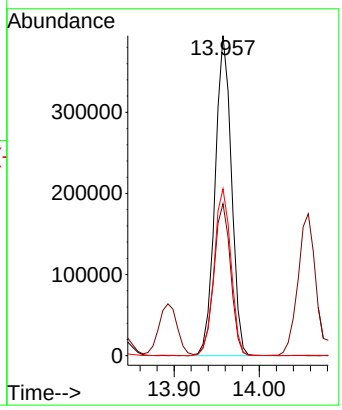




#51
2,6-Dinitrotoluene
Concen: 40.278 ng
RT: 13.957 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:165 Resp: 52466

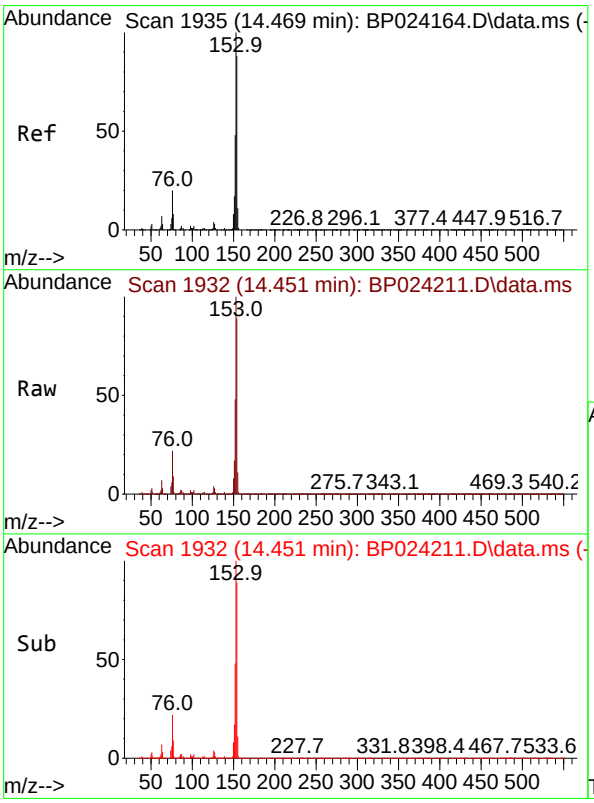
Ion	Ratio	Lower	Upper
165	100		
63	47.5	37.7	56.5
89	52.1	41.9	62.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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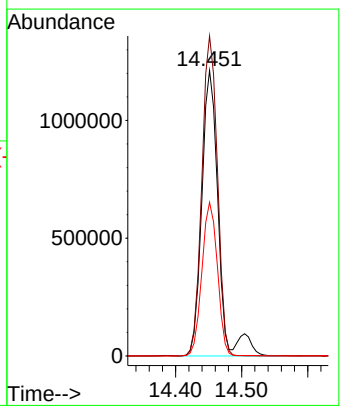
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

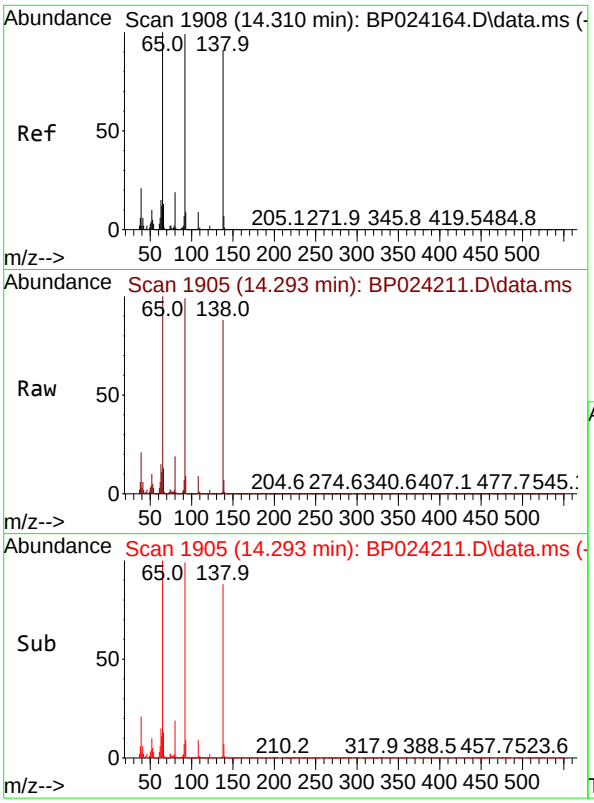


#52
Acenaphthene
Concen: 43.825 ng m
RT: 14.451 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:154 Resp: 2118846

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	53.8	43.1	64.7





#53
3-Nitroaniline
Concen: 39.066 ng
RT: 14.293 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

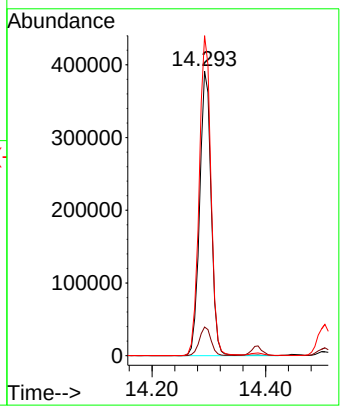
Tgt Ion:138 Resp: 54962

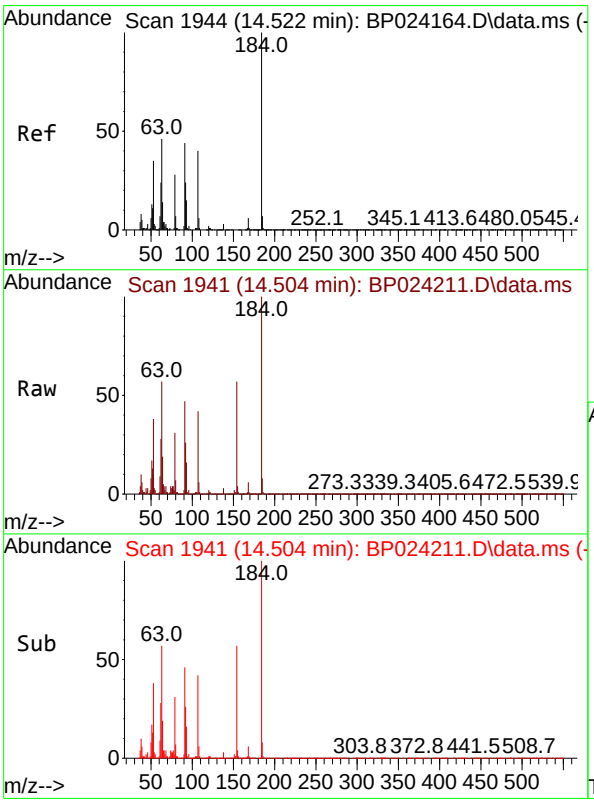
Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.2	12.2
92	112.5	86.7	130.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

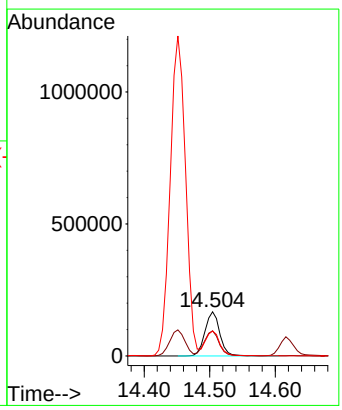


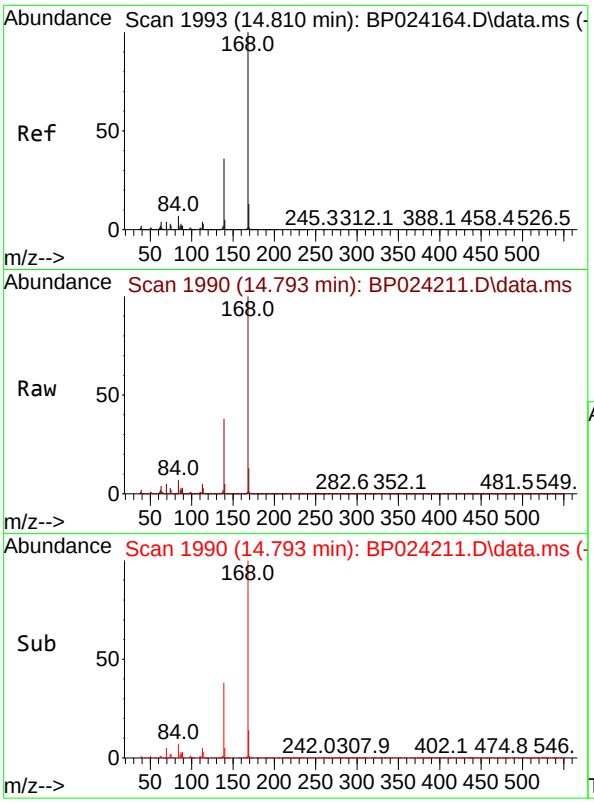


#54
2,4-Dinitrophenol
Concen: 38.187 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:184 Resp: 263202

Ion	Ratio	Lower	Upper
184	100		
63	56.8	42.1	63.1
154	56.7	44.6	67.0

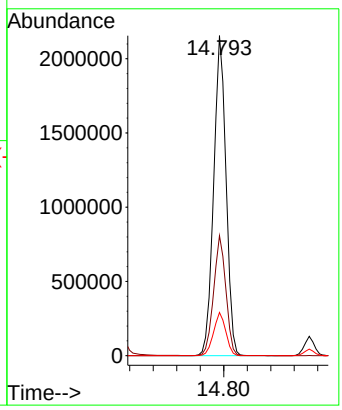




#55
Dibenzofuran
Concen: 40.164 ng
RT: 14.793 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:168 Resp: 314541

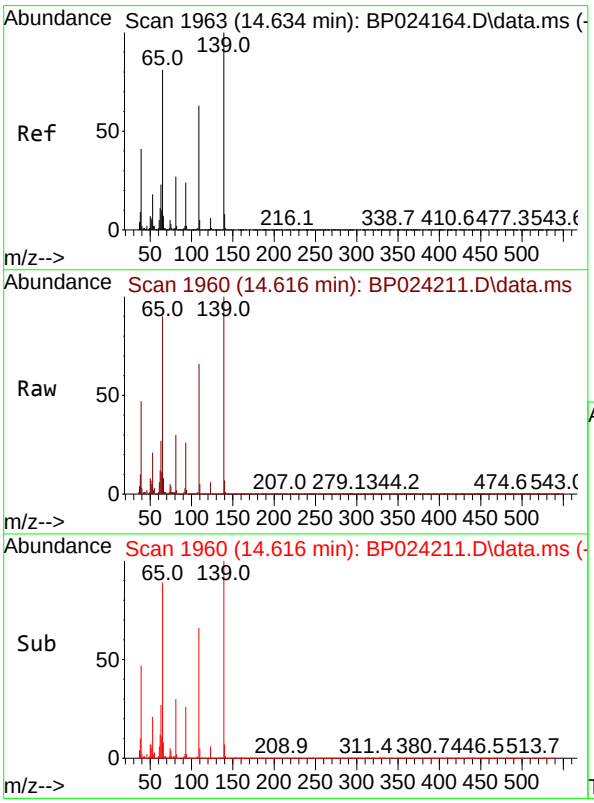
Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.1	43.7
169	13.5	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

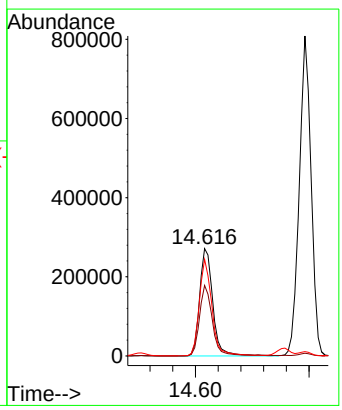
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

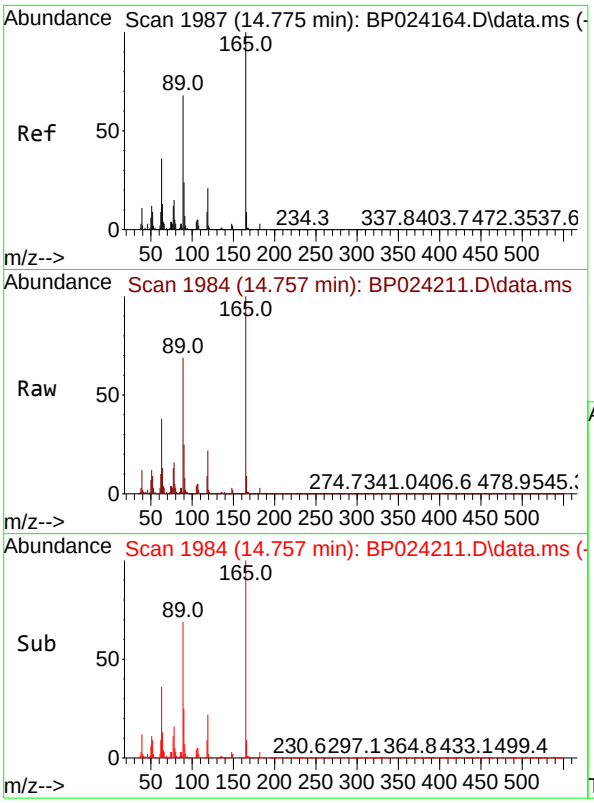


#56
4-Nitrophenol
Concen: 37.289 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:139 Resp: 438355

Ion	Ratio	Lower	Upper
139	100		
109	65.7	43.3	83.3
65	90.0	61.2	101.2

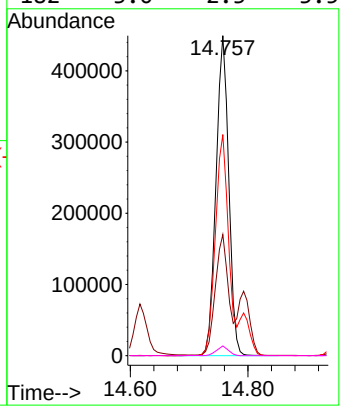




#57
2,4-Dinitrotoluene
Concen: 39.285 ng
RT: 14.757 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:165 Resp: 67595

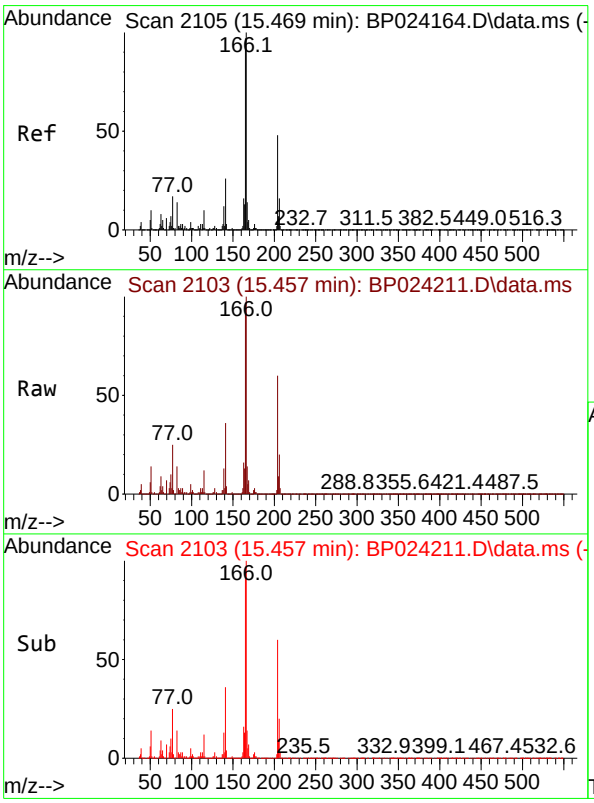
Ion	Ratio	Lower	Upper
165	100		
63	37.8	29.0	43.6
89	69.1	54.2	81.4
182	3.0	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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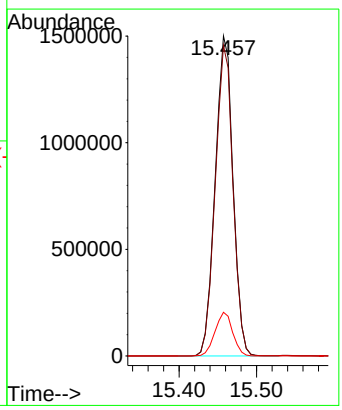
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

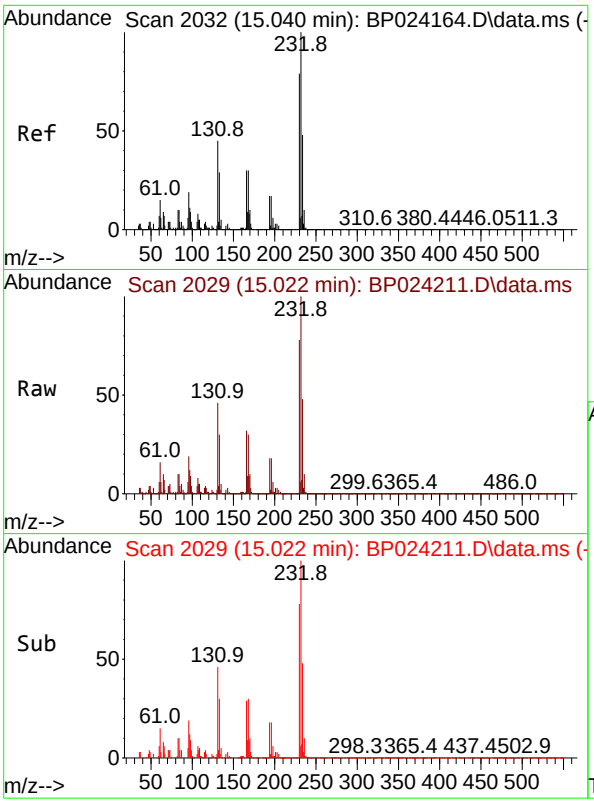


#58
Fluorene
Concen: 39.253 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:166 Resp: 2395113

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.6	116.4
167	13.6	10.8	16.2

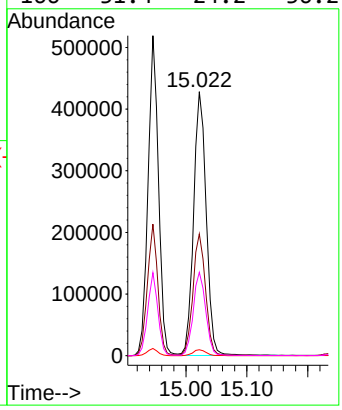




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.095 ng
RT: 15.022 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:232 Resp: 61571

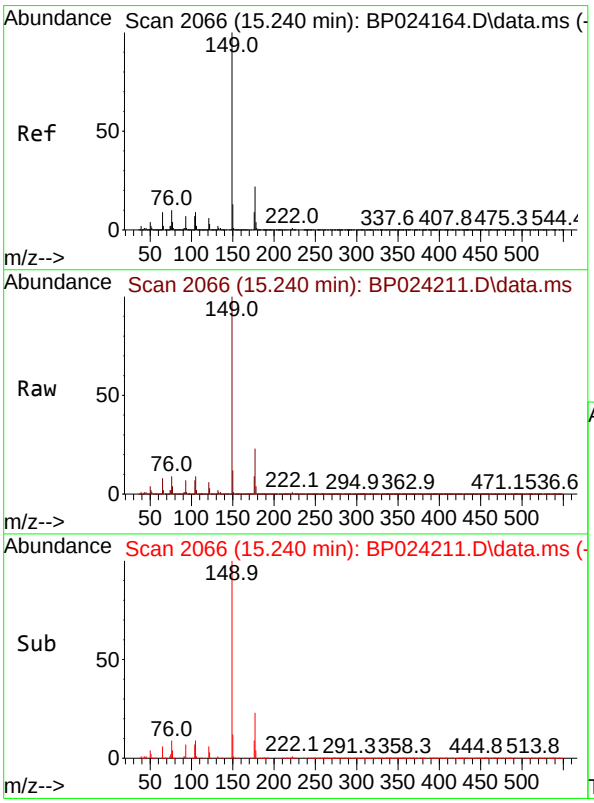
Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.9	53.9
130	2.4	1.8	2.6
166	31.4	24.2	36.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

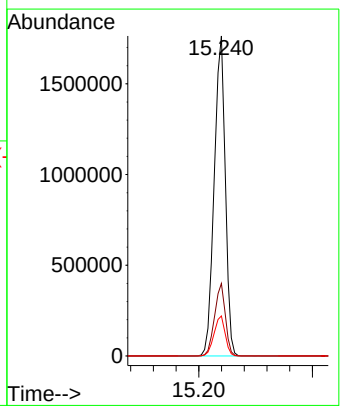
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

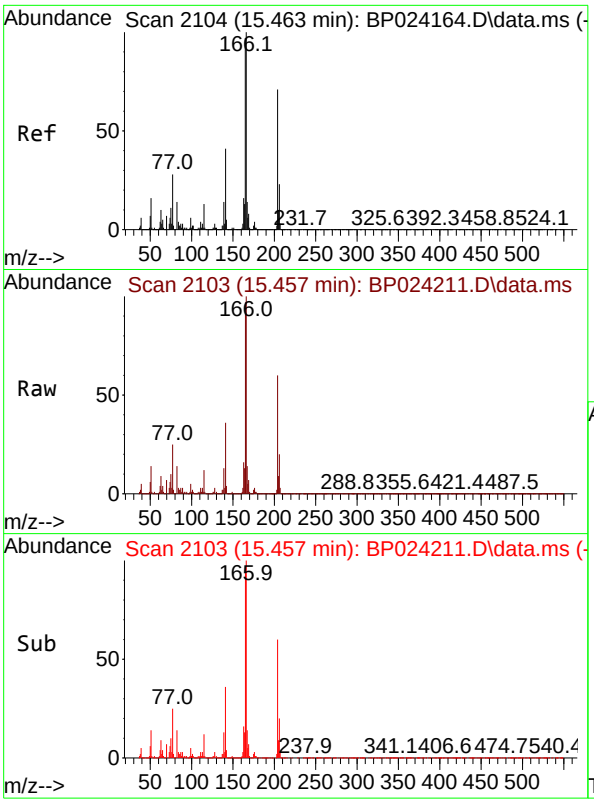


#60
Diethylphthalate
Concen: 38.612 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:149 Resp: 2380475

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.5	10.2	15.4

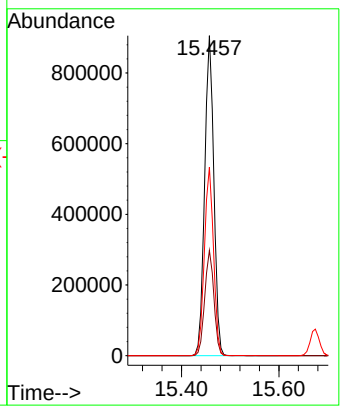




#61
4-Chlorophenyl-phenylether
Concen: 39.353 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:204 Resp: 117774

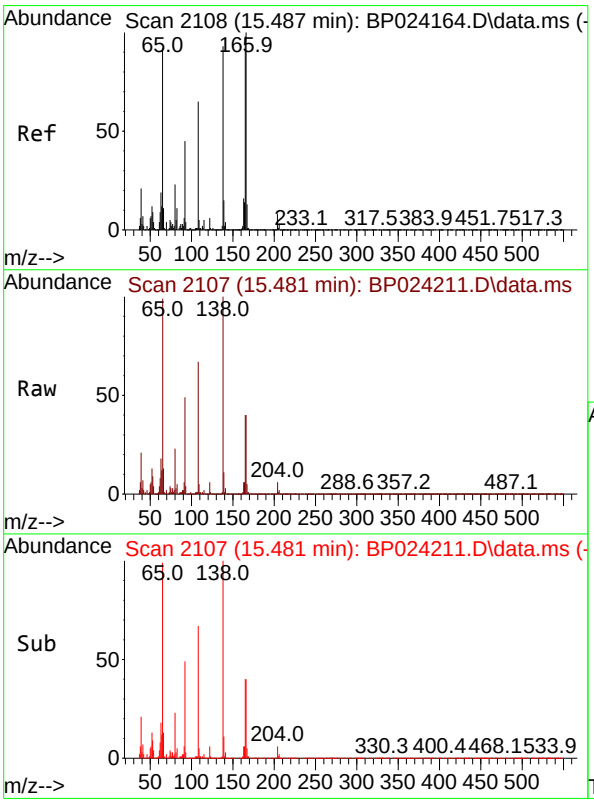
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	58.9	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

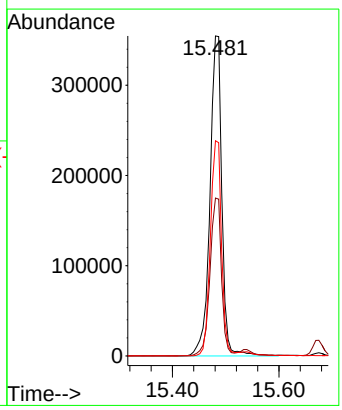
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

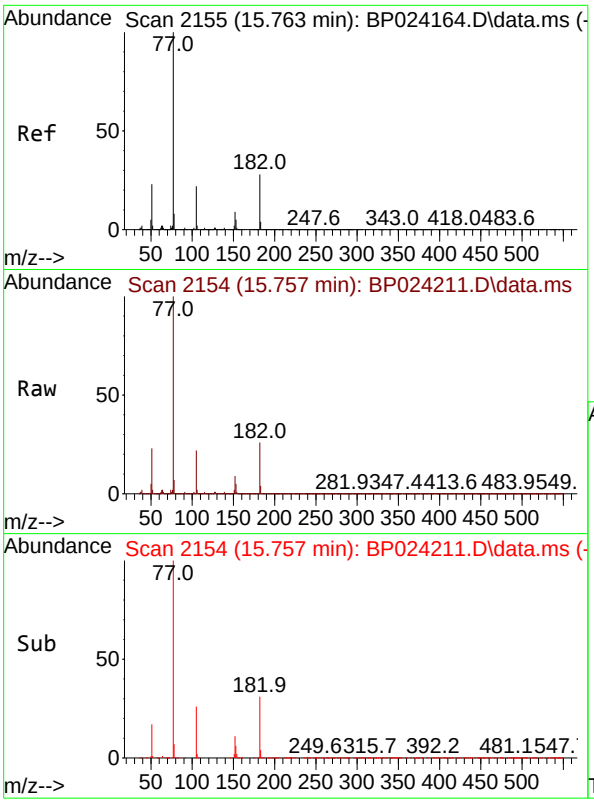


#62
4-Nitroaniline
Concen: 37.337 ng
RT: 15.481 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:138 Resp: 550942

Ion	Ratio	Lower	Upper
138	100		
92	49.3	28.7	68.7
108	67.3	49.5	89.5

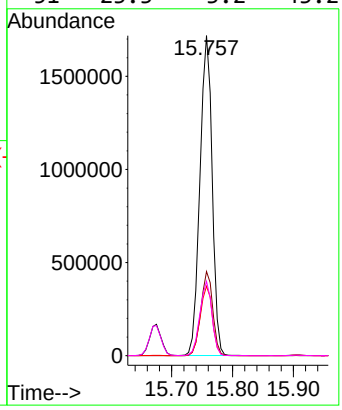




#63
Azobenzene
Concen: 41.241 ng
RT: 15.757 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 77 Resp: 239647

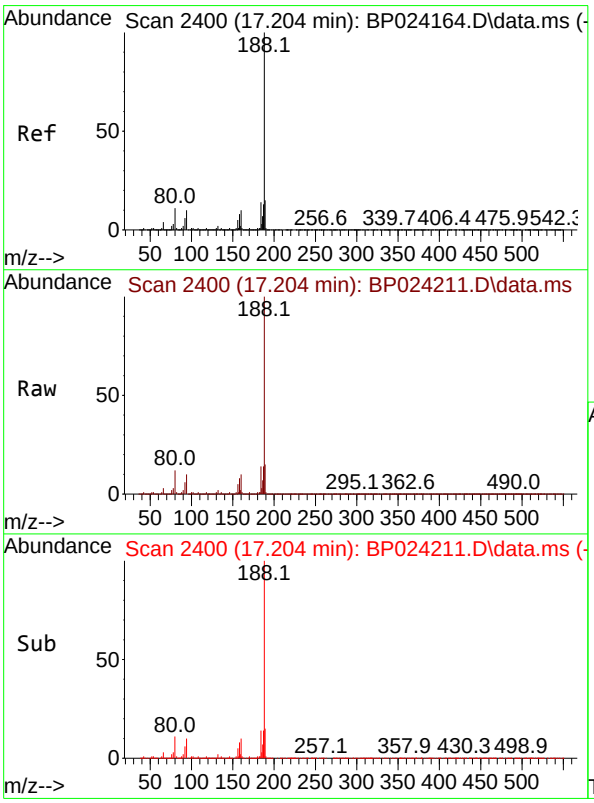
Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.7	47.7
105	21.7	2.3	42.3
51	23.3	3.2	43.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

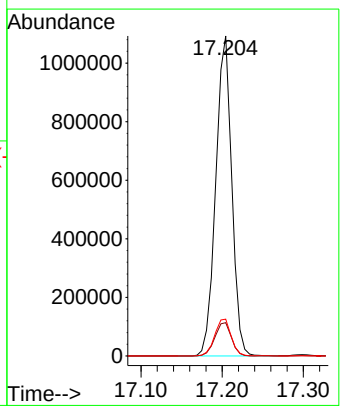
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

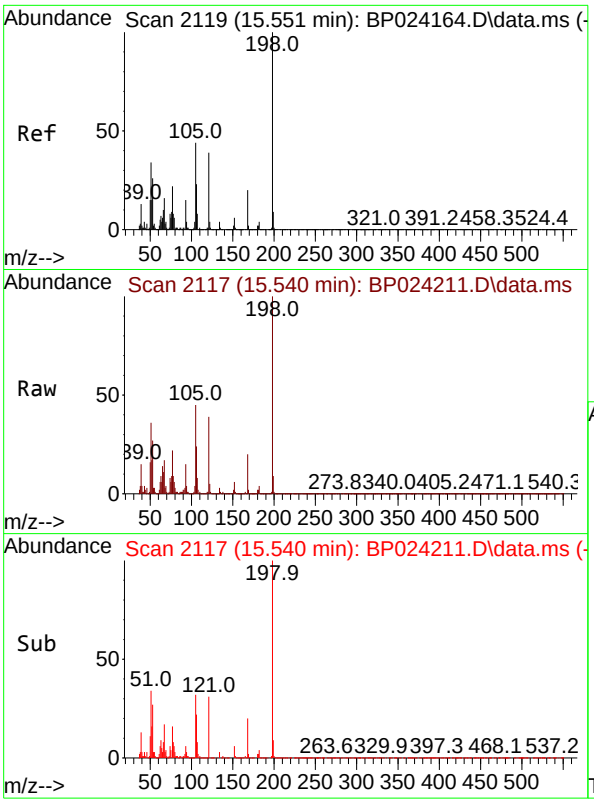


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:188 Resp: 1496179

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.5	8.9	13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 40.019 ng
RT: 15.540 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

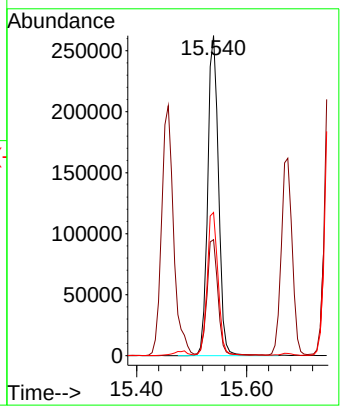
Tgt Ion:198 Resp: 35545

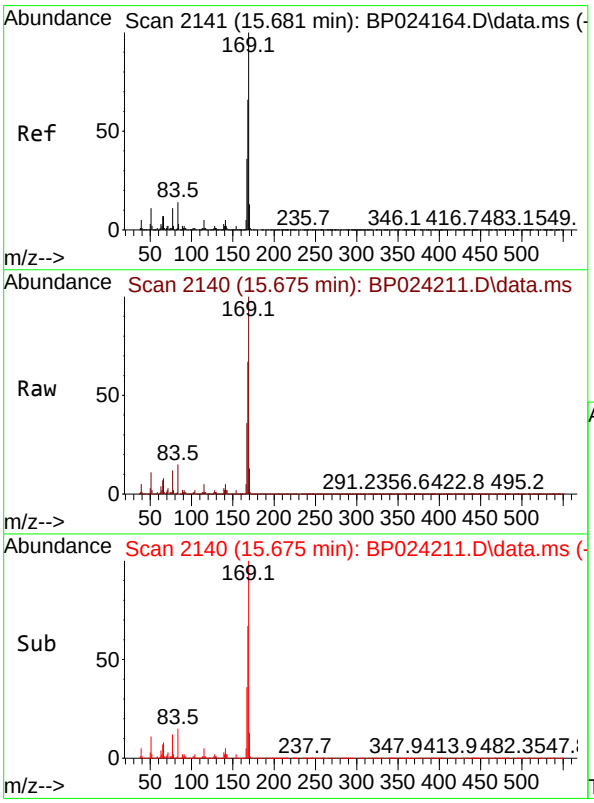
Ion	Ratio	Lower	Upper
198	100		
51	36.3	14.7	54.7
105	44.7	23.8	63.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

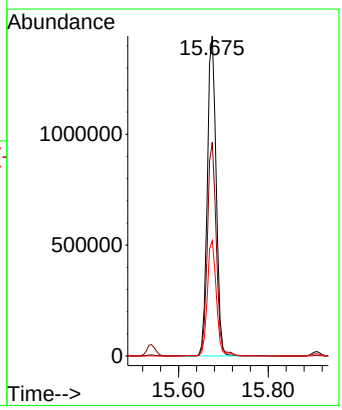


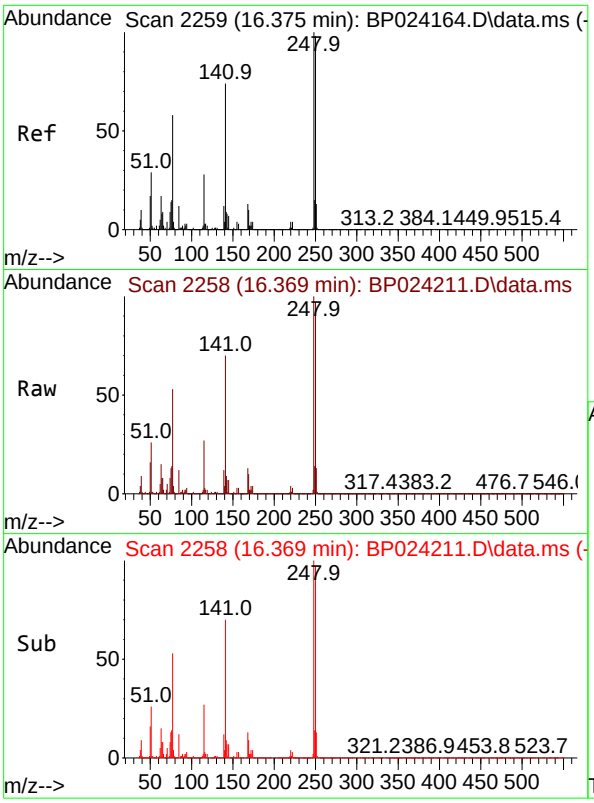


#66
n-Nitrosodiphenylamine
Concen: 43.144 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:169 Resp: 1960186

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.9	79.3
167	36.1	28.8	43.2

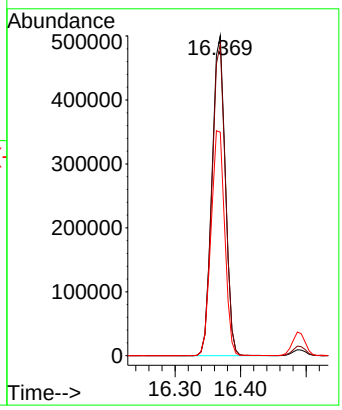




#67
4-Bromophenyl-phenylether
Concen: 43.113 ng
RT: 16.369 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:248 Resp: 70819

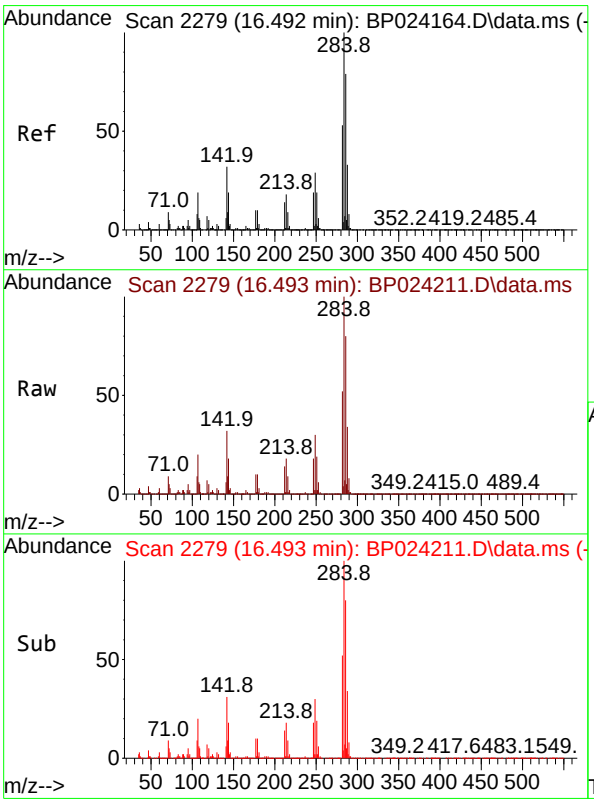
Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	69.8	59.4	89.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

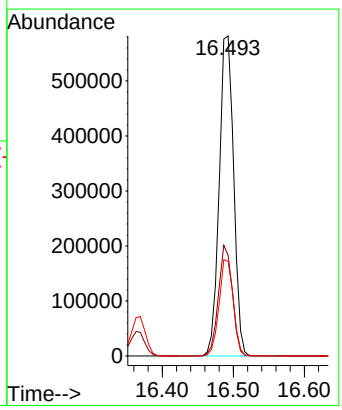
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

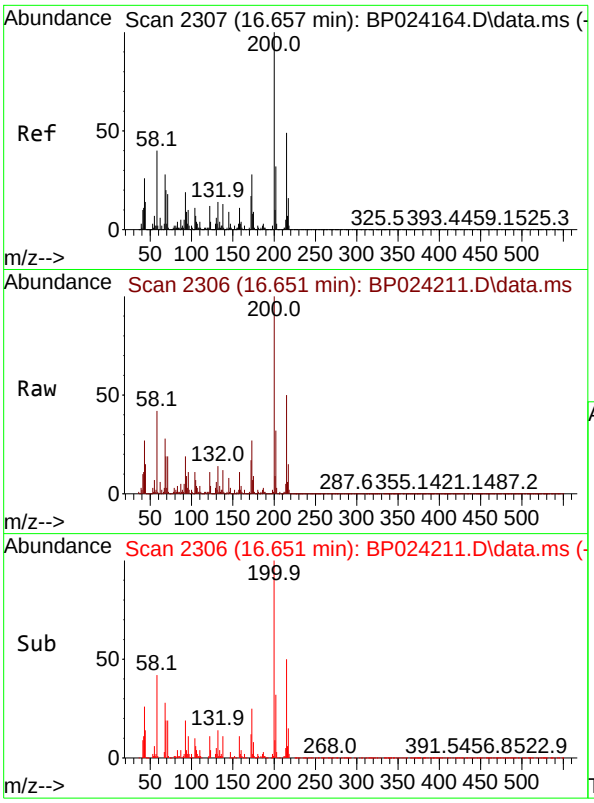


#68
Hexachlorobenzene
Concen: 42.056 ng
RT: 16.493 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:284 Resp: 817684

Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.4	38.2
249	29.6	23.5	35.3

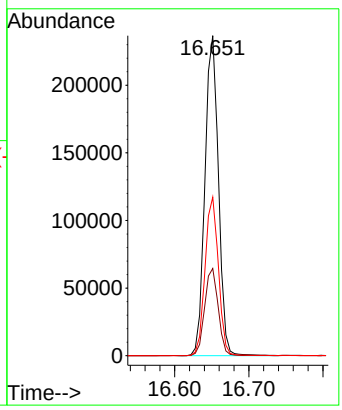




#69
Atrazine
Concen: 27.317 ng
RT: 16.651 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:200 Resp: 29956

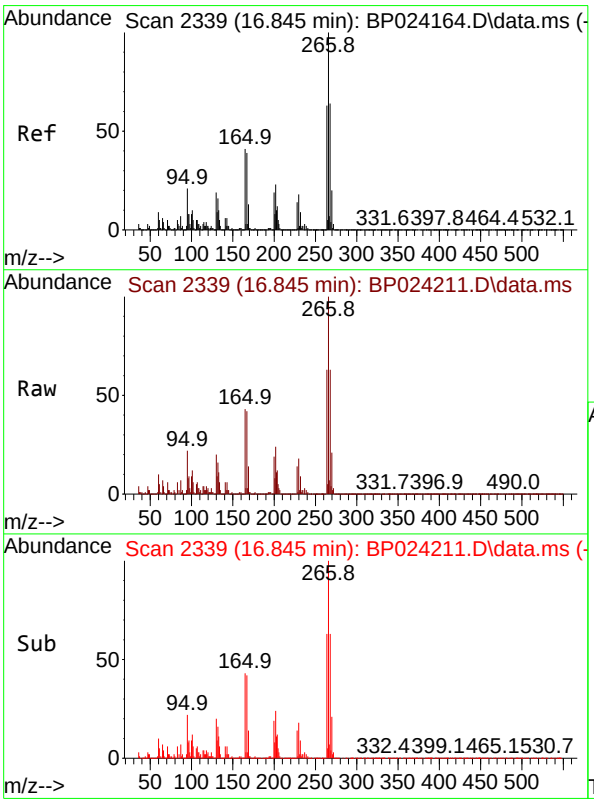
Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	49.5	29.0	69.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

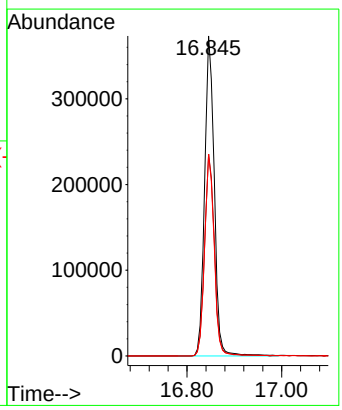
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

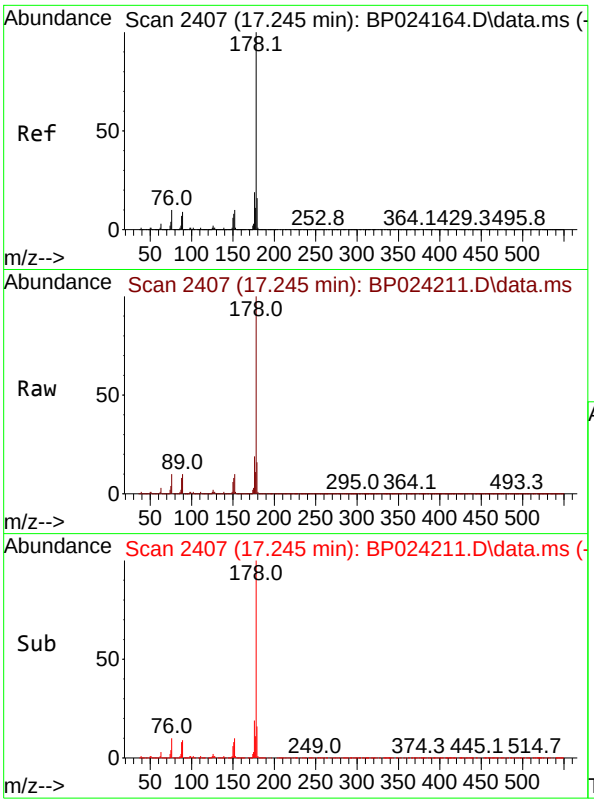


#70
Pentachlorophenol
Concen: 41.875 ng
RT: 16.845 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:266 Resp: 526505

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.3	76.9
264	63.1	50.6	76.0

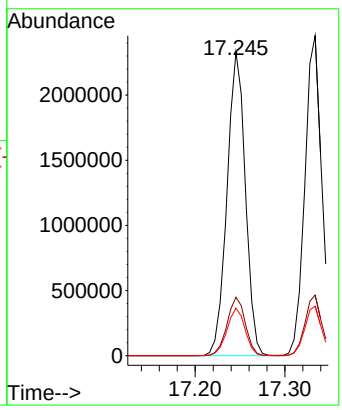




#71
Phenanthrene
Concen: 40.470 ng
RT: 17.245 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:178 Resp: 330786

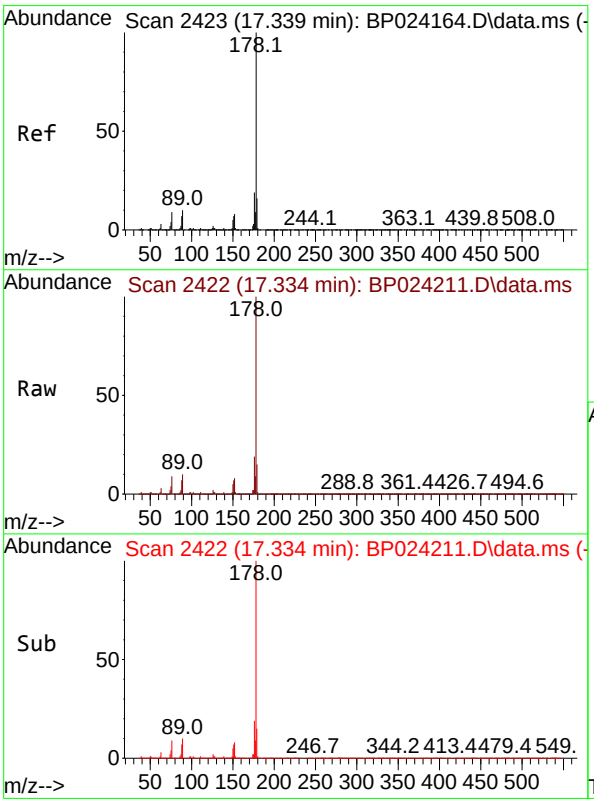
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.7	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

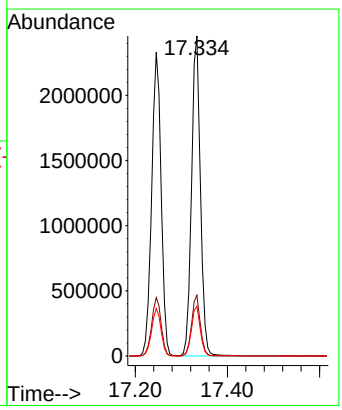
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

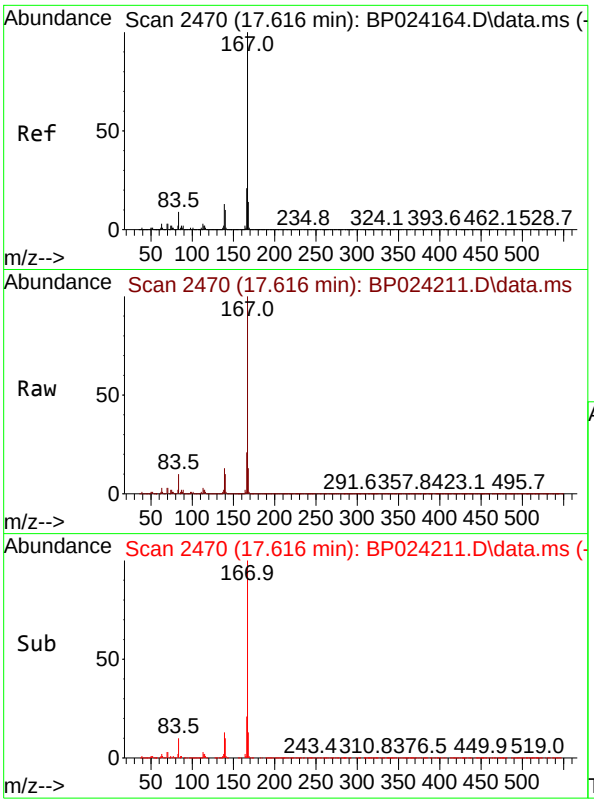


#72
Anthracene
Concen: 41.026 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:178 Resp: 3265969

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.6	18.8

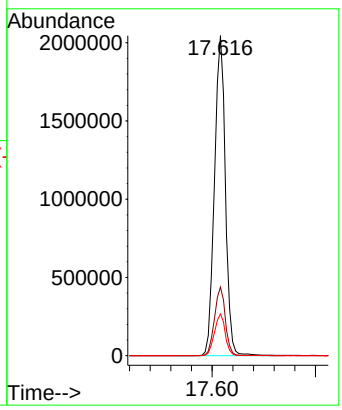




#73
Carbazole
Concen: 39.079 ng
RT: 17.616 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:167 Resp: 300014

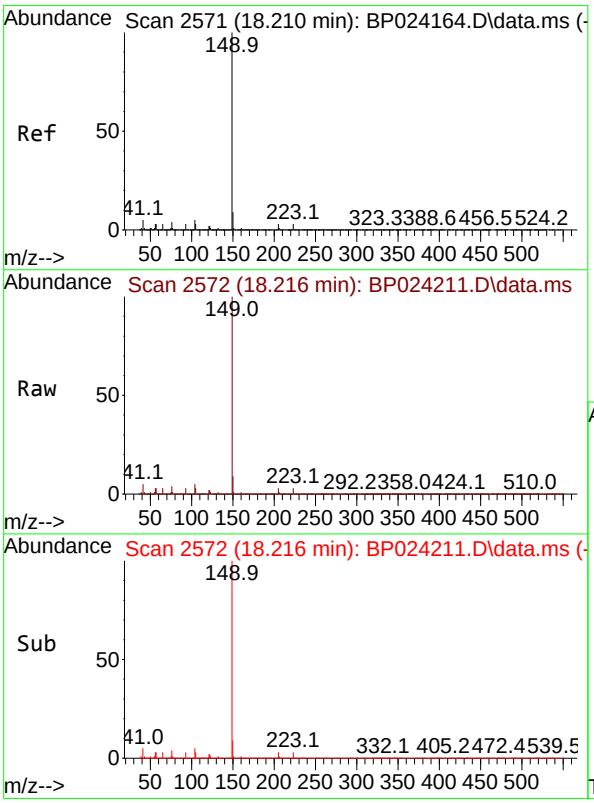
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.0	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

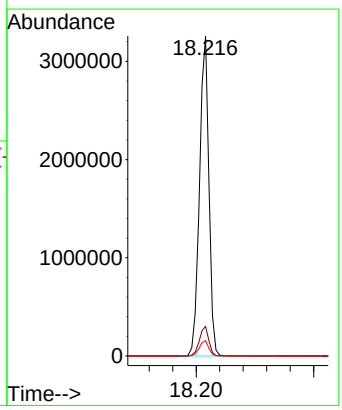
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

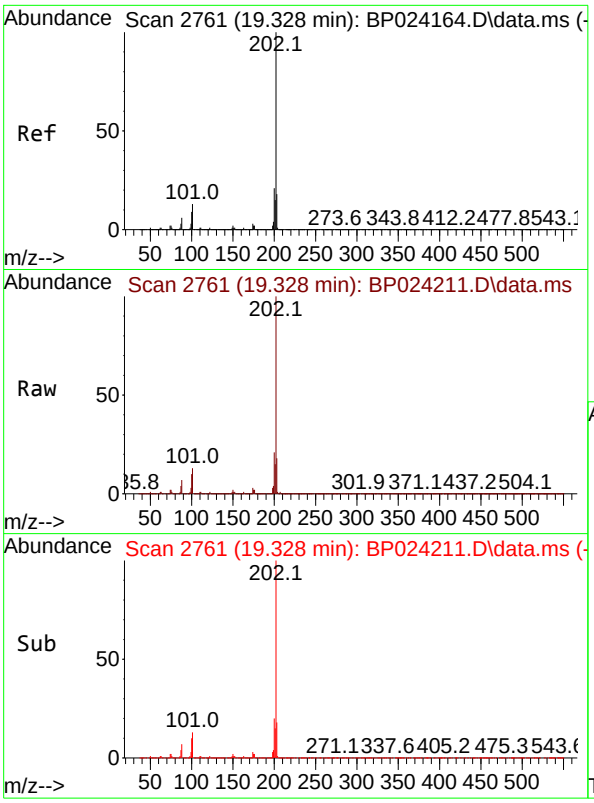


#74
Di-n-butylphthalate
Concen: 39.357 ng
RT: 18.216 min Scan# 2572
Delta R.T. 0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:149 Resp: 3586861

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.8	3.9	5.9

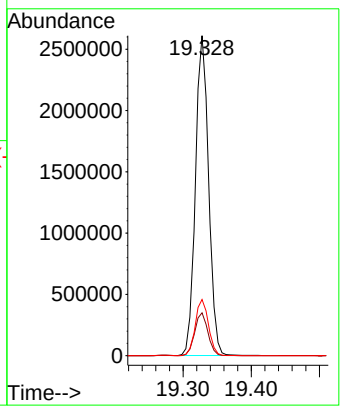




#75
Fluoranthene
Concen: 36.976 ng
RT: 19.328 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:202 Resp: 350024

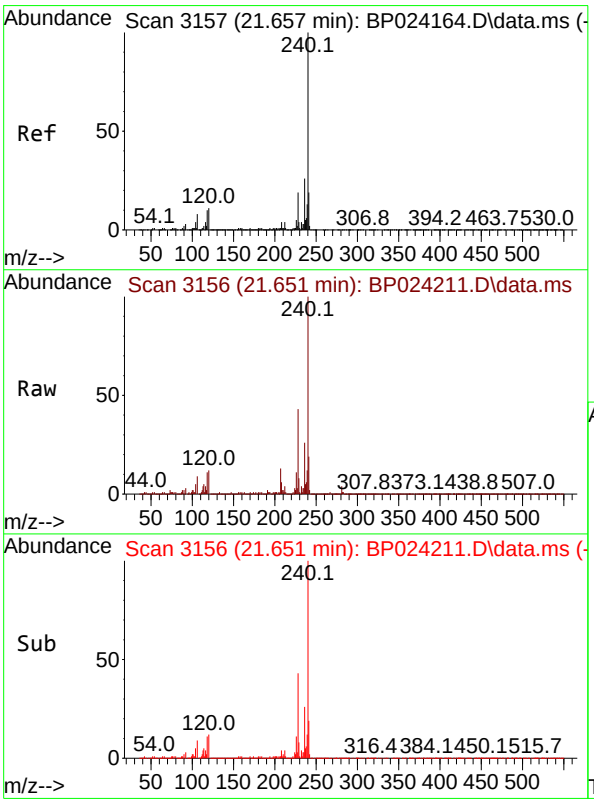
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.5
203	17.6	0.0	37.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

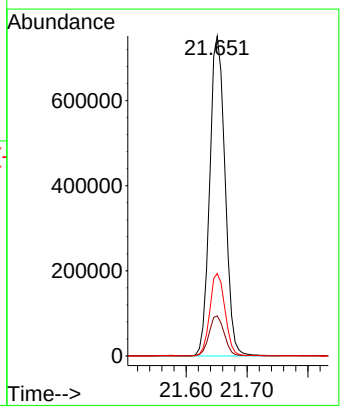
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

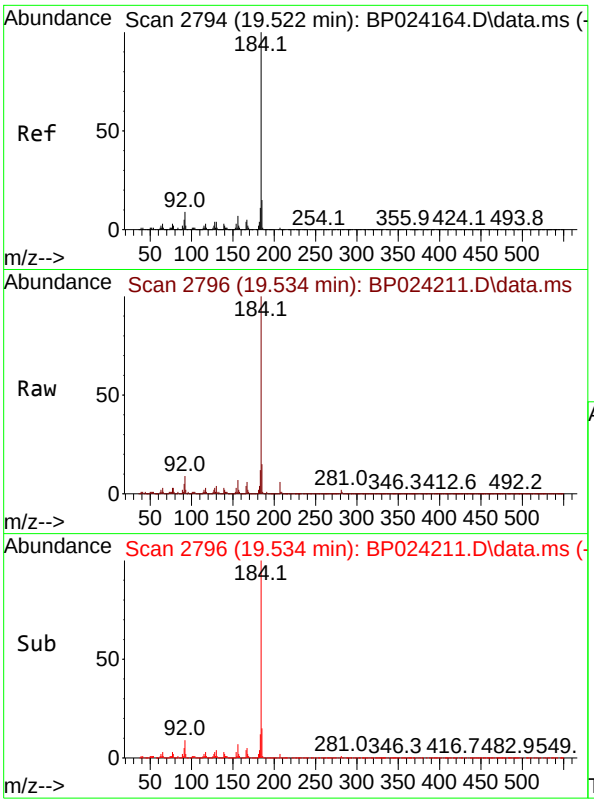


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:240 Resp: 1314875

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.2	13.8
236	25.7	20.4	30.6

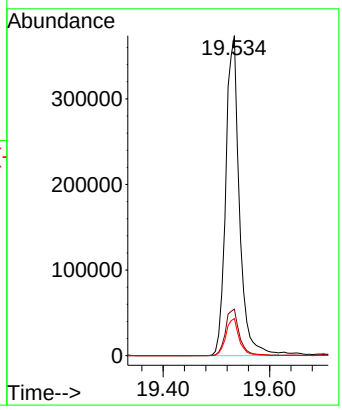




#77
Benzidine
Concen: 46.154 ng
RT: 19.534 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:184 Resp: 66351

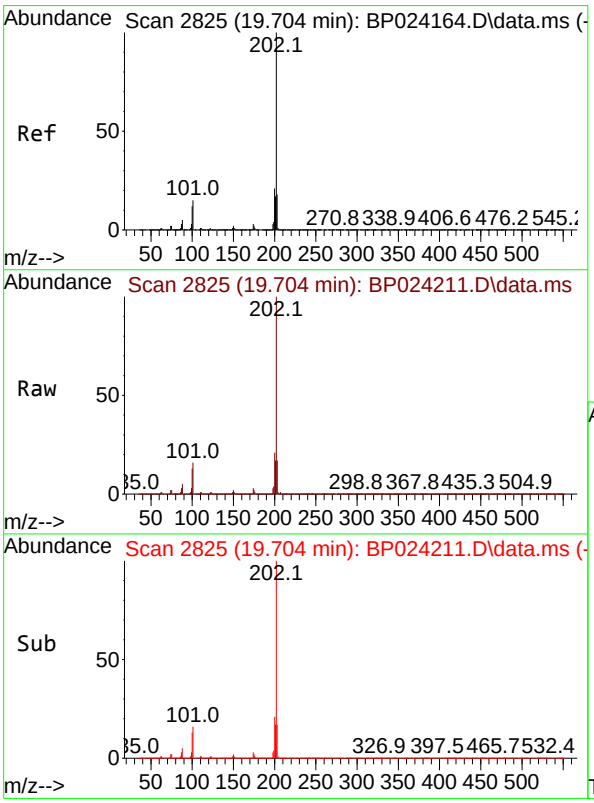
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.6	9.1	13.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

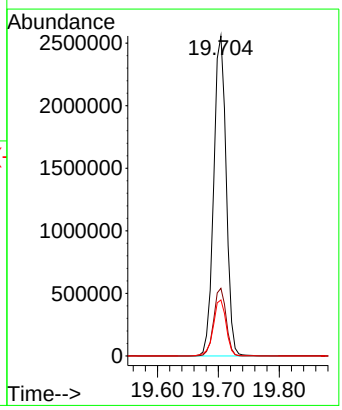
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

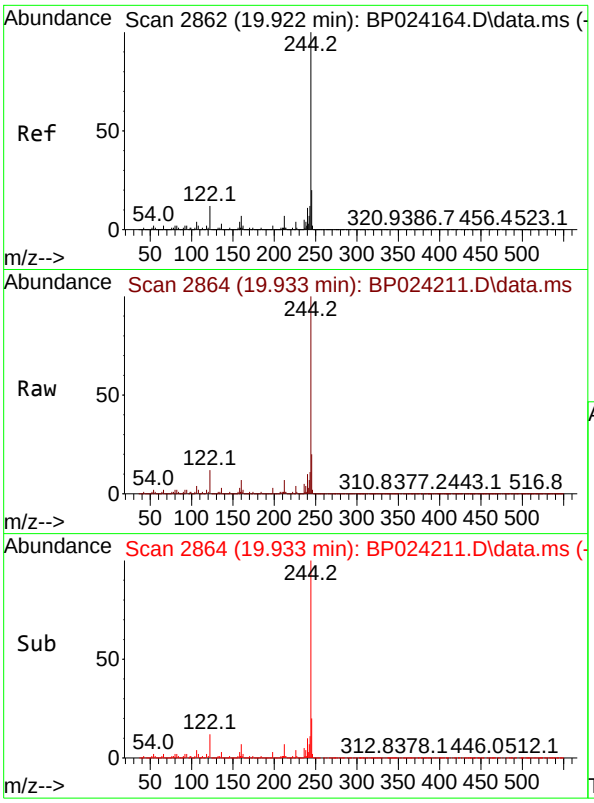


#78
Pyrene
Concen: 44.402 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:202 Resp: 3629606

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.5	14.2	21.4





#79
Terphenyl-d14
Concen: 87.742 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

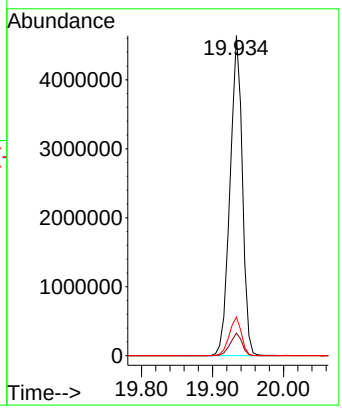
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

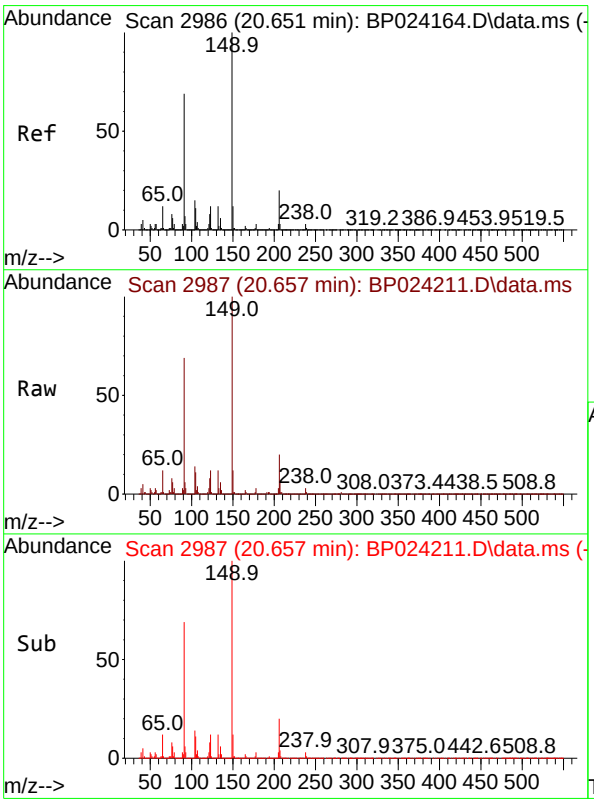
Tgt Ion:244 Resp: 558902

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.1	9.6	14.4

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

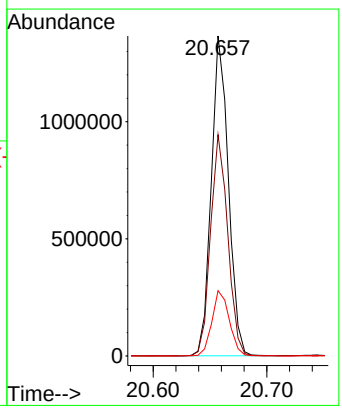


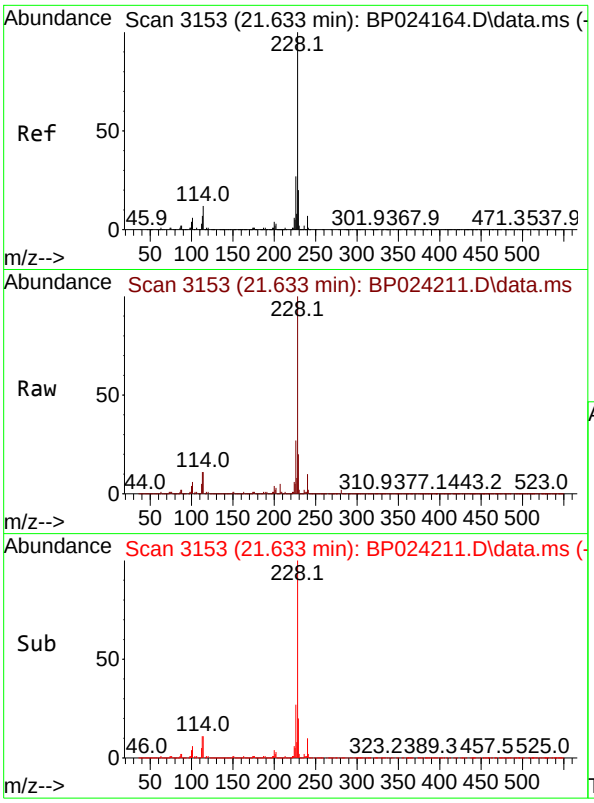


#80
Butylbenzylphthalate
Concen: 42.284 ng
RT: 20.657 min Scan# 2987
Delta R.T. 0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:149 Resp: 1425388

Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.3	82.9
206	20.4	16.1	24.1

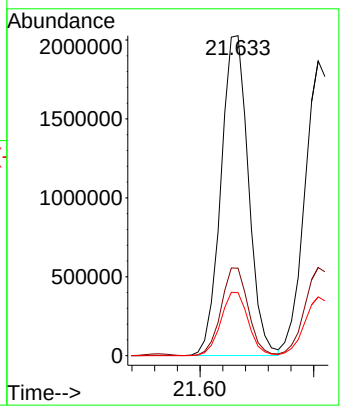




#81
Benzo(a)anthracene
Concen: 41.743 ng
RT: 21.633 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:228 Resp: 341241

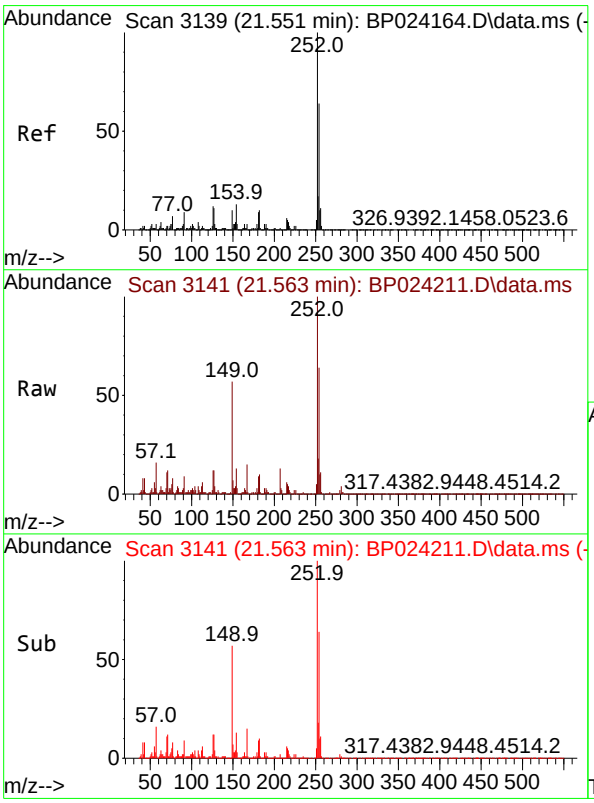
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

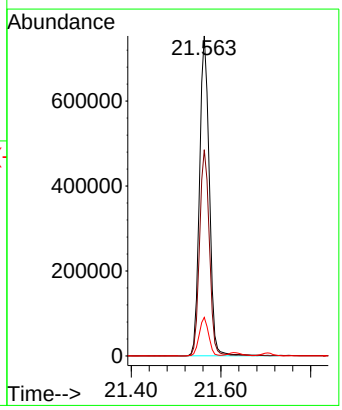
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

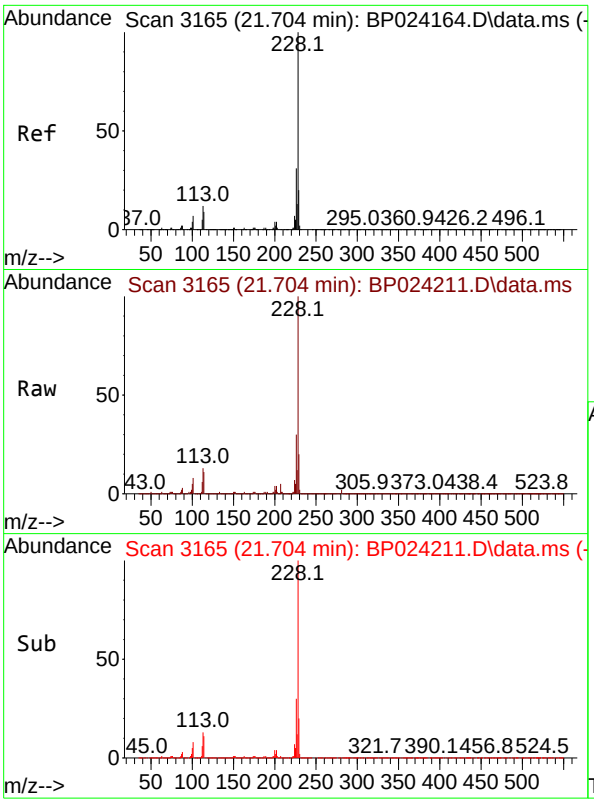


#82
3,3'-Dichlorobenzidine
Concen: 41.580 ng
RT: 21.563 min Scan# 3141
Delta R.T. 0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:252 Resp: 1139237

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	12.0	9.3	13.9

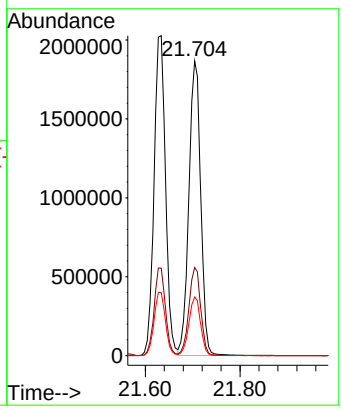




#83
Chrysene
Concen: 41.167 ng
RT: 21.704 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:228 Resp: 323517

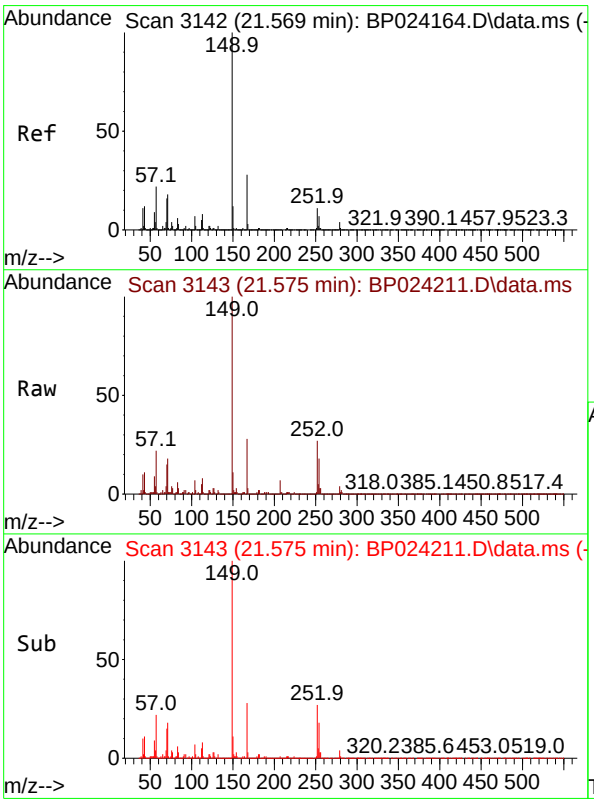
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	19.9	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

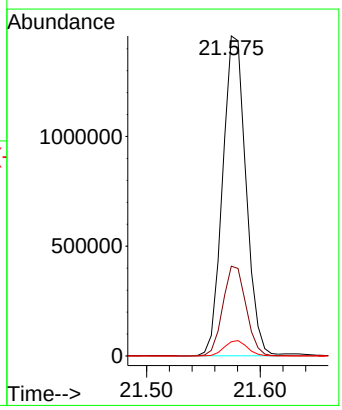
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

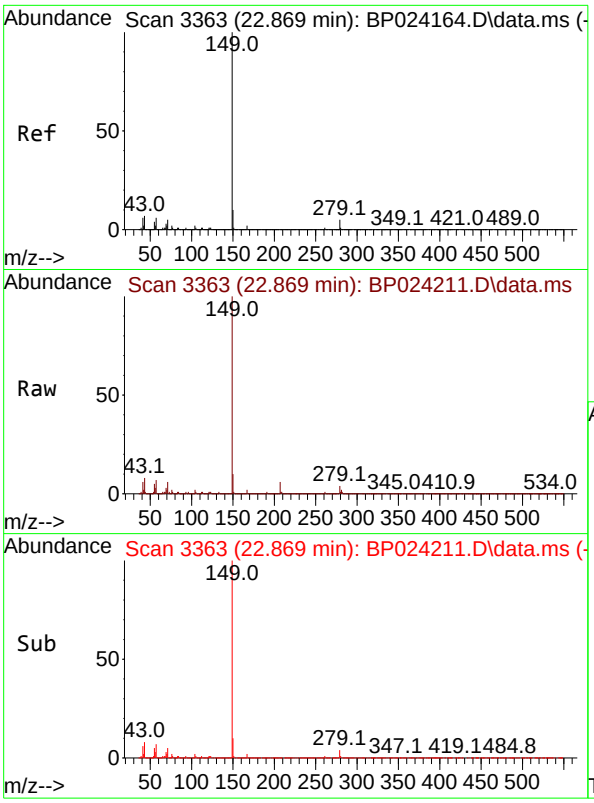


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.864 ng
RT: 21.575 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:149 Resp: 2078574

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	4.5	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 39.264 ng
RT: 22.869 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

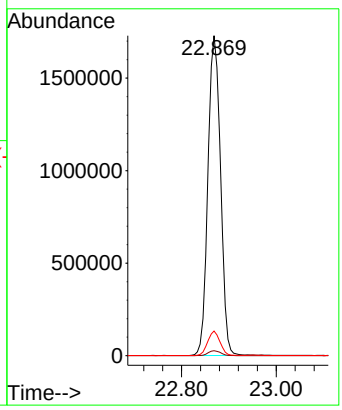
Tgt Ion:149 Resp: 319993

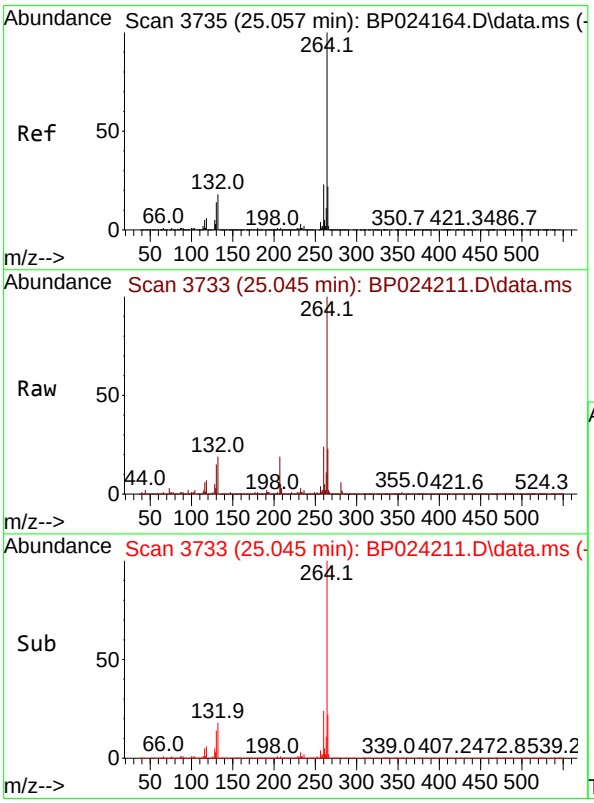
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.5	5.8	8.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

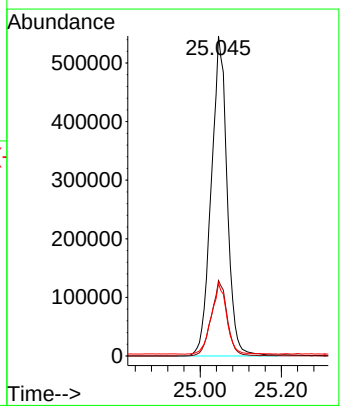


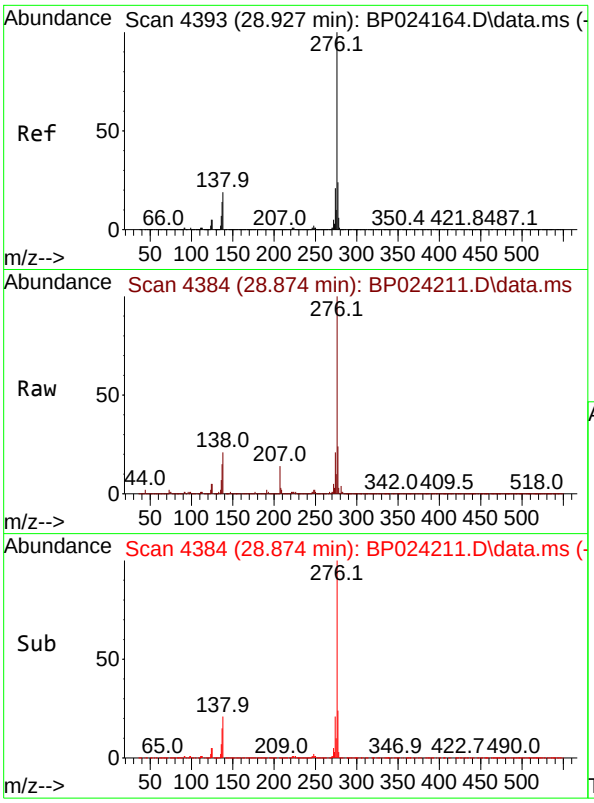


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.045 min Scan# 3733
Delta R.T. -0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:264 Resp: 1482251

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.7	17.7	26.5

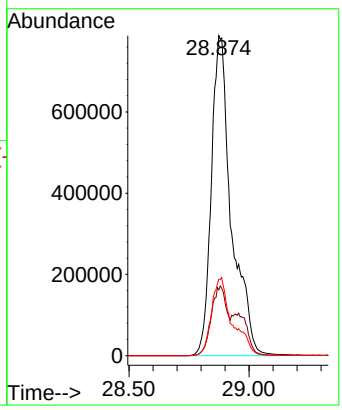




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.328 ng
RT: 28.874 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:276 Resp: 458575

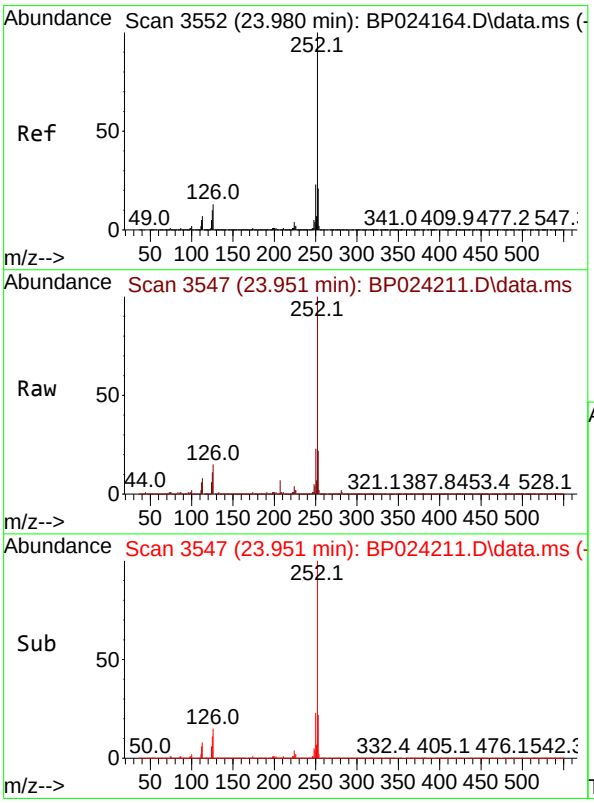
Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.7	20.5
277	25.3	20.2	30.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

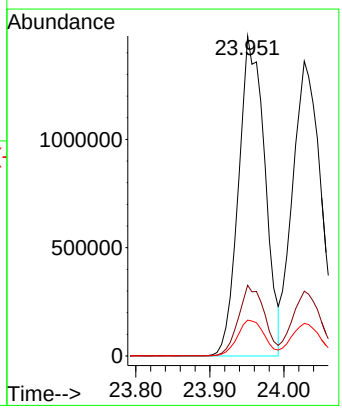
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

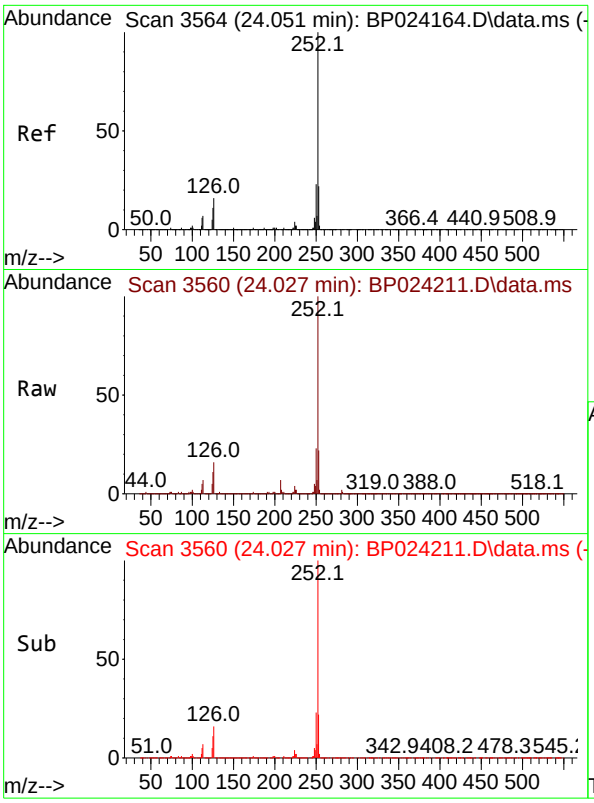


#88
Benzo(b)fluoranthene
Concen: 40.620 ng
RT: 23.951 min Scan# 3547
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:252 Resp: 3630246

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.2	8.2	12.4





#89
Benzo(k)fluoranthene
Concen: 41.392 ng
RT: 24.027 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

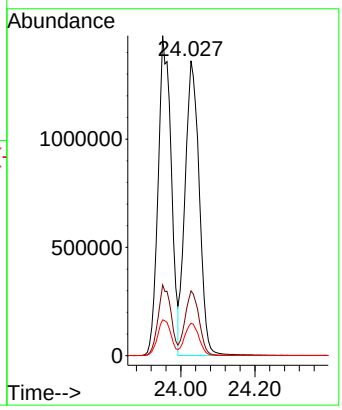
Tgt Ion:252 Resp: 361854

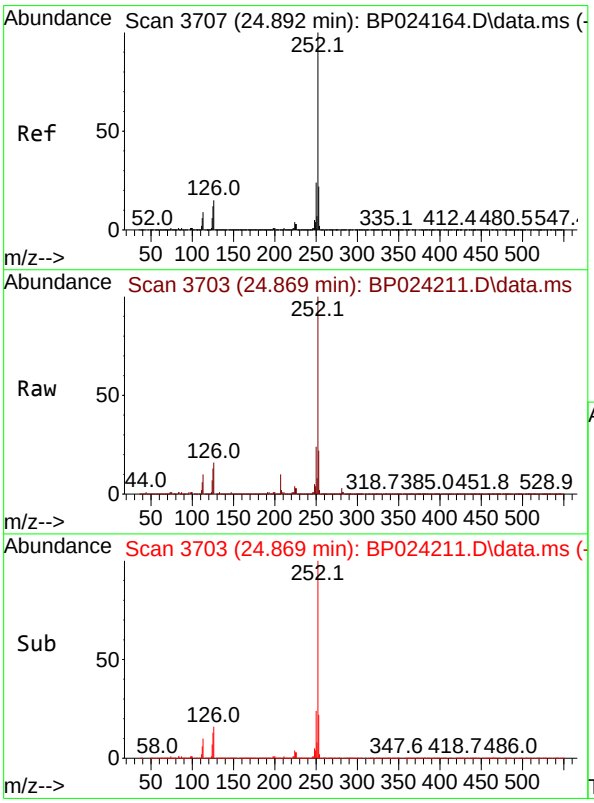
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	9.1	13.7

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

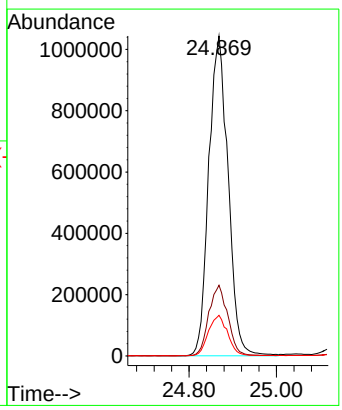


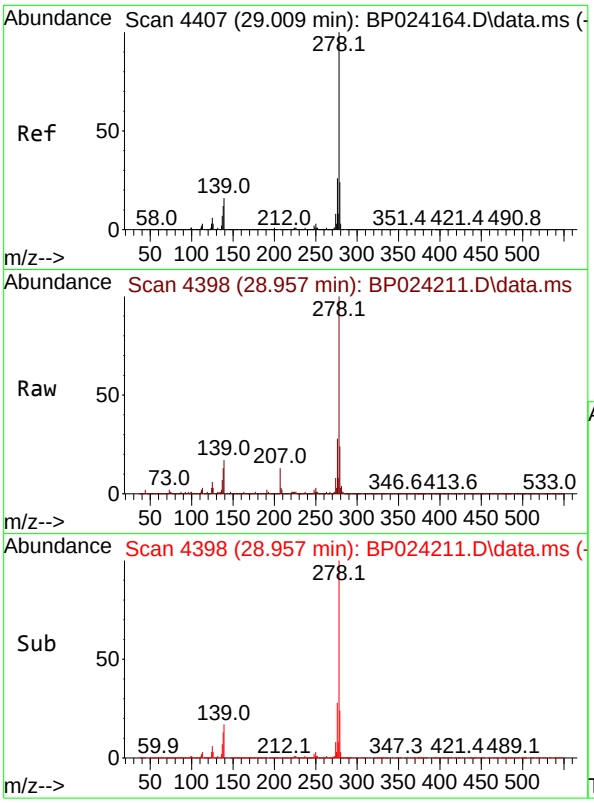


#90
Benzo(a)pyrene
Concen: 41.128 ng
RT: 24.869 min Scan# 3703
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:252 Resp: 3196190

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	12.7	9.6	14.4

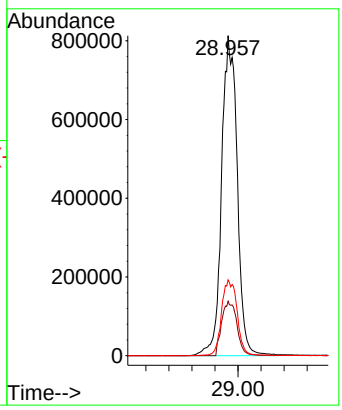




#91
Dibenzo(a,h)anthracene
Concen: 44.420 ng
RT: 28.957 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:278 Resp: 382302

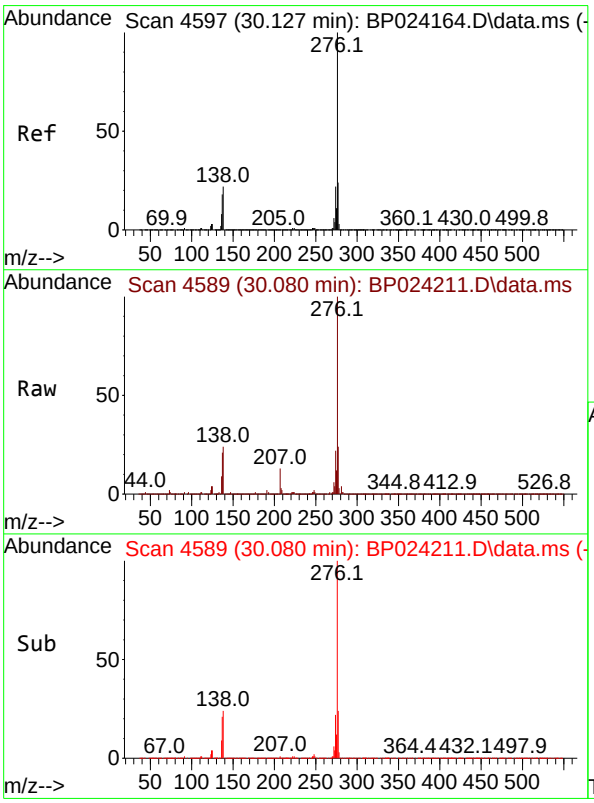
Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.0	19.4
279	23.7	18.8	28.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

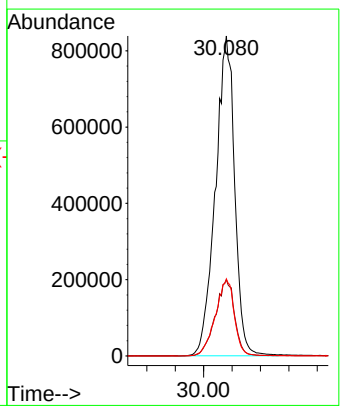
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#92
Benzo(g,h,i)perylene
Concen: 45.033 ng
RT: 30.080 min Scan# 4589
Delta R.T. -0.047 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:276 Resp: 3939846

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.1	17.4	26.2



Sample Results: **BP024211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	109	-0.03
2		1,4-Dioxane	0.497	0.534	-7.4	124	-0.02
3		Pyridine	1.358	1.363	-0.4	113	-0.02
4		n-Nitrosodimethylamine	0.454	0.464	-2.2	117	-0.02
5	S	2-Fluorophenol	1.253	1.293	-3.2	116	-0.03
6		Aniline	1.527	1.476	3.3	108	-0.04
7	S	Phenol-d6	1.675	1.657	1.1	111	-0.03
8		2-Chlorophenol	1.353	1.351	0.1	113	-0.04
9		Benzaldehyde	0.809	0.860	-6.3	120	-0.03
10	C	Phenol	1.691	1.666	1.5	112	-0.03
11		bis(2-Chloroethyl)ether	1.334	1.321	1.0	113	-0.03
12		1,3-Dichlorobenzene	1.459	1.463	-0.3	115	-0.04
13	C	1,4-Dichlorobenzene	1.490	1.487	0.2	115	-0.04
14		1,2-Dichlorobenzene	1.430	1.404	1.8	113	-0.04
15		Benzyl Alcohol	1.061	1.028	3.1	108	-0.04
16		2,2'-oxybis(1-Chloropropane	1.361	1.388	-2.0	117	-0.04
17		2-Methylphenol	1.061	1.032	2.7	108	-0.04
18		Hexachloroethane	0.529	0.536	-1.3	115	-0.04
19	P	n-Nitroso-di-n-propylamine	0.972	0.939	3.4	106	-0.04
20		3+4-Methylphenols	1.457	1.405	3.6	107	-0.04
21	I	Naphthalene-d8	1.000	1.000	0.0	104	-0.04
22		Acetophenone	0.506	0.507	-0.2	106	-0.04
23	S	Nitrobenzene-d5	0.354	0.367	-3.7	109	-0.04
24		Nitrobenzene	0.350	0.361	-3.1	110	-0.04
25		Isophorone	0.608	0.611	-0.5	105	-0.04
26	C	2-Nitrophenol	0.167	0.173	-3.6	105	-0.04
27		2,4-Dimethylphenol	0.215	0.216	-0.5	104	-0.04
28		bis(2-Chloroethoxy)methane	0.427	0.432	-1.2	108	-0.04
29	C	2,4-Dichlorophenol	0.291	0.296	-1.7	104	-0.04
30		1,2,4-Trichlorobenzene	0.321	0.324	-0.9	108	-0.04
31		Naphthalene	1.060	1.066	-0.6	108	-0.04
32		Benzoic acid	0.209	0.204	2.4	97	-0.03
33		4-Chloroaniline	0.379	0.368	2.9	102	-0.03
34	C	Hexachlorobutadiene	0.185	0.187	-1.1	108	-0.04
35		Caprolactam	0.095	0.087	8.4	93	-0.03
36	C	4-Chloro-3-methylphenol	0.313	0.309	1.3	102	-0.03
37		2-Methylnaphthalene	0.716	0.703	1.8	104	-0.02
38		1-Methylnaphthalene	0.697	0.682	2.2	105	-0.04
39	I	Acenaphthene-d10	1.000	1.000	0.0	95	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.604	-4.5	103	-0.03
41	P	Hexachlorocyclopentadiene	0.208	0.219	-5.3	98	-0.02
42	S	2,4,6-Tribromophenol	0.252	0.242	4.0	91	0.00
43	C	2,4,6-Trichlorophenol	0.367	0.388	-5.7	99	-0.03
44		2,4,5-Trichlorophenol	0.403	0.415	-3.0	97	-0.02
45	S	2-Fluorobiphenyl	1.356	1.391	-2.6	100	-0.02
46		1,1'-Biphenyl	1.503	1.560	-3.8	101	-0.02
47		2-Chloronaphthalene	1.130	1.166	-3.2	101	-0.02

Sample Results: **BP024211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	0.309	-6.9	100	-0.02
49		Acenaphthylene	1.710	1.779	-4.0	102	-0.02
50		Dimethylphthalate	1.399	1.363	2.6	95	-0.01
51		2,6-Dinitrotoluene	0.294	0.296	-0.7	96	-0.02
52	C	Acenaphthene	1.093	1.197	-9.5	107	-0.02
53		3-Nitroaniline	0.318	0.311	2.2	92	-0.02
54	P	2,4-Dinitrophenol	0.156	0.149	4.5	89	-0.02
55		Dibenzofuran	1.770	1.778	-0.5	99	-0.02
56	P	4-Nitrophenol	0.266	0.248	6.8	85	-0.02
57		2,4-Dinitrotoluene	0.389	0.382	1.8	92	-0.02
58		Fluorene	1.379	1.354	1.8	96	-0.01
59		2,3,4,6-Tetrachlorophenol	0.356	0.348	2.2	93	-0.02
60		Diethylphthalate	1.394	1.345	3.5	94	0.00
61		4-Chlorophenyl-phenylether	0.676	0.666	1.5	96	0.00
62		4-Nitroaniline	0.334	0.311	6.9	86	0.00
63		Azobenzene	1.314	1.354	-3.0	100	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	87	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.119	0.0	86	-0.01
66	c	n-Nitrosodiphenylamine	0.607	0.655	-7.9	95	0.00
67		4-Bromophenyl-phenylether	0.220	0.237	-7.7	95	0.00
68		Hexachlorobenzene	0.260	0.273	-5.0	94	0.00
69		Atrazine	0.147	0.100	32.0#	64	0.00
70	C	Pentachlorophenol	0.168	0.176	-4.8	86	0.00
71		Phenanthrene	1.093	1.105	-1.1	89	0.00
72		Anthracene	1.064	1.091	-2.5	89	0.00
73		Carbazole	1.026	1.003	2.2	84	0.00
74		Di-n-butylphthalate	1.218	1.199	1.6	83	0.00
75	C	Fluoranthene	1.265	1.170	7.5	80	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	70	0.00
77		Benzidine	0.219	0.252	-15.1	68	0.01
78		Pyrene	1.243	1.380	-11.0	80	0.00
79	S	Terphenyl-d14	0.969	1.063	-9.7	78	0.01
80		Butylbenzylphthalate	0.513	0.542	-5.7	72	0.00
81		Benzo(a)anthracene	1.243	1.298	-4.4	75	0.00
82		3,3'-Dichlorobenzidine	0.417	0.433	-3.8	71	0.01
83		Chrysene	1.195	1.230	-2.9	74	0.00
84		Bis(2-ethylhexyl)phthalate	0.774	0.790	-2.1	70	0.00
85	c	Di-n-octyl phthalate	1.240	1.217	1.9	67	0.00
86	I	Perylene-d12	1.000	1.000	0.0	73	-0.01
87		Indeno(1,2,3-cd)pyrene	1.396	1.547	-10.8	82	-0.05
88		Benzo(b)fluoranthene	1.206	1.225	-1.6	75	-0.03
89		Benzo(k)fluoranthene	1.180	1.221	-3.5	78	-0.02
90	C	Benzo(a)pyrene	1.049	1.078	-2.8	76	-0.02
91		Dibenzo(a,h)anthracene	1.161	1.290	-11.1	82	-0.05
92		Benzo(g,h,i)perylene	1.180	1.329	-12.6	84	-0.05

Sample Results: **BP024211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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: **BP024211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	109	-0.03
2		1,4-Dioxane	40.000	43.047	-7.6	124	-0.02
3		Pyridine	40.000	40.164	-0.4	113	-0.02
4		n-Nitrosodimethylamine	40.000	40.895	-2.2	117	-0.02
5	S	2-Fluorophenol	80.000	82.554	-3.2	116	-0.03
6		Aniline	40.000	38.677	3.3	108	-0.04
7	S	Phenol-d6	80.000	79.095	1.1	111	-0.03
8		2-Chlorophenol	40.000	39.918	0.2	113	-0.04
9		Benzaldehyde	40.000	42.530	-6.3	120	-0.03
10	C	Phenol	40.000	39.401	1.5	112	-0.03
11		bis(2-Chloroethyl)ether	40.000	39.629	0.9	113	-0.03
12		1,3-Dichlorobenzene	40.000	40.107	-0.3	115	-0.04
13	C	1,4-Dichlorobenzene	40.000	39.910	0.2	115	-0.04
14		1,2-Dichlorobenzene	40.000	39.263	1.8	113	-0.04
15		Benzyl Alcohol	40.000	38.780	3.0	108	-0.04
16		2,2'-oxybis(1-Chloropropane	40.000	40.798	-2.0	117	-0.04
17		2-Methylphenol	40.000	38.925	2.7	108	-0.04
18		Hexachloroethane	40.000	40.550	-1.4	115	-0.04
19	P	n-Nitroso-di-n-propylamine	40.000	38.622	3.4	106	-0.04
20		3+4-Methylphenols	40.000	38.565	3.6	107	-0.04
21	I	Naphthalene-d8	20.000	20.000	0.0	104	-0.04
22		Acetophenone	40.000	40.130	-0.3	106	-0.04
23	S	Nitrobenzene-d5	80.000	82.938	-3.7	109	-0.04
24		Nitrobenzene	40.000	41.315	-3.3	110	-0.04
25		Isophorone	40.000	40.232	-0.6	105	-0.04
26	C	2-Nitrophenol	40.000	41.396	-3.5	105	-0.04
27		2,4-Dimethylphenol	40.000	40.194	-0.5	104	-0.04
28		bis(2-Chloroethoxy)methane	40.000	40.436	-1.1	108	-0.04
29	C	2,4-Dichlorophenol	40.000	40.695	-1.7	104	-0.04
30		1,2,4-Trichlorobenzene	40.000	40.425	-1.1	108	-0.04
31		Naphthalene	40.000	40.209	-0.5	108	-0.04
32		Benzoic acid	40.000	38.975	2.6	97	-0.03
33		4-Chloroaniline	40.000	38.833	2.9	102	-0.03
34	C	Hexachlorobutadiene	40.000	40.450	-1.1	108	-0.04
35		Caprolactam	40.000	36.348	9.1	93	-0.03
36	C	4-Chloro-3-methylphenol	40.000	39.442	1.4	102	-0.03
37		2-Methylnaphthalene	40.000	39.235	1.9	104	-0.02
38		1-Methylnaphthalene	40.000	39.157	2.1	105	-0.04
39	I	Acenaphthene-d10	20.000	20.000	0.0	95	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	41.799	-4.5	103	-0.03
41	P	Hexachlorocyclopentadiene	40.000	42.069	-5.2	98	-0.02
42	S	2,4,6-Tribromophenol	80.000	76.789	4.0	91	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.283	-5.7	99	-0.03
44		2,4,5-Trichlorophenol	40.000	41.234	-3.1	97	-0.02
45	S	2-Fluorobiphenyl	80.000	82.015	-2.5	100	-0.02
46		1,1'-Biphenyl	40.000	41.516	-3.8	101	-0.02
47		2-Chloronaphthalene	40.000	41.252	-3.1	101	-0.02

Sample Results: **BP024211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	100	-0.02
49		Acenaphthylene	40.000	41.603	-4.0	102	-0.02
50		Dimethylphthalate	40.000	38.950	2.6	95	-0.01
51		2,6-Dinitrotoluene	40.000	40.278	-0.7	96	-0.02
52	C	Acenaphthene	40.000	43.825	-9.6	107	-0.02
53		3-Nitroaniline	40.000	39.066	2.3	92	-0.02
54	P	2,4-Dinitrophenol	40.000	38.187	4.5	89	-0.02
55		Dibenzofuran	40.000	40.164	-0.4	99	-0.02
56	P	4-Nitrophenol	40.000	37.289	6.8	85	-0.02
57		2,4-Dinitrotoluene	40.000	39.285	1.8	92	-0.02
58		Fluorene	40.000	39.253	1.9	96	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.095	2.3	93	-0.02
60		Diethylphthalate	40.000	38.612	3.5	94	0.00
61		4-Chlorophenyl-phenylether	40.000	39.353	1.6	96	0.00
62		4-Nitroaniline	40.000	37.337	6.7	86	0.00
63		Azobenzene	40.000	41.241	-3.1	100	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	87	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.019	-0.0	86	-0.01
66	c	n-Nitrosodiphenylamine	40.000	43.144	-7.9	95	0.00
67		4-Bromophenyl-phenylether	40.000	43.113	-7.8	95	0.00
68		Hexachlorobenzene	40.000	42.056	-5.1	94	0.00
69		Atrazine	40.000	27.317	31.7#	64	0.00
70	C	Pentachlorophenol	40.000	41.875	-4.7	86	0.00
71		Phenanthrene	40.000	40.470	-1.2	89	0.00
72		Anthracene	40.000	41.026	-2.6	89	0.00
73		Carbazole	40.000	39.079	2.3	84	0.00
74		Di-n-butylphthalate	40.000	39.357	1.6	83	0.00
75	C	Fluoranthene	40.000	36.976	7.6	80	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	70	0.00
77		Benzidine	40.000	46.154	-15.4	68	0.01
78		Pyrene	40.000	44.402	-11.0	80	0.00
79	S	Terphenyl-d14	80.000	87.742	-9.7	78	0.01
80		Butylbenzylphthalate	40.000	42.284	-5.7	72	0.00
81		Benzo(a)anthracene	40.000	41.743	-4.4	75	0.00
82		3,3'-Dichlorobenzidine	40.000	41.580	-3.9	71	0.01
83		Chrysene	40.000	41.167	-2.9	74	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.864	-2.2	70	0.00
85	c	Di-n-octyl phthalate	40.000	39.264	1.8	67	0.00
86	I	Perylene-d12	20.000	20.000	0.0	73	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	44.328	-10.8	82	-0.05
88		Benzo(b)fluoranthene	40.000	40.620	-1.5	75	-0.03
89		Benzo(k)fluoranthene	40.000	41.392	-3.5	78	-0.02
90	C	Benzo(a)pyrene	40.000	41.128	-2.8	76	-0.02
91		Dibenzo(a,h)anthracene	40.000	44.420	-11.1	82	-0.05
92		Benzo(g,h,i)perylene	40.000	45.033	-12.6	84	-0.05

Sample Results: **BP024211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG No.: Q1730

Instrument ID: BNA_P Calibration Date/Time: 04/08/2025 23:54

Lab File ID: BP024226.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.253	1.286		2.6	50.0
Phenol-d6	1.675	1.601		-4.4	50.0
Nitrobenzene-d5	0.354	0.369		4.2	50.0
Naphthalene	1.060	1.067		0.7	50.0
2-Methylnaphthalene	0.716	0.711		-0.7	50.0
2-Fluorobiphenyl	1.356	1.367		0.8	50.0
Acenaphthylene	1.710	1.779		4.0	50.0
Acenaphthene	1.093	1.114		1.9	50.0
Fluorene	1.379	1.388		0.7	50.0
2,4,6-Tribromophenol	0.252	0.261		3.6	50.0
Phenanthrene	1.093	1.093		0.0	50.0
Anthracene	1.064	1.108		4.1	50.0
Fluoranthene	1.265	1.334		5.5	50.0
Pyrene	1.243	1.283		3.2	50.0
Terphenyl-d14	0.969	0.991		2.3	50.0
Benzo(a)anthracene	1.243	1.289		3.7	50.0
Chrysene	1.195	1.216		1.8	50.0
Benzo(b)fluoranthene	1.206	1.235		2.4	50.0
Benzo(k)fluoranthene	1.180	1.182		0.2	50.0
Benzo(a)pyrene	1.049	1.079		2.9	50.0
Indeno(1,2,3-cd)pyrene	1.396	1.421		1.8	50.0
Dibenzo(a,h)anthracene	1.161	1.180		1.6	50.0
Benzo(g,h,i)perylene	1.180	1.189		0.8	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	424628	20.000	ng		-0.03
21) Naphthalene-d8	10.522	136	1560137	20.000	ng		-0.03
39) Acenaphthene-d10	14.375	164	891224	20.000	ng		-0.03
64) Phenanthrene-d10	17.181	188	1662194	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1816390	20.000	ng		-0.02
86) Perylene-d12	25.021	264	2095753	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	2184691	82.128	ng		-0.02
7) Phenol-d6	6.922	99	2718654	76.426	ng		-0.03
23) Nitrobenzene-d5	8.893	82	2305504	83.377	ng		-0.03
42) 2,4,6-Tribromophenol	15.893	330	930305	82.870	ng		-0.02
45) 2-Fluorobiphenyl	12.993	172	4873019	80.624	ng		-0.02
79) Terphenyl-d14	19.910	244	7203280	81.861	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	451814	42.849	ng		98
3) Pyridine	3.693	79	1156342	40.115	ng		99
4) n-Nitrosodimethylamine	3.605	42	377443	39.198	ng		93
6) Aniline	7.081	93	1206236	37.218	ng		99
8) 2-Chlorophenol	7.317	128	1126985	39.222	ng		99
9) Benzaldehyde	6.893	77	718590	41.860	ng		97
10) Phenol	6.952	94	1363188	37.960	ng		99
11) bis(2-Chloroethyl)ether	7.175	93	1086996	38.384	ng		99
12) 1,3-Dichlorobenzene	7.634	146	1237562	39.940	ng		100
13) 1,4-Dichlorobenzene	7.775	146	1252207	39.581	ng		98
14) 1,2-Dichlorobenzene	8.093	146	1173567	38.656	ng		100
15) Benzyl Alcohol	7.981	79	857519	38.077	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	1139765	39.434	ng		98
17) 2-Methylphenol	8.187	107	852048	37.837	ng		99
18) Hexachloroethane	8.816	117	456511	40.672	ng		100
19) n-Nitroso-di-n-propyla...	8.540	70	764924	37.065	ng		99
20) 3+4-Methylphenols	8.511	107	1139804	36.842	ng		99
22) Acetophenone	8.558	105	1570038	39.805	ng	#	99
24) Nitrobenzene	8.934	77	1127741	41.342	ng		99
25) Isophorone	9.458	82	1951632	41.174	ng		100
26) 2-Nitrophenol	9.634	139	554308	42.541	ng		99
27) 2,4-Dimethylphenol	9.699	122	685922	40.939	ng		99
28) bis(2-Chloroethoxy)met...	9.934	93	1372462	41.159	ng		100
29) 2,4-Dichlorophenol	10.175	162	938779	41.419	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	1029903	41.128	ng		99
31) Naphthalene	10.569	128	3329431	40.259	ng		100
32) Benzoic acid	9.852	122	681684	41.718	ng		98
33) 4-Chloroaniline	10.681	127	1162795	39.289	ng		100
34) Hexachlorobutadiene	10.858	225	599236	41.579	ng		99
35) Caprolactam	11.469	113	296325	39.891	ng		94
36) 4-Chloro-3-methylphenol	11.810	107	991026	40.531	ng		99
37) 2-Methylnaphthalene	12.181	142	2218499	39.708	ng		99
38) 1-Methylnaphthalene	12.404	142	2138642	39.355	ng		99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1056188	40.997	ng		100
41) Hexachlorocyclopentadiene	12.534	237	405015	43.613	ng		99
43) 2,4,6-Trichlorophenol	12.799	196	696113	42.517	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

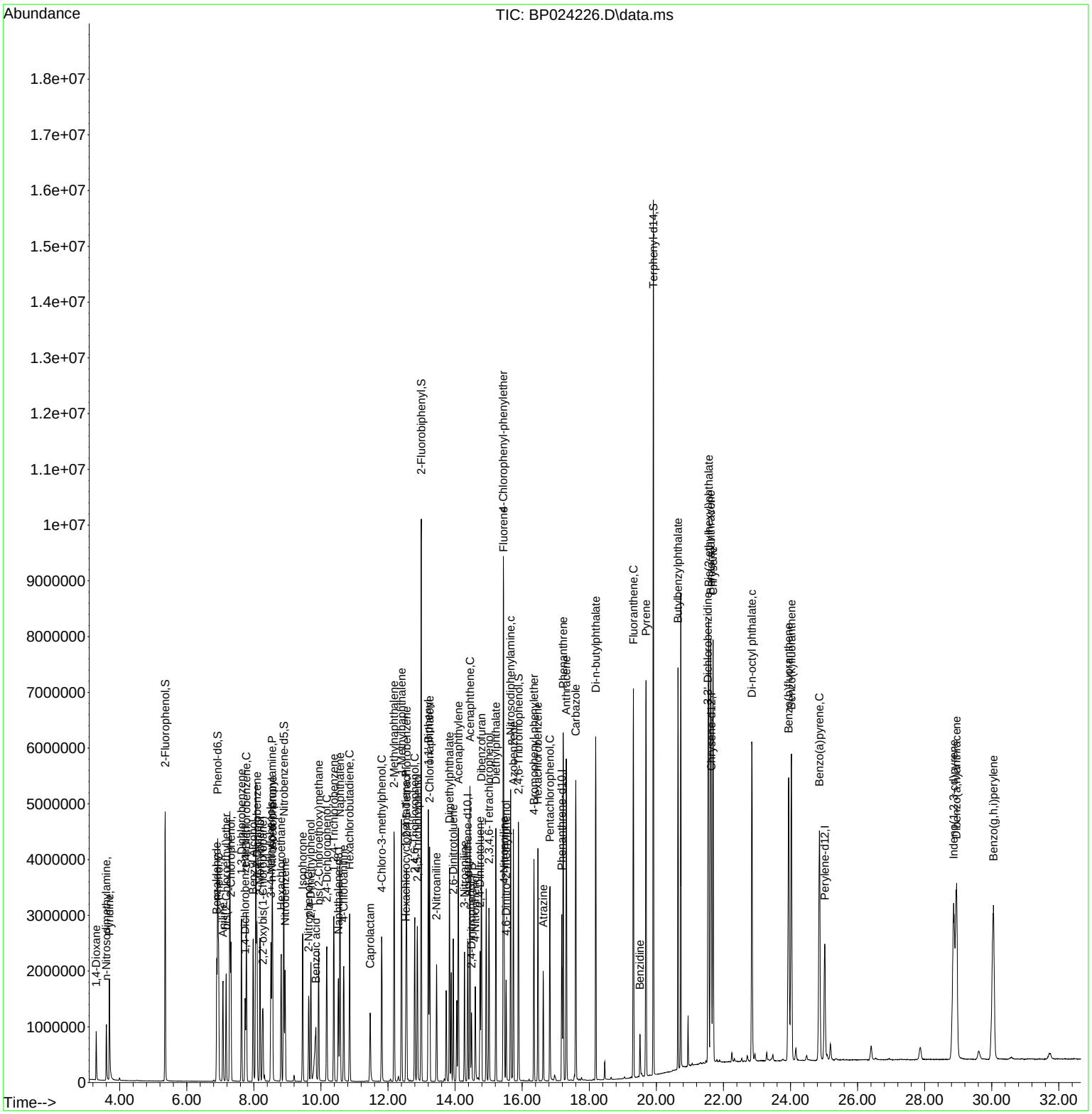
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	749745	41.756	ng	99
46) 1,1'-Biphenyl	13.204	154	2745709	40.998	ng	99
47) 2-Chloronaphthalene	13.240	162	2051169	40.719	ng	99
48) 2-Nitroaniline	13.446	65	557492	43.269	ng	96
49) Acenaphthylene	14.099	152	3171238	41.605	ng	100
50) Dimethylphthalate	13.834	163	2518565	40.387	ng	100
51) 2,6-Dinitrotoluene	13.946	165	548282	41.787	ng	99
52) Acenaphthene	14.446	154	1985187	40.764	ng	100
53) 3-Nitroaniline	14.281	138	594175	41.928	ng	96
54) 2,4-Dinitrophenol	14.493	184	282567	40.700	ng	99
55) Dibenzofuran	14.787	168	3147389	39.898	ng	99
56) 4-Nitrophenol	14.604	139	514579	43.456	ng	99
57) 2,4-Dinitrotoluene	14.746	165	744447	42.953	ng	99
58) Fluorene	15.445	166	2474519	40.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	646152	40.731	ng	98
60) Diethylphthalate	15.216	149	2596236	41.807	ng	100
61) 4-Chlorophenyl-phenyle...	15.440	204	1208752	40.097	ng	99
62) 4-Nitroaniline	15.463	138	639560	43.029	ng	98
63) Azobenzene	15.740	77	2494527	42.619	ng	99
65) 4,6-Dinitro-2-methylph...	15.522	198	400468	40.583	ng	99
66) n-Nitrosodiphenylamine	15.657	169	2092015	41.447	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	760770	41.688	ng	98
68) Hexachlorobenzene	16.469	284	868411	40.204	ng	98
69) Atrazine	16.628	200	355549	29.184	ng	99
70) Pentachlorophenol	16.828	266	620319	44.409	ng	99
71) Phenanthrene	17.222	178	3634197	40.022	ng	100
72) Anthracene	17.316	178	3683868	41.654	ng	99
73) Carbazole	17.598	167	3599930	42.208	ng	100
74) Di-n-butylphthalate	18.192	149	4558214	45.020	ng	100
75) Fluoranthene	19.316	202	4433069	42.152	ng	98
77) Benzidine	19.510	184	501521	25.254	ng	100
78) Pyrene	19.692	202	4661555	41.281	ng	100
80) Butylbenzylphthalate	20.645	149	2147381	46.113	ng	98
81) Benzo(a)anthracene	21.622	228	4683481	41.473	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	1669038	44.097	ng	100
83) Chrysene	21.692	228	4418706	40.702	ng	99
84) Bis(2-ethylhexyl)phtha...	21.563	149	3269298	46.527	ng	99
85) Di-n-octyl phthalate	22.845	149	5516405	48.999	ng	100
87) Indeno(1,2,3-cd)pyrene	28.862	276	5954112	40.707	ng	98
88) Benzo(b)fluoranthene	23.945	252	5175613	40.959	ng	97
89) Benzo(k)fluoranthene	24.027	252	4955096	40.088	ng	99
90) Benzo(a)pyrene	24.863	252	4522649	41.160	ng	99
91) Dibenzo(a,h)anthracene	28.951	278	4947962	40.661	ng	98
92) Benzo(g,h,i)perylene	30.051	276	4983919	40.290	ng	98

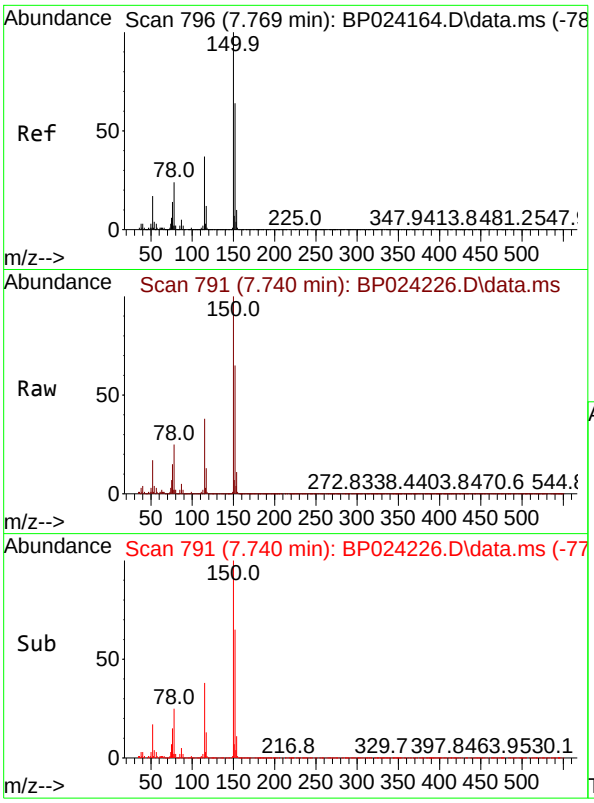
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Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



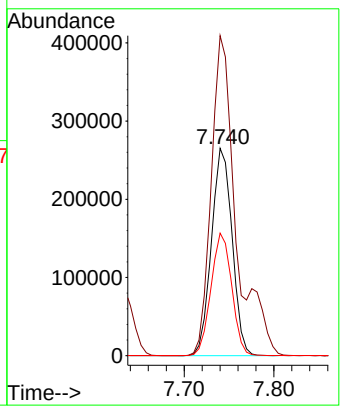


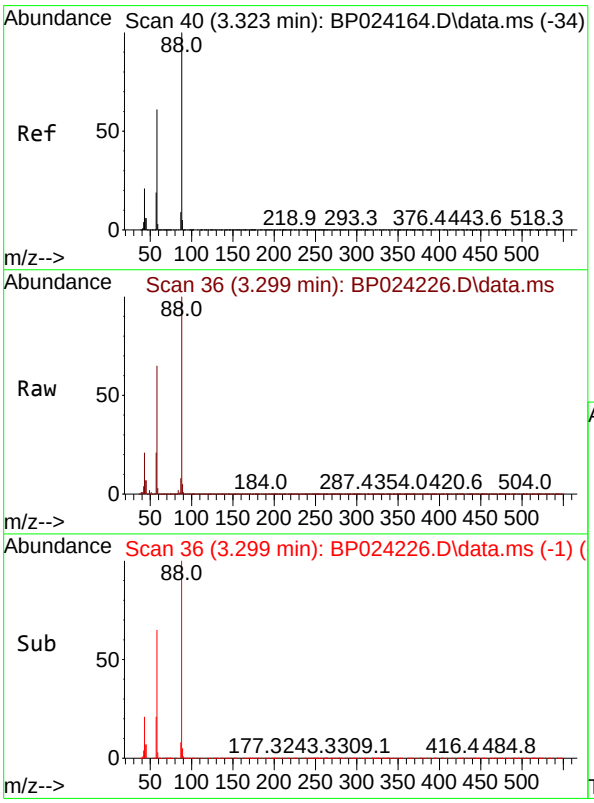
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 424628

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.5	188.3
115	59.2	46.3	69.5

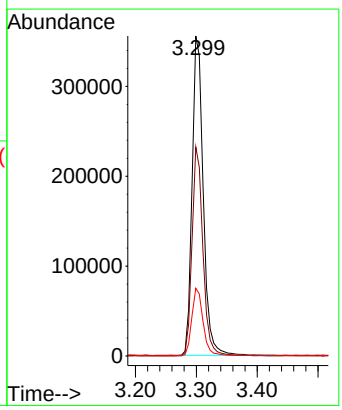


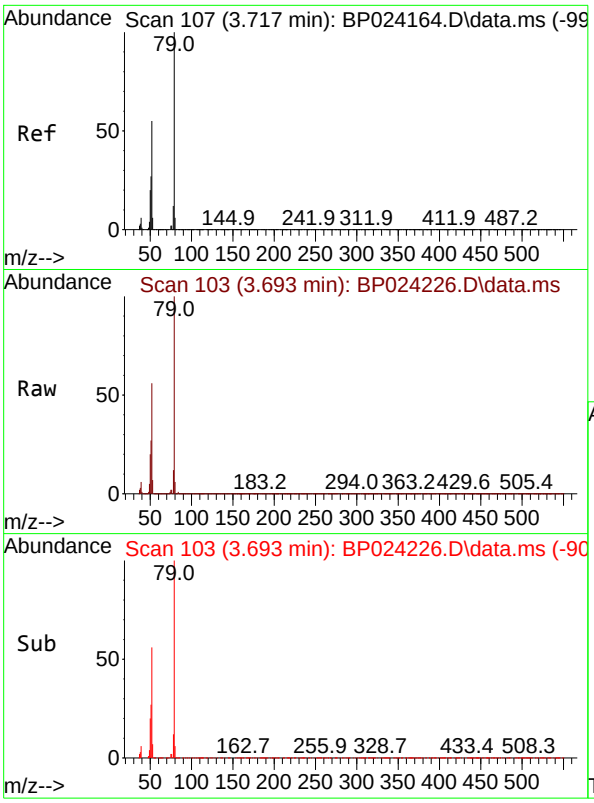


#2
1,4-Dioxane
Concen: 42.849 ng
RT: 3.299 min Scan# 36
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion: 88 Resp: 451814

Ion	Ratio	Lower	Upper
88	100		
58	64.3	49.8	74.6
43	21.4	17.3	25.9



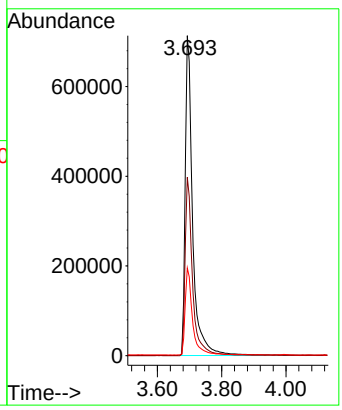


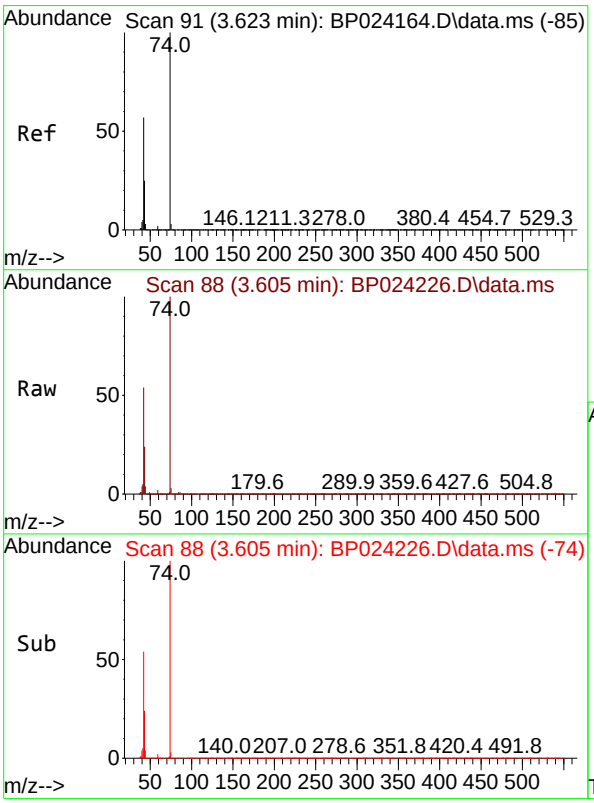
#3
Pyridine
Concen: 40.115 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 1156342

Ion	Ratio	Lower	Upper
79	100		
52	55.7	43.8	65.8
51	27.4	21.6	32.4

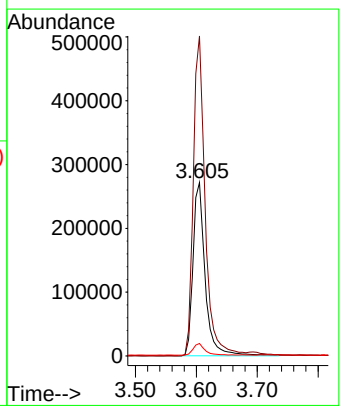


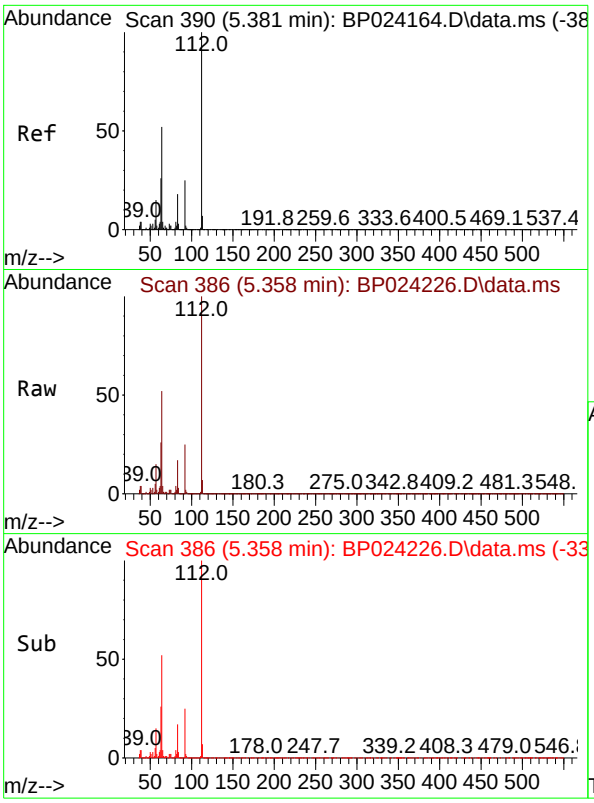


#4
n-Nitrosodimethylamine
Concen: 39.198 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.018 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion: 42 Resp: 377443

Ion	Ratio	Lower	Upper
42	100		
74	184.5	139.8	209.6
44	7.2	5.3	7.9



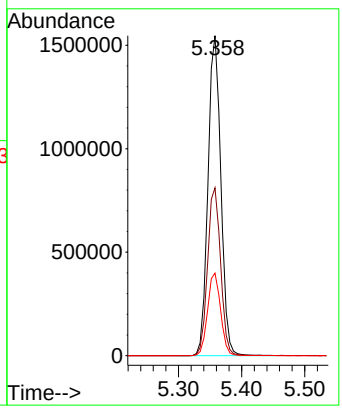


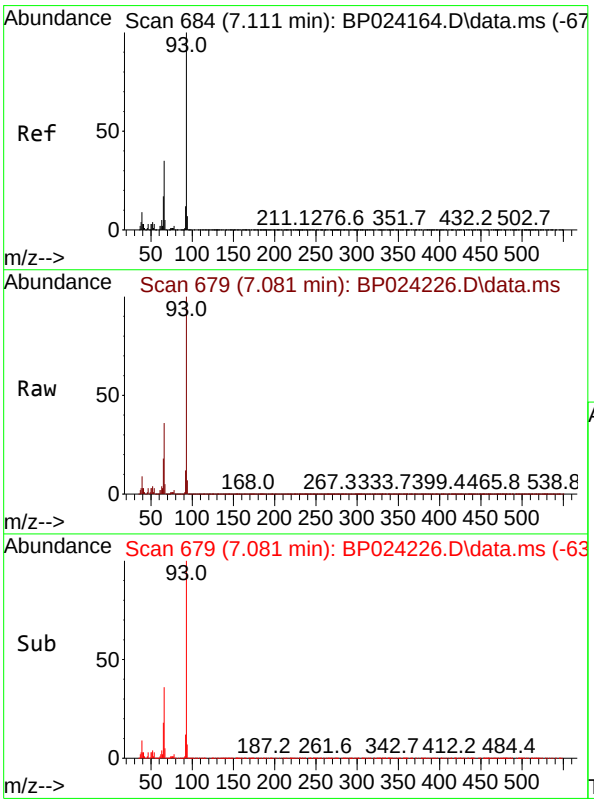
#5
2-Fluorophenol
Concen: 82.128 ng
RT: 5.358 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 2184691

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.3	61.9
63	25.8	20.6	31.0

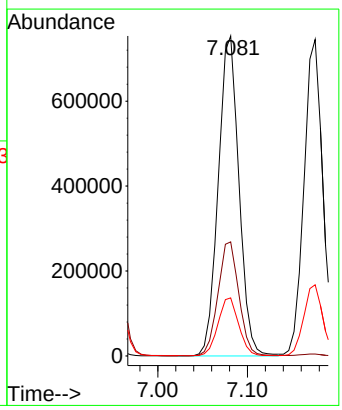


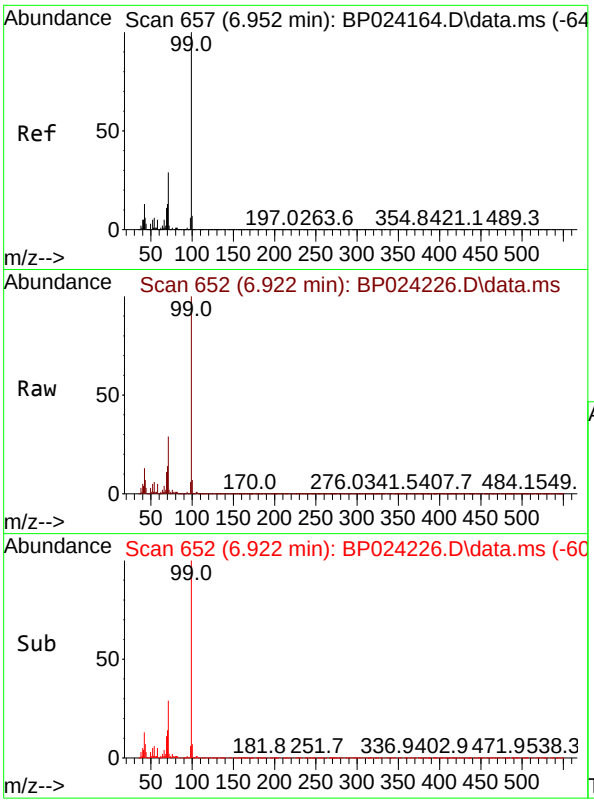


#6
Aniline
Concen: 37.218 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion: 93 Resp: 1206236

Ion	Ratio	Lower	Upper
93	100		
66	35.6	28.2	42.2
65	18.2	14.0	21.0



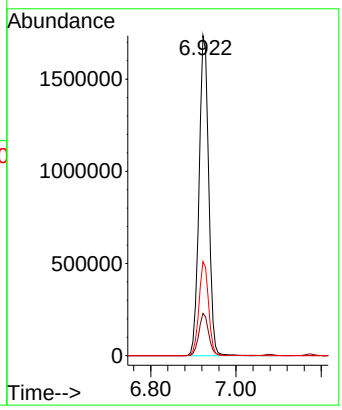


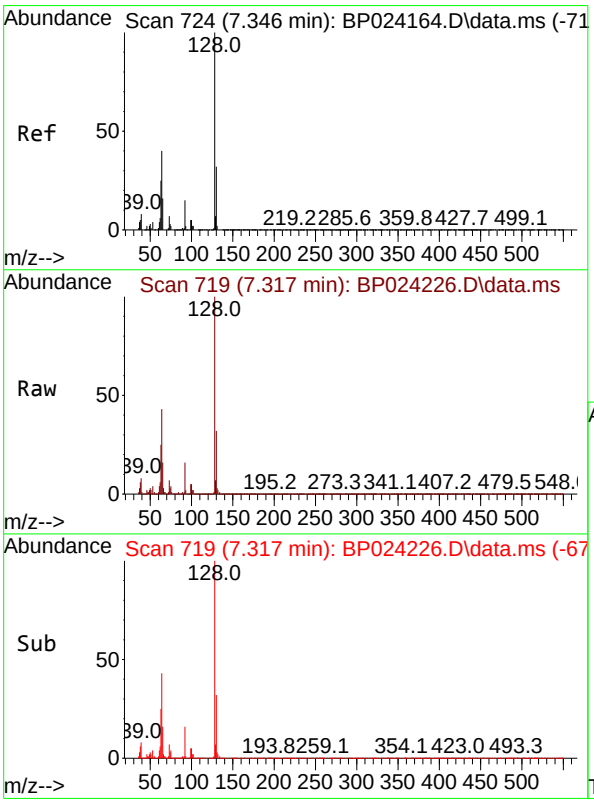
#7
Phenol-d6
Concen: 76.426 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 2718654

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	16.0
71	29.4	23.3	34.9

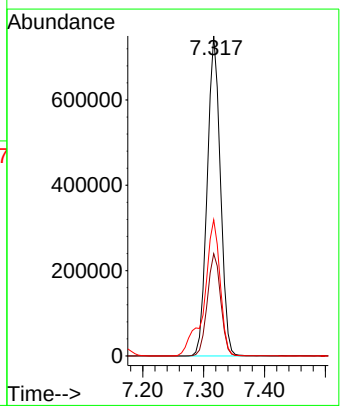


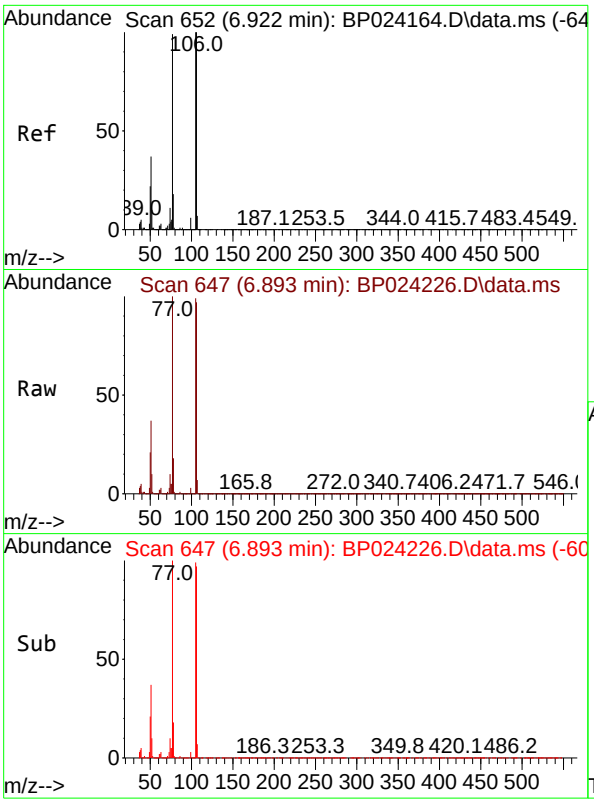


#8
2-Chlorophenol
Concen: 39.222 ng
RT: 7.317 min Scan# 719
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:128 Resp: 1126985

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.0	52.0
64	42.5	21.6	61.6



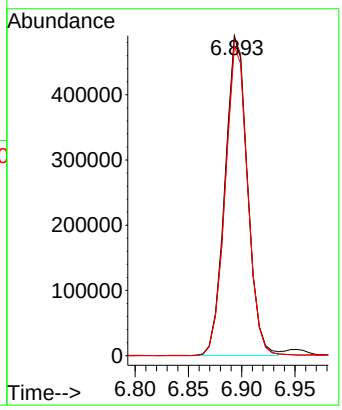


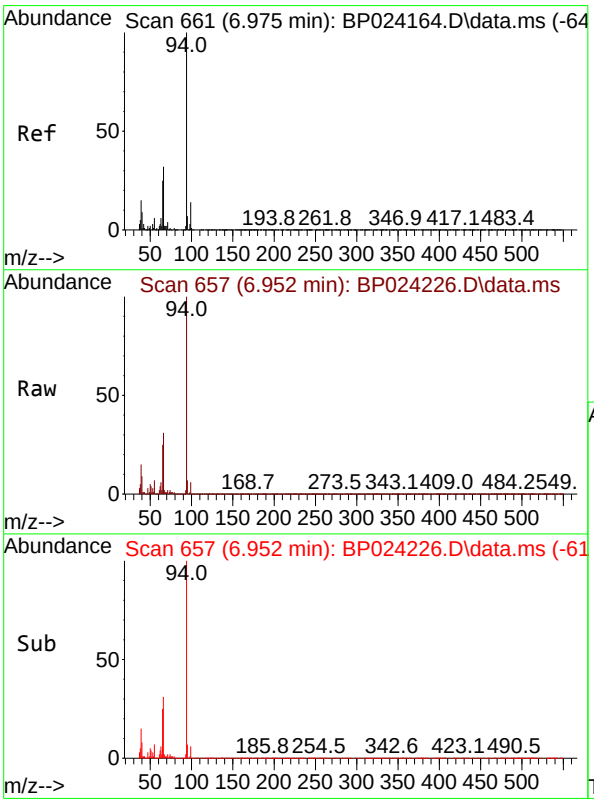
#9
Benzaldehyde
Concen: 41.860 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 718590

Ion	Ratio	Lower	Upper
77	100		
105	99.4	81.4	121.4
106	96.7	81.1	121.1

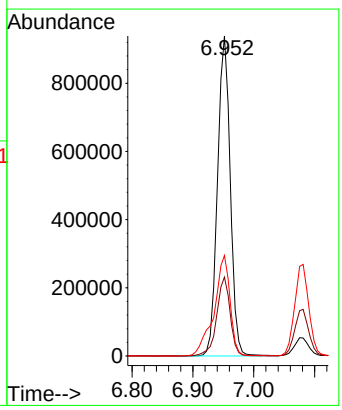


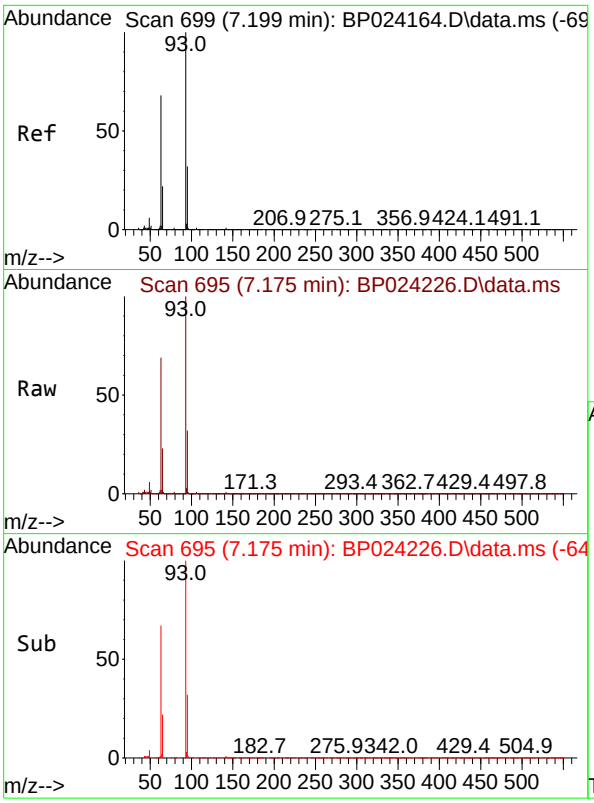


#10
Phenol
Concen: 37.960 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion: 94 Resp: 1363188

Ion	Ratio	Lower	Upper
94	100		
65	24.6	4.9	44.9
66	31.4	11.9	51.9



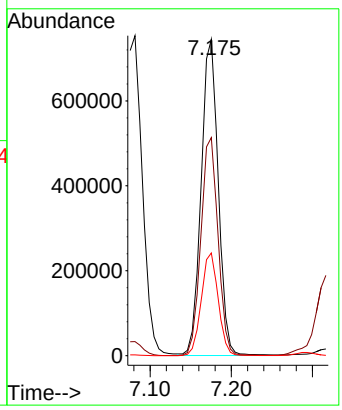


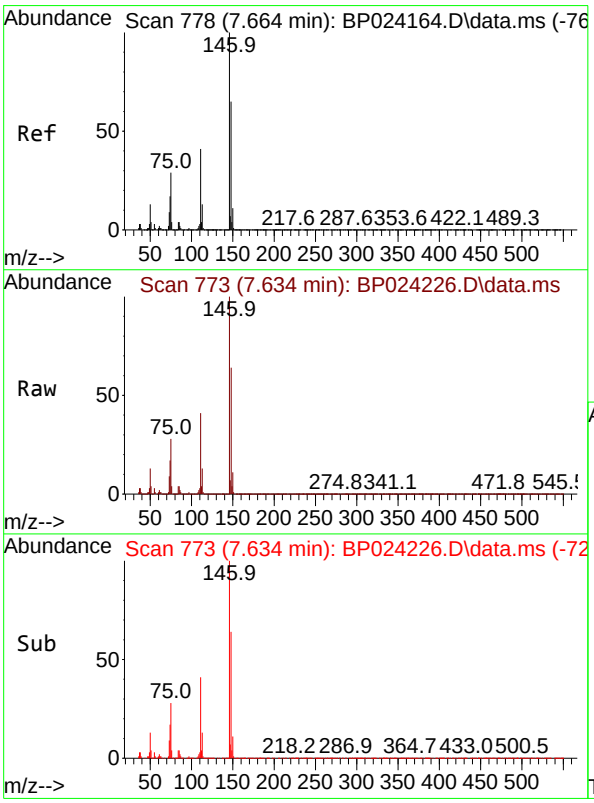
#11
bis(2-Chloroethyl)ether
Concen: 38.384 ng
RT: 7.175 min Scan# 6
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 1086996

Ion	Ratio	Lower	Upper
93	100		
63	68.9	47.4	87.4
95	32.5	12.1	52.1

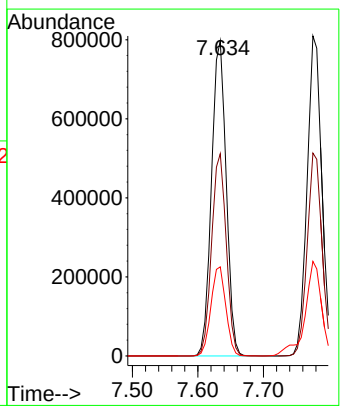


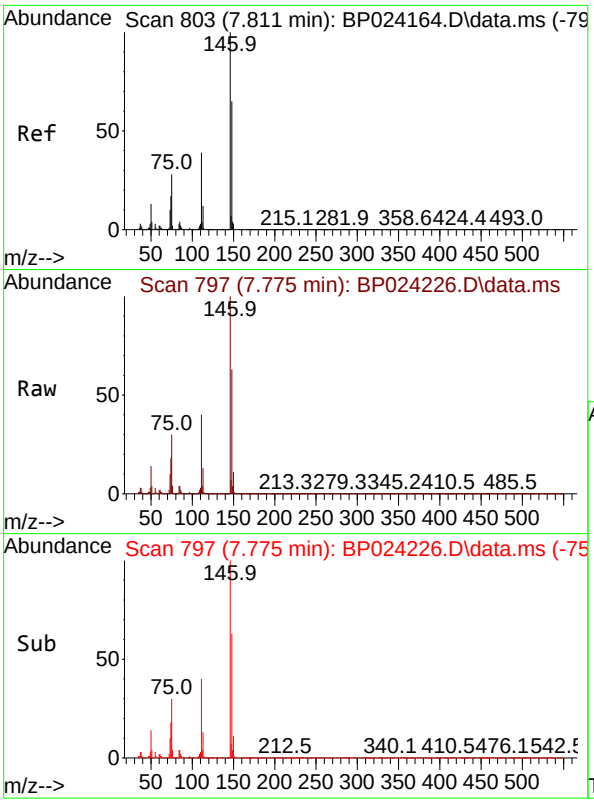


#12
1,3-Dichlorobenzene
Concen: 39.940 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:146 Resp: 1237562

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.3	22.8	34.2



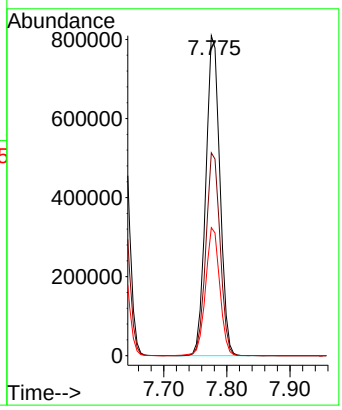


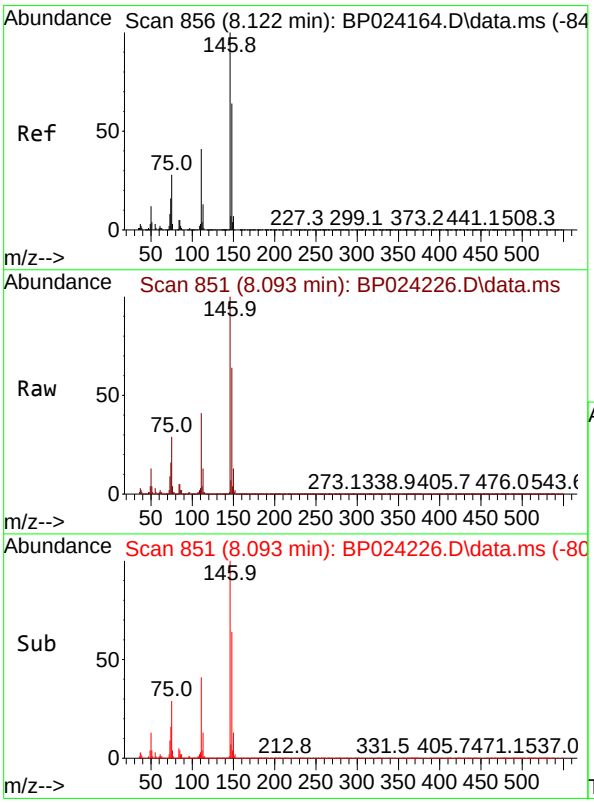
#13
1,4-Dichlorobenzene
Concen: 39.581 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 1252207

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	40.0	31.4	47.2

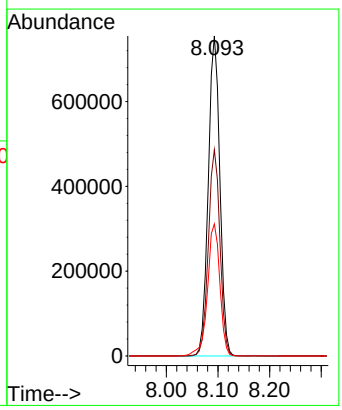


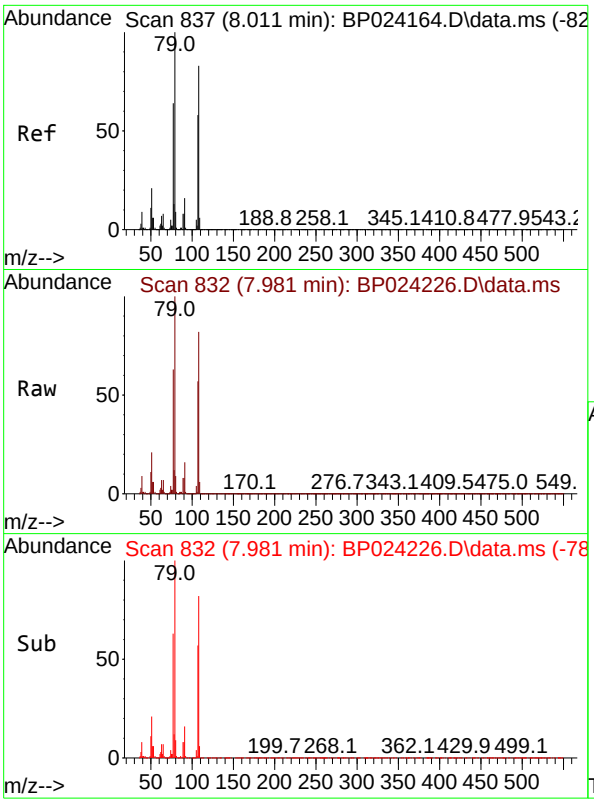


#14
1,2-Dichlorobenzene
Concen: 38.656 ng
RT: 8.093 min Scan# 851
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:146 Resp: 1173567

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	41.3	33.2	49.8



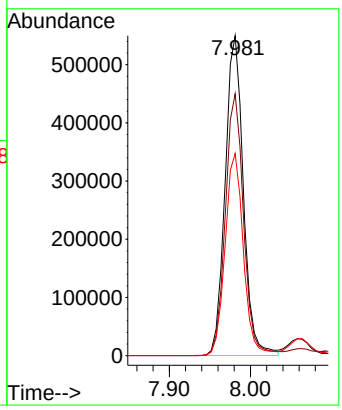


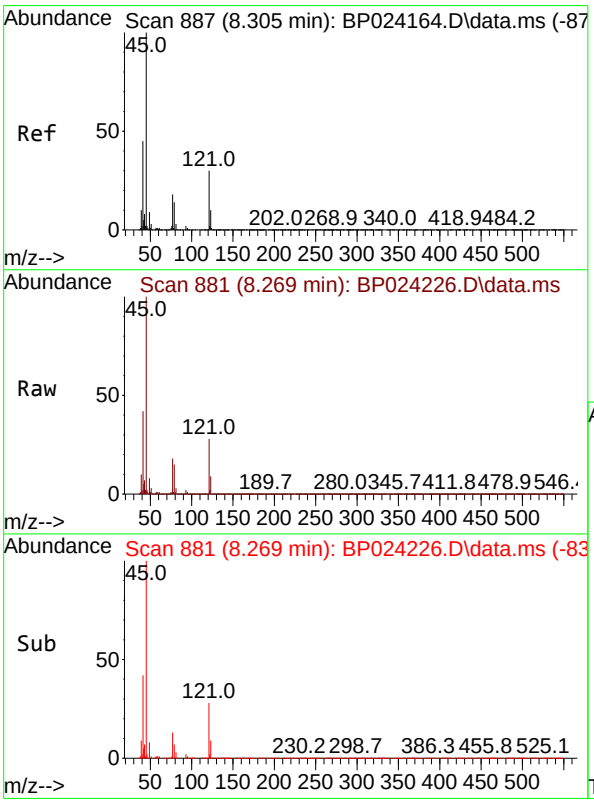
#15
Benzyl Alcohol
Concen: 38.077 ng
RT: 7.981 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 857519

Ion	Ratio	Lower	Upper
79	100		
108	81.9	66.5	99.7
77	63.2	50.9	76.3

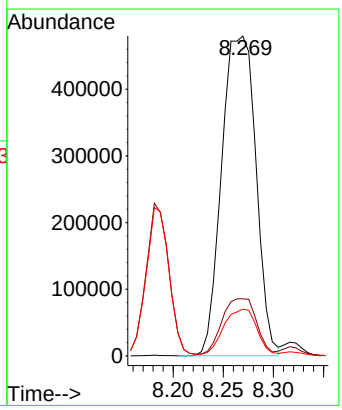


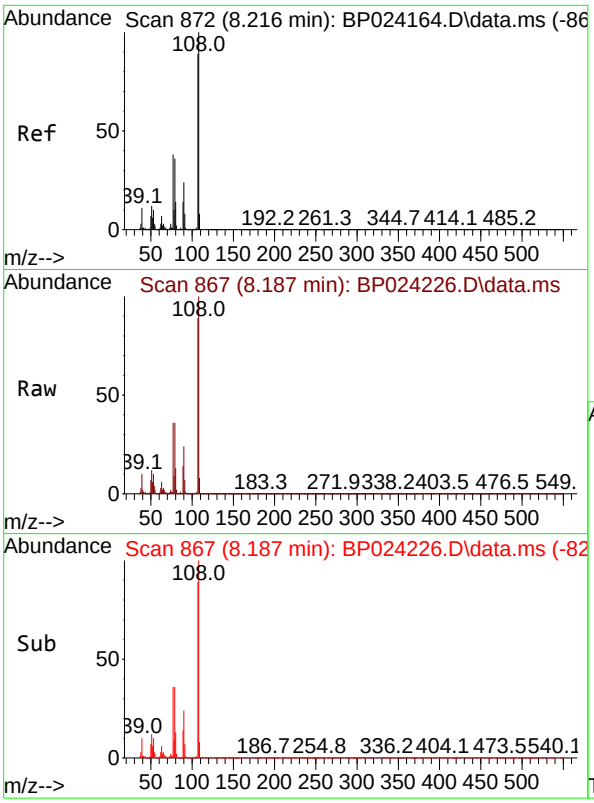


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.434 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion: 45 Resp: 1139765

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	39.0
79	14.7	0.0	35.6



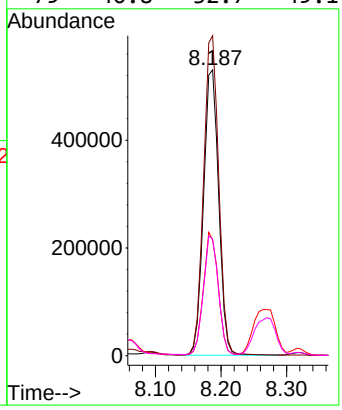


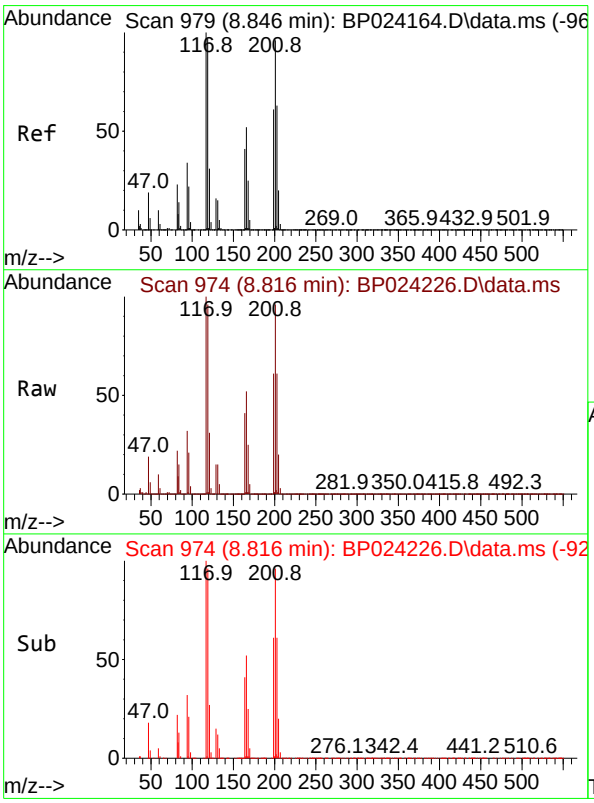
#17
2-Methylphenol
Concen: 37.837 ng
RT: 8.187 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 852048

Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	40.6	34.0	51.0
79	40.8	32.7	49.1

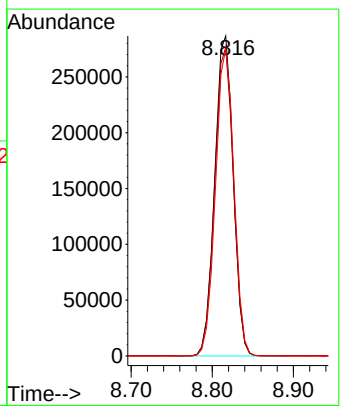


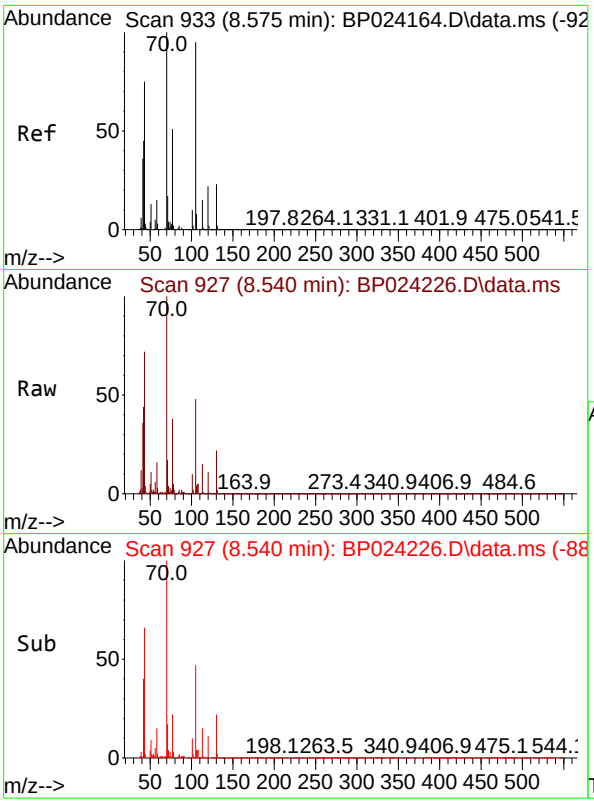


#18
Hexachloroethane
Concen: 40.672 ng
RT: 8.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:117 Resp: 456511

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	96.1	76.6	114.8



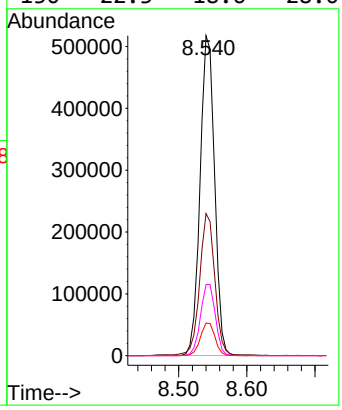


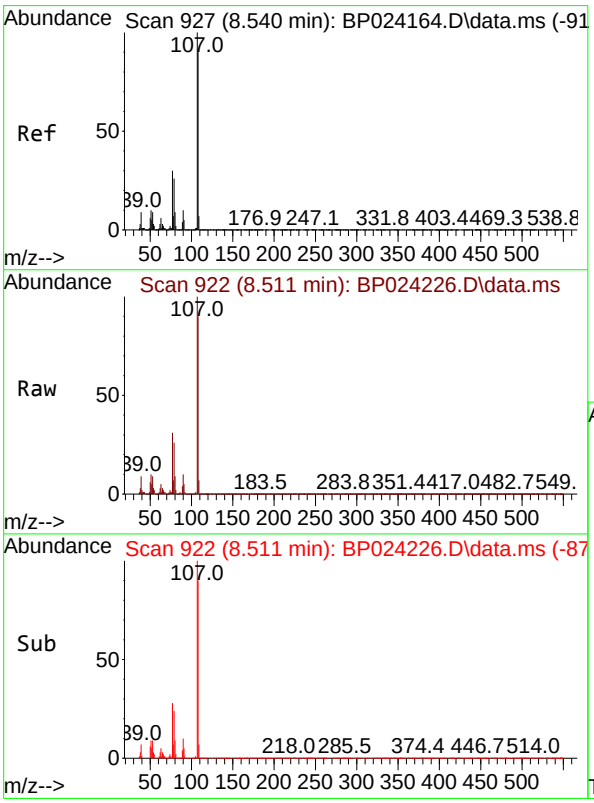
#19
n-Nitroso-di-n-propylamine
Concen: 37.065 ng
RT: 8.540 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 764924

Ion	Ratio	Lower	Upper
70	100		
42	44.4	36.0	54.0
101	10.2	8.3	12.5
130	22.3	18.6	28.0

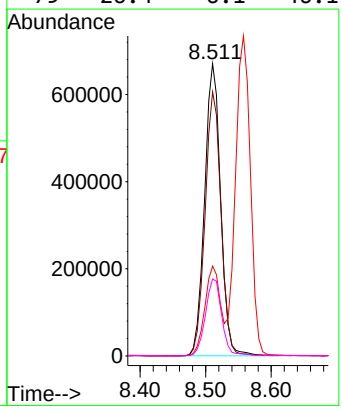


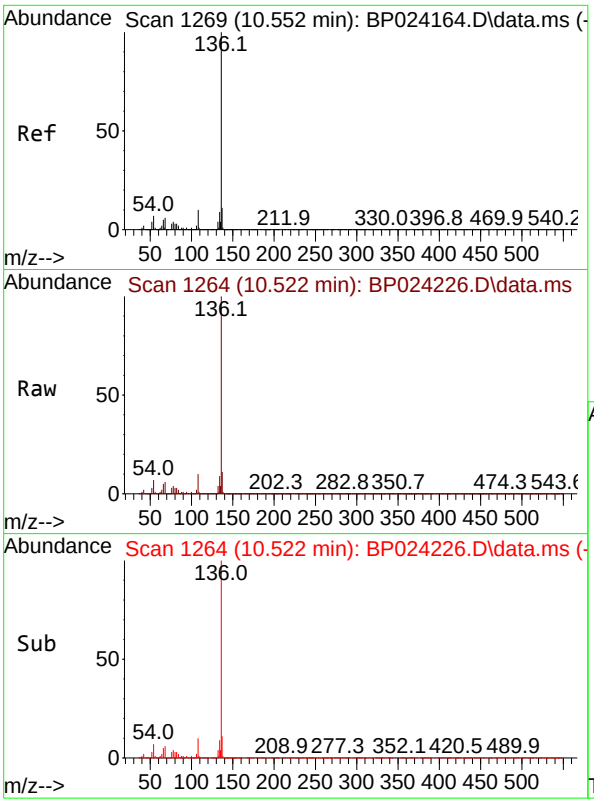


#20
3+4-Methylphenols
Concen: 36.842 ng
RT: 8.511 min Scan# 922
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:107 Resp: 1139804

Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.7	109.7
77	30.8	10.3	50.3
79	26.4	6.1	46.1



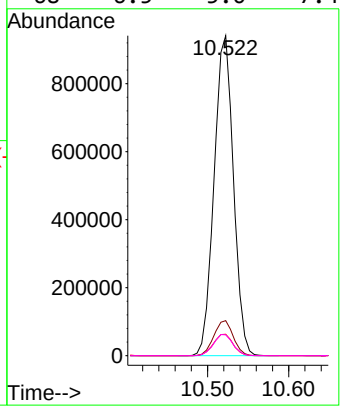


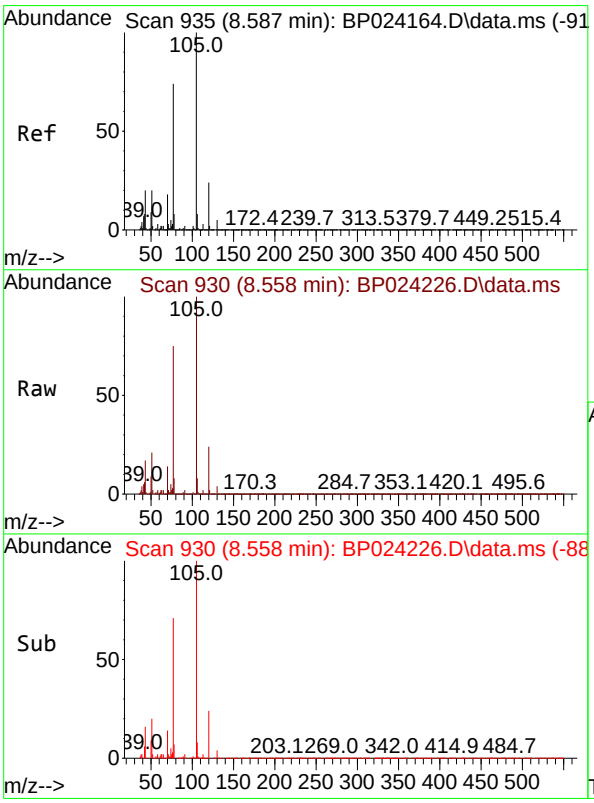
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 1560137

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.3	7.9
68	6.5	5.0	7.4

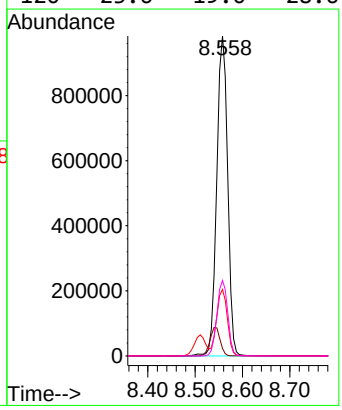


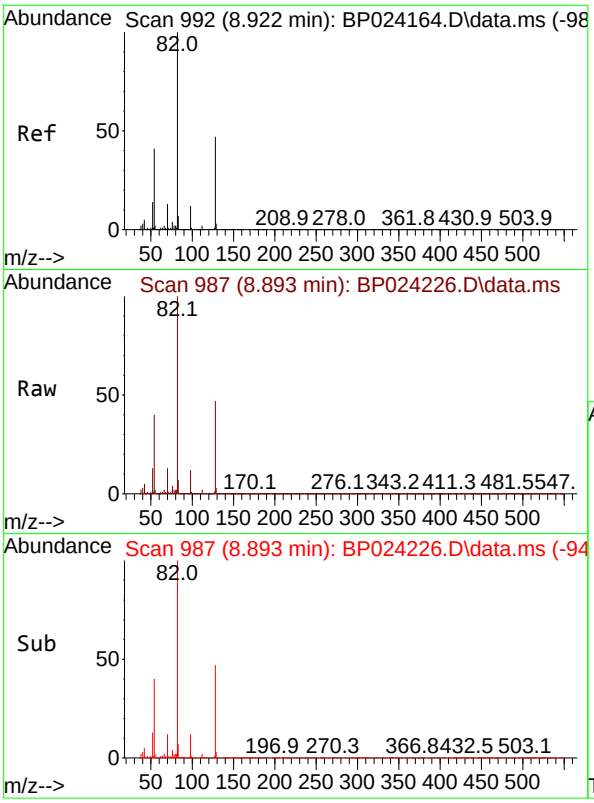


#22
Acetophenone
Concen: 39.805 ng
RT: 8.558 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:105 Resp: 1570038

Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.4	3.6#
51	20.8	16.2	24.2
120	23.6	19.0	28.6



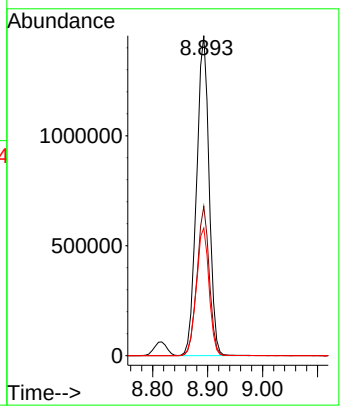


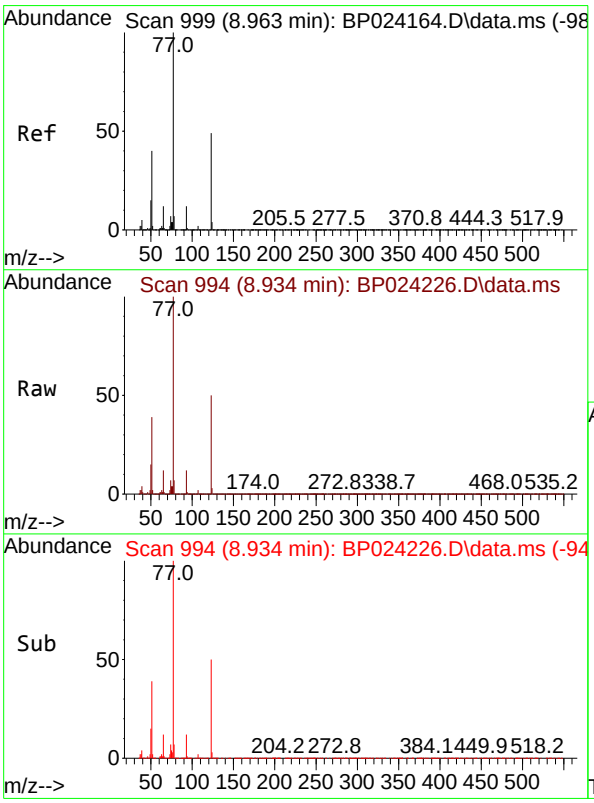
#23
Nitrobenzene-d5
Concen: 83.377 ng
RT: 8.893 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 2305504

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	39.8	32.5	48.7

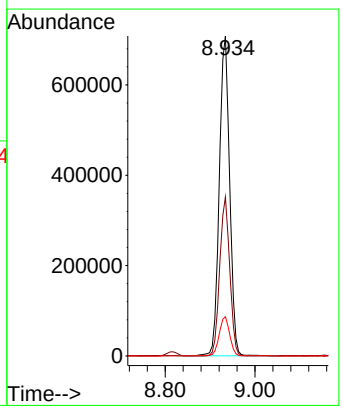


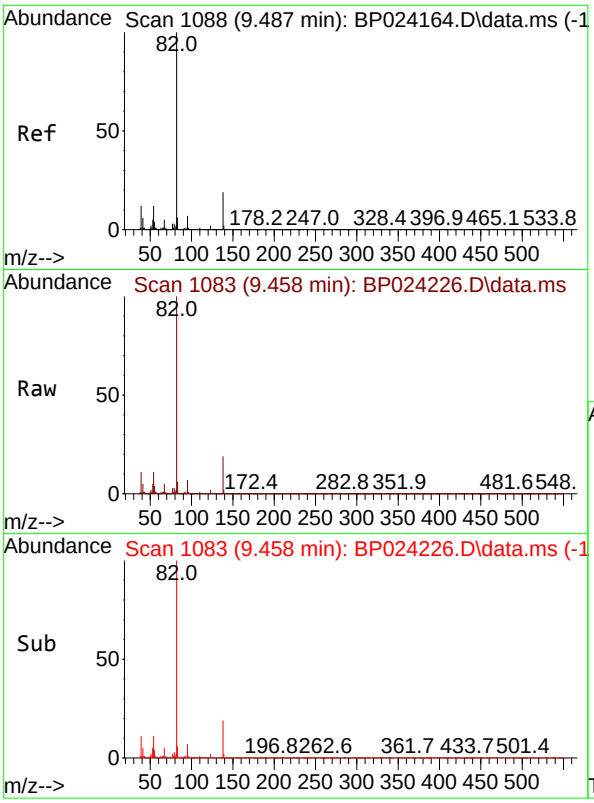


#24
Nitrobenzene
Concen: 41.342 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion: 77 Resp: 1127741

Ion	Ratio	Lower	Upper
77	100		
123	49.7	39.4	59.2
65	12.3	9.9	14.9



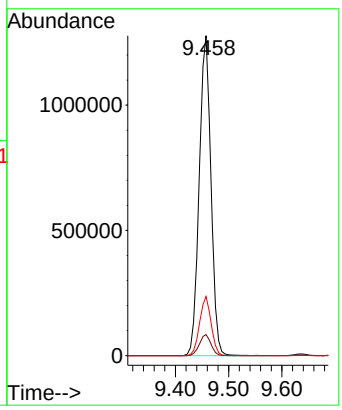


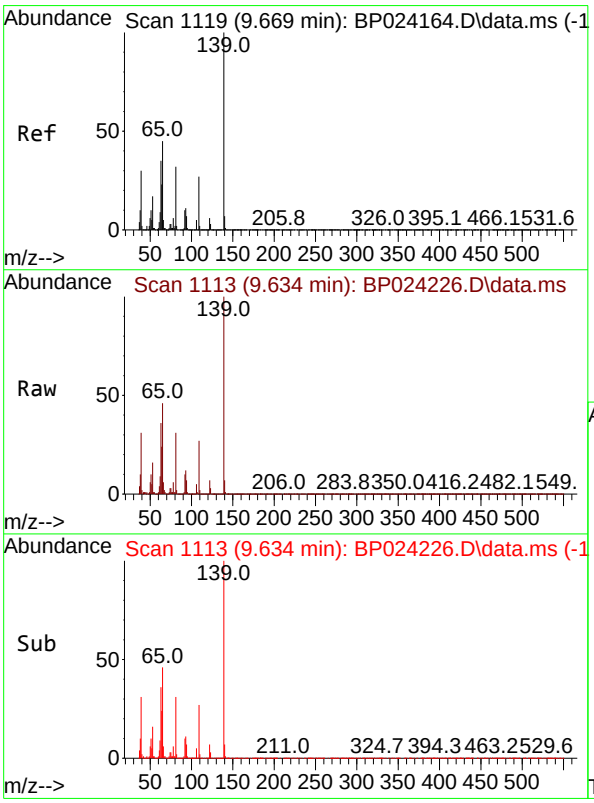
#25
Isophorone
Concen: 41.174 ng
RT: 9.458 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1951632

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.5	14.8	22.2

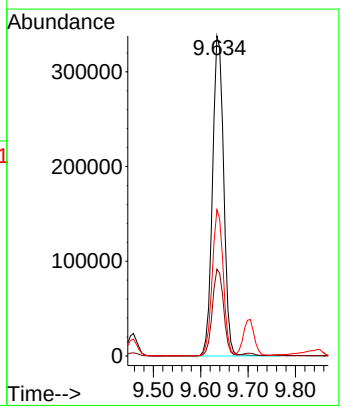


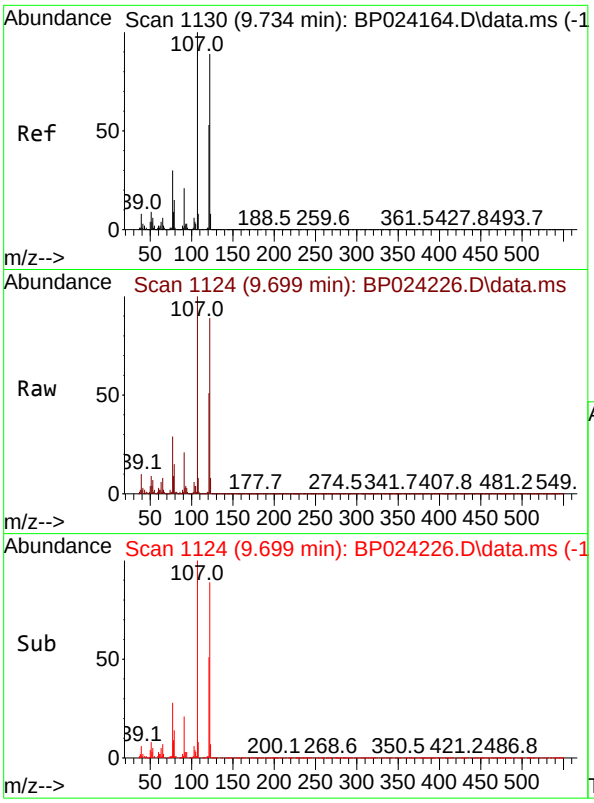


#26
2-Nitrophenol
Concen: 42.541 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:139 Resp: 554308

Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.7	32.5
65	45.7	35.8	53.8



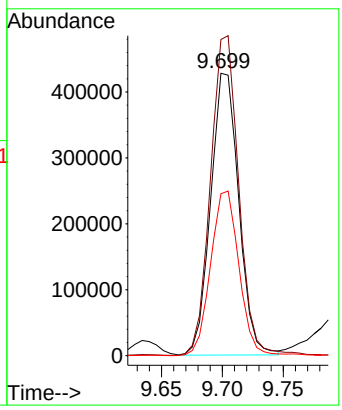


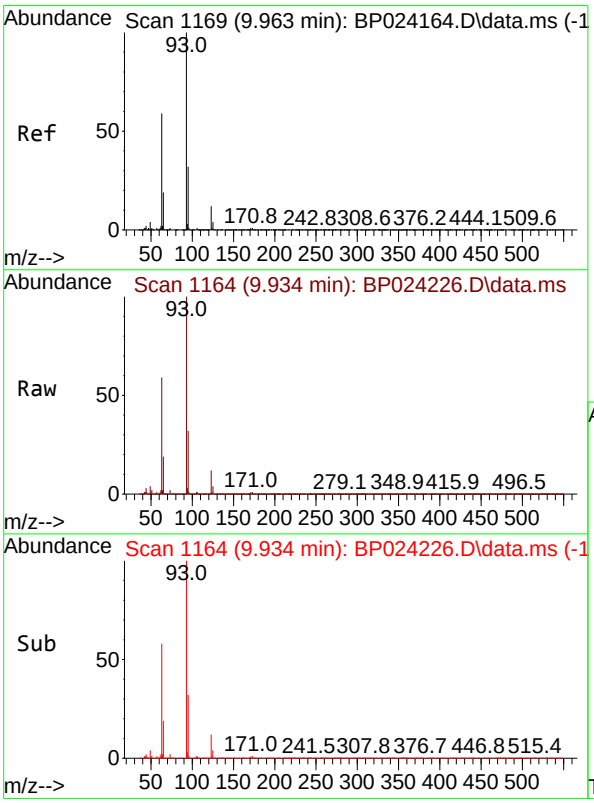
#27
2,4-Dimethylphenol
Concen: 40.939 ng
RT: 9.699 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 685922

Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.3	133.9
121	57.3	47.5	71.3

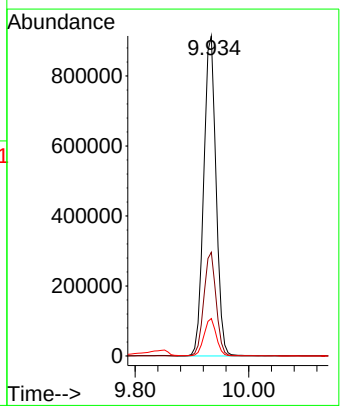


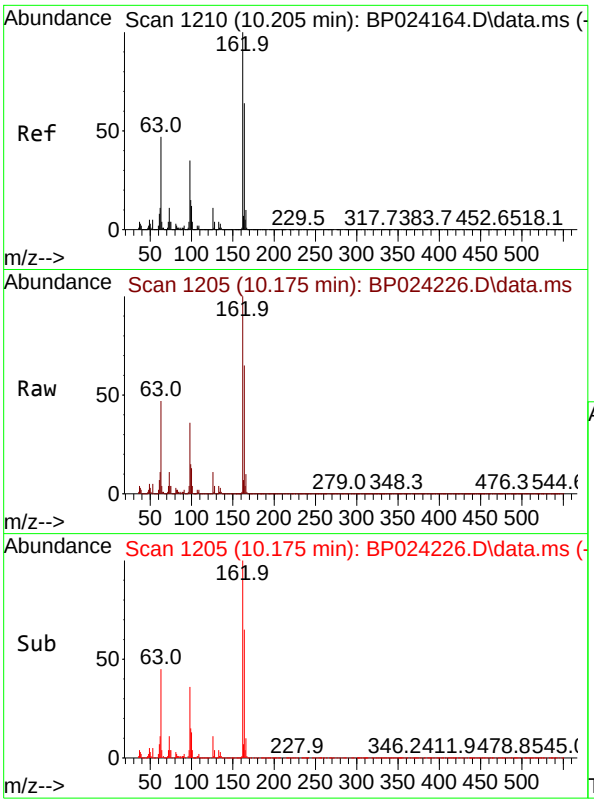


#28
bis(2-Chloroethoxy)methane
Concen: 41.159 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion: 93 Resp: 1372462

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.7	9.5	14.3



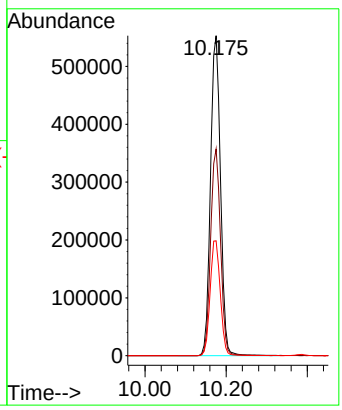


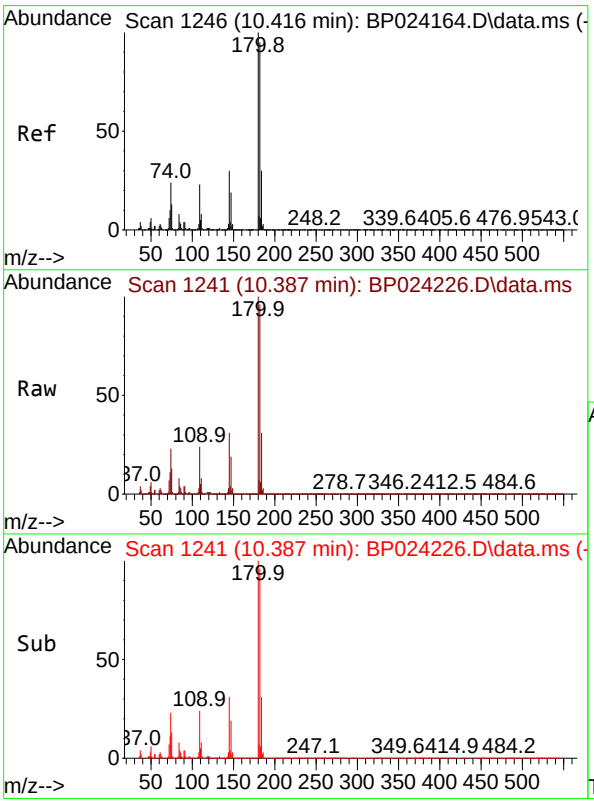
#29
2,4-Dichlorophenol
Concen: 41.419 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 938779

Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.2	84.2
98	35.9	15.1	55.1

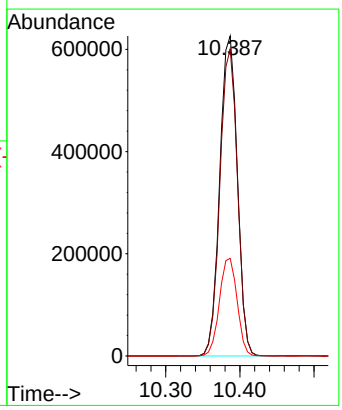


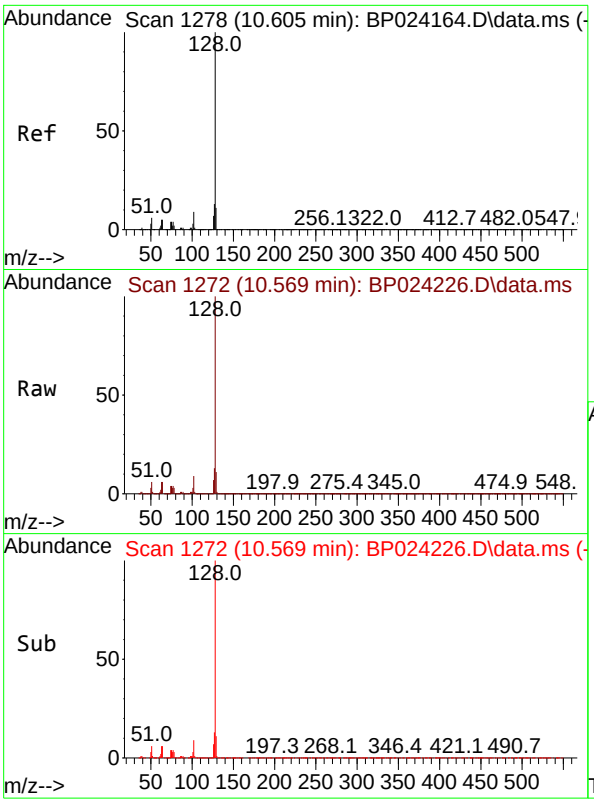


#30
1,2,4-Trichlorobenzene
Concen: 41.128 ng
RT: 10.387 min Scan# 1241
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:180 Resp: 1029903

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
145	30.5	24.2	36.2



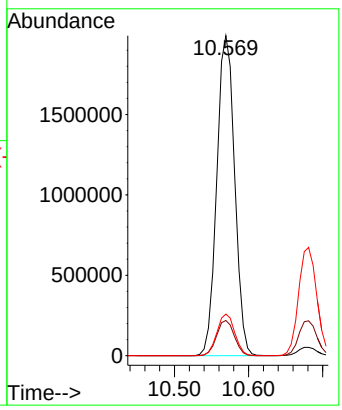


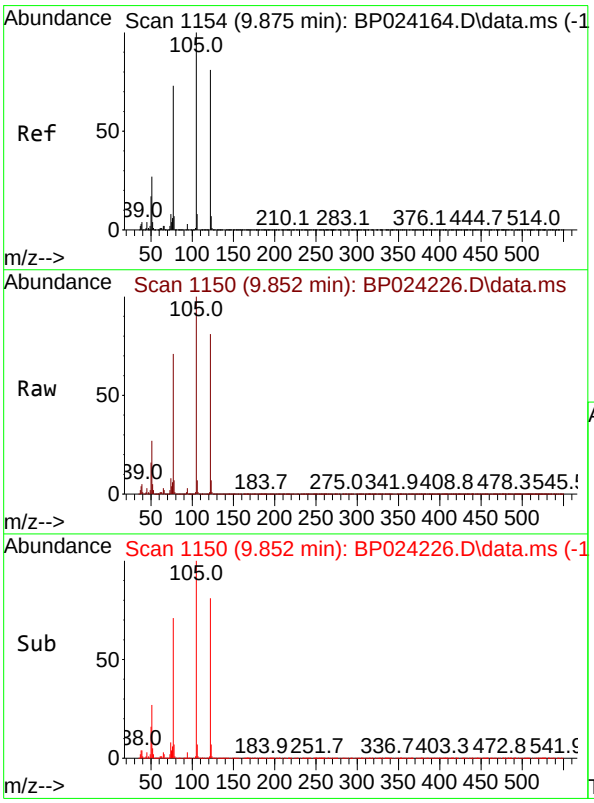
#31
Naphthalene
Concen: 40.259 ng
RT: 10.569 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 3329431

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6

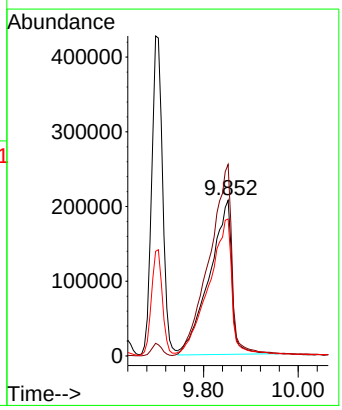


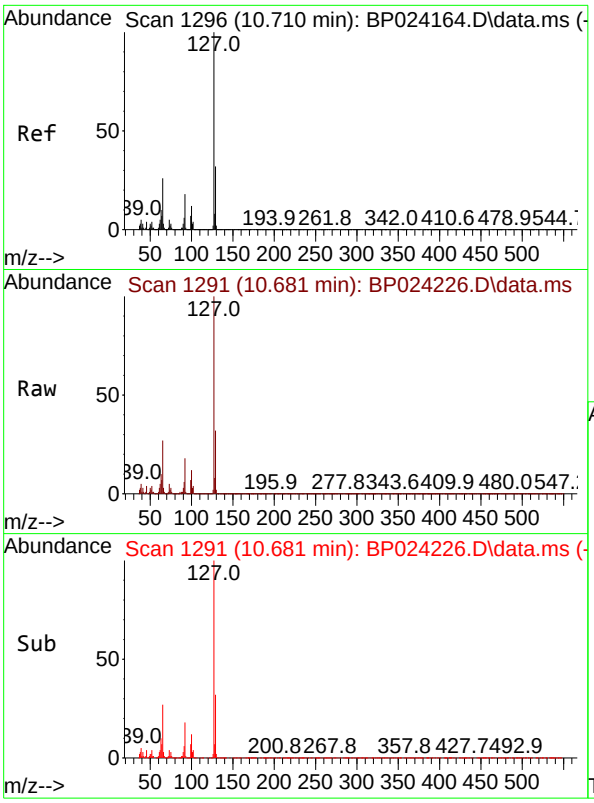


#32
Benzoic acid
Concen: 41.718 ng
RT: 9.852 min Scan# 1150
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:122 Resp: 681684

Ion	Ratio	Lower	Upper
122	100		
105	123.1	100.3	140.3
77	88.0	69.1	109.1



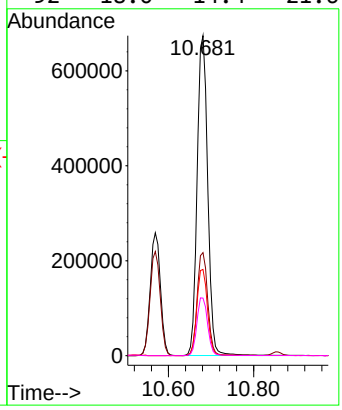


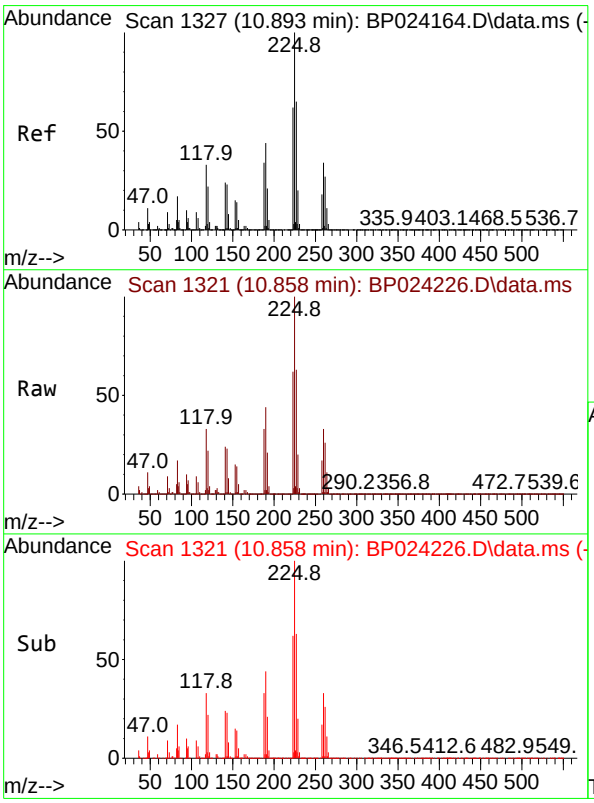
#33
4-Chloroaniline
Concen: 39.289 ng
RT: 10.681 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 1162795

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	26.9	21.2	31.8
92	18.0	14.4	21.6

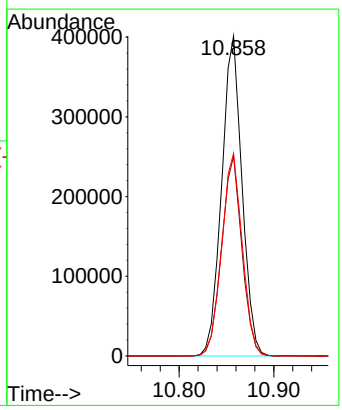


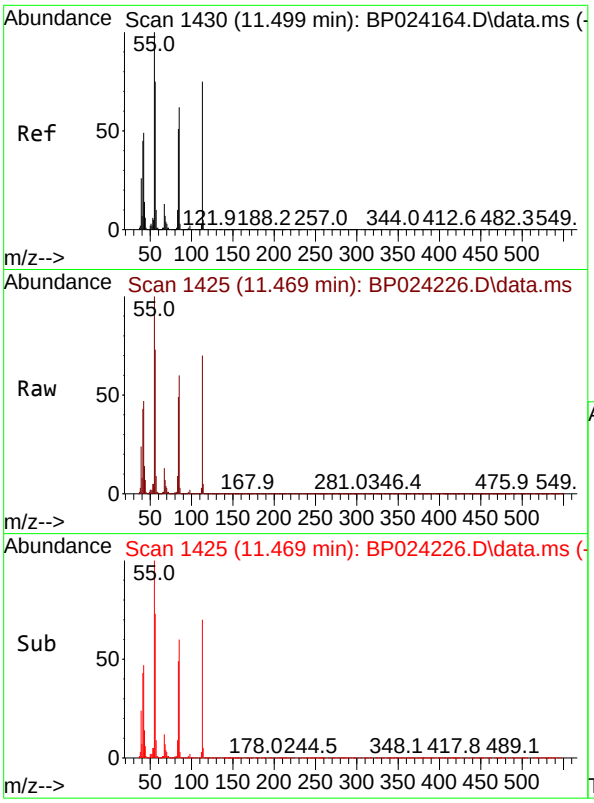


#34
Hexachlorobutadiene
Concen: 41.579 ng
RT: 10.858 min Scan# 1321
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:225 Resp: 599236

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	63.4	52.2	78.2



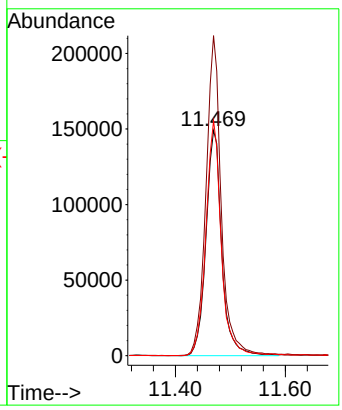


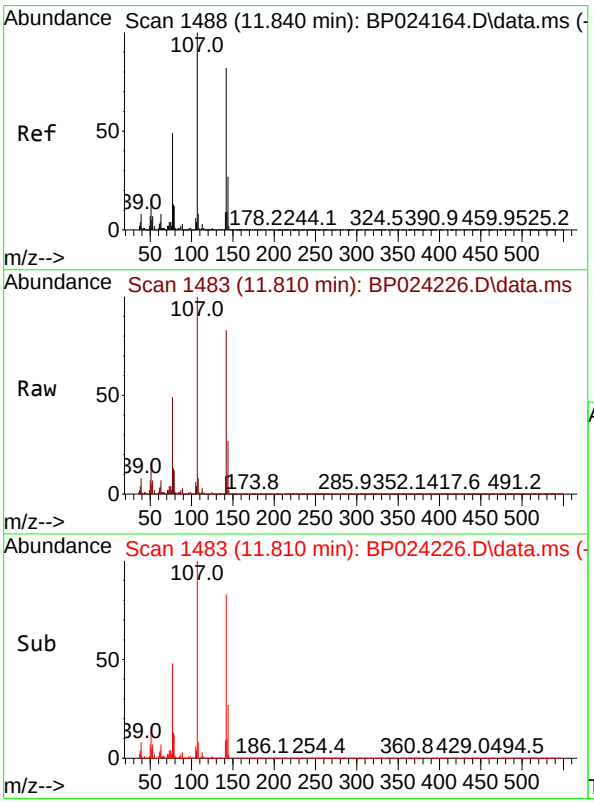
#35
Caprolactam
Concen: 39.891 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 296325

Ion	Ratio	Lower	Upper
113	100		
55	142.1	113.6	153.6
56	104.3	80.0	120.0

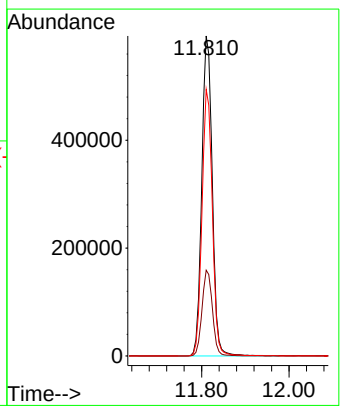


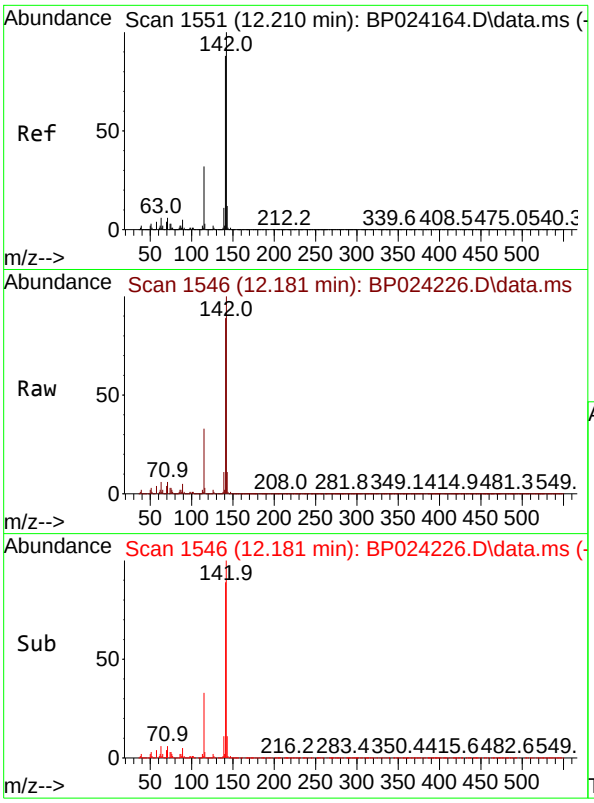


#36
4-Chloro-3-methylphenol
Concen: 40.531 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:107 Resp: 991026

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.6	32.4
142	83.3	65.4	98.0



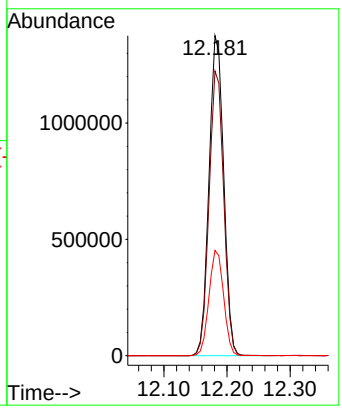


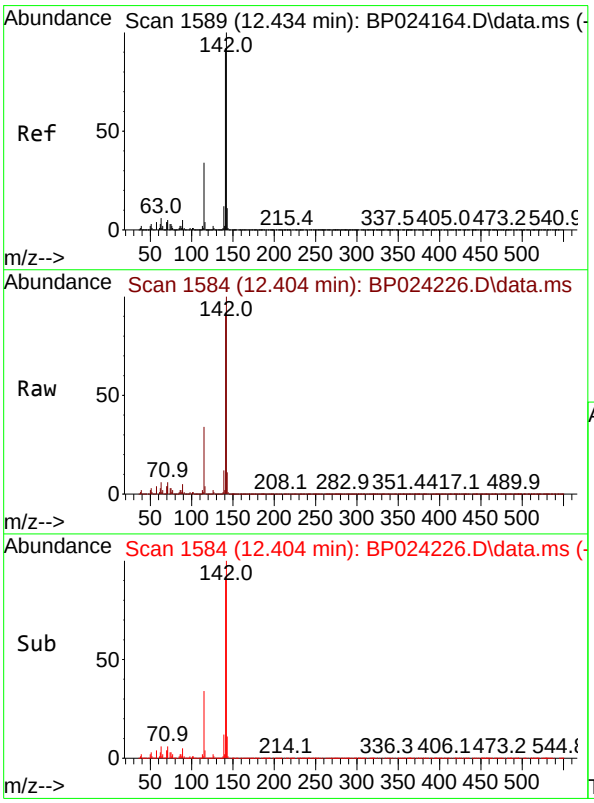
#37
2-Methylnaphthalene
Concen: 39.708 ng
RT: 12.181 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 2218499

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	32.9	26.0	39.0

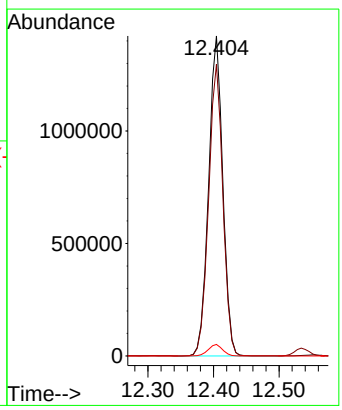


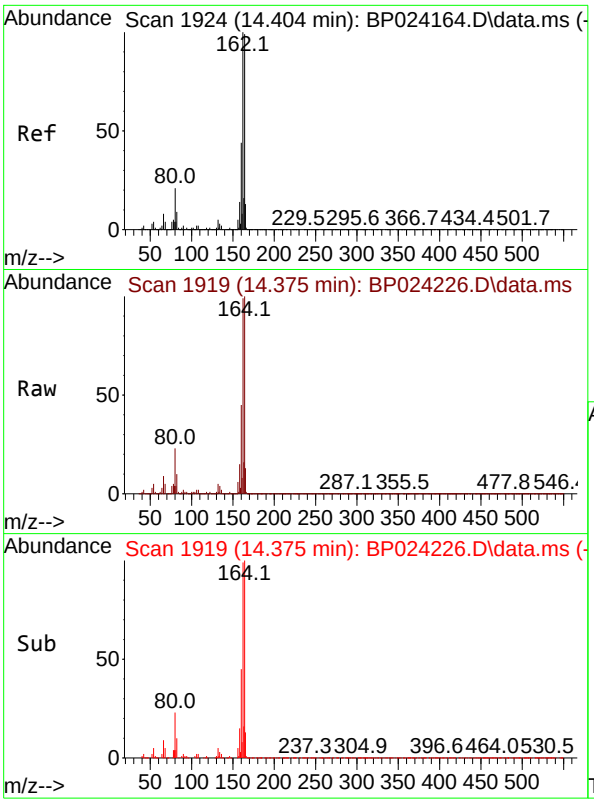


#38
1-Methylnaphthalene
Concen: 39.355 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:142 Resp: 2138642

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.9	110.9
116	3.6	2.8	4.2



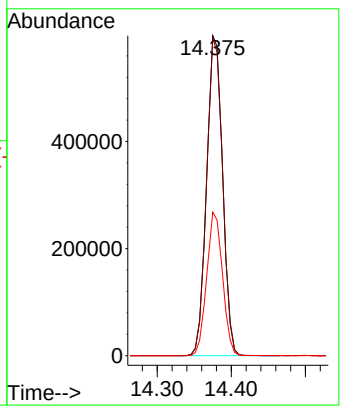


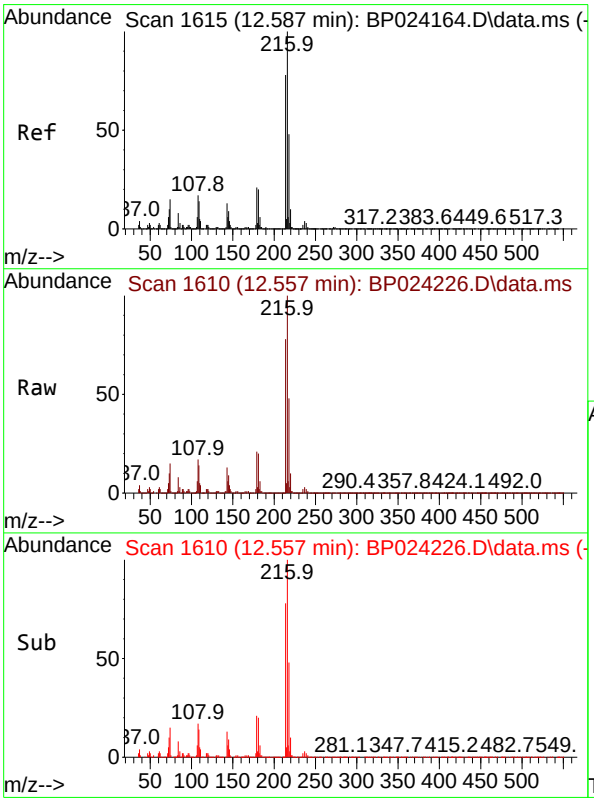
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 891224

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	121.0
160	44.8	35.4	53.2

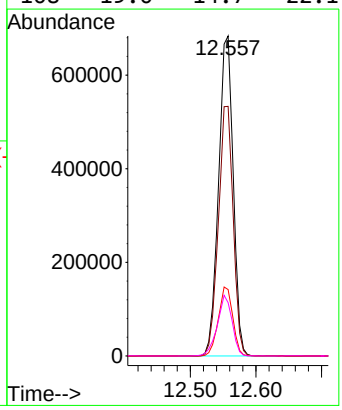


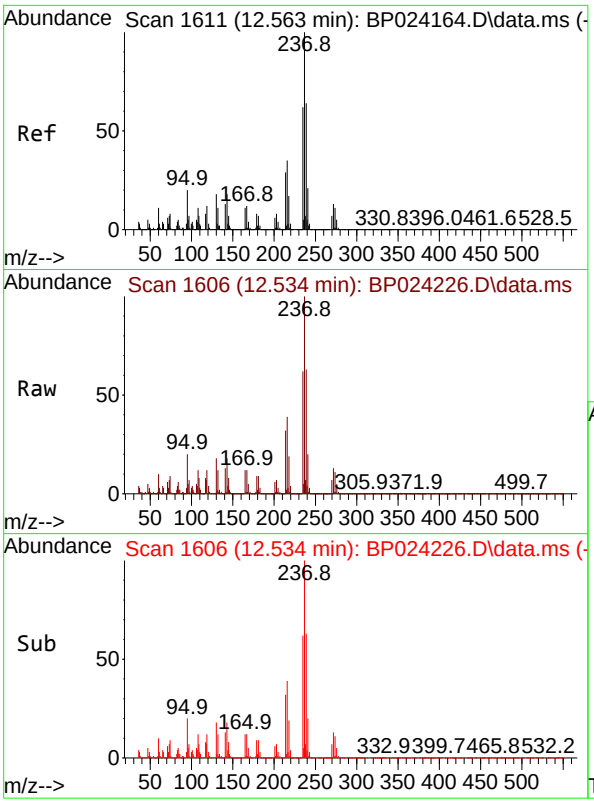


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.997 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:216 Resp: 1056188

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.8	94.2
179	21.2	16.8	25.2
108	19.0	14.7	22.1



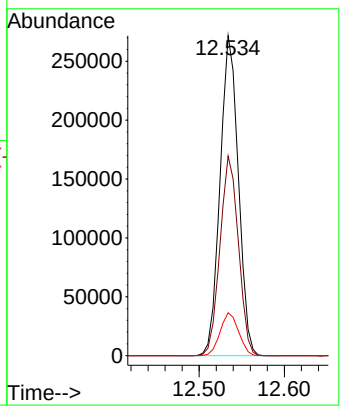


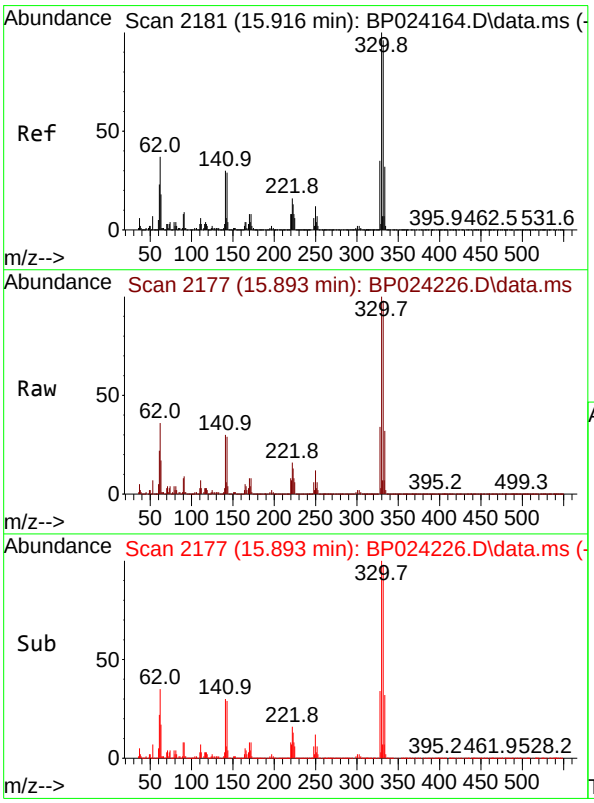
#41
Hexachlorocyclopentadiene
Concen: 43.613 ng
RT: 12.534 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 405015

Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.8	81.8
272	13.4	0.0	33.5

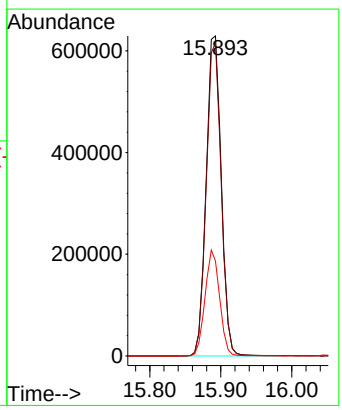


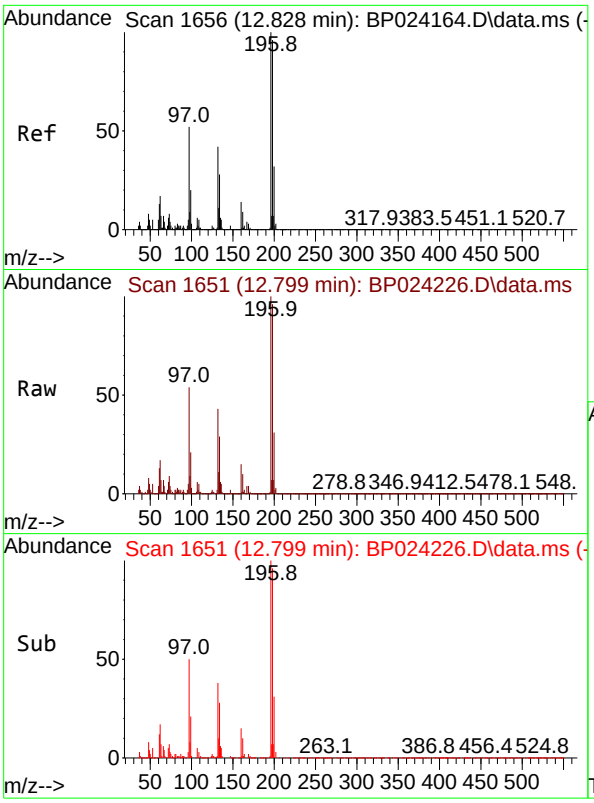


#42
2,4,6-Tribromophenol
Concen: 82.870 ng
RT: 15.893 min Scan# 2177
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:330 Resp: 930305

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	32.0	25.0	37.6



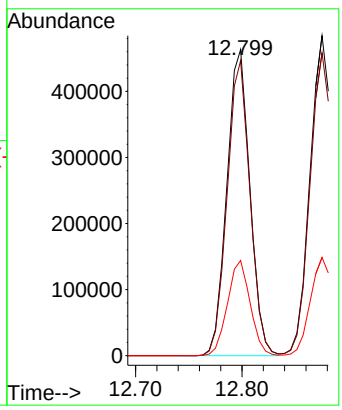


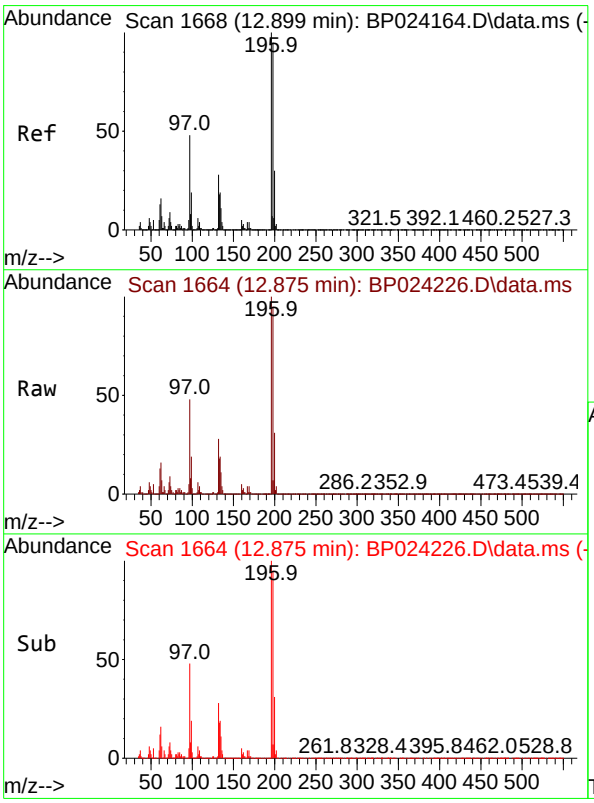
#43
2,4,6-Trichlorophenol
Concen: 42.517 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 696113

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.6	115.0
200	31.1	25.4	38.0

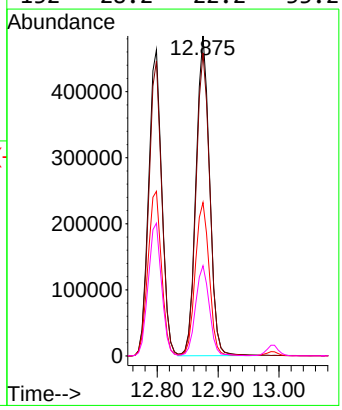


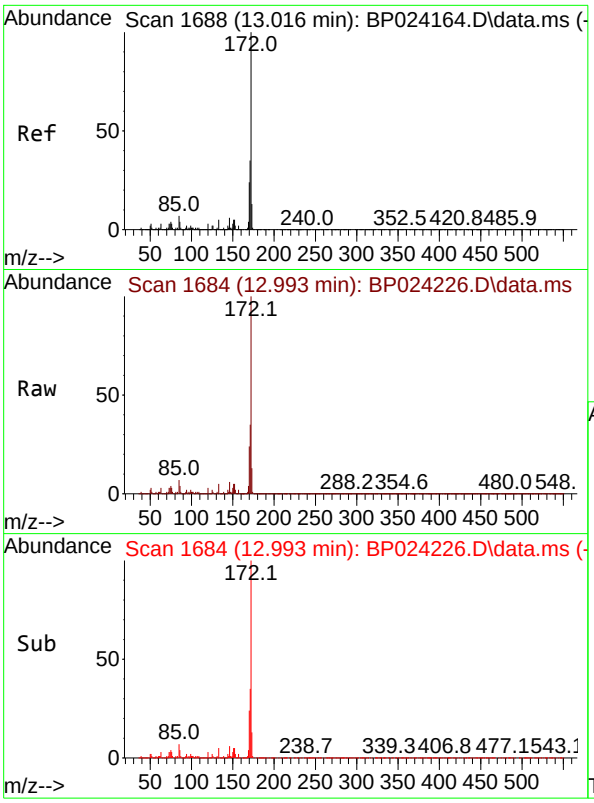


#44
2,4,5-Trichlorophenol
Concen: 41.756 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:196 Resp: 749745

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.5	114.7
97	47.9	38.7	58.1
132	28.2	22.2	33.2



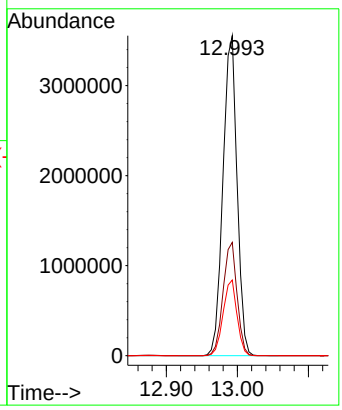


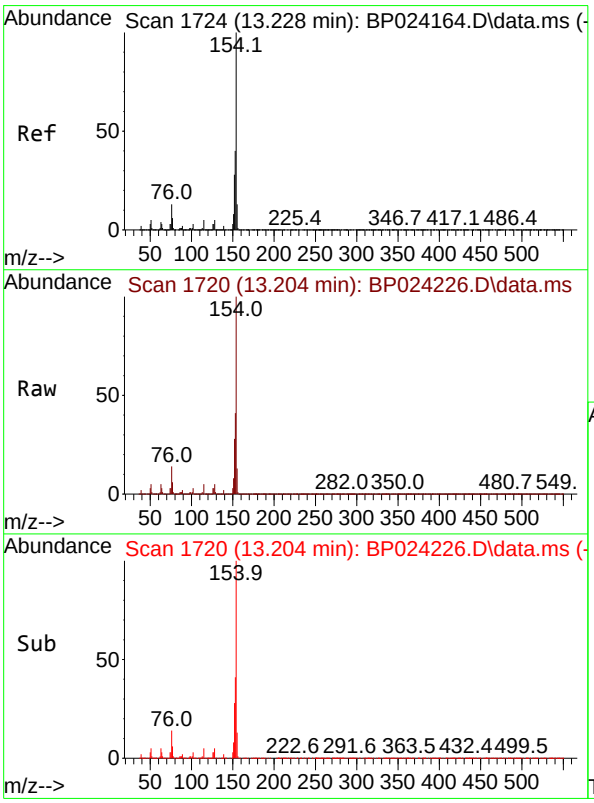
#45
2-Fluorobiphenyl
Concen: 80.624 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 4873019

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	19.0	28.4

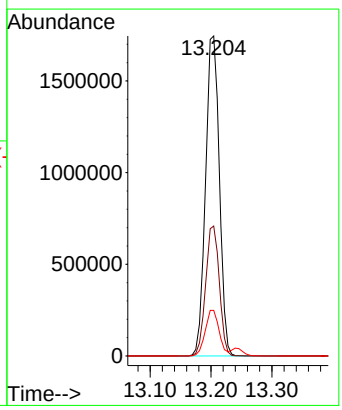


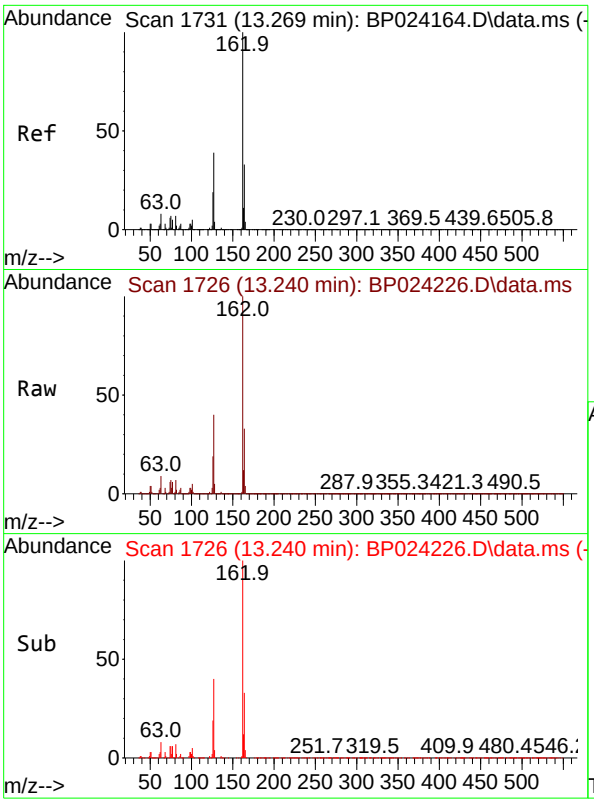


#46
1,1'-Biphenyl
Concen: 40.998 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:154 Resp: 2745709

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	14.3	0.0	32.9



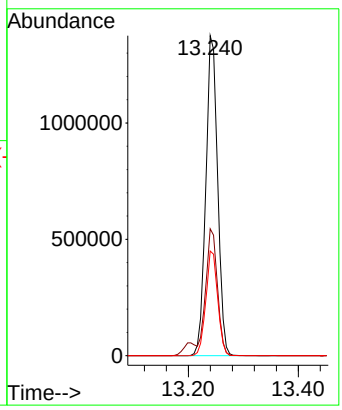


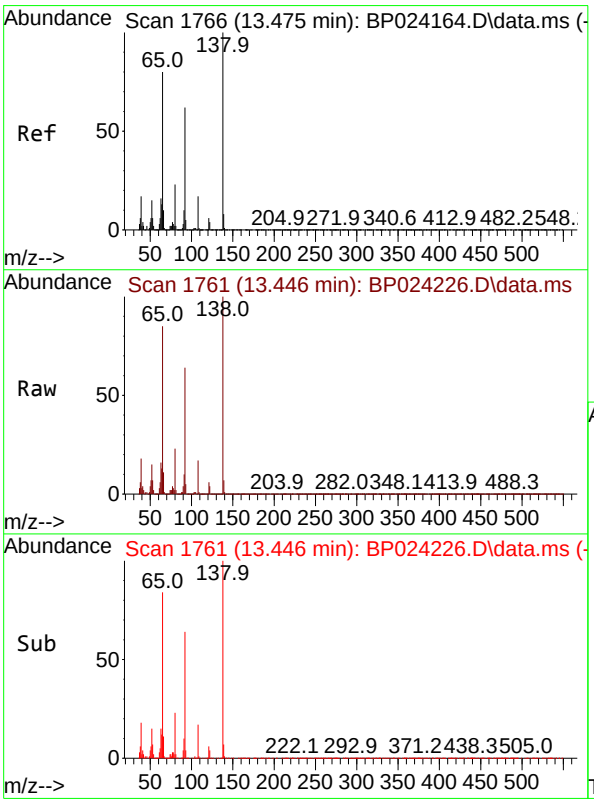
#47
2-Chloronaphthalene
Concen: 40.719 ng
RT: 13.240 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 2051169

Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.5	47.3
164	32.7	26.6	39.8

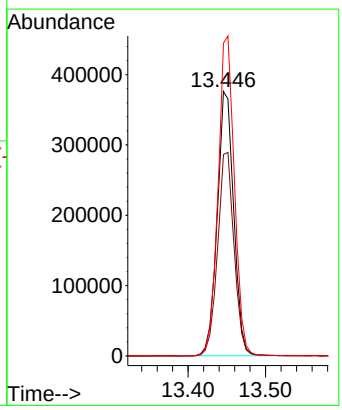


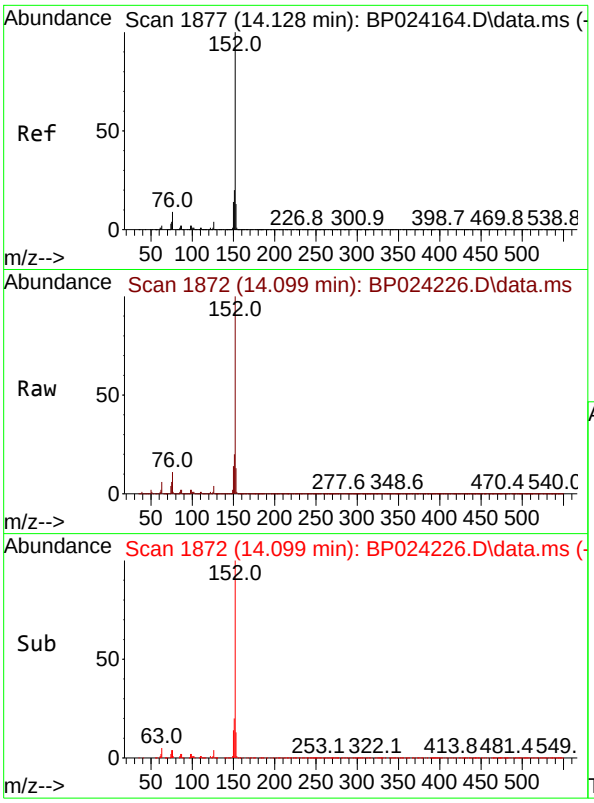


#48
2-Nitroaniline
Concen: 43.269 ng
RT: 13.446 min Scan# 1761
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion: 65 Resp: 557492

Ion	Ratio	Lower	Upper
65	100		
92	76.1	62.1	93.1
138	118.2	99.5	149.3



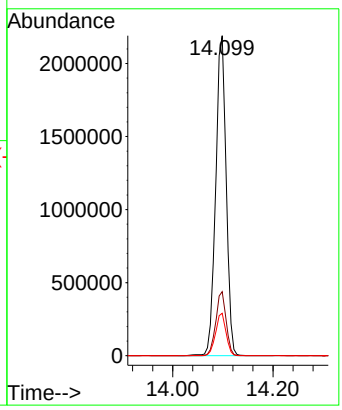


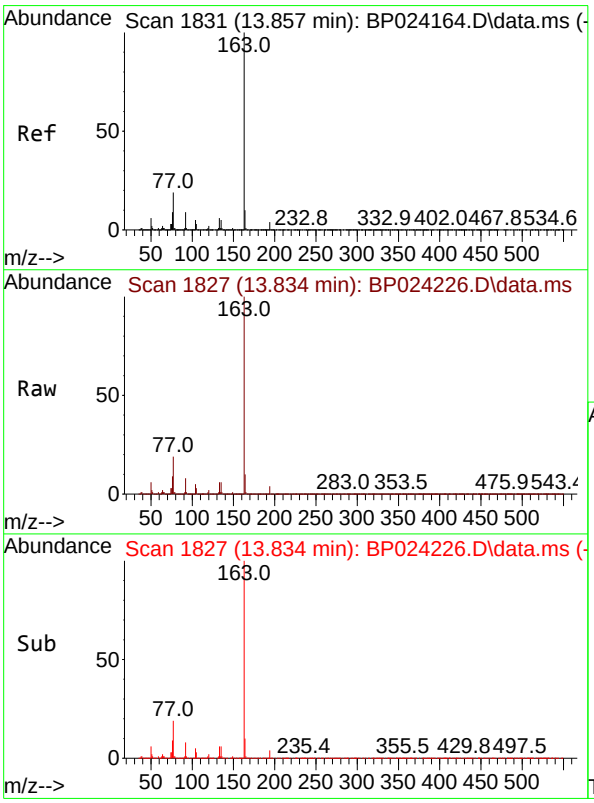
#49
Acenaphthylene
Concen: 41.605 ng
RT: 14.099 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 3171238

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.3	10.6	15.8

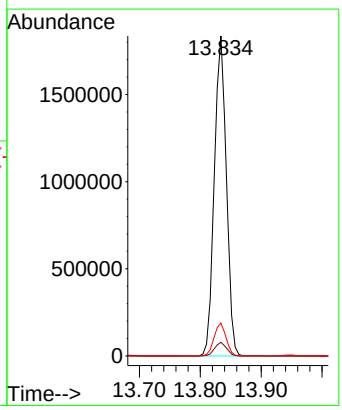


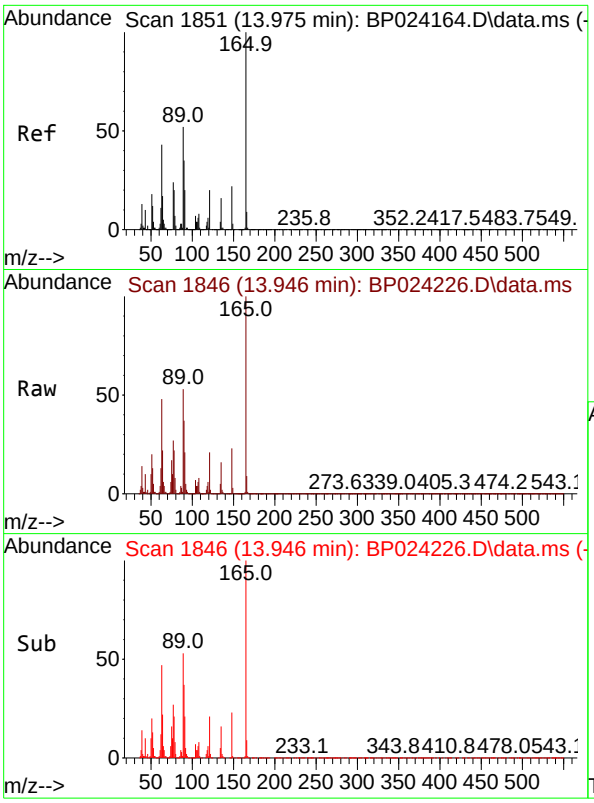


#50
Dimethylphthalate
Concen: 40.387 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:163 Resp: 2518565

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.2	12.4



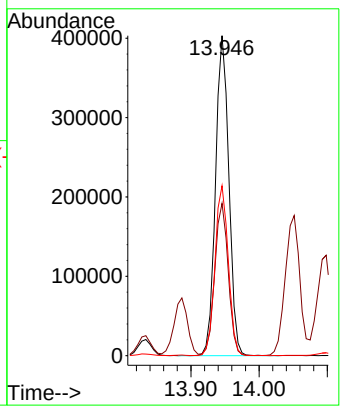


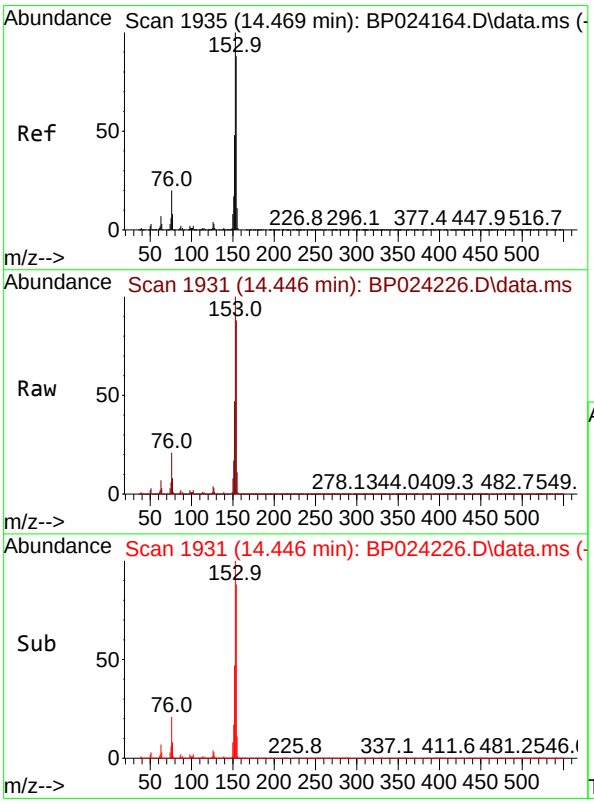
#51
2,6-Dinitrotoluene
Concen: 41.787 ng
RT: 13.946 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 548282

Ion	Ratio	Lower	Upper
165	100		
63	47.6	37.7	56.5
89	53.1	41.9	62.9

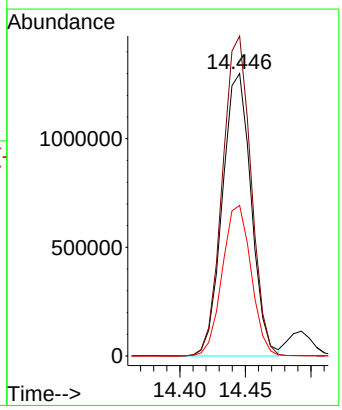


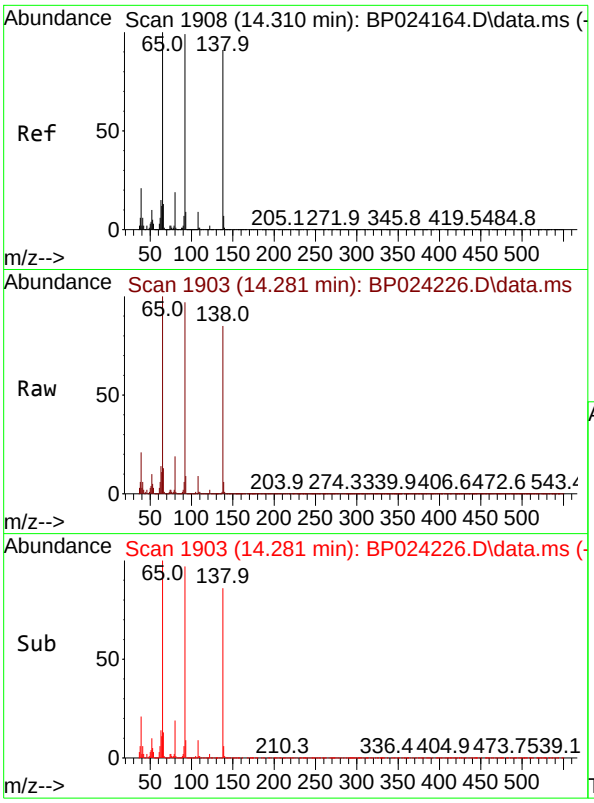


#52
Acenaphthene
Concen: 40.764 ng
RT: 14.446 min Scan# 1931
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:154 Resp: 1985187

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.5	135.7
152	53.3	43.1	64.7



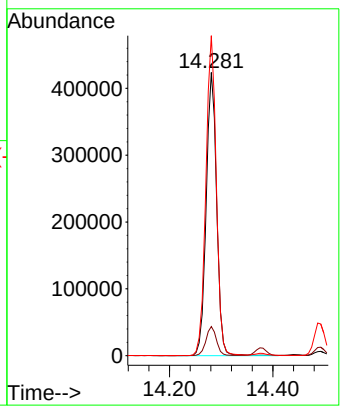


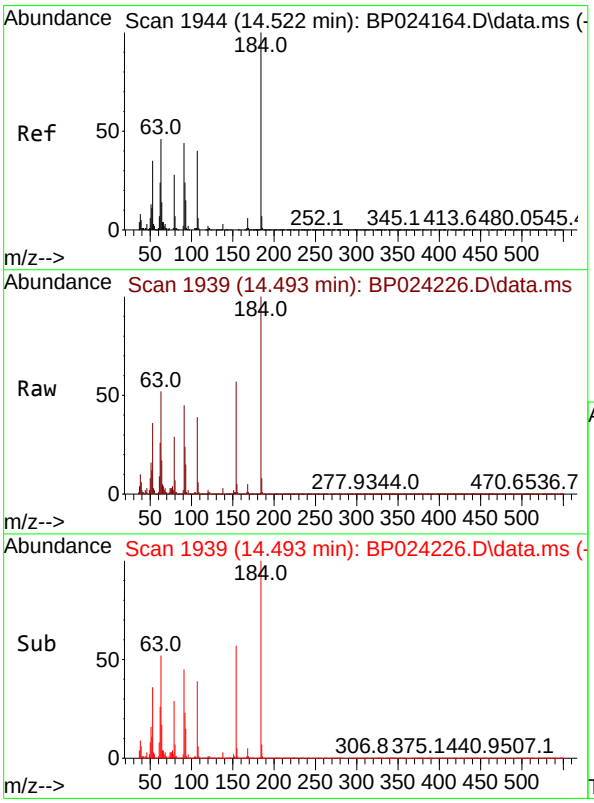
#53
3-Nitroaniline
Concen: 41.928 ng
RT: 14.281 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 594175

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.2
92	113.0	86.7	130.1

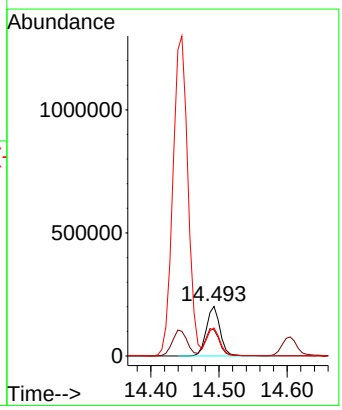


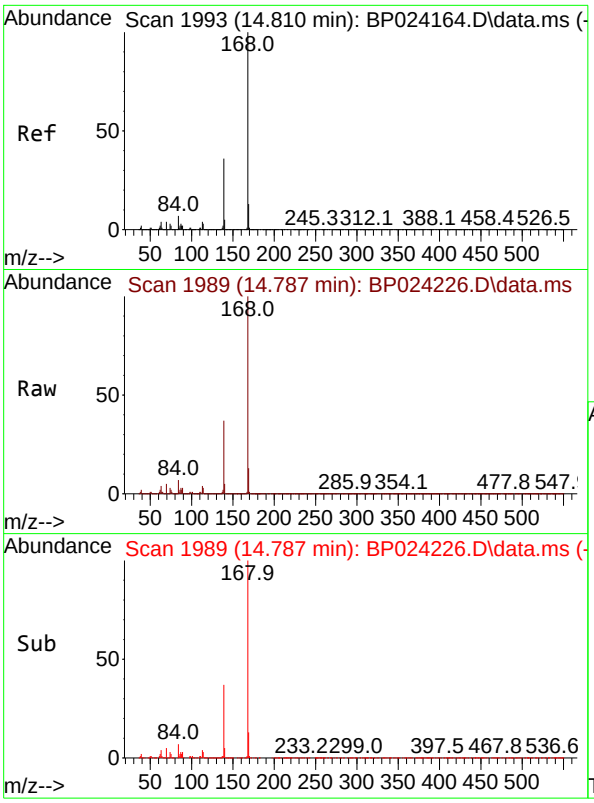


#54
2,4-Dinitrophenol
Concen: 40.700 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:184 Resp: 282567

Ion	Ratio	Lower	Upper
184	100		
63	52.4	42.1	63.1
154	56.5	44.6	67.0



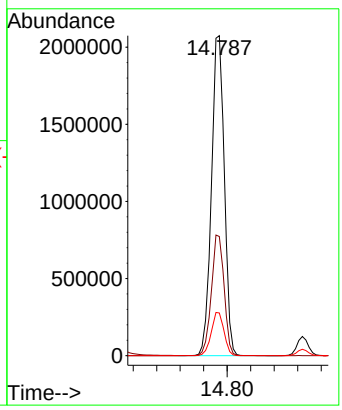


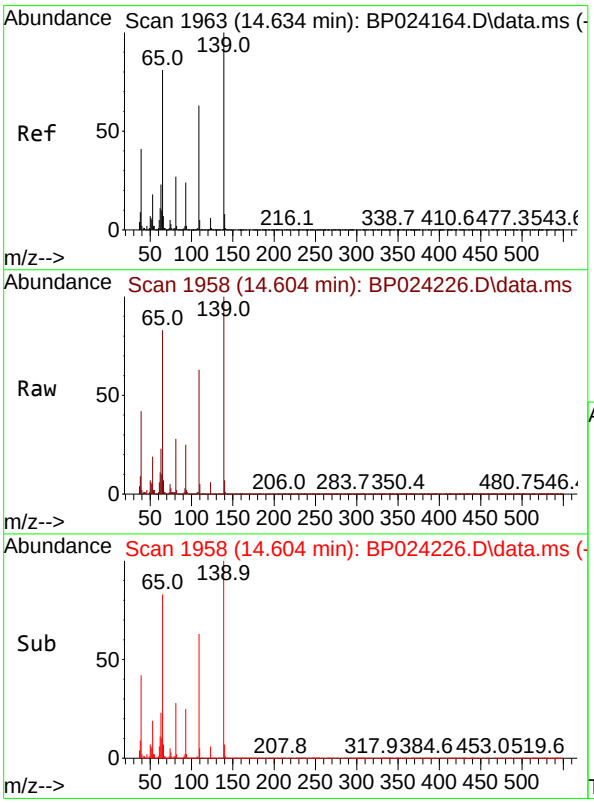
#55
Dibenzofuran
Concen: 39.898 ng
RT: 14.787 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 3147389

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.1	43.7
169	13.4	10.8	16.2

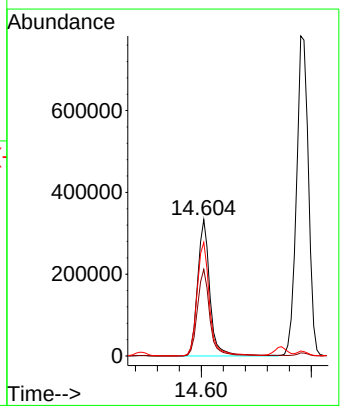


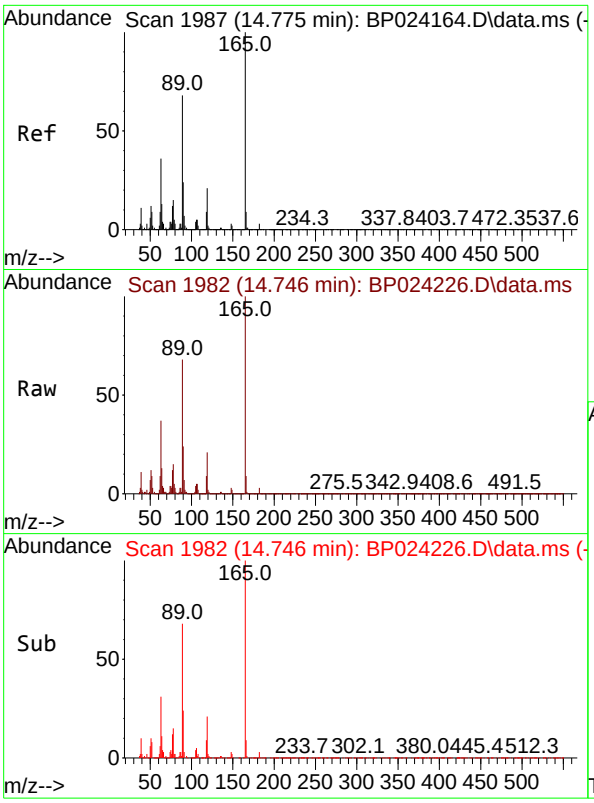


#56
4-Nitrophenol
Concen: 43.456 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:139 Resp: 514579

Ion	Ratio	Lower	Upper
139	100		
109	63.5	43.3	83.3
65	83.3	61.2	101.2



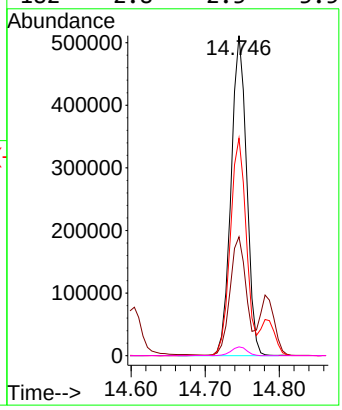


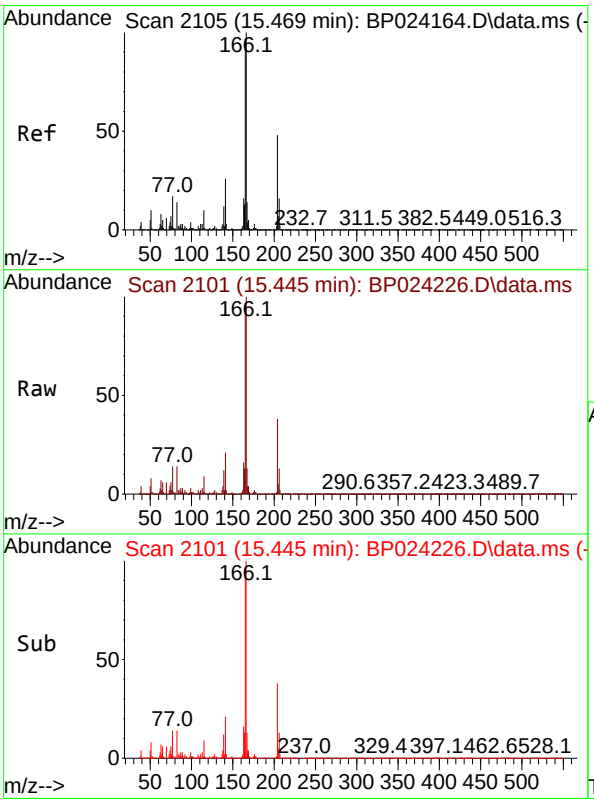
#57
2,4-Dinitrotoluene
Concen: 42.953 ng
RT: 14.746 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 744447

Ion	Ratio	Lower	Upper
165	100		
63	37.2	29.0	43.6
89	67.9	54.2	81.4
182	2.8	2.3	3.5

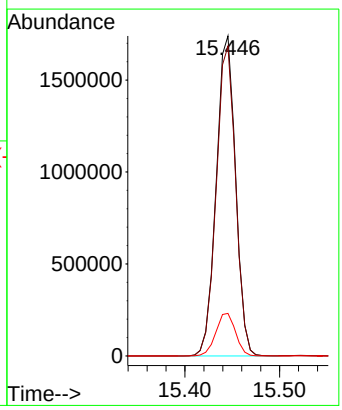


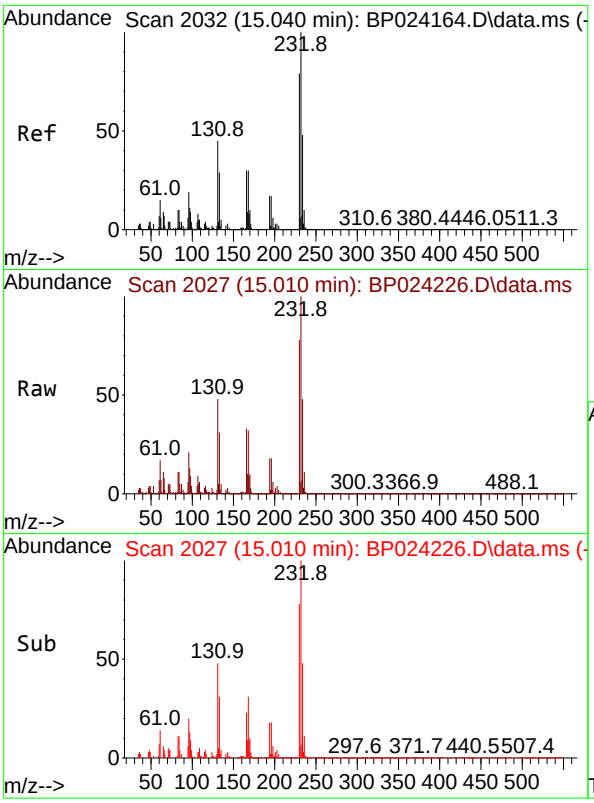


#58
Fluorene
Concen: 40.261 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:166 Resp: 2474519

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.6	116.4
167	13.3	10.8	16.2



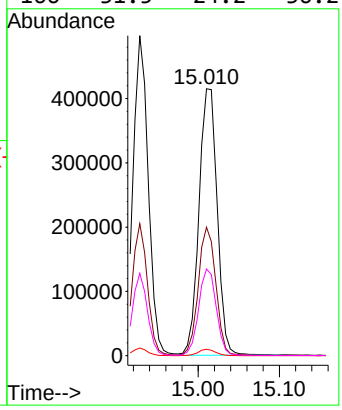


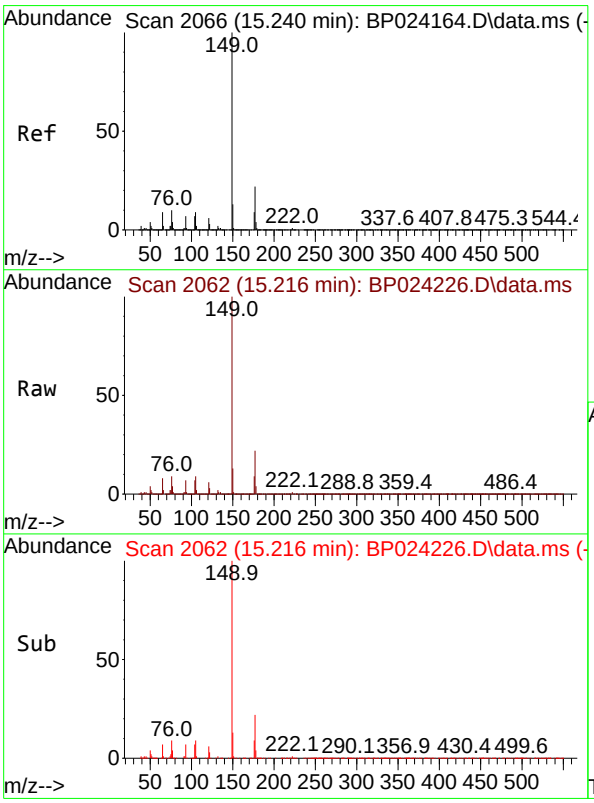
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.731 ng
RT: 15.010 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 646152

Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.9	53.9
130	2.3	1.8	2.6
166	31.5	24.2	36.2

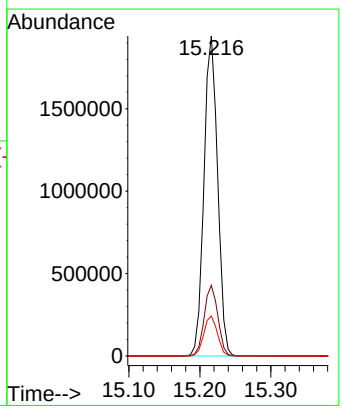


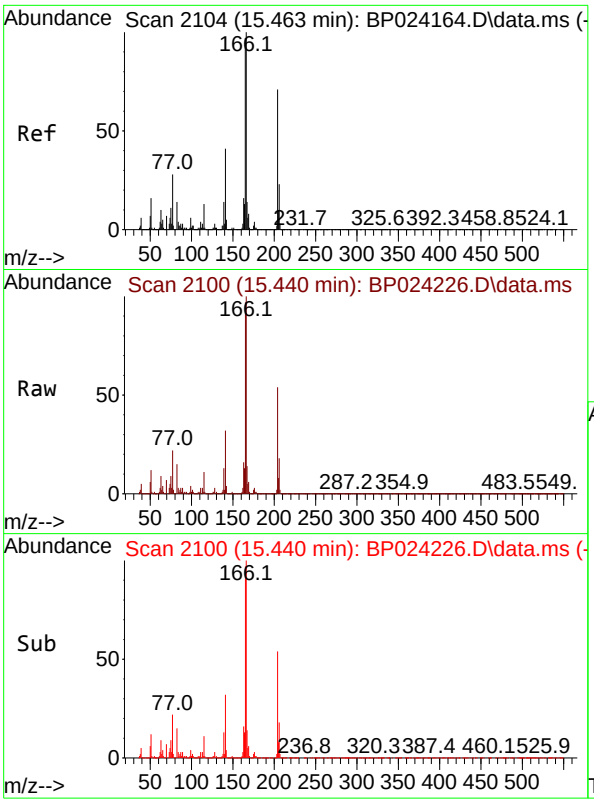


#60
Diethylphthalate
Concen: 41.807 ng
RT: 15.216 min Scan# 2062
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:149 Resp: 2596236

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.5	10.2	15.4



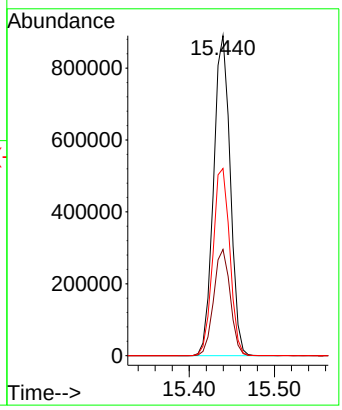


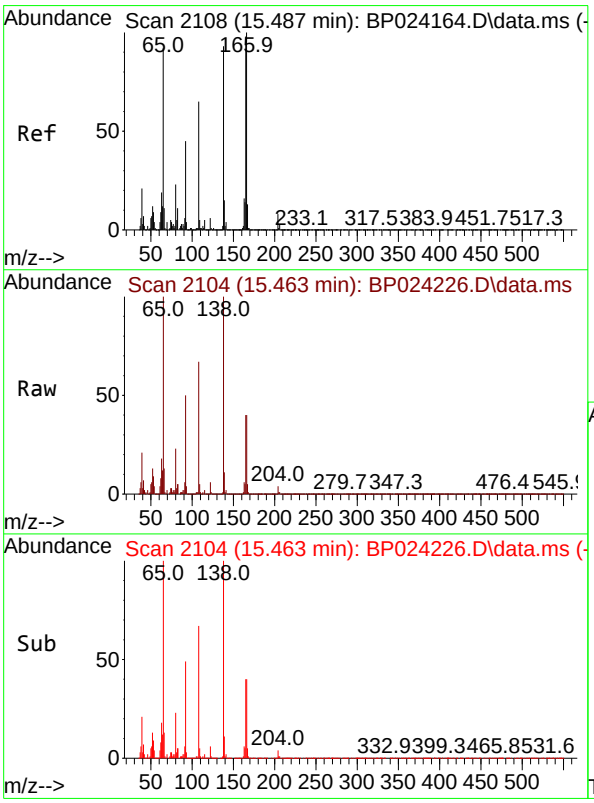
#61
4-Chlorophenyl-phenylether
Concen: 40.097 ng
RT: 15.440 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 1208752

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	58.5	45.8	68.8

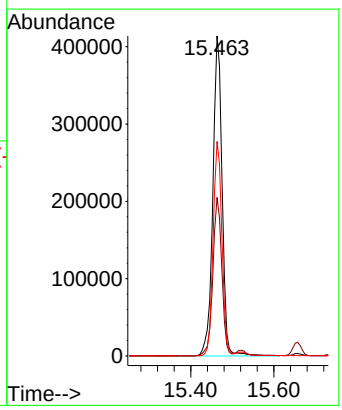


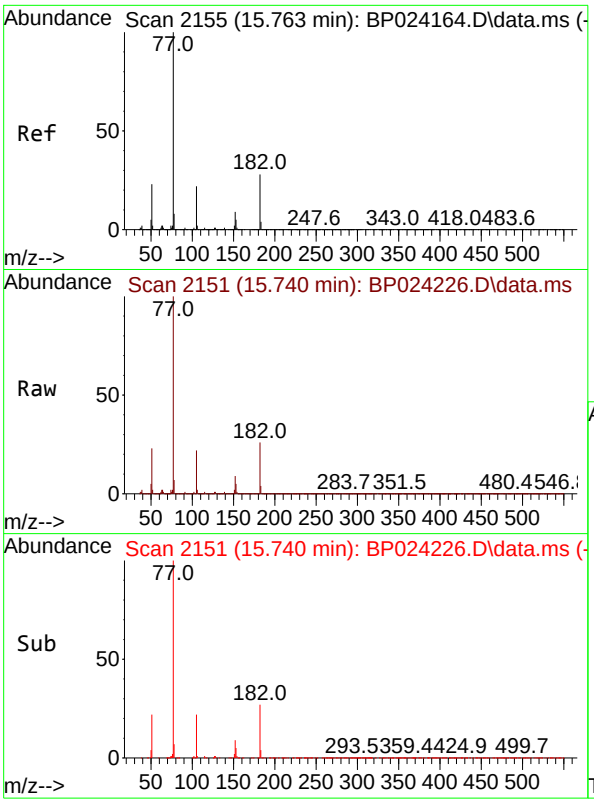


#62
4-Nitroaniline
Concen: 43.029 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:138 Resp: 639560

Ion	Ratio	Lower	Upper
138	100		
92	49.6	28.7	68.7
108	67.0	49.5	89.5



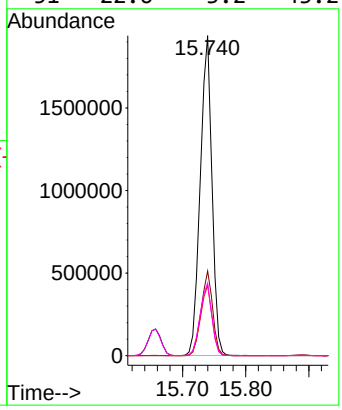


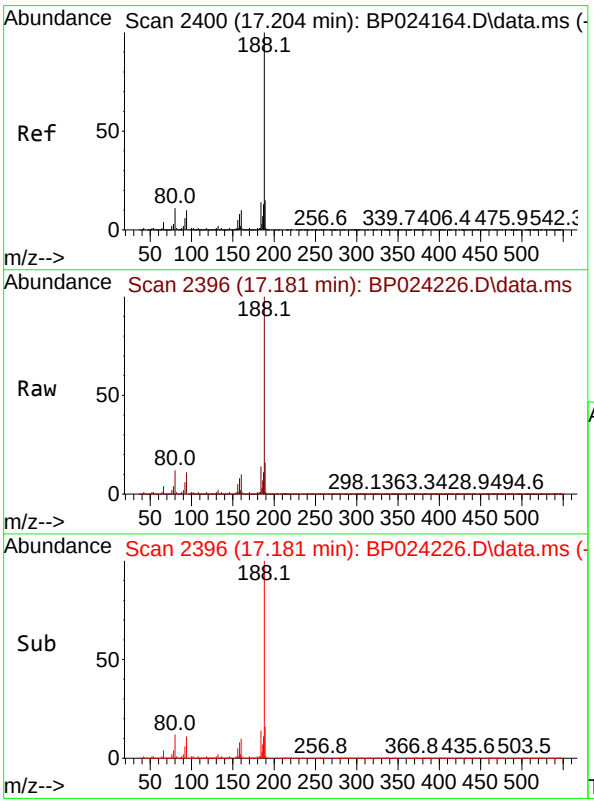
#63
Azobenzene
Concen: 42.619 ng
RT: 15.740 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 2494527

Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.7	47.7
105	22.0	2.3	42.3
51	22.6	3.2	43.2

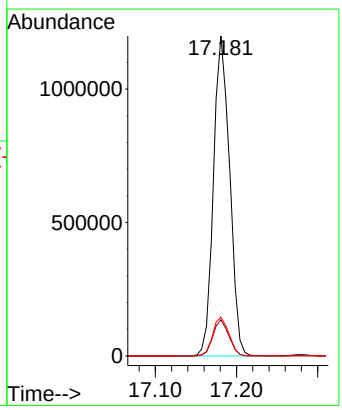


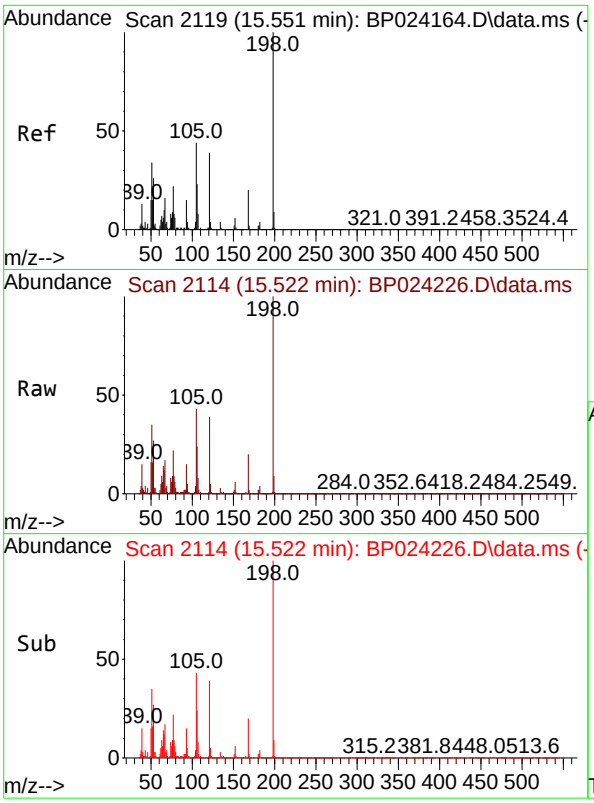


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:188 Resp: 1662194

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.1	12.1
80	12.0	8.9	13.3



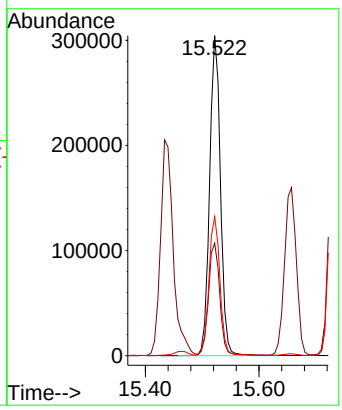


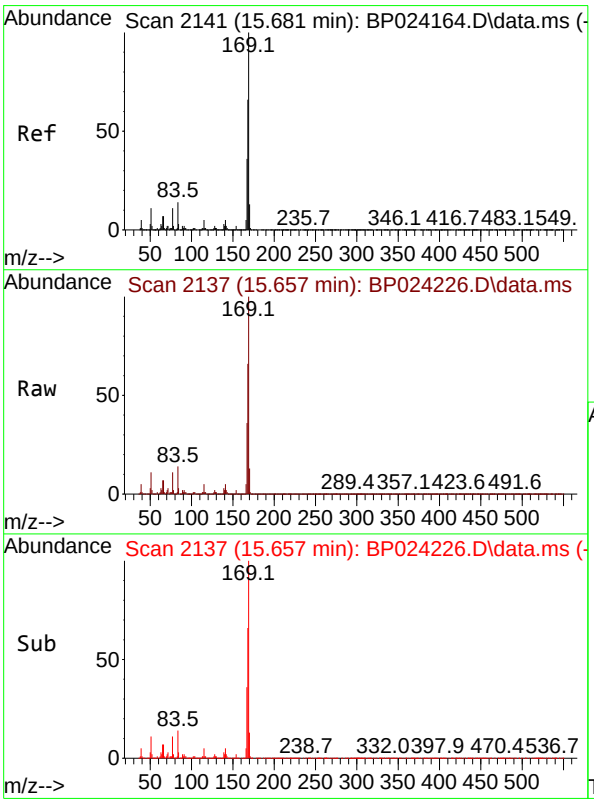
#65
4,6-Dinitro-2-methylphenol
Concen: 40.583 ng
RT: 15.522 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 400468

Ion	Ratio	Lower	Upper
198	100		
51	35.2	14.7	54.7
105	43.4	23.8	63.8

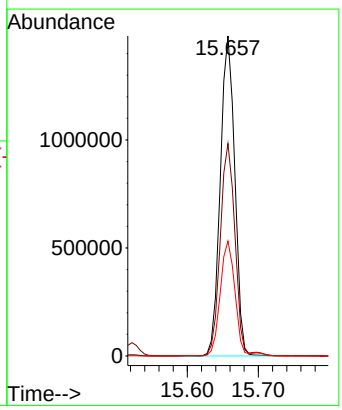


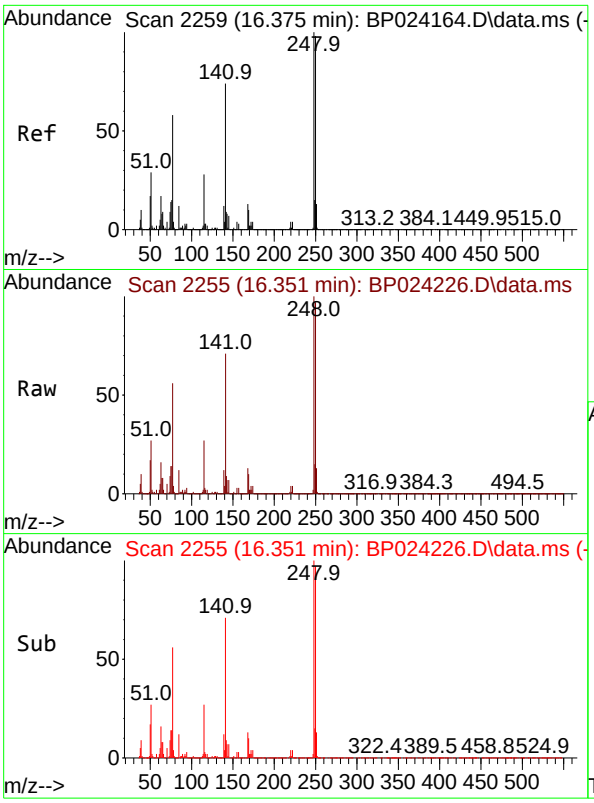


#66
n-Nitrosodiphenylamine
Concen: 41.447 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:169 Resp: 2092015

Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.9	79.3
167	35.9	28.8	43.2



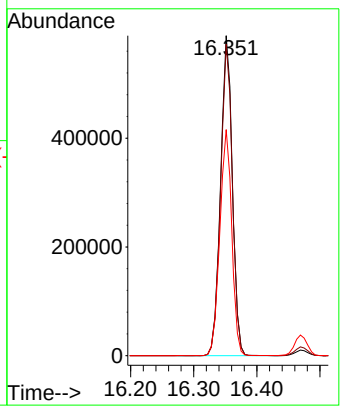


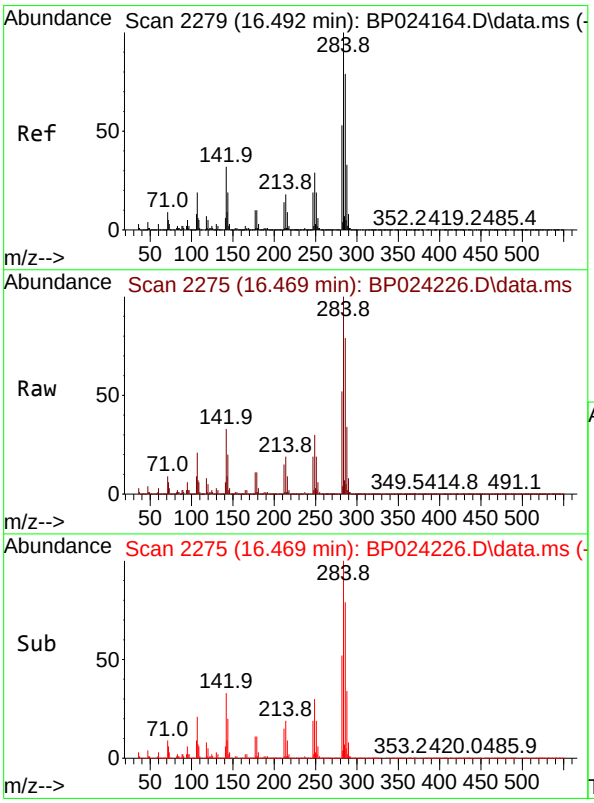
#67
4-Bromophenyl-phenylether
Concen: 41.688 ng
RT: 16.351 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 760770

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	70.6	59.4	89.0

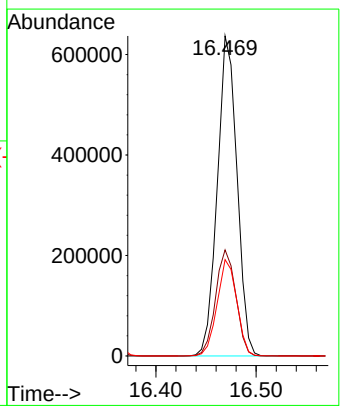


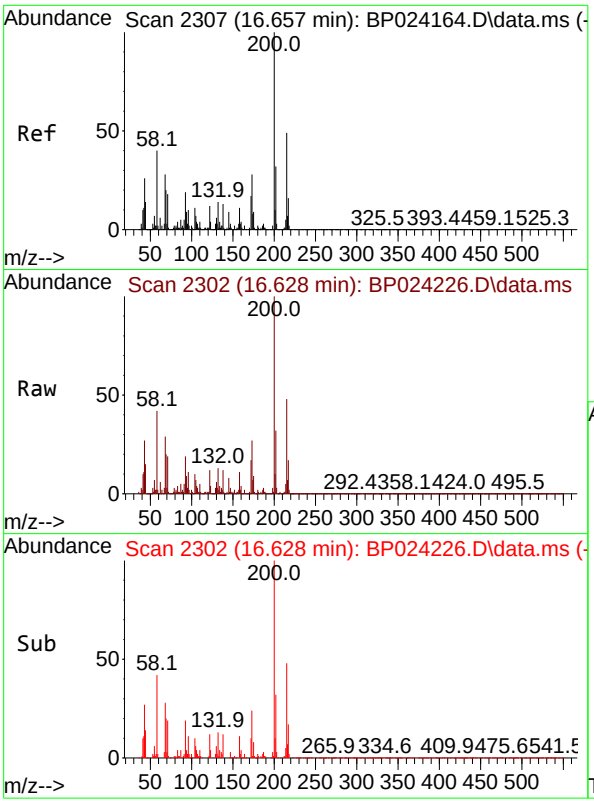


#68
Hexachlorobenzene
Concen: 40.204 ng
RT: 16.469 min Scan# 2275
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:284 Resp: 868411

Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.4	38.2
249	30.1	23.5	35.3



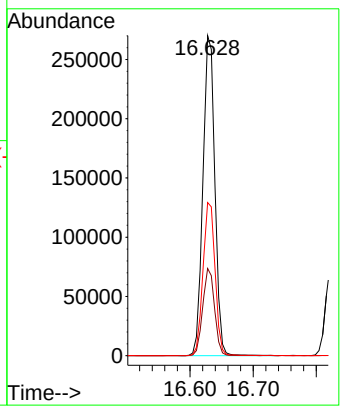


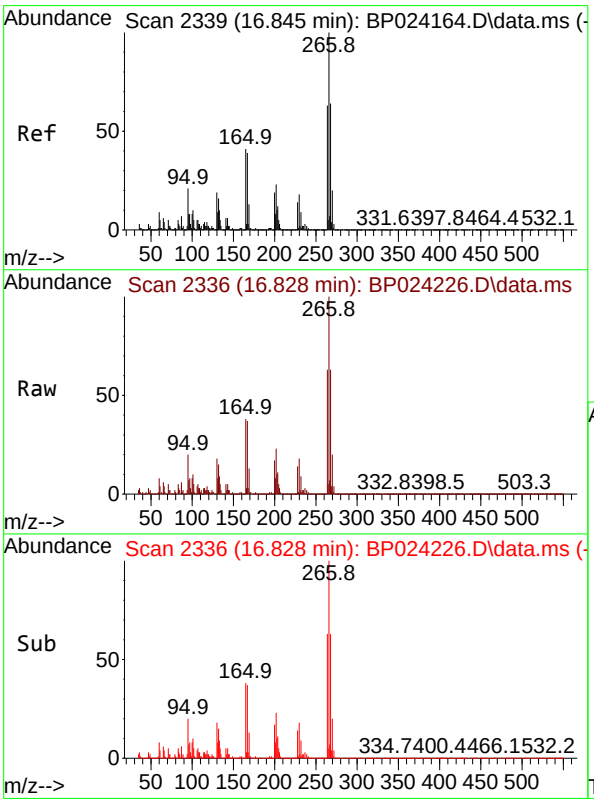
#69
Atrazine
Concen: 29.184 ng
RT: 16.628 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 355549

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	47.8	29.0	69.0

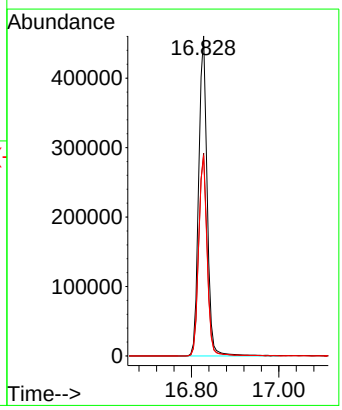


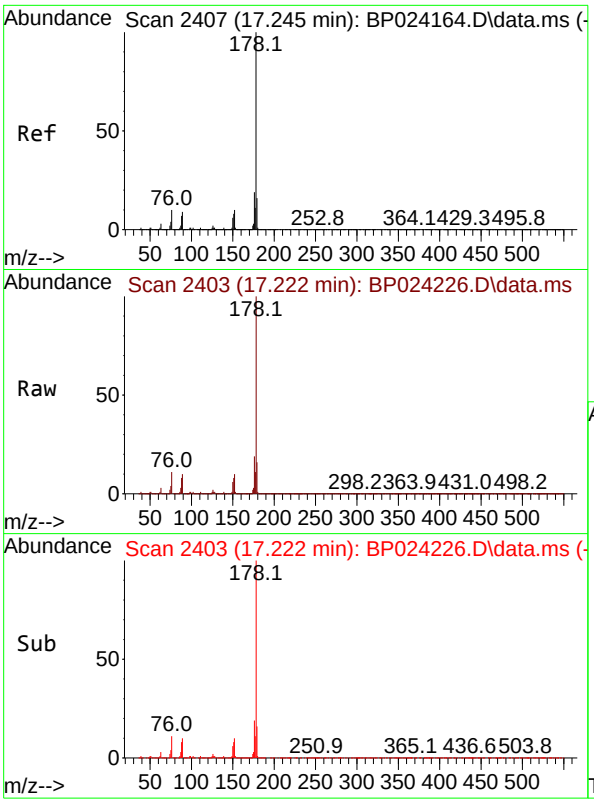


#70
Pentachlorophenol
Concen: 44.409 ng
RT: 16.828 min Scan# 2336
Delta R.T. -0.018 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:266 Resp: 620319

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.3	76.9
264	62.6	50.6	76.0



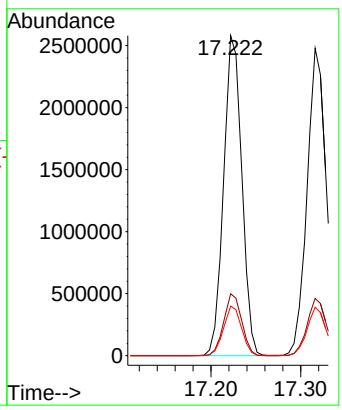


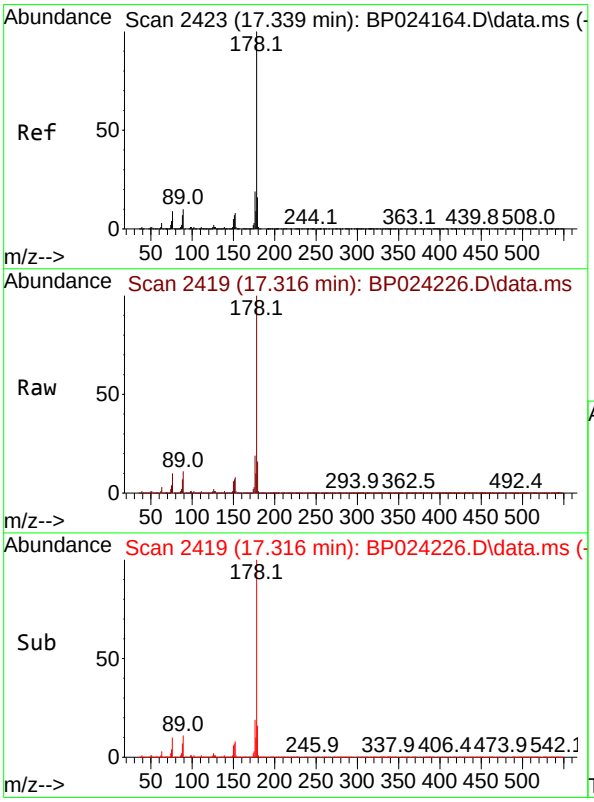
#71
Phenanthrene
Concen: 40.022 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 3634197

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.5	12.5	18.7

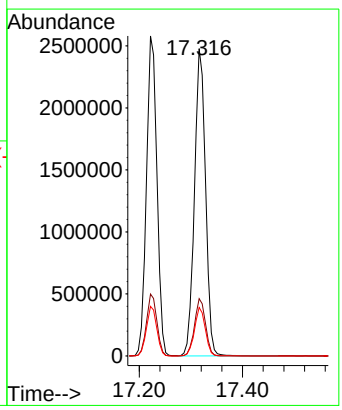


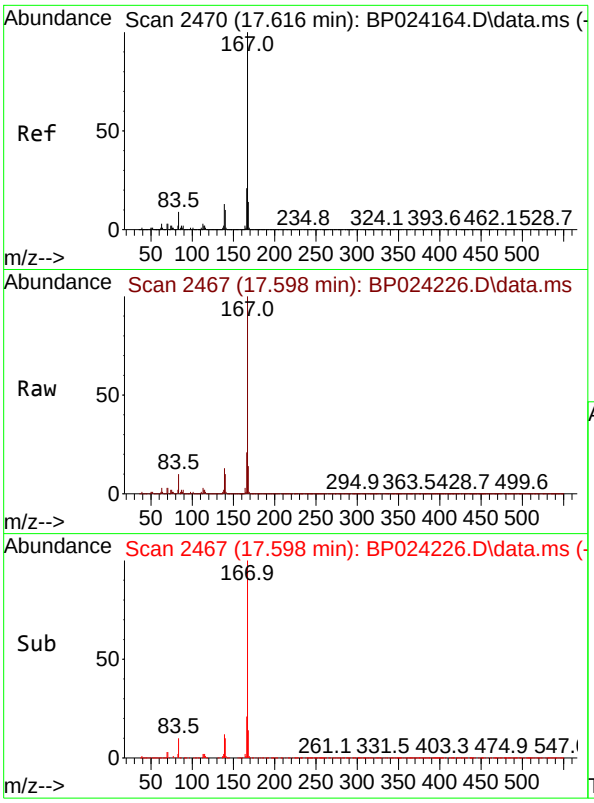


#72
Anthracene
Concen: 41.654 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:178 Resp: 3683868

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.8	12.6	18.8



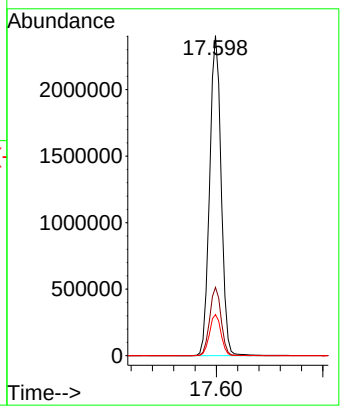


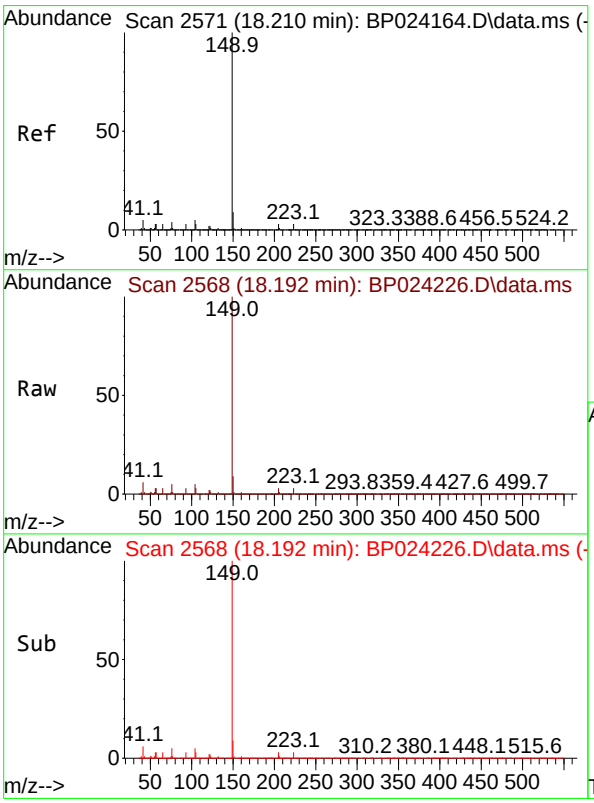
#73
Carbazole
Concen: 42.208 ng
RT: 17.598 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 3599930

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.2	15.4

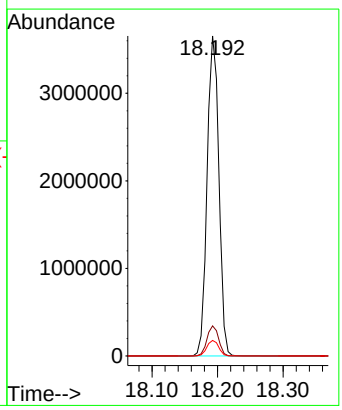


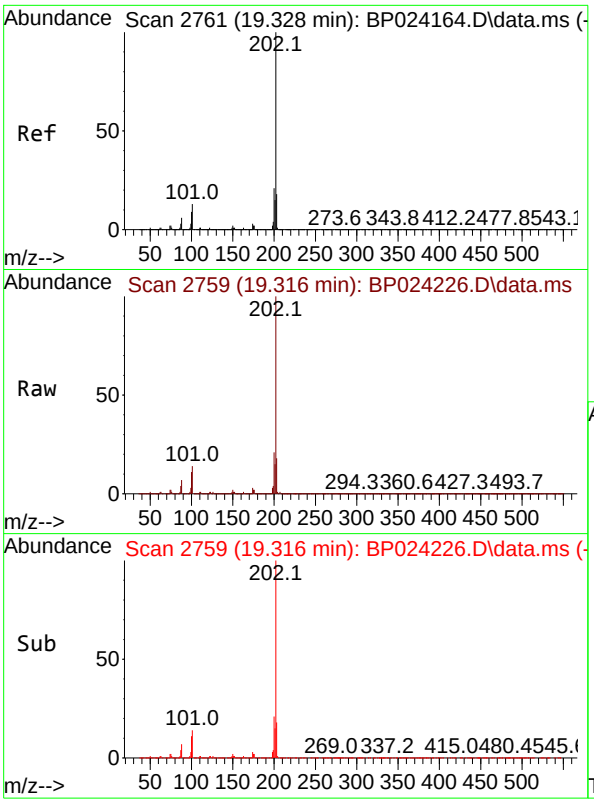


#74
Di-n-butylphthalate
Concen: 45.020 ng
RT: 18.192 min Scan# 2568
Delta R.T. -0.018 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:149 Resp: 4558214

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.9	3.9	5.9



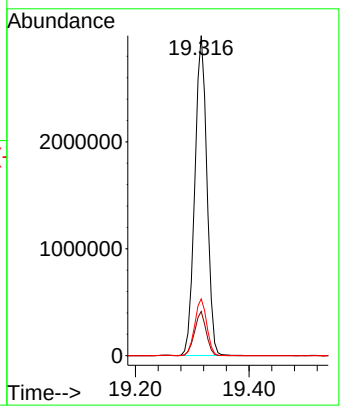


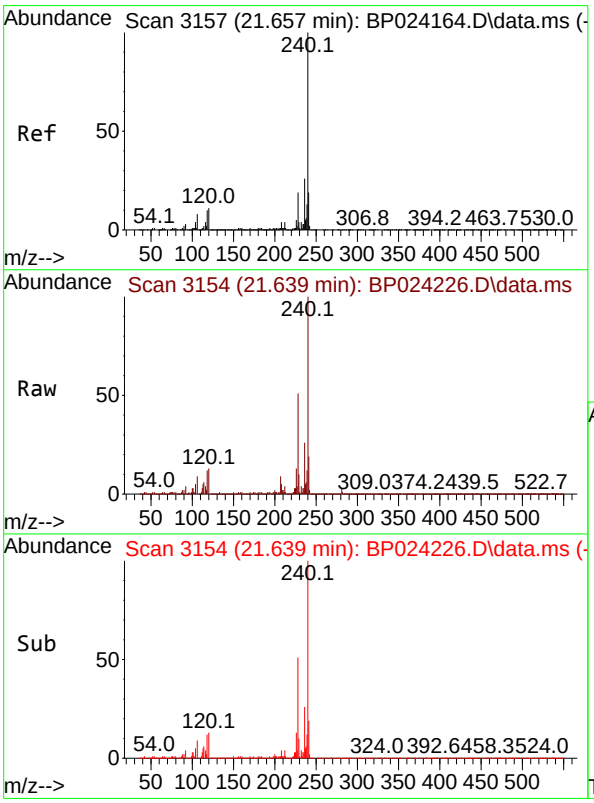
#75
Fluoranthene
Concen: 42.152 ng
RT: 19.316 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 4433069

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	32.5
203	17.7	0.0	37.9

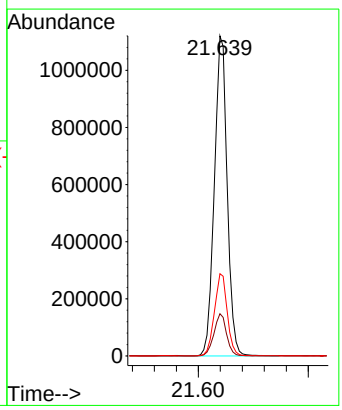


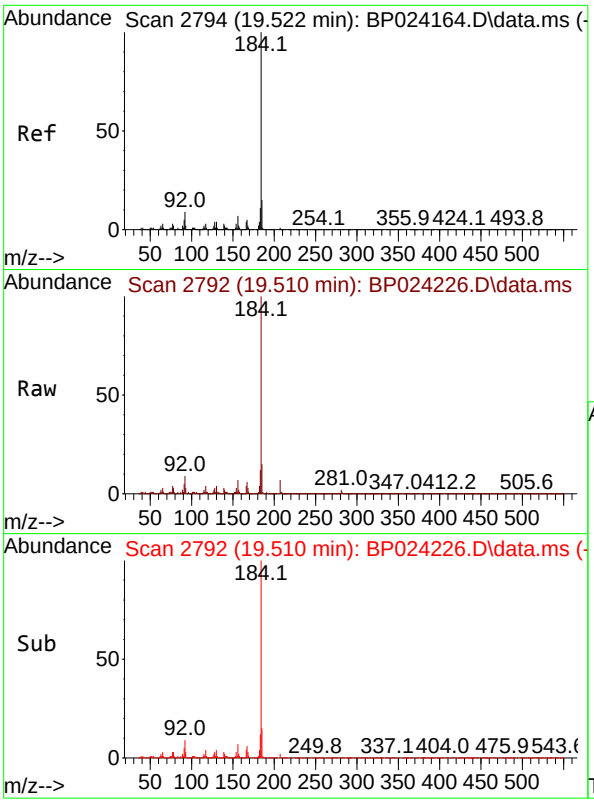


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:240 Resp: 1816390

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.2	13.8
236	25.7	20.4	30.6



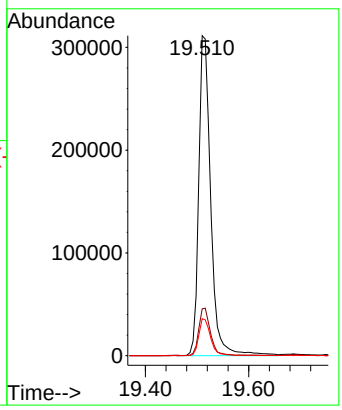


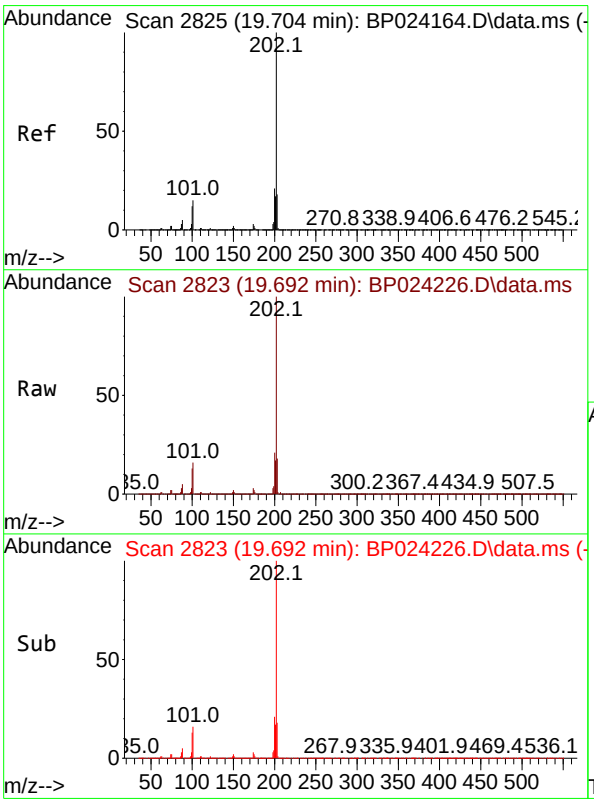
#77
Benzidine
Concen: 25.254 ng
RT: 19.510 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 501521

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.6	9.1	13.7

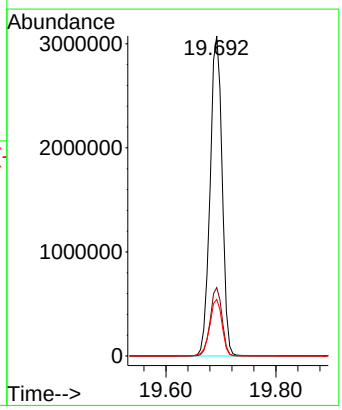


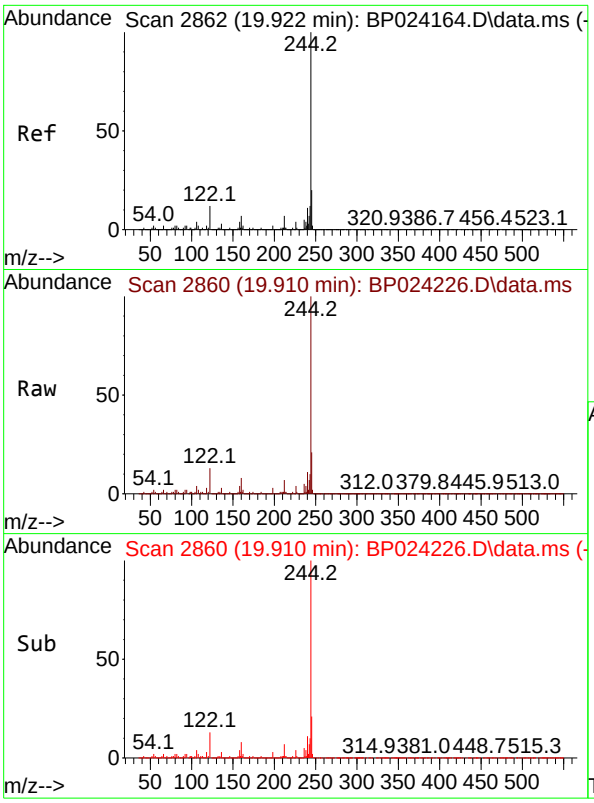


#78
Pyrene
Concen: 41.281 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:202 Resp: 4661555

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.7	14.2	21.4



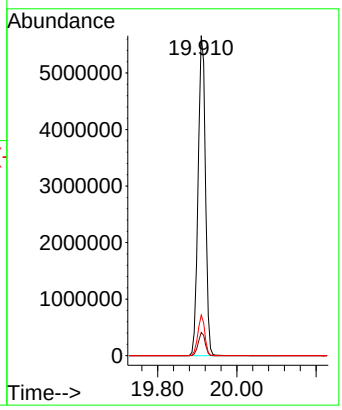


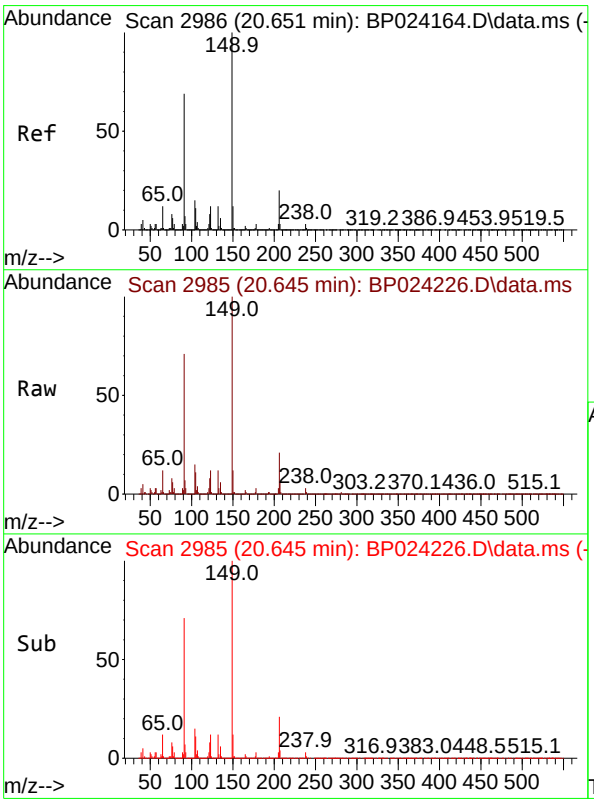
#79
Terphenyl-d14
Concen: 81.861 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 7203280

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.7	9.6	14.4

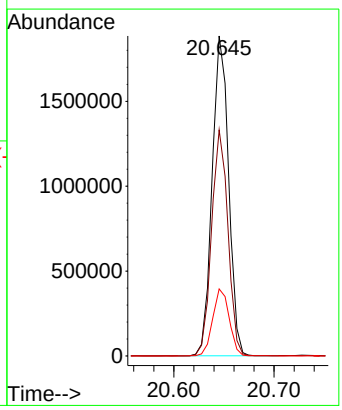


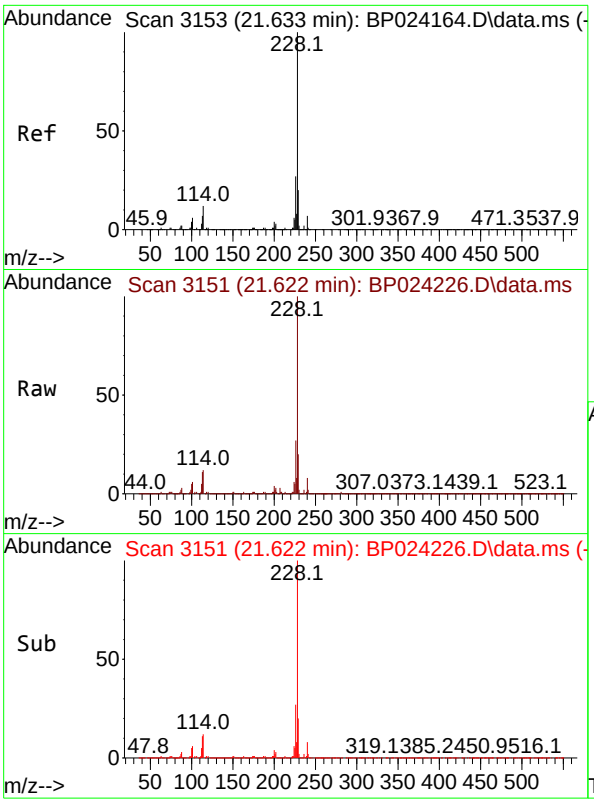


#80
Butylbenzylphthalate
Concen: 46.113 ng
RT: 20.645 min Scan# 2985
Delta R.T. -0.006 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:149 Resp: 2147381

Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.3	82.9
206	21.0	16.1	24.1



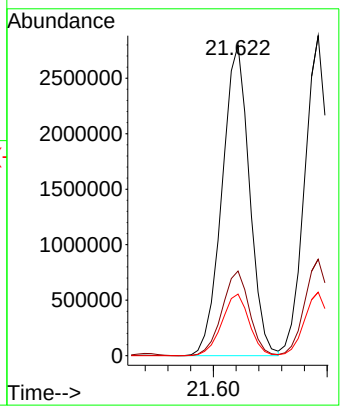


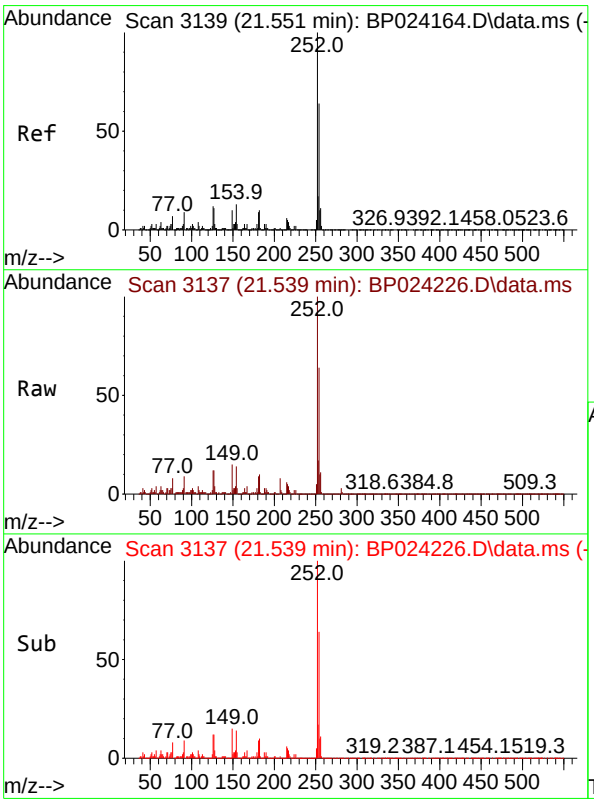
#81
Benzo(a)anthracene
Concen: 41.473 ng
RT: 21.622 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 4683481

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.8	16.0	24.0

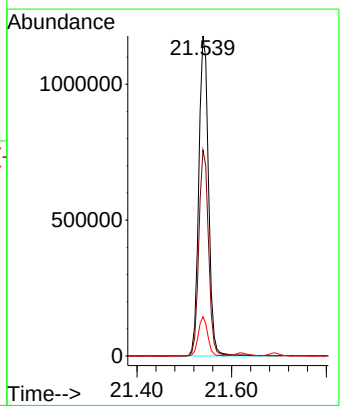


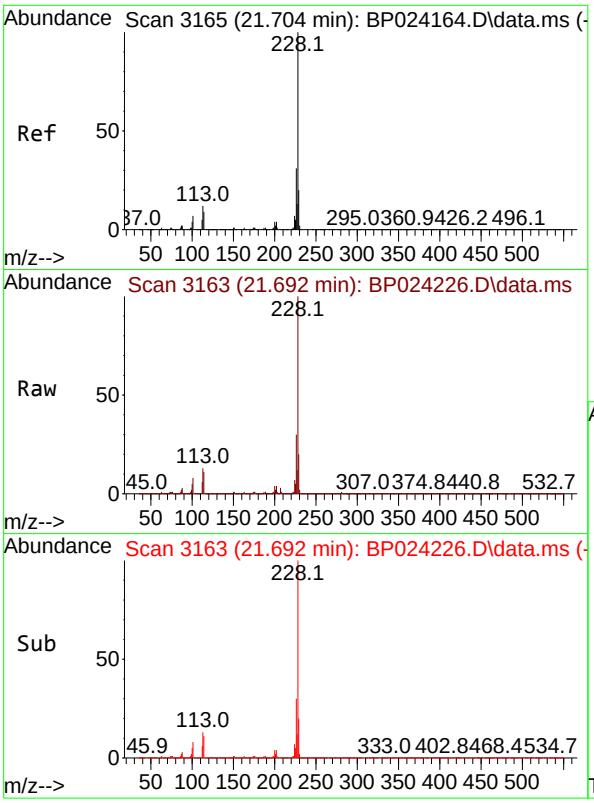


#82
3,3'-Dichlorobenzidine
Concen: 44.097 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:252 Resp: 1669038

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	12.3	9.3	13.9



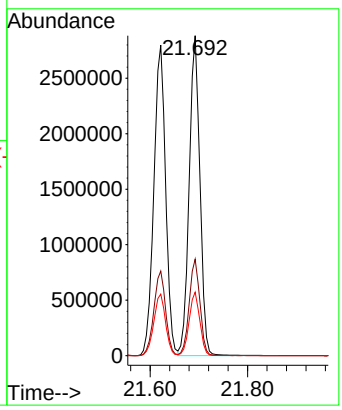


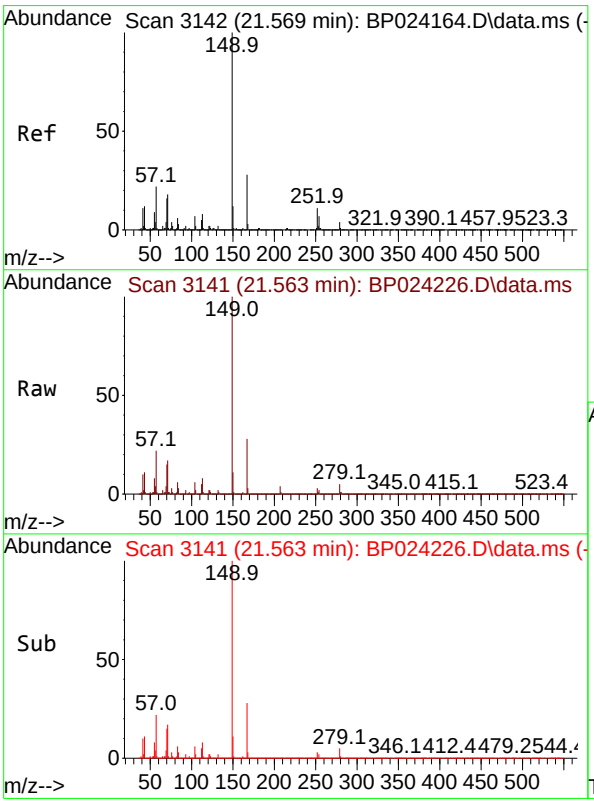
#83
Chrysene
Concen: 40.702 ng
RT: 21.692 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 4418706

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	19.9	16.2	24.2

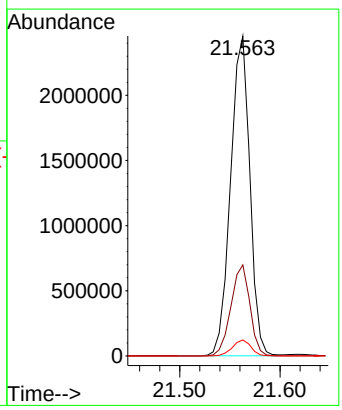


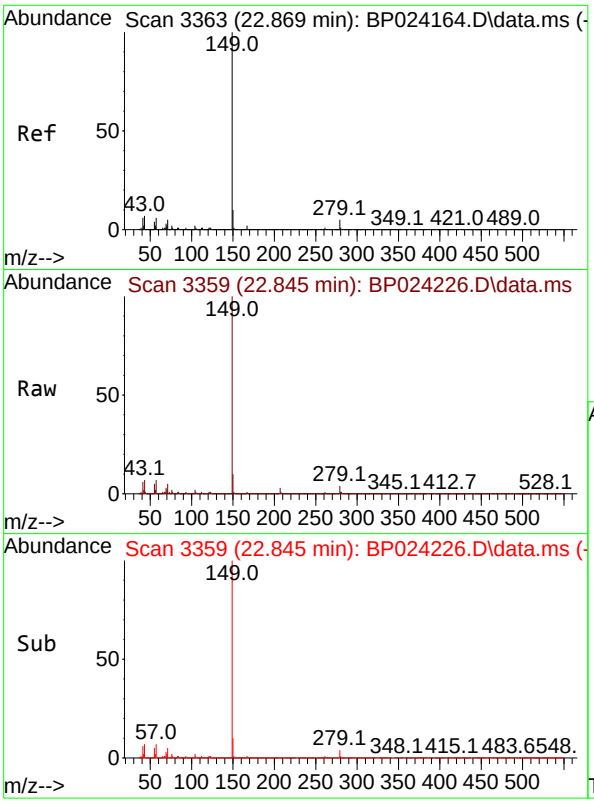


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.527 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:149 Resp: 3269298

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	5.0	3.6	5.4



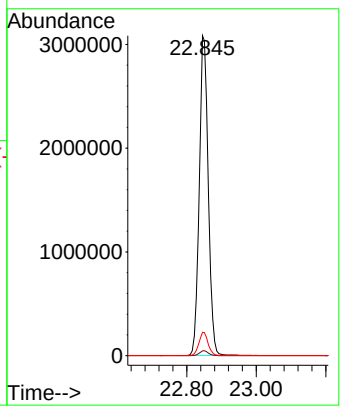


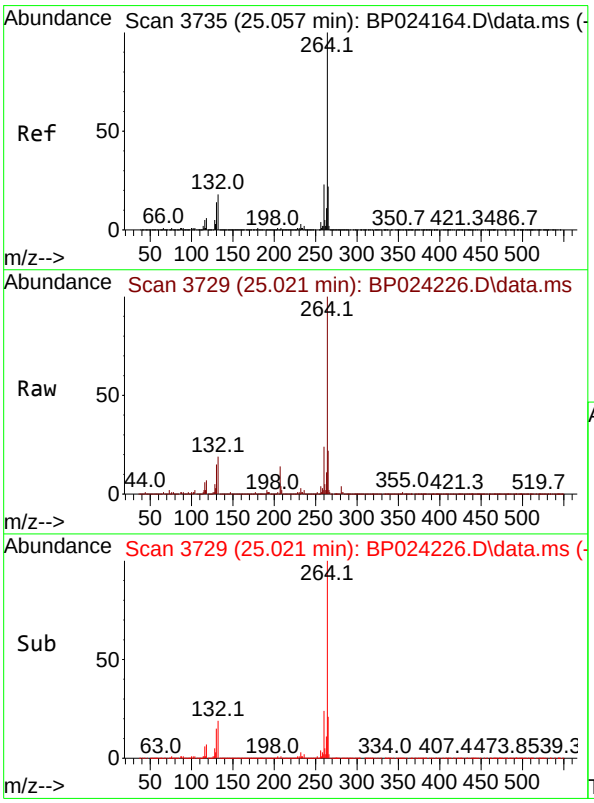
#85
Di-n-octyl phthalate
Concen: 48.999 ng
RT: 22.845 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 5516405

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.5	5.8	8.8

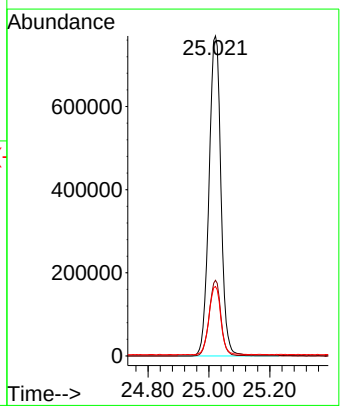


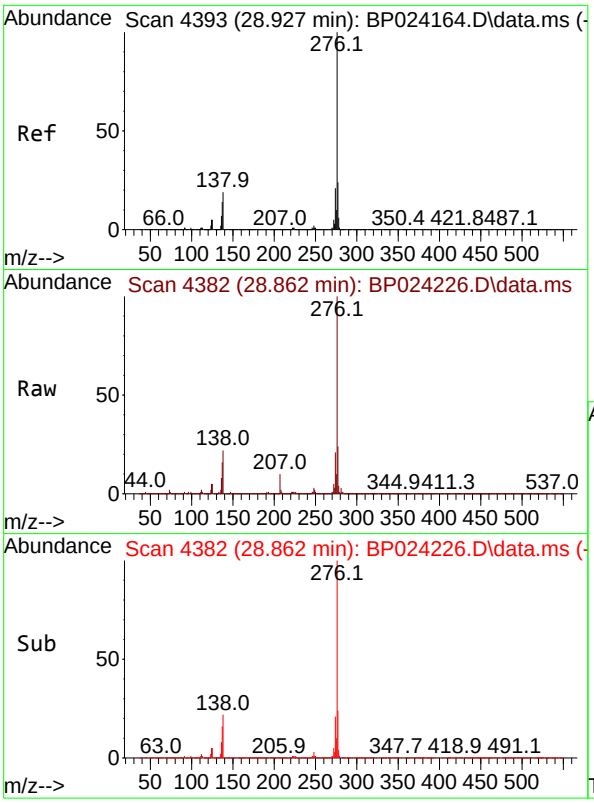


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3729
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:264 Resp: 2095753

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.7	17.7	26.5



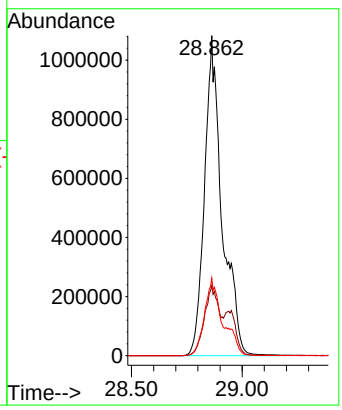


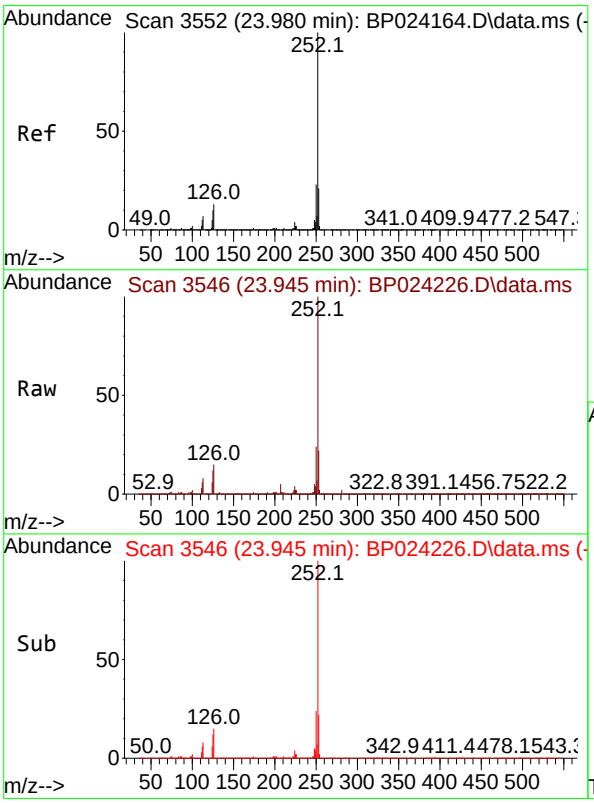
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.707 ng
RT: 28.862 min Scan# 4
Delta R.T. -0.065 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 5954112

Ion	Ratio	Lower	Upper
276	100		
138	18.8	13.7	20.5
277	25.2	20.2	30.2

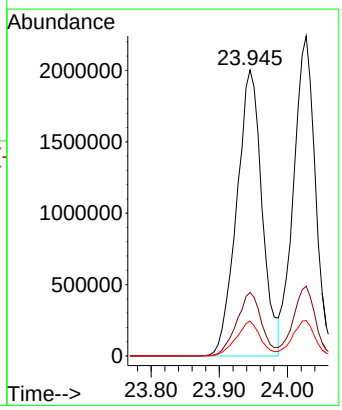


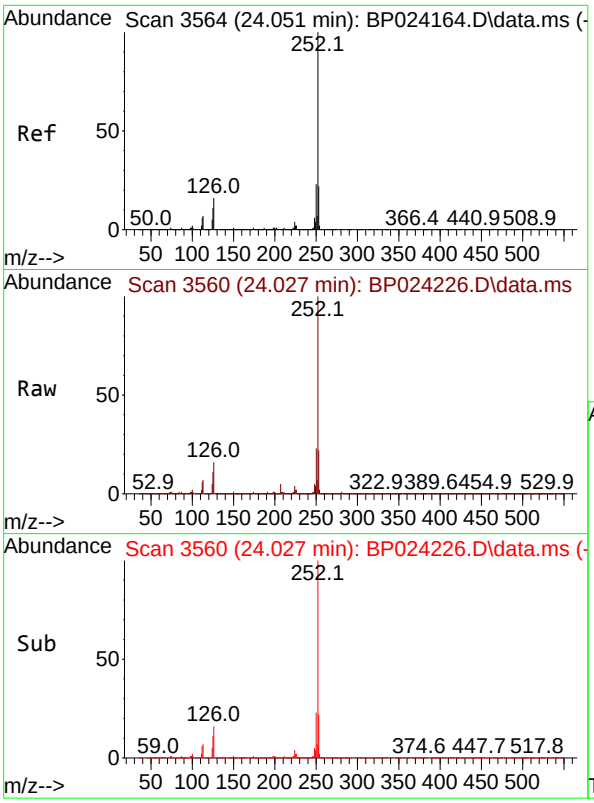


#88
Benzo(b)fluoranthene
Concen: 40.959 ng
RT: 23.945 min Scan# 3546
Delta R.T. -0.035 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:252 Resp: 5175613

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.2	8.2	12.4



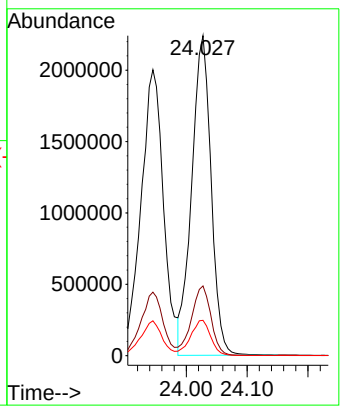


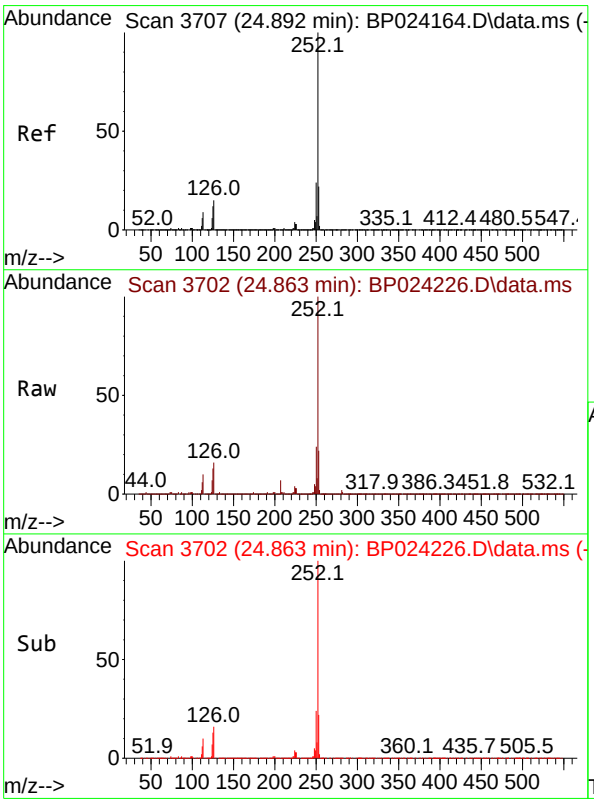
#89
Benzo(k)fluoranthene
Concen: 40.088 ng
RT: 24.027 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 4955096

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	11.1	9.1	13.7

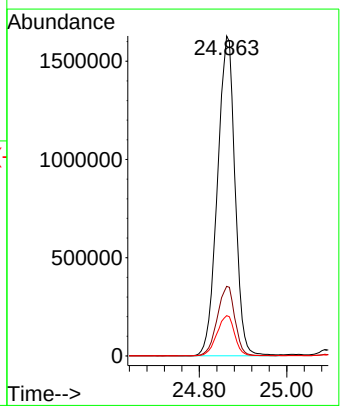


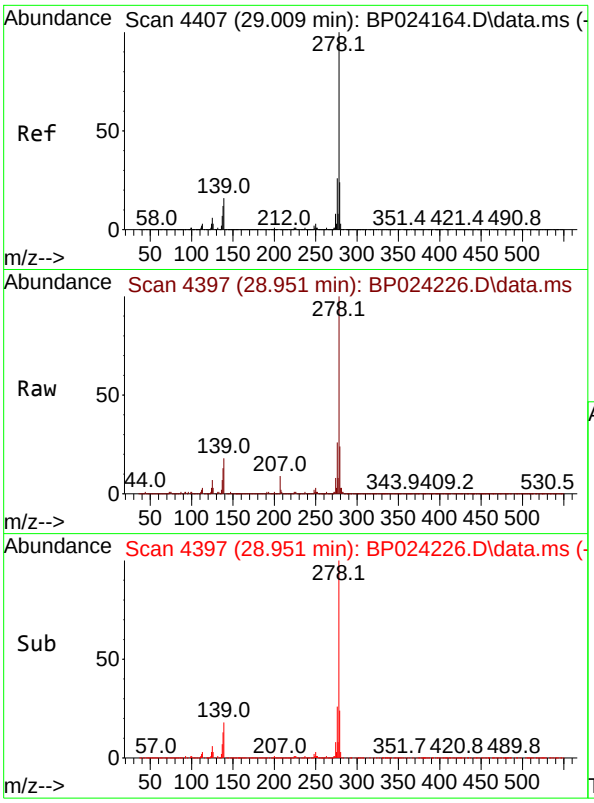


#90
Benzo(a)pyrene
Concen: 41.160 ng
RT: 24.863 min Scan# 3702
Delta R.T. -0.029 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:252 Resp: 4522649

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	12.6	9.6	14.4



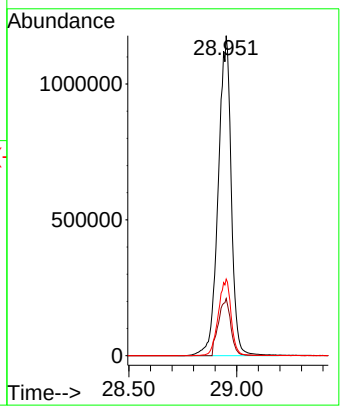


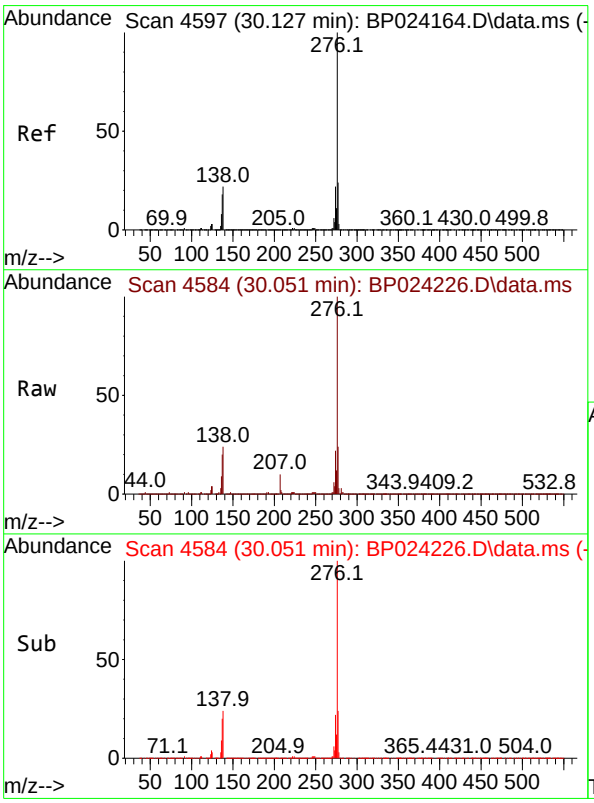
#91
Dibenzo(a,h)anthracene
Concen: 40.661 ng
RT: 28.951 min Scan# 4
Delta R.T. -0.059 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 4947962

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.0	19.4
279	23.9	18.8	28.2

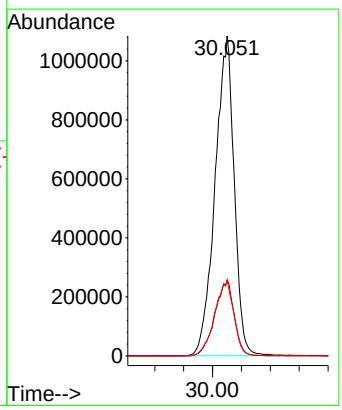




#92
Benzo(g,h,i)perylene
Concen: 40.290 ng
RT: 30.051 min Scan# 4584
Delta R.T. -0.076 min
Lab File: BP024226.D
Acq: 08 Apr 2025 23:54

Tgt Ion:276 Resp: 4983919

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	23.6	17.4	26.2



Sample Results: **BP024226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	111	-0.03
2		1,4-Dioxane	0.497	0.532	-7.0	126	-0.02
3		Pyridine	1.358	1.362	-0.3	115	-0.02
4		n-Nitrosodimethylamine	0.454	0.444	2.2	114	-0.02
5	S	2-Fluorophenol	1.253	1.286	-2.6	118	-0.02
6		Aniline	1.527	1.420	7.0	106	-0.03
7	S	Phenol-d6	1.675	1.601	4.4	109	-0.03
8		2-Chlorophenol	1.353	1.327	1.9	113	-0.03
9		Benzaldehyde	0.809	0.846	-4.6	120	-0.03
10	C	Phenol	1.691	1.605	5.1	109	-0.02
11		bis(2-Chloroethyl)ether	1.334	1.280	4.0	111	-0.02
12		1,3-Dichlorobenzene	1.459	1.457	0.1	116	-0.03
13	C	1,4-Dichlorobenzene	1.490	1.474	1.1	116	-0.04
14		1,2-Dichlorobenzene	1.430	1.382	3.4	113	-0.03
15		Benzyl Alcohol	1.061	1.010	4.8	107	-0.03
16		2,2'-oxybis(1-Chloropropane	1.361	1.342	1.4	115	-0.04
17		2-Methylphenol	1.061	1.003	5.5	107	-0.03
18		Hexachloroethane	0.529	0.538	-1.7	117	-0.03
19	P	n-Nitroso-di-n-propylamine	0.972	0.901	7.3	104	-0.04
20		3+4-Methylphenols	1.457	1.342	7.9	104	-0.03
21	I	Naphthalene-d8	1.000	1.000	0.0	101	-0.03
22		Acetophenone	0.506	0.503	0.6	103	-0.03
23	S	Nitrobenzene-d5	0.354	0.369	-4.2	107	-0.03
24		Nitrobenzene	0.350	0.361	-3.1	107	-0.03
25		Isophorone	0.608	0.625	-2.8	105	-0.03
26	C	2-Nitrophenol	0.167	0.178	-6.6	105	-0.04
27		2,4-Dimethylphenol	0.215	0.220	-2.3	104	-0.04
28		bis(2-Chloroethoxy)methane	0.427	0.440	-3.0	107	-0.03
29	C	2,4-Dichlorophenol	0.291	0.301	-3.4	103	-0.03
30		1,2,4-Trichlorobenzene	0.321	0.330	-2.8	107	-0.03
31		Naphthalene	1.060	1.067	-0.7	105	-0.04
32		Benzoic acid	0.209	0.218	-4.3	102	-0.02
33		4-Chloroaniline	0.379	0.373	1.6	100	-0.03
34	C	Hexachlorobutadiene	0.185	0.192	-3.8	108	-0.04
35		Caprolactam	0.095	0.095	0.0	99	-0.03
36	C	4-Chloro-3-methylphenol	0.313	0.318	-1.6	103	-0.03
37		2-Methylnaphthalene	0.716	0.711	0.7	102	-0.03
38		1-Methylnaphthalene	0.697	0.685	1.7	103	-0.03
39	I	Acenaphthene-d10	1.000	1.000	0.0	96	-0.03
40		1,2,4,5-Tetrachlorobenzene	0.578	0.593	-2.6	102	-0.03
41	P	Hexachlorocyclopentadiene	0.208	0.227	-9.1	102	-0.03
42	S	2,4,6-Tribromophenol	0.252	0.261	-3.6	99	-0.02
43	C	2,4,6-Trichlorophenol	0.367	0.391	-6.5	100	-0.03
44		2,4,5-Trichlorophenol	0.403	0.421	-4.5	99	-0.02
45	S	2-Fluorobiphenyl	1.356	1.367	-0.8	99	-0.02
46		1,1'-Biphenyl	1.503	1.540	-2.5	101	-0.02
47		2-Chloronaphthalene	1.130	1.151	-1.9	101	-0.03

Sample Results: **BP024226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	0.313	-8.3	103	-0.03
49		Acenaphthylene	1.710	1.779	-4.0	103	-0.03
50		Dimethylphthalate	1.399	1.413	-1.0	100	-0.02
51		2,6-Dinitrotoluene	0.294	0.308	-4.8	100	-0.03
52	C	Acenaphthene	1.093	1.114	-1.9	101	-0.02
53		3-Nitroaniline	0.318	0.333	-4.7	99	-0.03
54	P	2,4-Dinitrophenol	0.156	0.159	-1.9	95	-0.03
55		Dibenzofuran	1.770	1.766	0.2	99	-0.02
56	P	4-Nitrophenol	0.266	0.289	-8.6	100	-0.03
57		2,4-Dinitrotoluene	0.389	0.418	-7.5	102	-0.03
58		Fluorene	1.379	1.388	-0.7	99	-0.02
59		2,3,4,6-Tetrachlorophenol	0.356	0.363	-2.0	97	-0.03
60		Diethylphthalate	1.394	1.457	-4.5	103	-0.02
61		4-Chlorophenyl-phenylether	0.676	0.678	-0.3	99	-0.02
62		4-Nitroaniline	0.334	0.359	-7.5	100	-0.02
63		Azobenzene	1.314	1.399	-6.5	104	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	97	-0.02
65		4,6-Dinitro-2-methylphenol	0.119	0.120	-0.8	97	-0.03
66	c	n-Nitrosodiphenylamine	0.607	0.629	-3.6	101	-0.02
67		4-Bromophenyl-phenylether	0.220	0.229	-4.1	102	-0.02
68		Hexachlorobenzene	0.260	0.261	-0.4	99	-0.02
69		Atrazine	0.147	0.107	27.2#	76	-0.03
70	C	Pentachlorophenol	0.168	0.187	-11.3	102	-0.02
71		Phenanthrene	1.093	1.093	0.0	98	-0.02
72		Anthracene	1.064	1.108	-4.1	101	-0.02
73		Carbazole	1.026	1.083	-5.6	100	-0.02
74		Di-n-butylphthalate	1.218	1.371	-12.6	105	-0.02
75	C	Fluoranthene	1.265	1.333	-5.4	102	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	97	-0.02
77		Benzidine	0.219	0.138	37.0#	52	-0.01
78		Pyrene	1.243	1.283	-3.2	103	-0.01
79	S	Terphenyl-d14	0.969	0.991	-2.3	101	-0.01
80		Butylbenzylphthalate	0.513	0.591	-15.2	109	0.00
81		Benzo(a)anthracene	1.243	1.289	-3.7	103	-0.01
82		3,3'-Dichlorobenzidine	0.417	0.459	-10.1	104	-0.01
83		Chrysene	1.195	1.216	-1.8	101	-0.01
84		Bis(2-ethylhexyl)phthalate	0.774	0.900	-16.3	110	0.00
85	c	Di-n-octyl phthalate	1.240	1.519	-22.5#	115	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	103	-0.04
87		Indeno(1,2,3-cd)pyrene	1.396	1.421	-1.8	107	-0.06
88		Benzo(b)fluoranthene	1.206	1.235	-2.4	106	-0.04
89		Benzo(k)fluoranthene	1.180	1.182	-0.2	107	-0.02
90	C	Benzo(a)pyrene	1.049	1.079	-2.9	108	-0.03
91		Dibenzo(a,h)anthracene	1.161	1.180	-1.6	106	-0.06
92		Benzo(g,h,i)perylene	1.180	1.189	-0.8	106	-0.08

Sample Results: **BP024226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

Sample Results: **BP024226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	111	-0.03
2		1,4-Dioxane	40.000	42.849	-7.1	126	-0.02
3		Pyridine	40.000	40.115	-0.3	115	-0.02
4		n-Nitrosodimethylamine	40.000	39.198	2.0	114	-0.02
5	S	2-Fluorophenol	80.000	82.128	-2.7	118	-0.02
6		Aniline	40.000	37.218	7.0	106	-0.03
7	S	Phenol-d6	80.000	76.426	4.5	109	-0.03
8		2-Chlorophenol	40.000	39.222	1.9	113	-0.03
9		Benzaldehyde	40.000	41.860	-4.6	120	-0.03
10	C	Phenol	40.000	37.960	5.1	109	-0.02
11		bis(2-Chloroethyl)ether	40.000	38.384	4.0	111	-0.02
12		1,3-Dichlorobenzene	40.000	39.940	0.2	116	-0.03
13	C	1,4-Dichlorobenzene	40.000	39.581	1.0	116	-0.04
14		1,2-Dichlorobenzene	40.000	38.656	3.4	113	-0.03
15		Benzyl Alcohol	40.000	38.077	4.8	107	-0.03
16		2,2'-oxybis(1-Chloropropane	40.000	39.434	1.4	115	-0.04
17		2-Methylphenol	40.000	37.837	5.4	107	-0.03
18		Hexachloroethane	40.000	40.672	-1.7	117	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	37.065	7.3	104	-0.04
20		3+4-Methylphenols	40.000	36.842	7.9	104	-0.03
21	I	Naphthalene-d8	20.000	20.000	0.0	101	-0.03
22		Acetophenone	40.000	39.805	0.5	103	-0.03
23	S	Nitrobenzene-d5	80.000	83.377	-4.2	107	-0.03
24		Nitrobenzene	40.000	41.342	-3.4	107	-0.03
25		Isophorone	40.000	41.174	-2.9	105	-0.03
26	C	2-Nitrophenol	40.000	42.541	-6.4	105	-0.04
27		2,4-Dimethylphenol	40.000	40.939	-2.3	104	-0.04
28		bis(2-Chloroethoxy)methane	40.000	41.159	-2.9	107	-0.03
29	C	2,4-Dichlorophenol	40.000	41.419	-3.5	103	-0.03
30		1,2,4-Trichlorobenzene	40.000	41.128	-2.8	107	-0.03
31		Naphthalene	40.000	40.259	-0.6	105	-0.04
32		Benzoic acid	40.000	41.718	-4.3	102	-0.02
33		4-Chloroaniline	40.000	39.289	1.8	100	-0.03
34	C	Hexachlorobutadiene	40.000	41.579	-3.9	108	-0.04
35		Caprolactam	40.000	39.891	0.3	99	-0.03
36	C	4-Chloro-3-methylphenol	40.000	40.531	-1.3	103	-0.03
37		2-Methylnaphthalene	40.000	39.708	0.7	102	-0.03
38		1-Methylnaphthalene	40.000	39.355	1.6	103	-0.03
39	I	Acenaphthene-d10	20.000	20.000	0.0	96	-0.03
40		1,2,4,5-Tetrachlorobenzene	40.000	40.997	-2.5	102	-0.03
41	P	Hexachlorocyclopentadiene	40.000	43.613	-9.0	102	-0.03
42	S	2,4,6-Tribromophenol	80.000	82.870	-3.6	99	-0.02
43	C	2,4,6-Trichlorophenol	40.000	42.517	-6.3	100	-0.03
44		2,4,5-Trichlorophenol	40.000	41.756	-4.4	99	-0.02
45	S	2-Fluorobiphenyl	80.000	80.624	-0.8	99	-0.02
46		1,1'-Biphenyl	40.000	40.998	-2.5	101	-0.02
47		2-Chloronaphthalene	40.000	40.719	-1.8	101	-0.03

Sample Results: **BP024226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	43.269	-8.2	103	-0.03
49		Acenaphthylene	40.000	41.605	-4.0	103	-0.03
50		Dimethylphthalate	40.000	40.387	-1.0	100	-0.02
51		2,6-Dinitrotoluene	40.000	41.787	-4.5	100	-0.03
52	C	Acenaphthene	40.000	40.764	-1.9	101	-0.02
53		3-Nitroaniline	40.000	41.928	-4.8	99	-0.03
54	P	2,4-Dinitrophenol	40.000	40.700	-1.8	95	-0.03
55		Dibenzofuran	40.000	39.898	0.3	99	-0.02
56	P	4-Nitrophenol	40.000	43.456	-8.6	100	-0.03
57		2,4-Dinitrotoluene	40.000	42.953	-7.4	102	-0.03
58		Fluorene	40.000	40.261	-0.7	99	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	40.731	-1.8	97	-0.03
60		Diethylphthalate	40.000	41.807	-4.5	103	-0.02
61		4-Chlorophenyl-phenylether	40.000	40.097	-0.2	99	-0.02
62		4-Nitroaniline	40.000	43.029	-7.6	100	-0.02
63		Azobenzene	40.000	42.619	-6.5	104	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	97	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	40.583	-1.5	97	-0.03
66	c	n-Nitrosodiphenylamine	40.000	41.447	-3.6	101	-0.02
67		4-Bromophenyl-phenylether	40.000	41.688	-4.2	102	-0.02
68		Hexachlorobenzene	40.000	40.204	-0.5	99	-0.02
69		Atrazine	40.000	29.184	27.0#	76	-0.03
70	C	Pentachlorophenol	40.000	44.409	-11.0	102	-0.02
71		Phenanthrene	40.000	40.022	-0.1	98	-0.02
72		Anthracene	40.000	41.654	-4.1	101	-0.02
73		Carbazole	40.000	42.208	-5.5	100	-0.02
74		Di-n-butylphthalate	40.000	45.020	-12.6	105	-0.02
75	C	Fluoranthene	40.000	42.152	-5.4	102	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	97	-0.02
77		Benzidine	40.000	25.254	36.9#	52	-0.01
78		Pyrene	40.000	41.281	-3.2	103	-0.01
79	S	Terphenyl-d14	80.000	81.861	-2.3	101	-0.01
80		Butylbenzylphthalate	40.000	46.113	-15.3	109	0.00
81		Benzo(a)anthracene	40.000	41.473	-3.7	103	-0.01
82		3,3'-Dichlorobenzidine	40.000	44.097	-10.2	104	-0.01
83		Chrysene	40.000	40.702	-1.8	101	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	46.527	-16.3	110	0.00
85	c	Di-n-octyl phthalate	40.000	48.999	-22.5#	115	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	103	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	40.707	-1.8	107	-0.06
88		Benzo(b)fluoranthene	40.000	40.959	-2.4	106	-0.04
89		Benzo(k)fluoranthene	40.000	40.088	-0.2	107	-0.02
90	C	Benzo(a)pyrene	40.000	41.160	-2.9	108	-0.03
91		Dibenzo(a,h)anthracene	40.000	40.661	-1.7	106	-0.06
92		Benzo(g,h,i)perylene	40.000	40.290	-0.7	106	-0.08

Sample Results: **BP024226.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024226.D
Acq On : 08 Apr 2025 23:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 01:04:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG No.: Q1730

Instrument ID: BNA_P Calibration Date/Time: 04/09/2025 10:08

Lab File ID: BP024228.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.253	1.307		4.3	
Phenol-d6	1.675	1.739		3.8	
Nitrobenzene-d5	0.354	0.378		6.8	
Naphthalene	1.060	1.100		3.8	
2-Methylnaphthalene	0.716	0.745		4.1	
2-Fluorobiphenyl	1.356	1.365		0.7	
Acenaphthylene	1.710	1.788		4.6	
Acenaphthene	1.093	1.131		3.5	20.0
Fluorene	1.379	1.420		3.0	
2,4,6-Tribromophenol	0.252	0.271		7.5	
Phenanthrene	1.093	1.117		2.2	
Anthracene	1.064	1.101		3.5	
Fluoranthene	1.265	1.339		5.8	20.0
Pyrene	1.243	1.315		5.8	
Terphenyl-d14	0.969	1.019		5.2	
Benzo(a)anthracene	1.243	1.303		4.8	
Chrysene	1.195	1.236		3.4	
Benzo(b)fluoranthene	1.206	1.262		4.6	
Benzo(k)fluoranthene	1.180	1.193		1.1	
Benzo(a)pyrene	1.049	1.081		3.1	20.0
Indeno(1,2,3-cd)pyrene	1.396	1.431		2.5	
Dibenzo(a,h)anthracene	1.161	1.190		2.5	
Benzo(g,h,i)perylene	1.180	1.210		2.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	293576	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1173450	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	712048	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1380061	20.000	ng		0.02
76) Chrysene-d12	21.651	240	1470276	20.000	ng		0.00
86) Perylene-d12	25.033	264	1654294	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1534523	83.438	ng		0.00
7) Phenol-d6	6.952	99	2042327	83.042	ng		0.00
23) Nitrobenzene-d5	8.916	82	1775974	85.391	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	772690	86.150	ng		0.01
45) 2-Fluorobiphenyl	13.016	172	3887020	80.493	ng		0.00
79) Terphenyl-d14	19.933	244	5993823	84.151	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	302738	41.527	ng		97
3) Pyridine	3.717	79	838808	42.089	ng		98
4) n-Nitrosodimethylamine	3.628	42	271310	40.754	ng	#	95
6) Aniline	7.105	93	937414	41.835	ng		98
8) 2-Chlorophenol	7.346	128	814334	40.993	ng		100
9) Benzaldehyde	6.922	77	451640	38.053	ng		97
10) Phenol	6.975	94	1027320	41.378	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	803492	41.038	ng		98
12) 1,3-Dichlorobenzene	7.658	146	870803	40.649	ng		100
13) 1,4-Dichlorobenzene	7.805	146	882974	40.368	ng		99
14) 1,2-Dichlorobenzene	8.122	146	839545	39.998	ng		100
15) Benzyl Alcohol	8.011	79	654557	42.039	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	843711	42.222	ng		98
17) 2-Methylphenol	8.211	107	658169	42.275	ng		98
18) Hexachloroethane	8.840	117	317863	40.961	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	606716	42.523	ng		100
20) 3+4-Methylphenols	8.534	107	896490	41.913	ng		100
22) Acetophenone	8.581	105	1232083	41.530	ng		100
24) Nitrobenzene	8.958	77	873464	42.572	ng		98
25) Isophorone	9.481	82	1541684	43.243	ng		100
26) 2-Nitrophenol	9.669	139	433004	44.182	ng		98
27) 2,4-Dimethylphenol	9.728	122	528942	41.973	ng		98
28) bis(2-Chloroethoxy)met...	9.963	93	1054466	42.043	ng		99
29) 2,4-Dichlorophenol	10.199	162	729792	42.809	ng		98
30) 1,2,4-Trichlorobenzene	10.410	180	763746	40.549	ng		99
31) Naphthalene	10.605	128	2580706	41.488	ng		100
32) Benzoic acid	9.863	122	597743m	48.635	ng		
33) 4-Chloroaniline	10.705	127	940754	42.261	ng		99
34) Hexachlorobutadiene	10.887	225	434685	40.101	ng		98
35) Caprolactam	11.493	113	257074	46.011	ng		97
36) 4-Chloro-3-methylphenol	11.840	107	799711	43.485	ng		99
37) 2-Methylnaphthalene	12.210	142	1749345	41.629	ng		100
38) 1-Methylnaphthalene	12.428	142	1688556	41.312	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	830463	40.347	ng		100
41) Hexachlorocyclopentadiene	12.563	237	306506	41.311	ng		98
43) 2,4,6-Trichlorophenol	12.828	196	551712	42.177	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

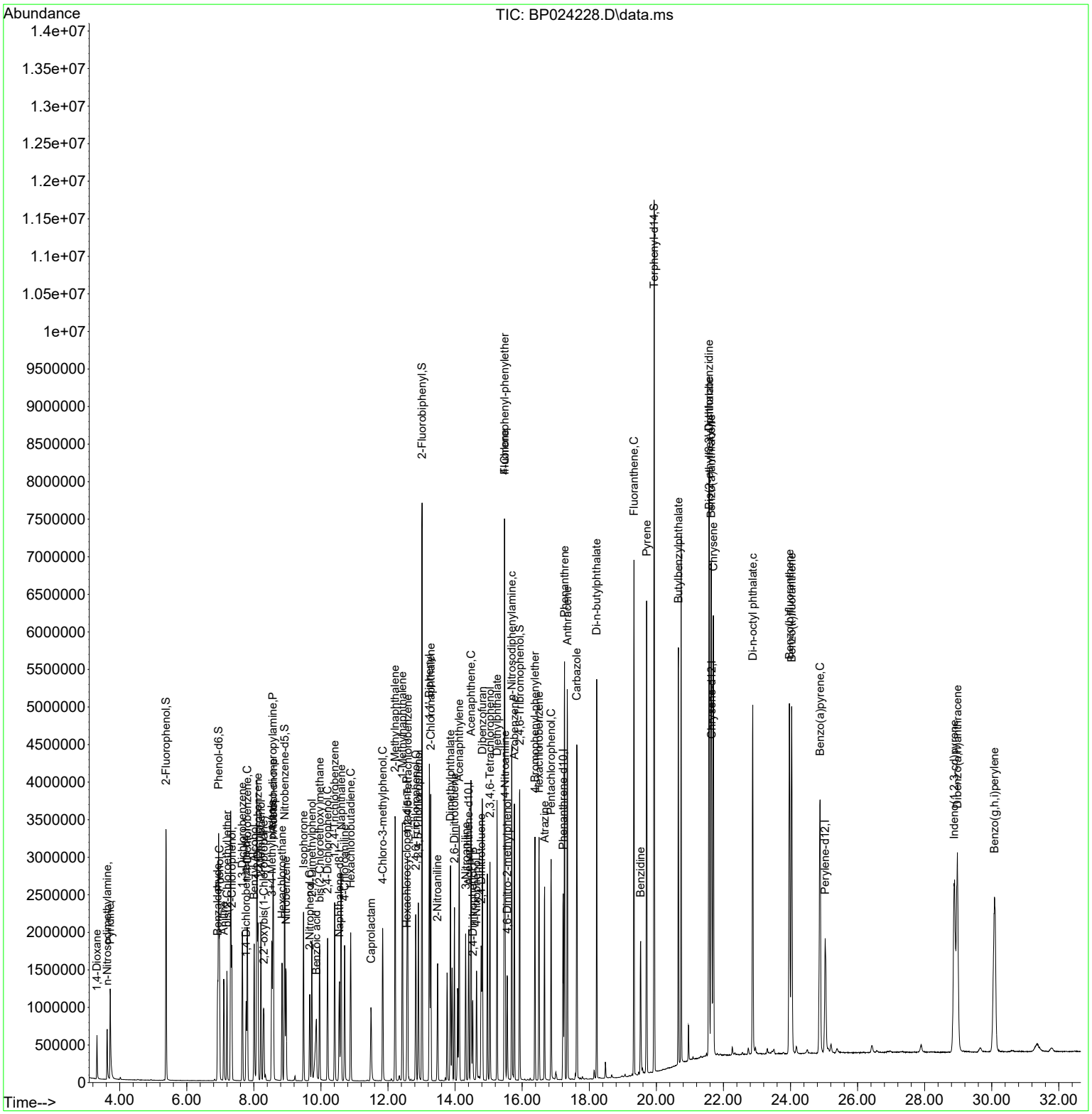
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	606798	42.299	ng	99
46) 1,1'-Biphenyl	13.234	154	2190701	40.942	ng	99
47) 2-Chloronaphthalene	13.275	162	1624413	40.362	ng	99
48) 2-Nitroaniline	13.475	65	468062	45.470	ng	95
49) Acenaphthylene	14.122	152	2545636	41.802	ng	100
50) Dimethylphthalate	13.863	163	2087636	41.901	ng	100
51) 2,6-Dinitrotoluene	13.981	165	453615	43.271	ng	100
52) Acenaphthene	14.475	154	1611256	41.411	ng	99
53) 3-Nitroaniline	14.316	138	504903	44.593	ng	97
54) 2,4-Dinitrophenol	14.528	184	254373	45.859	ng	97
55) Dibenzofuran	14.810	168	2590493	41.102	ng	98
56) 4-Nitrophenol	14.640	139	438706	46.371	ng	97
57) 2,4-Dinitrotoluene	14.781	165	625765	45.191	ng	98
58) Fluorene	15.475	166	2022327	41.183	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	536689	42.344	ng	99
60) Diethylphthalate	15.251	149	2130607	42.942	ng	100
61) 4-Chlorophenyl-phenyle...	15.475	204	970246	40.284	ng	98
62) 4-Nitroaniline	15.493	138	532563	44.847	ng	98
63) Azobenzene	15.769	77	2027384	43.353	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	347340	42.395	ng	100
66) n-Nitrosodiphenylamine	15.693	169	1728077	41.235	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	606490	40.028	ng	99
68) Hexachlorobenzene	16.504	284	719481	40.119	ng	99
69) Atrazine	16.669	200	433531	42.859	ng	99
70) Pentachlorophenol	16.863	266	503982	43.456	ng	100
71) Phenanthrene	17.263	178	3083668	40.902	ng	100
72) Anthracene	17.345	178	3039833	41.398	ng	100
73) Carbazole	17.628	167	3013012	42.549	ng	99
74) Di-n-butylphthalate	18.222	149	3711096	44.147	ng	100
75) Fluoranthene	19.333	202	3697085	42.341	ng	99
77) Benzidine	19.533	184	1222191	76.030	ng	99
78) Pyrene	19.710	202	3866558	42.301	ng	99
80) Butylbenzylphthalate	20.657	149	1702434	45.164	ng	97
81) Benzo(a)anthracene	21.633	228	3832104	41.922	ng	100
82) 3,3'-Dichlorobenzidine	21.569	252	1401662	45.751	ng	100
83) Chrysene	21.698	228	3634359	41.358	ng	99
84) Bis(2-ethylhexyl)phtha...	21.580	149	2547023	44.781	ng	99
85) Di-n-octyl phthalate	22.874	149	4236142	46.485	ng	99
87) Indeno(1,2,3-cd)pyrene	28.880	276	4733755m	41.000	ng	
88) Benzo(b)fluoranthene	23.969	252	4176870	41.876	ng	99
89) Benzo(k)fluoranthene	24.033	252	3945832	40.442	ng	99
90) Benzo(a)pyrene	24.880	252	3577625	41.248	ng	99
91) Dibenzo(a,h)anthracene	28.974	278	3938270	41.000	ng	98
92) Benzo(g,h,i)perylene	30.080	276	4004395	41.010	ng	97

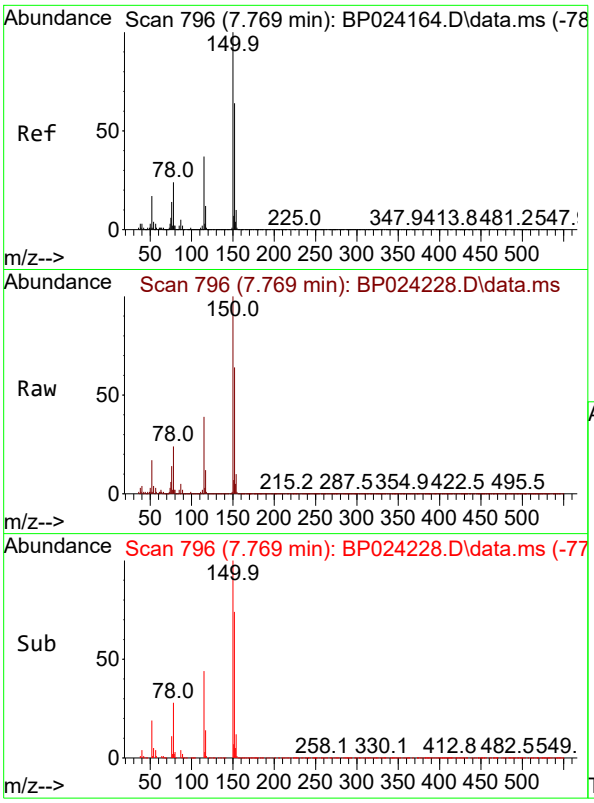
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



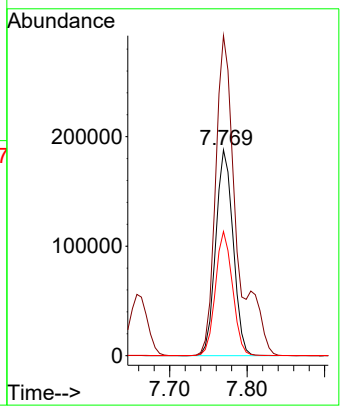


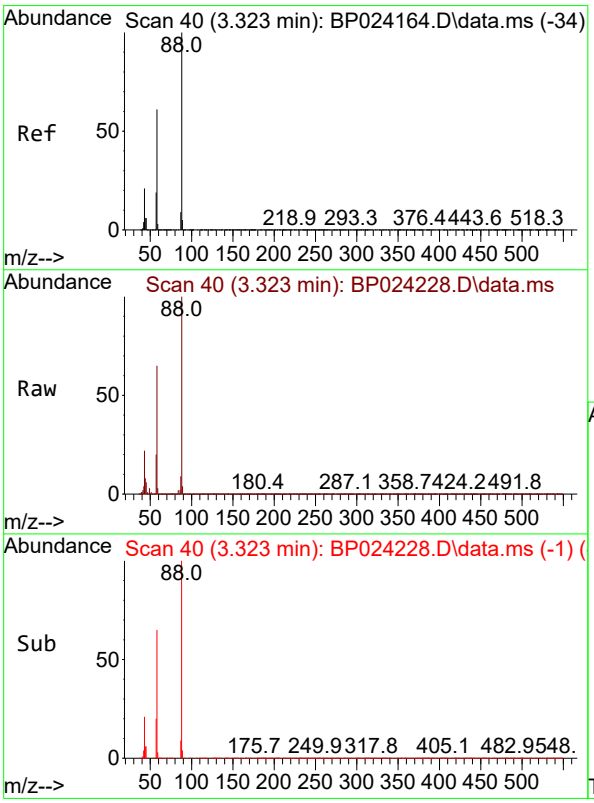
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 293576

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.5	188.3
115	60.3	46.3	69.5

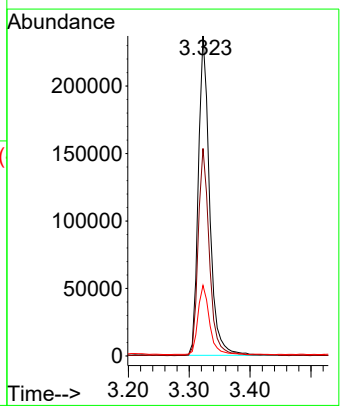


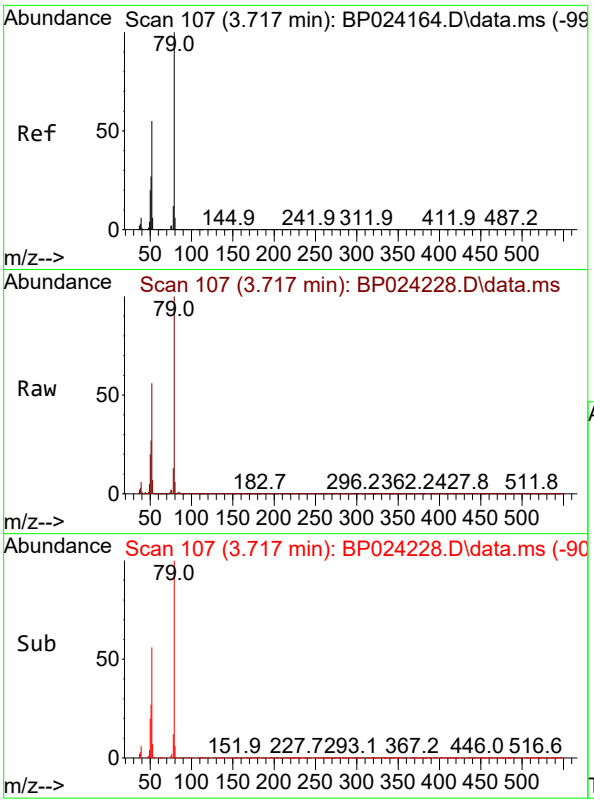


#2
1,4-Dioxane
Concen: 41.527 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 88 Resp: 302738

Ion	Ratio	Lower	Upper
88	100		
58	64.9	49.8	74.6
43	22.2	17.3	25.9



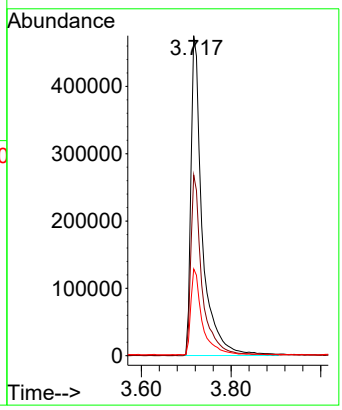


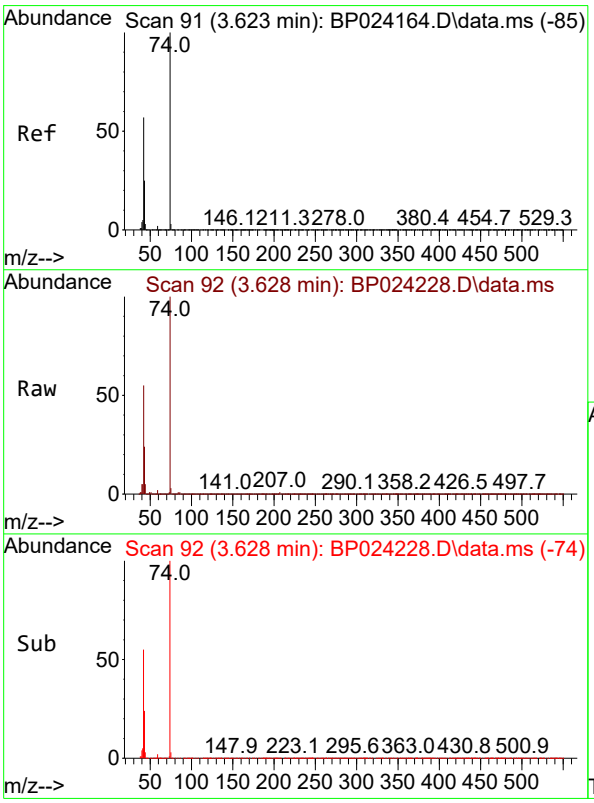
#3
Pyridine
Concen: 42.089 ng
RT: 3.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 838808

Ion	Ratio	Lower	Upper
79	100		
52	56.5	43.8	65.8
51	27.1	21.6	32.4

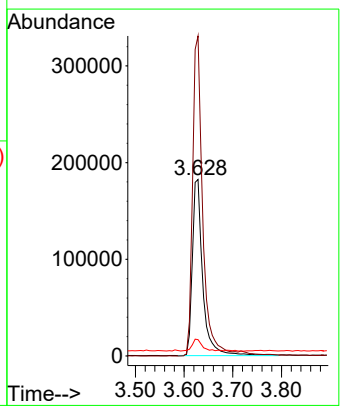


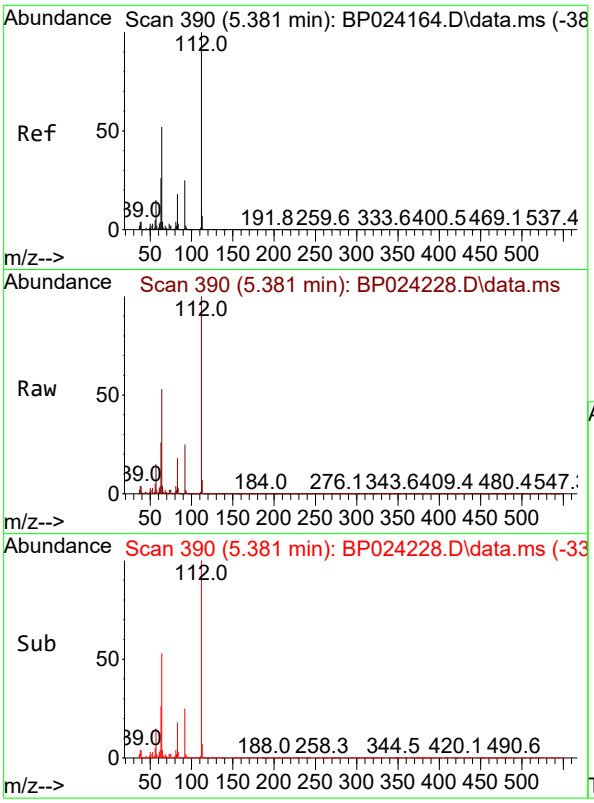


#4
n-Nitrosodimethylamine
Concen: 40.754 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 42 Resp: 271310

Ion	Ratio	Lower	Upper
42	100		
74	181.3	139.8	209.6
44	9.2	5.3	7.9#



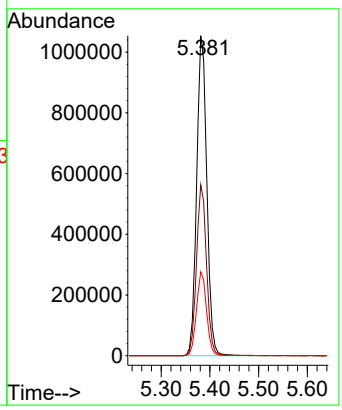


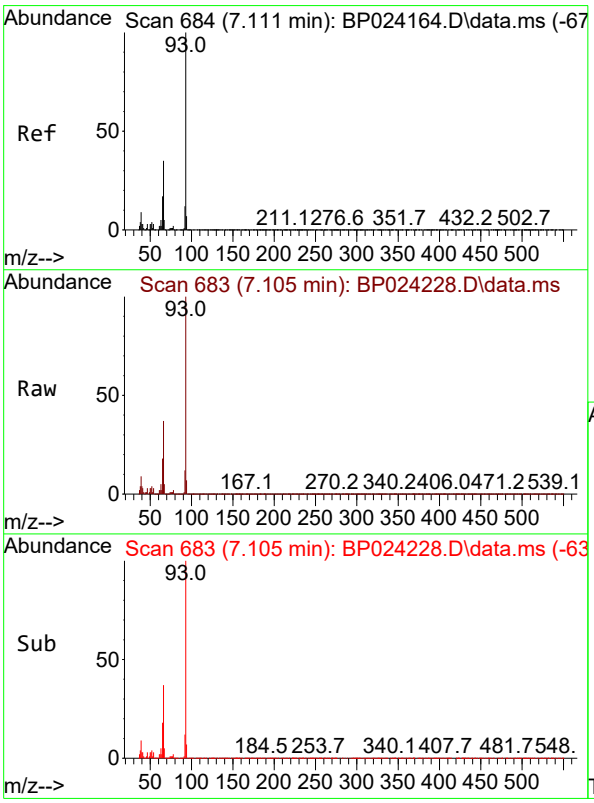
#5
2-Fluorophenol
Concen: 83.438 ng
RT: 5.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1534523

Ion	Ratio	Lower	Upper
112	100		
64	53.4	41.3	61.9
63	26.2	20.6	31.0

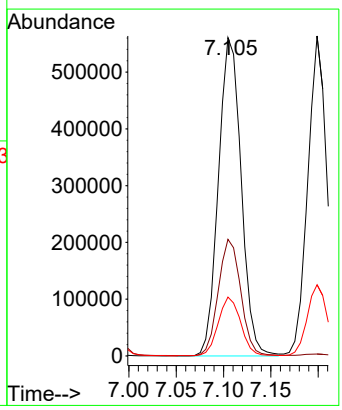


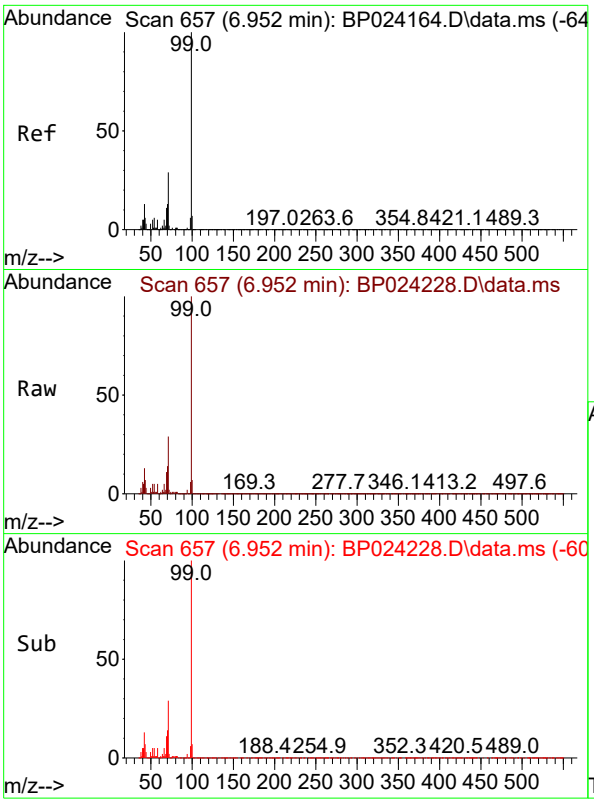


#6
Aniline
Concen: 41.835 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 93 Resp: 937414

Ion	Ratio	Lower	Upper
93	100		
66	36.6	28.2	42.2
65	18.5	14.0	21.0



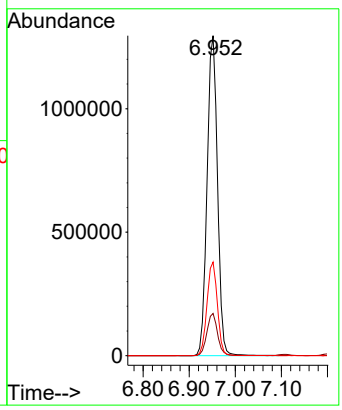


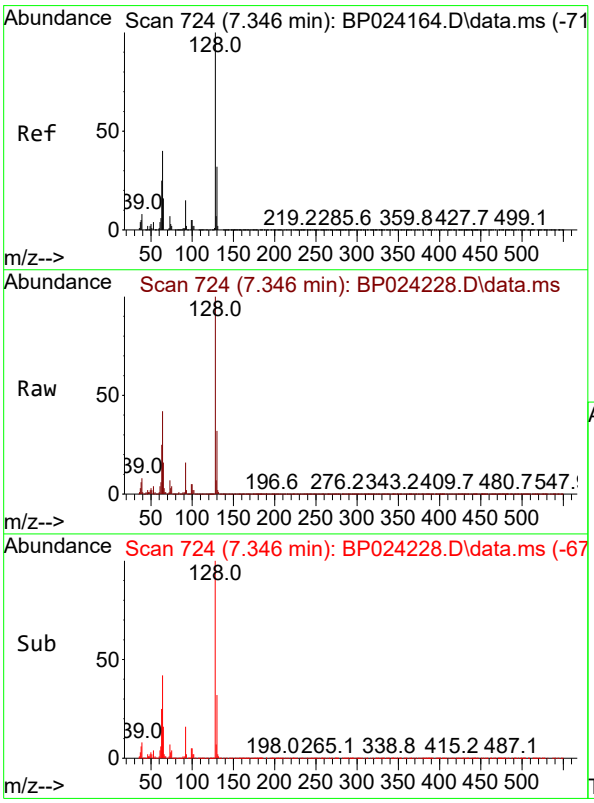
#7
Phenol-d6
Concen: 83.042 ng
RT: 6.952 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2042327

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	16.0
71	29.3	23.3	34.9

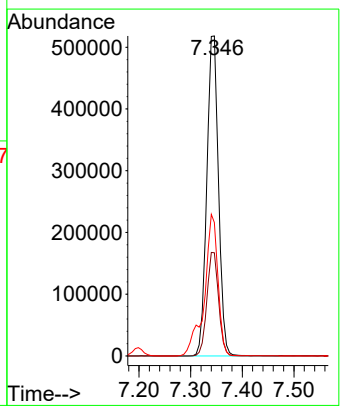


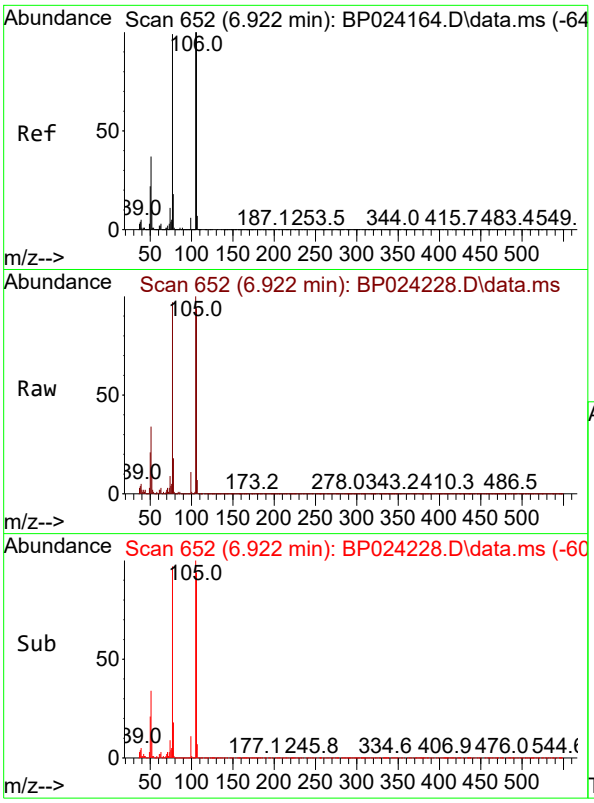


#8
2-Chlorophenol
Concen: 40.993 ng
RT: 7.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:128 Resp: 814334

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	41.7	21.6	61.6



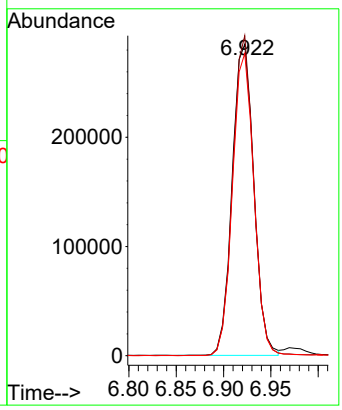


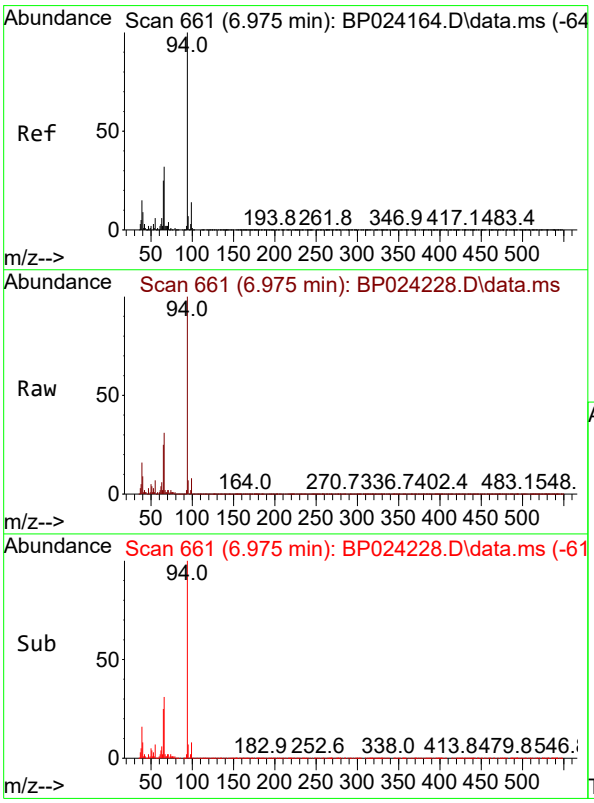
#9
Benzaldehyde
Concen: 38.053 ng
RT: 6.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 451640

Ion	Ratio	Lower	Upper
77	100		
105	102.7	81.4	121.4
106	97.0	81.1	121.1

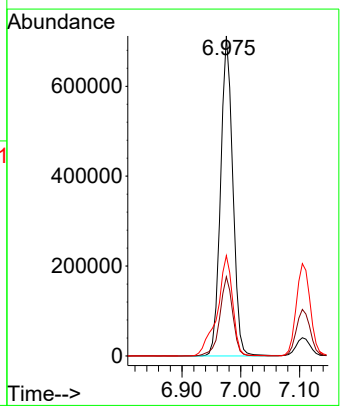


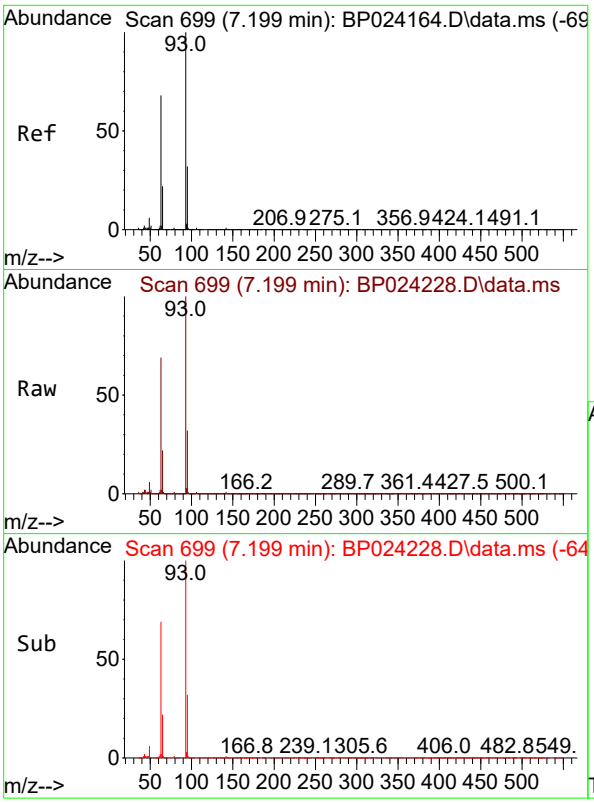


#10
Phenol
Concen: 41.378 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 94 Resp: 1027320

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.9	44.9
66	31.3	11.9	51.9



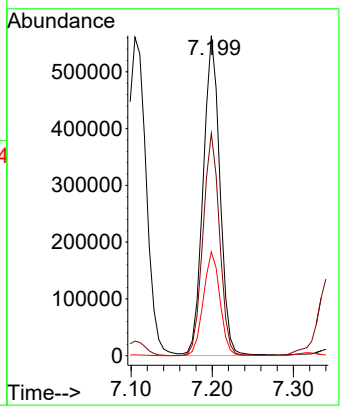


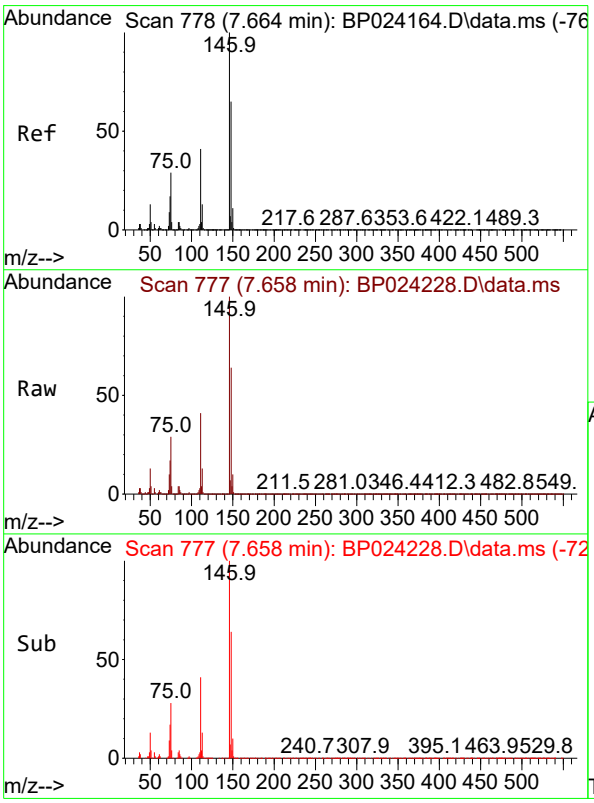
#11
bis(2-Chloroethyl)ether
Concen: 41.038 ng
RT: 7.199 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 803492

Ion	Ratio	Lower	Upper
93	100		
63	69.5	47.4	87.4
95	32.5	12.1	52.1

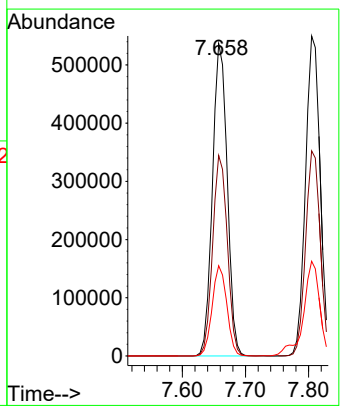


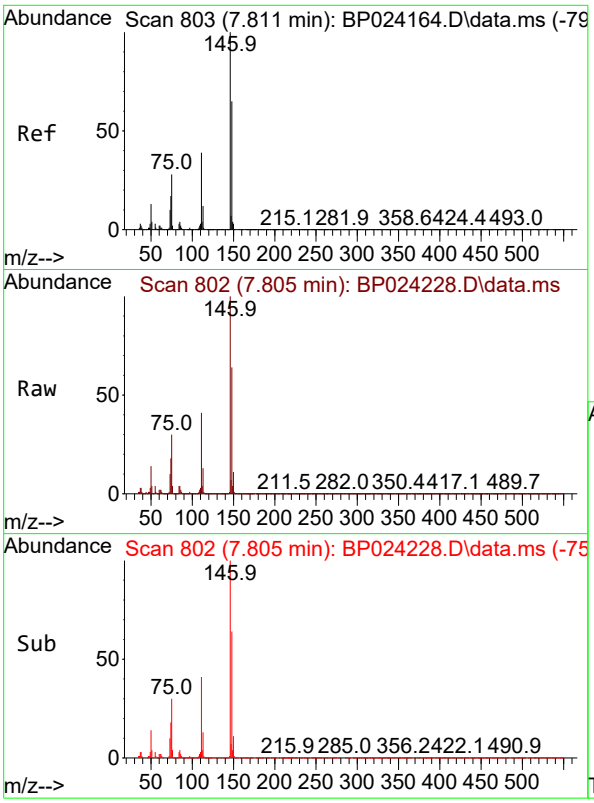


#12
1,3-Dichlorobenzene
Concen: 40.649 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:146 Resp: 870803

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.9	22.8	34.2



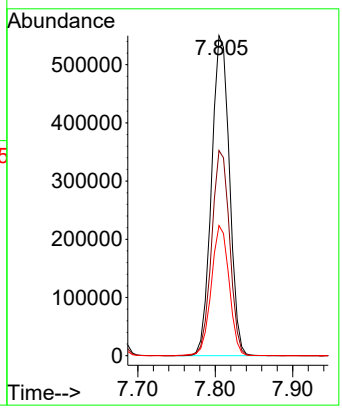


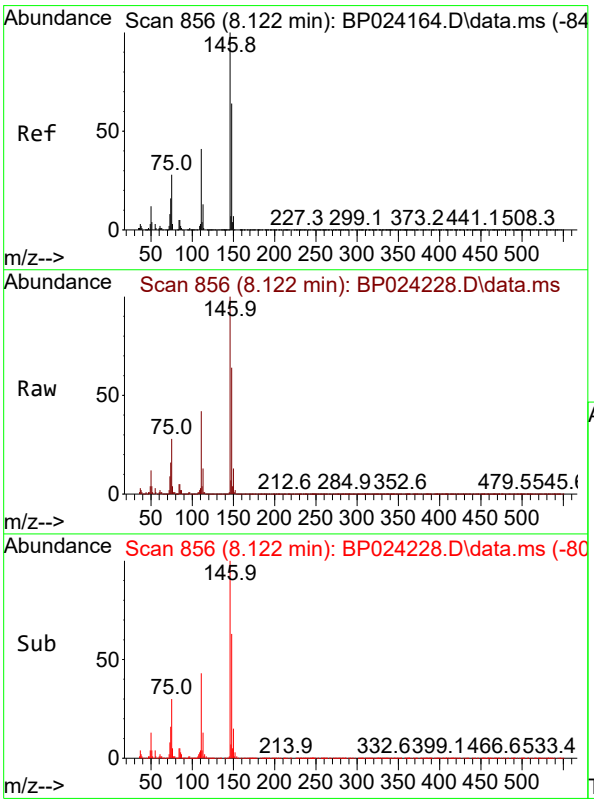
#13
1,4-Dichlorobenzene
Concen: 40.368 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 882974

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	40.7	31.4	47.2

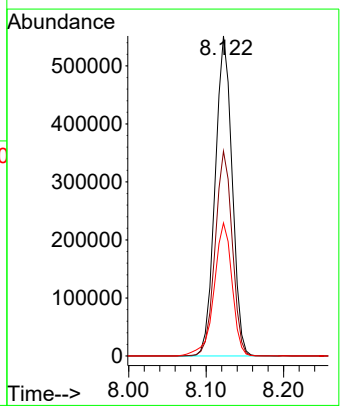


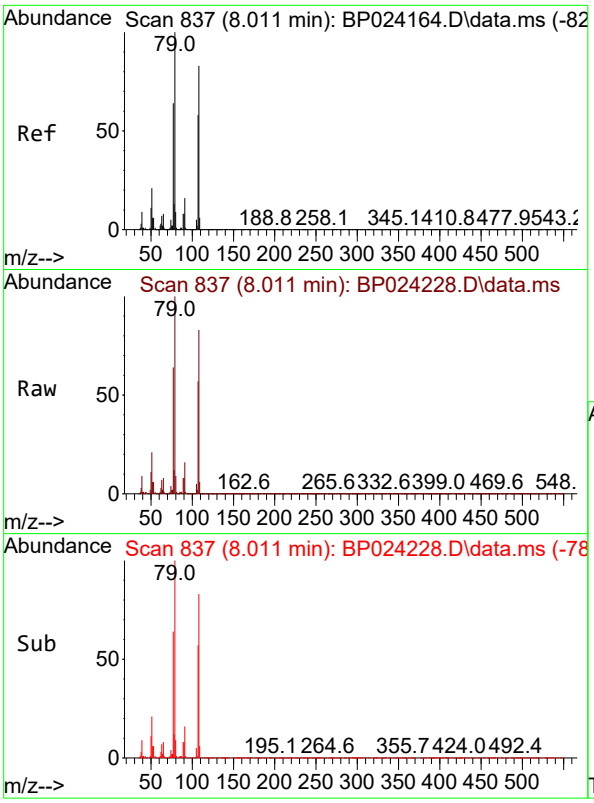


#14
1,2-Dichlorobenzene
Concen: 39.998 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:146 Resp: 839545

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
111	41.6	33.2	49.8



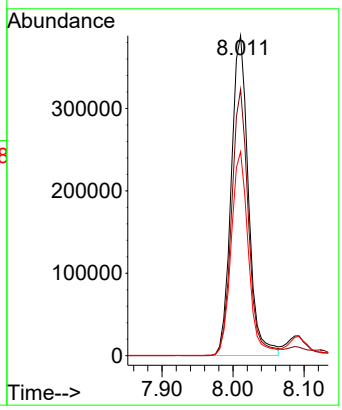


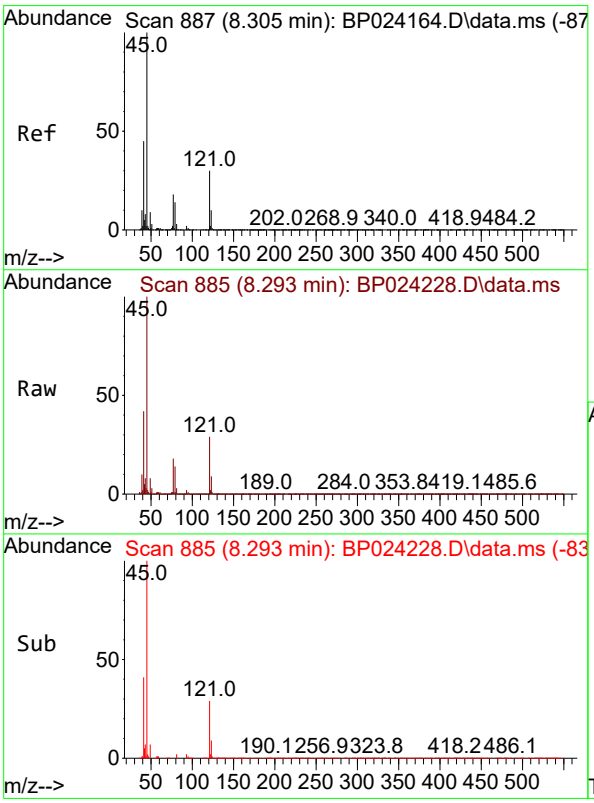
#15
Benzyl Alcohol
Concen: 42.039 ng
RT: 8.011 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 654557

Ion	Ratio	Lower	Upper
79	100		
108	83.3	66.5	99.7
77	63.7	50.9	76.3

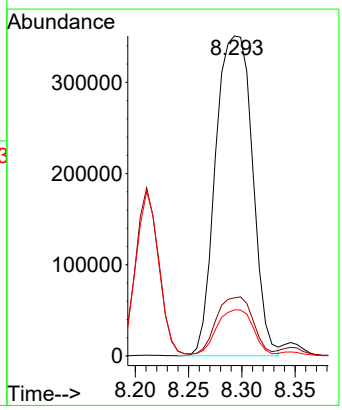


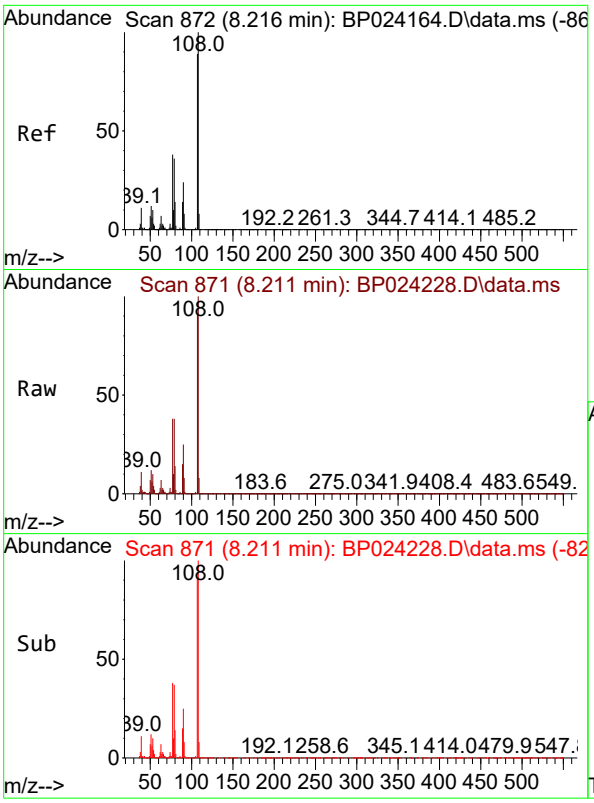


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.222 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 45 Resp: 843711

Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	39.0
79	14.4	0.0	35.6



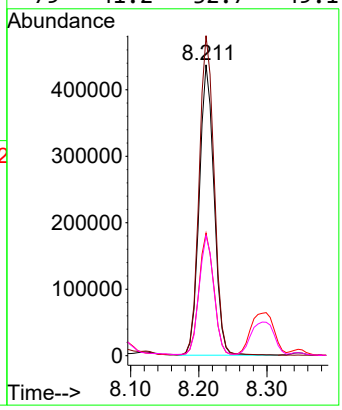


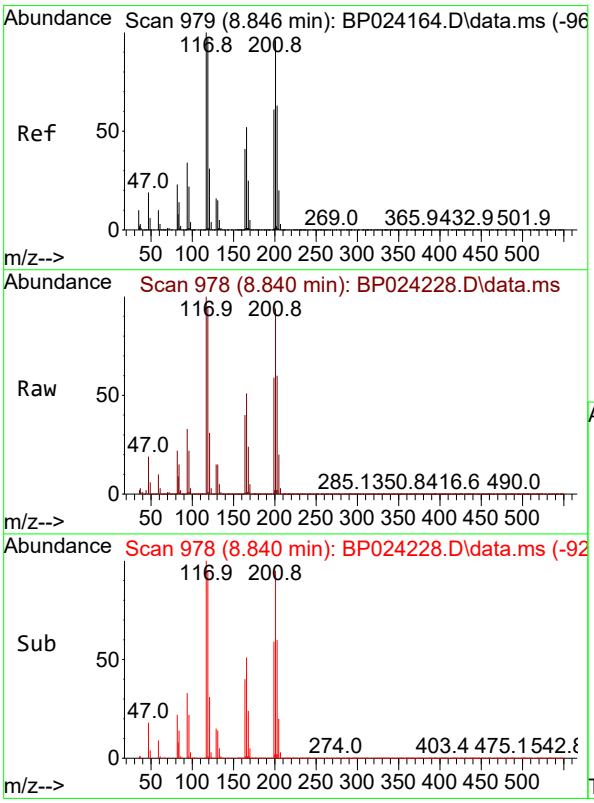
#17
2-Methylphenol
Concen: 42.275 ng
RT: 8.211 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 658169

Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.0	135.0
77	42.1	34.0	51.0
79	41.2	32.7	49.1

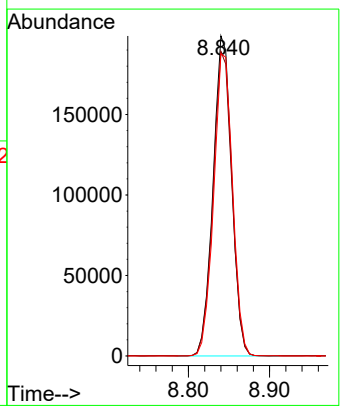


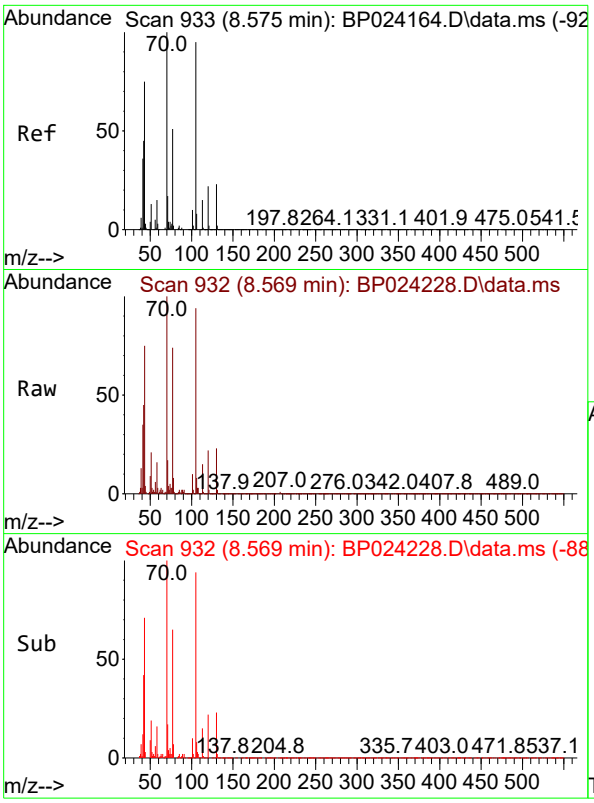


#18
Hexachloroethane
Concen: 40.961 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:117 Resp: 317863

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	94.5	76.6	114.8



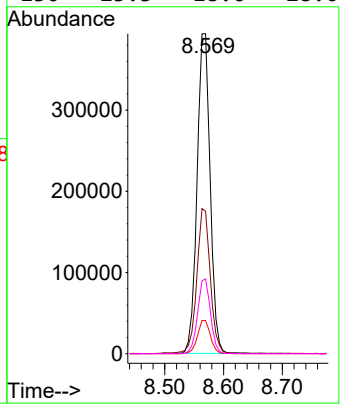


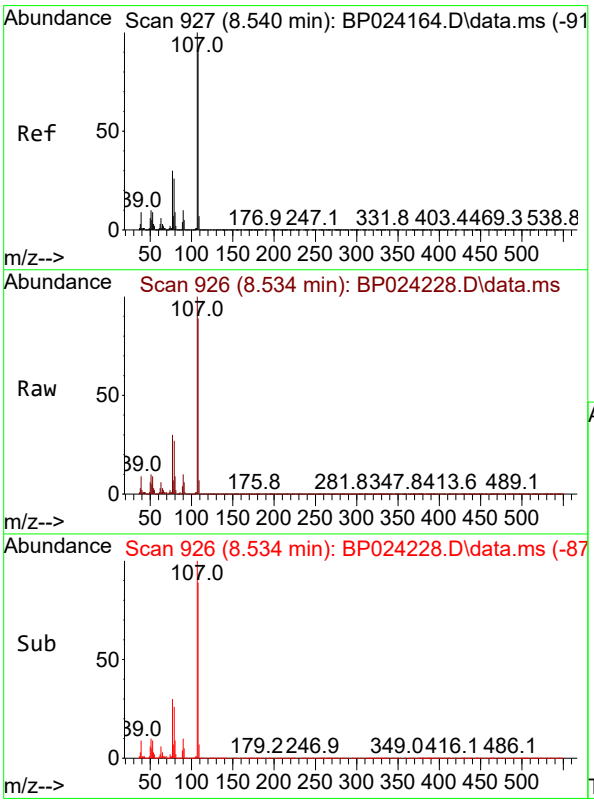
#19
n-Nitroso-di-n-propylamine
Concen: 42.523 ng
RT: 8.569 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 606716

Ion	Ratio	Lower	Upper
70	100		
42	44.5	36.0	54.0
101	10.3	8.3	12.5
130	23.3	18.6	28.0

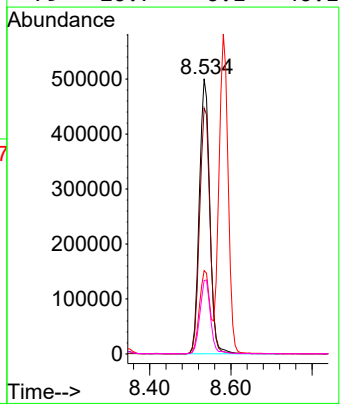


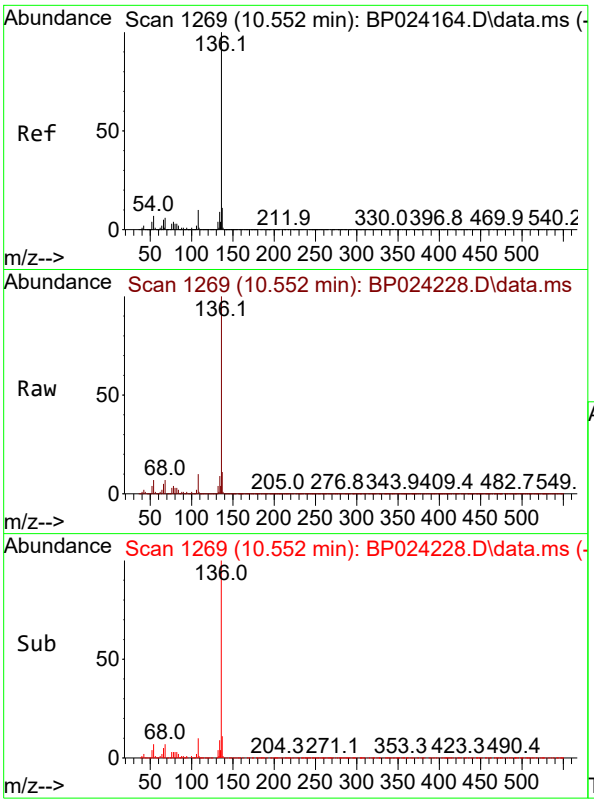


#20
3+4-Methylphenols
Concen: 41.913 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:107 Resp: 896490

Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.7	109.7
77	30.3	10.3	50.3
79	26.7	6.1	46.1



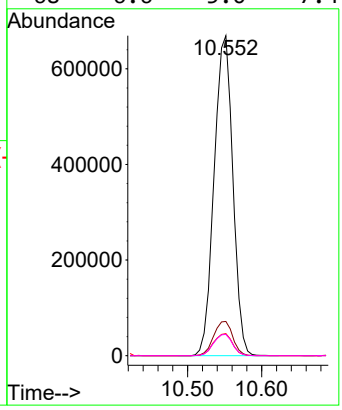


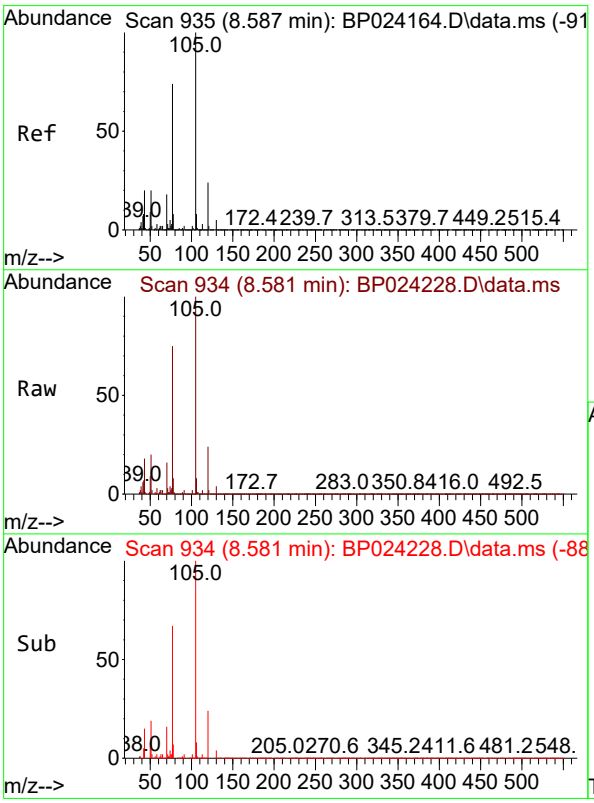
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1173450

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.9	5.3	7.9
68	6.6	5.0	7.4

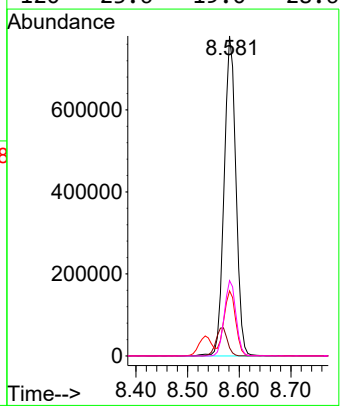


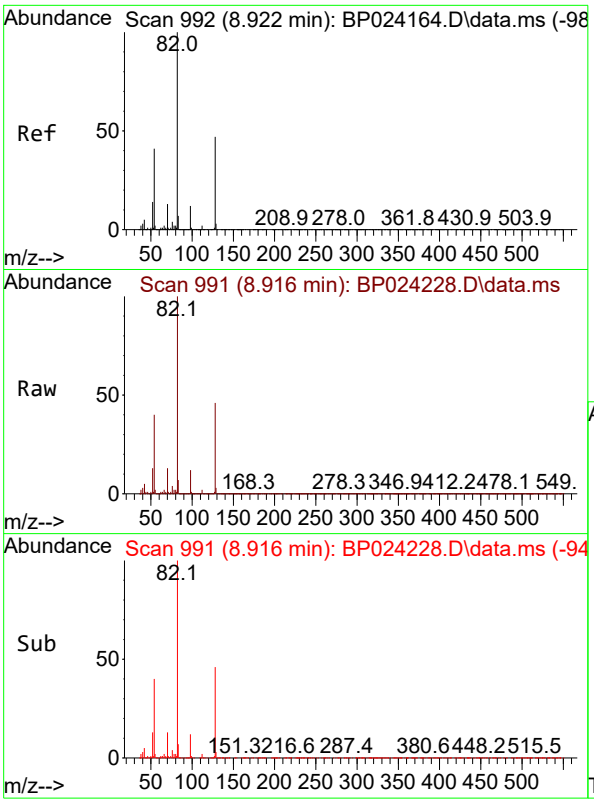


#22
Acetophenone
Concen: 41.530 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:105 Resp: 1232083

Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.4	3.6
51	20.3	16.2	24.2
120	23.6	19.0	28.6



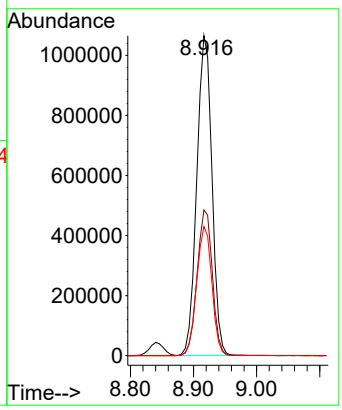


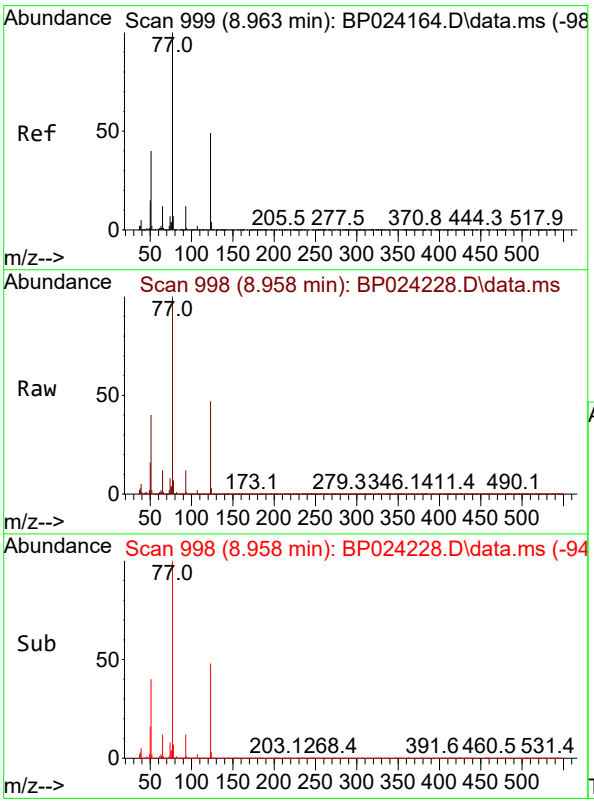
#23
Nitrobenzene-d5
Concen: 85.391 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1775974

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.0
54	40.3	32.5	48.7

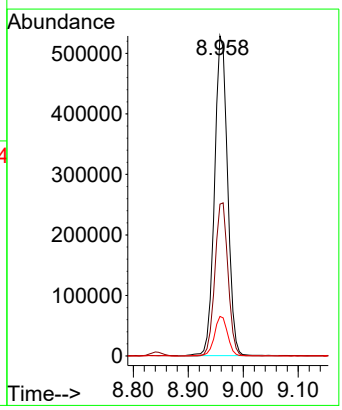


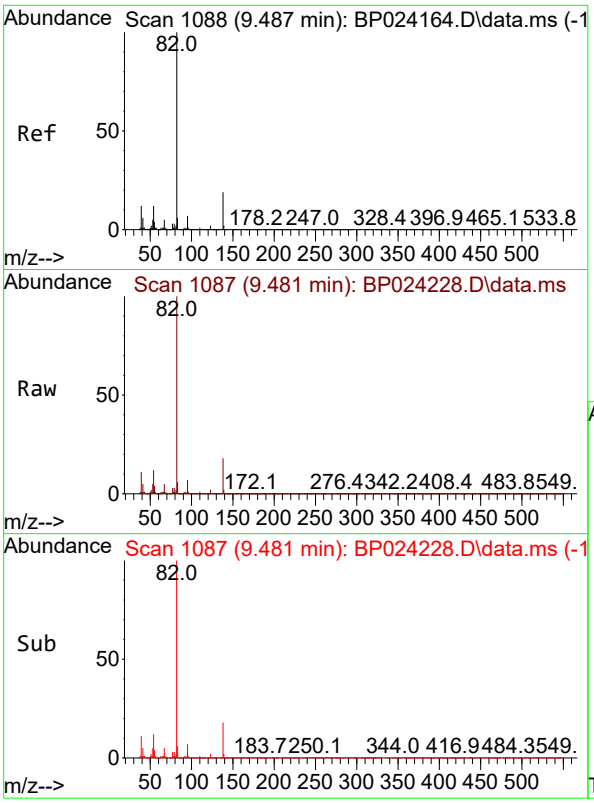


#24
Nitrobenzene
Concen: 42.572 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 77 Resp: 873464

Ion	Ratio	Lower	Upper
77	100		
123	47.5	39.4	59.2
65	12.4	9.9	14.9



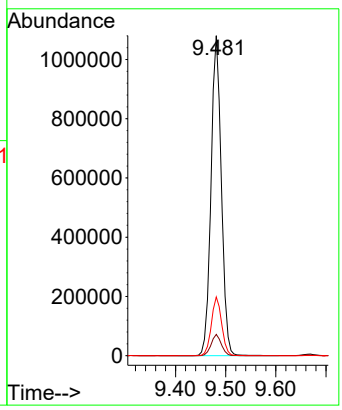


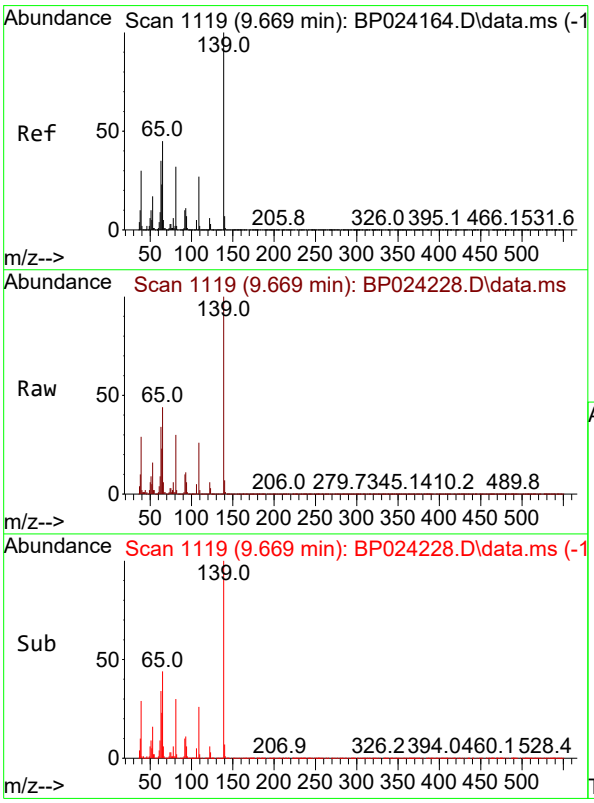
#25
Isophorone
Concen: 43.243 ng
RT: 9.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1541684

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.3	14.8	22.2

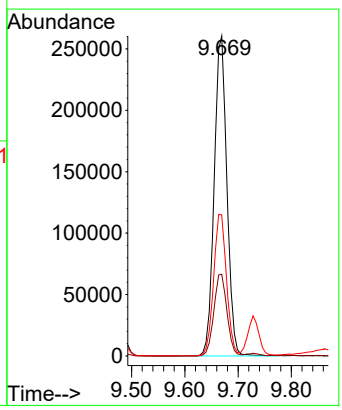


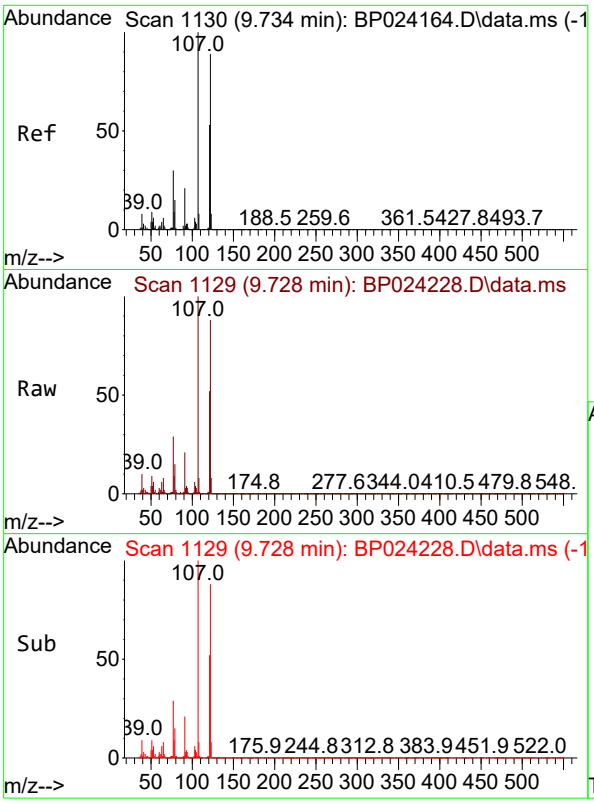


#26
2-Nitrophenol
Concen: 44.182 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:139 Resp: 433004

Ion	Ratio	Lower	Upper
139	100		
109	25.6	21.7	32.5
65	44.1	35.8	53.8



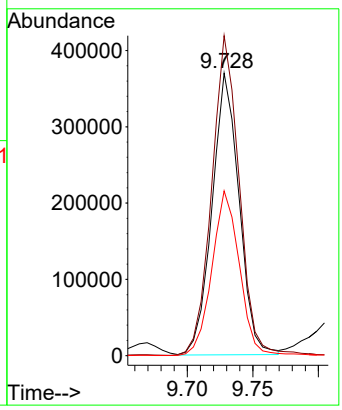


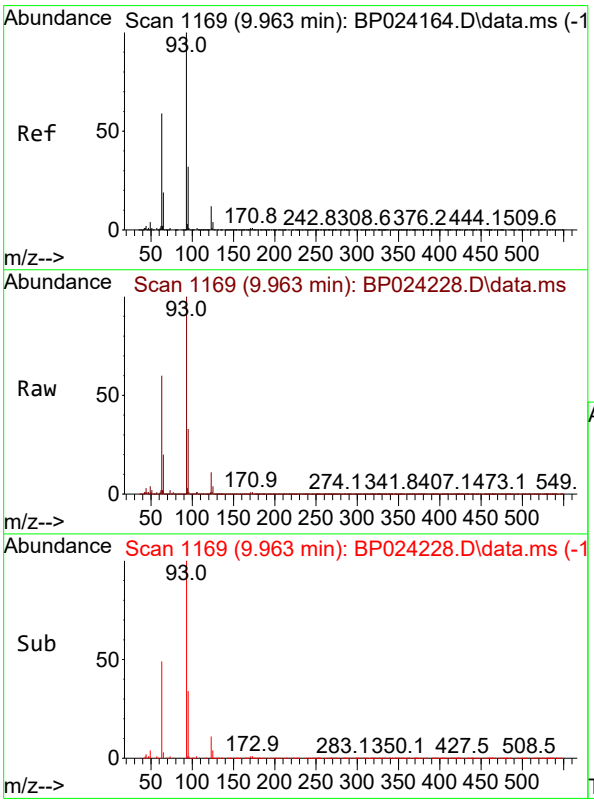
#27
2,4-Dimethylphenol
Concen: 41.973 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 528942

Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.3	133.9
121	58.4	47.5	71.3

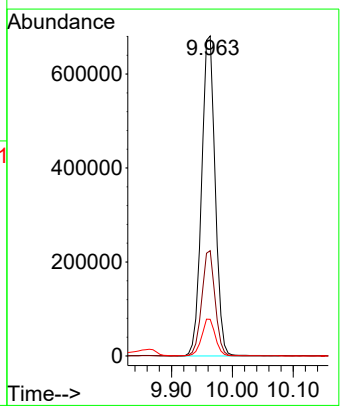


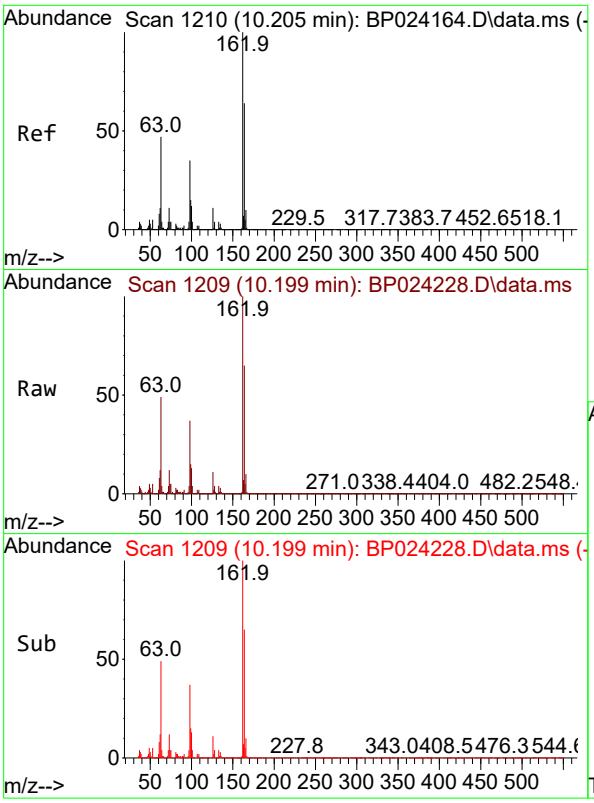


#28
bis(2-Chloroethoxy)methane
Concen: 42.043 ng
RT: 9.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 93 Resp: 1054466

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	11.5	9.5	14.3



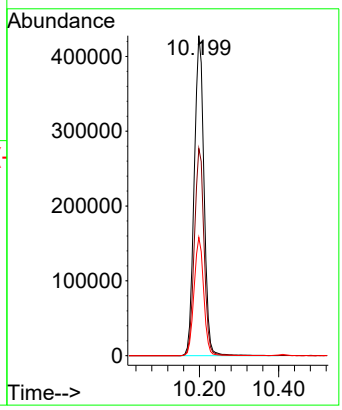


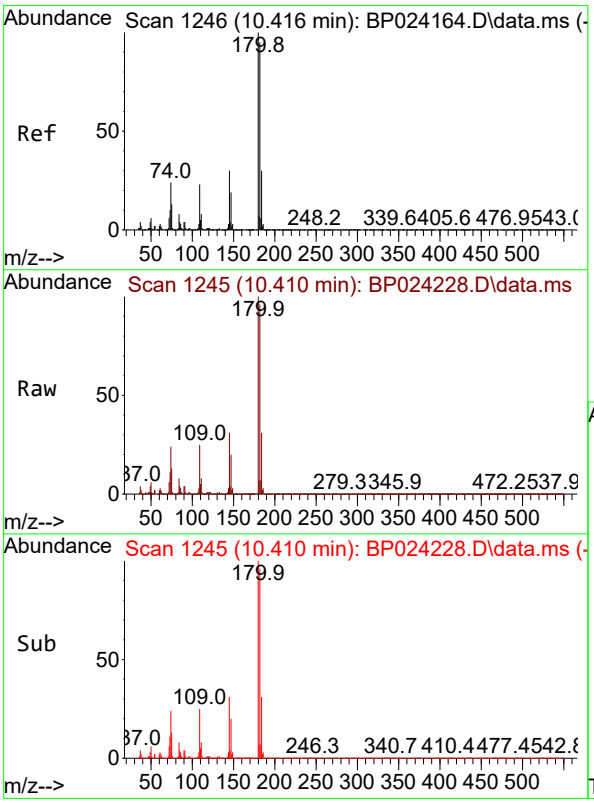
#29
2,4-Dichlorophenol
Concen: 42.809 ng
RT: 10.199 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 729792

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.2	84.2
98	36.9	15.1	55.1

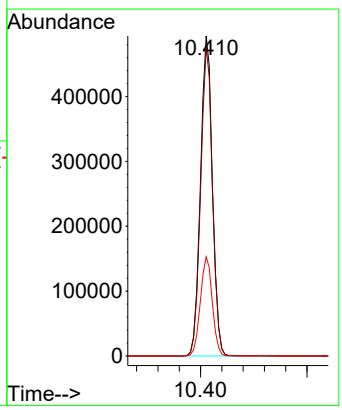


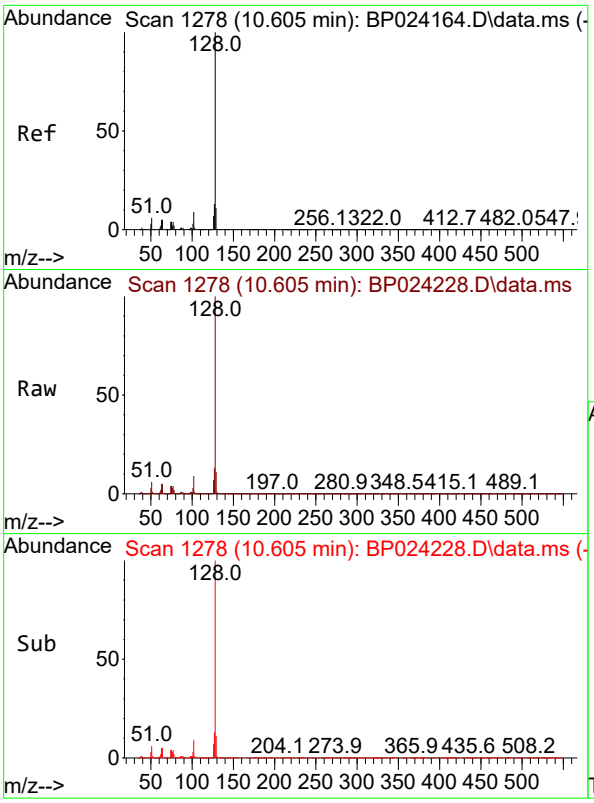


#30
1,2,4-Trichlorobenzene
Concen: 40.549 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:180 Resp: 763746

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.1	114.1
145	31.0	24.2	36.2



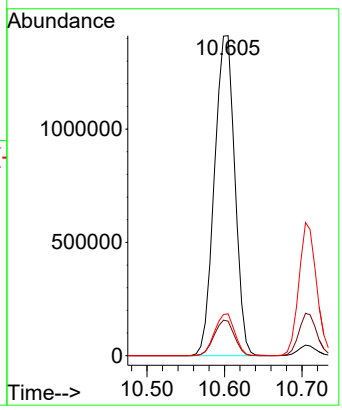


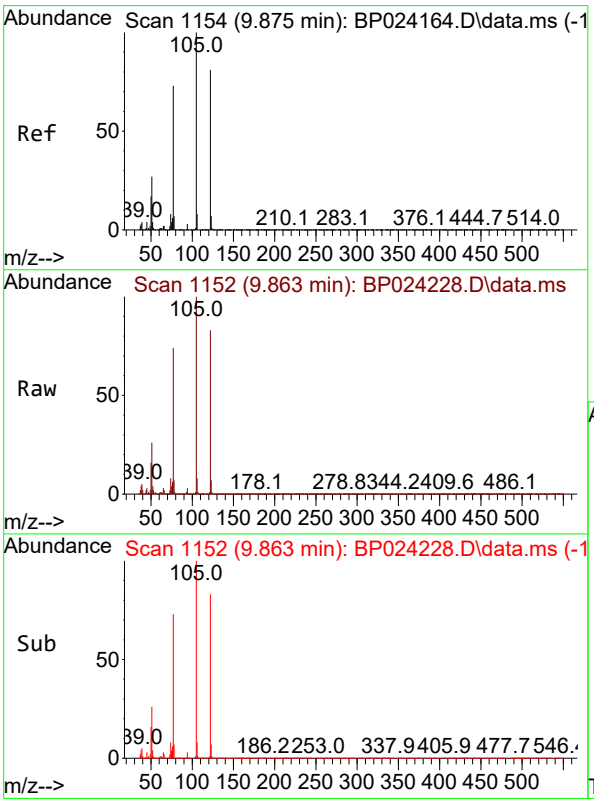
#31
Naphthalene
Concen: 41.488 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2580706

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.4	15.6

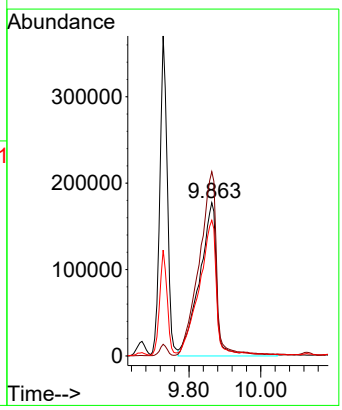


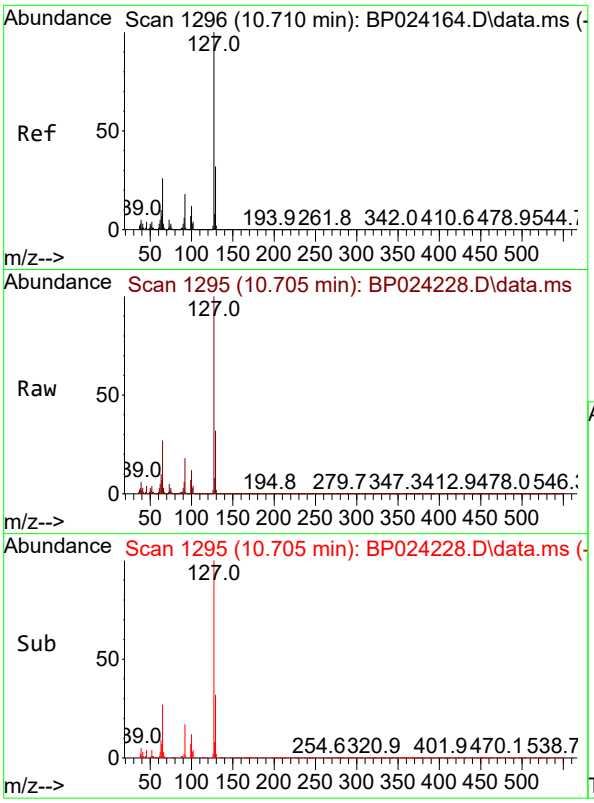


#32
Benzoic acid
Concen: 48.635 ng m
RT: 9.863 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:122 Resp: 597743

Ion	Ratio	Lower	Upper
122	100		
105	120.2	100.3	140.3
77	88.5	69.1	109.1



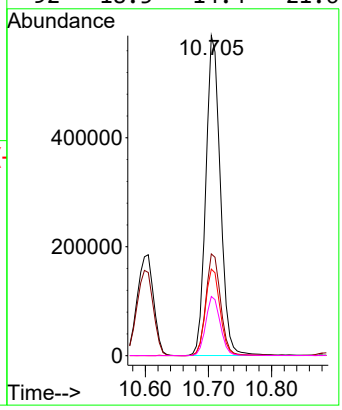


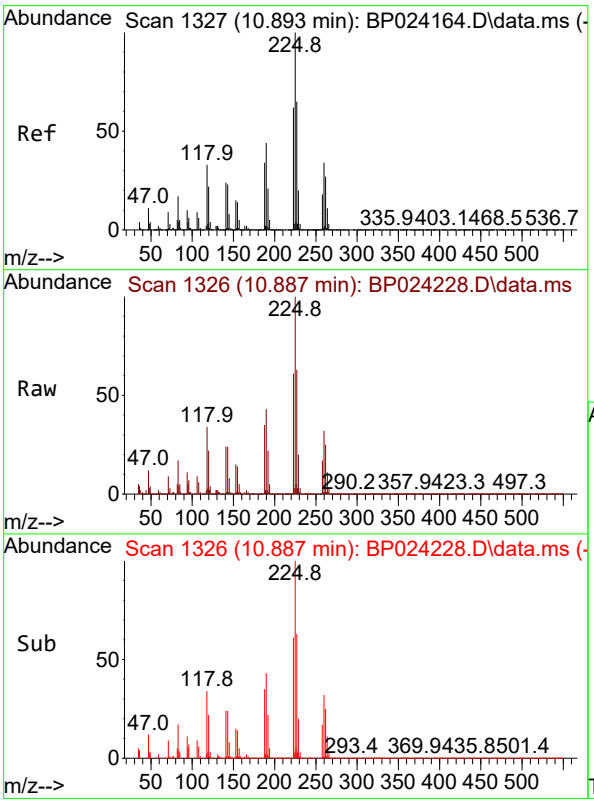
#33
4-Chloroaniline
Concen: 42.261 ng
RT: 10.705 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 940754

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	27.0	21.2	31.8
92	18.5	14.4	21.6

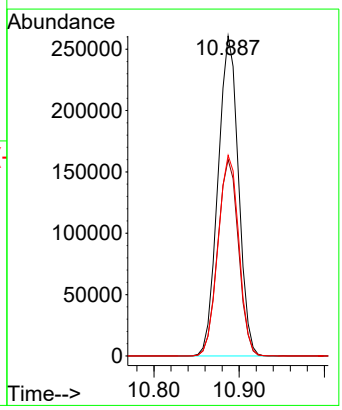


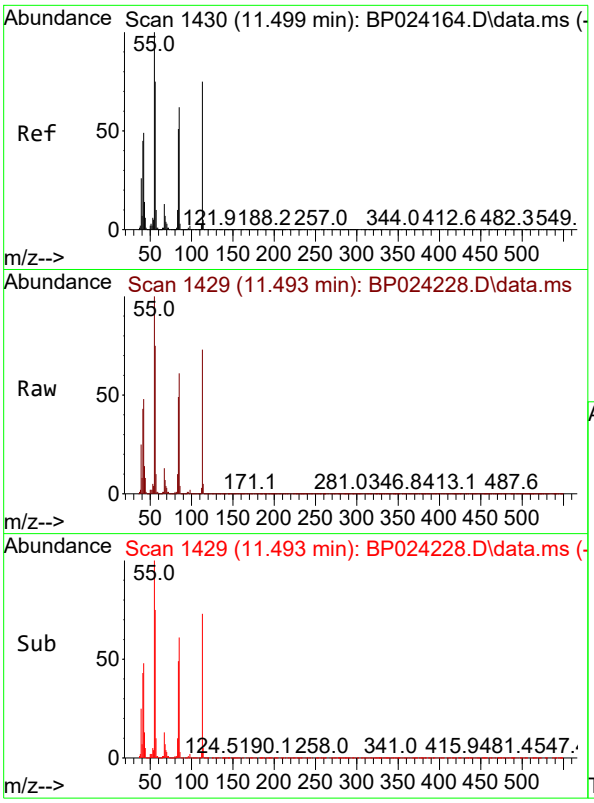


#34
Hexachlorobutadiene
Concen: 40.101 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:225 Resp: 434685

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.9	74.9
227	62.7	52.2	78.2



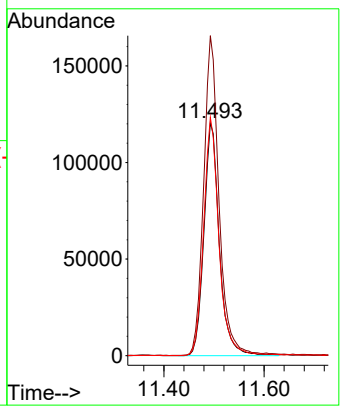


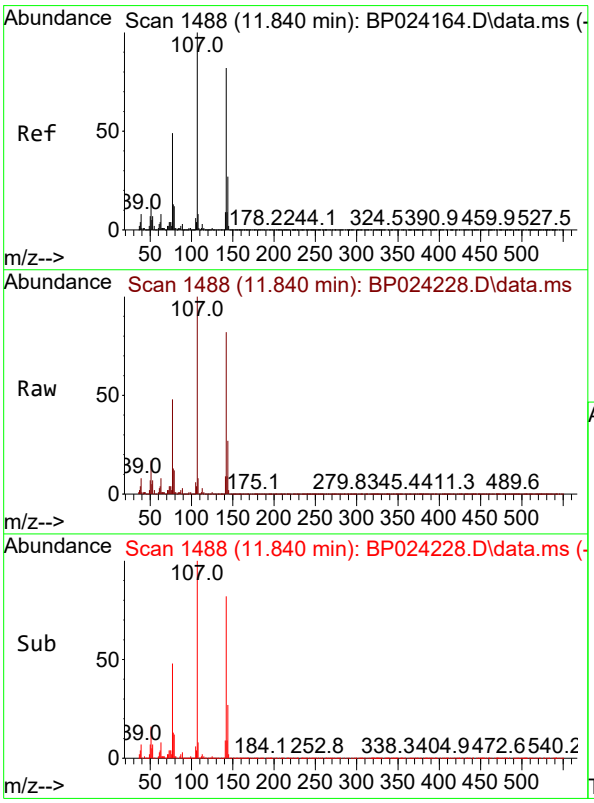
#35
Caprolactam
Concen: 46.011 ng
RT: 11.493 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 257074

Ion	Ratio	Lower	Upper
113	100		
55	137.5	113.6	153.6
56	102.4	80.0	120.0

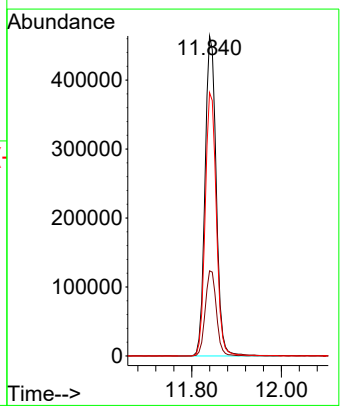


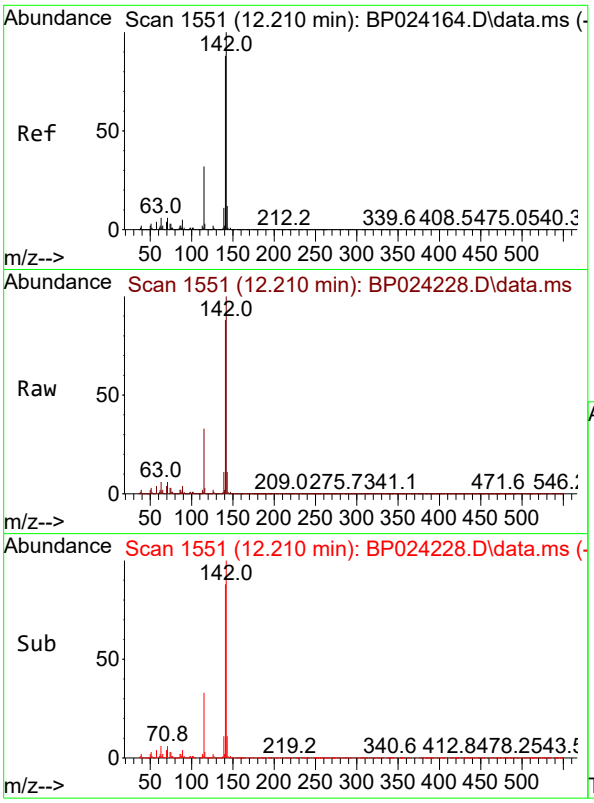


#36
4-Chloro-3-methylphenol
Concen: 43.485 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:107 Resp: 799711

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.6	32.4
142	82.3	65.4	98.0



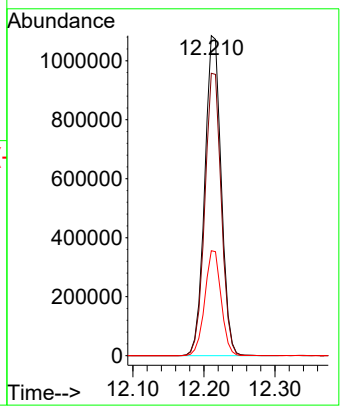


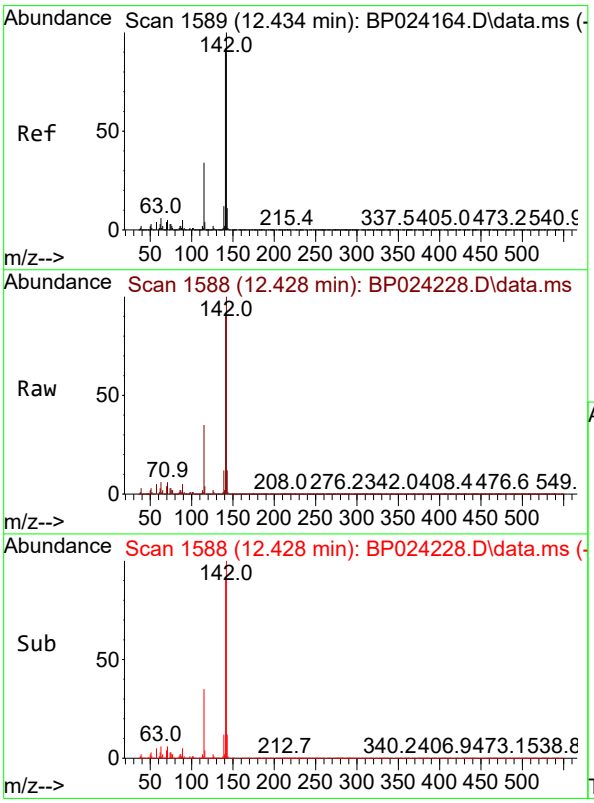
#37
2-Methylnaphthalene
Concen: 41.629 ng
RT: 12.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1749345

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	32.8	26.0	39.0

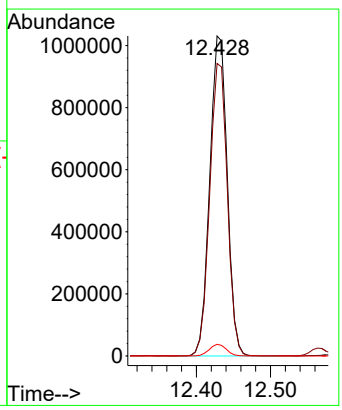


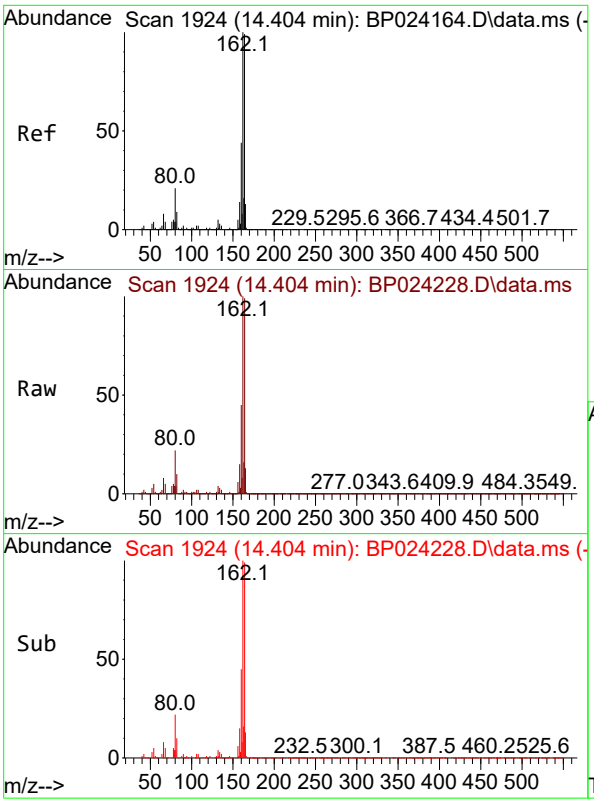


#38
1-Methylnaphthalene
Concen: 41.312 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:142 Resp: 1688556

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.6	2.8	4.2



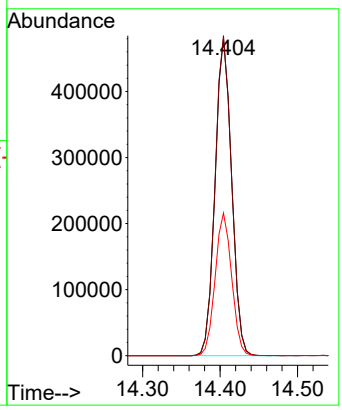


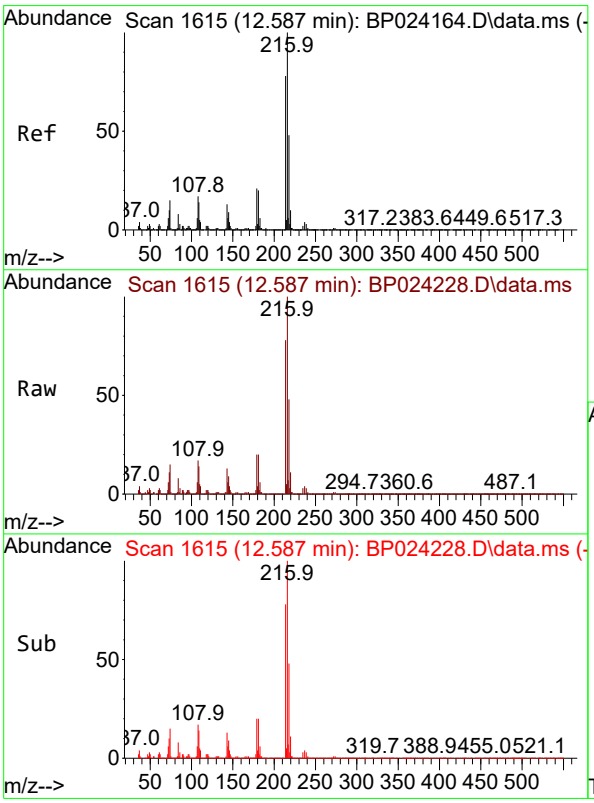
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 712048

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	121.0
160	45.0	35.4	53.2

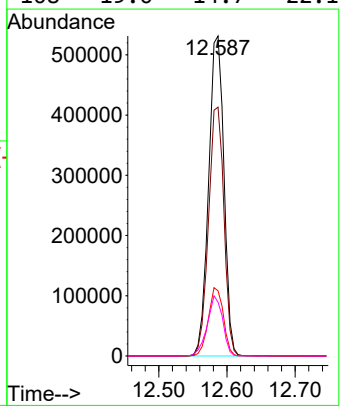


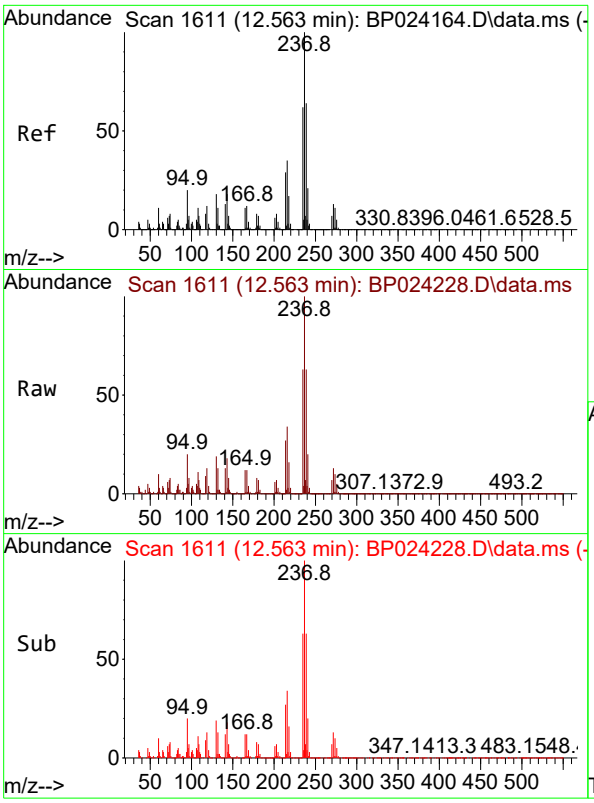


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.347 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:216 Resp: 830463

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.8	94.2
179	21.0	16.8	25.2
108	19.0	14.7	22.1



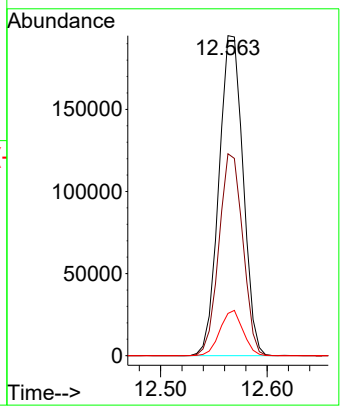


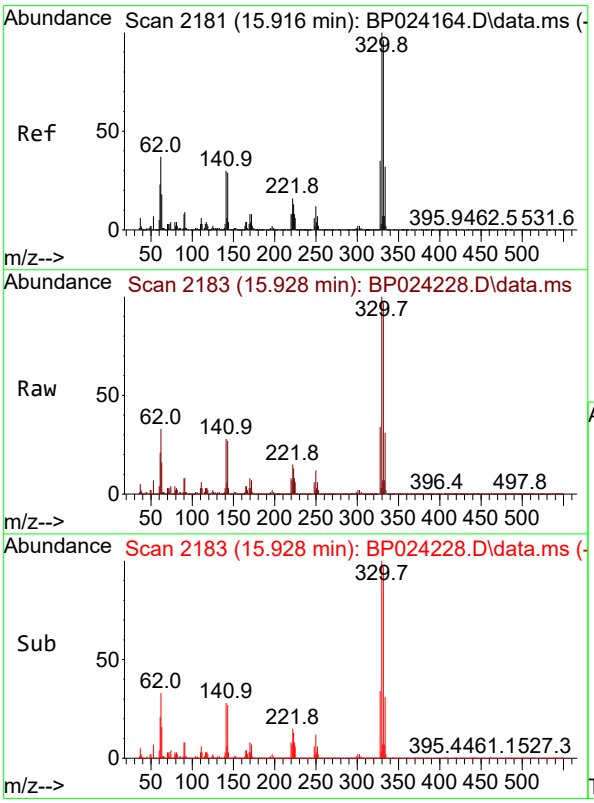
#41
Hexachlorocyclopentadiene
Concen: 41.311 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 306506

Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.8	81.8
272	13.2	0.0	33.5

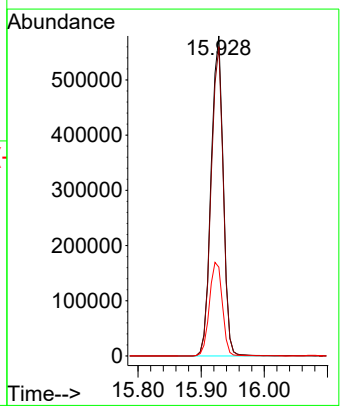


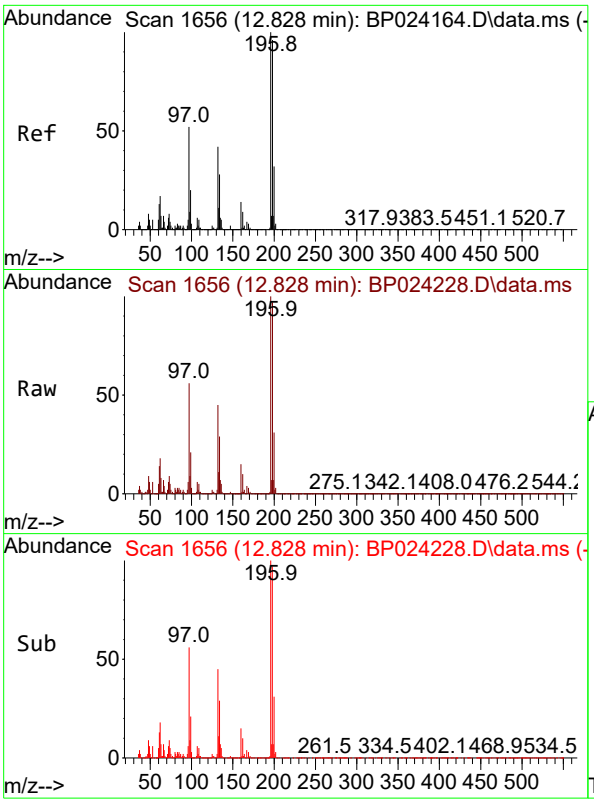


#42
2,4,6-Tribromophenol
Concen: 86.150 ng
RT: 15.928 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:330 Resp: 772690

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	31.2	25.0	37.6



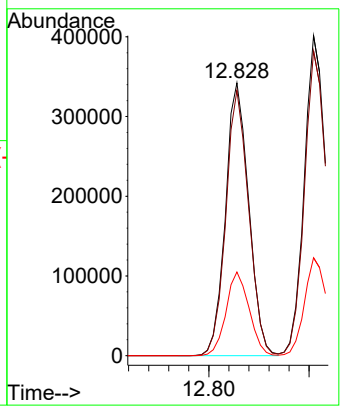


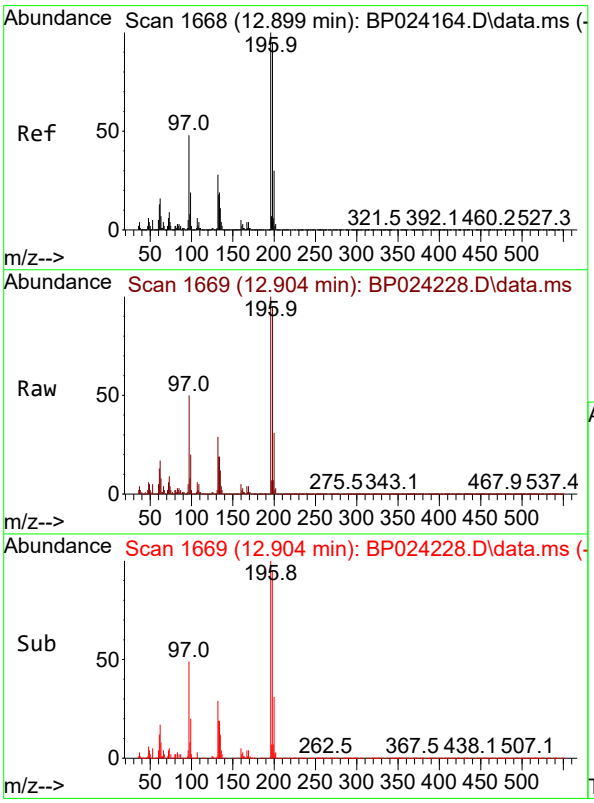
#43
2,4,6-Trichlorophenol
Concen: 42.177 ng
RT: 12.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 551712

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
200	30.7	25.4	38.0

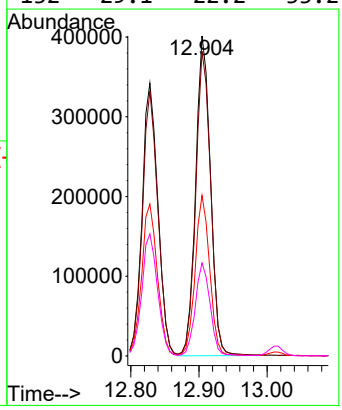


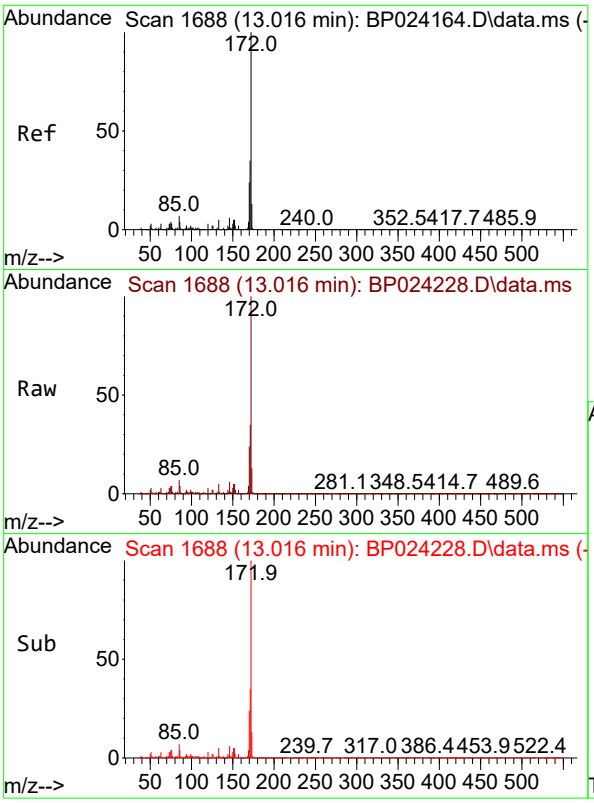


#44
2,4,5-Trichlorophenol
Concen: 42.299 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:196 Resp: 606798

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.5	114.7
97	50.2	38.7	58.1
132	29.1	22.2	33.2



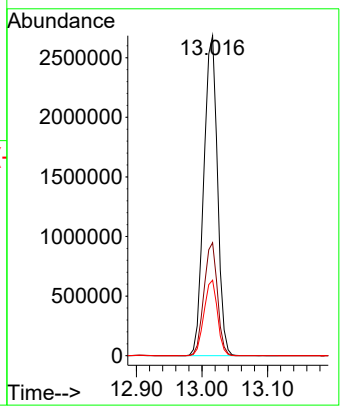


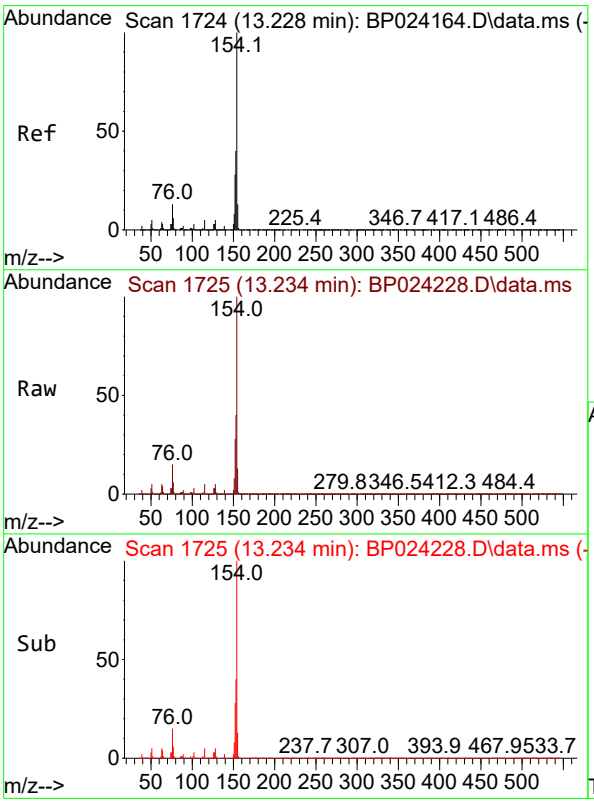
#45
2-Fluorobiphenyl
Concen: 80.493 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 3887020

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.6	19.0	28.4

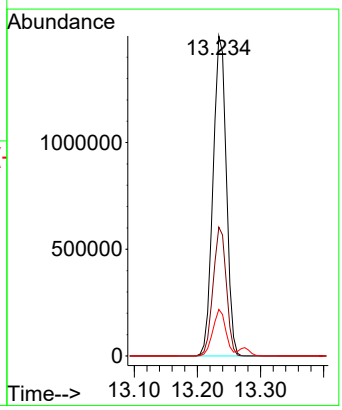


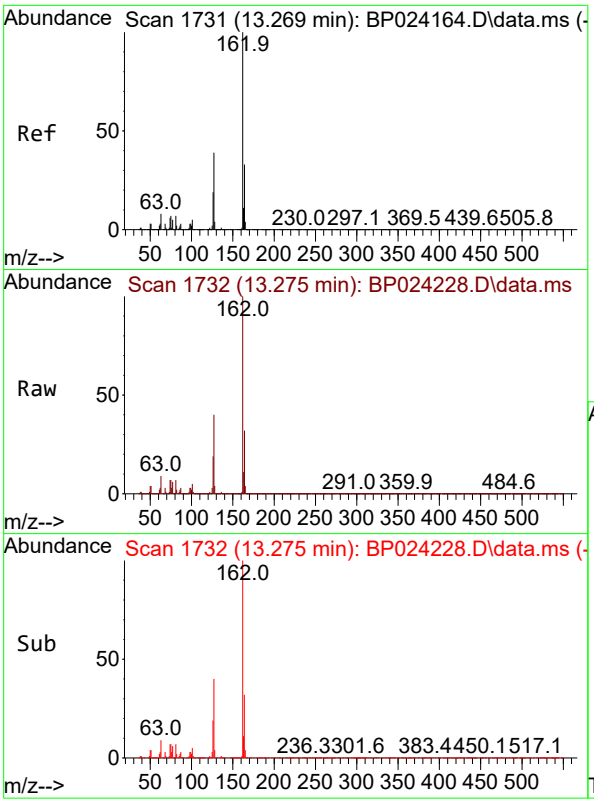


#46
1,1'-Biphenyl
Concen: 40.942 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:154 Resp: 2190701

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	14.5	0.0	32.9



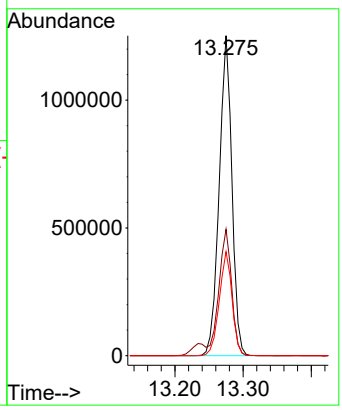


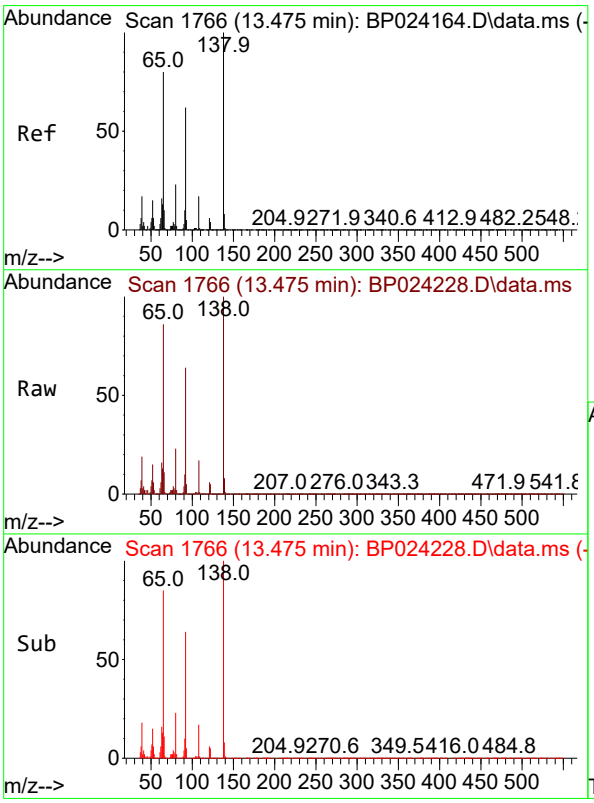
#47
2-Chloronaphthalene
Concen: 40.362 ng
RT: 13.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1624413

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.5	47.3
164	32.5	26.6	39.8

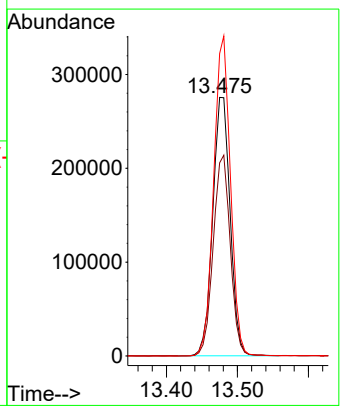


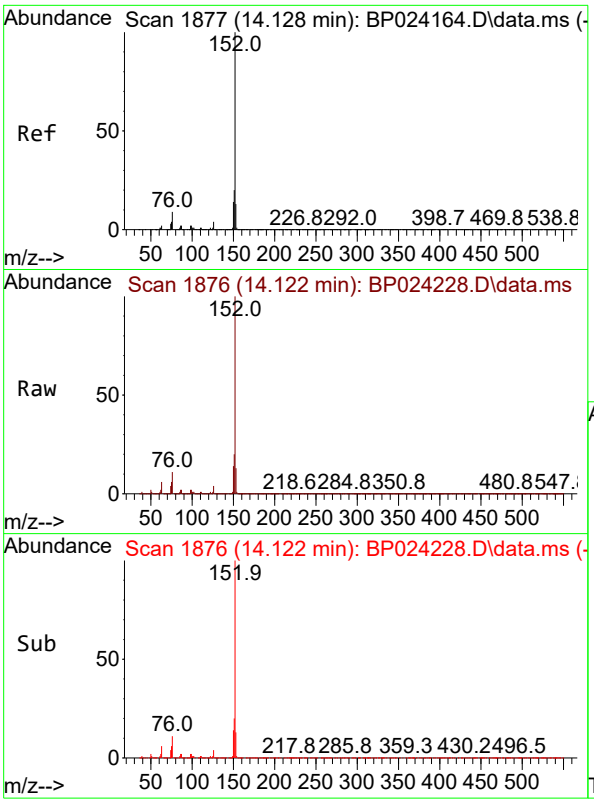


#48
2-Nitroaniline
Concen: 45.470 ng
RT: 13.475 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 65 Resp: 468062

Ion	Ratio	Lower	Upper
65	100		
92	74.7	62.1	93.1
138	117.0	99.5	149.3



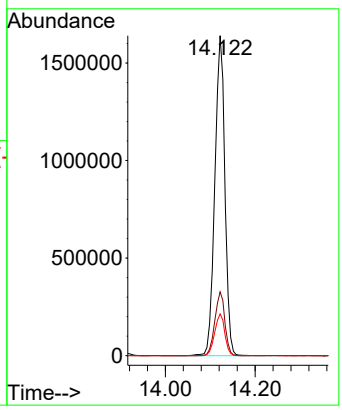


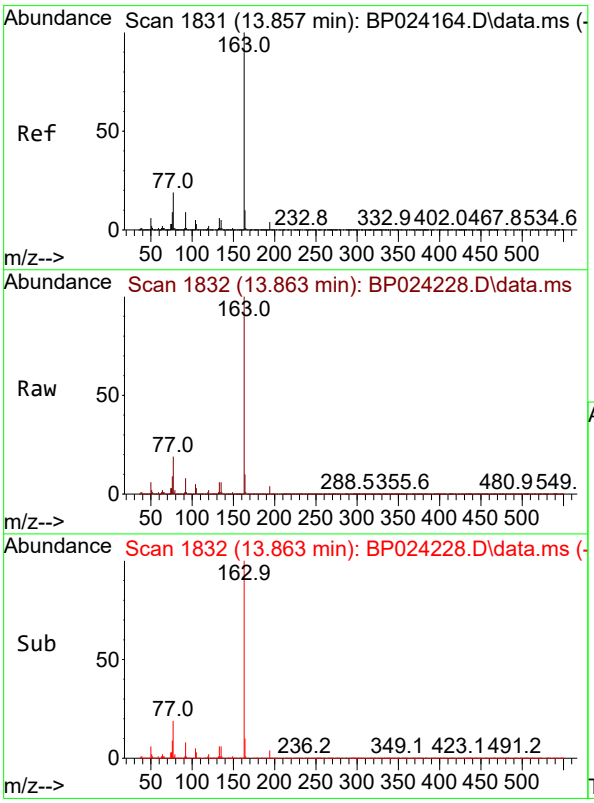
#49
Acenaphthylene
Concen: 41.802 ng
RT: 14.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2545636

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.0	10.6	15.8

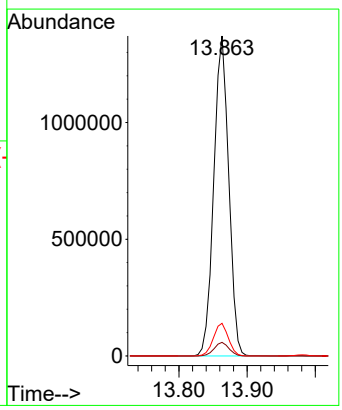


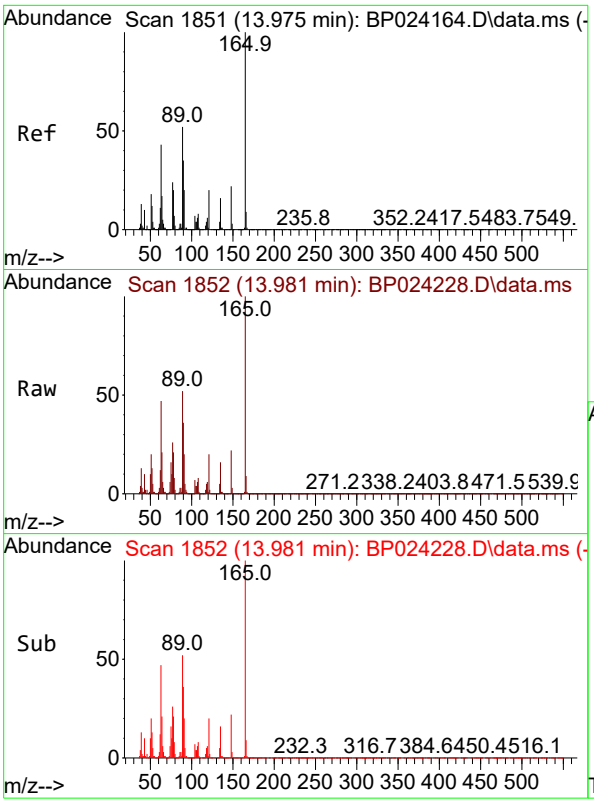


#50
Dimethylphthalate
Concen: 41.901 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:163 Resp: 2087636

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.2	12.4



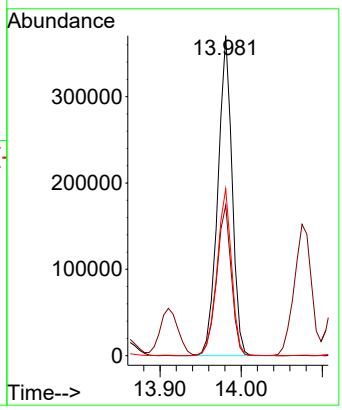


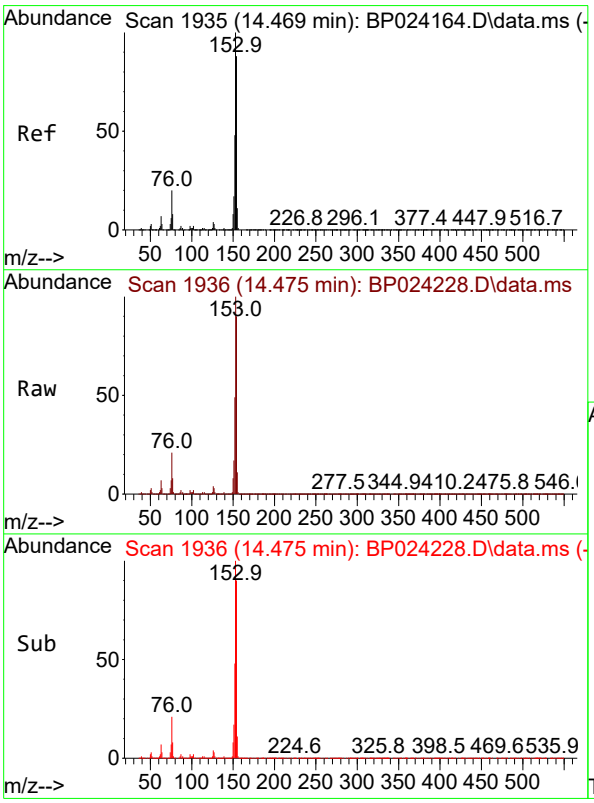
#51
2,6-Dinitrotoluene
Concen: 43.271 ng
RT: 13.981 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 453615

Ion	Ratio	Lower	Upper
165	100		
63	47.0	37.7	56.5
89	52.1	41.9	62.9

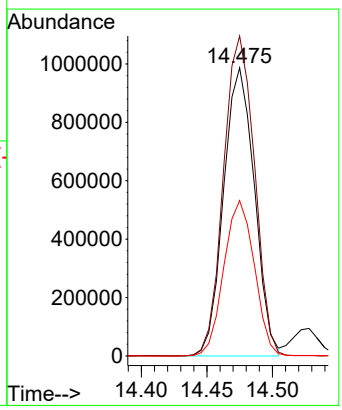


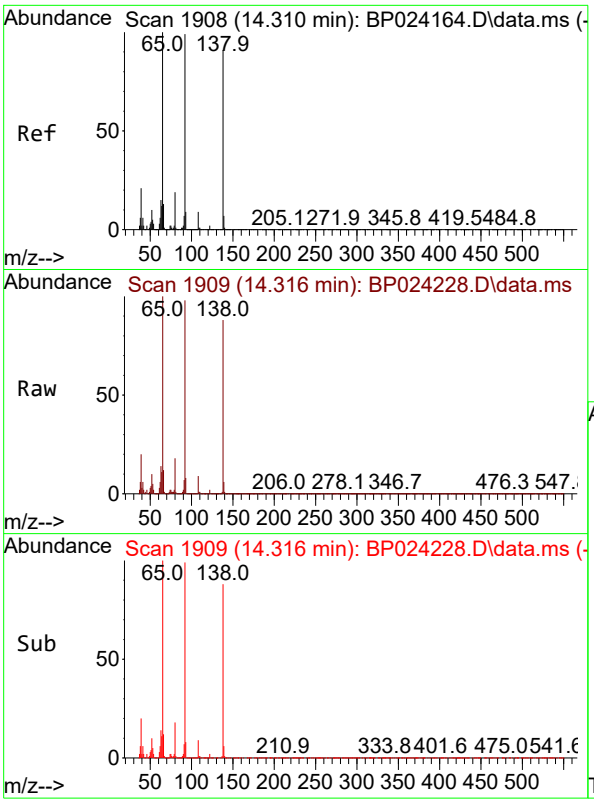


#52
Acenaphthene
Concen: 41.411 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:154 Resp: 1611256

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.5	135.7
152	53.9	43.1	64.7



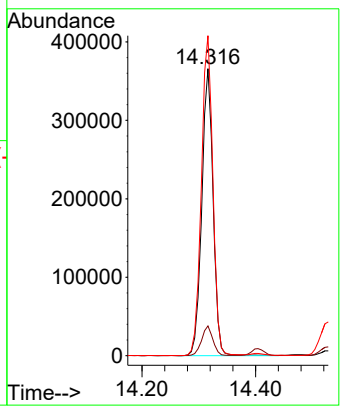


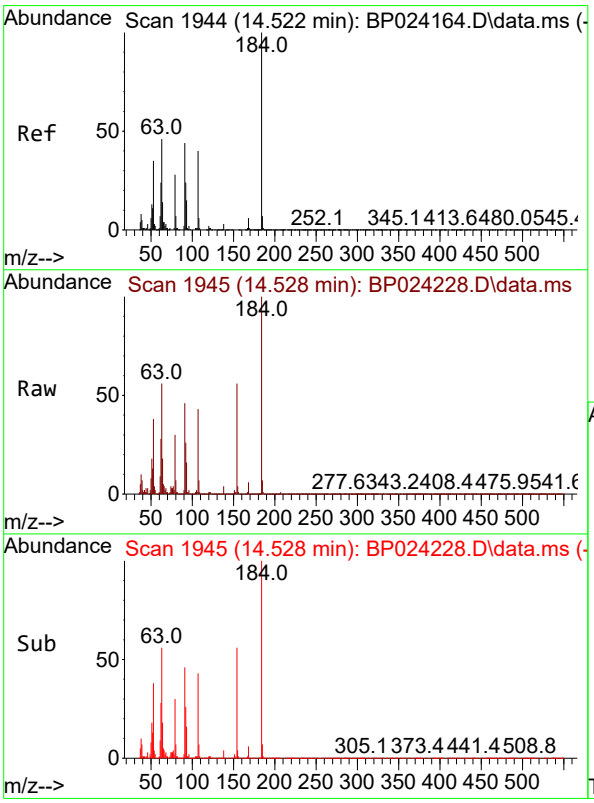
#53
3-Nitroaniline
Concen: 44.593 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 504903

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.2
92	111.5	86.7	130.1

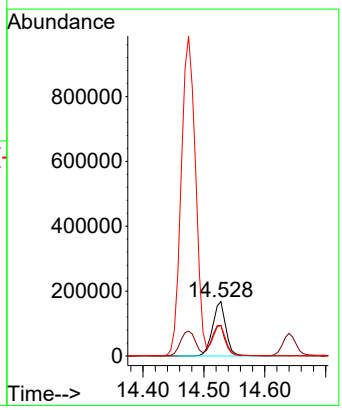


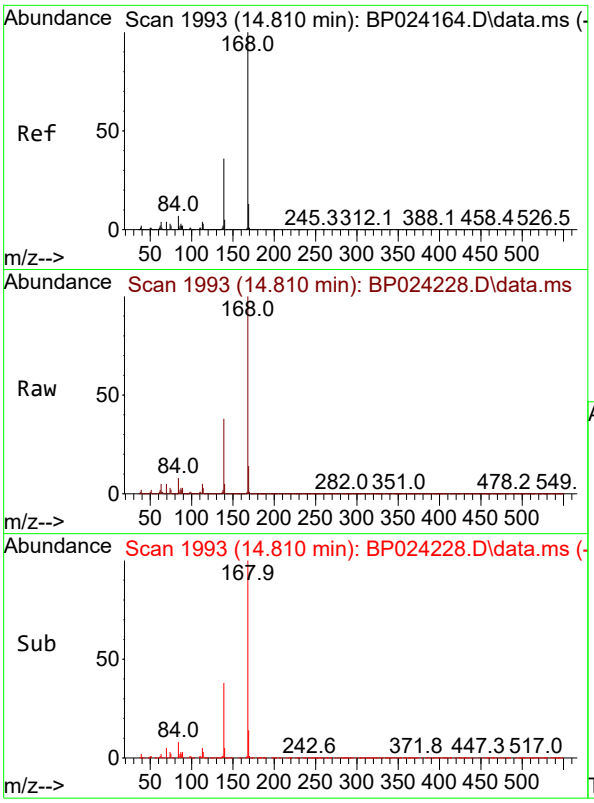


#54
2,4-Dinitrophenol
Concen: 45.859 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:184 Resp: 254373

Ion	Ratio	Lower	Upper
184	100		
63	56.1	42.1	63.1
154	56.2	44.6	67.0



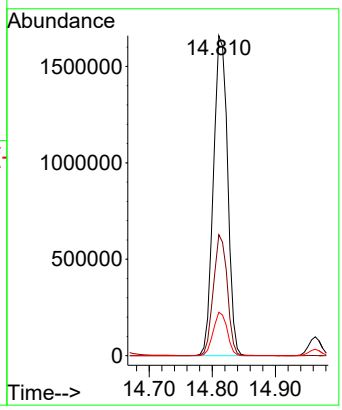


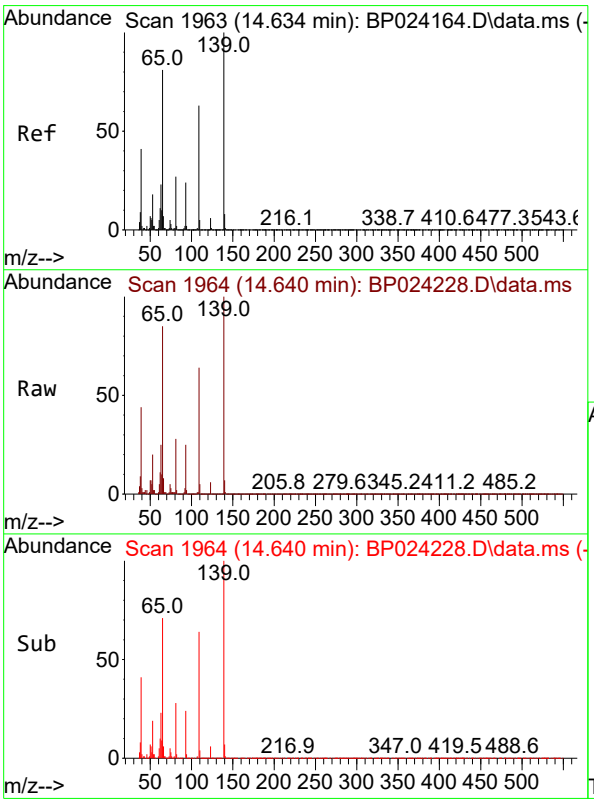
#55
Dibenzofuran
Concen: 41.102 ng
RT: 14.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2590493

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.1	43.7
169	13.5	10.8	16.2

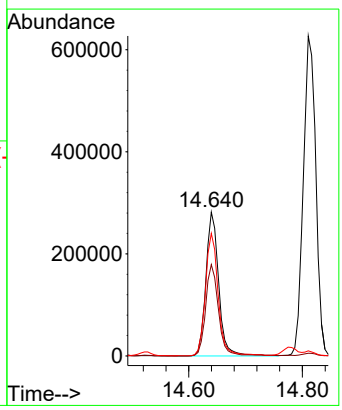


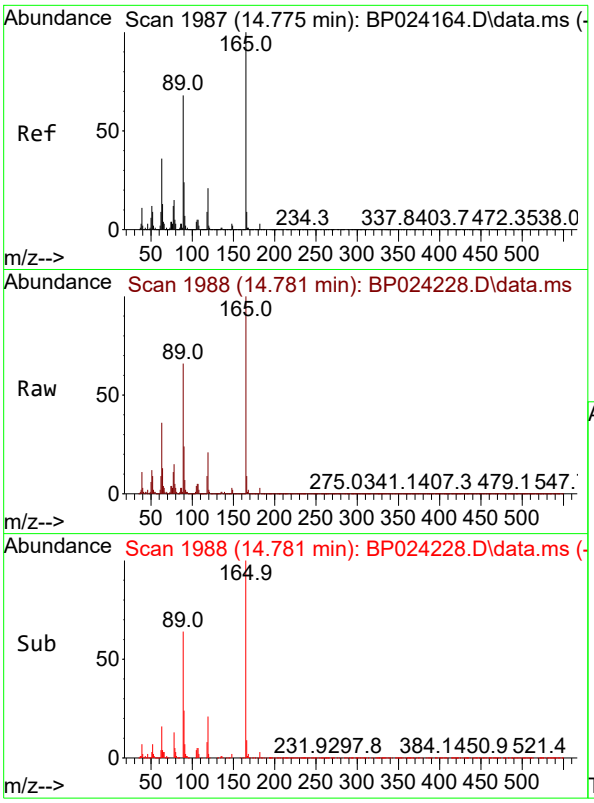


#56
4-Nitrophenol
Concen: 46.371 ng
RT: 14.640 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:139 Resp: 438706

Ion	Ratio	Lower	Upper
139	100		
109	63.6	43.3	83.3
65	85.3	61.2	101.2



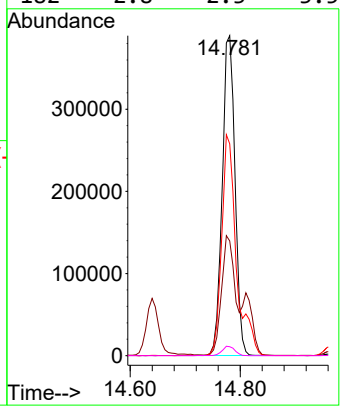


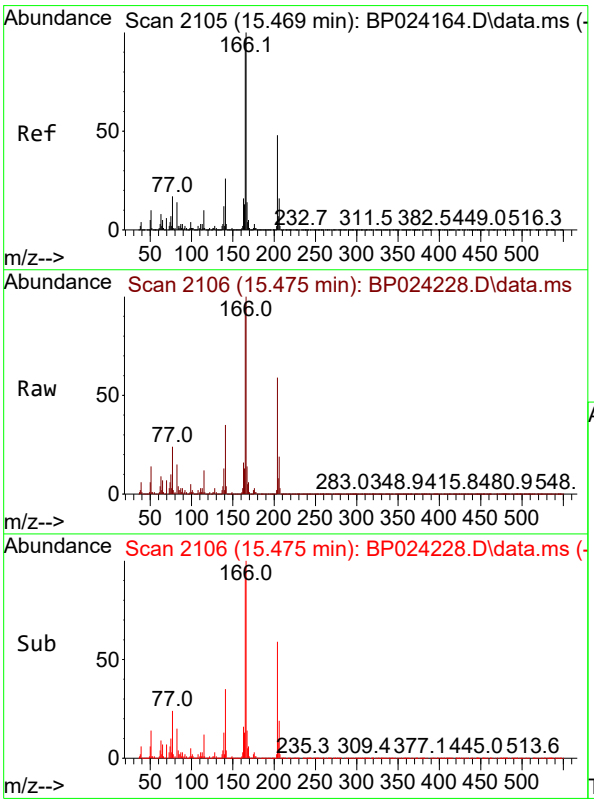
#57
2,4-Dinitrotoluene
Concen: 45.191 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 625765

Ion	Ratio	Lower	Upper
165	100		
63	35.9	29.0	43.6
89	66.2	54.2	81.4
182	2.8	2.3	3.5

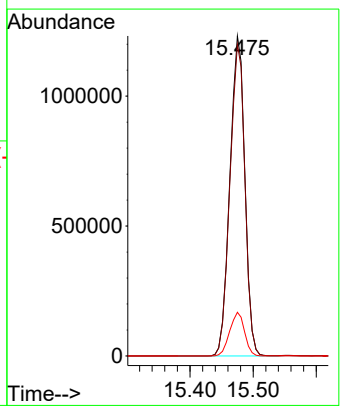


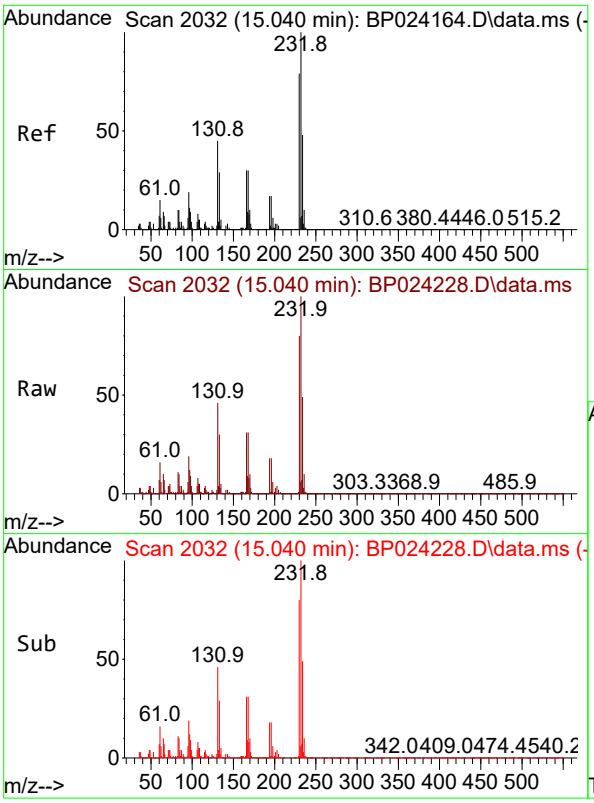


#58
Fluorene
Concen: 41.183 ng
RT: 15.475 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:166 Resp: 2022327

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.6	116.4
167	13.7	10.8	16.2



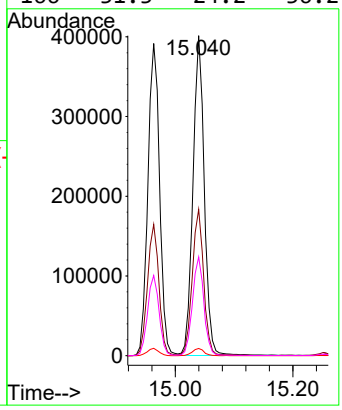


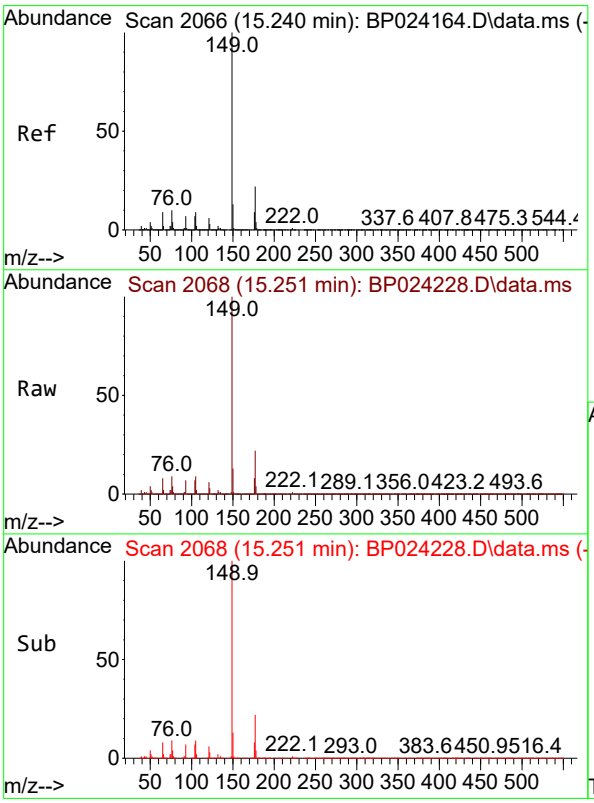
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.344 ng
RT: 15.040 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 536689

Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.9	53.9
130	2.4	1.8	2.6
166	31.3	24.2	36.2

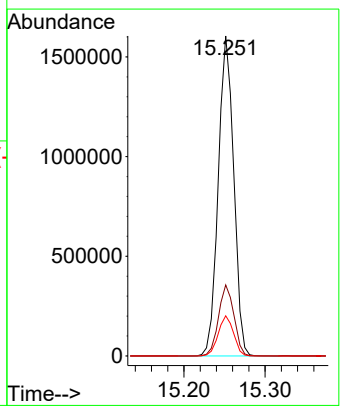


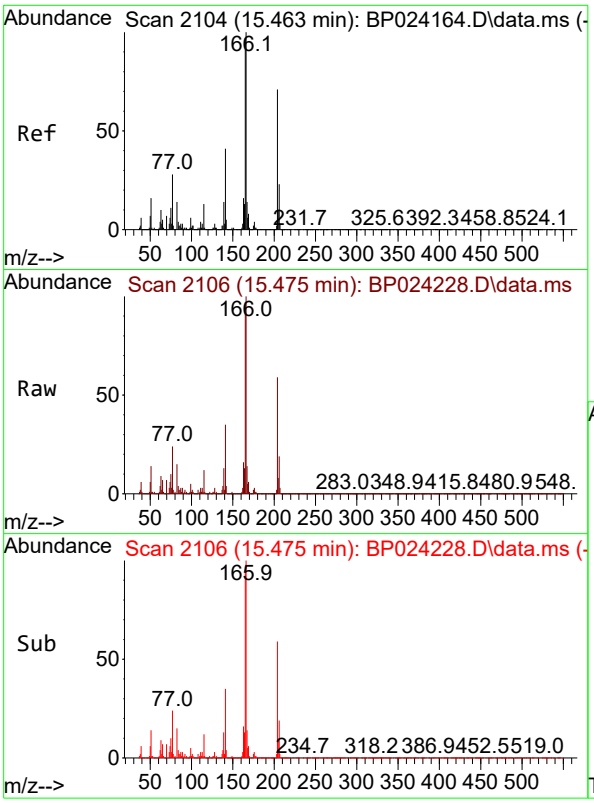


#60
Diethylphthalate
Concen: 42.942 ng
RT: 15.251 min Scan# 2068
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:149 Resp: 2130607

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.5	10.2	15.4



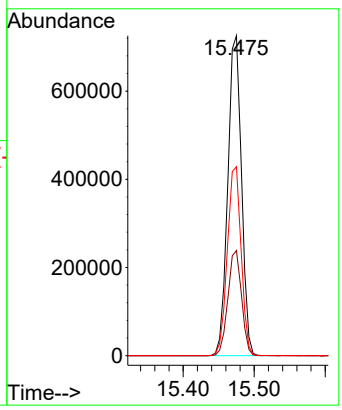


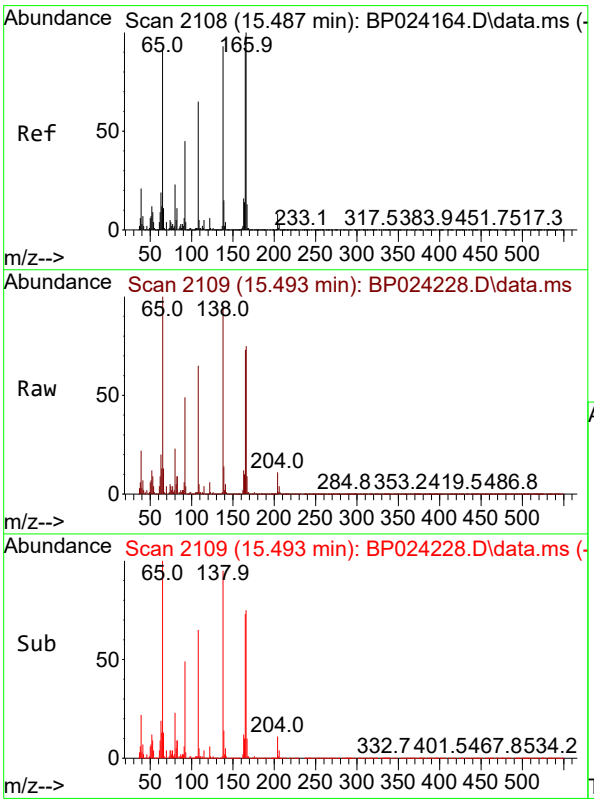
#61
4-Chlorophenyl-phenylether
Concen: 40.284 ng
RT: 15.475 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 970246

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	59.1	45.8	68.8

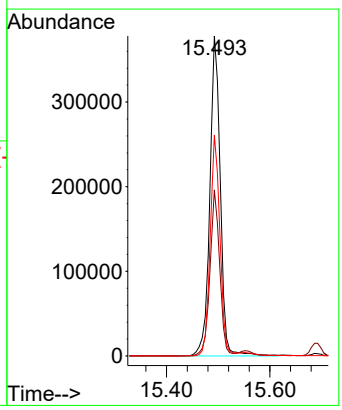


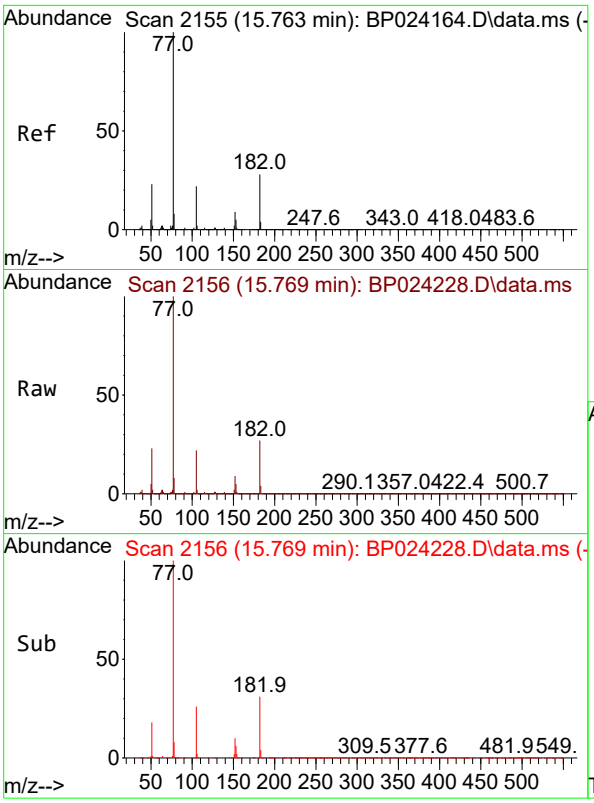


#62
4-Nitroaniline
Concen: 44.847 ng
RT: 15.493 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:138 Resp: 532563

Ion	Ratio	Lower	Upper
138	100		
92	51.9	28.7	68.7
108	69.0	49.5	89.5



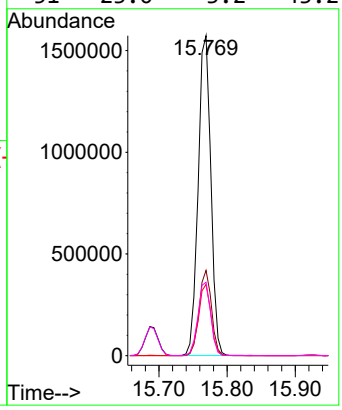


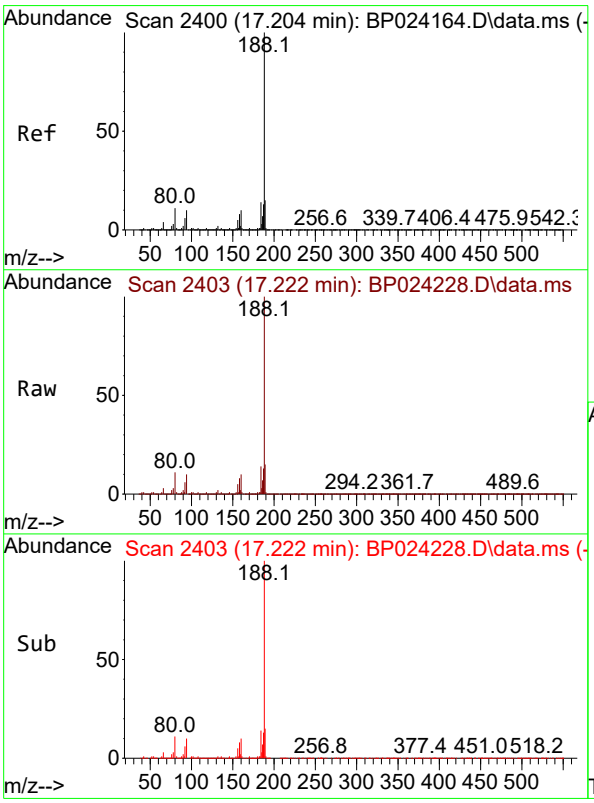
#63
Azobenzene
Concen: 43.353 ng
RT: 15.769 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2027384

Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.7	47.7
105	22.2	2.3	42.3
51	23.0	3.2	43.2

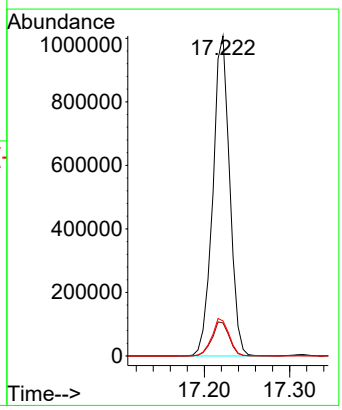


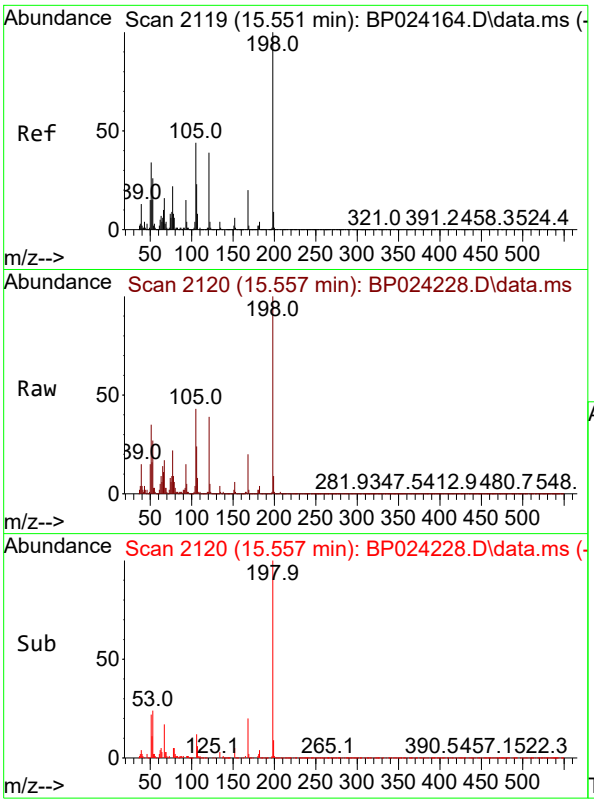


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:188 Resp: 1380061

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.0	8.9	13.3



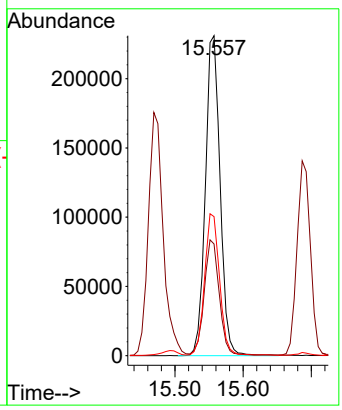


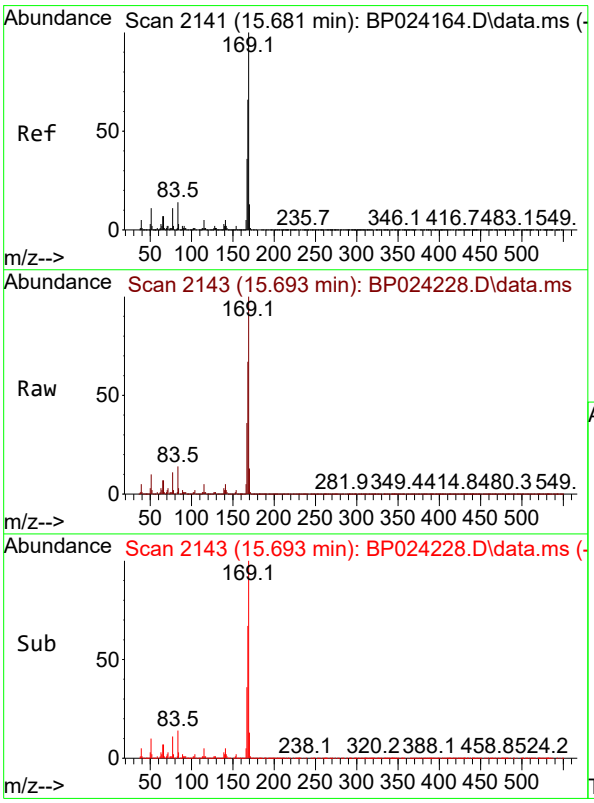
#65
4,6-Dinitro-2-methylphenol
Concen: 42.395 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 347340

Ion	Ratio	Lower	Upper
198	100		
51	34.9	14.7	54.7
105	43.5	23.8	63.8

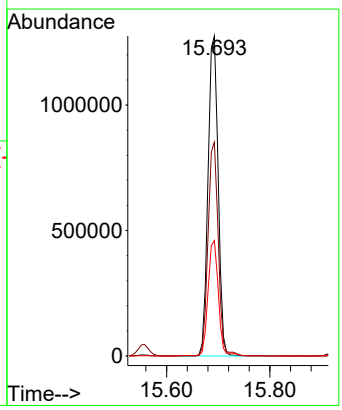


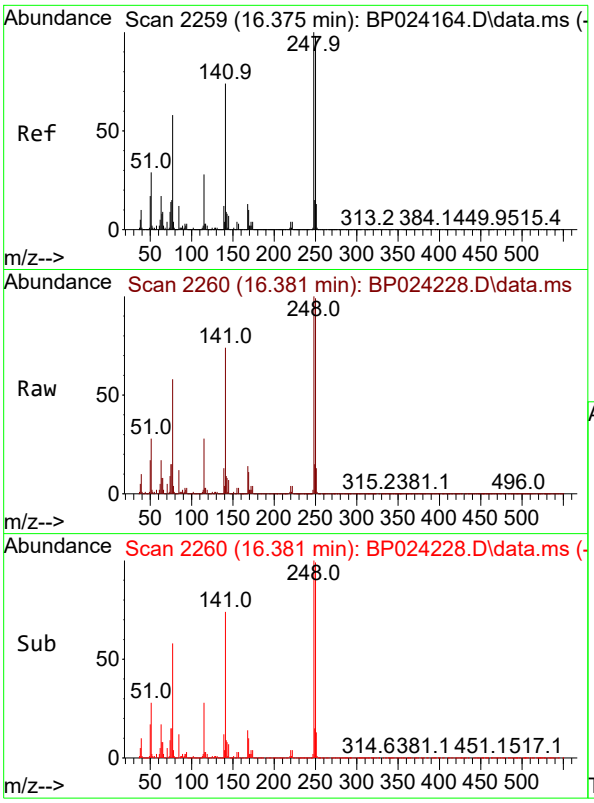


#66
n-Nitrosodiphenylamine
Concen: 41.235 ng
RT: 15.693 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:169 Resp: 1728077

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.9	79.3
167	36.0	28.8	43.2



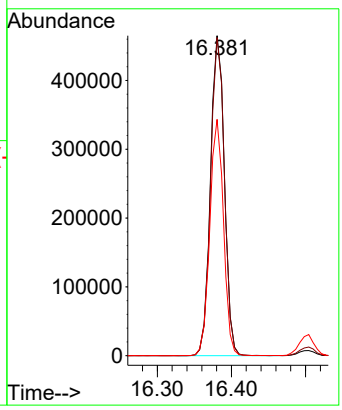


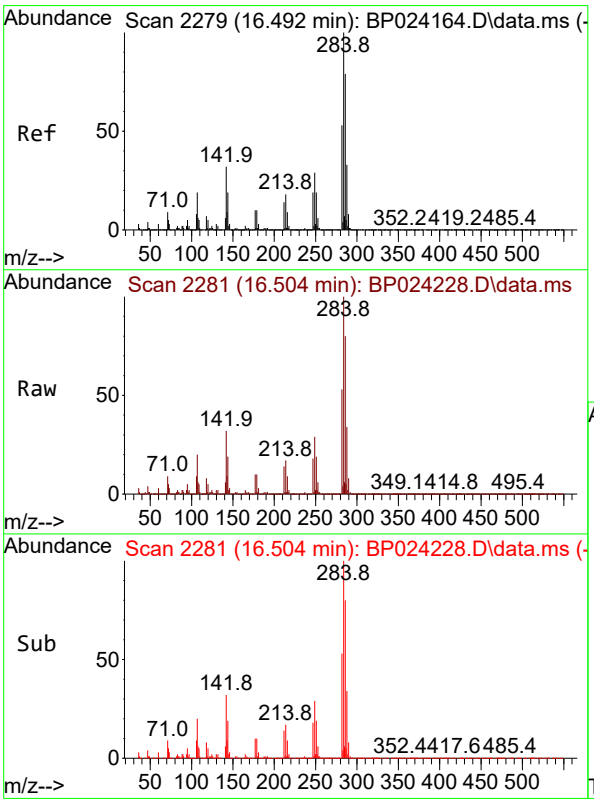
#67
4-Bromophenyl-phenylether
Concen: 40.028 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 606490

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.4	117.6
141	73.8	59.4	89.0

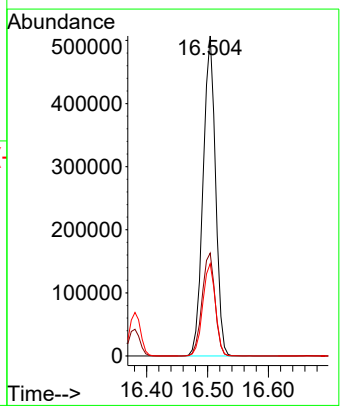


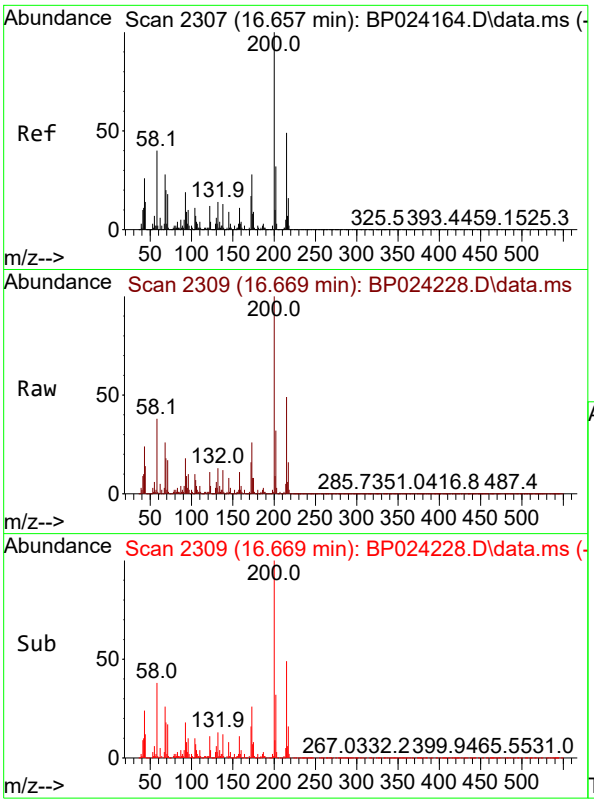


#68
Hexachlorobenzene
Concen: 40.119 ng
RT: 16.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:284 Resp: 719481

Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.4	38.2
249	28.8	23.5	35.3



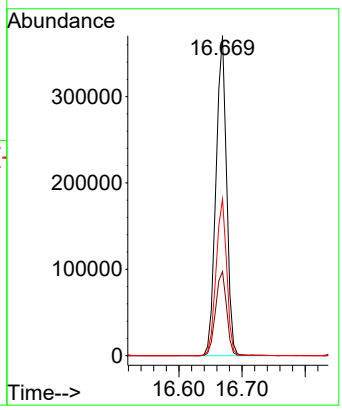


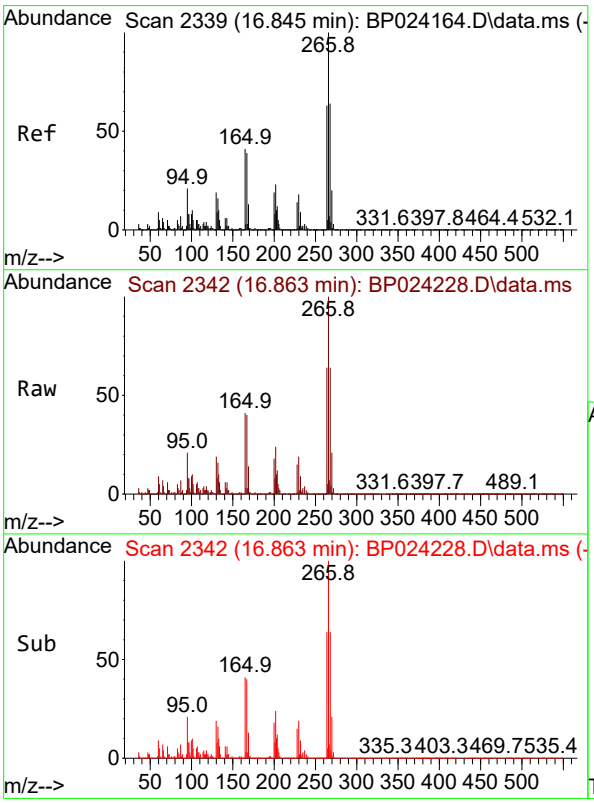
#69
Atrazine
Concen: 42.859 ng
RT: 16.669 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 433531

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.6	47.6
215	49.0	29.0	69.0

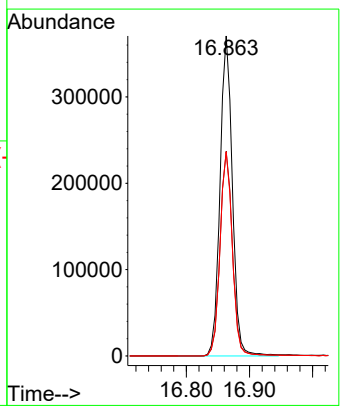


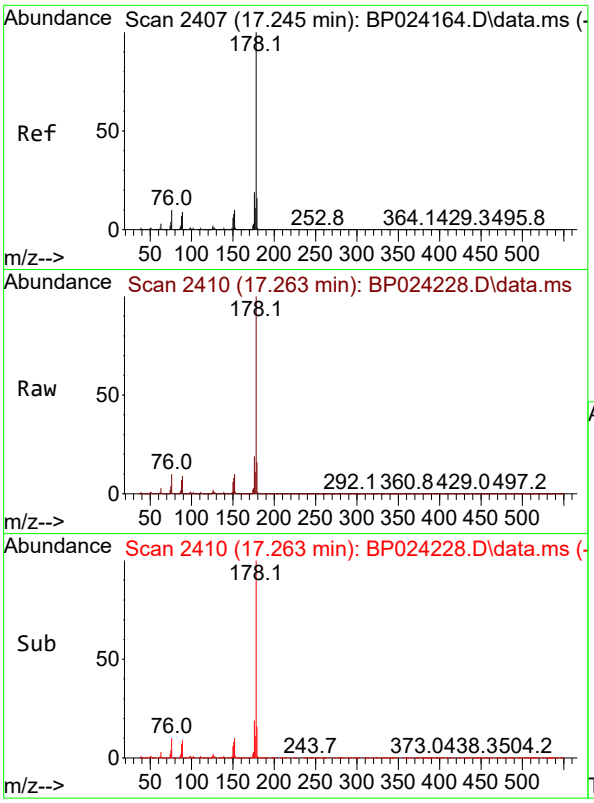


#70
Pentachlorophenol
Concen: 43.456 ng
RT: 16.863 min Scan# 2342
Delta R.T. 0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:266 Resp: 503982

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.3	76.9
264	63.8	50.6	76.0



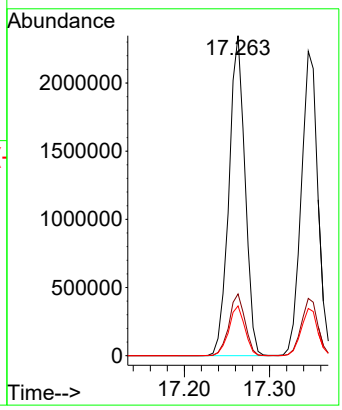


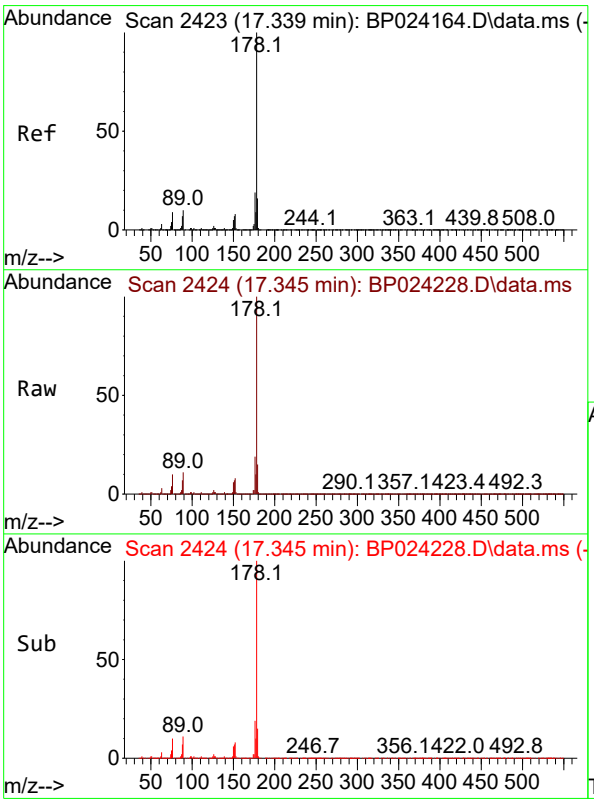
#71
Phenanthrene
Concen: 40.902 ng
RT: 17.263 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 3083668

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

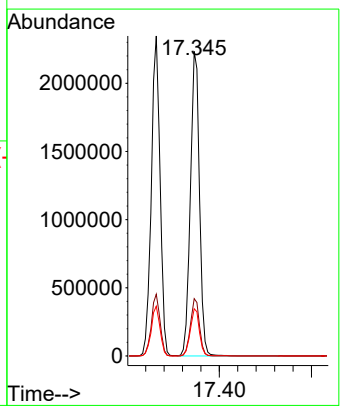


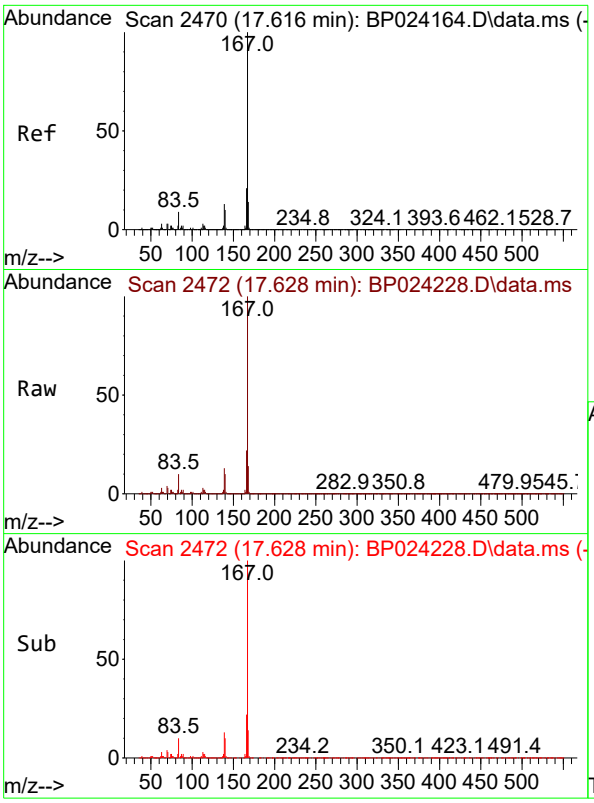


#72
Anthracene
Concen: 41.398 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:178 Resp: 3039833

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.5	12.6	18.8



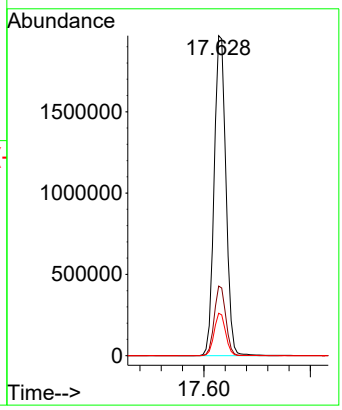


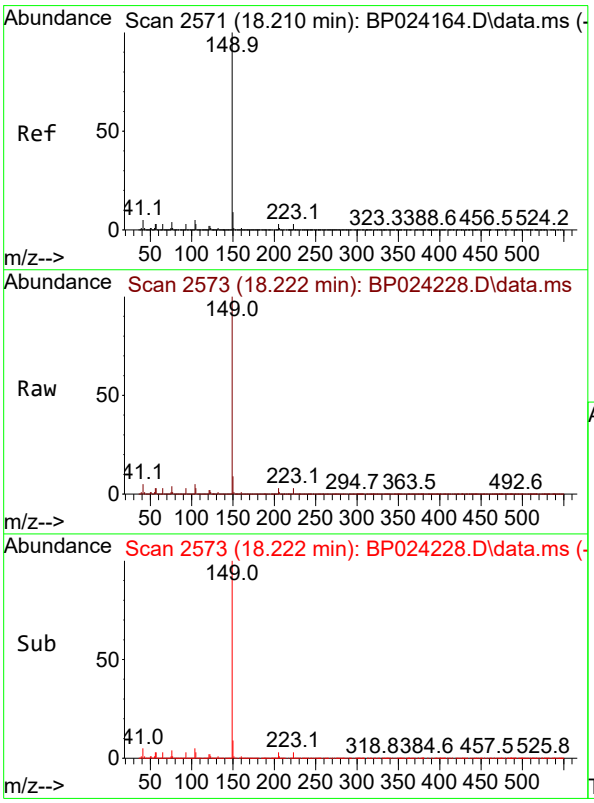
#73
Carbazole
Concen: 42.549 ng
RT: 17.628 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 3013012

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.3	10.2	15.4

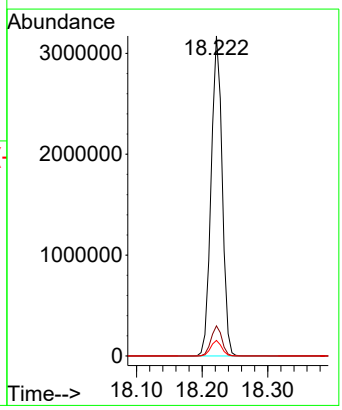


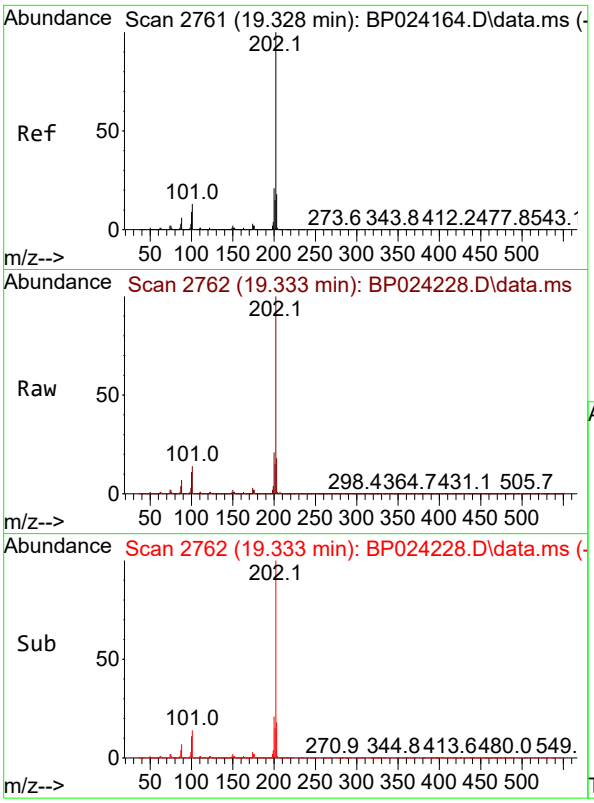


#74
Di-n-butylphthalate
Concen: 44.147 ng
RT: 18.222 min Scan# 2573
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:149 Resp: 3711096

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.8	3.9	5.9



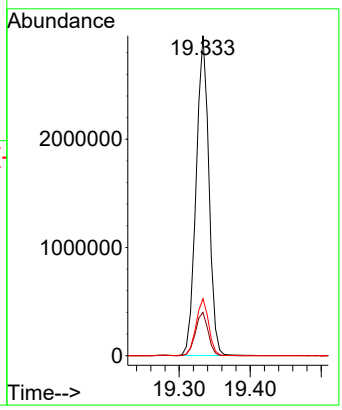


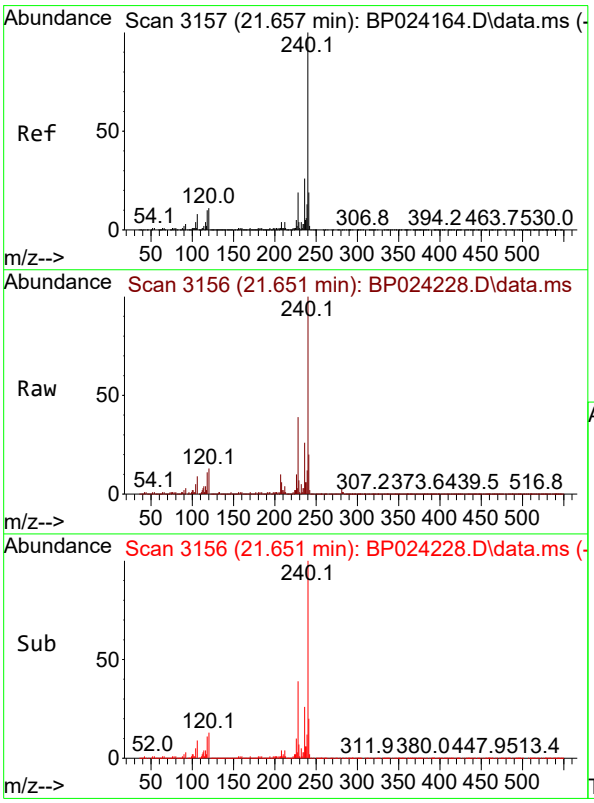
#75
Fluoranthene
Concen: 42.341 ng
RT: 19.333 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3697085

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.5
203	17.7	0.0	37.9

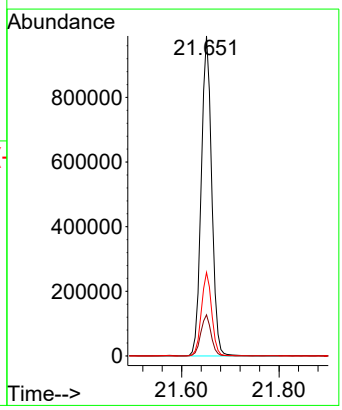


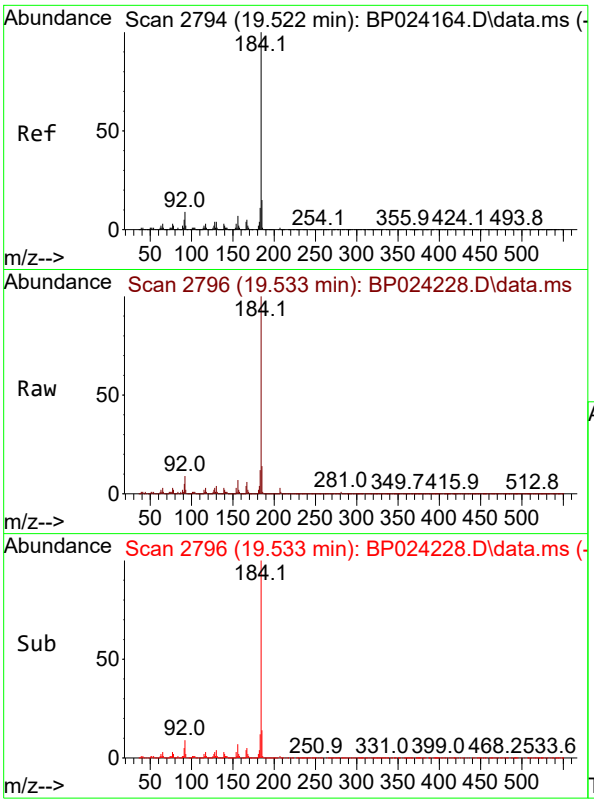


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:240 Resp: 1470276

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.2	13.8
236	26.1	20.4	30.6



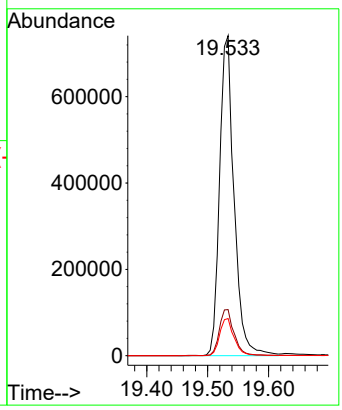


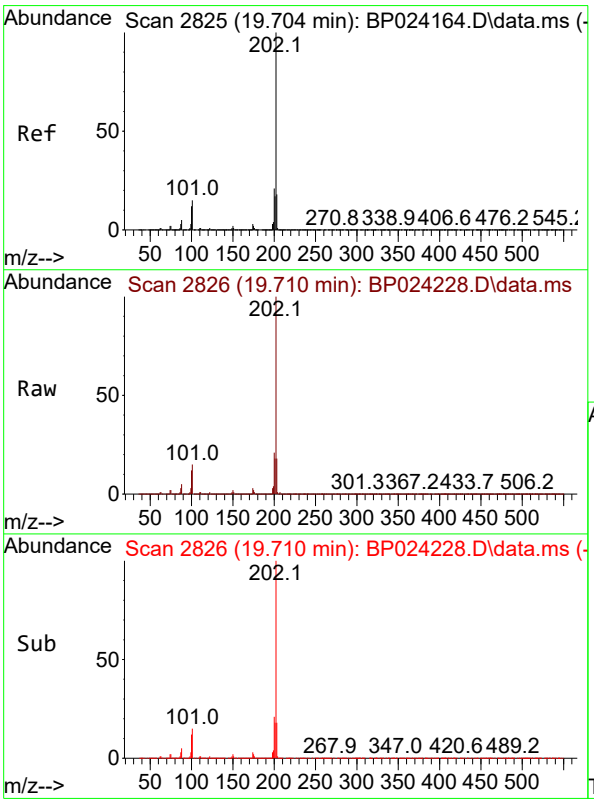
#77
Benzidine
Concen: 76.030 ng
RT: 19.533 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1222191

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.6
183	11.6	9.1	13.7

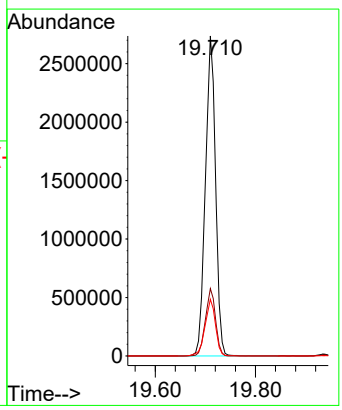


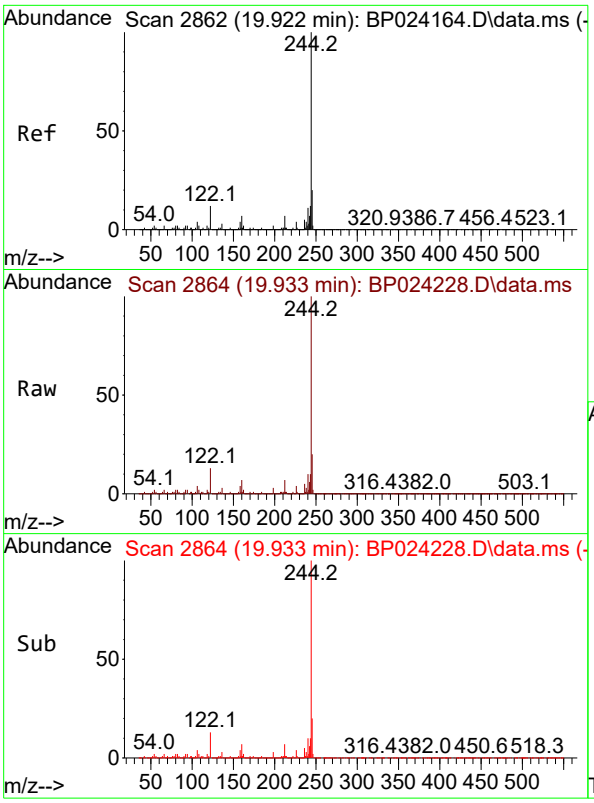


#78
Pyrene
Concen: 42.301 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:202 Resp: 3866558

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.7	14.2	21.4



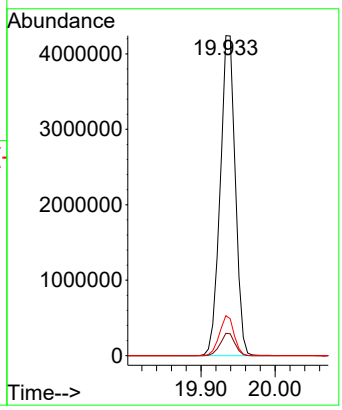


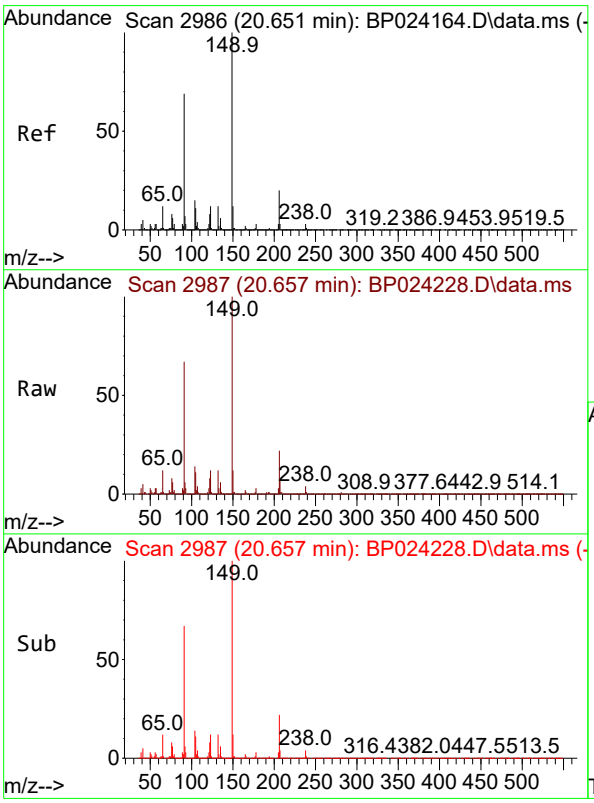
#79
Terphenyl-d14
Concen: 84.151 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 5993823

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.5	9.6	14.4

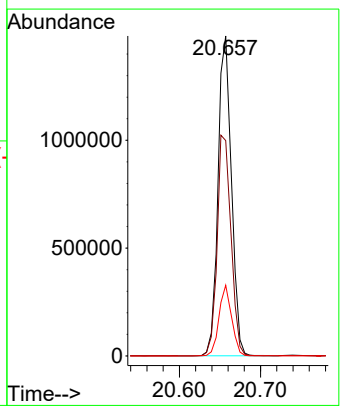


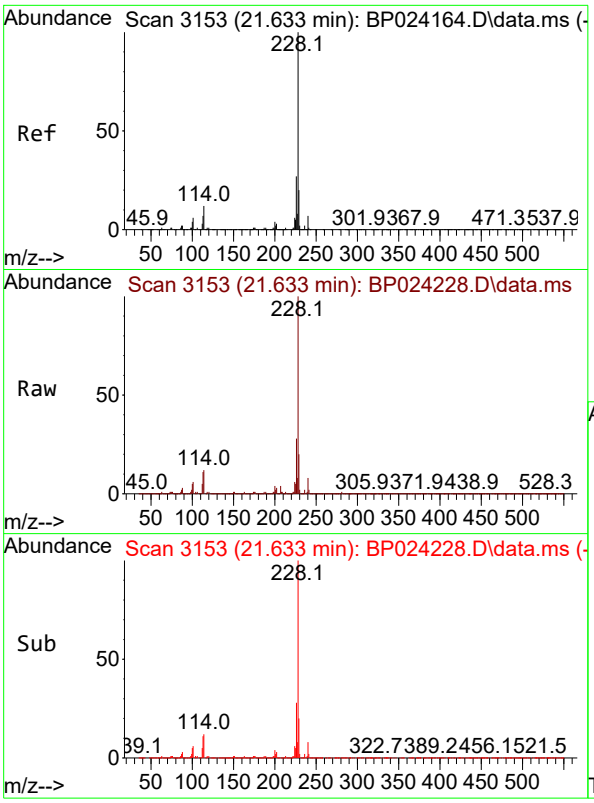


#80
Butylbenzylphthalate
Concen: 45.164 ng
RT: 20.657 min Scan# 2987
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:149 Resp: 1702434

Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.3	82.9
206	22.1	16.1	24.1



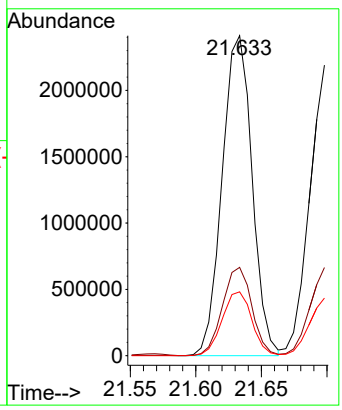


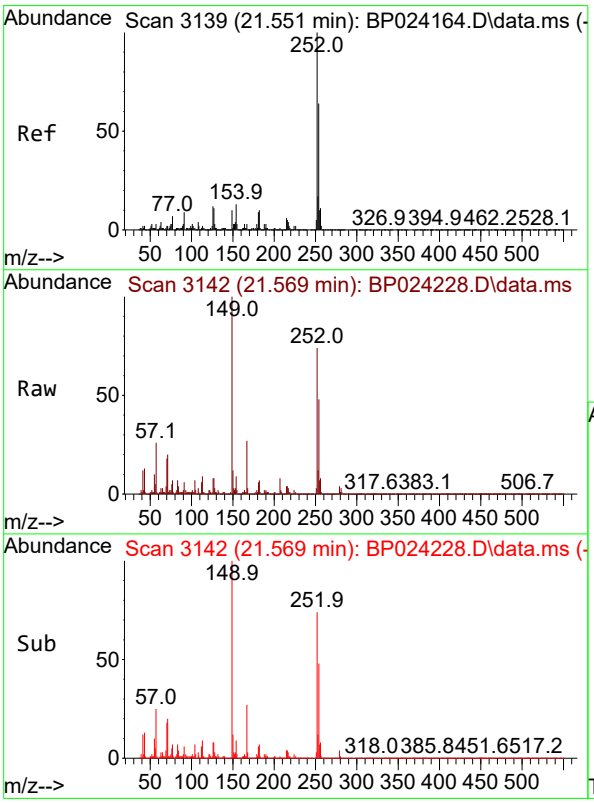
#81
Benzo(a)anthracene
Concen: 41.922 ng
RT: 21.633 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3832104

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.0	16.0	24.0

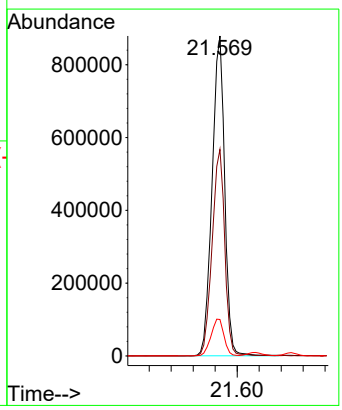


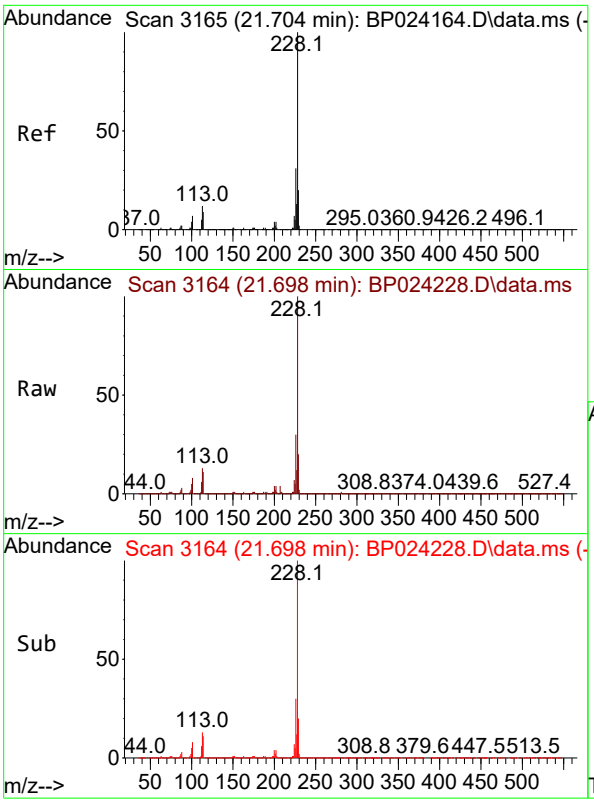


#82
3,3'-Dichlorobenzidine
Concen: 45.751 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:252 Resp: 1401662

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	11.4	9.3	13.9



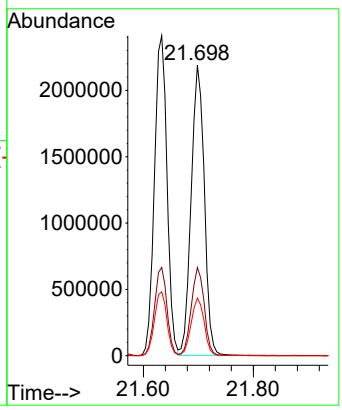


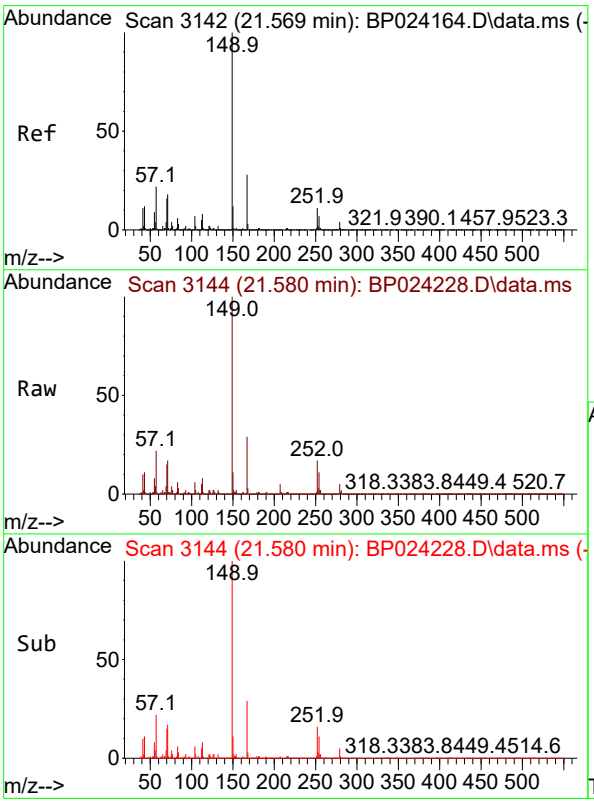
#83
Chrysene
Concen: 41.358 ng
RT: 21.698 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3634359

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.8	16.2	24.2

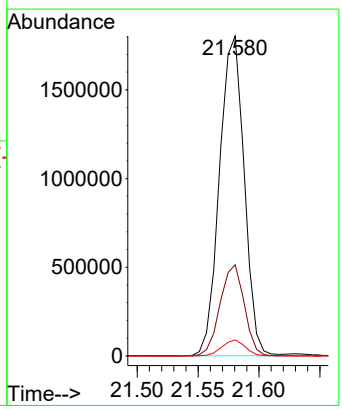


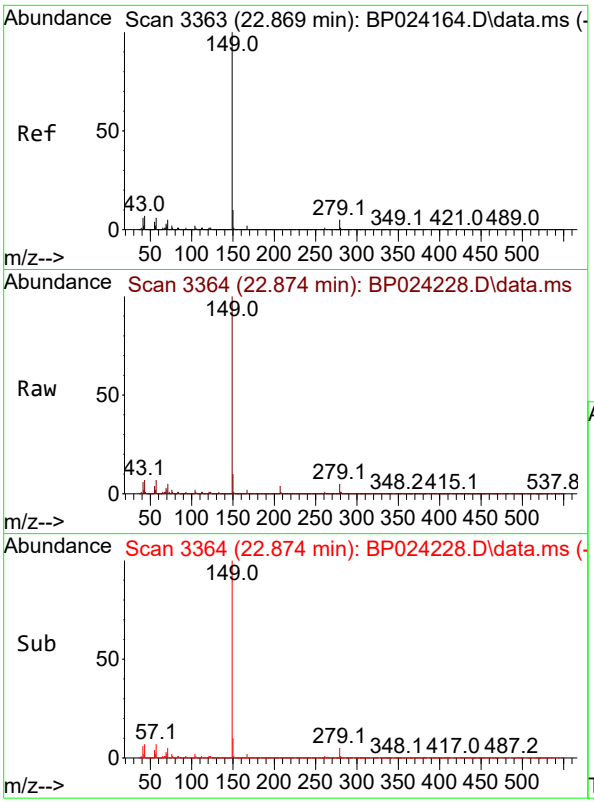


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.781 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:149 Resp: 2547023

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.5	33.7
279	5.1	3.6	5.4



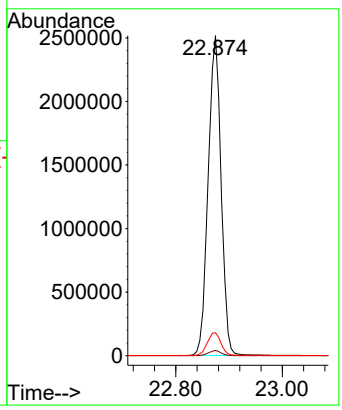


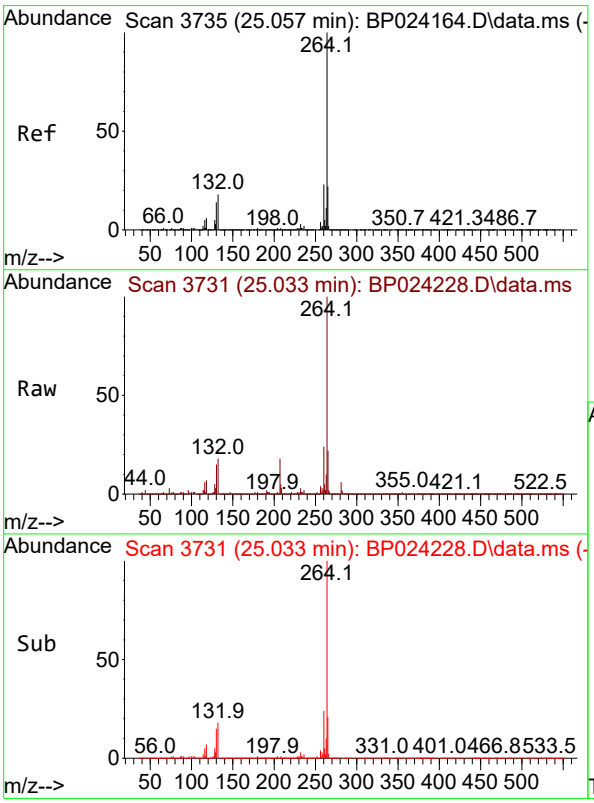
#85
Di-n-octyl phthalate
Concen: 46.485 ng
RT: 22.874 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 4236142

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	5.8	8.8

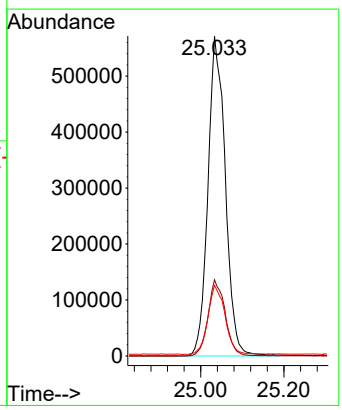


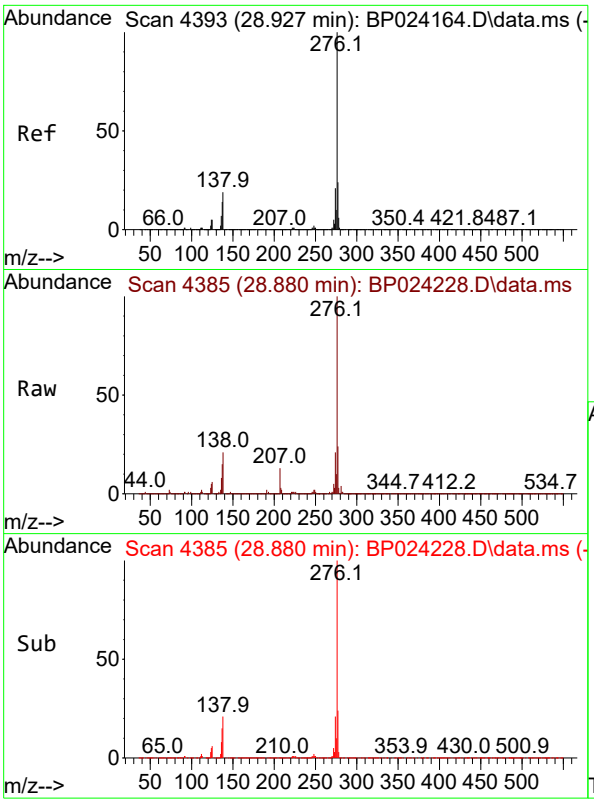


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 3731
Delta R.T. -0.024 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:264 Resp: 1654294

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.0	17.7	26.5



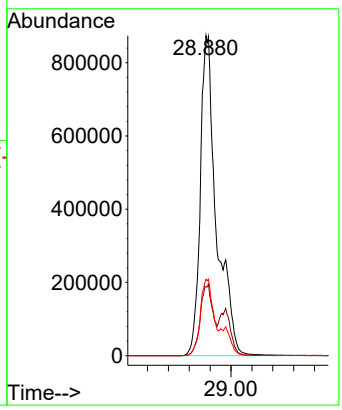


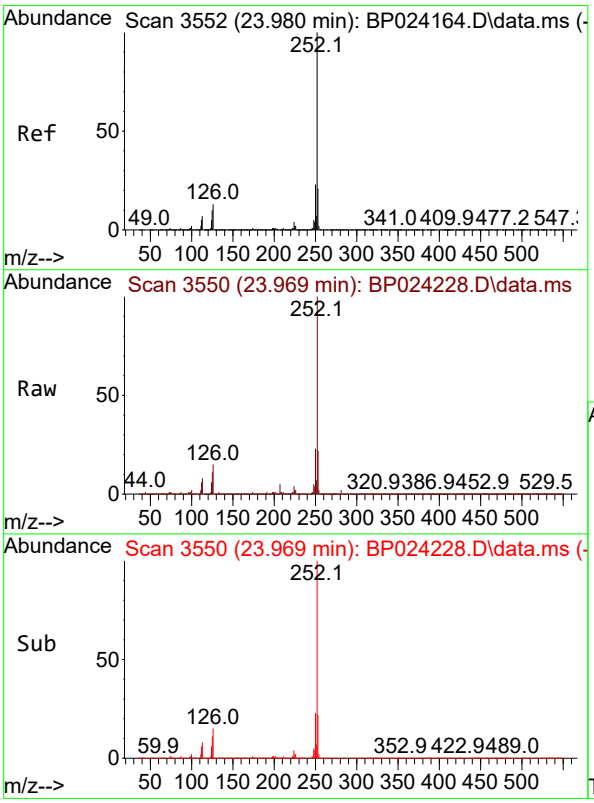
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.000 ng m
RT: 28.880 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 4733755

Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.7	20.5
277	19.2	20.2	30.2#

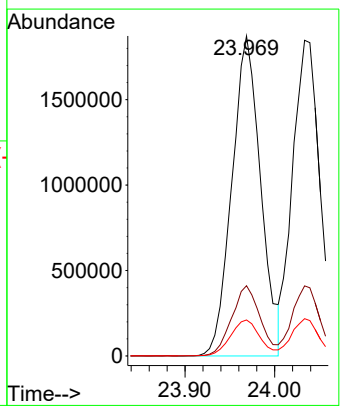


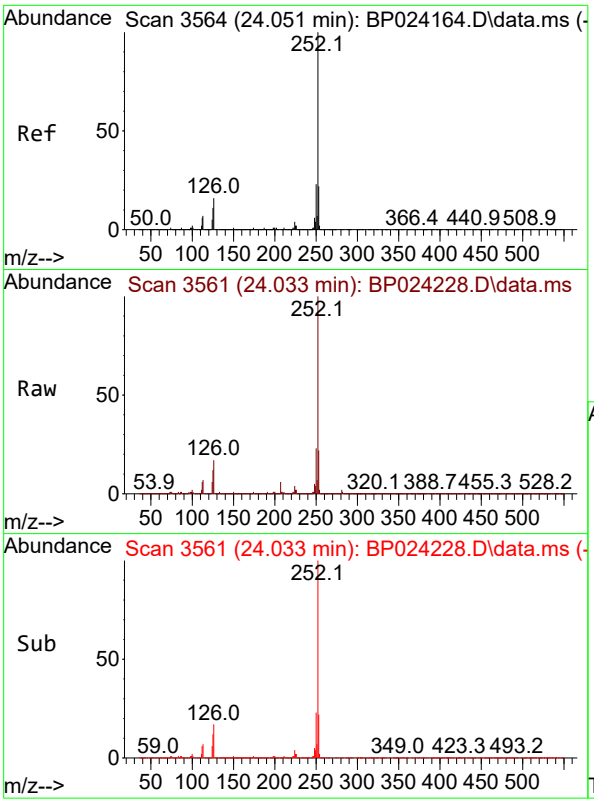


#88
Benzo(b)fluoranthene
Concen: 41.876 ng
RT: 23.969 min Scan# 3550
Delta R.T. -0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:252 Resp: 4176870

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.3	8.2	12.4



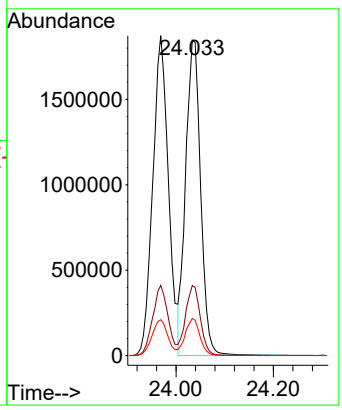


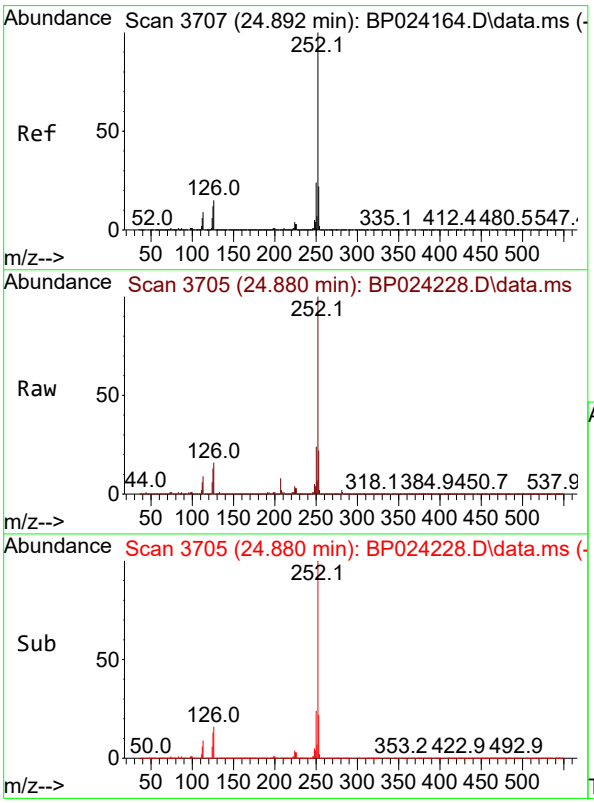
#89
Benzo(k)fluoranthene
Concen: 40.442 ng
RT: 24.033 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 3945832

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.8	9.1	13.7

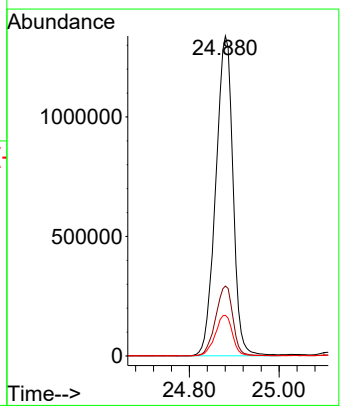


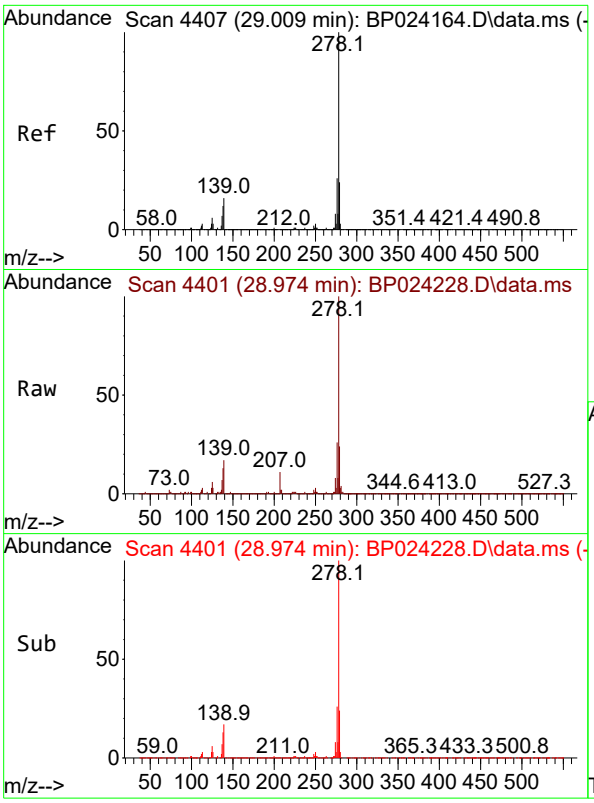


#90
Benzo(a)pyrene
Concen: 41.248 ng
RT: 24.880 min Scan# 3705
Delta R.T. -0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:252 Resp: 3577625

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.7	9.6	14.4



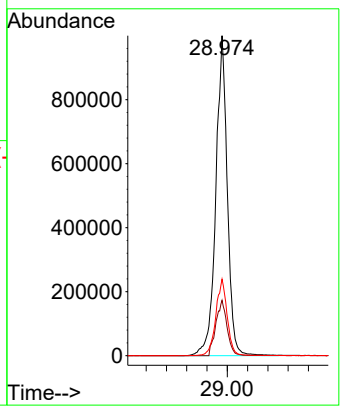


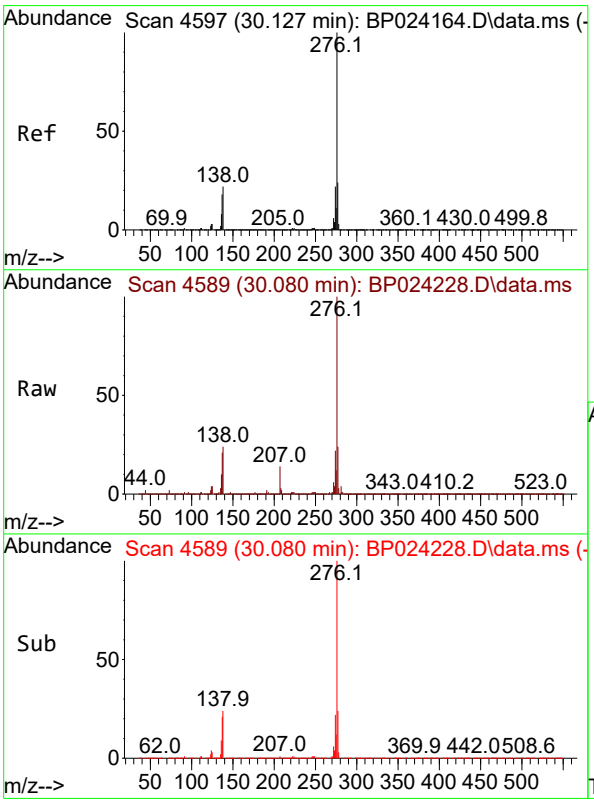
#91
Dibenzo(a,h)anthracene
Concen: 41.000 ng
RT: 28.974 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 3938270

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.0	19.4
279	23.9	18.8	28.2

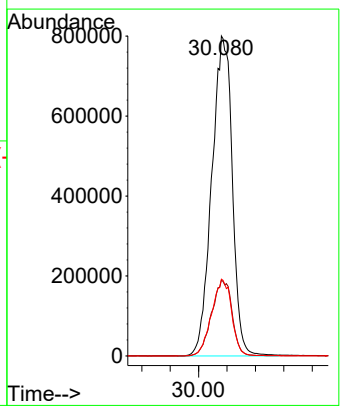




#92
Benzo(g,h,i)perylene
Concen: 41.010 ng
RT: 30.080 min Scan# 4589
Delta R.T. -0.047 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:276 Resp: 4004395

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	24.0	17.4	26.2



Sample Results: **BP024228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	77	0.00
2		1,4-Dioxane	0.497	0.516	-3.8	84	0.00
3		Pyridine	1.358	1.429	-5.2	83	0.00
4		n-Nitrosodimethylamine	0.454	0.462	-1.8	82	0.00
5	S	2-Fluorophenol	1.253	1.307	-4.3	83	0.00
6		Aniline	1.527	1.597	-4.6	82	0.00
7	S	Phenol-d6	1.675	1.739	-3.8	82	0.00
8		2-Chlorophenol	1.353	1.387	-2.5	81	0.00
9		Benzaldehyde	0.809	0.769	4.9	76	0.00
10	C	Phenol	1.691	1.750	-3.5	82	0.00
11		bis(2-Chloroethyl)ether	1.334	1.368	-2.5	82	0.00
12		1,3-Dichlorobenzene	1.459	1.483	-1.6	82	0.00
13	C	1,4-Dichlorobenzene	1.490	1.504	-0.9	82	0.00
14		1,2-Dichlorobenzene	1.430	1.430	0.0	81	0.00
15		Benzyl Alcohol	1.061	1.115	-5.1	82	0.00
16		2,2'-oxybis(1-Chloropropane	1.361	1.437	-5.6	85	-0.01
17		2-Methylphenol	1.061	1.121	-5.7	83	0.00
18		Hexachloroethane	0.529	0.541	-2.3	82	0.00
19	P	n-Nitroso-di-n-propylamine	0.972	1.033	-6.3	82	0.00
20		3+4-Methylphenols	1.457	1.527	-4.8	82	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	76	0.00
22		Acetophenone	0.506	0.525	-3.8	81	0.00
23	S	Nitrobenzene-d5	0.354	0.378	-6.8	82	0.00
24		Nitrobenzene	0.350	0.372	-6.3	83	0.00
25		Isophorone	0.608	0.657	-8.1	83	0.00
26	C	2-Nitrophenol	0.167	0.185	-10.8	82	0.00
27		2,4-Dimethylphenol	0.215	0.225	-4.7	80	0.00
28		bis(2-Chloroethoxy)methane	0.427	0.449	-5.2	82	0.00
29	C	2,4-Dichlorophenol	0.291	0.311	-6.9	80	0.00
30		1,2,4-Trichlorobenzene	0.321	0.325	-1.2	79	0.00
31		Naphthalene	1.060	1.100	-3.8	81	0.00
32		Benzoic acid	0.209	0.255	-22.0	89	-0.01
33		4-Chloroaniline	0.379	0.401	-5.8	81	0.00
34	C	Hexachlorobutadiene	0.185	0.185	0.0	79	0.00
35		Caprolactam	0.095	0.110	-15.8	86	0.00
36	C	4-Chloro-3-methylphenol	0.313	0.341	-8.9	83	0.00
37		2-Methylnaphthalene	0.716	0.745	-4.1	81	0.00
38		1-Methylnaphthalene	0.697	0.719	-3.2	81	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	77	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.583	-0.9	80	0.00
41	P	Hexachlorocyclopentadiene	0.208	0.215	-3.4	78	0.00
42	S	2,4,6-Tribromophenol	0.252	0.271	-7.5	82	0.01
43	C	2,4,6-Trichlorophenol	0.367	0.387	-5.4	80	0.00
44		2,4,5-Trichlorophenol	0.403	0.426	-5.7	80	0.00
45	S	2-Fluorobiphenyl	1.356	1.365	-0.7	79	0.00
46		1,1'-Biphenyl	1.503	1.538	-2.3	81	0.00
47		2-Chloronaphthalene	1.130	1.141	-1.0	80	0.00

Sample Results: **BP024228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	0.329	-13.8	86	0.00
49		Acenaphthylene	1.710	1.788	-4.6	82	0.00
50		Dimethylphthalate	1.399	1.466	-4.8	83	0.00
51		2,6-Dinitrotoluene	0.294	0.319	-8.5	83	0.00
52	C	Acenaphthene	1.093	1.131	-3.5	82	0.00
53		3-Nitroaniline	0.318	0.355	-11.6	84	0.00
54	P	2,4-Dinitrophenol	0.156	0.179	-14.7	86	0.00
55		Dibenzofuran	1.770	1.819	-2.8	81	0.00
56	P	4-Nitrophenol	0.266	0.308	-15.8	85	0.00
57		2,4-Dinitrotoluene	0.389	0.439	-12.9	85	0.00
58		Fluorene	1.379	1.420	-3.0	81	0.00
59		2,3,4,6-Tetrachlorophenol	0.356	0.377	-5.9	81	0.00
60		Diethylphthalate	1.394	1.496	-7.3	84	0.01
61		4-Chlorophenyl-phenylether	0.676	0.681	-0.7	79	0.01
62		4-Nitroaniline	0.334	0.374	-12.0	83	0.00
63		Azobenzene	1.314	1.424	-8.4	84	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	80	0.02
65		4,6-Dinitro-2-methylphenol	0.119	0.126	-5.9	84	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.626	-3.1	84	0.01
67		4-Bromophenyl-phenylether	0.220	0.220	0.0	81	0.00
68		Hexachlorobenzene	0.260	0.261	-0.4	82	0.01
69		Atrazine	0.147	0.157	-6.8	93	0.01
70	C	Pentachlorophenol	0.168	0.183	-8.9	83	0.02
71		Phenanthrene	1.093	1.117	-2.2	83	0.02
72		Anthracene	1.064	1.101	-3.5	83	0.00
73		Carbazole	1.026	1.092	-6.4	84	0.01
74		Di-n-butylphthalate	1.218	1.345	-10.4	86	0.01
75	C	Fluoranthene	1.265	1.339	-5.8	85	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	78	0.00
77		Benzidine	0.219	0.416	-90.0#	126	0.01
78		Pyrene	1.243	1.315	-5.8	85	0.00
79	S	Terphenyl-d14	0.969	1.019	-5.2	84	0.01
80		Butylbenzylphthalate	0.513	0.579	-12.9	86	0.00
81		Benzo(a)anthracene	1.243	1.303	-4.8	84	0.00
82		3,3'-Dichlorobenzidine	0.417	0.477	-14.4	87	0.02
83		Chrysene	1.195	1.236	-3.4	83	0.00
84		Bis(2-ethylhexyl)phthalate	0.774	0.866	-11.9	85	0.01
85	c	Di-n-octyl phthalate	1.240	1.441	-16.2	88	0.00
86	I	Perylene-d12	1.000	1.000	0.0	81	-0.02
87		Indeno(1,2,3-cd)pyrene	1.396	1.431	-2.5	85	-0.05
88		Benzo(b)fluoranthene	1.206	1.262	-4.6	86	-0.01
89		Benzo(k)fluoranthene	1.180	1.193	-1.1	85	-0.02
90	C	Benzo(a)pyrene	1.049	1.081	-3.1	85	-0.01
91		Dibenzo(a,h)anthracene	1.161	1.190	-2.5	85	-0.04
92		Benzo(g,h,i)perylene	1.180	1.210	-2.5	85	-0.05

Sample Results: **BP024228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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: **BP024228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	77	0.00
2		1,4-Dioxane	40.000	41.527	-3.8	84	0.00
3		Pyridine	40.000	42.089	-5.2	83	0.00
4		n-Nitrosodimethylamine	40.000	40.754	-1.9	82	0.00
5	S	2-Fluorophenol	80.000	83.438	-4.3	83	0.00
6		Aniline	40.000	41.835	-4.6	82	0.00
7	S	Phenol-d6	80.000	83.042	-3.8	82	0.00
8		2-Chlorophenol	40.000	40.993	-2.5	81	0.00
9		Benzaldehyde	40.000	38.053	4.9	76	0.00
10	C	Phenol	40.000	41.378	-3.4	82	0.00
11		bis(2-Chloroethyl)ether	40.000	41.038	-2.6	82	0.00
12		1,3-Dichlorobenzene	40.000	40.649	-1.6	82	0.00
13	C	1,4-Dichlorobenzene	40.000	40.368	-0.9	82	0.00
14		1,2-Dichlorobenzene	40.000	39.998	0.0	81	0.00
15		Benzyl Alcohol	40.000	42.039	-5.1	82	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	42.222	-5.6	85	-0.01
17		2-Methylphenol	40.000	42.275	-5.7	83	0.00
18		Hexachloroethane	40.000	40.961	-2.4	82	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	42.523	-6.3	82	0.00
20		3+4-Methylphenols	40.000	41.913	-4.8	82	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	76	0.00
22		Acetophenone	40.000	41.530	-3.8	81	0.00
23	S	Nitrobenzene-d5	80.000	85.391	-6.7	82	0.00
24		Nitrobenzene	40.000	42.572	-6.4	83	0.00
25		Isophorone	40.000	43.243	-8.1	83	0.00
26	C	2-Nitrophenol	40.000	44.182	-10.5	82	0.00
27		2,4-Dimethylphenol	40.000	41.973	-4.9	80	0.00
28		bis(2-Chloroethoxy)methane	40.000	42.043	-5.1	82	0.00
29	C	2,4-Dichlorophenol	40.000	42.809	-7.0	80	0.00
30		1,2,4-Trichlorobenzene	40.000	40.549	-1.4	79	0.00
31		Naphthalene	40.000	41.488	-3.7	81	0.00
32		Benzoic acid	40.000	48.635	-21.6	89	-0.01
33		4-Chloroaniline	40.000	42.261	-5.7	81	0.00
34	C	Hexachlorobutadiene	40.000	40.101	-0.3	79	0.00
35		Caprolactam	40.000	46.011	-15.0	86	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.485	-8.7	83	0.00
37		2-Methylnaphthalene	40.000	41.629	-4.1	81	0.00
38		1-Methylnaphthalene	40.000	41.312	-3.3	81	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	77	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.347	-0.9	80	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.311	-3.3	78	0.00
42	S	2,4,6-Tribromophenol	80.000	86.150	-7.7	82	0.01
43	C	2,4,6-Trichlorophenol	40.000	42.177	-5.4	80	0.00
44		2,4,5-Trichlorophenol	40.000	42.299	-5.7	80	0.00
45	S	2-Fluorobiphenyl	80.000	80.493	-0.6	79	0.00
46		1,1'-Biphenyl	40.000	40.942	-2.4	81	0.00
47		2-Chloronaphthalene	40.000	40.362	-0.9	80	0.00

Sample Results: **BP024228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	45.470	-13.7	86	0.00
49		Acenaphthylene	40.000	41.802	-4.5	82	0.00
50		Dimethylphthalate	40.000	41.901	-4.8	83	0.00
51		2,6-Dinitrotoluene	40.000	43.271	-8.2	83	0.00
52	C	Acenaphthene	40.000	41.411	-3.5	82	0.00
53		3-Nitroaniline	40.000	44.593	-11.5	84	0.00
54	P	2,4-Dinitrophenol	40.000	45.859	-14.6	86	0.00
55		Dibenzofuran	40.000	41.102	-2.8	81	0.00
56	P	4-Nitrophenol	40.000	46.371	-15.9	85	0.00
57		2,4-Dinitrotoluene	40.000	45.191	-13.0	85	0.00
58		Fluorene	40.000	41.183	-3.0	81	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.344	-5.9	81	0.00
60		Diethylphthalate	40.000	42.942	-7.4	84	0.01
61		4-Chlorophenyl-phenylether	40.000	40.284	-0.7	79	0.01
62		4-Nitroaniline	40.000	44.847	-12.1	83	0.00
63		Azobenzene	40.000	43.353	-8.4	84	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	80	0.02
65		4,6-Dinitro-2-methylphenol	40.000	42.395	-6.0	84	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.235	-3.1	84	0.01
67		4-Bromophenyl-phenylether	40.000	40.028	-0.1	81	0.00
68		Hexachlorobenzene	40.000	40.119	-0.3	82	0.01
69		Atrazine	40.000	42.859	-7.1	93	0.01
70	C	Pentachlorophenol	40.000	43.456	-8.6	83	0.02
71		Phenanthrene	40.000	40.902	-2.3	83	0.02
72		Anthracene	40.000	41.398	-3.5	83	0.00
73		Carbazole	40.000	42.549	-6.4	84	0.01
74		Di-n-butylphthalate	40.000	44.147	-10.4	86	0.01
75	C	Fluoranthene	40.000	42.341	-5.9	85	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	78	0.00
77		Benzidine	40.000	76.030	-90.1#	126	0.01
78		Pyrene	40.000	42.301	-5.8	85	0.00
79	S	Terphenyl-d14	80.000	84.151	-5.2	84	0.01
80		Butylbenzylphthalate	40.000	45.164	-12.9	86	0.00
81		Benzo(a)anthracene	40.000	41.922	-4.8	84	0.00
82		3,3'-Dichlorobenzidine	40.000	45.751	-14.4	87	0.02
83		Chrysene	40.000	41.358	-3.4	83	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.781	-12.0	85	0.01
85	c	Di-n-octyl phthalate	40.000	46.485	-16.2	88	0.00
86	I	Perylene-d12	20.000	20.000	0.0	81	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	41.000	-2.5	85	-0.05
88		Benzo(b)fluoranthene	40.000	41.876	-4.7	86	-0.01
89		Benzo(k)fluoranthene	40.000	40.442	-1.1	85	-0.02
90	C	Benzo(a)pyrene	40.000	41.248	-3.1	85	-0.01
91		Dibenzo(a,h)anthracene	40.000	41.000	-2.5	85	-0.04
92		Benzo(g,h,i)perylene	40.000	41.010	-2.5	85	-0.05

Sample Results: **BP024228.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG No.: Q1730

Instrument ID: BNA_P Calibration Date/Time: 04/09/2025 20:24

Lab File ID: BP024243.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.253	1.314		4.9	50.0
Phenol-d6	1.675	1.750		4.5	50.0
Nitrobenzene-d5	0.354	0.369		4.2	50.0
Naphthalene	1.060	1.091		2.9	50.0
2-Methylnaphthalene	0.716	0.753		5.2	50.0
2-Fluorobiphenyl	1.356	1.326		-2.2	50.0
Acenaphthylene	1.710	1.796		5.0	50.0
Acenaphthene	1.093	1.121		2.6	50.0
Fluorene	1.379	1.424		3.3	50.0
2,4,6-Tribromophenol	0.252	0.290		15.1	50.0
Phenanthrene	1.093	1.106		1.2	50.0
Anthracene	1.064	1.103		3.7	50.0
Fluoranthene	1.265	1.324		4.7	50.0
Pyrene	1.243	1.354		8.9	50.0
Terphenyl-d14	0.969	1.033		6.6	50.0
Benzo(a)anthracene	1.243	1.312		5.6	50.0
Chrysene	1.195	1.232		3.1	50.0
Benzo(b)fluoranthene	1.206	1.190		-1.3	50.0
Benzo(k)fluoranthene	1.180	1.144		-3.1	50.0
Benzo(a)pyrene	1.049	1.077		2.7	50.0
Indeno(1,2,3-cd)pyrene	1.396	1.453		4.1	50.0
Dibenzo(a,h)anthracene	1.161	1.199		3.3	50.0
Benzo(g,h,i)perylene	1.180	1.217		3.1	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	287084	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1167629	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	745990	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1461391	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	1456577	20.000	ng	-0.03
86) Perylene-d12	24.980	264	1774706	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1509234	83.918	ng	-0.02
7) Phenol-d6	6.928	99	2009634	83.561	ng	-0.02
23) Nitrobenzene-d5	8.893	82	1722757	83.245	ng	-0.03
42) 2,4,6-Tribromophenol	15.898	330	865387	92.095	ng	-0.02
45) 2-Fluorobiphenyl	12.993	172	3956663	78.208	ng	-0.02
79) Terphenyl-d14	19.898	244	6018426	85.292	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	290918	40.808	ng	98
3) Pyridine	3.699	79	790972	40.586	ng	97
4) n-Nitrosodimethylamine	3.605	42	261554	40.177	ng	100
6) Aniline	7.081	93	911265	41.588	ng	98
8) 2-Chlorophenol	7.316	128	807020	41.543	ng	99
9) Benzaldehyde	6.893	77	520280	44.828	ng	98
10) Phenol	6.952	94	1005438	41.412	ng	99
11) bis(2-Chloroethyl)ether	7.175	93	764420	39.926	ng	100
12) 1,3-Dichlorobenzene	7.634	146	855384	40.832	ng	100
13) 1,4-Dichlorobenzene	7.775	146	861602	40.282	ng	98
14) 1,2-Dichlorobenzene	8.093	146	828820	40.380	ng	99
15) Benzyl Alcohol	7.981	79	665865	43.732	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	790420	40.450	ng	97
17) 2-Methylphenol	8.187	107	647425	42.525	ng	99
18) Hexachloroethane	8.816	117	309718	40.814	ng	98
19) n-Nitroso-di-n-propyla...	8.546	70	586911	42.065	ng	99
20) 3+4-Methylphenols	8.510	107	902801	43.162	ng	99
22) Acetophenone	8.557	105	1214940	41.156	ng	99
24) Nitrobenzene	8.934	77	850529	41.661	ng	100
25) Isophorone	9.457	82	1548448	43.649	ng	99
26) 2-Nitrophenol	9.640	139	438933	45.010	ng	99
27) 2,4-Dimethylphenol	9.704	122	540227	43.082	ng	98
28) bis(2-Chloroethoxy)met...	9.934	93	1016244	40.721	ng	100
29) 2,4-Dichlorophenol	10.175	162	738339	43.526	ng	100
30) 1,2,4-Trichlorobenzene	10.387	180	759836	40.543	ng	99
31) Naphthalene	10.575	128	2547078	41.152	ng	100
32) Benzoic acid	9.846	122	652732	53.374	ng	97
33) 4-Chloroaniline	10.681	127	965625	43.595	ng	99
34) Hexachlorobutadiene	10.857	225	438635	40.667	ng	99
35) Caprolactam	11.469	113	275552	49.564	ng	98
36) 4-Chloro-3-methylphenol	11.810	107	842270	46.027	ng	99
37) 2-Methylnaphthalene	12.187	142	1757855	42.040	ng	99
38) 1-Methylnaphthalene	12.404	142	1710995	42.070	ng	100
40) 1,2,4,5-Tetrachloroben...	12.557	216	845975	39.230	ng	100
41) Hexachlorocyclopentadiene	12.540	237	261977	33.703	ng	100
43) 2,4,6-Trichlorophenol	12.798	196	584393	42.642	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

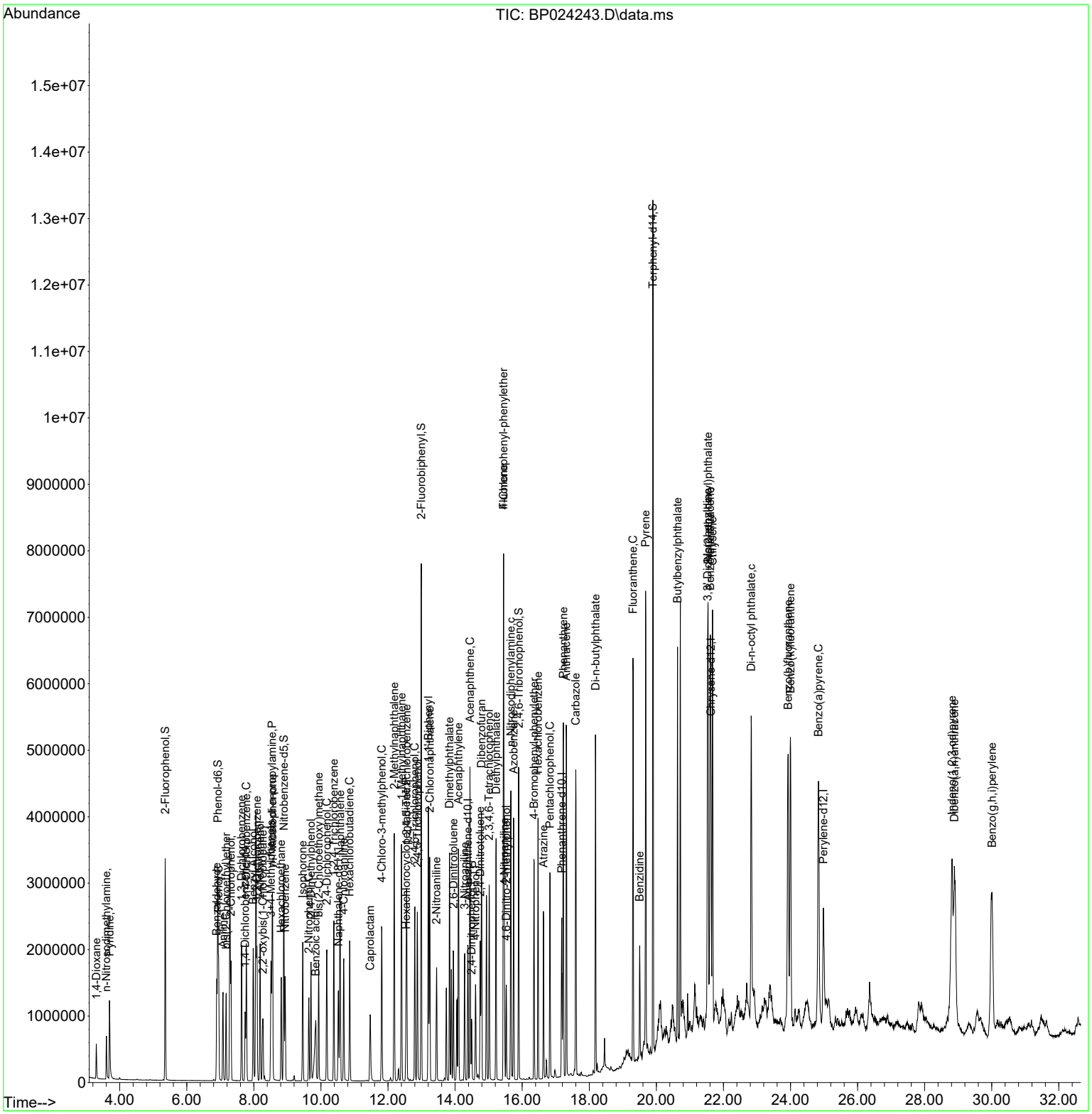
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	644222	42.864	ng	98
46) 1,1'-Biphenyl	13.204	154	2227781	39.741	ng	100
47) 2-Chloronaphthalene	13.245	162	1696678	40.239	ng	99
48) 2-Nitroaniline	13.445	65	497715	46.151	ng	95
49) Acenaphthylene	14.098	152	2680313	42.011	ng	100
50) Dimethylphthalate	13.834	163	2185393	41.867	ng	100
51) 2,6-Dinitrotoluene	13.951	165	474506	43.205	ng	99
52) Acenaphthene	14.445	154	1672351	41.025	ng	99
53) 3-Nitroaniline	14.287	138	528847	44.583	ng	99
54) 2,4-Dinitrophenol	14.492	184	227159	39.089	ng	97
55) Dibenzofuran	14.787	168	2685626	40.673	ng	98
56) 4-Nitrophenol	14.610	139	479403	48.367	ng	100
57) 2,4-Dinitrotoluene	14.751	165	662877	45.693	ng	97
58) Fluorene	15.445	166	2124806	41.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	584379	44.009	ng	100
60) Diethylphthalate	15.222	149	2209545	42.507	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1021081	40.466	ng	99
62) 4-Nitroaniline	15.469	138	573319	46.082	ng	99
63) Azobenzene	15.745	77	2092657	42.713	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	327048	37.697	ng	99
66) n-Nitrosodiphenylamine	15.663	169	1814075	40.878	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	657498	40.979	ng	97
68) Hexachlorobenzene	16.475	284	776475	40.888	ng	99
69) Atrazine	16.634	200	472555	44.117	ng	99
70) Pentachlorophenol	16.828	266	581658	47.363	ng	99
71) Phenanthrene	17.228	178	3232332	40.488	ng	100
72) Anthracene	17.316	178	3223966	41.462	ng	99
73) Carbazole	17.598	167	3196479	42.628	ng	100
74) Di-n-butylphthalate	18.186	149	3903701	43.854	ng	100
75) Fluoranthene	19.304	202	3869566	41.850	ng	99
77) Benzidine	19.504	184	1020809	64.100	ng	99
78) Pyrene	19.680	202	3942980	43.543	ng	100
80) Butylbenzylphthalate	20.633	149	1755848	47.019	ng	97
81) Benzo(a)anthracene	21.610	228	3823065	42.216	ng	100
82) 3,3'-Dichlorobenzidine	21.527	252	1504645	49.574	ng	99
83) Chrysene	21.674	228	3589965	41.237	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	2585259	45.881	ng	99
85) Di-n-octyl phthalate	22.827	149	4463969	49.446	ng	99
87) Indeno(1,2,3-cd)pyrene	28.815	276	5158569	41.648	ng	94
88) Benzo(b)fluoranthene	23.927	252	4222660	39.463	ng	98
89) Benzo(k)fluoranthene	23.998	252	4060841	38.797	ng	99
90) Benzo(a)pyrene	24.833	252	3822119	41.077	ng	100
91) Dibenzo(a,h)anthracene	28.886	278	4255246	41.295	ng	100
92) Benzo(g,h,i)perylene	30.009	276	4320475m	41.245	ng	

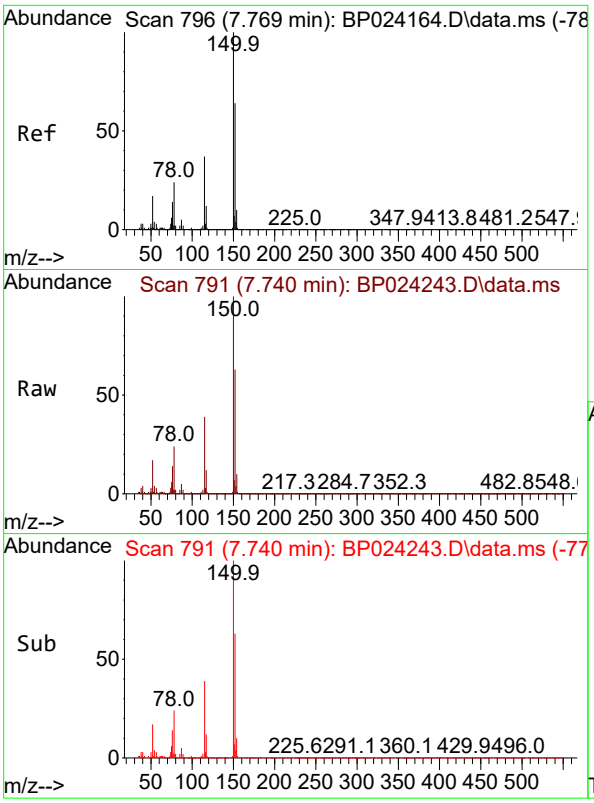
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



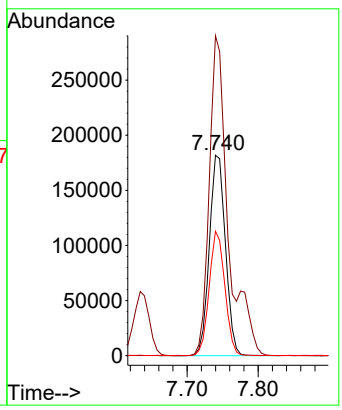


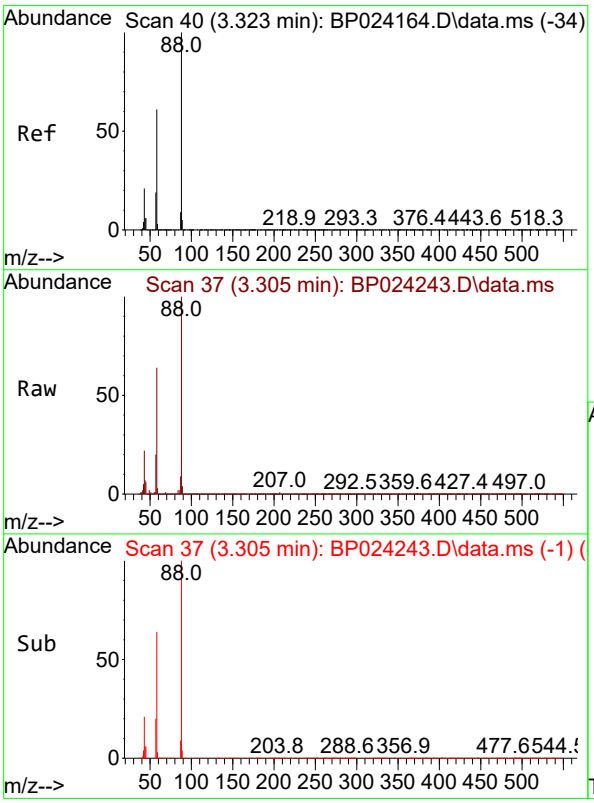
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 287084

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.5	188.3
115	62.1	46.3	69.5

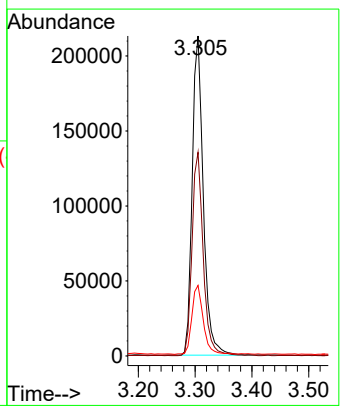


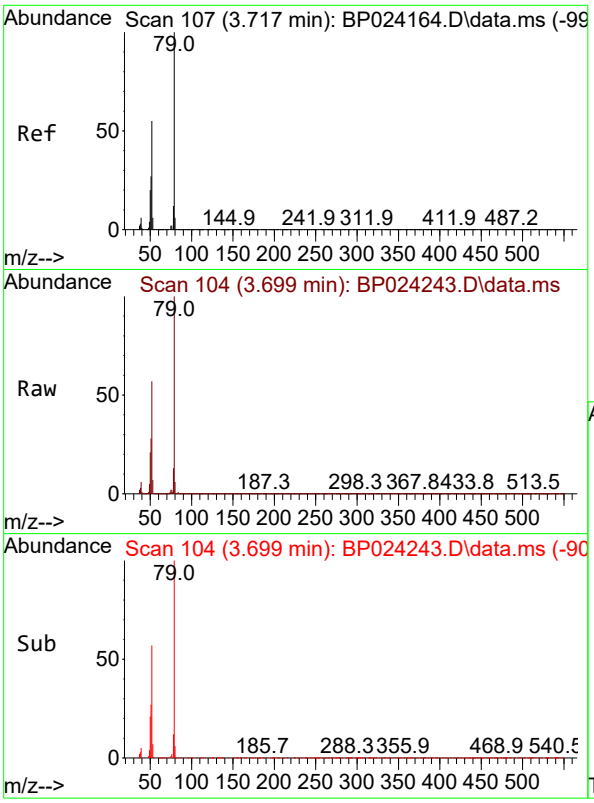


#2
1,4-Dioxane
Concen: 40.808 ng
RT: 3.305 min Scan# 37
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 88 Resp: 290918

Ion	Ratio	Lower	Upper
88	100		
58	64.3	49.8	74.6
43	22.1	17.3	25.9



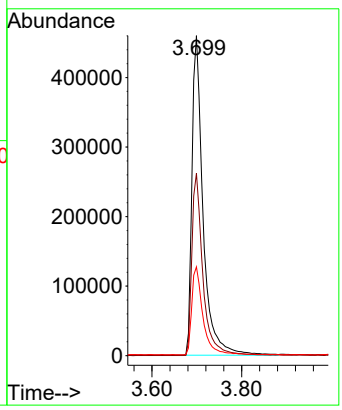


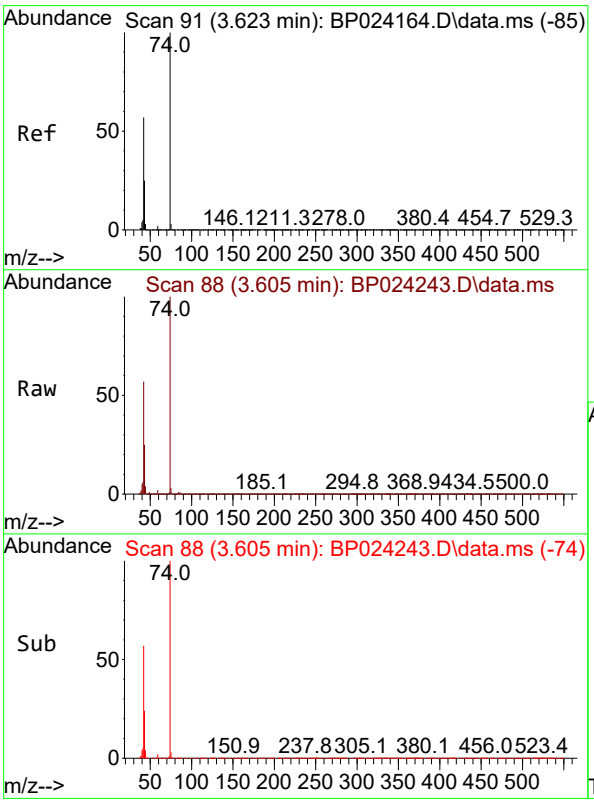
#3
Pyridine
Concen: 40.586 ng
RT: 3.699 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 790972

Ion	Ratio	Lower	Upper
79	100		
52	57.0	43.8	65.8
51	27.8	21.6	32.4

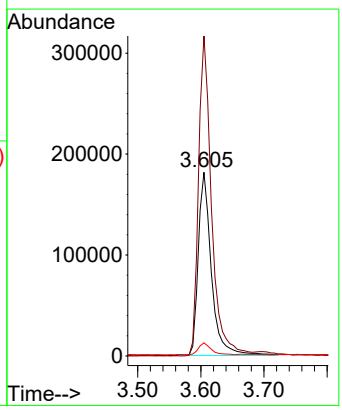


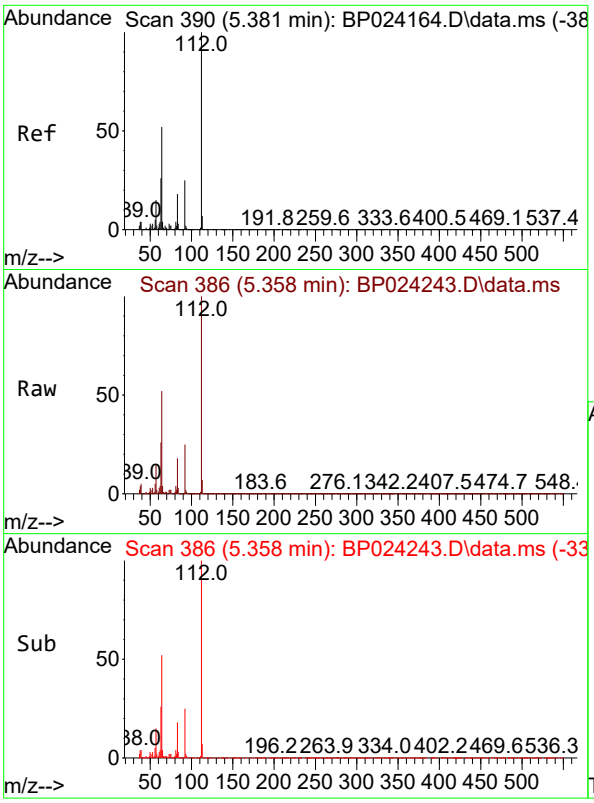


#4
n-Nitrosodimethylamine
Concen: 40.177 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 42 Resp: 261554

Ion	Ratio	Lower	Upper
42	100		
74	174.3	139.8	209.6
44	7.1	5.3	7.9



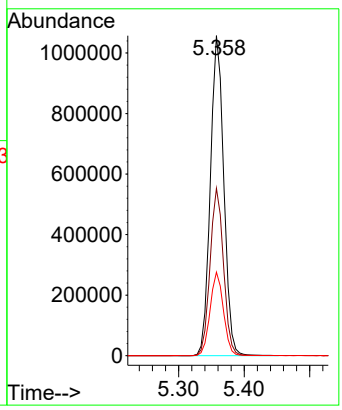


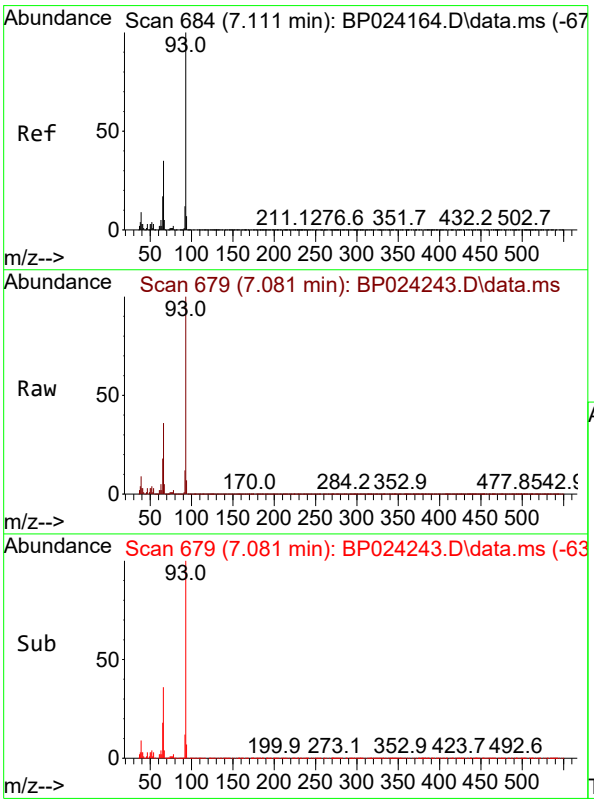
#5
2-Fluorophenol
Concen: 83.918 ng
RT: 5.358 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 1509234

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.3	61.9
63	26.1	20.6	31.0

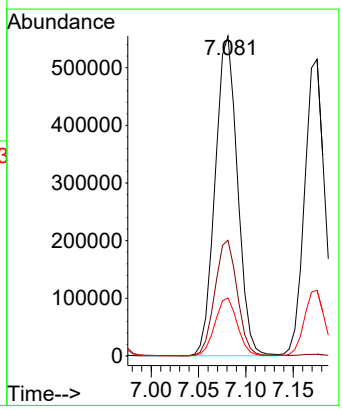


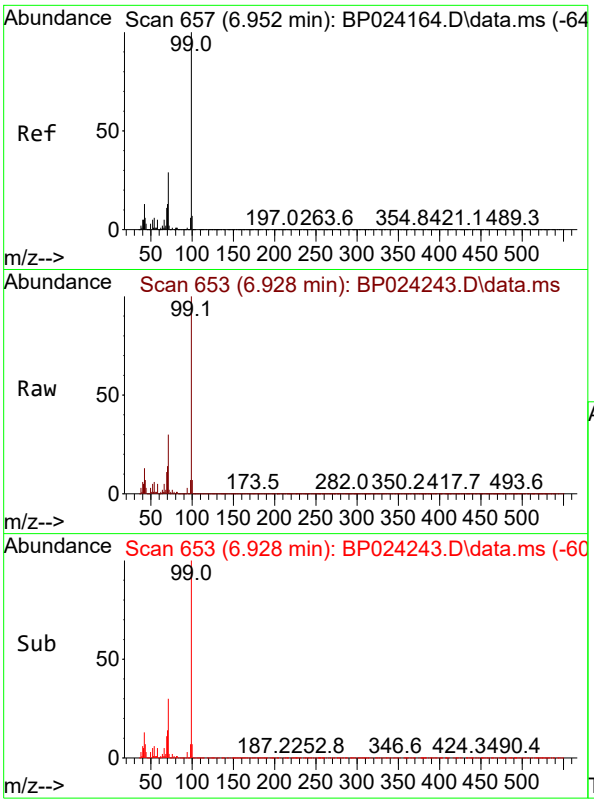


#6
Aniline
Concen: 41.588 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 93 Resp: 911265

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.2	42.2
65	18.2	14.0	21.0



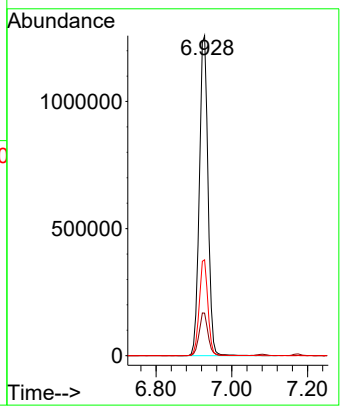


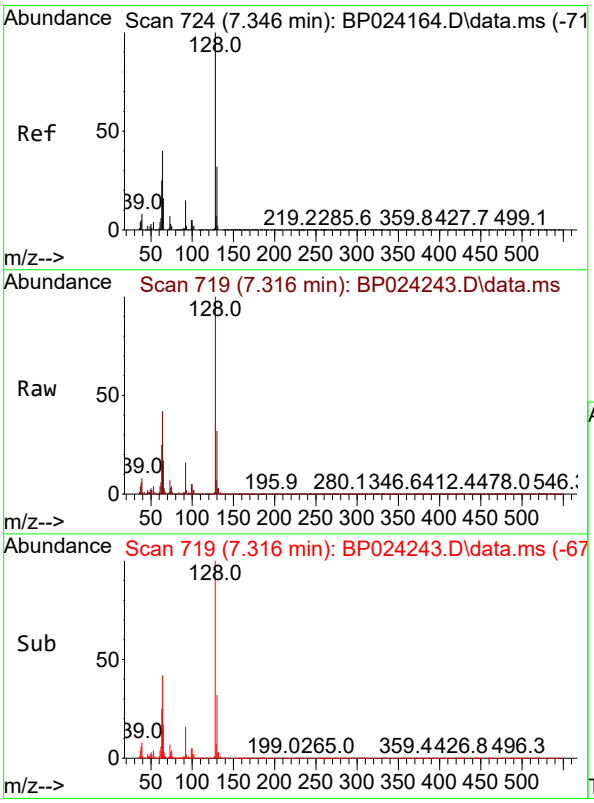
#7
Phenol-d6
Concen: 83.561 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 2009634

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	30.0	23.3	34.9

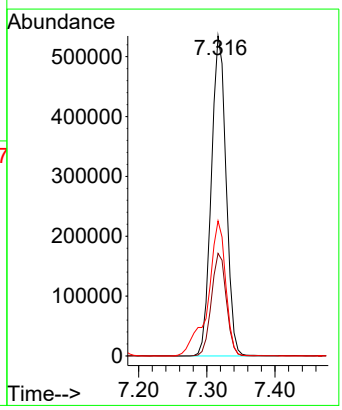


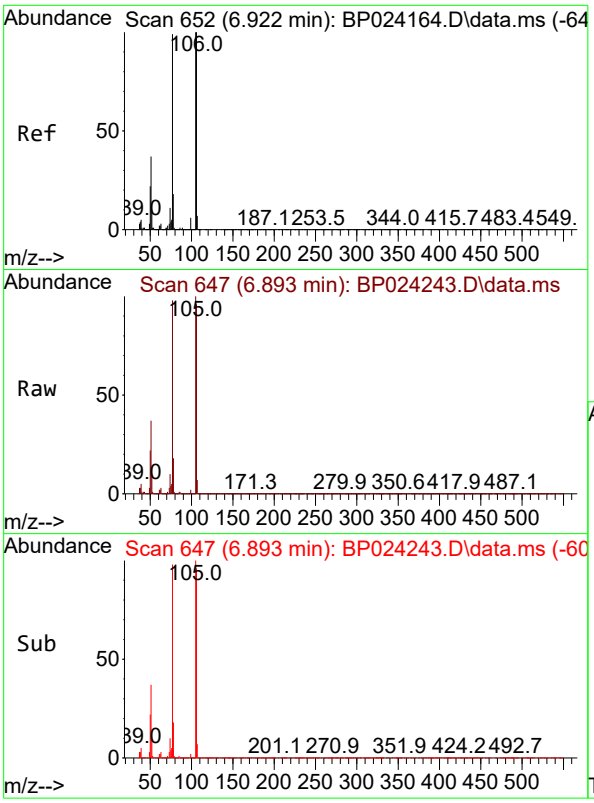


#8
2-Chlorophenol
Concen: 41.543 ng
RT: 7.316 min Scan# 719
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:128 Resp: 807020

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	42.2	21.6	61.6



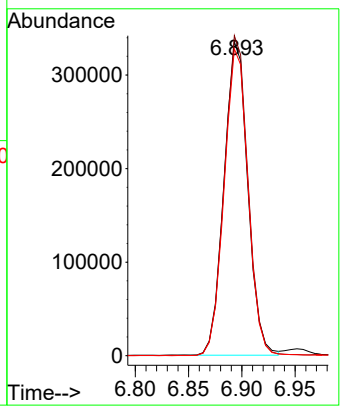


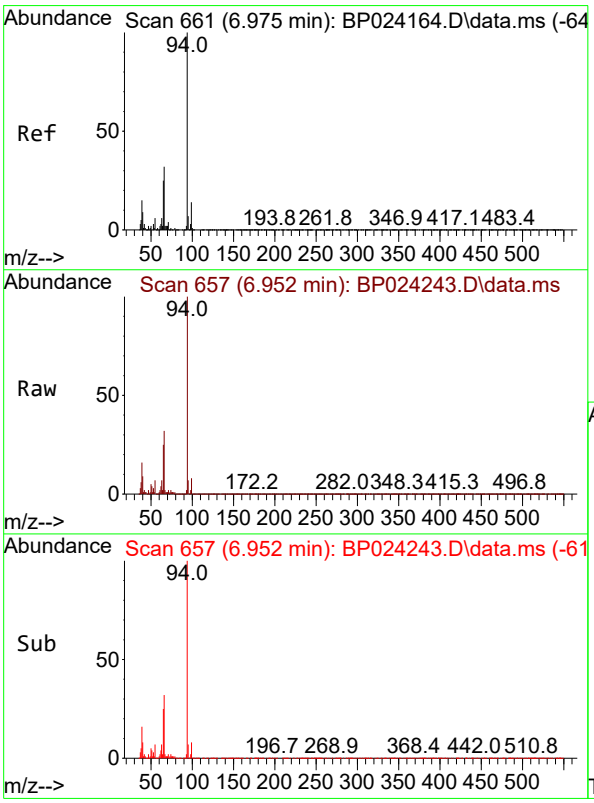
#9
Benzaldehyde
Concen: 44.828 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 520280

Ion	Ratio	Lower	Upper
77	100		
105	101.9	81.4	121.4
106	97.7	81.1	121.1

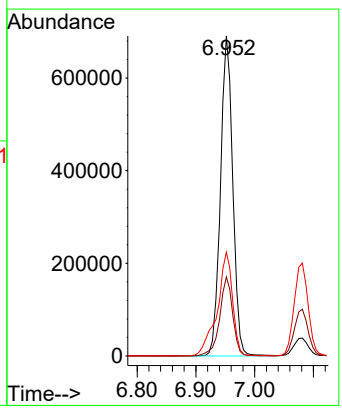


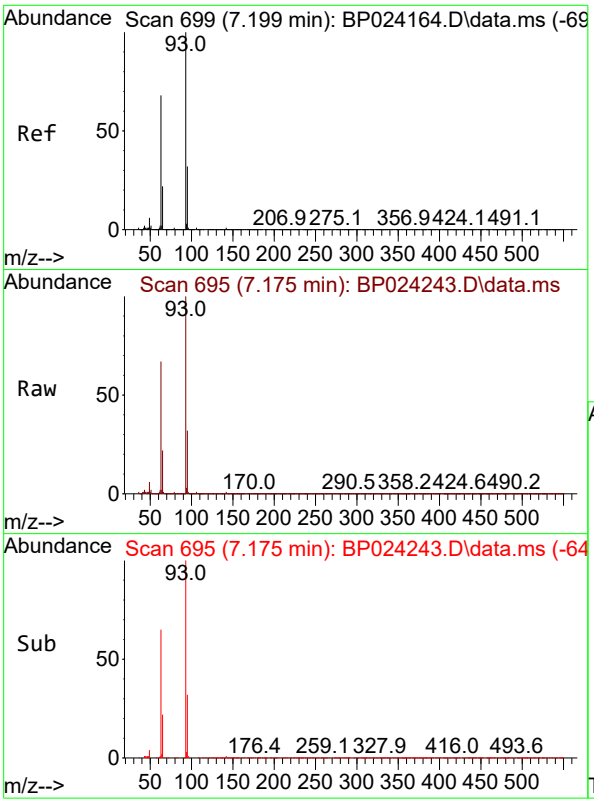


#10
Phenol
Concen: 41.412 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 94 Resp: 1005438

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.9	44.9
66	32.4	11.9	51.9



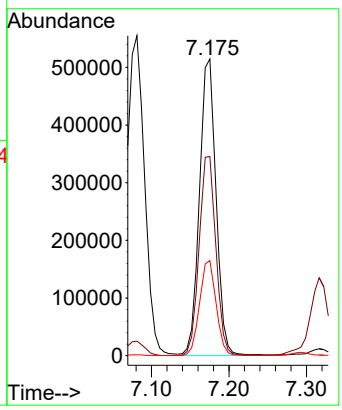


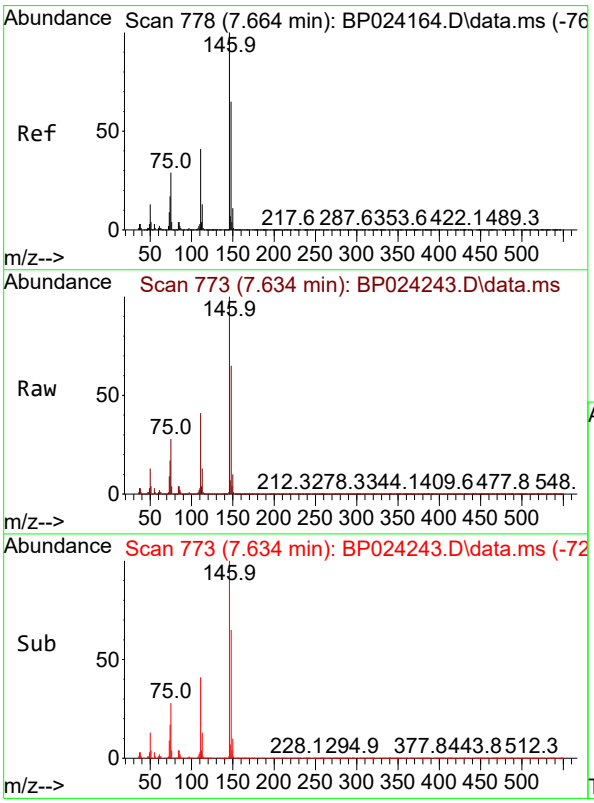
#11
bis(2-Chloroethyl)ether
Concen: 39.926 ng
RT: 7.175 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 764420

Ion	Ratio	Lower	Upper
93	100		
63	67.1	47.4	87.4
95	32.0	12.1	52.1

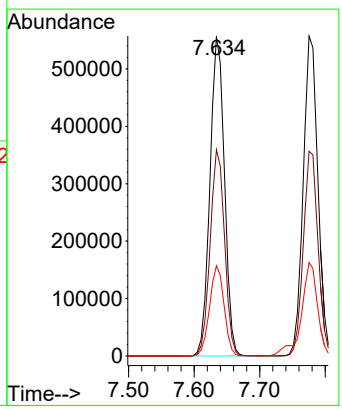


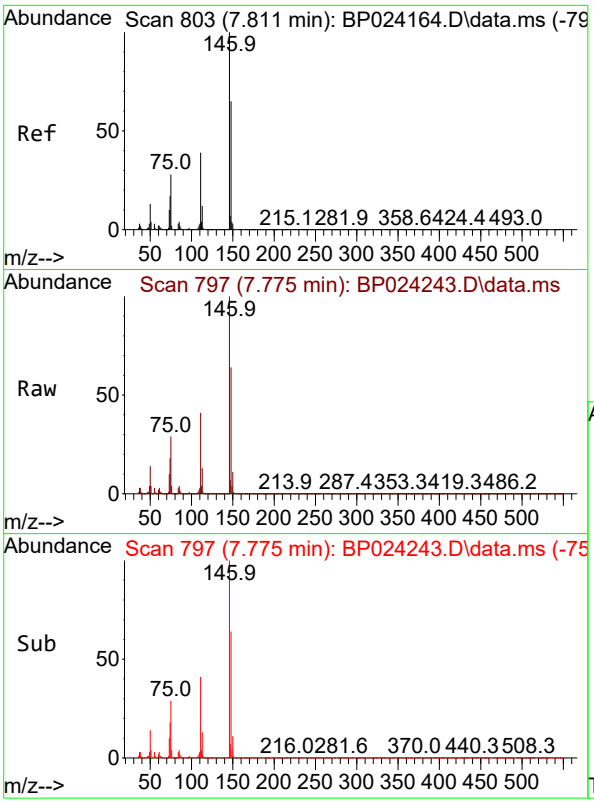


#12
1,3-Dichlorobenzene
Concen: 40.832 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:146 Resp: 855384

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.2	22.8	34.2



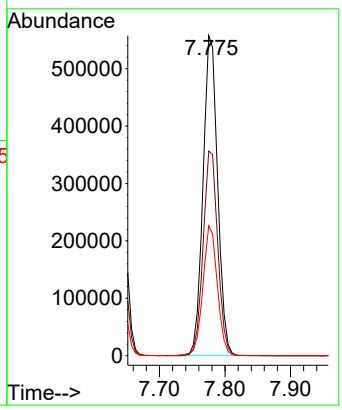


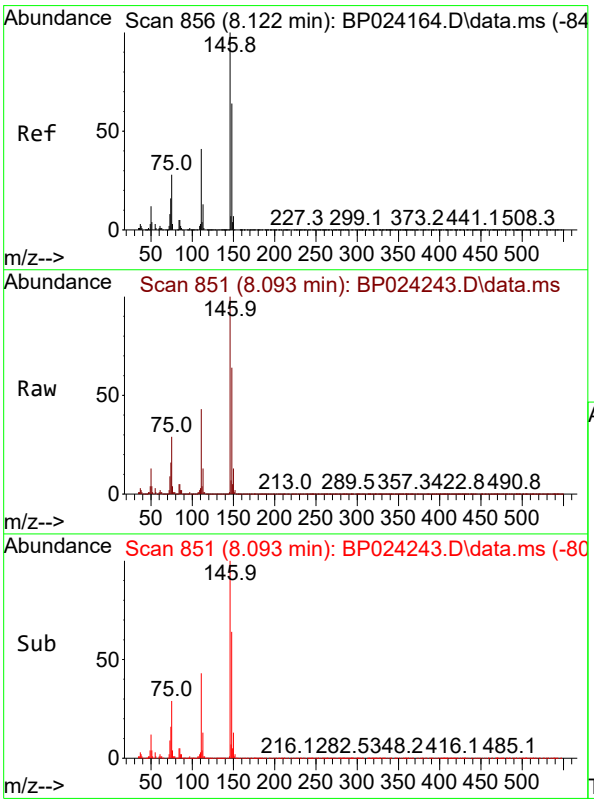
#13
1,4-Dichlorobenzene
Concen: 40.282 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.035 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 861602

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	40.6	31.4	47.2

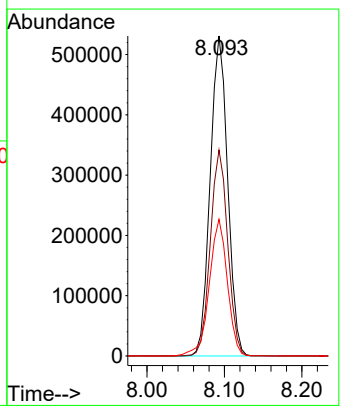


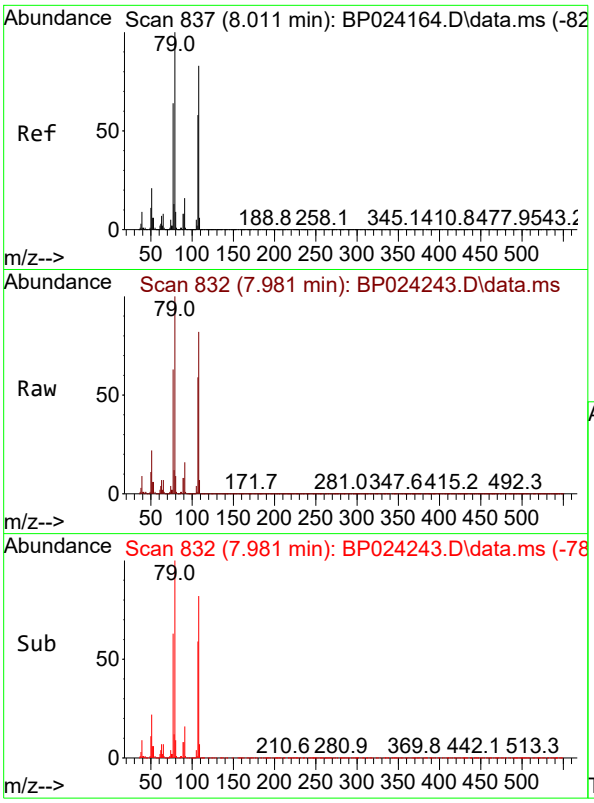


#14
1,2-Dichlorobenzene
Concen: 40.380 ng
RT: 8.093 min Scan# 851
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:146 Resp: 828820

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	42.7	33.2	49.8



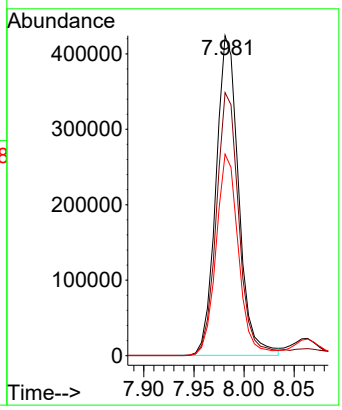


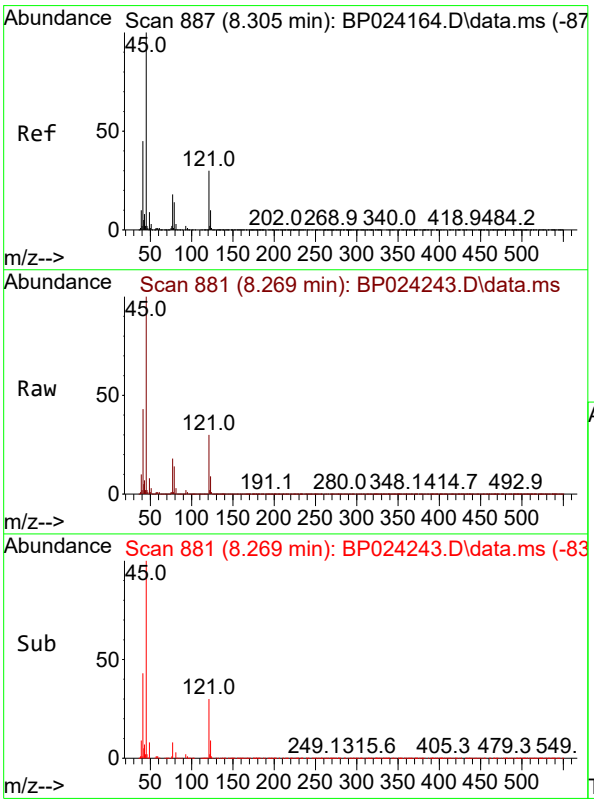
#15
Benzyl Alcohol
Concen: 43.732 ng
RT: 7.981 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 665865

Ion	Ratio	Lower	Upper
79	100		
108	82.2	66.5	99.7
77	62.9	50.9	76.3

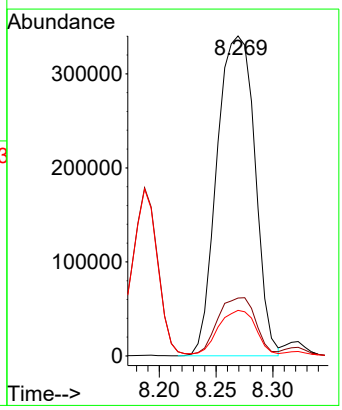


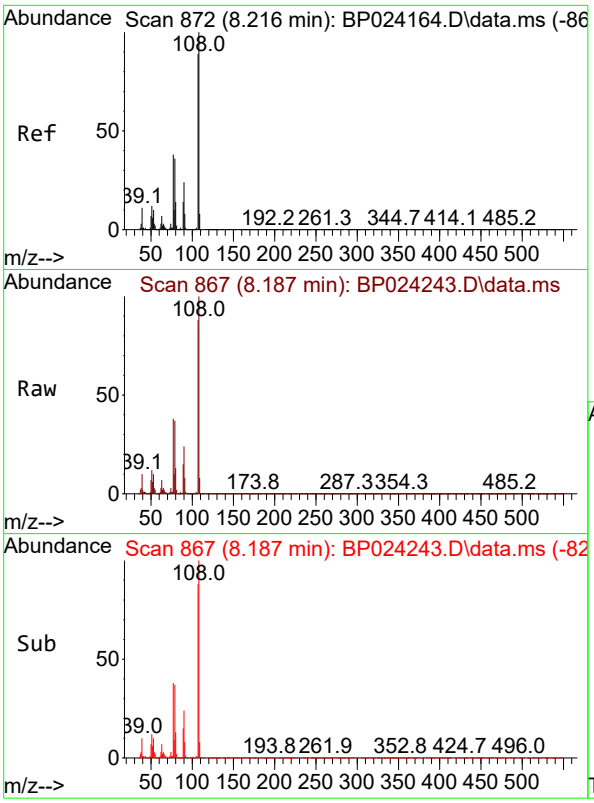


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.450 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.035 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 45 Resp: 790420

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	39.0
79	14.3	0.0	35.6



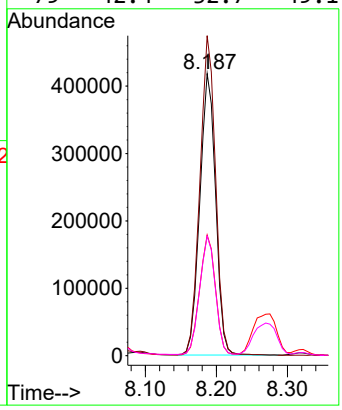


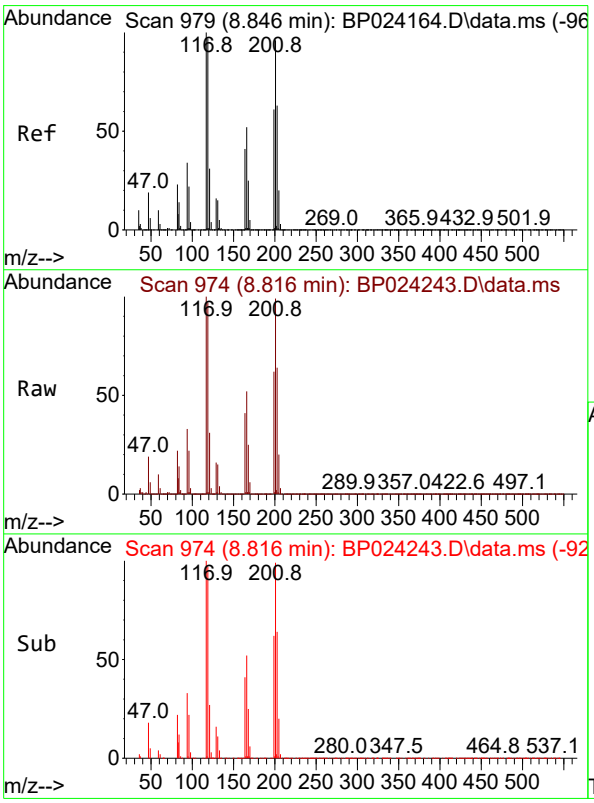
#17
2-Methylphenol
Concen: 42.525 ng
RT: 8.187 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 647425

Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.0	135.0
77	42.8	34.0	51.0
79	42.4	32.7	49.1

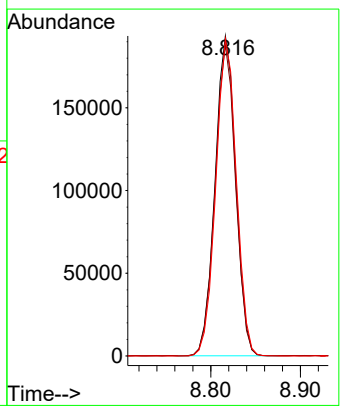


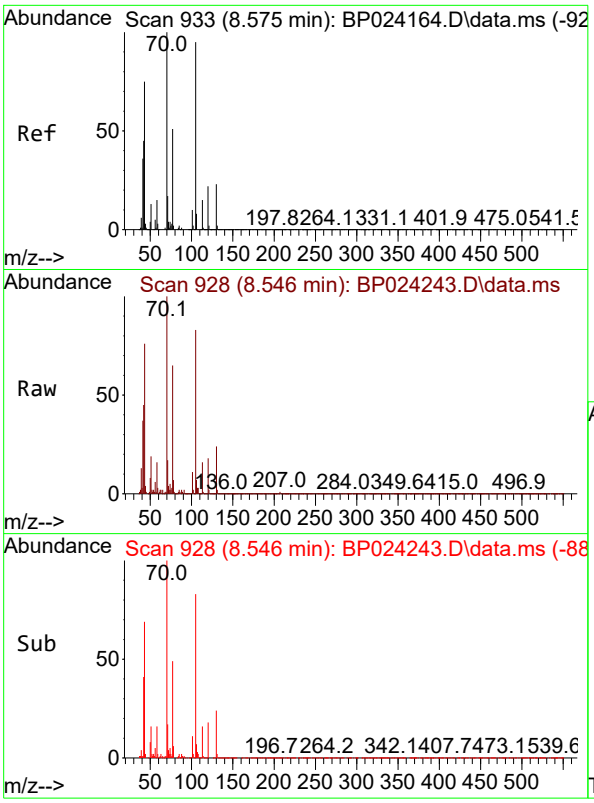


#18
Hexachloroethane
Concen: 40.814 ng
RT: 8.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:117 Resp: 309718

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	99.1	76.6	114.8



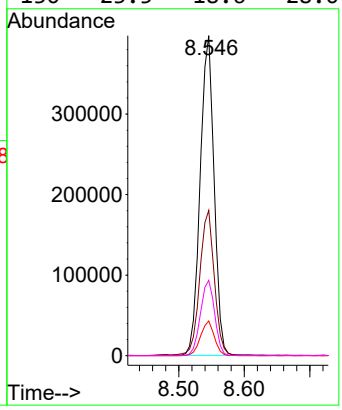


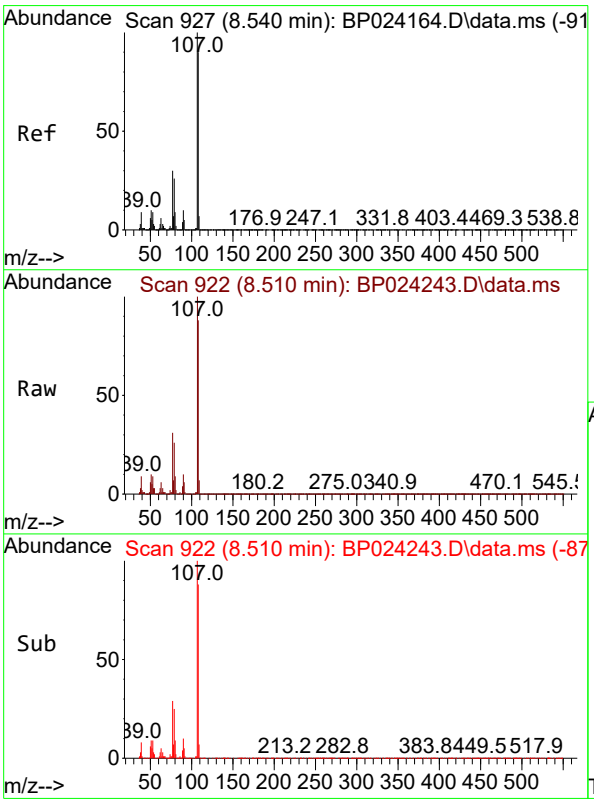
#19
n-Nitroso-di-n-propylamine
Concen: 42.065 ng
RT: 8.546 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 586911

Ion	Ratio	Lower	Upper
70	100		
42	45.4	36.0	54.0
101	10.8	8.3	12.5
130	23.5	18.6	28.0

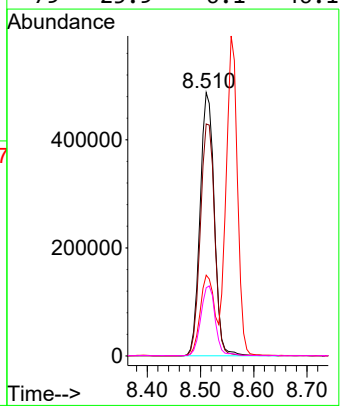


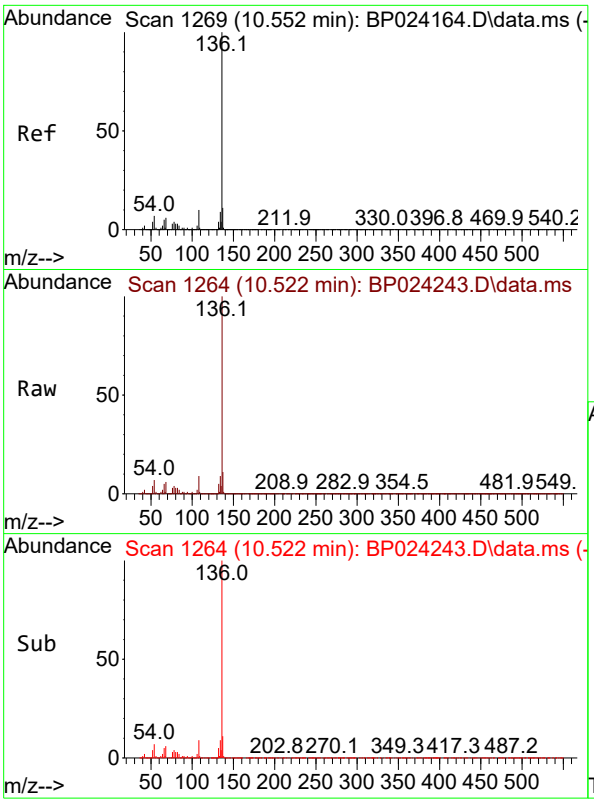


#20
3+4-Methylphenols
Concen: 43.162 ng
RT: 8.510 min Scan# 922
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:107 Resp: 902801

Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.7	109.7
77	30.7	10.3	50.3
79	25.9	6.1	46.1



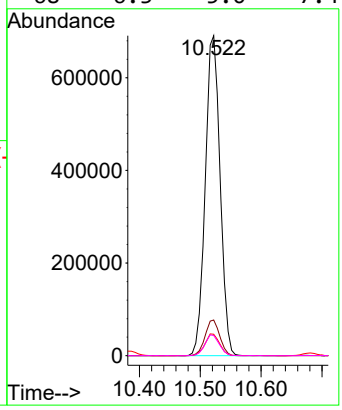


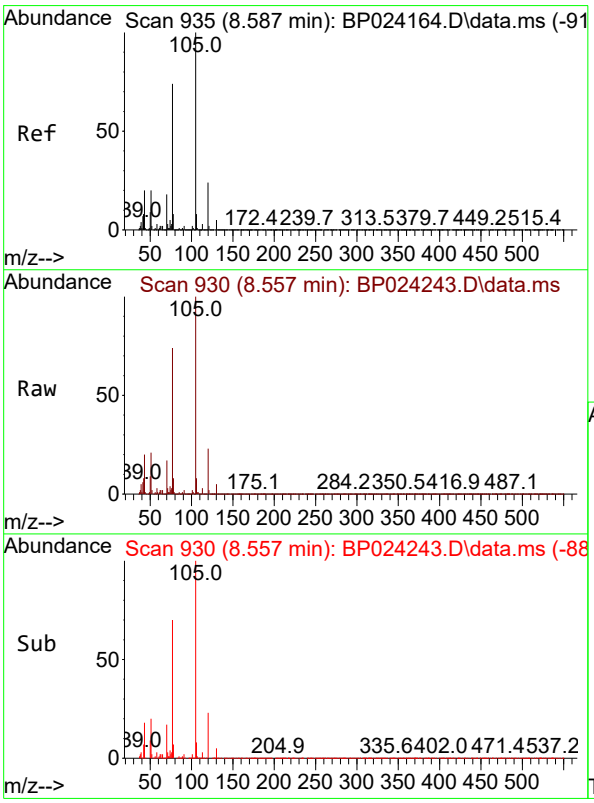
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 1167629

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.3	7.9
68	6.3	5.0	7.4

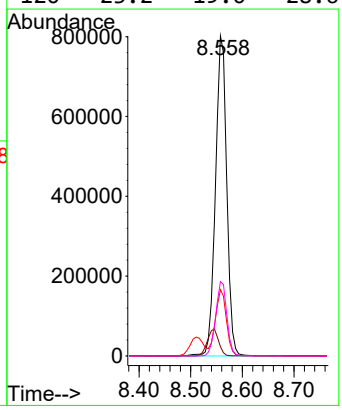


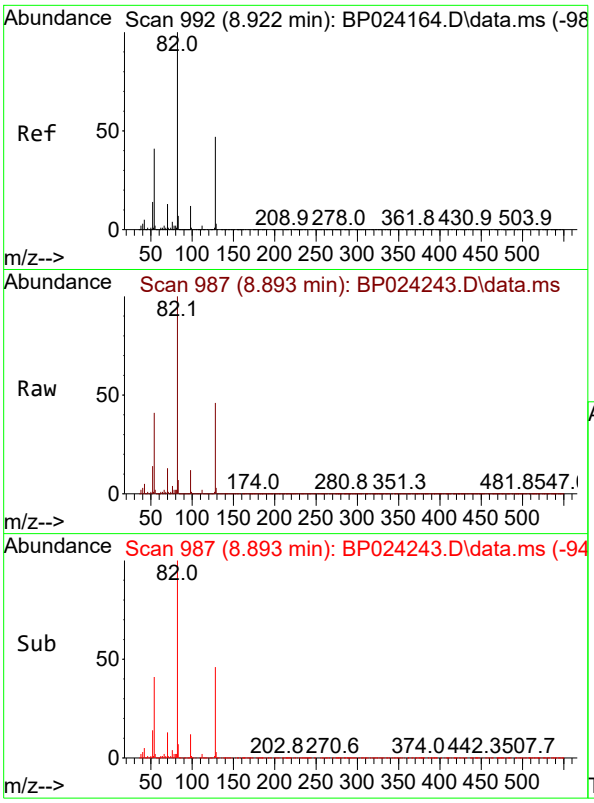


#22
Acetophenone
Concen: 41.156 ng
RT: 8.557 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:105 Resp: 1214940

Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.4	3.6
51	20.7	16.2	24.2
120	23.2	19.0	28.6



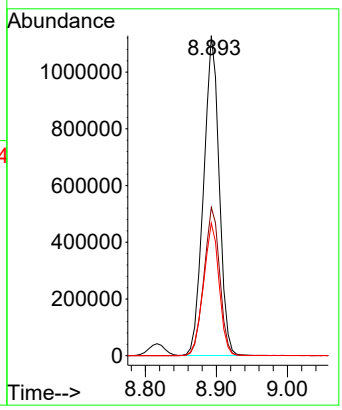


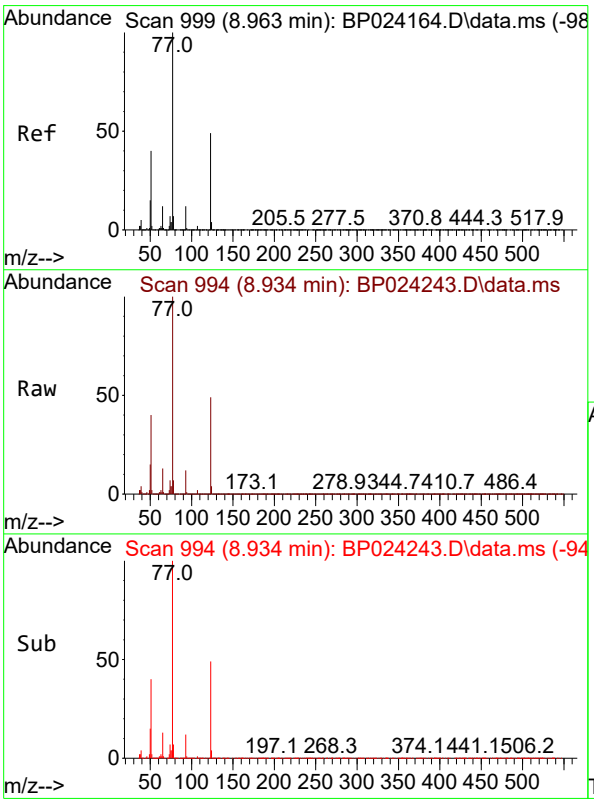
#23
Nitrobenzene-d5
Concen: 83.245 ng
RT: 8.893 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1722757

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.0
54	41.5	32.5	48.7

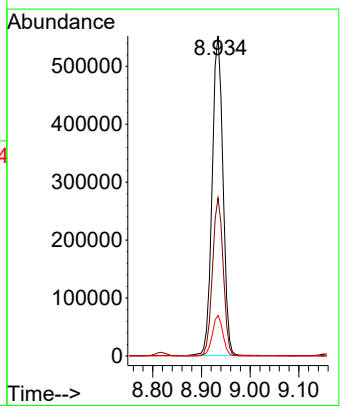


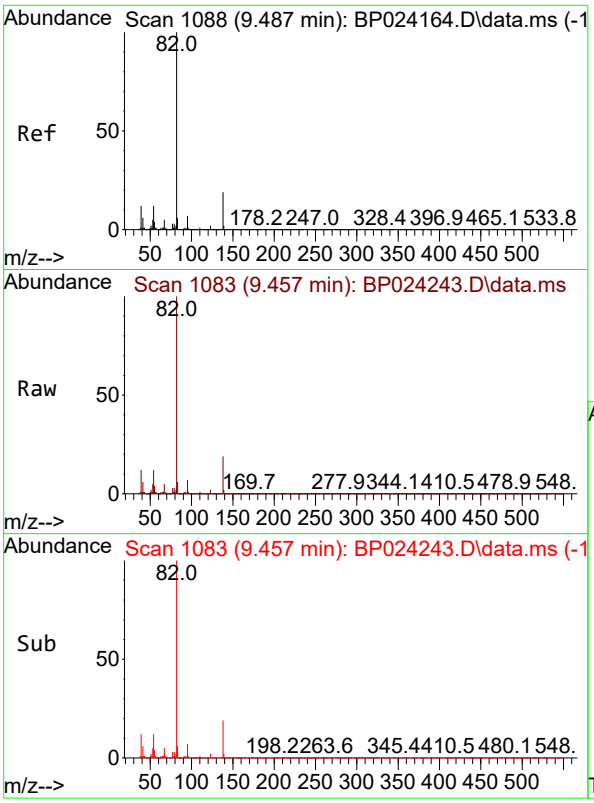


#24
Nitrobenzene
Concen: 41.661 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 77 Resp: 850529

Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.4	59.2
65	12.7	9.9	14.9



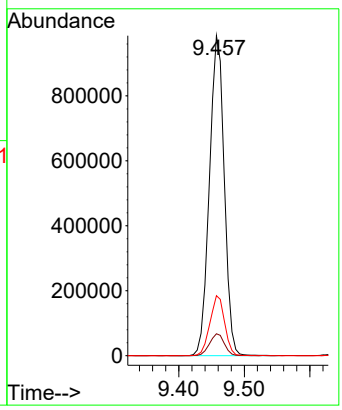


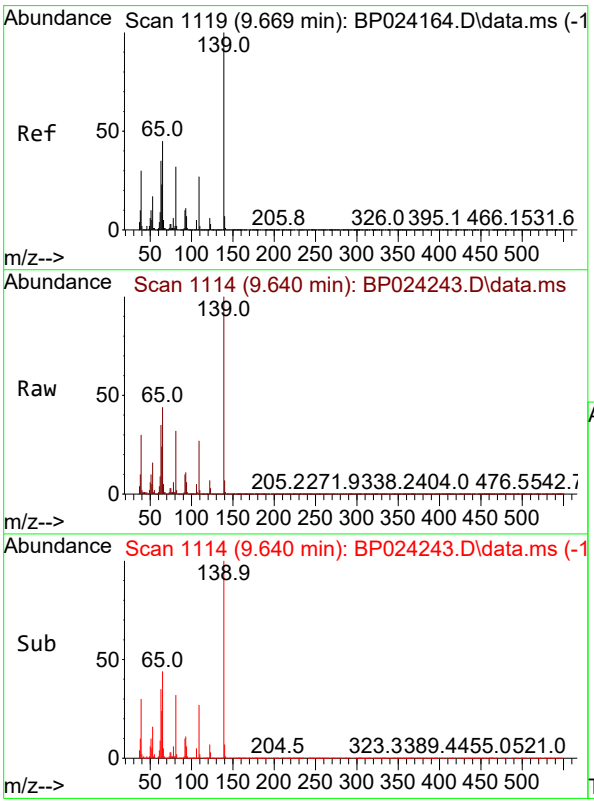
#25
Isophorone
Concen: 43.649 ng
RT: 9.457 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1548448

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	18.8	14.8	22.2

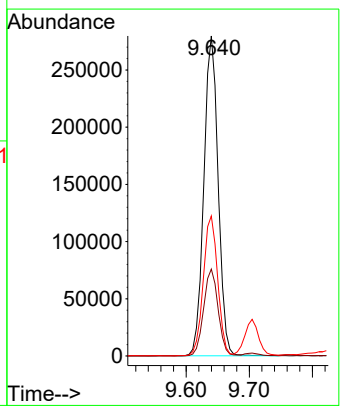


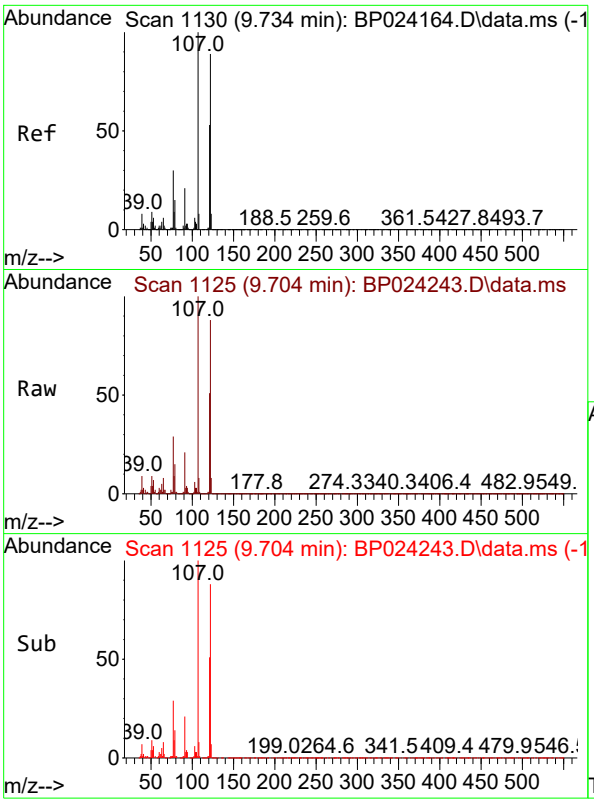


#26
2-Nitrophenol
Concen: 45.010 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:139 Resp: 438933

Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.7	32.5
65	43.8	35.8	53.8



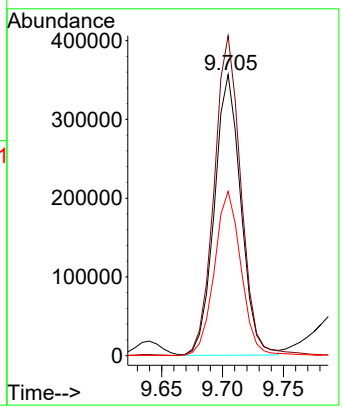


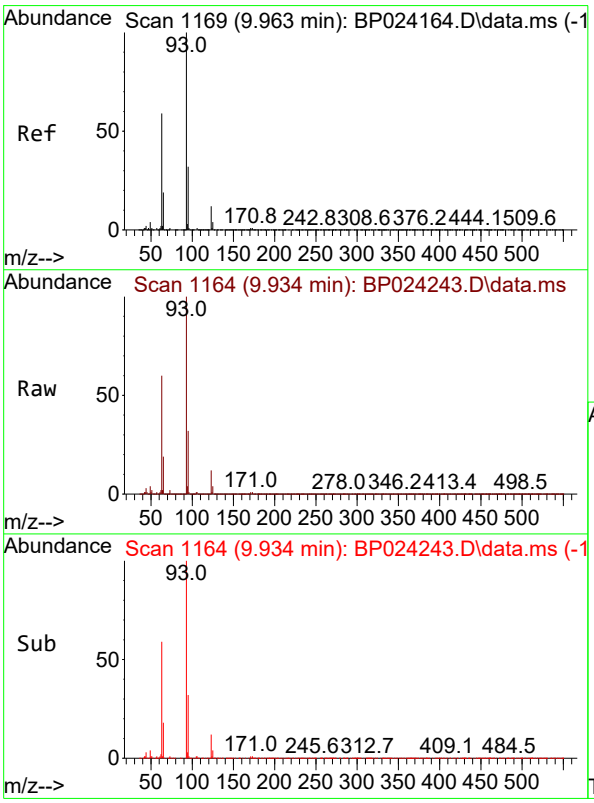
#27
2,4-Dimethylphenol
Concen: 43.082 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 540227

Ion	Ratio	Lower	Upper
122	100		
107	113.8	89.3	133.9
121	58.4	47.5	71.3

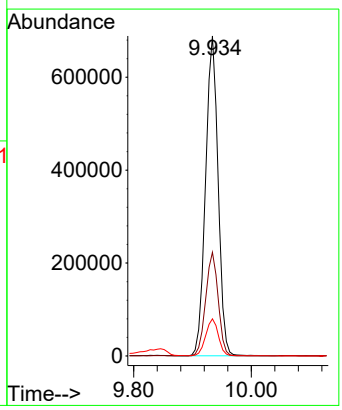


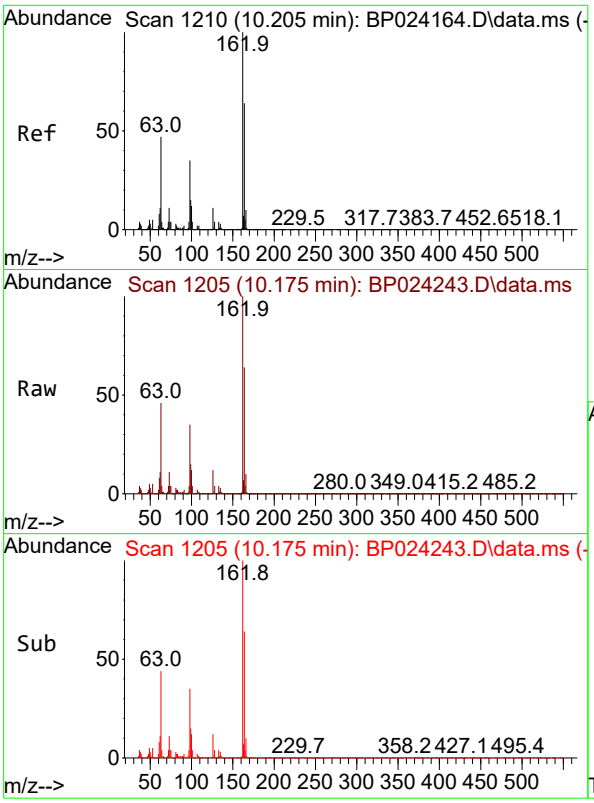


#28
bis(2-Chloroethoxy)methane
Concen: 40.721 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 93 Resp: 1016244

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.6	9.5	14.3



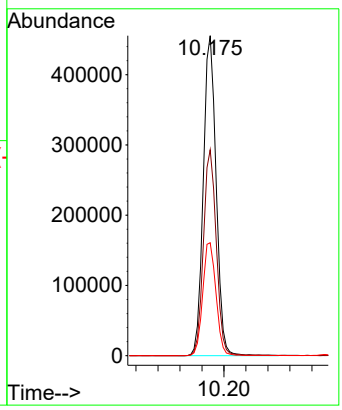


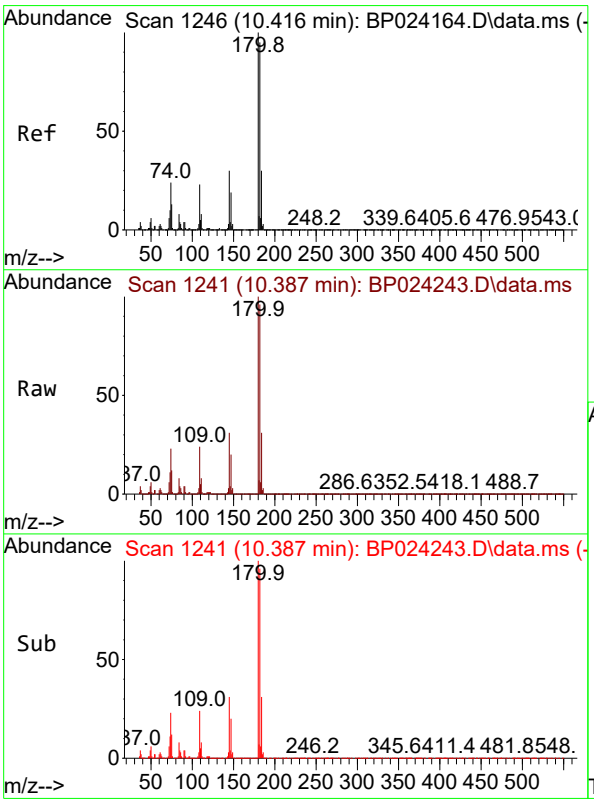
#29
2,4-Dichlorophenol
Concen: 43.526 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 738339

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	35.3	15.1	55.1

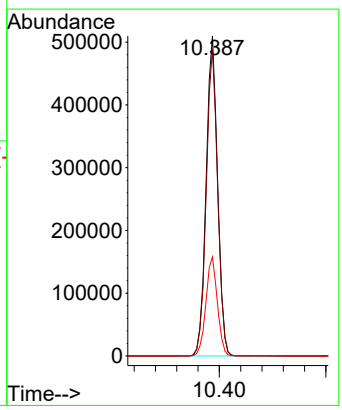


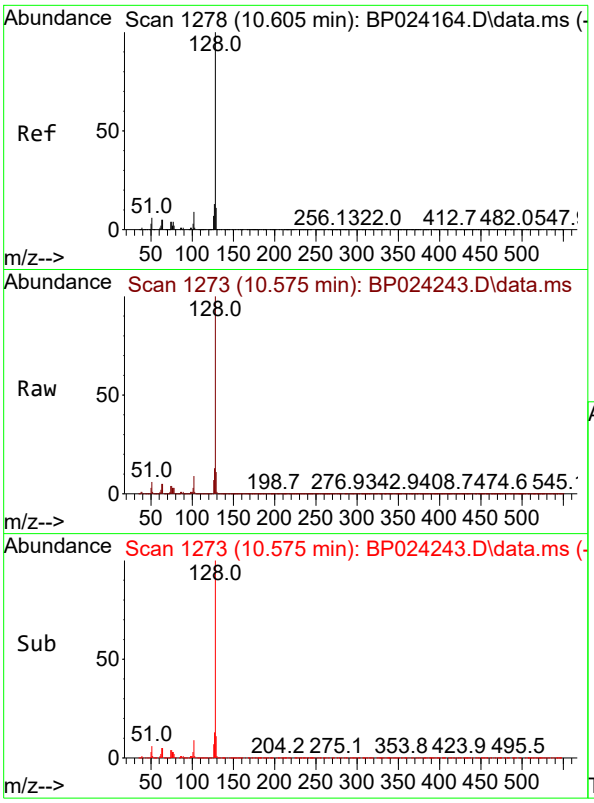


#30
1,2,4-Trichlorobenzene
Concen: 40.543 ng
RT: 10.387 min Scan# 1241
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:180 Resp: 759836

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
145	31.0	24.2	36.2



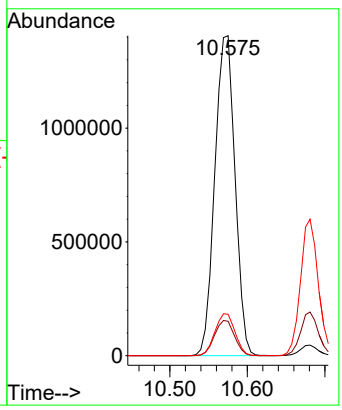


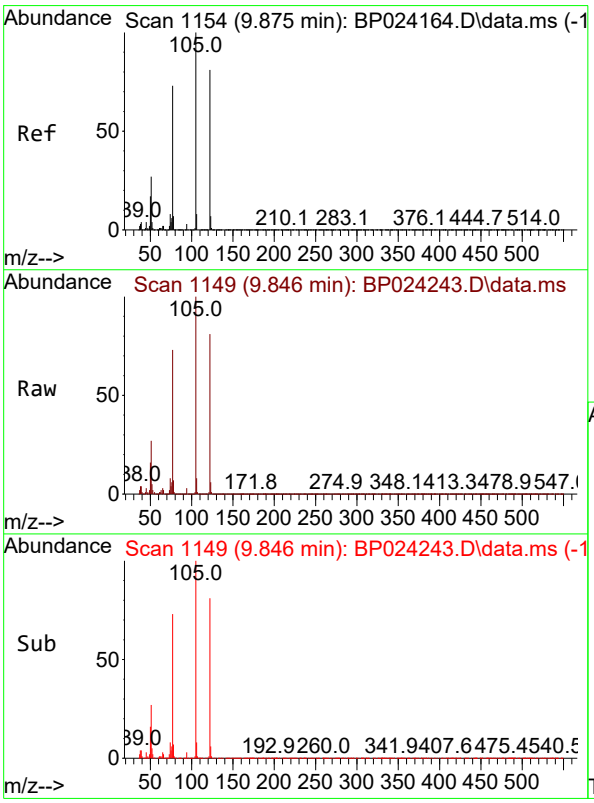
#31
Naphthalene
Concen: 41.152 ng
RT: 10.575 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 2547078

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.0	10.4	15.6

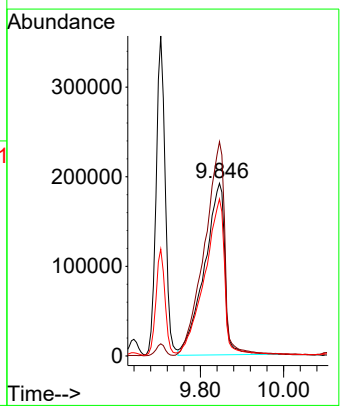


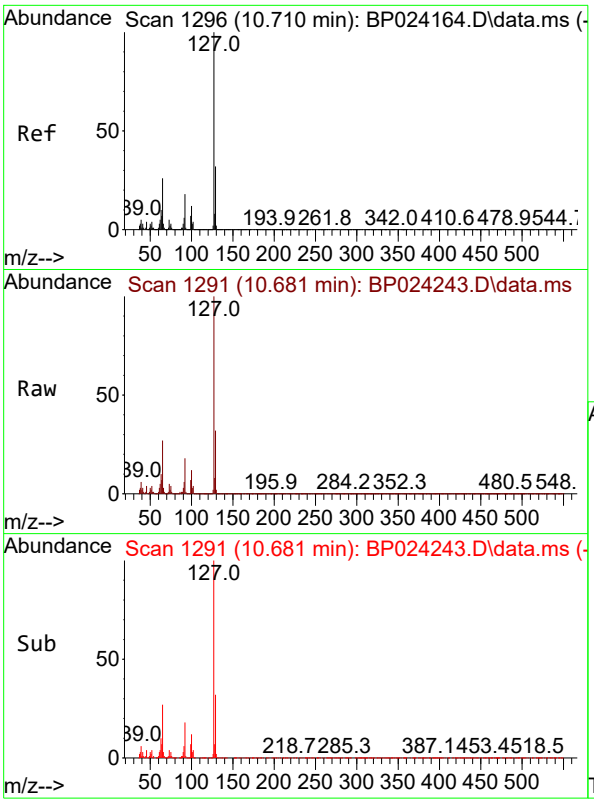


#32
Benzoic acid
Concen: 53.374 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:122 Resp: 652732

Ion	Ratio	Lower	Upper
122	100		
105	124.1	100.3	140.3
77	91.0	69.1	109.1



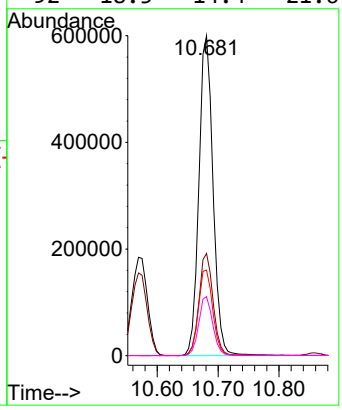


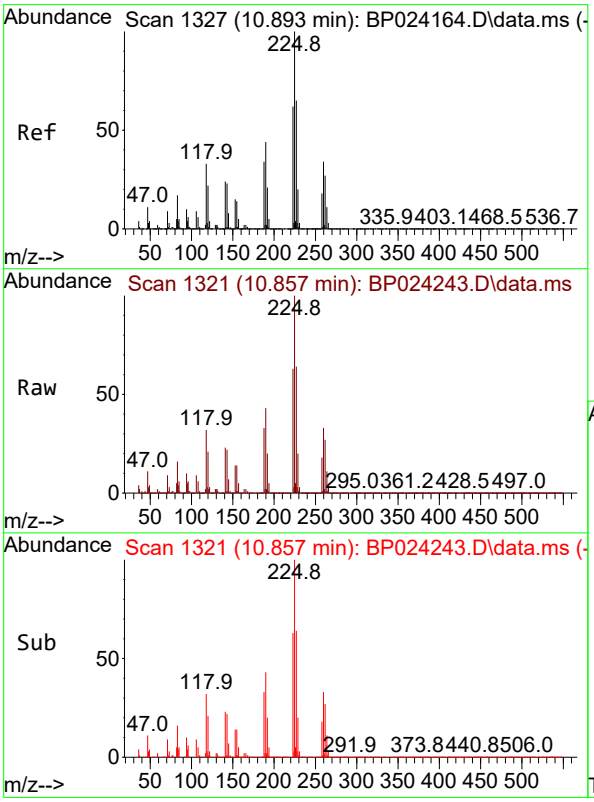
#33
4-Chloroaniline
Concen: 43.595 ng
RT: 10.681 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 965625

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	26.8	21.2	31.8
92	18.5	14.4	21.6

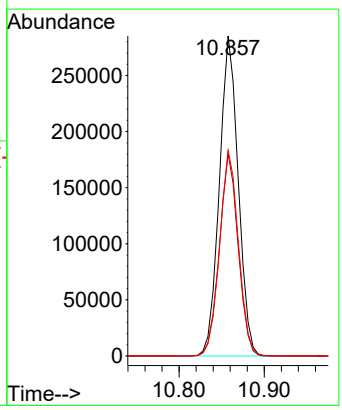


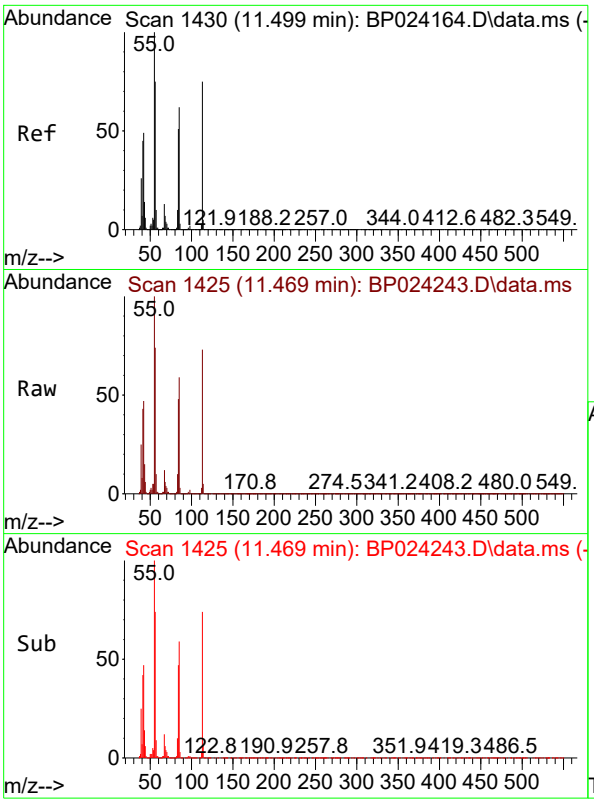


#34
Hexachlorobutadiene
Concen: 40.667 ng
RT: 10.857 min Scan# 1321
Delta R.T. -0.035 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:225 Resp: 438635

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	64.3	52.2	78.2



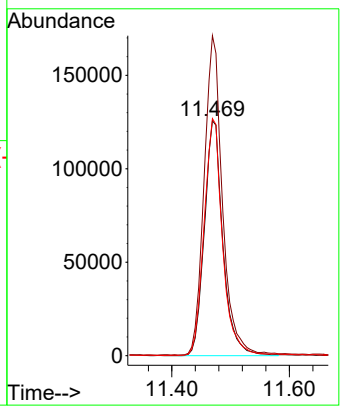


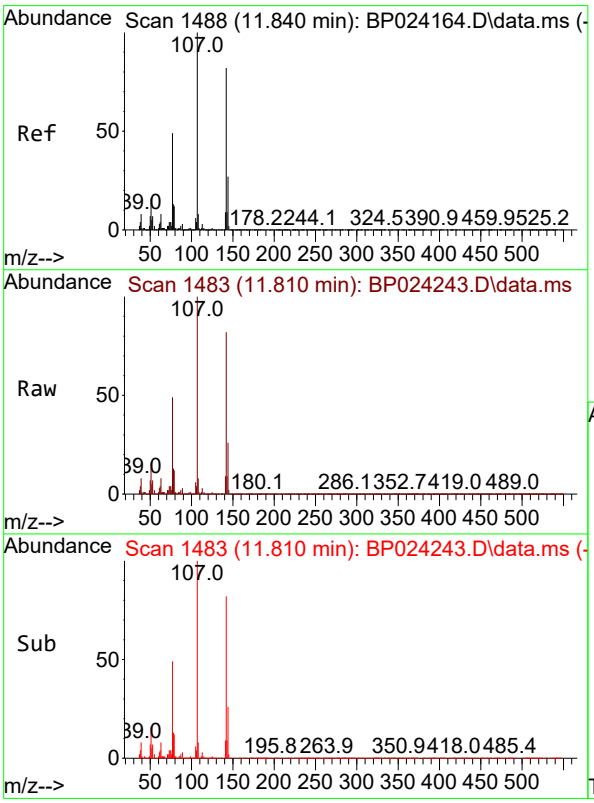
#35
Caprolactam
Concen: 49.564 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 275552

Ion	Ratio	Lower	Upper
113	100		
55	136.2	113.6	153.6
56	100.9	80.0	120.0

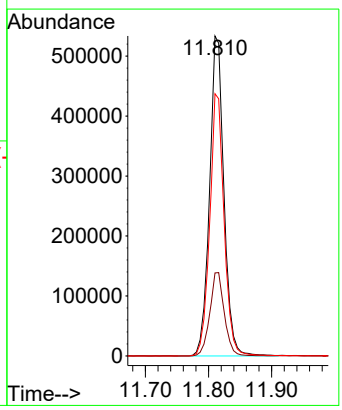


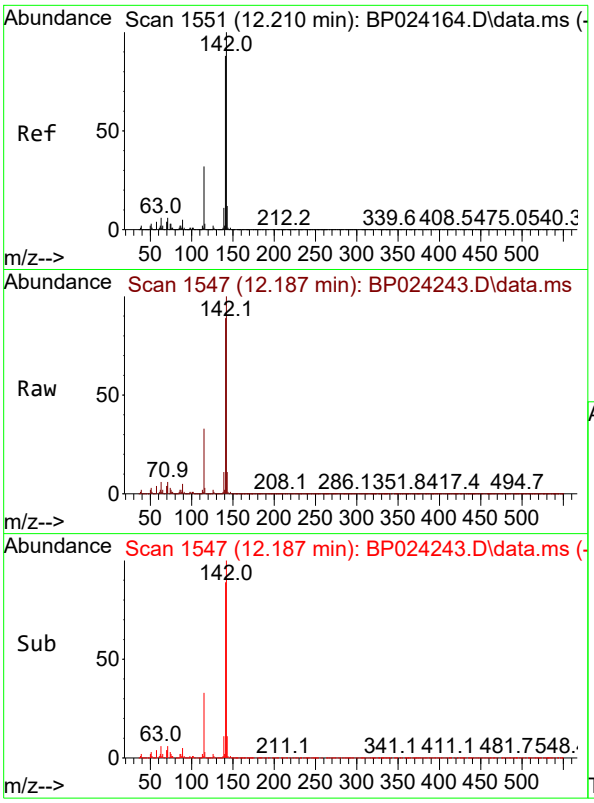


#36
4-Chloro-3-methylphenol
Concen: 46.027 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:107 Resp: 842270

Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.6	32.4
142	81.9	65.4	98.0



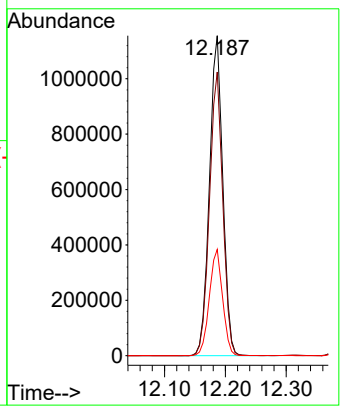


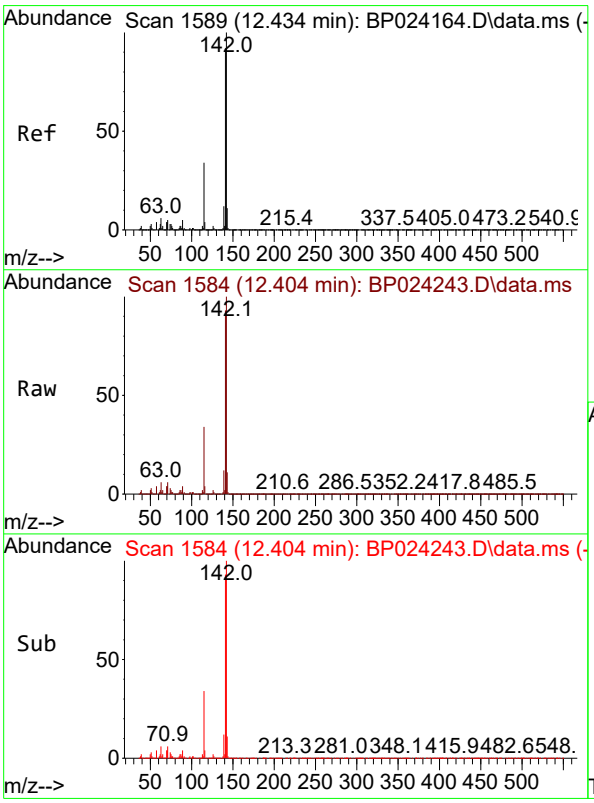
#37
2-Methylnaphthalene
Concen: 42.040 ng
RT: 12.187 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 1757855

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	33.2	26.0	39.0

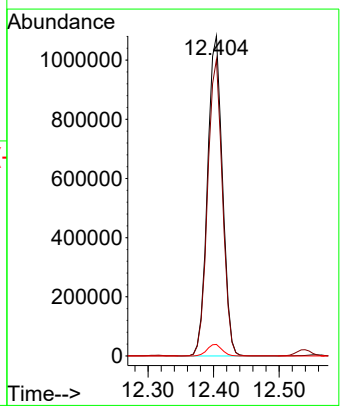


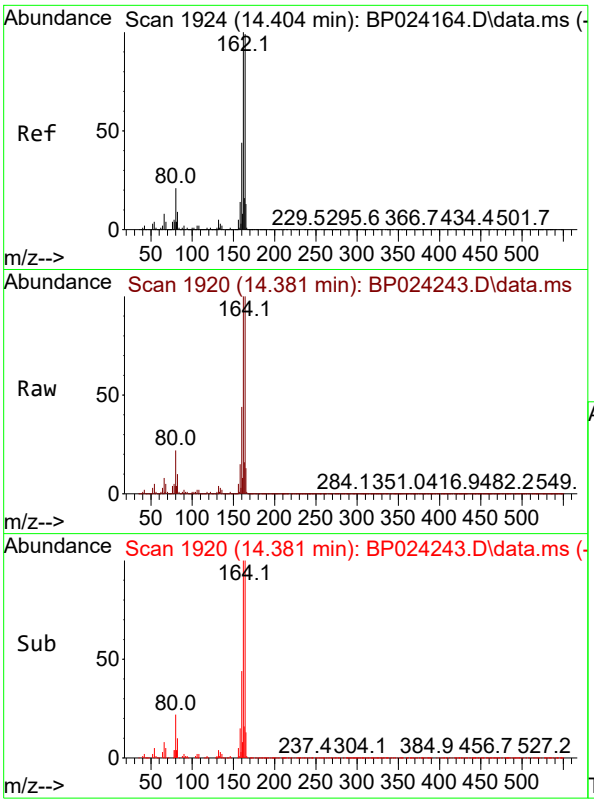


#38
1-Methylnaphthalene
Concen: 42.070 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:142 Resp: 1710995

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.9	110.9
116	3.6	2.8	4.2



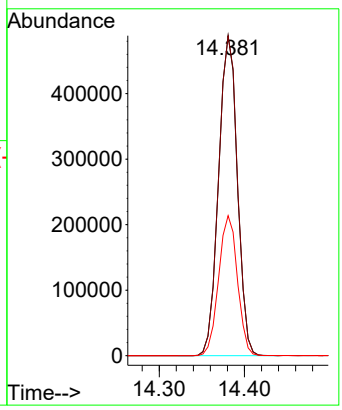


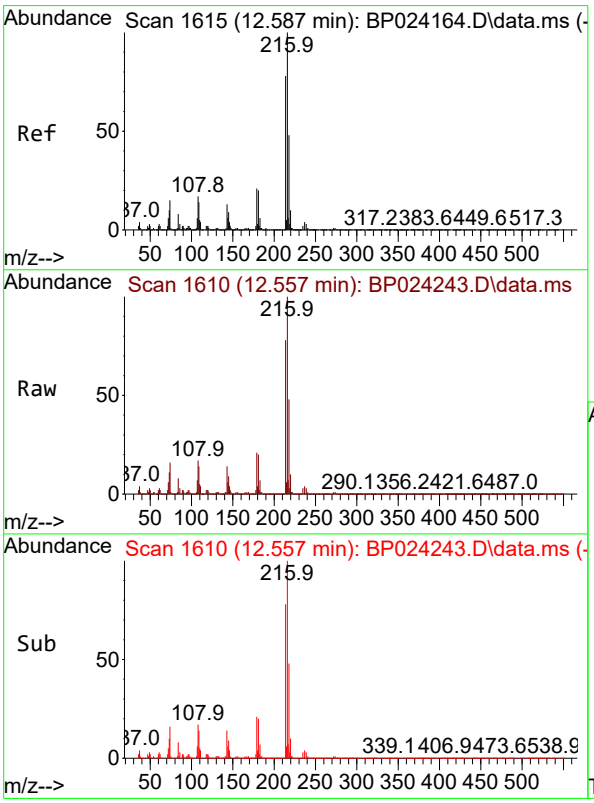
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 745990

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	43.8	35.4	53.2

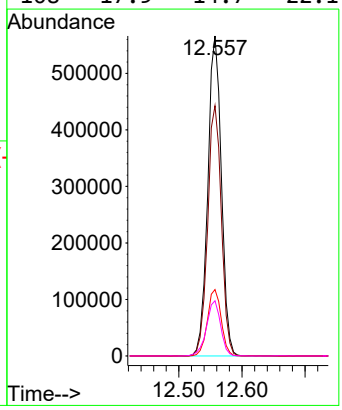


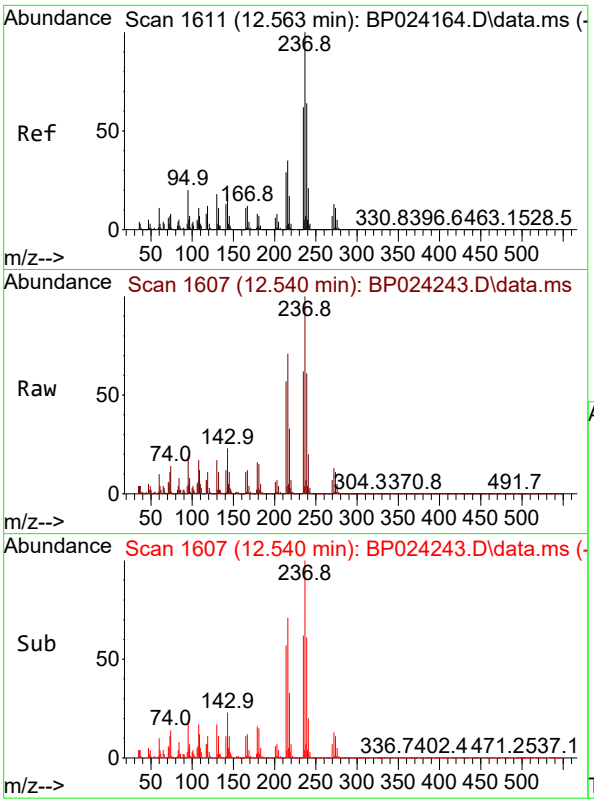


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.230 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:216 Resp: 845975

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	21.1	16.8	25.2
108	17.9	14.7	22.1



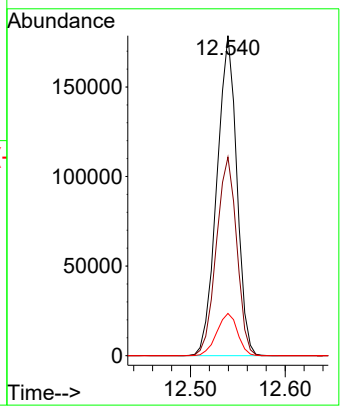


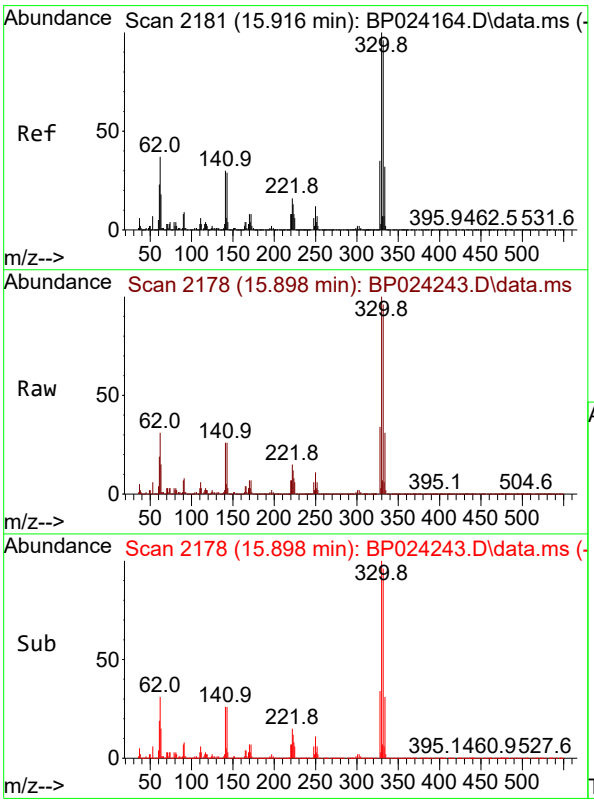
#41
Hexachlorocyclopentadiene
Concen: 33.703 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 261977

Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.8	81.8
272	13.2	0.0	33.5

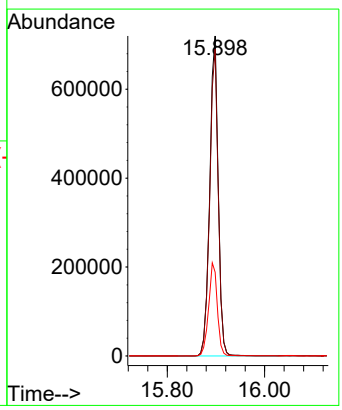


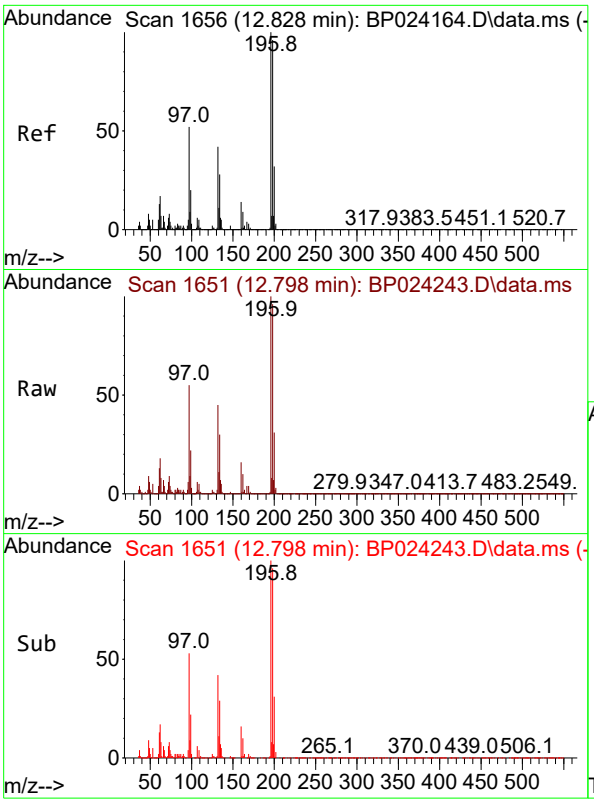


#42
2,4,6-Tribromophenol
Concen: 92.095 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:330 Resp: 865387

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	29.7	25.0	37.6



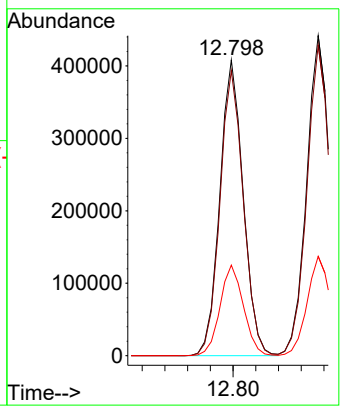


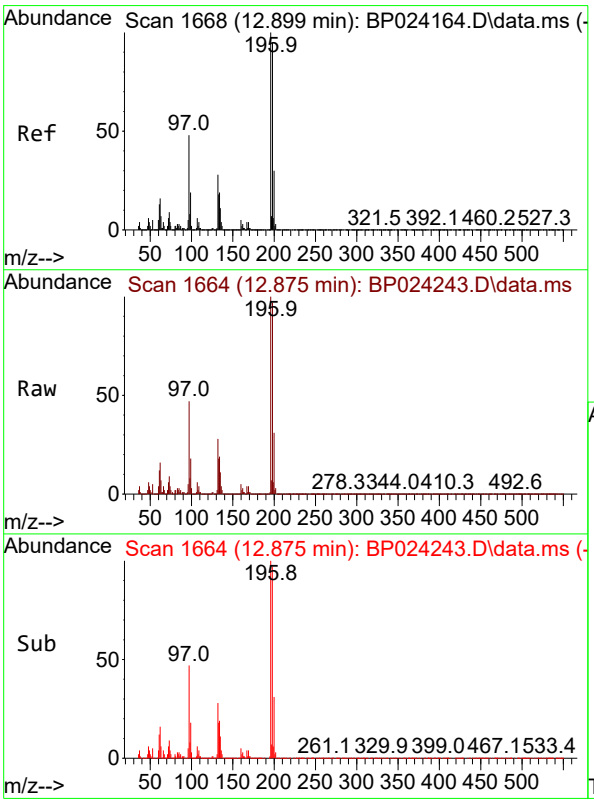
#43
2,4,6-Trichlorophenol
Concen: 42.642 ng
RT: 12.798 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 584393

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.6	115.0
200	30.7	25.4	38.0

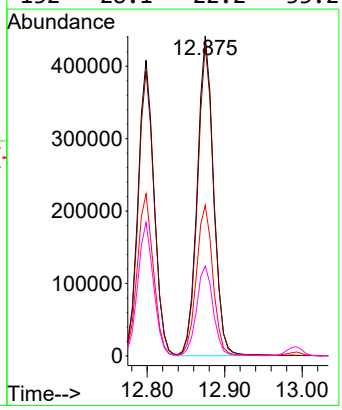


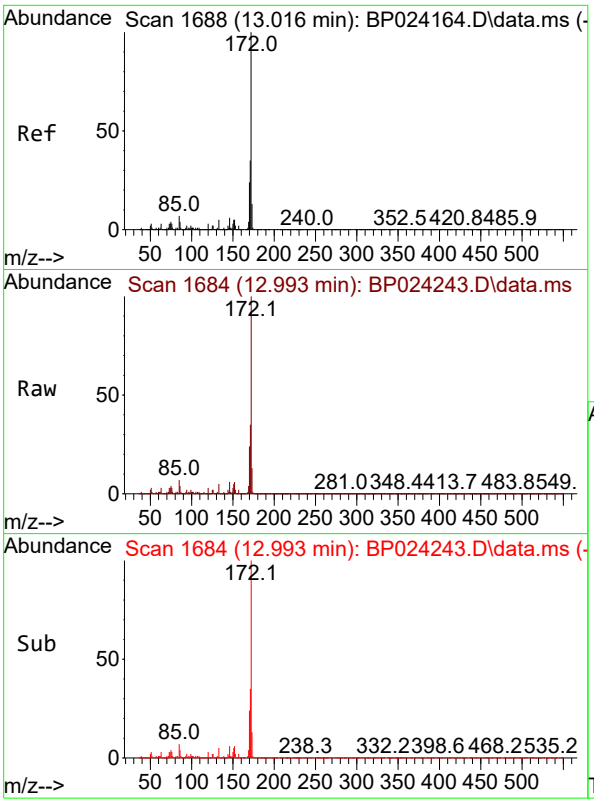


#44
2,4,5-Trichlorophenol
Concen: 42.864 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:196 Resp: 644222

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.5	114.7
97	47.1	38.7	58.1
132	28.1	22.2	33.2



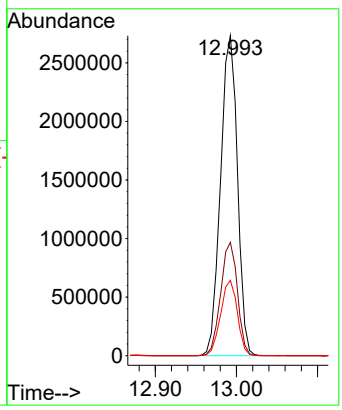


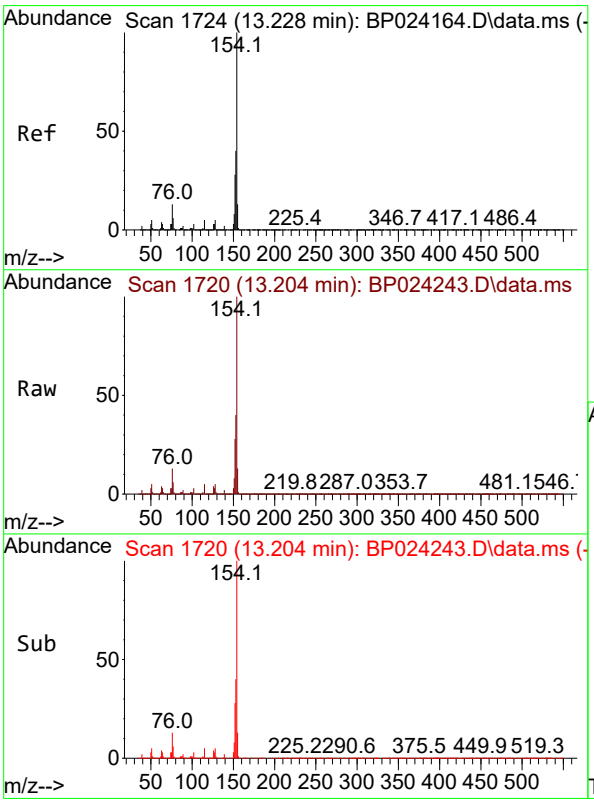
#45
2-Fluorobiphenyl
Concen: 78.208 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 3956663

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	19.0	28.4

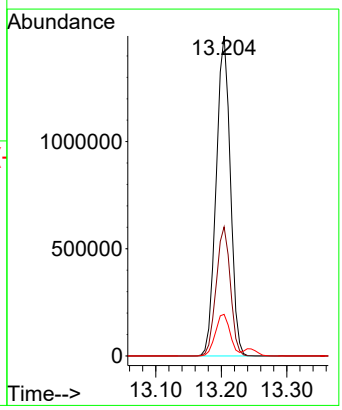


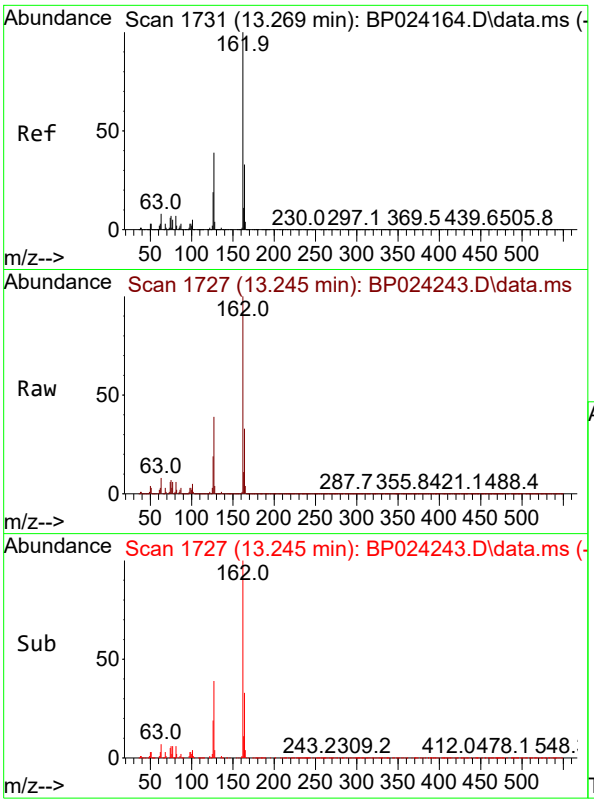


#46
1,1'-Biphenyl
Concen: 39.741 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:154 Resp: 2227781

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	13.0	0.0	32.9



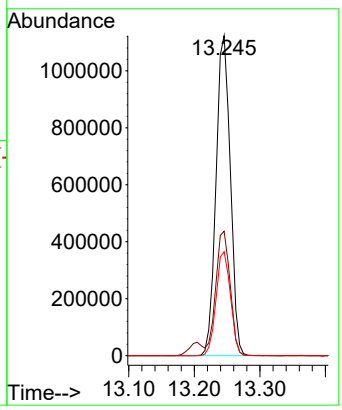


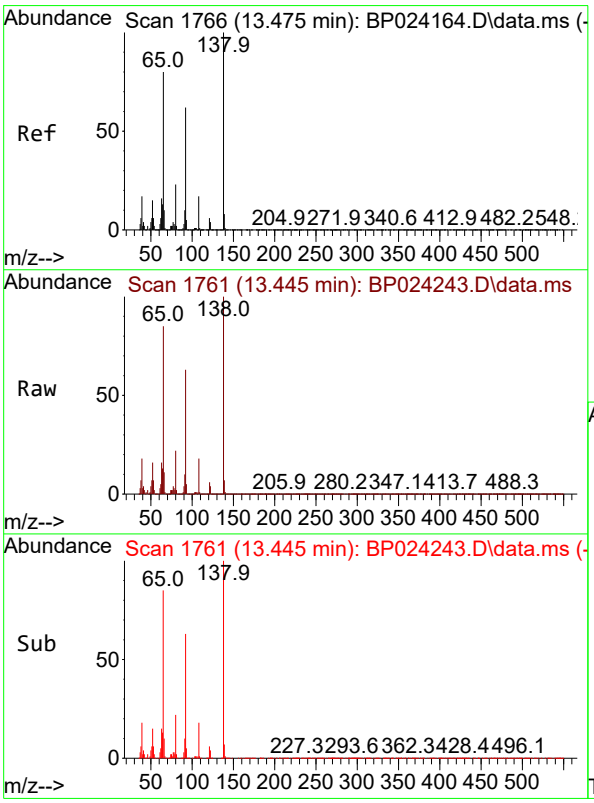
#47
2-Chloronaphthalene
Concen: 40.239 ng
RT: 13.245 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 1696678

Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.5	47.3
164	32.5	26.6	39.8

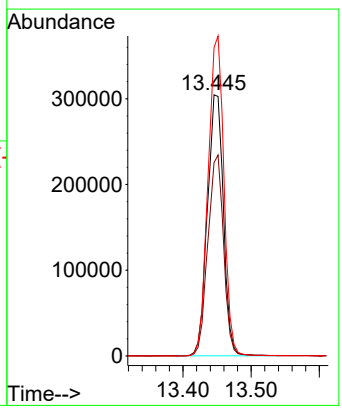


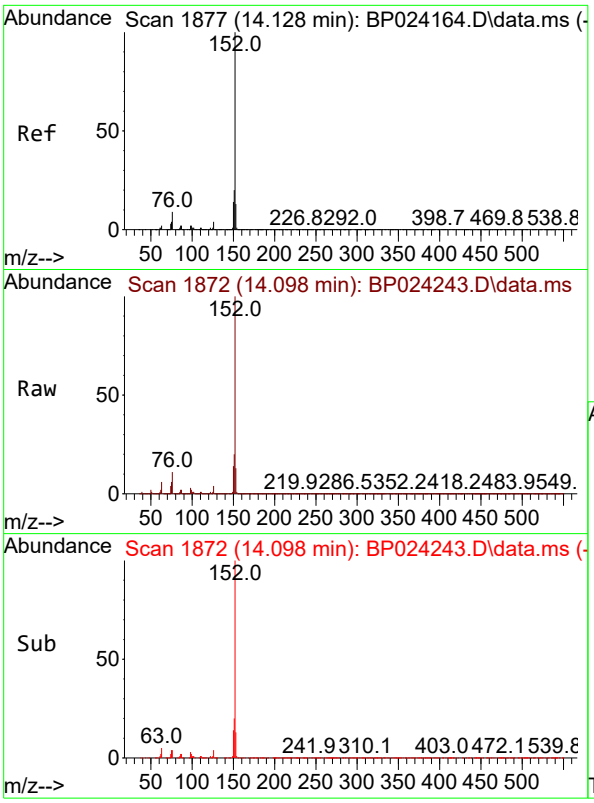


#48
2-Nitroaniline
Concen: 46.151 ng
RT: 13.445 min Scan# 1761
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 65 Resp: 497715

Ion	Ratio	Lower	Upper
65	100		
92	74.0	62.1	93.1
138	118.0	99.5	149.3



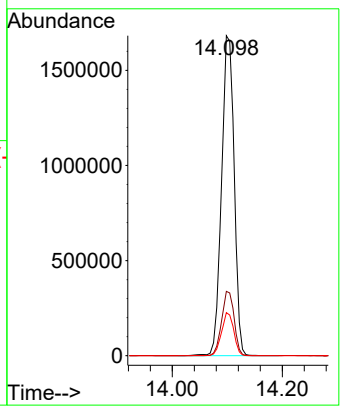


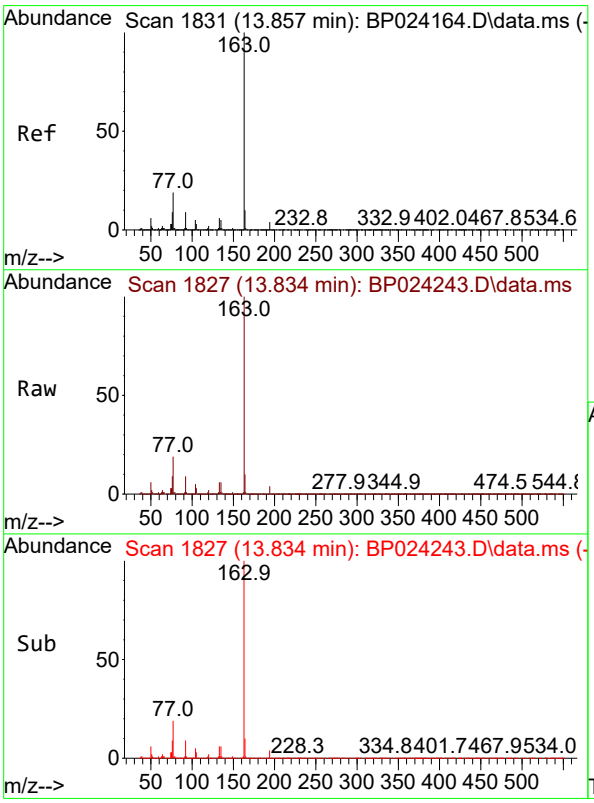
#49
Acenaphthylene
Concen: 42.011 ng
RT: 14.098 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 2680313

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.4	10.6	15.8

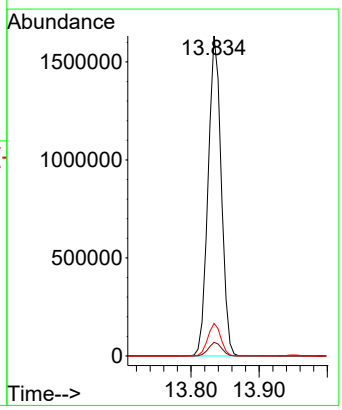


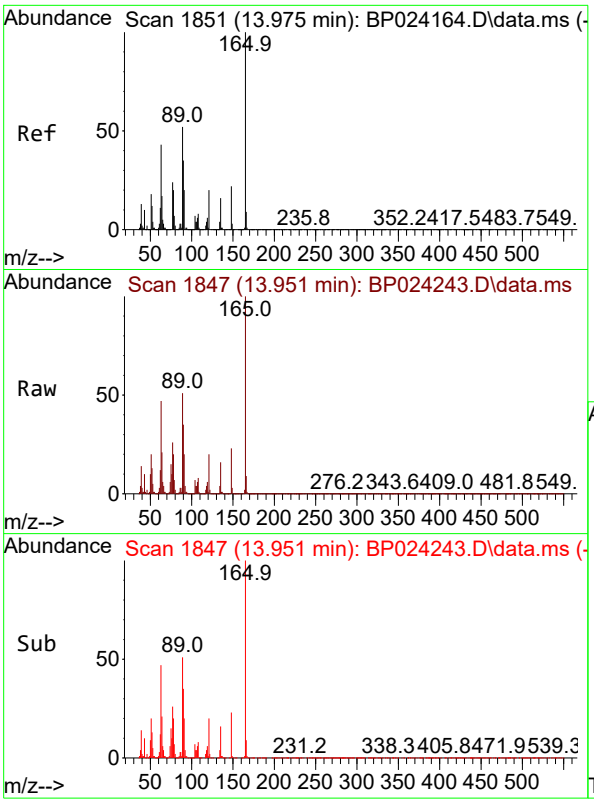


#50
Dimethylphthalate
Concen: 41.867 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:163 Resp: 2185393

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.4



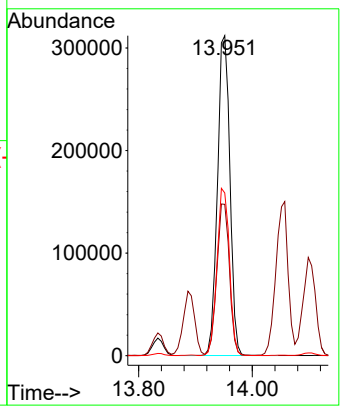


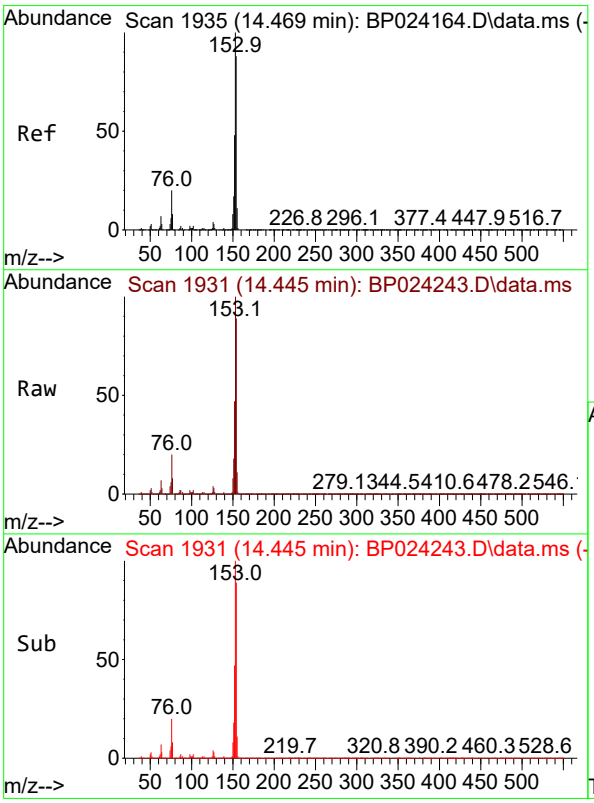
#51
2,6-Dinitrotoluene
Concen: 43.205 ng
RT: 13.951 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 474506

Ion	Ratio	Lower	Upper
165	100		
63	47.3	37.7	56.5
89	50.9	41.9	62.9

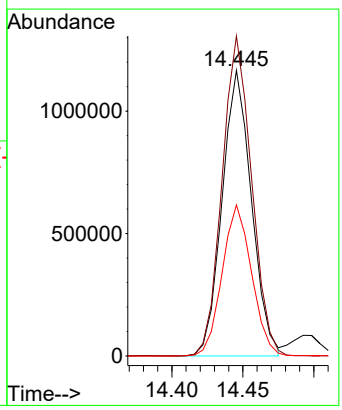


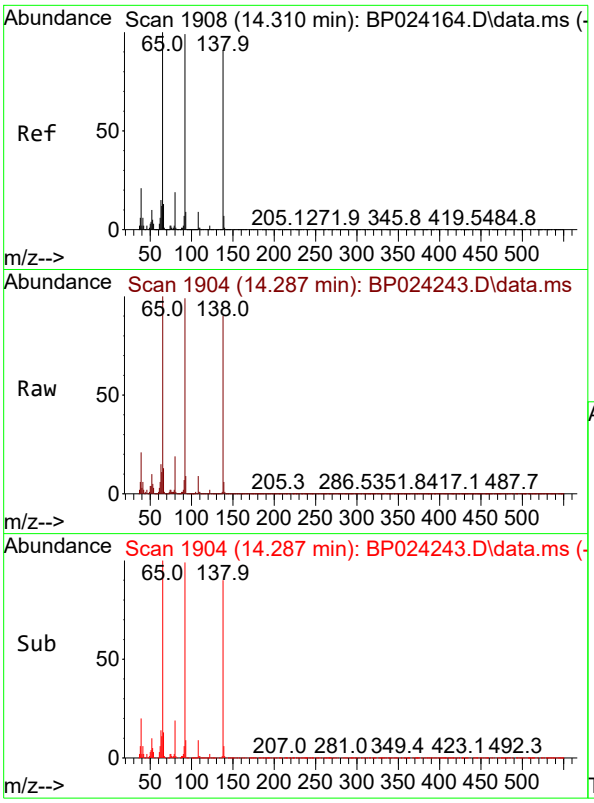


#52
Acenaphthene
Concen: 41.025 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:154 Resp: 1672351

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	52.9	43.1	64.7



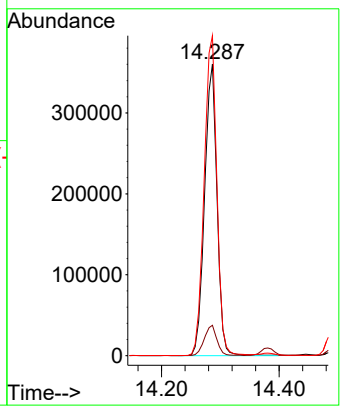


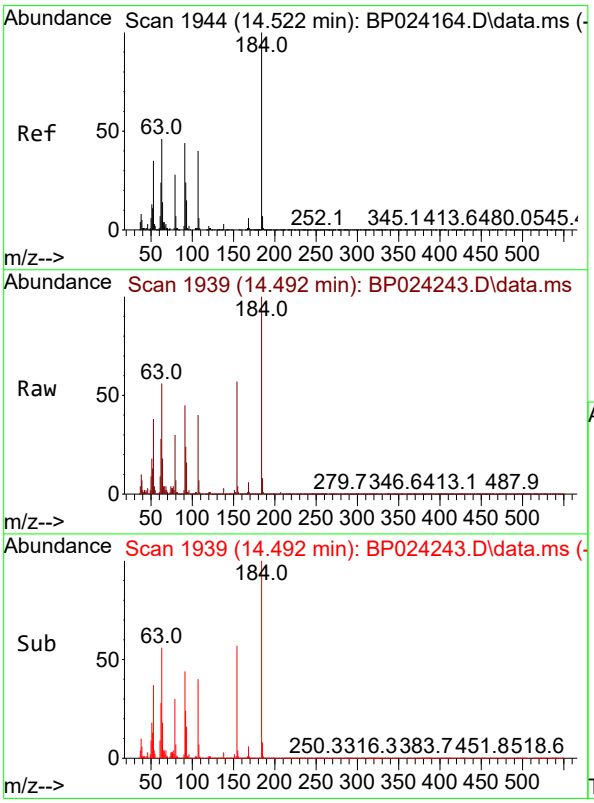
#53
3-Nitroaniline
Concen: 44.583 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 528847

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.2
92	109.7	86.7	130.1

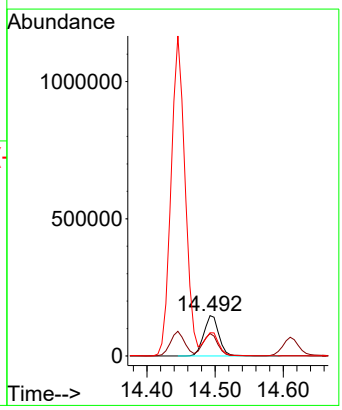


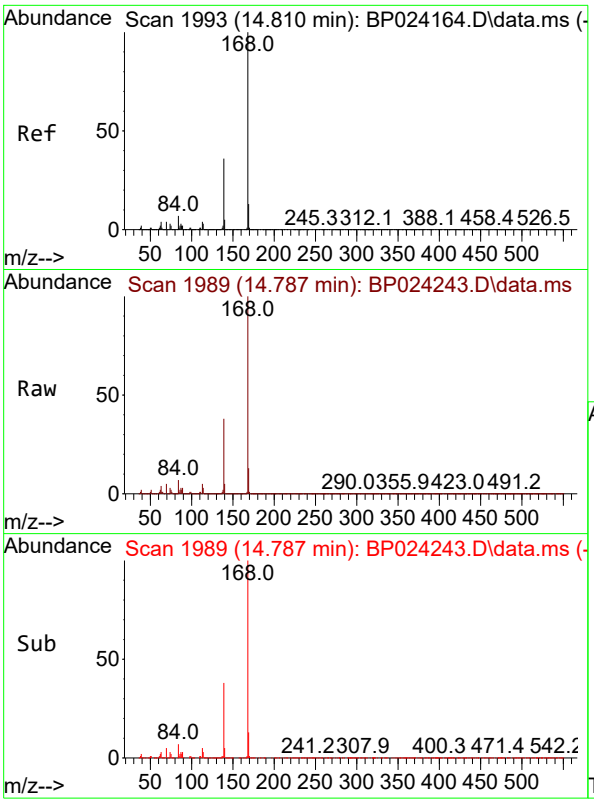


#54
2,4-Dinitrophenol
Concen: 39.089 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.030 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:184 Resp: 227159

Ion	Ratio	Lower	Upper
184	100		
63	55.7	42.1	63.1
154	57.4	44.6	67.0



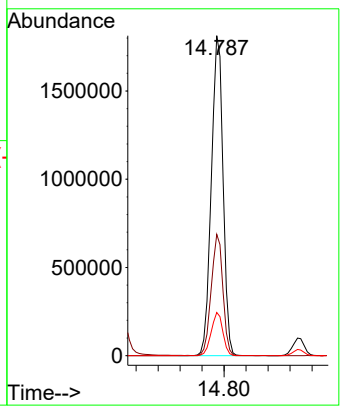


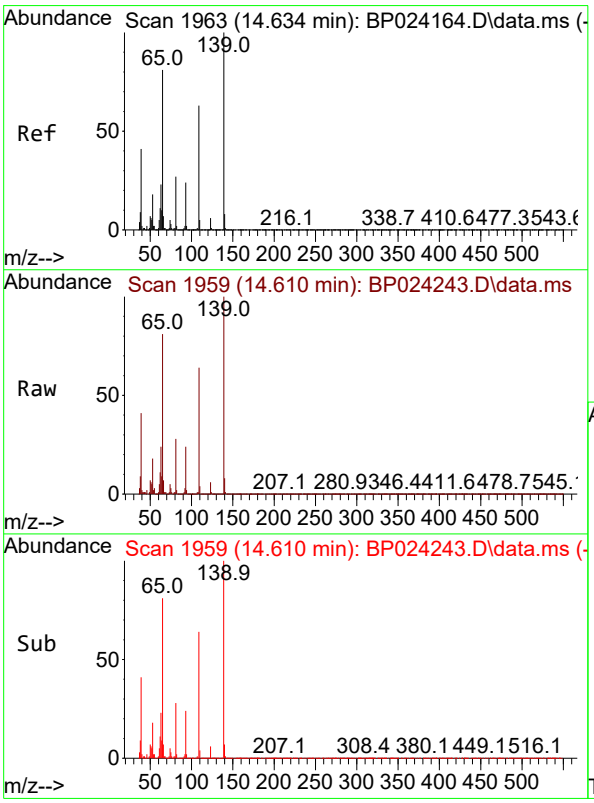
#55
Dibenzofuran
Concen: 40.673 ng
RT: 14.787 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 2685626

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.1	43.7
169	13.5	10.8	16.2

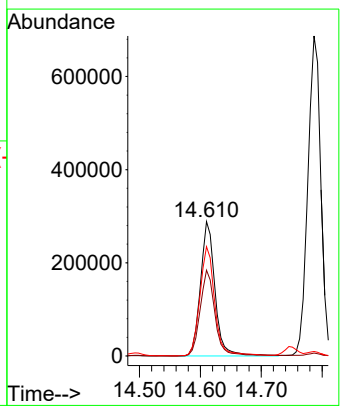


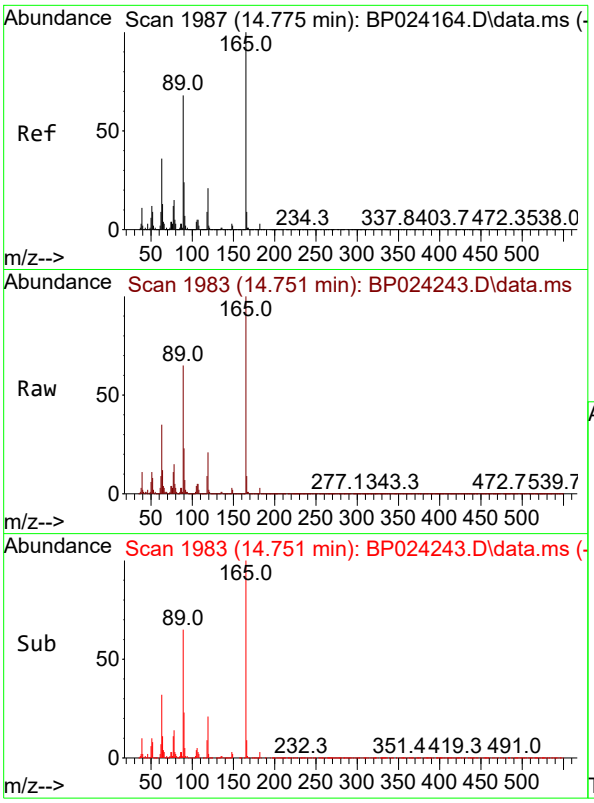


#56
4-Nitrophenol
Concen: 48.367 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:139 Resp: 479403

Ion	Ratio	Lower	Upper
139	100		
109	63.8	43.3	83.3
65	81.2	61.2	101.2



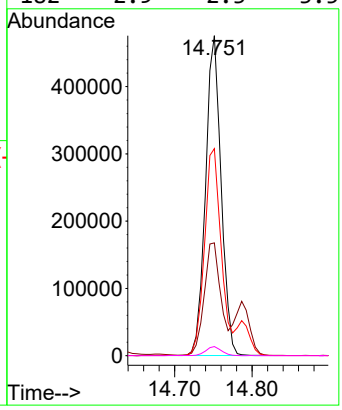


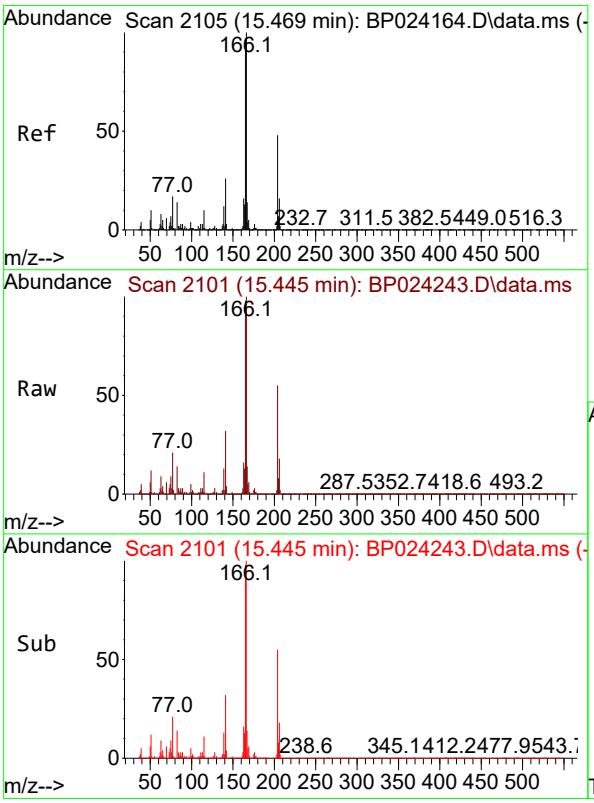
#57
2,4-Dinitrotoluene
Concen: 45.693 ng
RT: 14.751 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 662877

Ion	Ratio	Lower	Upper
165	100		
63	35.2	29.0	43.6
89	64.7	54.2	81.4
182	2.9	2.3	3.5

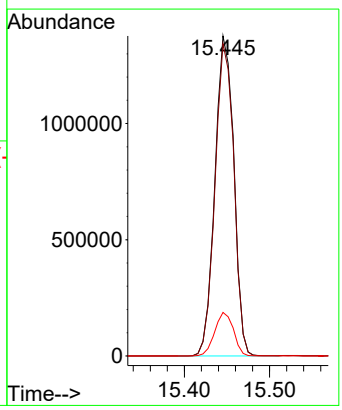


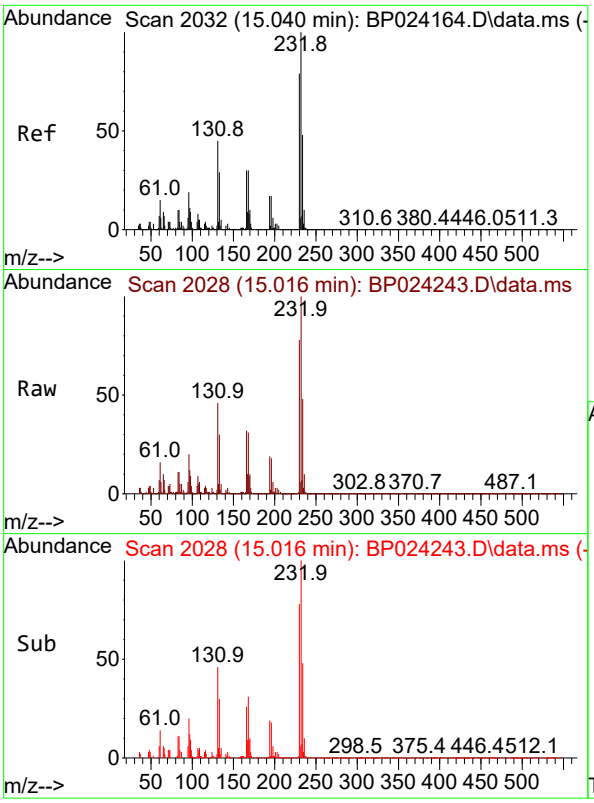


#58
Fluorene
Concen: 41.301 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:166 Resp: 2124806

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.6	116.4
167	13.6	10.8	16.2



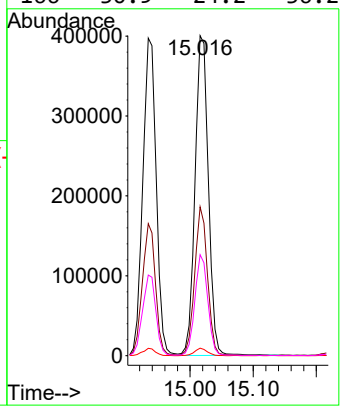


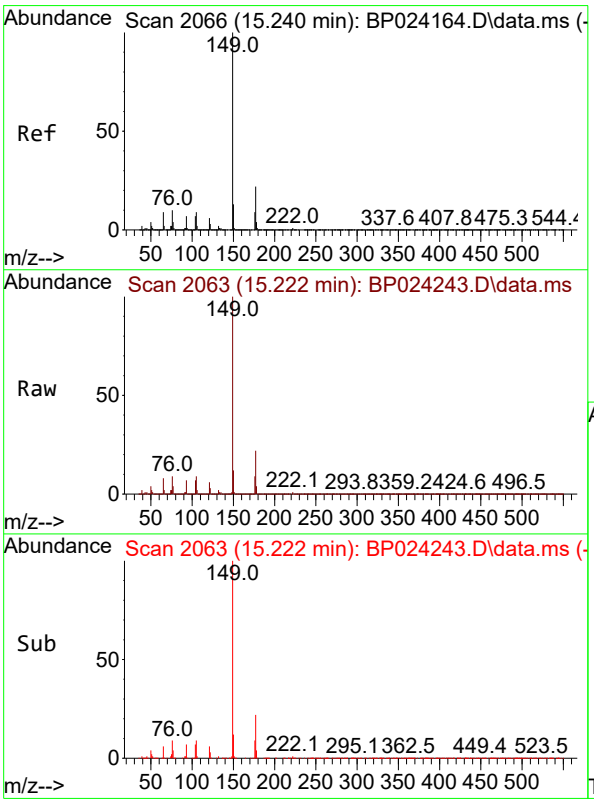
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.009 ng
RT: 15.016 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 584379

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.2	1.8	2.6
166	30.9	24.2	36.2

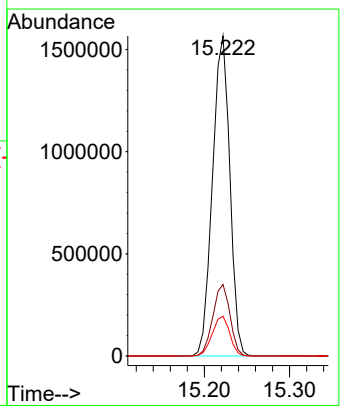


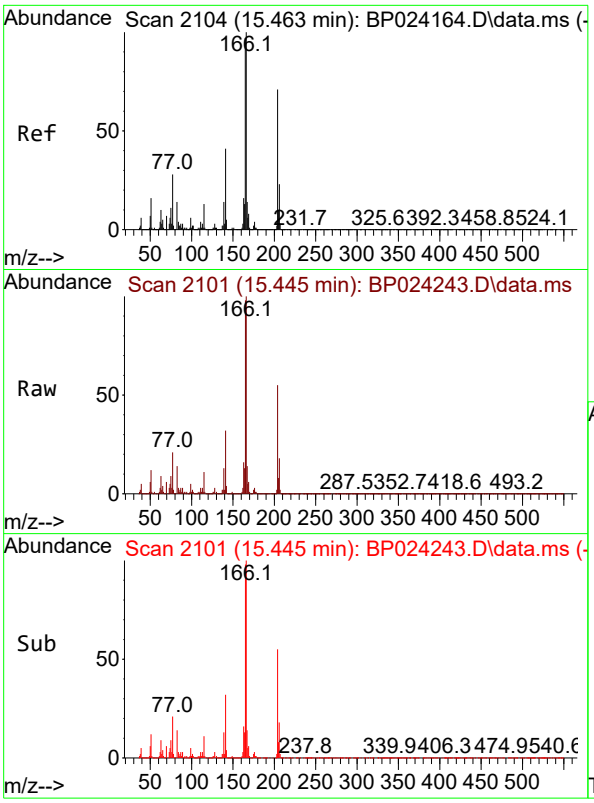


#60
Diethylphthalate
Concen: 42.507 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:149 Resp: 2209545

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.4	10.2	15.4



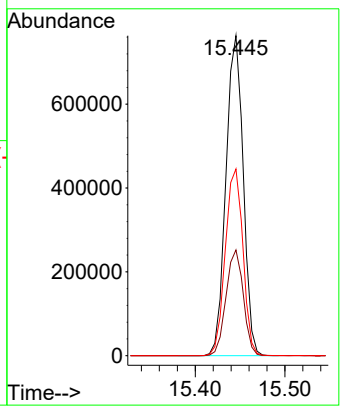


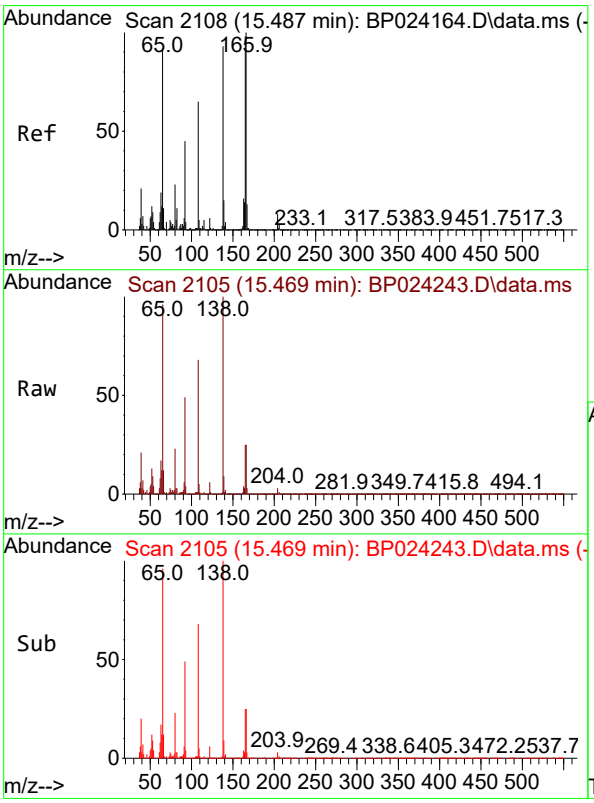
#61
4-Chlorophenyl-phenylether
Concen: 40.466 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 1021081

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	58.3	45.8	68.8

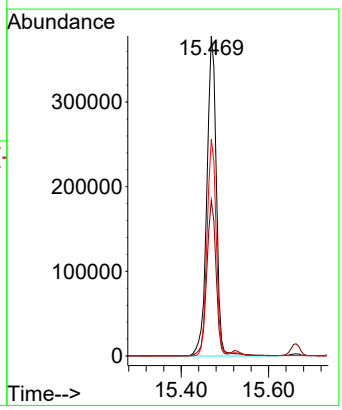


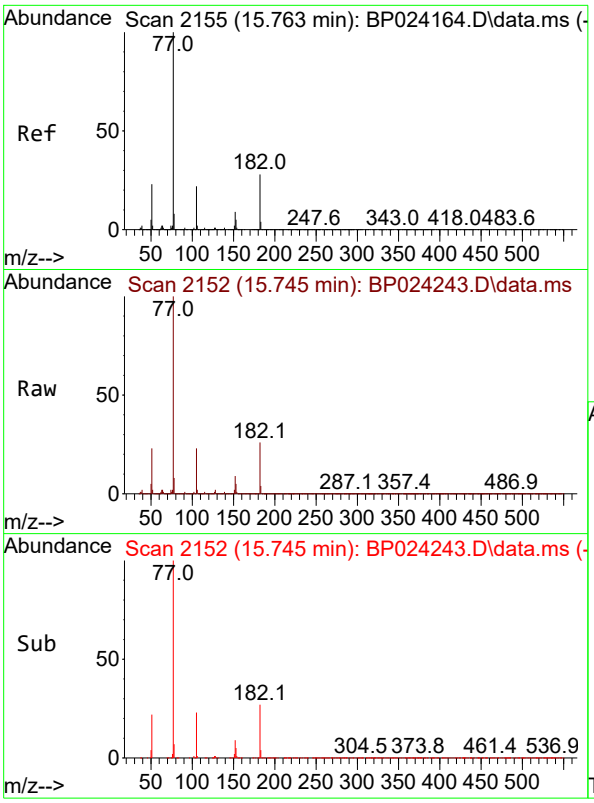


#62
4-Nitroaniline
Concen: 46.082 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:138 Resp: 573319

Ion	Ratio	Lower	Upper
138	100		
92	48.7	28.7	68.7
108	67.7	49.5	89.5



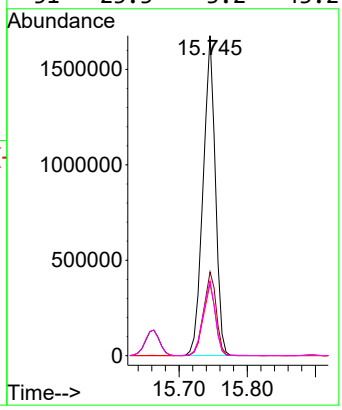


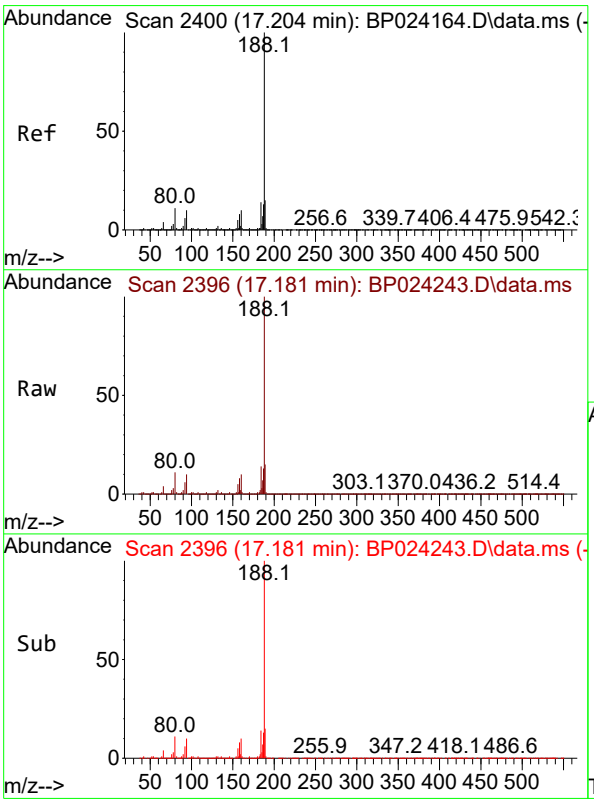
#63
Azobenzene
Concen: 42.713 ng
RT: 15.745 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 2092657

Ion	Ratio	Lower	Upper
77	100		
182	26.2	7.7	47.7
105	22.6	2.3	42.3
51	23.3	3.2	43.2

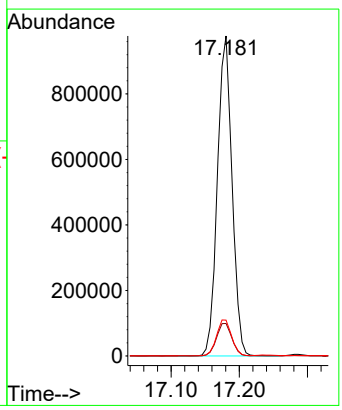


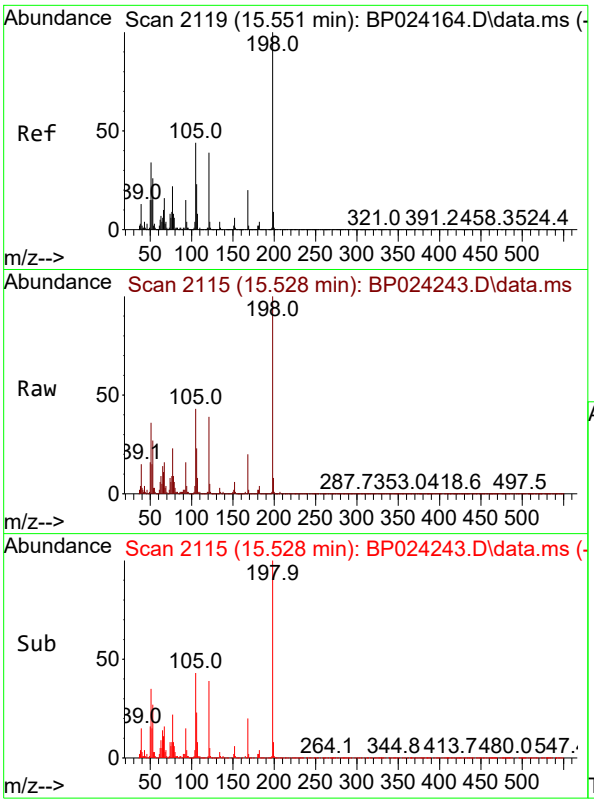


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:188 Resp: 1461391

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.2	8.9	13.3



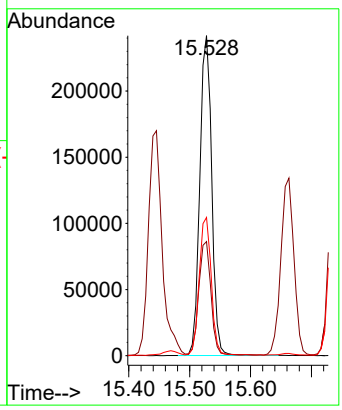


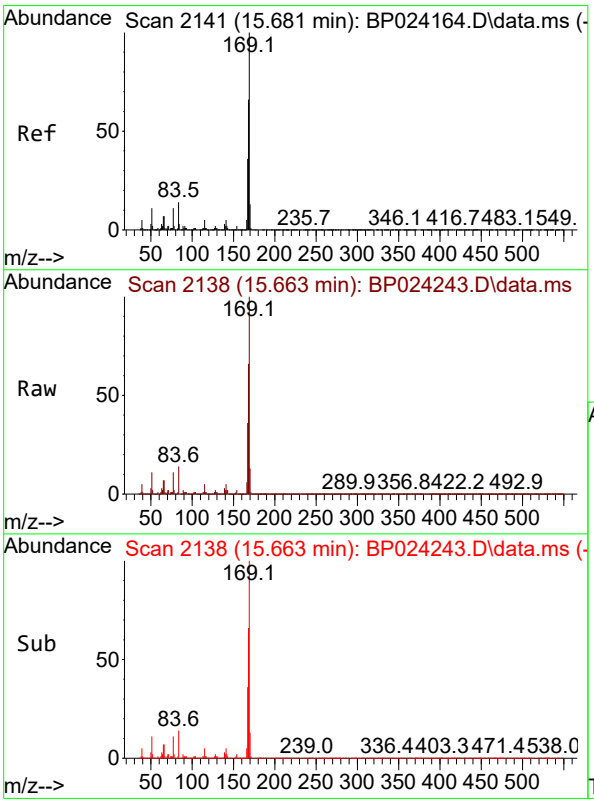
#65
4,6-Dinitro-2-methylphenol
Concen: 37.697 ng
RT: 15.528 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 327048

Ion	Ratio	Lower	Upper
198	100		
51	35.7	14.7	54.7
105	43.2	23.8	63.8

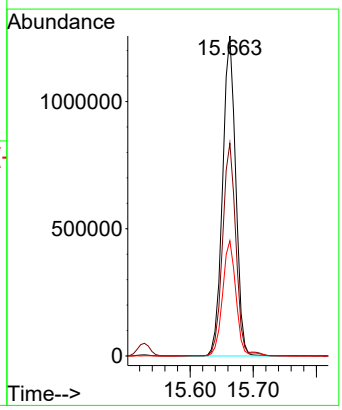


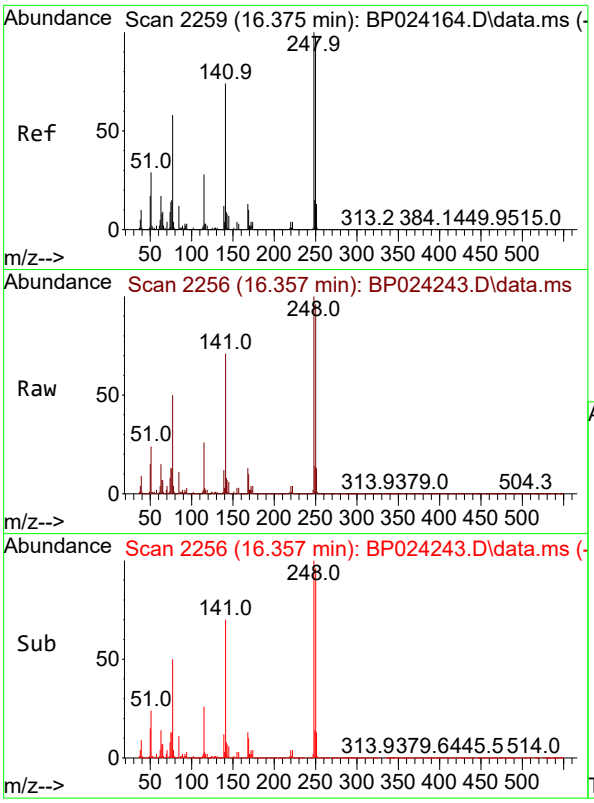


#66
n-Nitrosodiphenylamine
Concen: 40.878 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:169 Resp: 1814075

Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.9	79.3
167	36.0	28.8	43.2



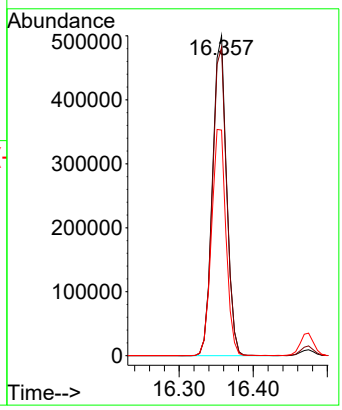


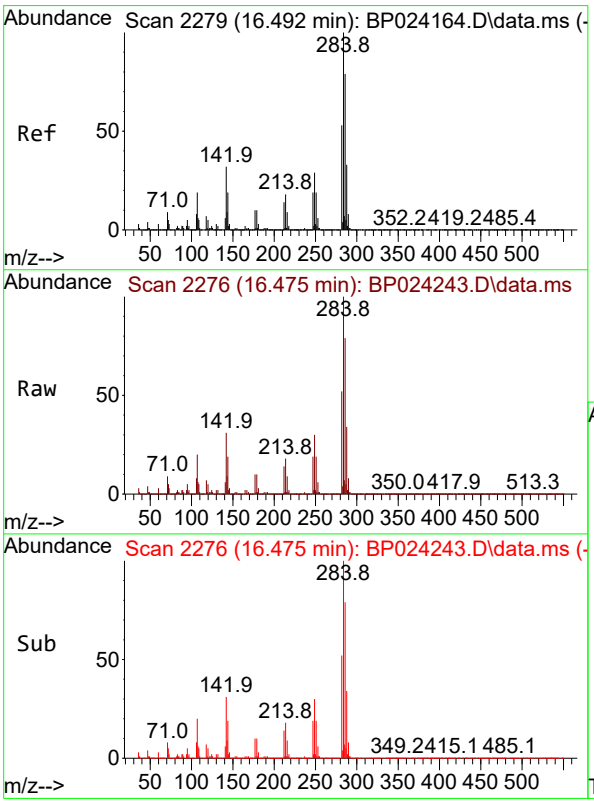
#67
4-Bromophenyl-phenylether
Concen: 40.979 ng
RT: 16.357 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 657498

Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.4	117.6
141	70.5	59.4	89.0

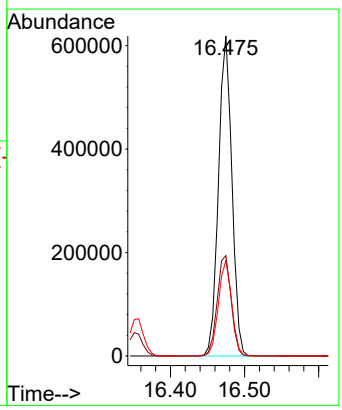


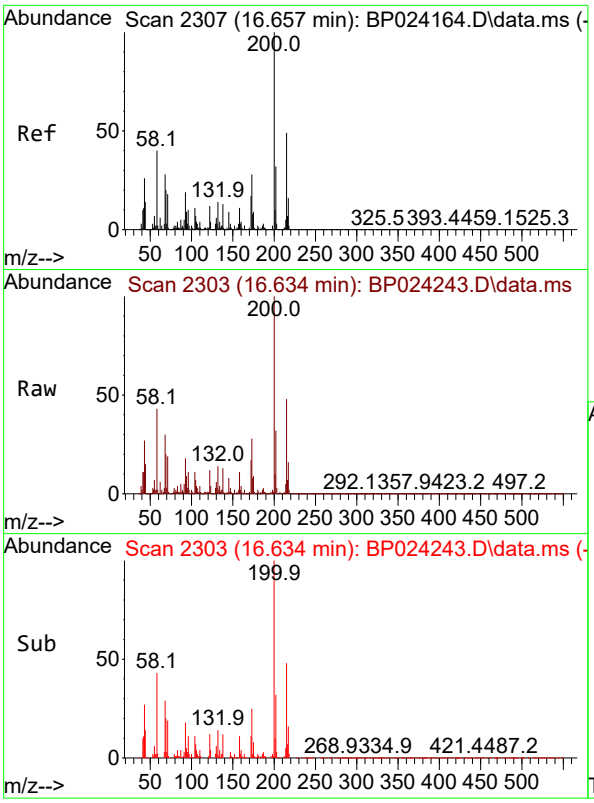


#68
Hexachlorobenzene
Concen: 40.888 ng
RT: 16.475 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:284 Resp: 776475

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.4	38.2
249	29.8	23.5	35.3



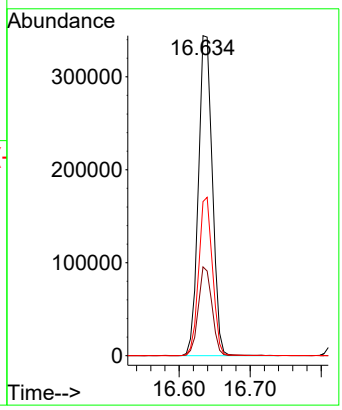


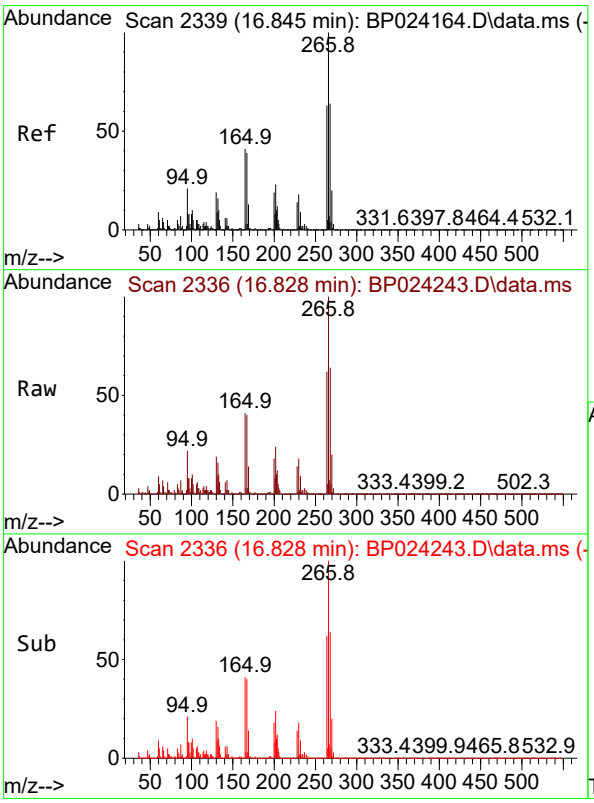
#69
Atrazine
Concen: 44.117 ng
RT: 16.634 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 472555

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.6	47.6
215	48.2	29.0	69.0

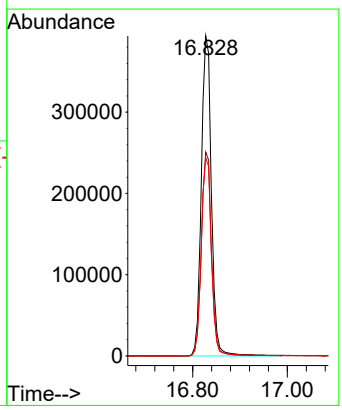


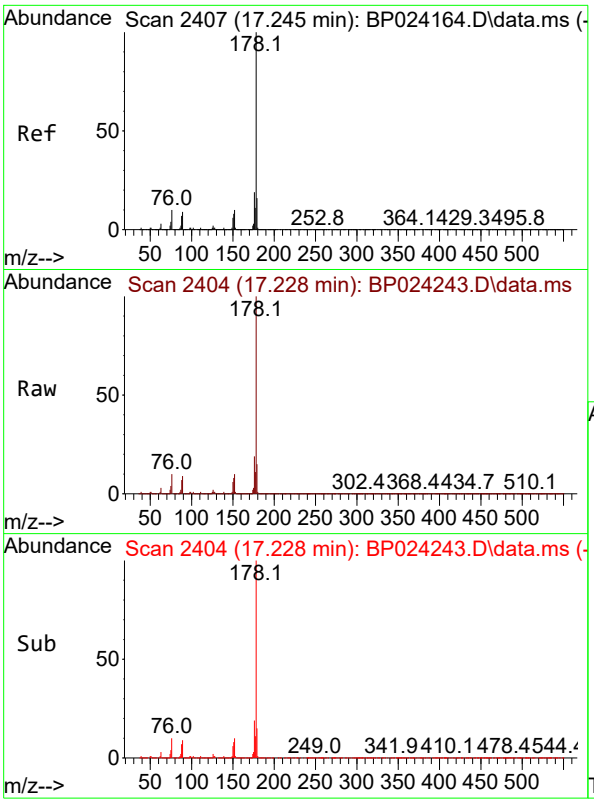


#70
Pentachlorophenol
Concen: 47.363 ng
RT: 16.828 min Scan# 2336
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:266 Resp: 581658

Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.3	76.9
264	61.9	50.6	76.0



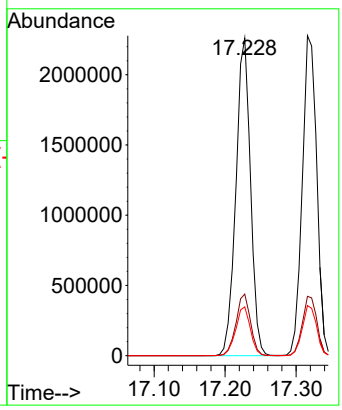


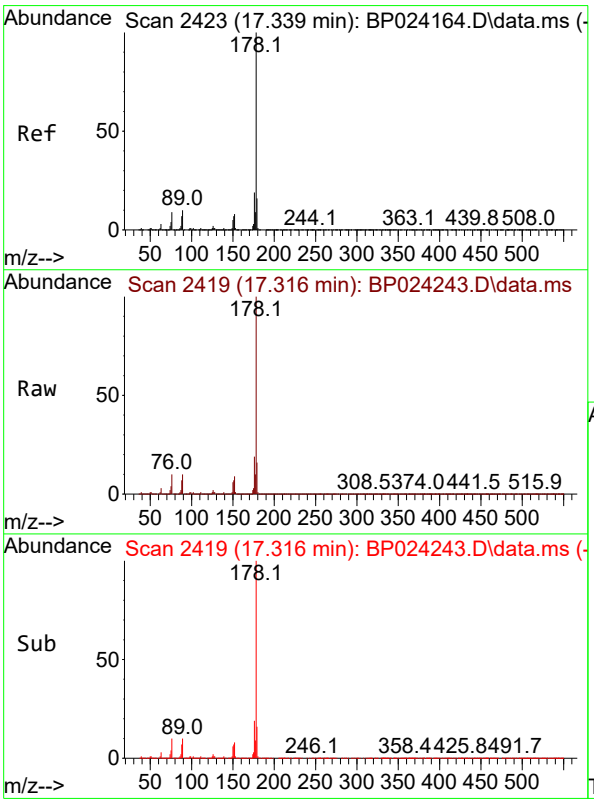
#71
Phenanthrene
Concen: 40.488 ng
RT: 17.228 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 3232332

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.4	12.5	18.7

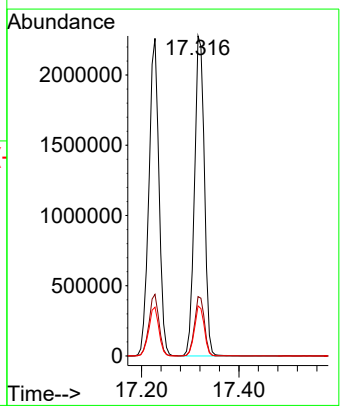


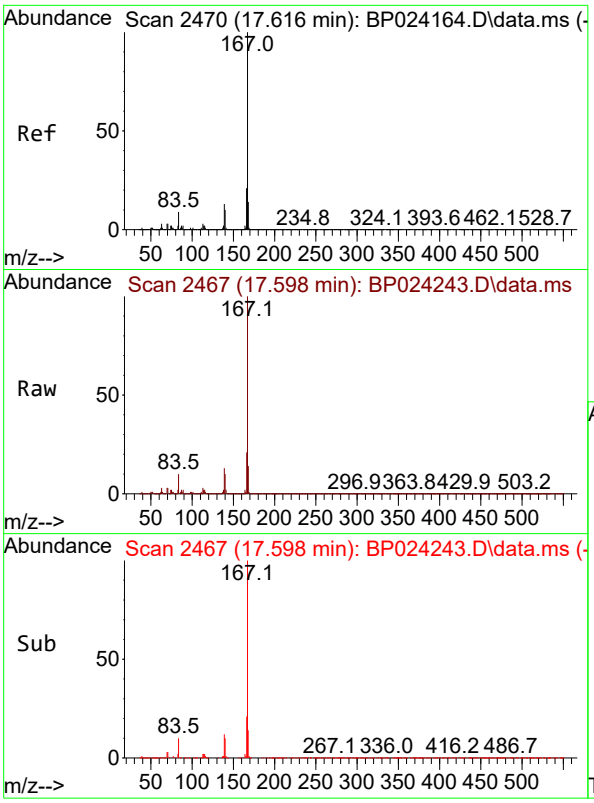


#72
Anthracene
Concen: 41.462 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:178 Resp: 3223966

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.6	12.6	18.8



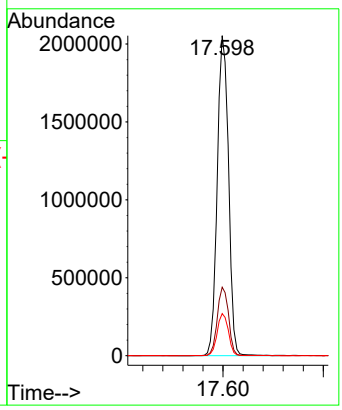


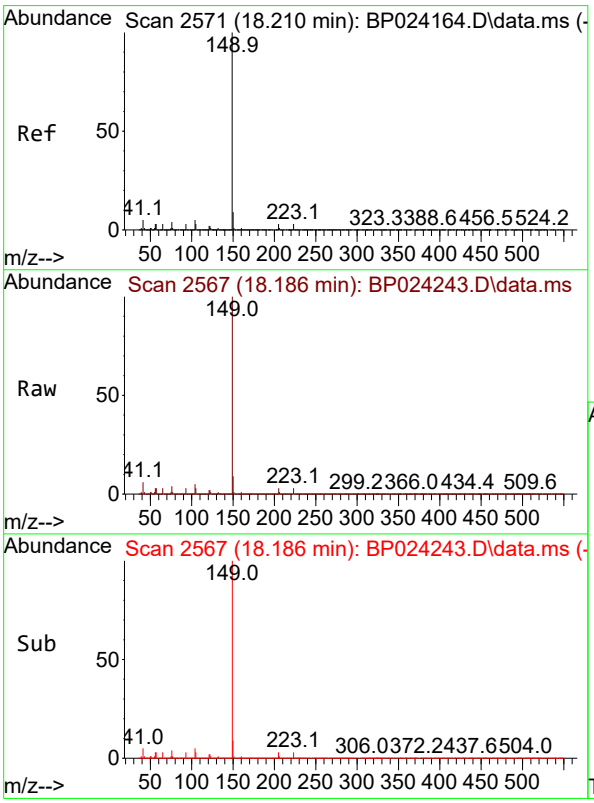
#73
Carbazole
Concen: 42.628 ng
RT: 17.598 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 3196479

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.1	10.2	15.4

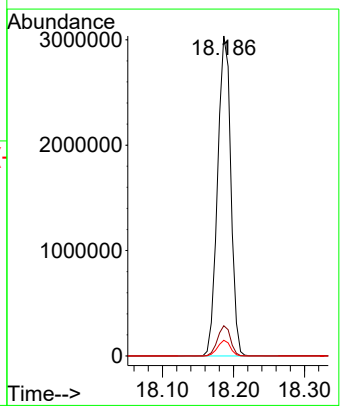


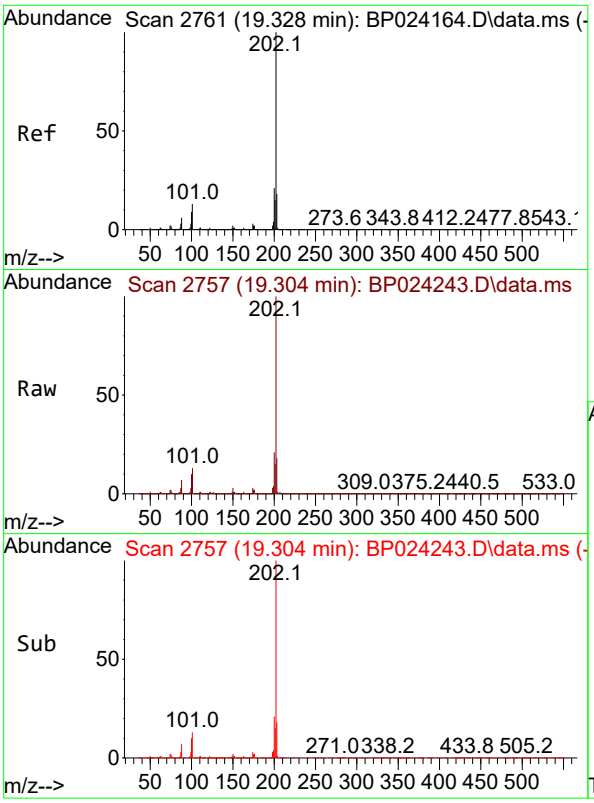


#74
Di-n-butylphthalate
Concen: 43.854 ng
RT: 18.186 min Scan# 2567
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:149 Resp: 3903701

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.9	3.9	5.9



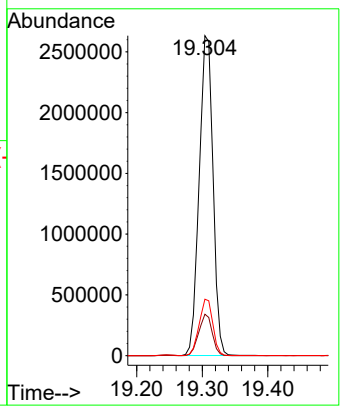


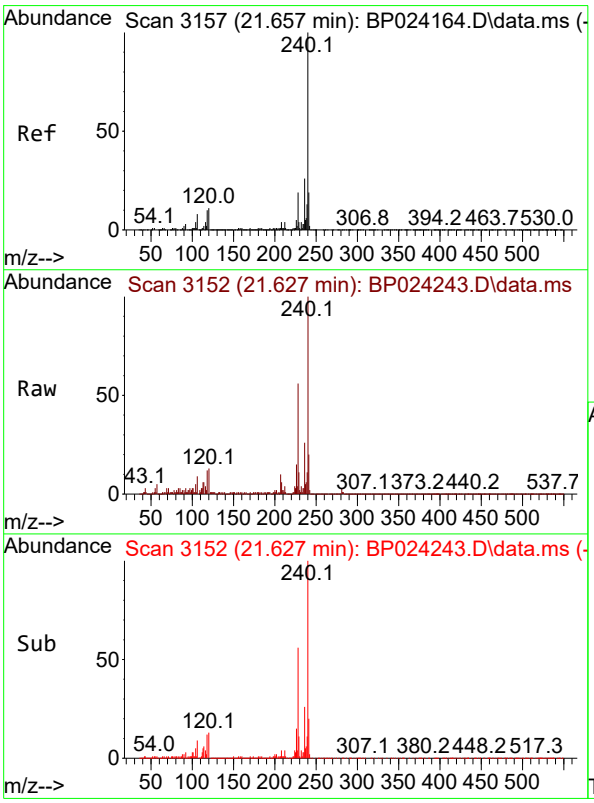
#75
Fluoranthene
Concen: 41.850 ng
RT: 19.304 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 3869566

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.5
203	17.6	0.0	37.9

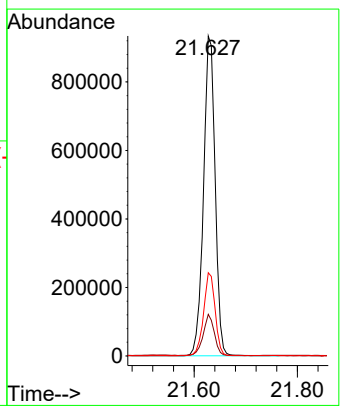


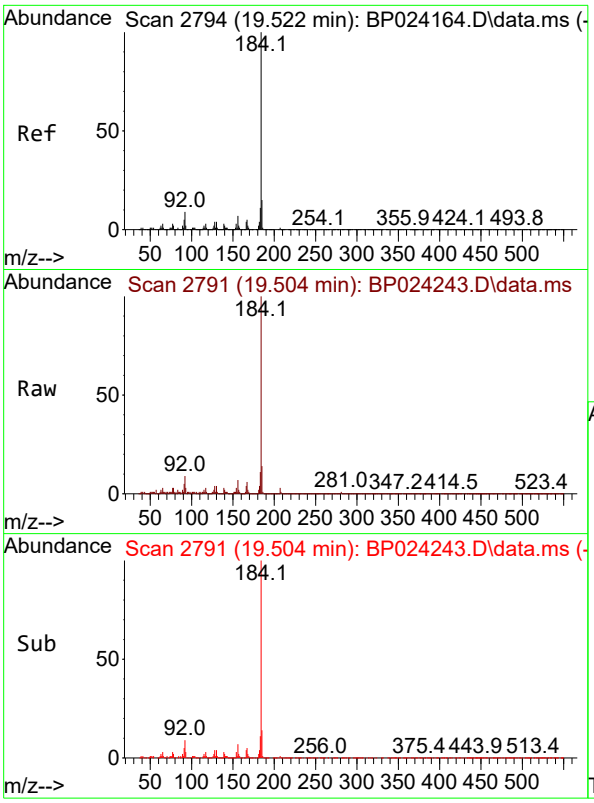


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:240 Resp: 1456577

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.2	13.8
236	26.0	20.4	30.6



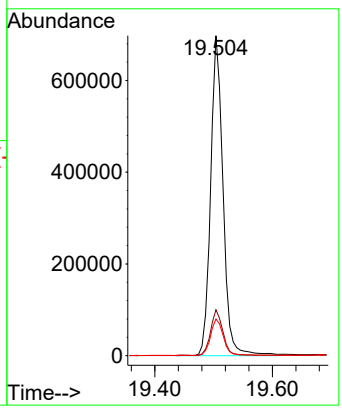


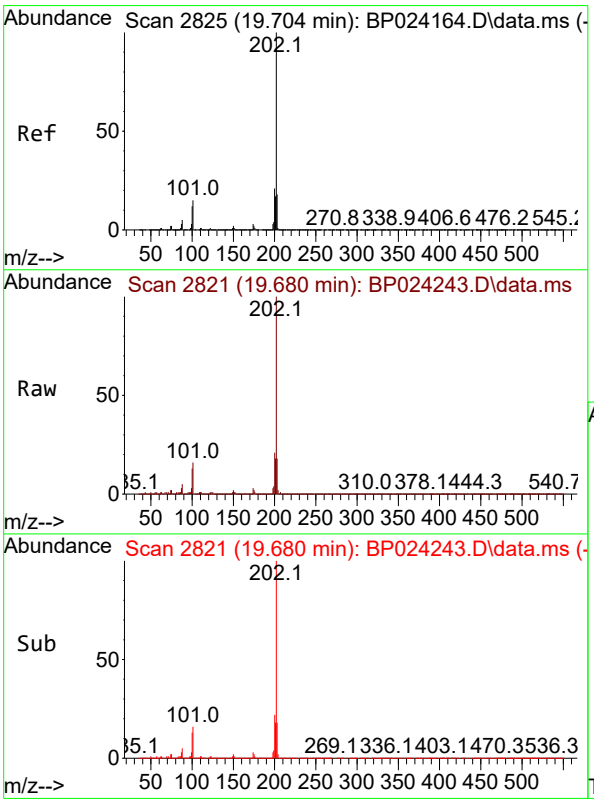
#77
Benzidine
Concen: 64.100 ng
RT: 19.504 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 1020809

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.6
183	11.5	9.1	13.7

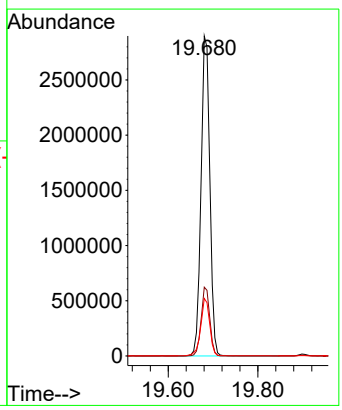


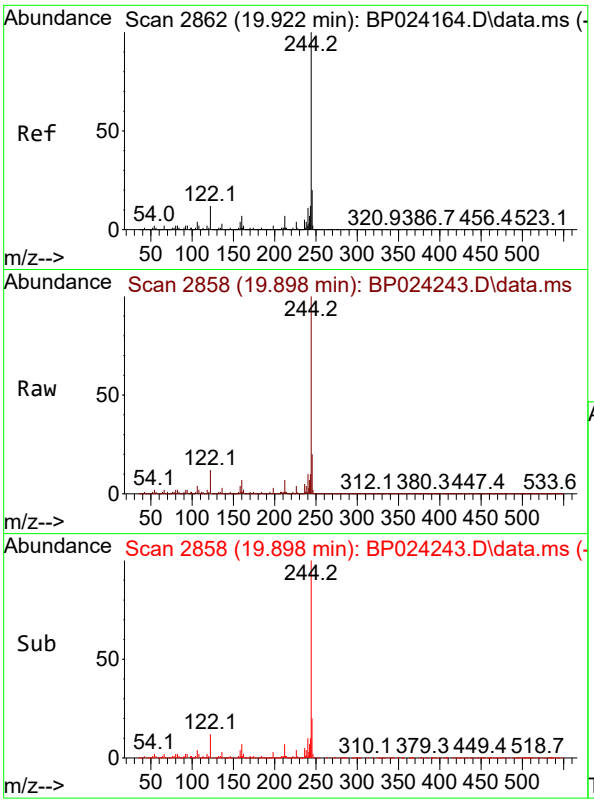


#78
Pyrene
Concen: 43.543 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:202 Resp: 3942980

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.0	14.2	21.4



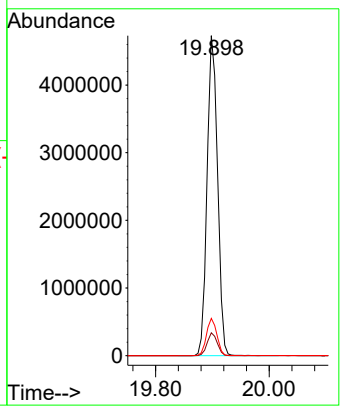


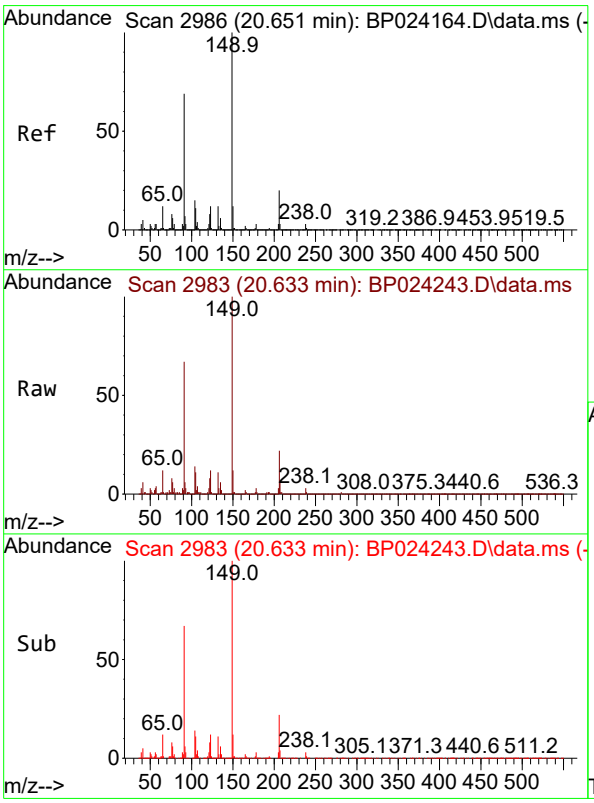
#79
Terphenyl-d14
Concen: 85.292 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 6018426

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.6	9.6	14.4

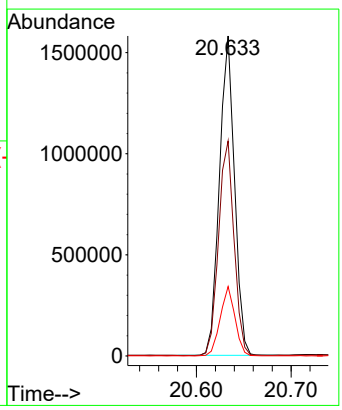


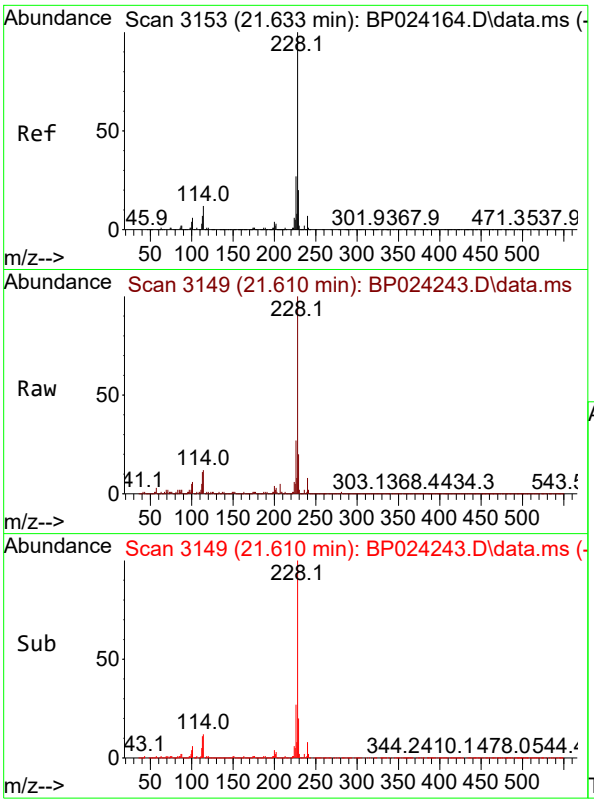


#80
Butylbenzylphthalate
Concen: 47.019 ng
RT: 20.633 min Scan# 2983
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:149 Resp: 1755848

Ion	Ratio	Lower	Upper
149	100		
91	67.2	55.3	82.9
206	21.7	16.1	24.1



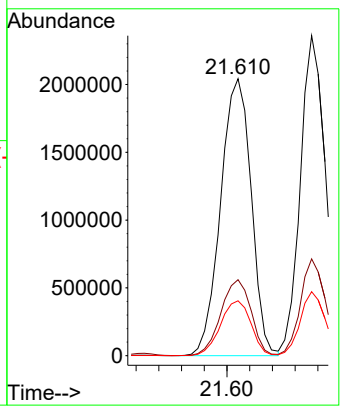


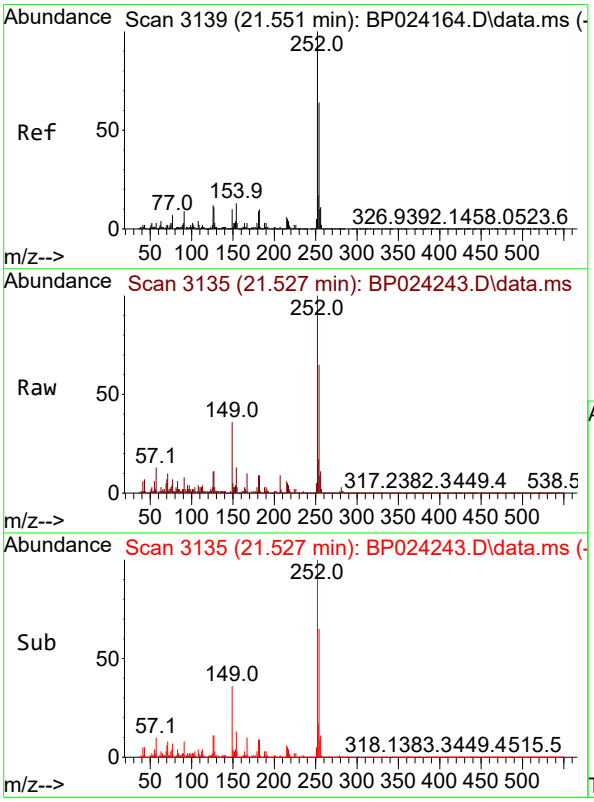
#81
Benzo(a)anthracene
Concen: 42.216 ng
RT: 21.610 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 3823065

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.8	16.0	24.0

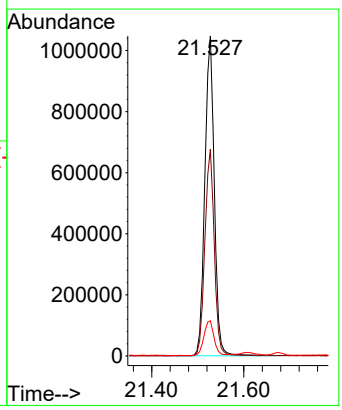


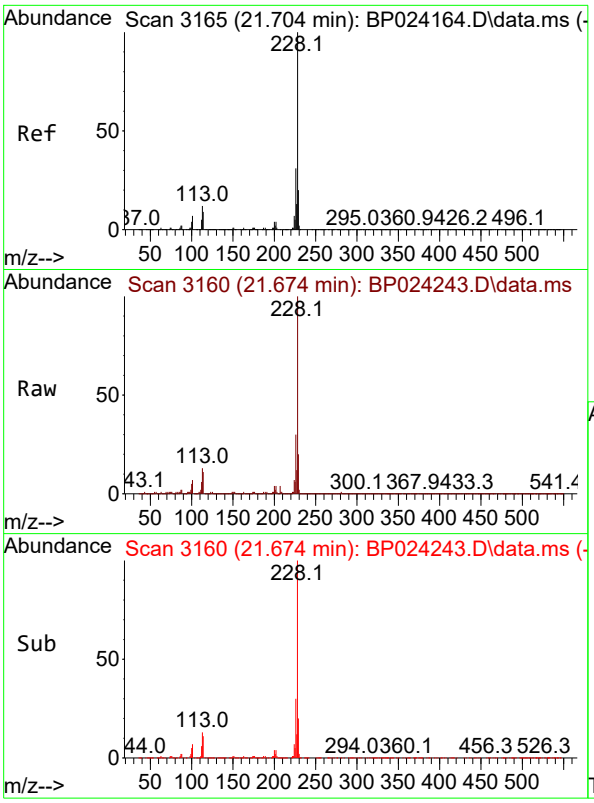


#82
3,3'-Dichlorobenzidine
Concen: 49.574 ng
RT: 21.527 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:252 Resp: 1504645

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	11.0	9.3	13.9



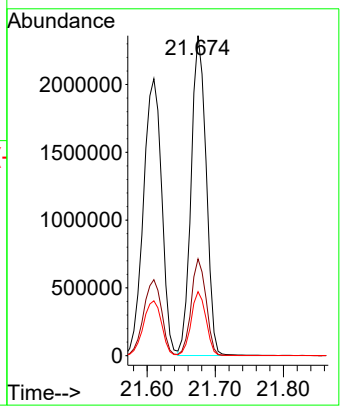


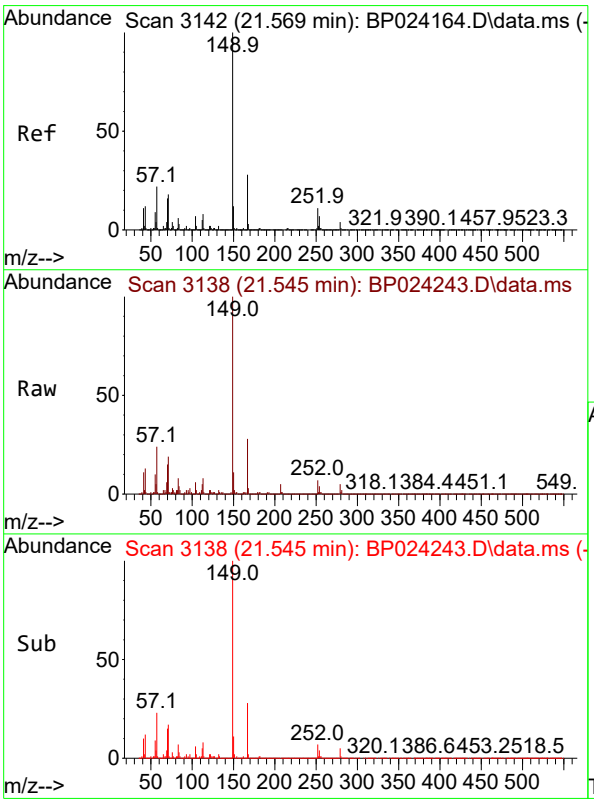
#83
Chrysene
Concen: 41.237 ng
RT: 21.674 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 3589965

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	20.0	16.2	24.2

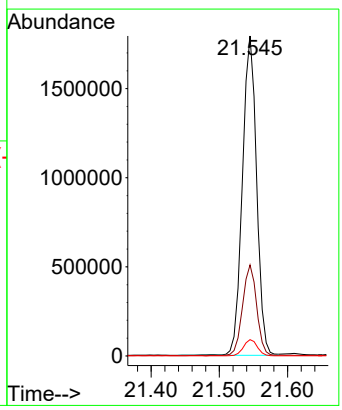


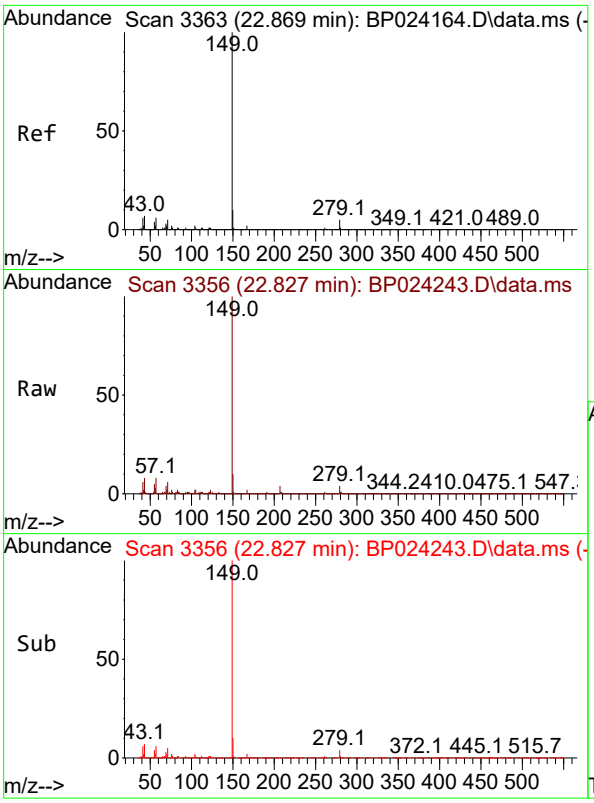


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.881 ng
RT: 21.545 min Scan# 3138
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:149 Resp: 2585259

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	5.1	3.6	5.4



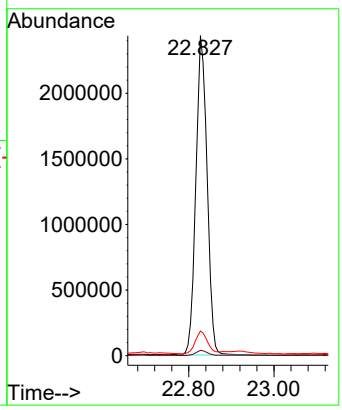


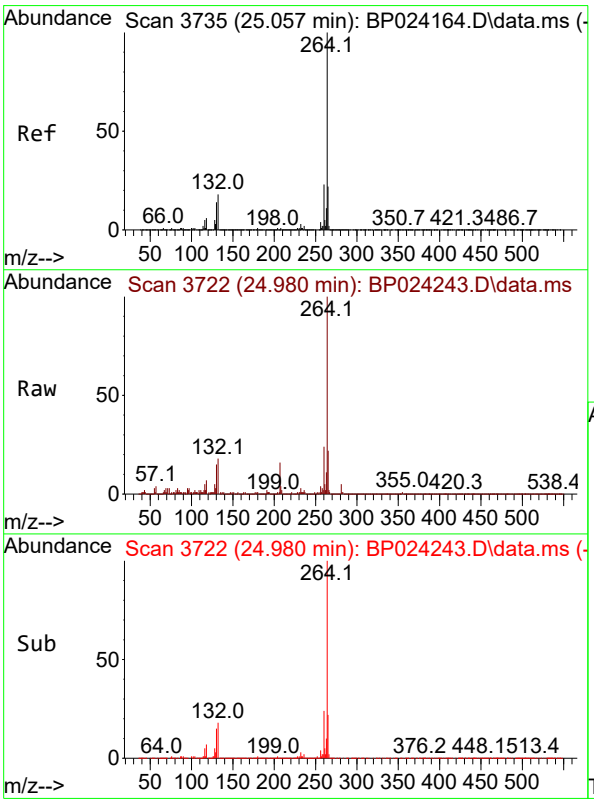
#85
Di-n-octyl phthalate
Concen: 49.446 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 4463969

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	5.8	8.8

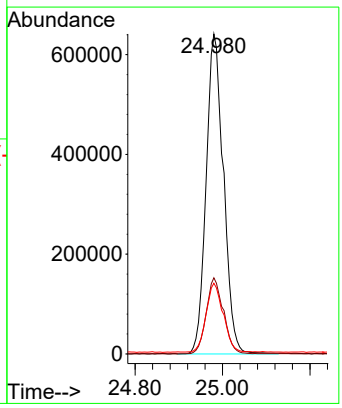


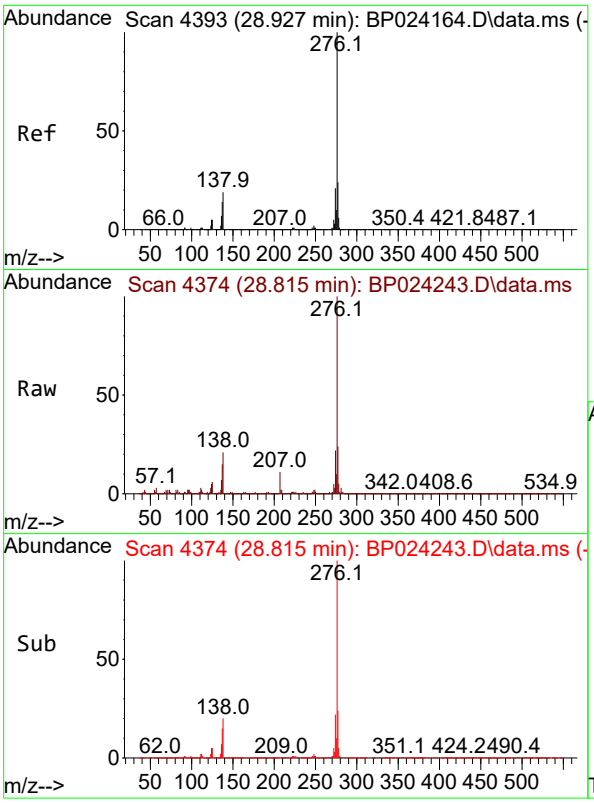


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3722
Delta R.T. -0.077 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:264 Resp: 1774706

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.1	17.7	26.5



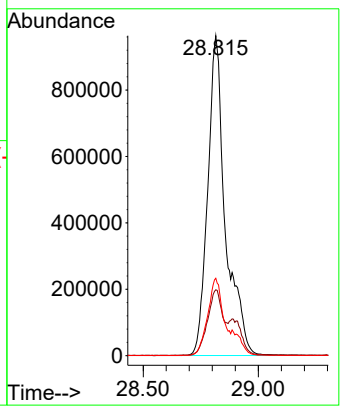


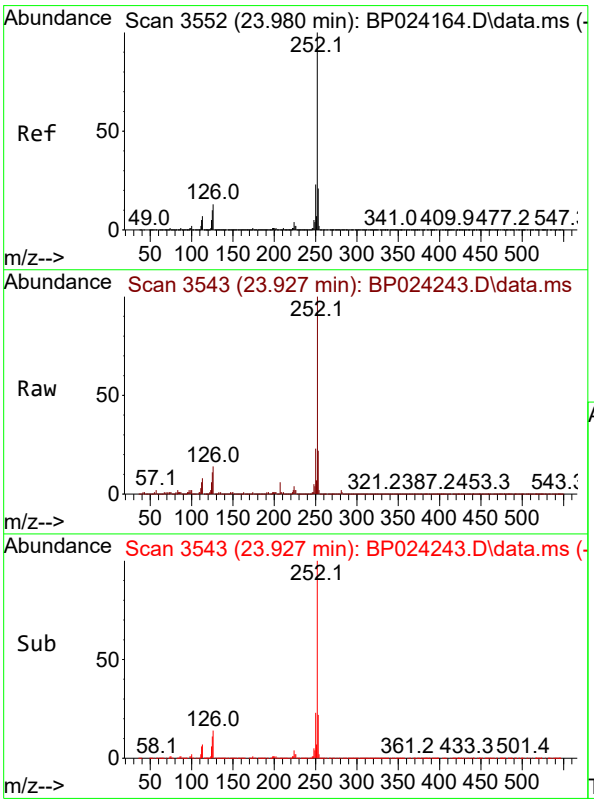
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.648 ng
RT: 28.815 min Scan# 4
Delta R.T. -0.112 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 5158569

Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.7	20.5
277	21.1	20.2	30.2

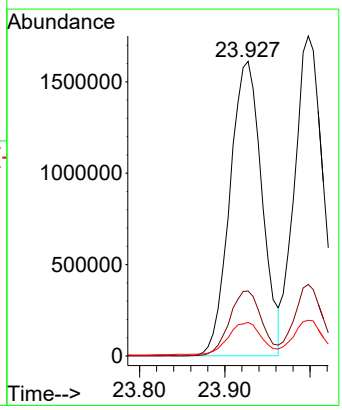


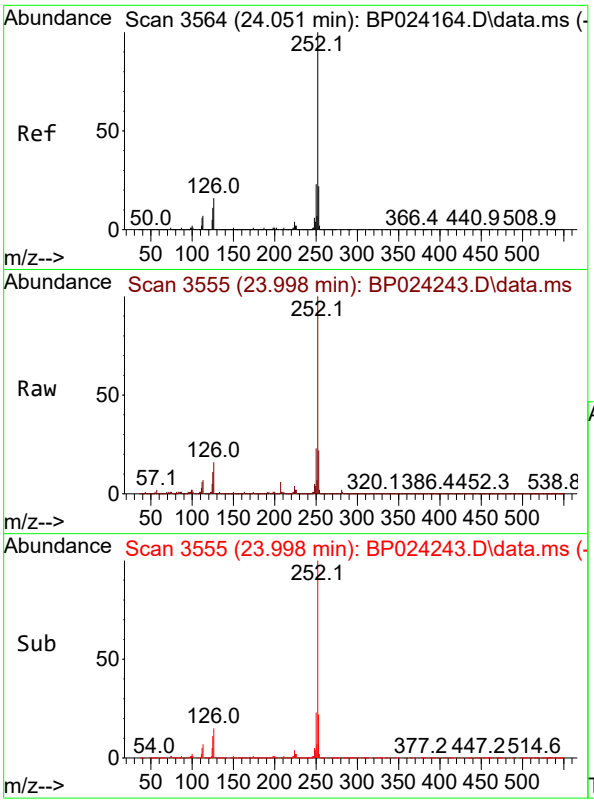


#88
Benzo(b)fluoranthene
Concen: 39.463 ng
RT: 23.927 min Scan# 3543
Delta R.T. -0.053 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:252 Resp: 4222660

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.4	8.2	12.4



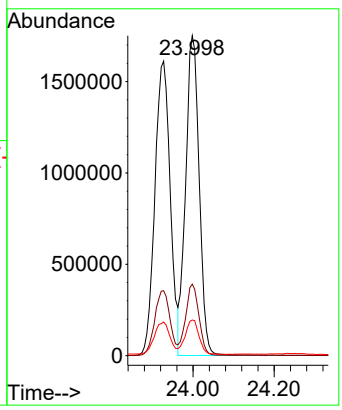


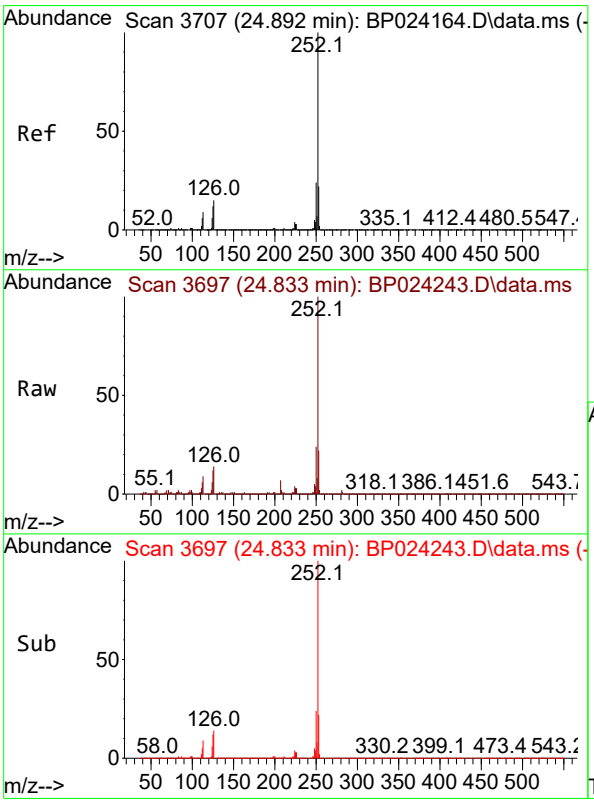
#89
Benzo(k)fluoranthene
Concen: 38.797 ng
RT: 23.998 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 4060841

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.1	9.1	13.7

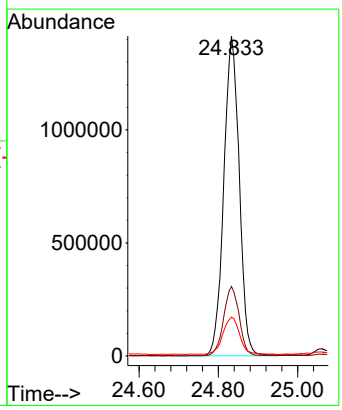


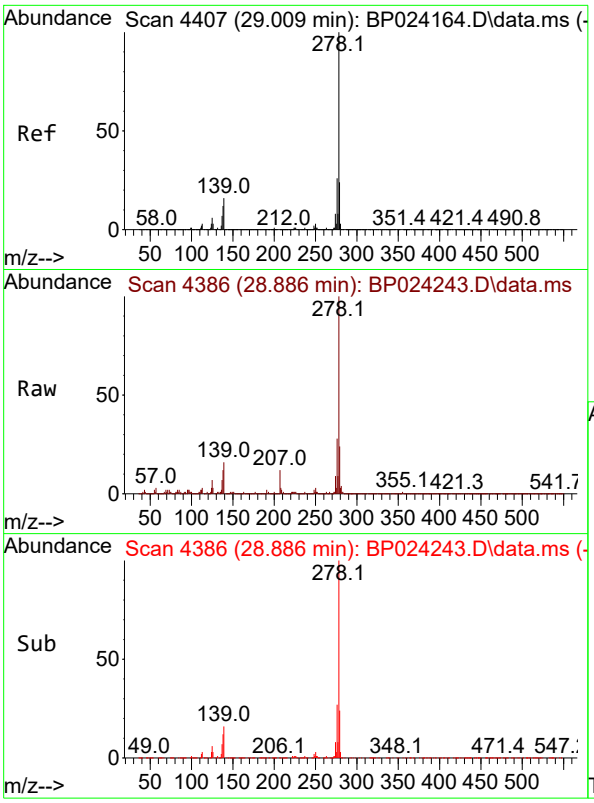


#90
Benzo(a)pyrene
Concen: 41.077 ng
RT: 24.833 min Scan# 3697
Delta R.T. -0.059 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:252 Resp: 3822119

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	12.1	9.6	14.4



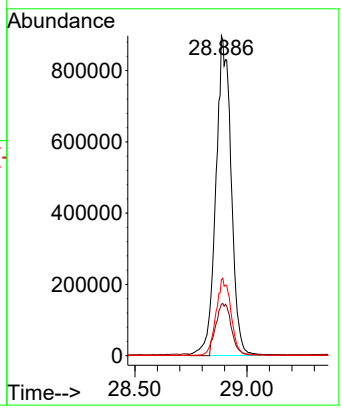


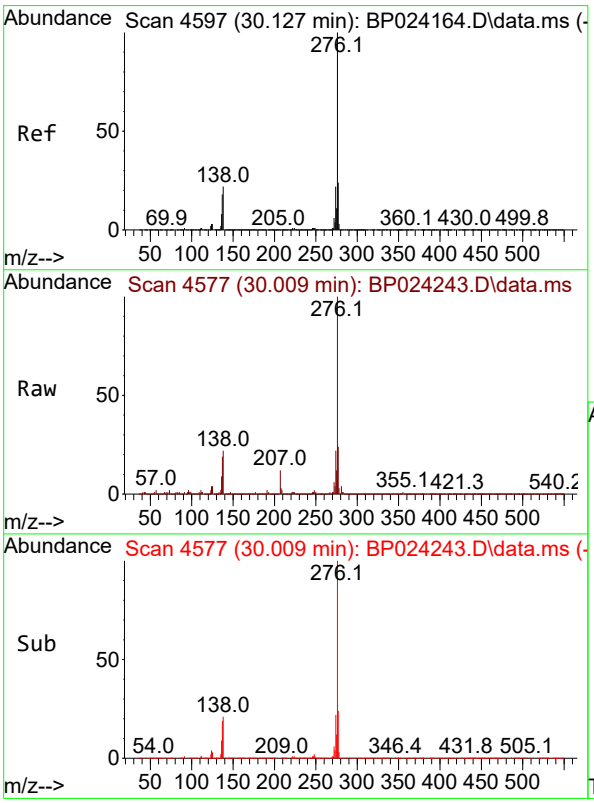
#91
Dibenzo(a,h)anthracene
Concen: 41.295 ng
RT: 28.886 min Scan# 4
Delta R.T. -0.124 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 4255246

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.4
279	23.8	18.8	28.2

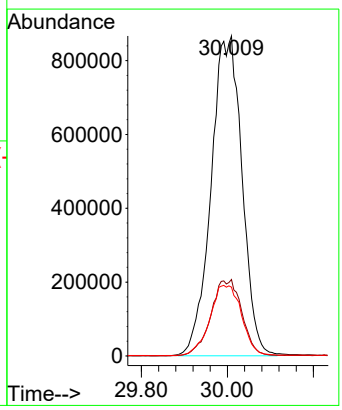




#92
Benzo(g,h,i)perylene
Concen: 41.245 ng m
RT: 30.009 min Scan# 4577
Delta R.T. -0.118 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:276 Resp: 4320475

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	21.5	17.4	26.2



Sample Results: **BP024243.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	75	-0.03
2		1,4-Dioxane	0.497	0.507	-2.0	81	-0.02
3		Pyridine	1.358	1.378	-1.5	79	-0.02
4		n-Nitrosodimethylamine	0.454	0.456	-0.4	79	-0.02
5	S	2-Fluorophenol	1.253	1.314	-4.9	81	-0.02
6		Aniline	1.527	1.587	-3.9	80	-0.03
7	S	Phenol-d6	1.675	1.750	-4.5	80	-0.02
8		2-Chlorophenol	1.353	1.406	-3.9	81	-0.03
9		Benzaldehyde	0.809	0.906	-12.0	87	-0.03
10	C	Phenol	1.691	1.751	-3.5	81	-0.02
11		bis(2-Chloroethyl)ether	1.334	1.331	0.2	78	-0.02
12		1,3-Dichlorobenzene	1.459	1.490	-2.1	80	-0.03
13	C	1,4-Dichlorobenzene	1.490	1.501	-0.7	80	-0.04
14		1,2-Dichlorobenzene	1.430	1.444	-1.0	80	-0.03
15		Benzyl Alcohol	1.061	1.160	-9.3	83	-0.03
16		2,2'-oxybis(1-Chloropropane	1.361	1.377	-1.2	80	-0.04
17		2-Methylphenol	1.061	1.128	-6.3	81	-0.03
18		Hexachloroethane	0.529	0.539	-1.9	80	-0.03
19	P	n-Nitroso-di-n-propylamine	0.972	1.022	-5.1	80	-0.03
20		3+4-Methylphenols	1.457	1.572	-7.9	82	-0.03
21	I	Naphthalene-d8	1.000	1.000	0.0	76	-0.03
22		Acetophenone	0.506	0.520	-2.8	80	-0.03
23	S	Nitrobenzene-d5	0.354	0.369	-4.2	80	-0.03
24		Nitrobenzene	0.350	0.364	-4.0	81	-0.03
25		Isophorone	0.608	0.663	-9.0	84	-0.03
26	C	2-Nitrophenol	0.167	0.188	-12.6	84	-0.03
27		2,4-Dimethylphenol	0.215	0.231	-7.4	82	-0.03
28		bis(2-Chloroethoxy)methane	0.427	0.435	-1.9	79	-0.03
29	C	2,4-Dichlorophenol	0.291	0.316	-8.6	81	-0.03
30		1,2,4-Trichlorobenzene	0.321	0.325	-1.2	79	-0.03
31		Naphthalene	1.060	1.091	-2.9	80	-0.03
32		Benzoic acid	0.209	0.280	-34.0#	97	-0.03
33		4-Chloroaniline	0.379	0.413	-9.0	83	-0.03
34	C	Hexachlorobutadiene	0.185	0.188	-1.6	79	-0.04
35		Caprolactam	0.095	0.118	-24.2	92	-0.03
36	C	4-Chloro-3-methylphenol	0.313	0.361	-15.3	87	-0.03
37		2-Methylnaphthalene	0.716	0.753	-5.2	81	-0.02
38		1-Methylnaphthalene	0.697	0.733	-5.2	83	-0.03
39	I	Acenaphthene-d10	1.000	1.000	0.0	80	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.567	1.9	81	-0.03
41	P	Hexachlorocyclopentadiene	0.208	0.176	15.4	66	-0.02
42	S	2,4,6-Tribromophenol	0.252	0.290	-15.1	92	-0.02
43	C	2,4,6-Trichlorophenol	0.367	0.392	-6.8	84	-0.03
44		2,4,5-Trichlorophenol	0.403	0.432	-7.2	85	-0.02
45	S	2-Fluorobiphenyl	1.356	1.326	2.2	81	-0.02
46		1,1'-Biphenyl	1.503	1.493	0.7	82	-0.02
47		2-Chloronaphthalene	1.130	1.137	-0.6	83	-0.02

Sample Results: **BP024243.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	92	-0.03
49		Acenaphthylene	1.710	1.796	-5.0	87	-0.03
50		Dimethylphthalate	1.399	1.465	-4.7	86	-0.02
51		2,6-Dinitrotoluene	0.294	0.318	-8.2	87	-0.02
52	C	Acenaphthene	1.093	1.121	-2.6	85	-0.02
53		3-Nitroaniline	0.318	0.354	-11.3	88	-0.02
54	P	2,4-Dinitrophenol	0.156	0.152	2.6	76	-0.03
55		Dibenzofuran	1.770	1.800	-1.7	84	-0.02
56	P	4-Nitrophenol	0.266	0.321	-20.7	93	-0.02
57		2,4-Dinitrotoluene	0.389	0.444	-14.1	90	-0.02
58		Fluorene	1.379	1.424	-3.3	85	-0.02
59		2,3,4,6-Tetrachlorophenol	0.356	0.392	-10.1	88	-0.02
60		Diethylphthalate	1.394	1.481	-6.2	87	-0.02
61		4-Chlorophenyl-phenylether	0.676	0.684	-1.2	83	-0.02
62		4-Nitroaniline	0.334	0.384	-15.0	90	-0.02
63		Azobenzene	1.314	1.403	-6.8	87	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	85	-0.02
65		4,6-Dinitro-2-methylphenol	0.119	0.112	5.9	79	-0.02
66	c	n-Nitrosodiphenylamine	0.607	0.621	-2.3	88	-0.02
67		4-Bromophenyl-phenylether	0.220	0.225	-2.3	88	-0.02
68		Hexachlorobenzene	0.260	0.266	-2.3	89	-0.02
69		Atrazine	0.147	0.162	-10.2	101	-0.02
70	C	Pentachlorophenol	0.168	0.199	-18.5	95	-0.02
71		Phenanthrene	1.093	1.106	-1.2	87	-0.02
72		Anthracene	1.064	1.103	-3.7	88	-0.02
73		Carbazole	1.026	1.094	-6.6	89	-0.02
74		Di-n-butylphthalate	1.218	1.336	-9.7	90	-0.02
75	C	Fluoranthene	1.265	1.324	-4.7	89	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	77	-0.03
77		Benzidine	0.219	0.350	-59.8#	105	-0.02
78		Pyrene	1.243	1.354	-8.9	87	-0.02
79	S	Terphenyl-d14	0.969	1.033	-6.6	84	-0.02
80		Butylbenzylphthalate	0.513	0.603	-17.5	89	-0.02
81		Benzo(a)anthracene	1.243	1.312	-5.6	84	-0.02
82		3,3'-Dichlorobenzidine	0.417	0.517	-24.0	93	-0.02
83		Chrysene	1.195	1.232	-3.1	82	-0.03
84		Bis(2-ethylhexyl)phthalate	0.774	0.887	-14.6	87	-0.02
85	c	Di-n-octyl phthalate	1.240	1.532	-23.5#	93	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	87	-0.08
87		Indeno(1,2,3-cd)pyrene	1.396	1.453	-4.1	92	-0.11
88		Benzo(b)fluoranthene	1.206	1.190	1.3	87	-0.05
89		Benzo(k)fluoranthene	1.180	1.144	3.1	88	-0.05
90	C	Benzo(a)pyrene	1.049	1.077	-2.7	91	-0.06
91		Dibenzo(a,h)anthracene	1.161	1.199	-3.3	92	-0.12
92		Benzo(g,h,i)perylene	1.180	1.217	-3.1	92	-0.12

Sample Results: **BP024243.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BP024243.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	75	-0.03
2		1,4-Dioxane	40.000	40.808	-2.0	81	-0.02
3		Pyridine	40.000	40.586	-1.5	79	-0.02
4		n-Nitrosodimethylamine	40.000	40.177	-0.4	79	-0.02
5	S	2-Fluorophenol	80.000	83.918	-4.9	81	-0.02
6		Aniline	40.000	41.588	-4.0	80	-0.03
7	S	Phenol-d6	80.000	83.561	-4.5	80	-0.02
8		2-Chlorophenol	40.000	41.543	-3.9	81	-0.03
9		Benzaldehyde	40.000	44.828	-12.1	87	-0.03
10	C	Phenol	40.000	41.412	-3.5	81	-0.02
11		bis(2-Chloroethyl)ether	40.000	39.926	0.2	78	-0.02
12		1,3-Dichlorobenzene	40.000	40.832	-2.1	80	-0.03
13	C	1,4-Dichlorobenzene	40.000	40.282	-0.7	80	-0.04
14		1,2-Dichlorobenzene	40.000	40.380	-1.0	80	-0.03
15		Benzyl Alcohol	40.000	43.732	-9.3	83	-0.03
16		2,2'-oxybis(1-Chloropropane	40.000	40.450	-1.1	80	-0.04
17		2-Methylphenol	40.000	42.525	-6.3	81	-0.03
18		Hexachloroethane	40.000	40.814	-2.0	80	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	42.065	-5.2	80	-0.03
20		3+4-Methylphenols	40.000	43.162	-7.9	82	-0.03
21	I	Naphthalene-d8	20.000	20.000	0.0	76	-0.03
22		Acetophenone	40.000	41.156	-2.9	80	-0.03
23	S	Nitrobenzene-d5	80.000	83.245	-4.1	80	-0.03
24		Nitrobenzene	40.000	41.661	-4.2	81	-0.03
25		Isophorone	40.000	43.649	-9.1	84	-0.03
26	C	2-Nitrophenol	40.000	45.010	-12.5	84	-0.03
27		2,4-Dimethylphenol	40.000	43.082	-7.7	82	-0.03
28		bis(2-Chloroethoxy)methane	40.000	40.721	-1.8	79	-0.03
29	C	2,4-Dichlorophenol	40.000	43.526	-8.8	81	-0.03
30		1,2,4-Trichlorobenzene	40.000	40.543	-1.4	79	-0.03
31		Naphthalene	40.000	41.152	-2.9	80	-0.03
32		Benzoic acid	40.000	53.374	-33.4#	97	-0.03
33		4-Chloroaniline	40.000	43.595	-9.0	83	-0.03
34	C	Hexachlorobutadiene	40.000	40.667	-1.7	79	-0.04
35		Caprolactam	40.000	49.564	-23.9	92	-0.03
36	C	4-Chloro-3-methylphenol	40.000	46.027	-15.1	87	-0.03
37		2-Methylnaphthalene	40.000	42.040	-5.1	81	-0.02
38		1-Methylnaphthalene	40.000	42.070	-5.2	83	-0.03
39	I	Acenaphthene-d10	20.000	20.000	0.0	80	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	39.230	1.9	81	-0.03
41	P	Hexachlorocyclopentadiene	40.000	33.703	15.7	66	-0.02
42	S	2,4,6-Tribromophenol	80.000	92.095	-15.1	92	-0.02
43	C	2,4,6-Trichlorophenol	40.000	42.642	-6.6	84	-0.03
44		2,4,5-Trichlorophenol	40.000	42.864	-7.2	85	-0.02
45	S	2-Fluorobiphenyl	80.000	78.208	2.2	81	-0.02
46		1,1'-Biphenyl	40.000	39.741	0.6	82	-0.02
47		2-Chloronaphthalene	40.000	40.239	-0.6	83	-0.02

Sample Results: **BP024243.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	46.151	-15.4	92	-0.03
49		Acenaphthylene	40.000	42.011	-5.0	87	-0.03
50		Dimethylphthalate	40.000	41.867	-4.7	86	-0.02
51		2,6-Dinitrotoluene	40.000	43.205	-8.0	87	-0.02
52	C	Acenaphthene	40.000	41.025	-2.6	85	-0.02
53		3-Nitroaniline	40.000	44.583	-11.5	88	-0.02
54	P	2,4-Dinitrophenol	40.000	39.089	2.3	76	-0.03
55		Dibenzofuran	40.000	40.673	-1.7	84	-0.02
56	P	4-Nitrophenol	40.000	48.367	-20.9	93	-0.02
57		2,4-Dinitrotoluene	40.000	45.693	-14.2	90	-0.02
58		Fluorene	40.000	41.301	-3.3	85	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	44.009	-10.0	88	-0.02
60		Diethylphthalate	40.000	42.507	-6.3	87	-0.02
61		4-Chlorophenyl-phenylether	40.000	40.466	-1.2	83	-0.02
62		4-Nitroaniline	40.000	46.082	-15.2	90	-0.02
63		Azobenzene	40.000	42.713	-6.8	87	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	85	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	37.697	5.8	79	-0.02
66	c	n-Nitrosodiphenylamine	40.000	40.878	-2.2	88	-0.02
67		4-Bromophenyl-phenylether	40.000	40.979	-2.4	88	-0.02
68		Hexachlorobenzene	40.000	40.888	-2.2	89	-0.02
69		Atrazine	40.000	44.117	-10.3	101	-0.02
70	C	Pentachlorophenol	40.000	47.363	-18.4	95	-0.02
71		Phenanthrene	40.000	40.488	-1.2	87	-0.02
72		Anthracene	40.000	41.462	-3.7	88	-0.02
73		Carbazole	40.000	42.628	-6.6	89	-0.02
74		Di-n-butylphthalate	40.000	43.854	-9.6	90	-0.02
75	C	Fluoranthene	40.000	41.850	-4.6	89	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	77	-0.03
77		Benzidine	40.000	64.100	-60.2#	105	-0.02
78		Pyrene	40.000	43.543	-8.9	87	-0.02
79	S	Terphenyl-d14	80.000	85.292	-6.6	84	-0.02
80		Butylbenzylphthalate	40.000	47.019	-17.5	89	-0.02
81		Benzo(a)anthracene	40.000	42.216	-5.5	84	-0.02
82		3,3'-Dichlorobenzidine	40.000	49.574	-23.9	93	-0.02
83		Chrysene	40.000	41.237	-3.1	82	-0.03
84		Bis(2-ethylhexyl)phthalate	40.000	45.881	-14.7	87	-0.02
85	c	Di-n-octyl phthalate	40.000	49.446	-23.6#	93	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	87	-0.08
87		Indeno(1,2,3-cd)pyrene	40.000	41.648	-4.1	92	-0.11
88		Benzo(b)fluoranthene	40.000	39.463	1.3	87	-0.05
89		Benzo(k)fluoranthene	40.000	38.797	3.0	88	-0.05
90	C	Benzo(a)pyrene	40.000	41.077	-2.7	91	-0.06
91		Dibenzo(a,h)anthracene	40.000	41.295	-3.2	92	-0.12
92		Benzo(g,h,i)perylene	40.000	41.245	-3.1	92	-0.12

Sample Results: **BP024243.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

QC SAMPLE DATA

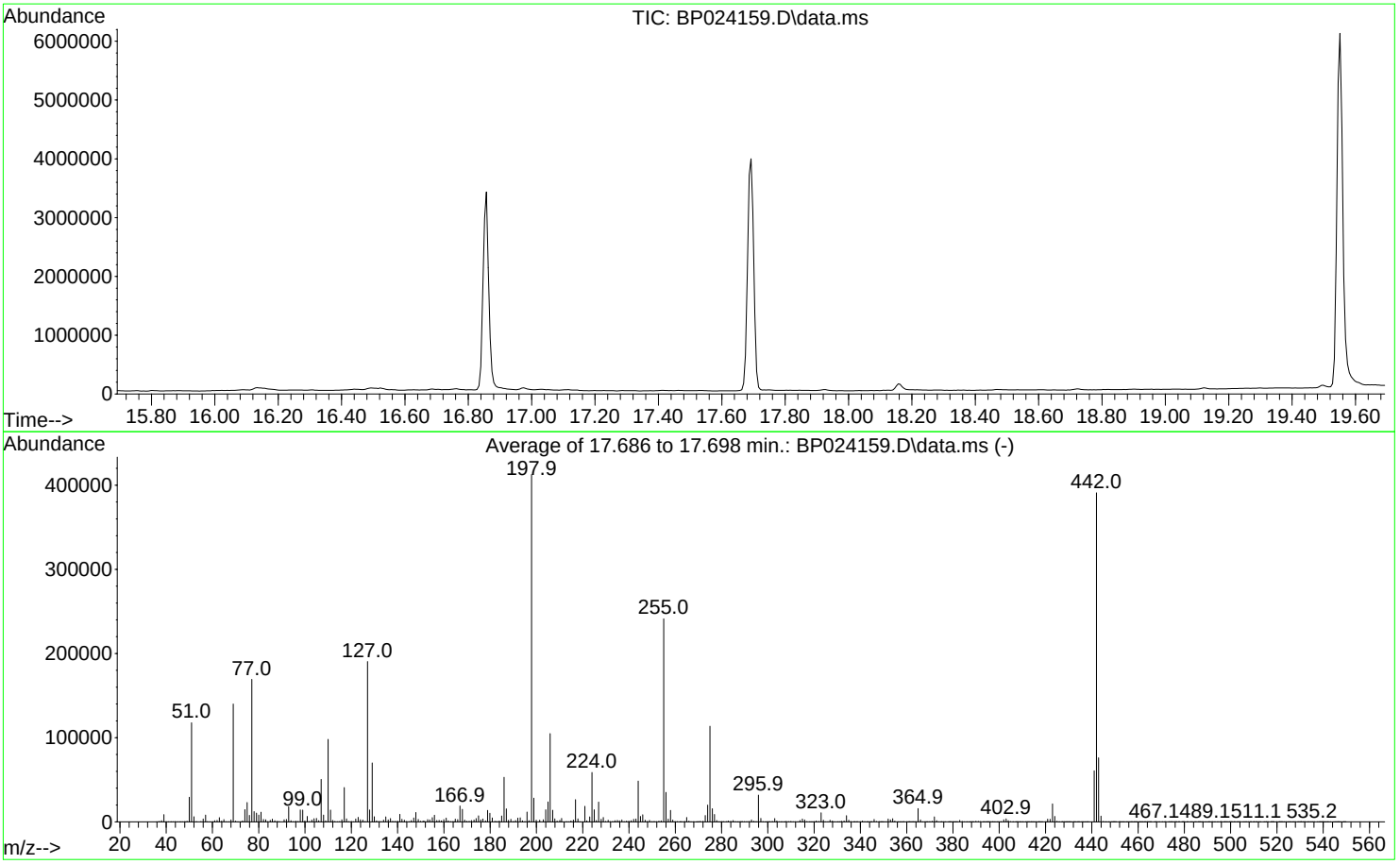
Sample Results: **BP024159.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 05:55:58 2025



AutoFind: Scans 2482, 2483, 2484; Background Corrected with Scan 2472

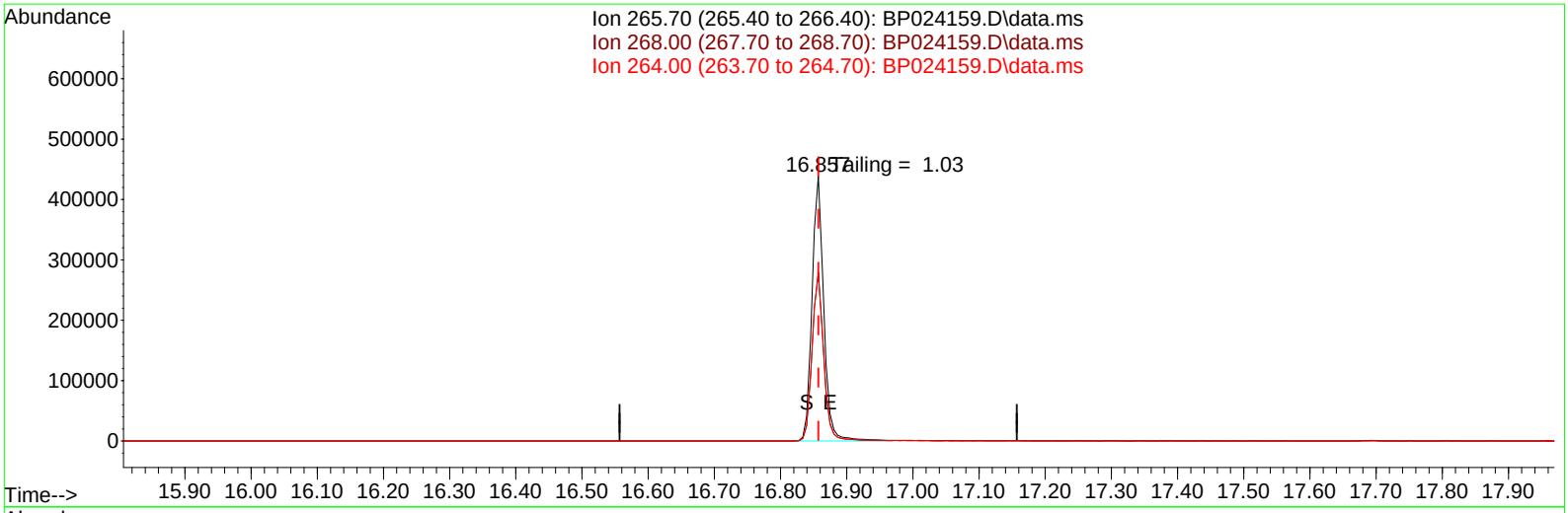
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	28.5	117822	PASS
68	69	0.00	2	1.6	2280	PASS
69	198	0.00	100	33.9	139938	PASS
70	69	0.00	2	0.6	822	PASS
127	198	10	80	46.1	190399	PASS
197	198	0.00	2	0.4	1468	PASS
198	198	100	100	100.0	412716	PASS
199	198	5	9	6.8	28114	PASS
275	198	10	60	27.5	113624	PASS
365	198	1	100	3.8	15804	PASS
441	198	0.01	100	14.7	60679	PASS
442	442	100	100	100.0	391061	PASS
443	442	15	24	19.5	76081	PASS

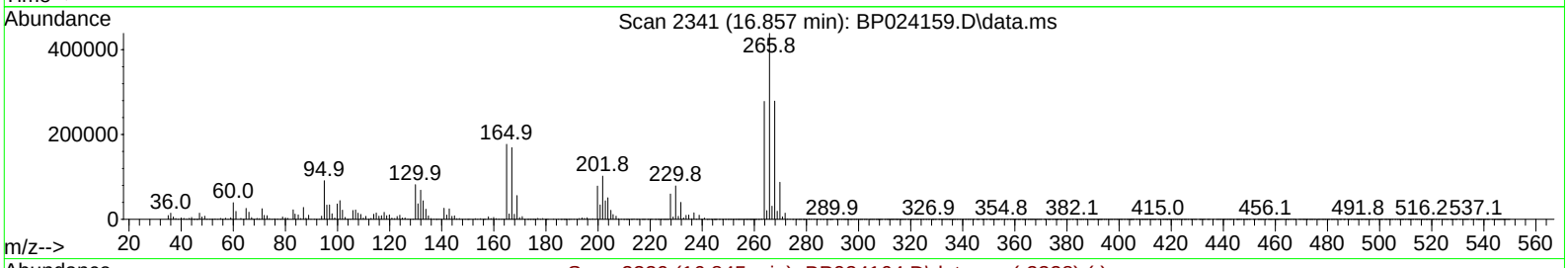
Sample Results: **BP024159.D**

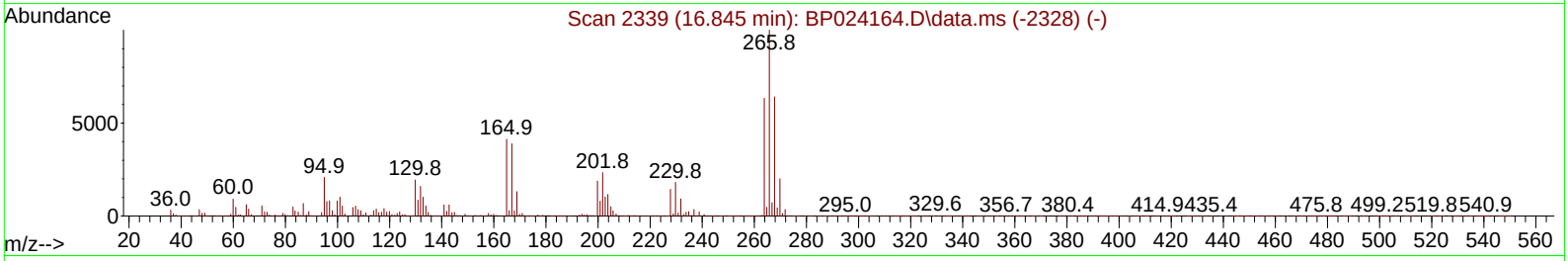
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 13 05:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024159.D\data.ms

(70) Pentachlorophenol (C)

16.857min (0.000) 4607317.61 ng

response 542052

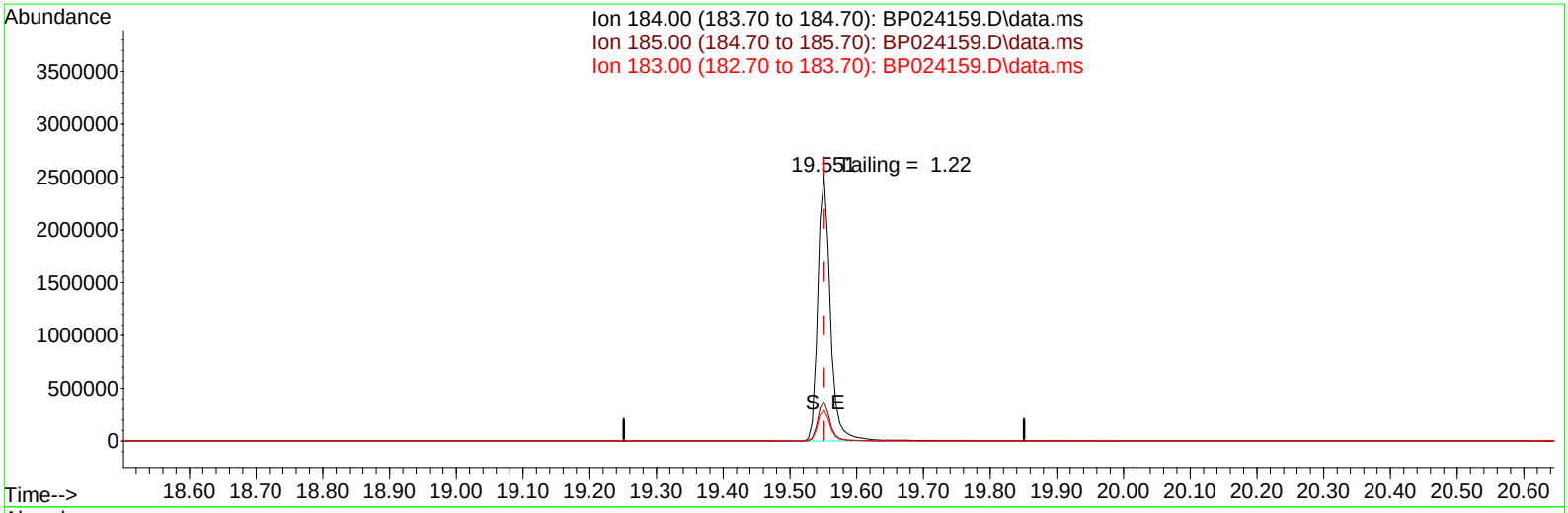
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.10	63.56
264.00	63.30	63.37
0.00	0.00	0.00

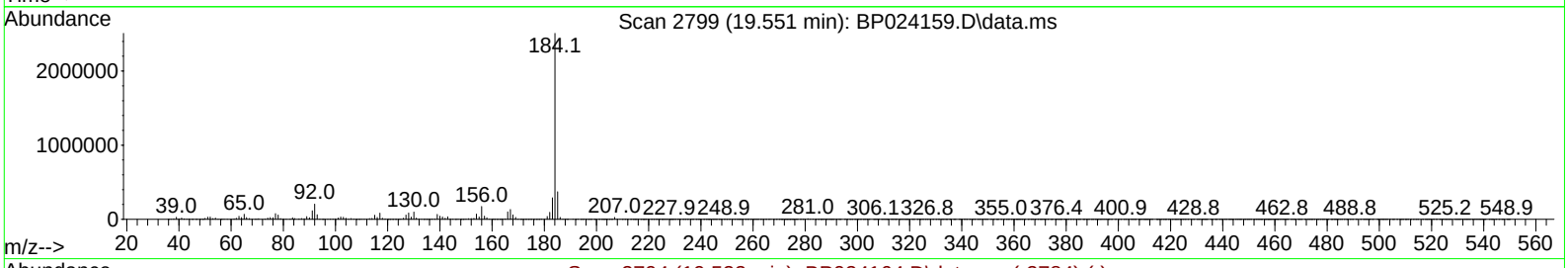
Sample Results: **BP024159.D**

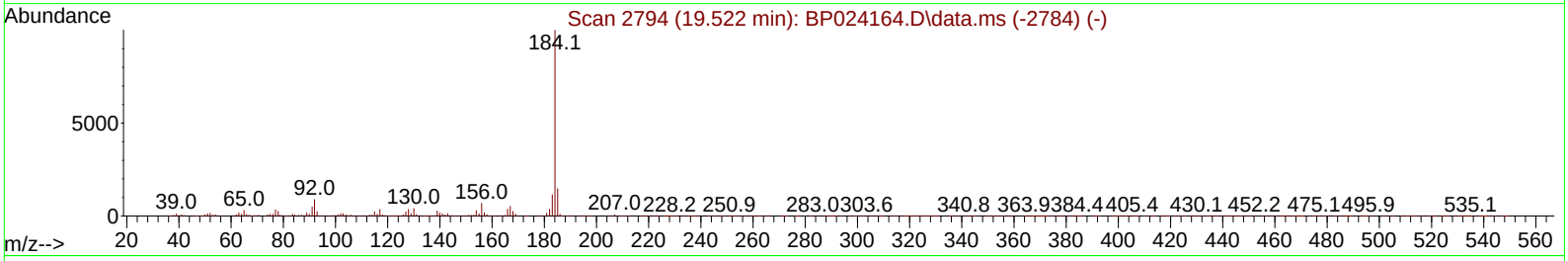
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 13 05:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024159.D\data.ms

(77) Benzidine

19.551min (0.000) 3117449.49 ng

response 3272103

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.81
183.00	11.40	11.59
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/12/2025	BNA_P	BP024159.D
Compound Name	**Response**	**Retention Time**
DDT	1535436	20.851
DDD	16722	20.439
DDE	443	19.827
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
17165	1552601	1.11

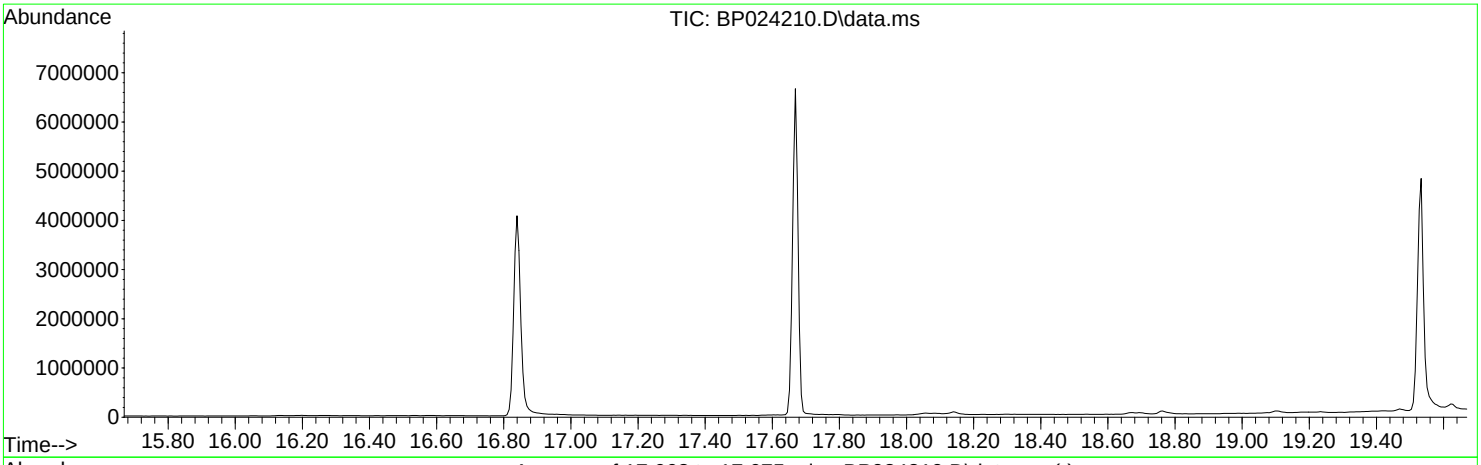
Sample Results: **BP024210.D**

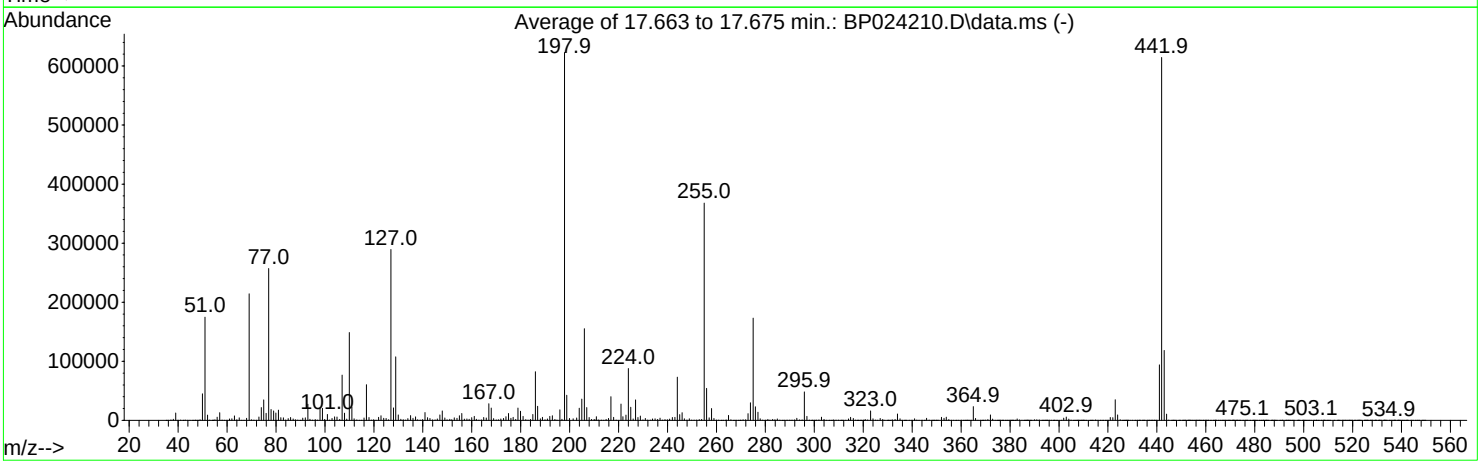
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024210.D
Acq On : 08 Apr 2025 13:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 05:55:58 2025





AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2468

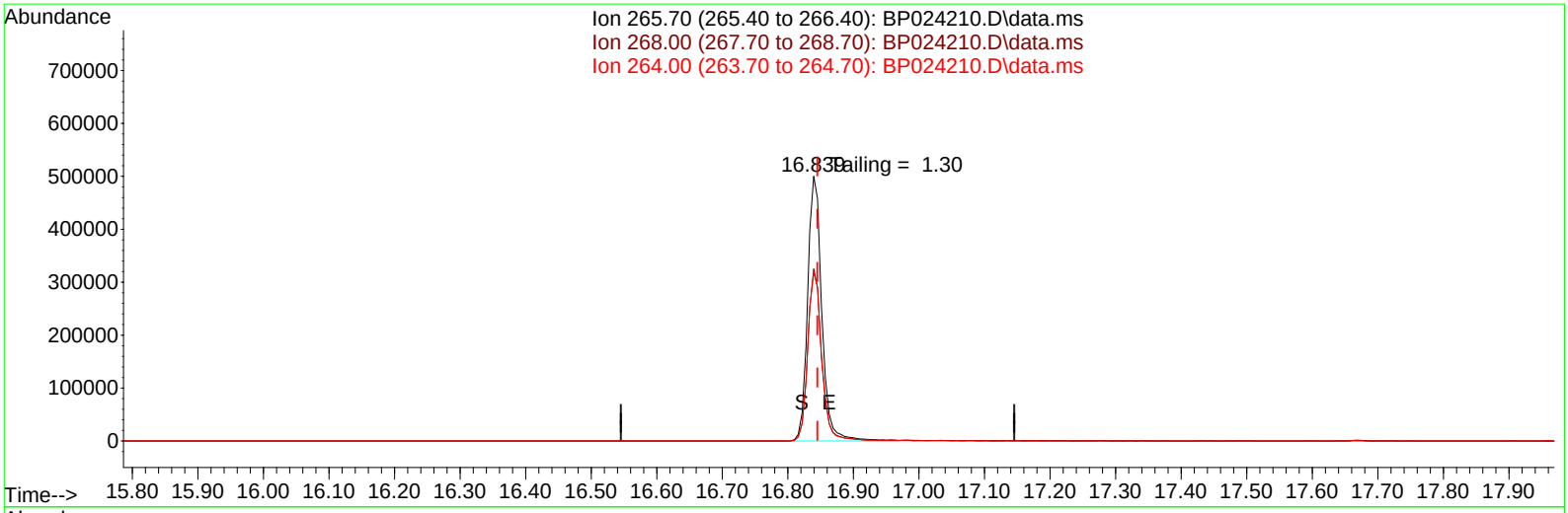
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	28.0	174652	PASS
68	69	0.00	2	1.7	3637	PASS
69	198	0.00	100	34.4	214278	PASS
70	69	0.00	2	0.6	1205	PASS
127	198	10	80	46.5	289331	PASS
197	198	0.00	2	0.3	1809	PASS
198	198	100	100	100.0	622847	PASS
199	198	5	9	6.8	42471	PASS
275	198	10	60	27.8	173014	PASS
365	198	1	100	3.7	23221	PASS
441	198	0.01	100	15.1	94130	PASS
442	442	100	100	100.0	614391	PASS
443	442	15	24	19.3	118355	PASS

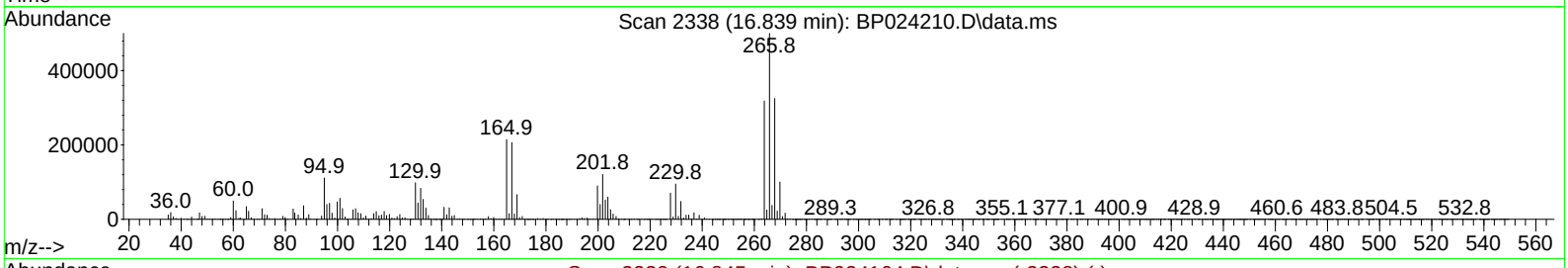
Sample Results: **BP024210.D**

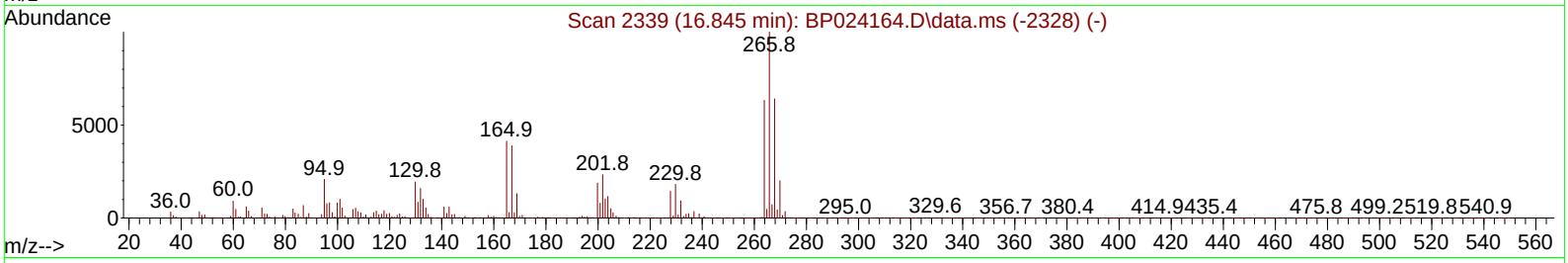
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024210.D
Acq On : 08 Apr 2025 13:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 08 18:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024210.D\data.ms

(70) Pentachlorophenol (C)

16.839min (-0.006) 277531.82 ng

response 753321

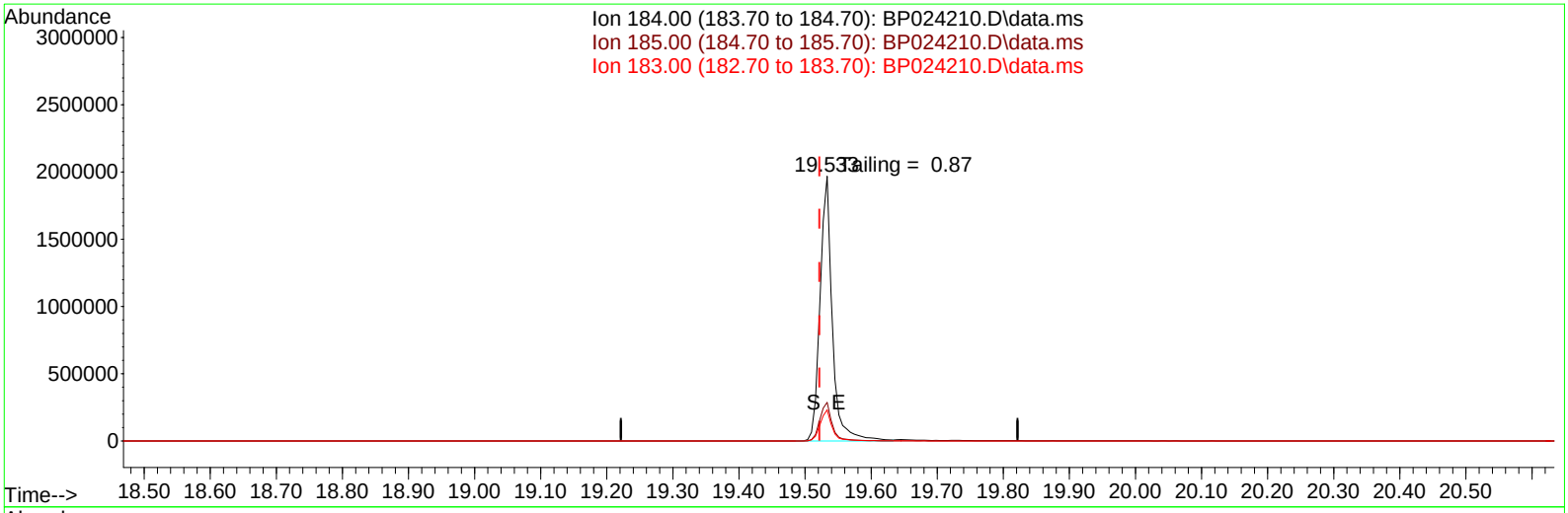
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.10	64.97
264.00	63.30	63.66
0.00	0.00	0.00

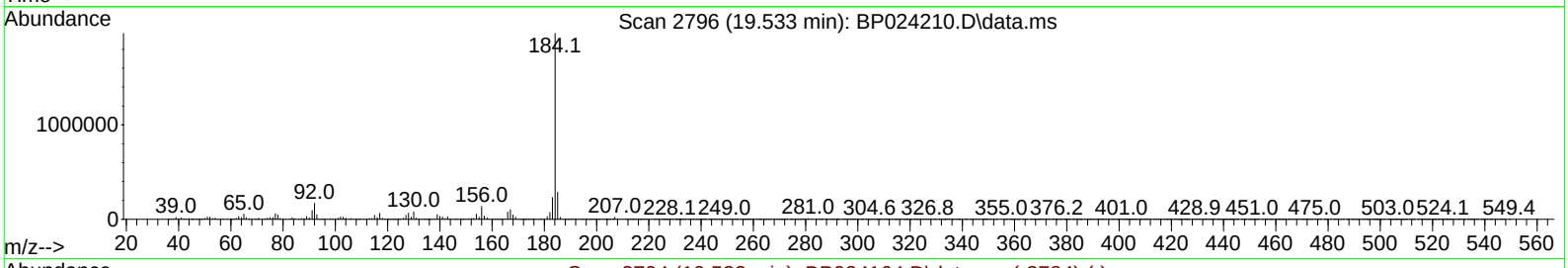
Sample Results: **BP024210.D**

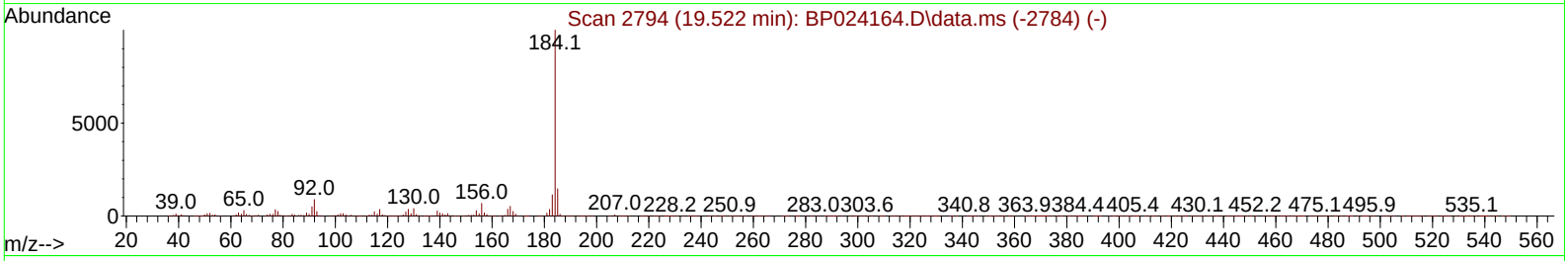
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024210.D
Acq On : 08 Apr 2025 13:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 08 18:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024210.D\data.ms

(77) Benzidine

19.533min (+ 0.012) 6521.01 ng

response 2548937

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.65
183.00	11.40	11.76
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/8/2025	BNA_P	BP024210.D
Compound Name	**Response**	**Retention Time**
DDT	2066235	20.833
DDD	33084	20.369
DDE	4231	19.833
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
37315	2103550	1.77

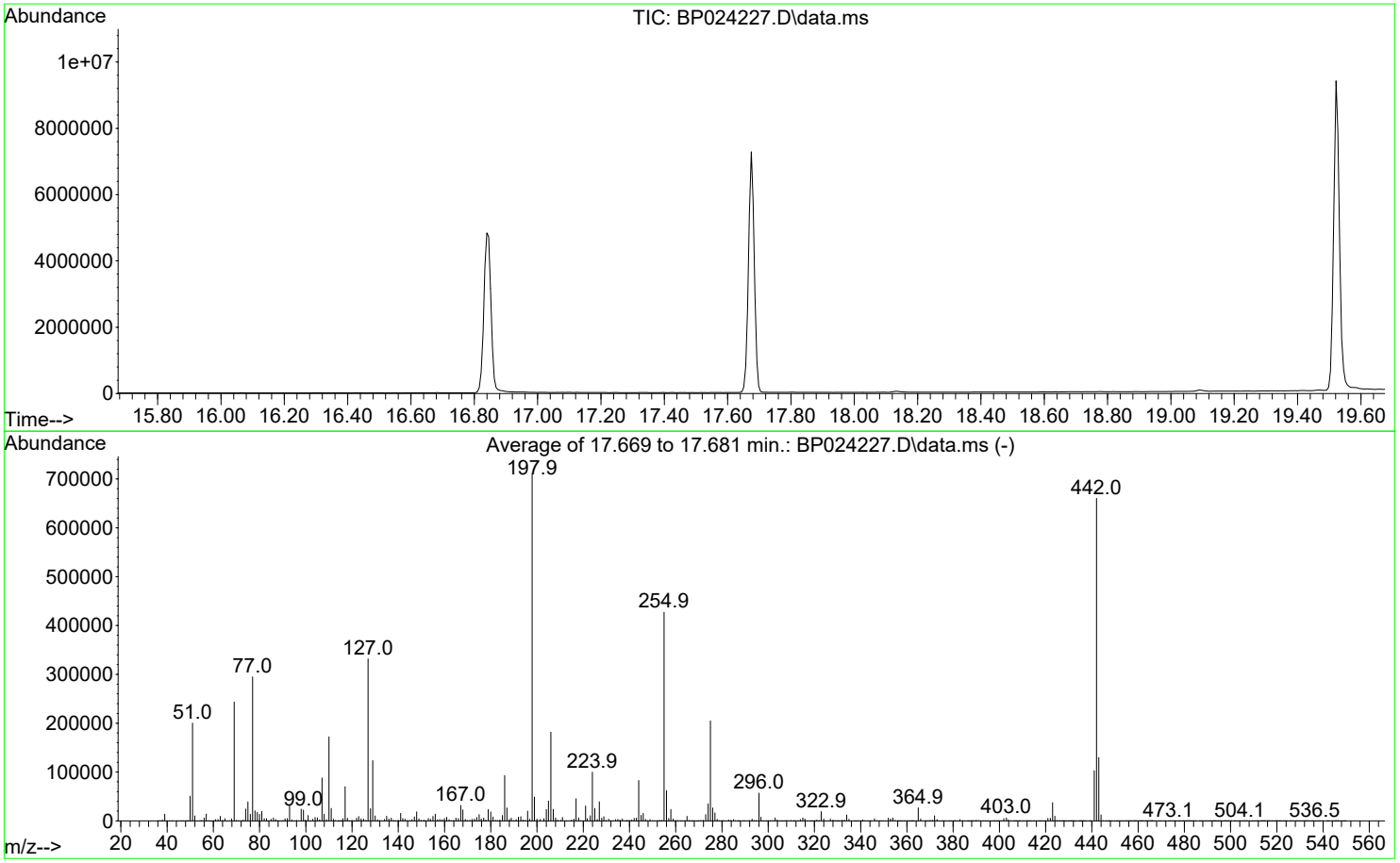
Sample Results: **BP024227.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024227.D
Acq On : 09 Apr 2025 08:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 05:55:58 2025



AutoFind: Scans 2479, 2480, 2481; Background Corrected with Scan 2470

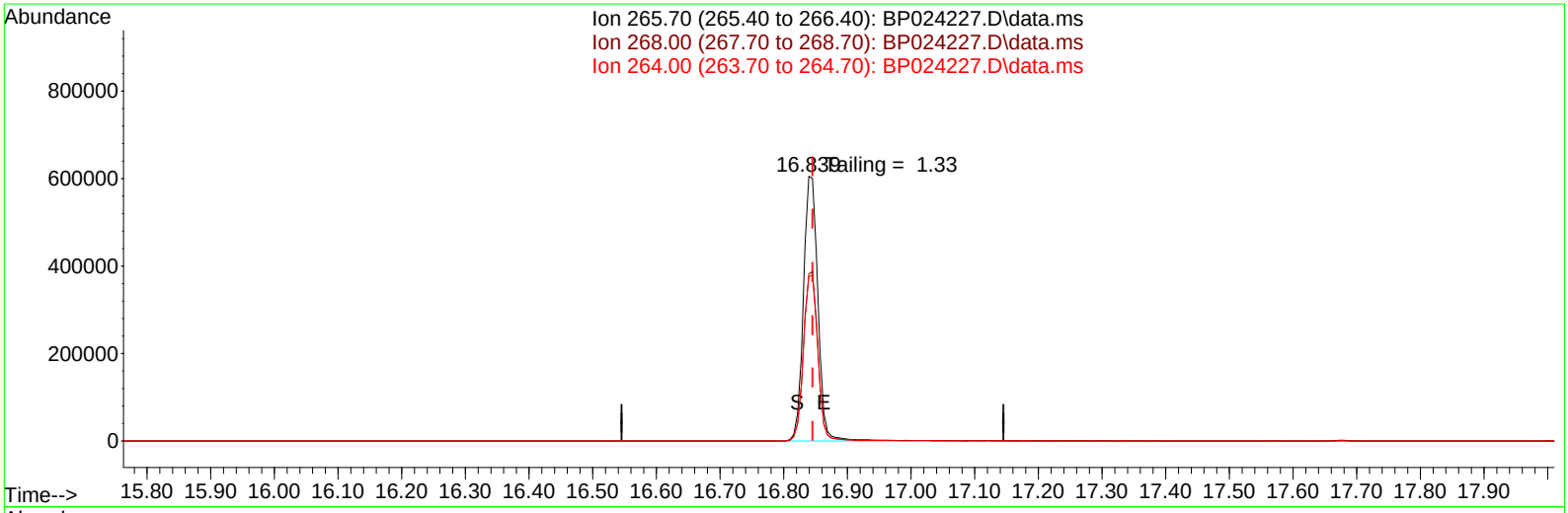
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	28.2	200115	PASS
68	69	0.00	2	1.6	3921	PASS
69	198	0.00	100	34.3	243587	PASS
70	69	0.00	2	0.5	1251	PASS
127	198	10	80	46.7	331923	PASS
197	198	0.00	2	0.5	3371	PASS
198	198	100	100	100.0	710336	PASS
199	198	5	9	6.9	48868	PASS
275	198	10	60	28.9	204948	PASS
365	198	1	100	3.8	26873	PASS
441	198	0.01	100	14.5	102902	PASS
442	442	100	100	100.0	660181	PASS
443	442	15	24	19.7	129757	PASS

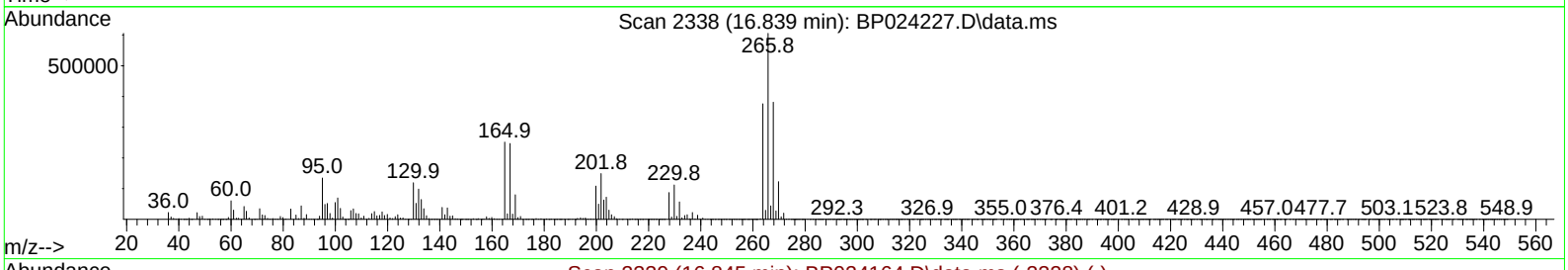
Sample Results: **BP024227.D**

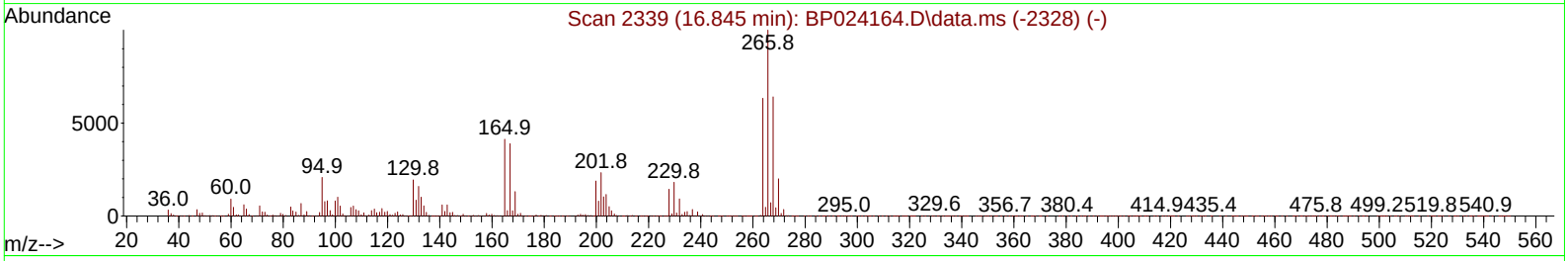
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024227.D
Acq On : 09 Apr 2025 08:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 09 12:31:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024227.D\data.ms

(70) Pentachlorophenol (C)

16.839min (-0.006) 65391.48 ng

response 964413

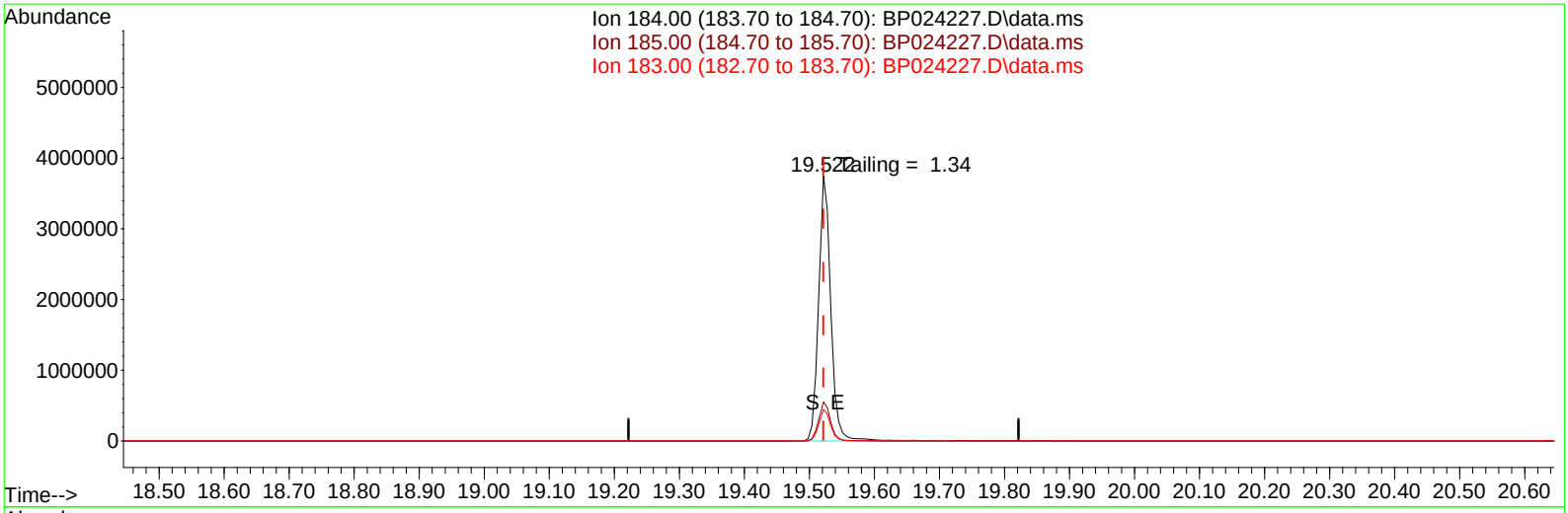
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.10	63.01
264.00	63.30	62.15
0.00	0.00	0.00

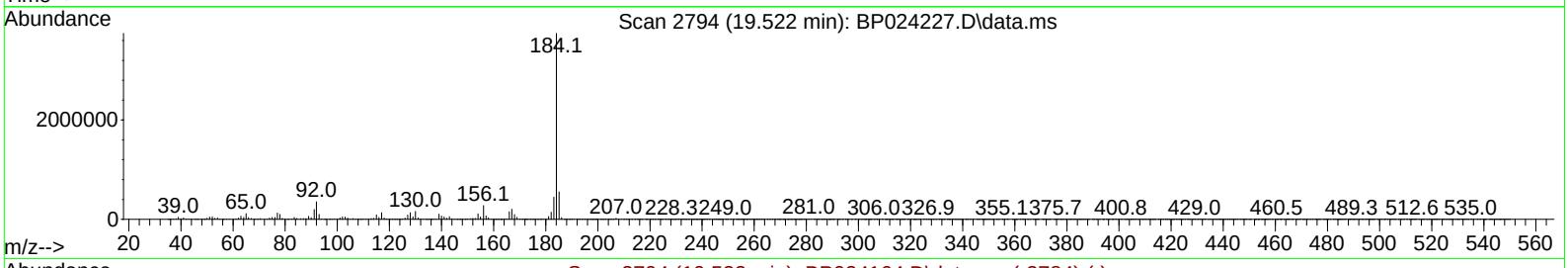
Sample Results: **BP024227.D**

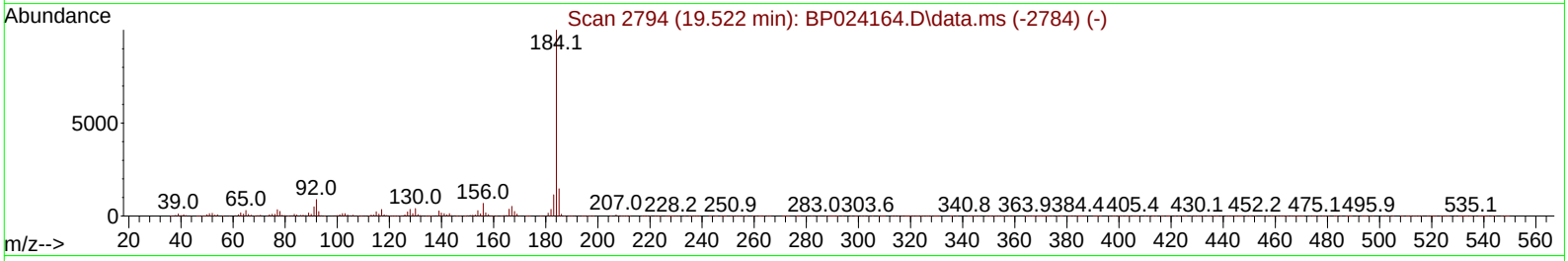
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024227.D
Acq On : 09 Apr 2025 08:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 09 12:31:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024227.D\data.ms

(77) Benzidine

19.522min (-0.000) 108823.90 ng m

response 4912759

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.74
183.00	11.40	11.93
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/9/2025	BNA_P	BP024227.D
Compound Name	**Response**	**Retention Time**
DDT	2570370	20.816
DDD	50806	20.363
DDE	1633	19.827
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
52439	2622809	2.00

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:	PB167474BL			SDG No.:	Q1730
Lab Sample ID:	PB167474BL			Matrix:	SOIL
Analytical Method:	SW8270			% 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
BP024212.D	1	04/07/25 08:55	04/08/25 14:24	PB167474

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							
367-12-4	2-Fluorophenol	141		35 - 115		94%	SPK: 150
13127-88-3	Phenol-d6	139		34 - 127		92%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.4		37 - 122		88%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		44 - 115		81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		39 - 132		103%	SPK: 150
1718-51-0	Terphenyl-d14	88.3		54 - 127		88%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	276000	7.74				
1146-65-2	Naphthalene-d8	1170000	10.516				
15067-26-2	Acenaphthene-d10	810000	14.381				
1517-22-2	Phenanthrene-d10	1920000	17.198				

Raw Data: **BP024212.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:	PB167474BL			SDG No.:	Q1730
Lab Sample ID:	PB167474BL			Matrix:	SOIL
Analytical Method:	SW8270			% 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
BP024212.D	1	04/07/25 08:55	04/08/25 14:24	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2420000	21.645				
1520-96-3	Perylene-d12	2580000	25.045				

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\BP040825\
Data File : BP024212.D
Acq On : 08 Apr 2025 14:24
Operator : RC/JU
Sample : PB167474BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Quant Time: Apr 08 18:30:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

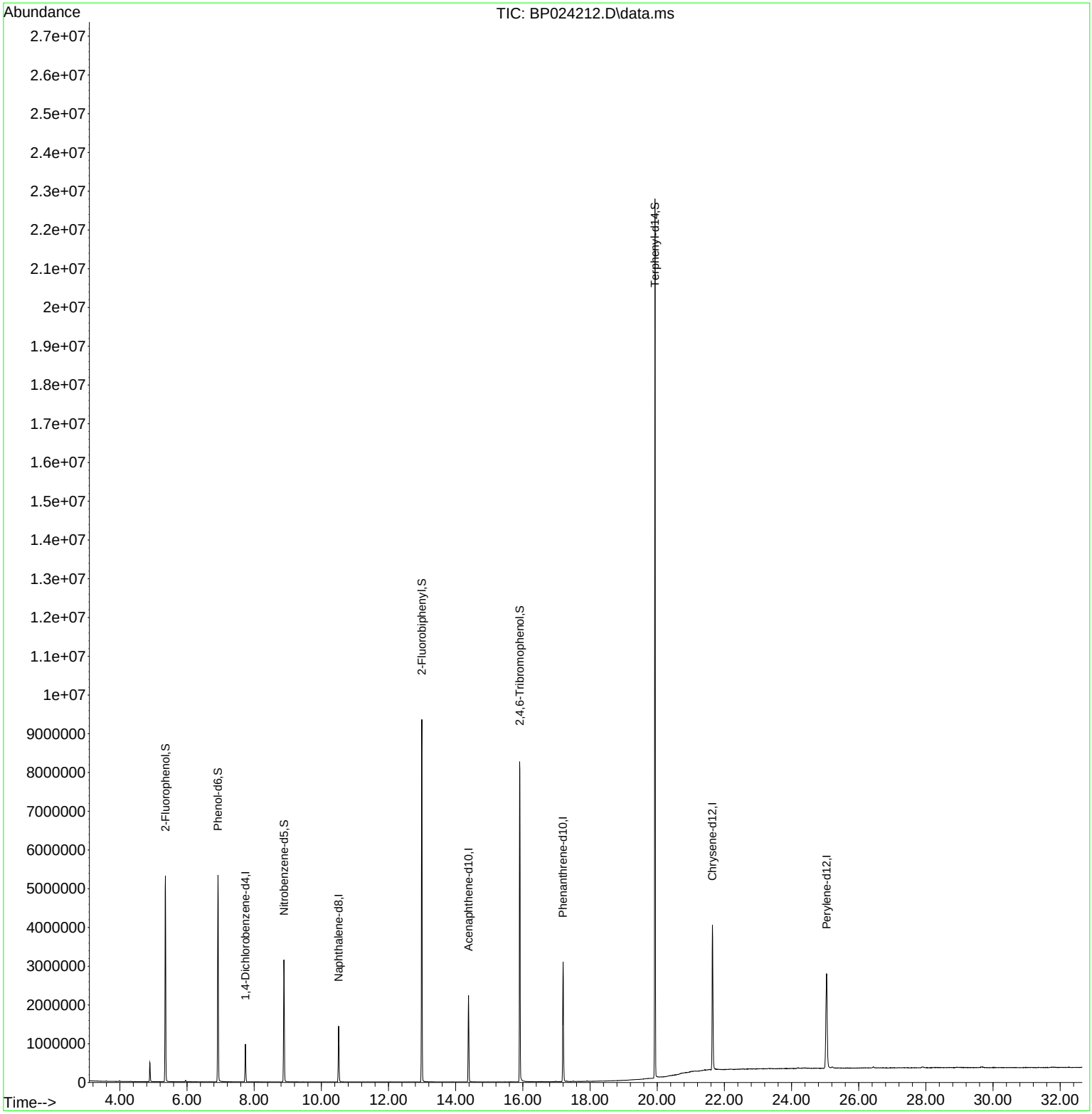
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	275560	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1172454	20.000	ng	-0.04
39) Acenaphthene-d10	14.381	164	810069	20.000	ng	-0.02
64) Phenanthrene-d10	17.198	188	1923056	20.000	ng	0.00
76) Chrysene-d12	21.645	240	2416144	20.000	ng	-0.01
86) Perylene-d12	25.045	264	2577914	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2429146	140.717	ng	-0.02
7) Phenol-d6	6.922	99	3197693	138.521	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1837224	88.411	ng	-0.04
42) 2,4,6-Tribromophenol	15.910	330	1576615	154.512	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	4430911	80.654	ng	-0.02
79) Terphenyl-d14	19.933	244	10335388	88.300	ng	0.01
Target Compounds						Qvalue

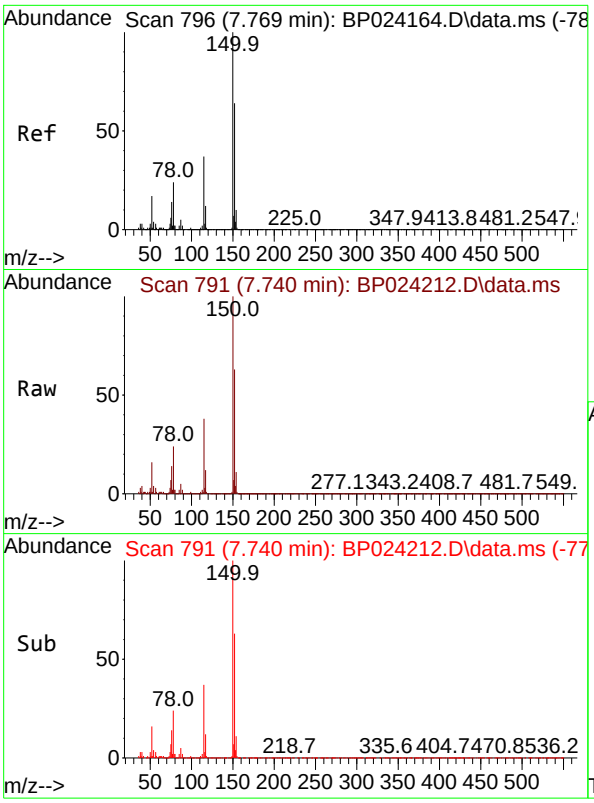
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024212.D
Acq On : 08 Apr 2025 14:24
Operator : RC/JU
Sample : PB167474BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Quant Time: Apr 08 18:30:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



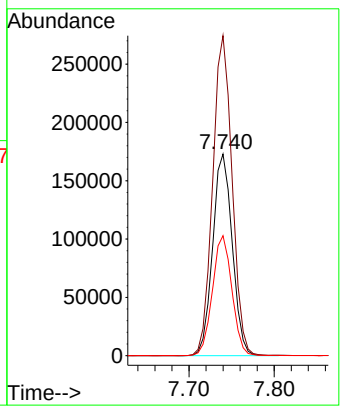


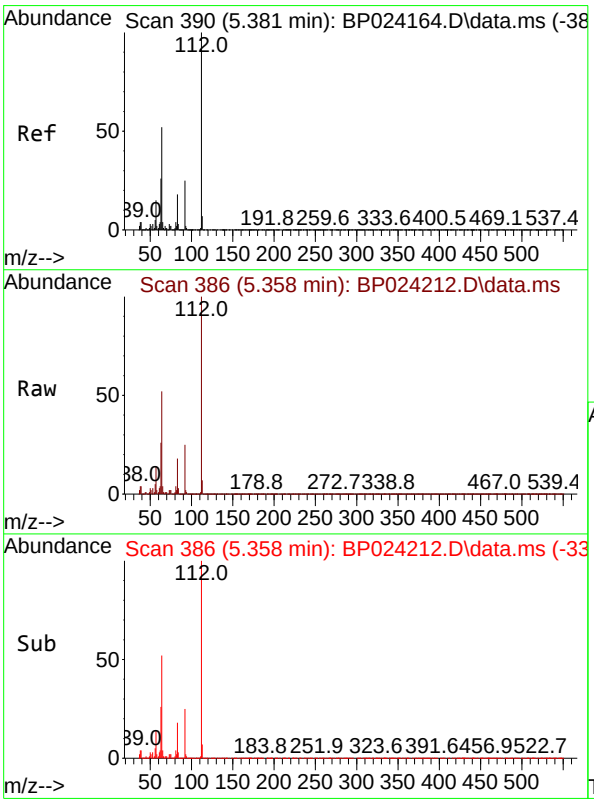
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Tgt Ion:152 Resp: 275560

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.5	188.3
115	59.5	46.3	69.5

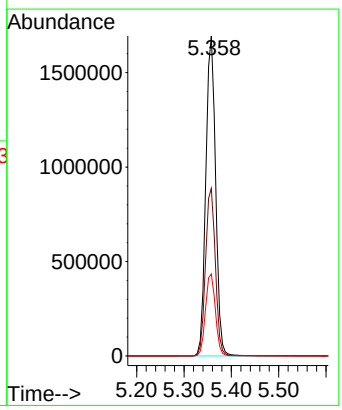


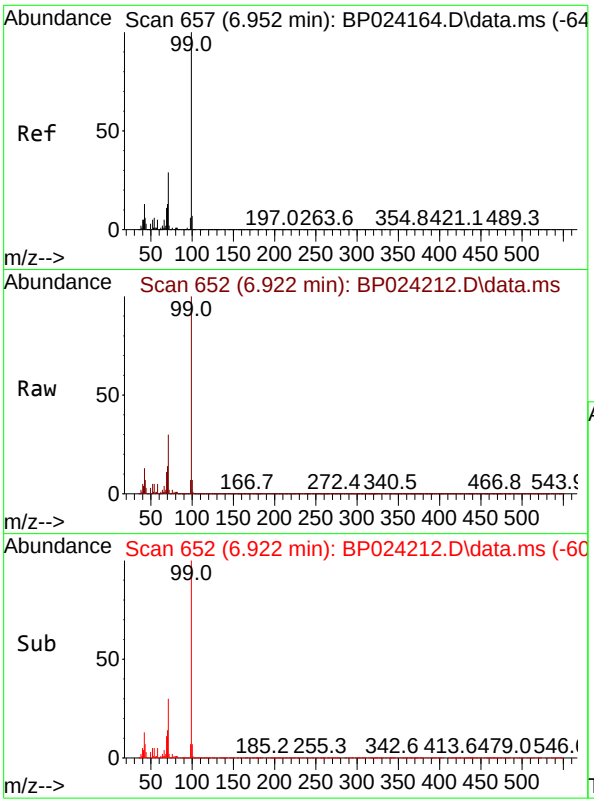


#5
2-Fluorophenol
Concen: 140.717 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:112 Resp: 2429146

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.3	61.9
63	25.6	20.6	31.0



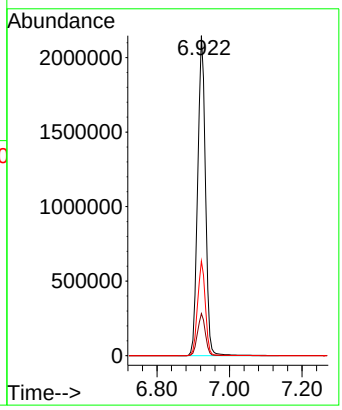


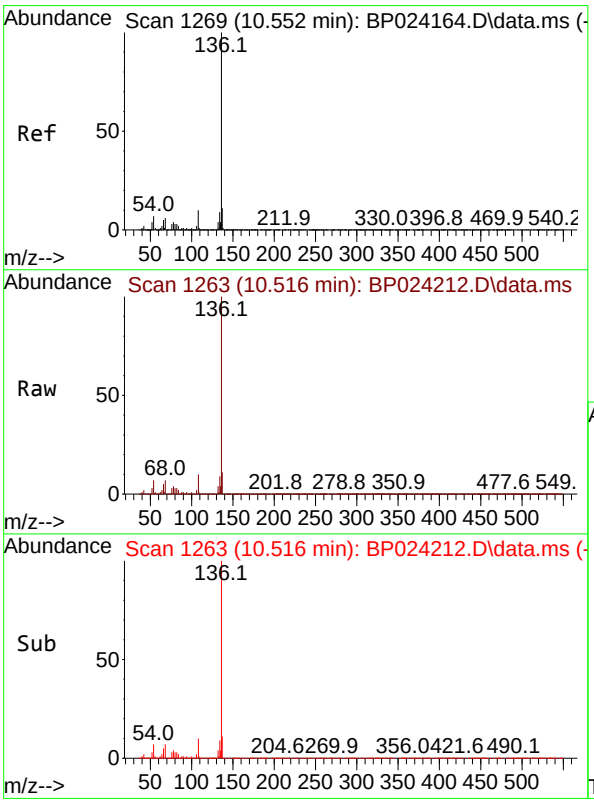
#7
Phenol-d6
Concen: 138.521 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Tgt Ion: 99 Resp: 3197693

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.5	23.3	34.9

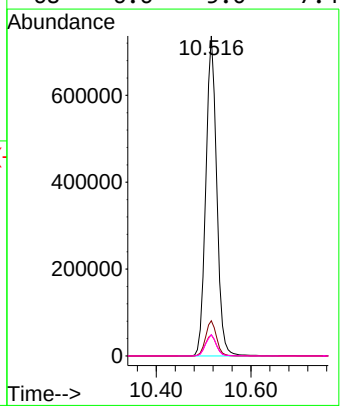


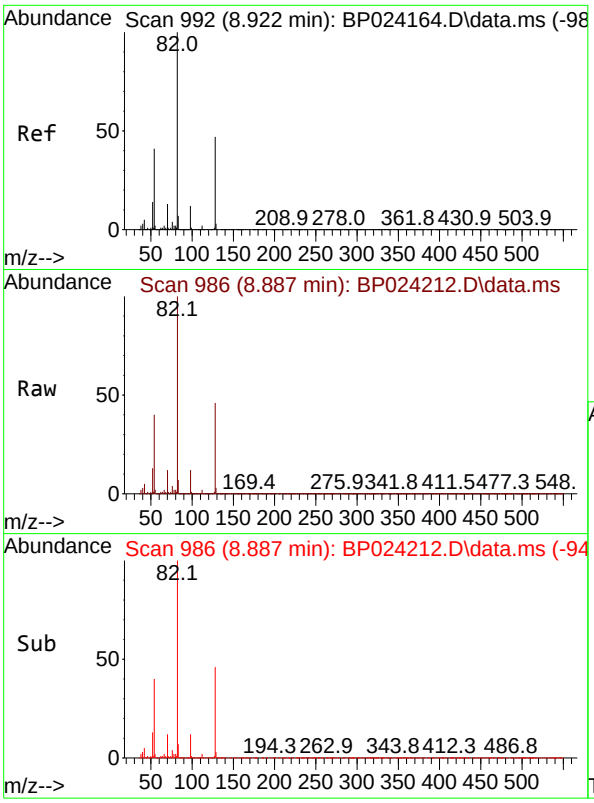


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:136 Resp: 1172454

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	5.3	7.9
68	6.6	5.0	7.4



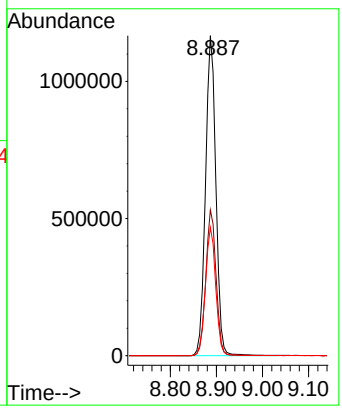


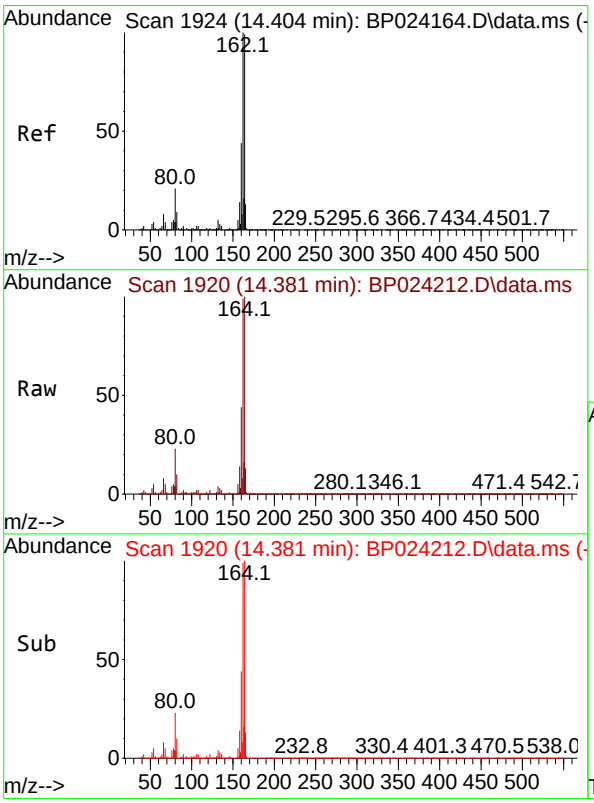
#23
Nitrobenzene-d5
Concen: 88.411 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Tgt Ion: 82 Resp: 1837224

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.4	56.0
54	40.1	32.5	48.7

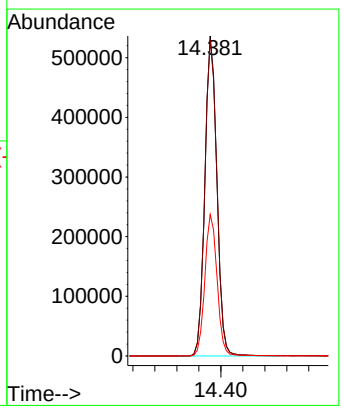


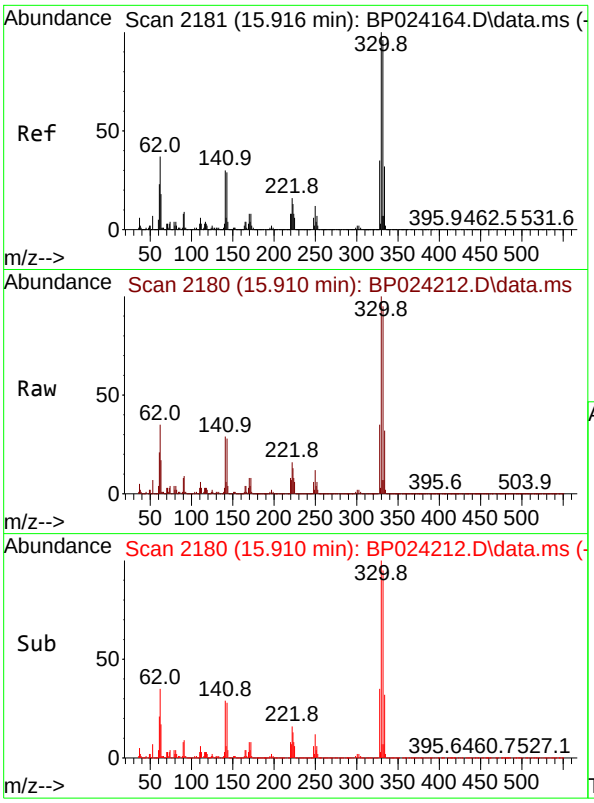


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.024 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:164 Resp: 810069

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.6	121.0
160	44.2	35.4	53.2



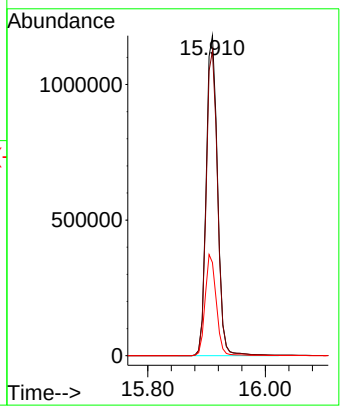


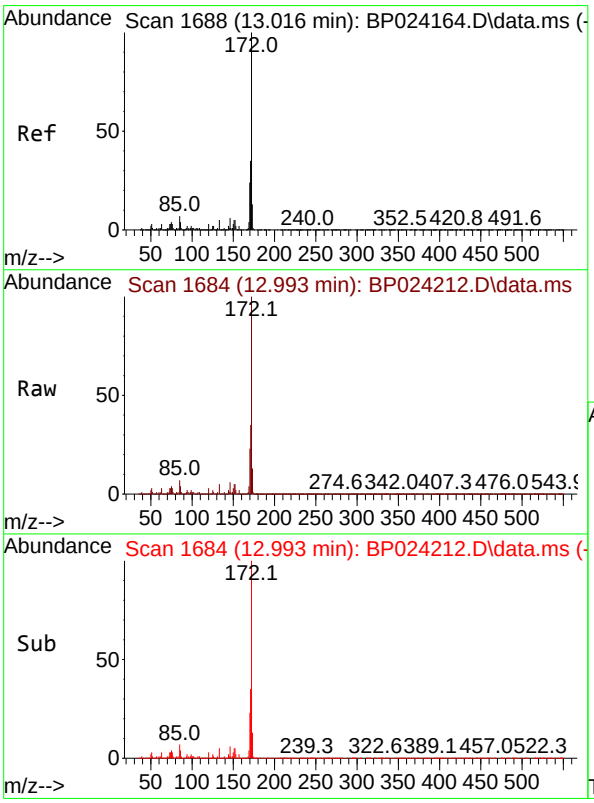
#42
2,4,6-Tribromophenol
Concen: 154.512 ng
RT: 15.910 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Tgt Ion:330 Resp: 1576615

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	31.1	25.0	37.6

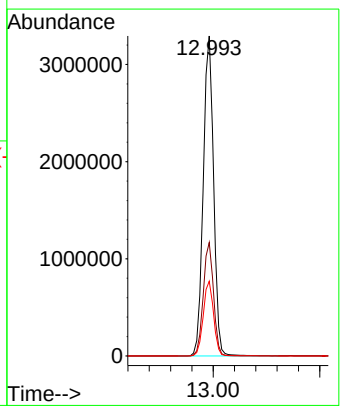


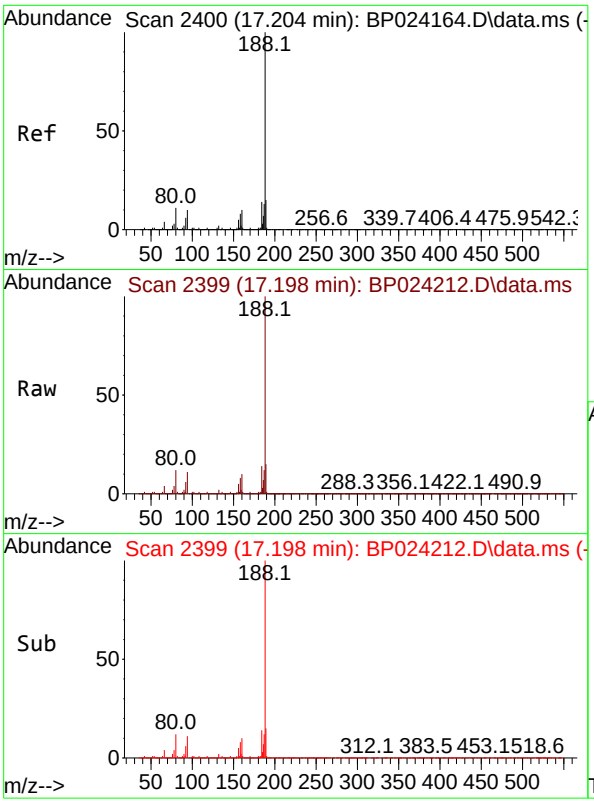


#45
2-Fluorobiphenyl
Concen: 80.654 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.024 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:172 Resp: 4430911

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.4	19.0	28.4



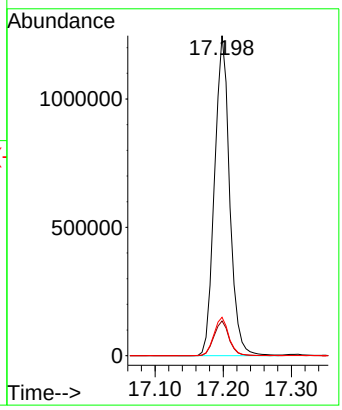


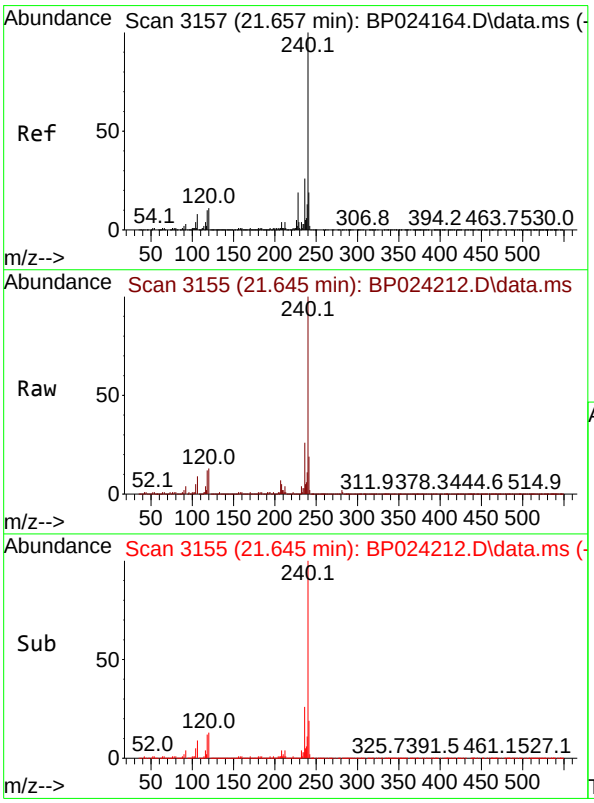
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Tgt Ion:188 Resp: 1923056

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	12.0	8.9	13.3

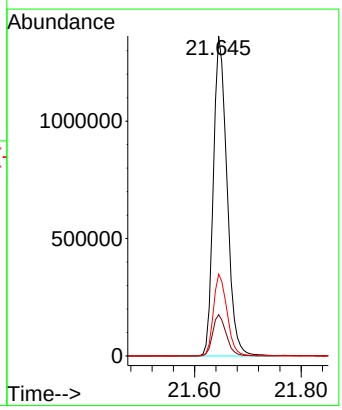


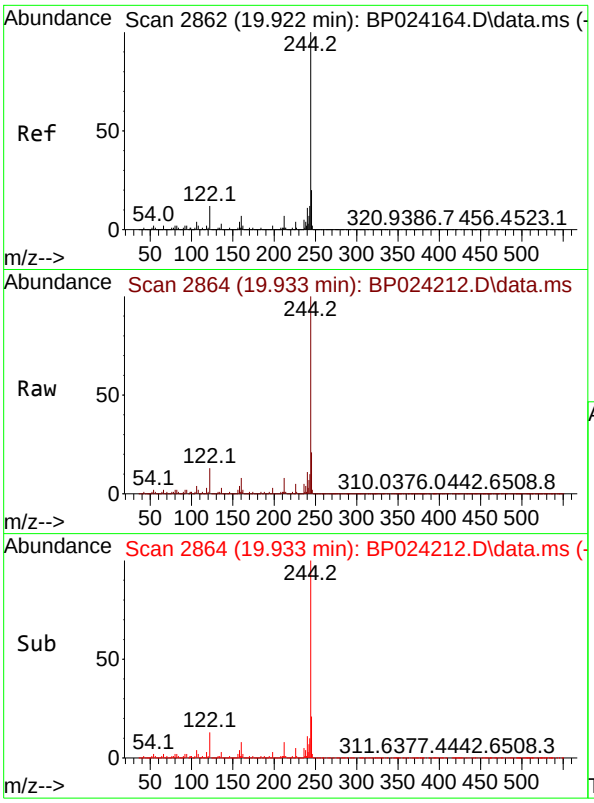


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:240 Resp: 2416144

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.2	13.8
236	25.6	20.4	30.6



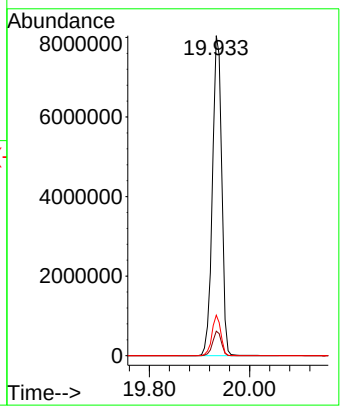


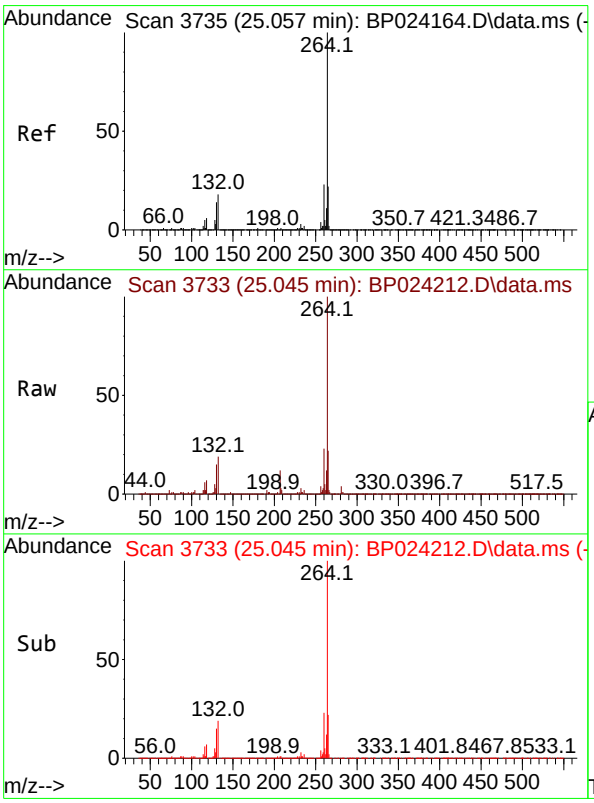
#79
Terphenyl-d14
Concen: 88.300 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Instrument :
BNA_P
ClientSampleId :
PB167474BL

Tgt Ion:244 Resp:10335388

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	12.7	9.6	14.4

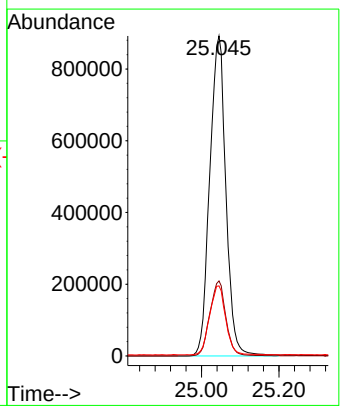




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.045 min Scan# 3733
Delta R.T. -0.012 min
Lab File: BP024212.D
Acq: 08 Apr 2025 14:24

Tgt Ion:264 Resp: 2577914

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.9	17.7	26.5



Raw Data: **BP024213.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:	PB167474BS	SDG No.:	Q1730
Lab Sample ID:	PB167474BS	Matrix:	SOIL
Analytical Method:	SW8270	% 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
BP024213.D	1	04/07/25 08:55	04/08/25 15:04	PB167474

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	1.30		0.026	0.13	0.17	mg/Kg
208-96-8	Acenaphthylene	1.60		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	1.50		0.025	0.13	0.17	mg/Kg
85-01-8	Phenanthrene	1.50		0.021	0.13	0.17	mg/Kg
120-12-7	Anthracene	1.60		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	1.50		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	1.60		0.030	0.13	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.60		0.029	0.13	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.60		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							
367-12-4	2-Fluorophenol	129		35 - 115		86%	SPK: 150
13127-88-3	Phenol-d6	117		34 - 127		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.1		37 - 122		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.9		44 - 115		83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		39 - 132		89%	SPK: 150
1718-51-0	Terphenyl-d14	89.5		54 - 127		89%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	433000	7.74				
1146-65-2	Naphthalene-d8	1660000	10.522				
15067-26-2	Acenaphthene-d10	944000	14.387				
1517-22-2	Phenanthrene-d10	1780000	17.192				

Raw Data: **BP024213.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:	PB167474BS			SDG No.:	Q1730
Lab Sample ID:	PB167474BS			Matrix:	SOIL
Analytical Method:	SW8270			% 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
BP024213.D	1	04/07/25 08:55	04/08/25 15:04	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1790000	21.645				
1520-96-3	Perylene-d12	1910000	25.033				

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\BP040825\
Data File : BP024213.D
Acq On : 08 Apr 2025 15:04
Operator : RC/JU
Sample : PB167474BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Quant Time: Apr 09 07:14:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	432520	20.000	ng		-0.03
21) Naphthalene-d8	10.522	136	1663507	20.000	ng		-0.03
39) Acenaphthene-d10	14.387	164	944043	20.000	ng		-0.02
64) Phenanthrene-d10	17.192	188	1779009	20.000	ng		-0.01
76) Chrysene-d12	21.645	240	1788682	20.000	ng		-0.01
86) Perylene-d12	25.033	264	1910295	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	3488994	128.767	ng		-0.02
7) Phenol-d6	6.928	99	4252456	117.362	ng		-0.02
23) Nitrobenzene-d5	8.893	82	2507924	85.061	ng		-0.03
42) 2,4,6-Tribromophenol	15.904	330	1588438	133.578	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	5307334	82.897	ng		-0.02
79) Terphenyl-d14	19.916	244	7752383	89.466	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	430011	40.037	ng		98
3) Pyridine	3.699	79	1163440	39.624	ng		100
4) n-Nitrosodimethylamine	3.605	42	417062	42.522	ng		96
6) Aniline	7.081	93	1404797	42.554	ng		98
8) 2-Chlorophenol	7.317	128	1281285	43.779	ng		98
9) Benzaldehyde	6.893	77	703975	40.260	ng		97
10) Phenol	6.952	94	1601100	43.772	ng		100
11) bis(2-Chloroethyl)ether	7.169	93	1228503	42.589	ng		97
12) 1,3-Dichlorobenzene	7.634	146	1397403	44.276	ng		100
13) 1,4-Dichlorobenzene	7.781	146	1406489	43.646	ng		99
14) 1,2-Dichlorobenzene	8.093	146	1340828	43.359	ng		99
15) Benzyl Alcohol	7.981	79	996163	43.426	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.264	45	1352823	45.951	ng		97
17) 2-Methylphenol	8.187	107	1030791	44.940	ng		99
18) Hexachloroethane	8.816	117	514776	45.026	ng		98
19) n-Nitroso-di-n-propyla...	8.546	70	875299	41.640	ng		99
20) 3+4-Methylphenols	8.516	107	1376966	43.696	ng		99
22) Acetophenone	8.558	105	1795686	42.697	ng	#	99
24) Nitrobenzene	8.934	77	1303028	44.800	ng		99
25) Isophorone	9.463	82	2368131	46.856	ng		100
26) 2-Nitrophenol	9.640	139	627546	45.169	ng		99
27) 2,4-Dimethylphenol	9.705	122	1133961	63.474	ng		99
28) bis(2-Chloroethoxy)met...	9.934	93	1573265	44.249	ng		99
29) 2,4-Dichlorophenol	10.175	162	1082112	44.776	ng		98
30) 1,2,4-Trichlorobenzene	10.387	180	1171441	43.873	ng		99
31) Naphthalene	10.575	128	3743698	42.455	ng		100
32) Benzoic acid	9.858	122	750176	43.056	ng		98
33) 4-Chloroaniline	10.681	127	669606	21.219	ng		99
34) Hexachlorobutadiene	10.858	225	682737	44.429	ng		98
35) Caprolactam	11.481	113	343442	43.361	ng		96
36) 4-Chloro-3-methylphenol	11.822	107	1139474	43.706	ng		99
37) 2-Methylnaphthalene	12.187	142	2281446	38.297	ng		99
38) 1-Methylnaphthalene	12.410	142	2380994	41.093	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1194871	43.785	ng	#	98
41) Hexachlorocyclopentadiene	12.540	237	1638893	166.606	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	814676	46.974	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024213.D
Acq On : 08 Apr 2025 15:04
Operator : RC/JU
Sample : PB167474BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Quant Time: Apr 09 07:14:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

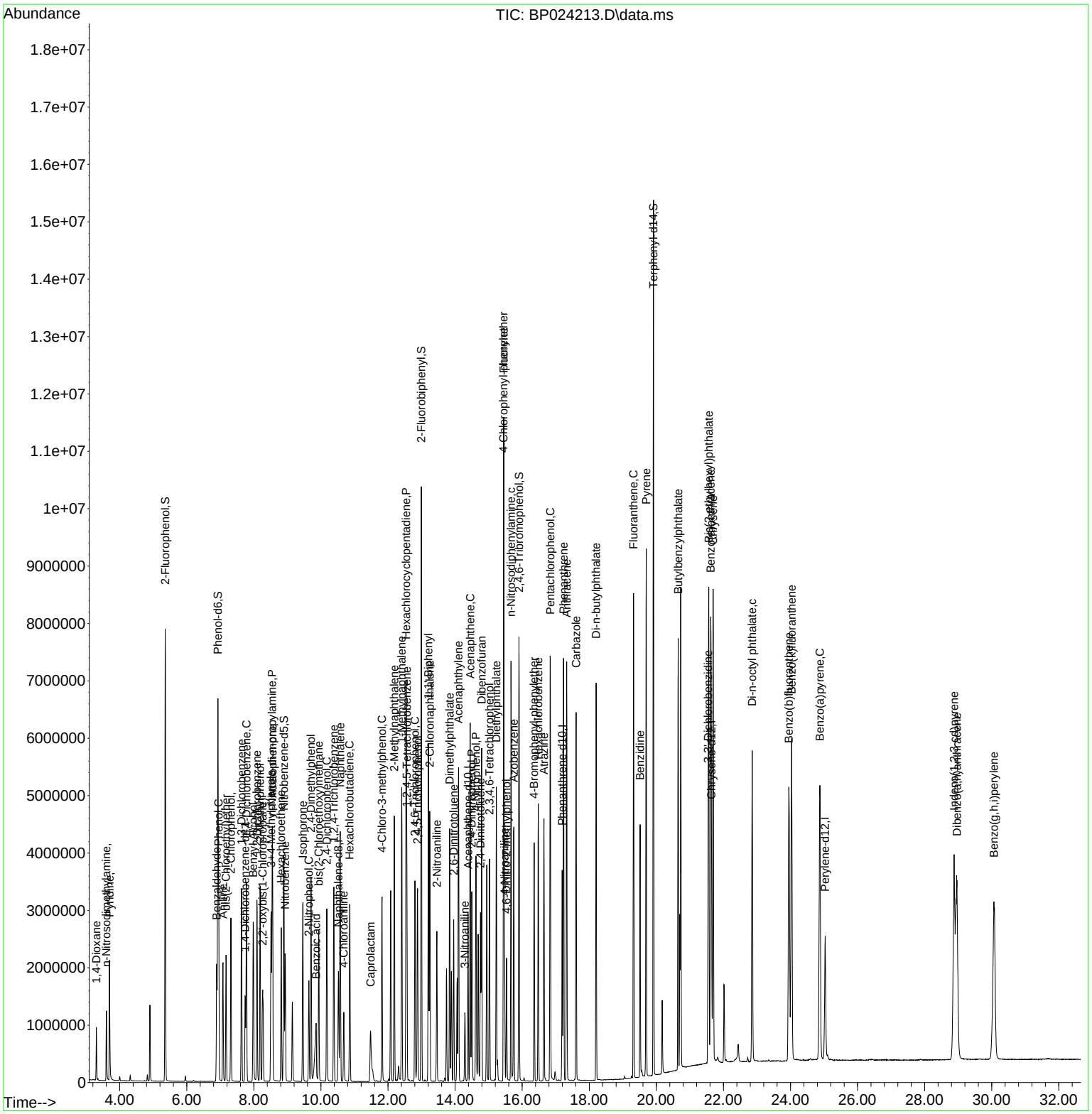
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	888862	46.734	ng	99
46) 1,1'-Biphenyl	13.204	154	3103109	43.742	ng	99
47) 2-Chloronaphthalene	13.246	162	2368493	44.388	ng	99
48) 2-Nitroaniline	13.457	65	667776	48.929	ng	99
49) Acenaphthylene	14.104	152	3930242	48.678	ng	100
50) Dimethylphthalate	13.840	163	2902999	43.947	ng	100
51) 2,6-Dinitrotoluene	13.957	165	642545	46.231	ng	98
52) Acenaphthene	14.451	154	2281542	44.228	ng	99
53) 3-Nitroaniline	14.293	138	351575	23.421	ng	95
54) 2,4-Dinitrophenol	14.498	184	797386	108.426	ng	95
55) Dibenzofuran	14.793	168	3485847	41.717	ng	99
56) 4-Nitrophenol	14.622	139	1264023	100.774	ng	98
57) 2,4-Dinitrotoluene	14.757	165	905760	49.337	ng	99
58) Fluorene	15.451	166	2838026	43.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	757390	45.072	ng	98
60) Diethylphthalate	15.228	149	2867989	43.599	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1370547	42.921	ng	96
62) 4-Nitroaniline	15.475	138	686113	43.579	ng	99
63) Azobenzene	15.751	77	2820252	45.488	ng	99
65) 4,6-Dinitro-2-methylph...	15.534	198	503579	47.682	ng	96
66) n-Nitrosodiphenylamine	15.669	169	2470564	45.732	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	876212	44.861	ng	98
68) Hexachlorobenzene	16.481	284	1046300	45.259	ng	98
69) Atrazine	16.651	200	857586	65.769	ng	99
70) Pentachlorophenol	16.840	266	1467830	98.182	ng	100
71) Phenanthrene	17.234	178	4354818	44.809	ng	100
72) Anthracene	17.328	178	4420553	46.701	ng	100
73) Carbazole	17.610	167	4212646	46.149	ng	100
74) Di-n-butylphthalate	18.204	149	4955128	45.727	ng	100
75) Fluoranthene	19.322	202	4988049	44.315	ng	99
77) Benzidine	19.516	184	2145257	109.696	ng	100
78) Pyrene	19.698	202	5077322	45.659	ng	100
80) Butylbenzylphthalate	20.651	149	2219339	48.397	ng	97
81) Benzo(a)anthracene	21.622	228	5116502	46.009	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	1098884	29.483	ng	100
83) Chrysene	21.692	228	4802411	44.922	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	3315716	47.919	ng	100
85) Di-n-octyl phthalate	22.857	149	5273316	47.566	ng	100
87) Indeno(1,2,3-cd)pyrene	28.880	276	6357522	47.685	ng	99
88) Benzo(b)fluoranthene	23.951	252	5122724	44.476	ng	98
89) Benzo(k)fluoranthene	24.033	252	5180476	45.980	ng	100
90) Benzo(a)pyrene	24.874	252	4935291	49.276	ng	99
91) Dibenzo(a,h)anthracene	28.962	278	5257429	47.399	ng	98
92) Benzo(g,h,i)perylene	30.062	276	5114163	45.357	ng	99

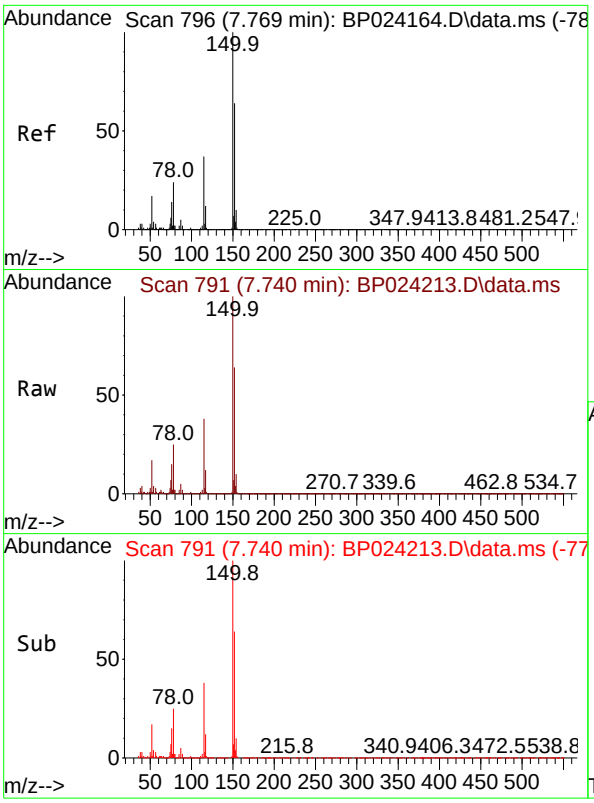
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024213.D
Acq On : 08 Apr 2025 15:04
Operator : RC/JU
Sample : PB167474BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Quant Time: Apr 09 07:14:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



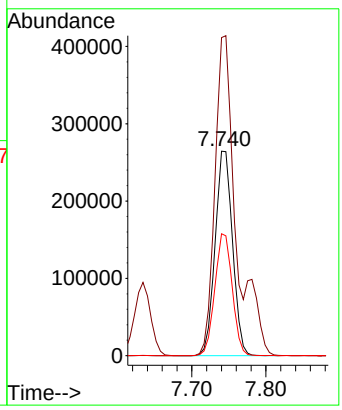


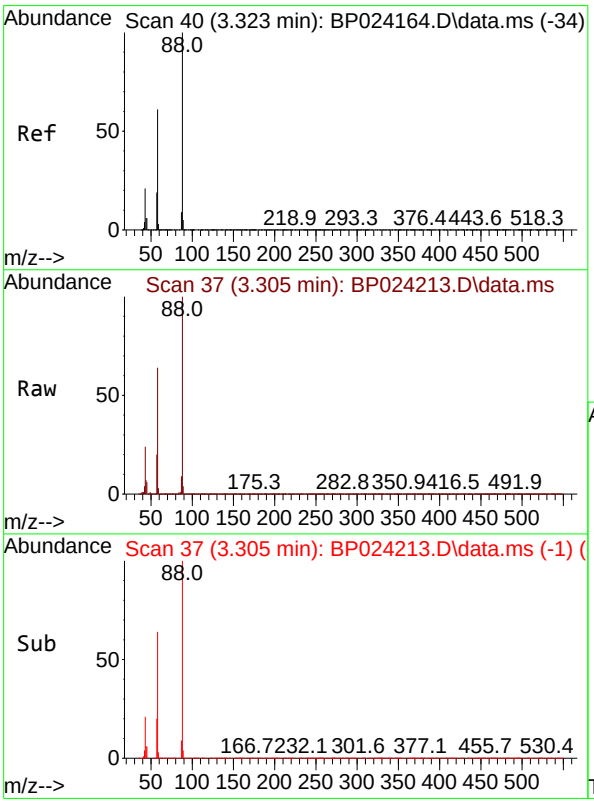
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:152 Resp: 432520

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.5	188.3
115	59.6	46.3	69.5

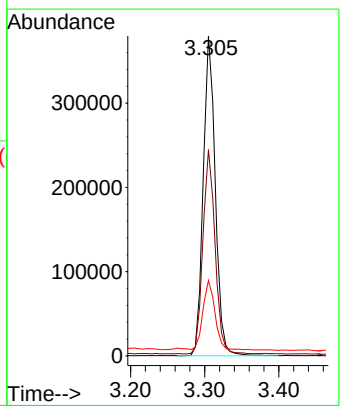


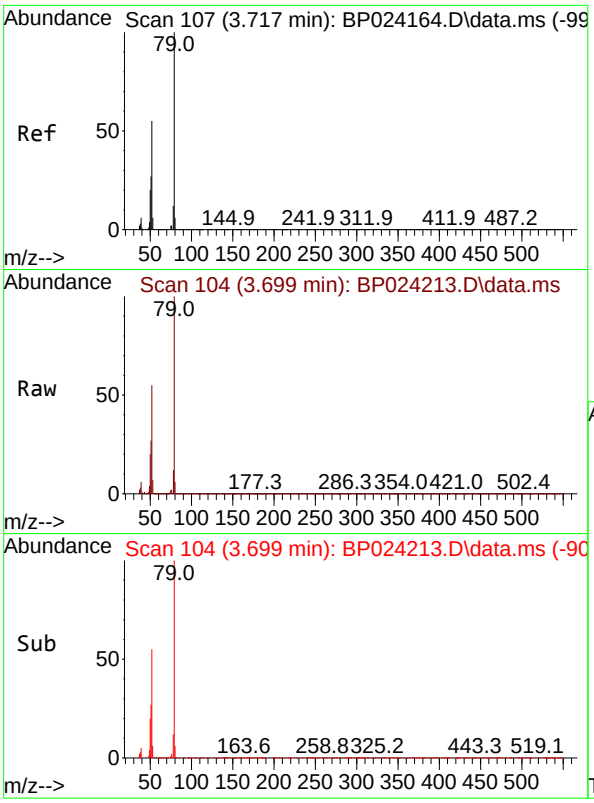


#2
1,4-Dioxane
Concen: 40.037 ng
RT: 3.305 min Scan# 37
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 88 Resp: 430011

Ion	Ratio	Lower	Upper
88	100		
58	64.2	49.8	74.6
43	21.7	17.3	25.9



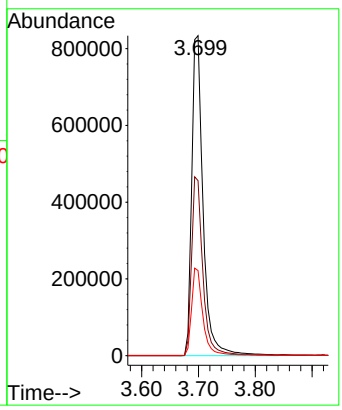


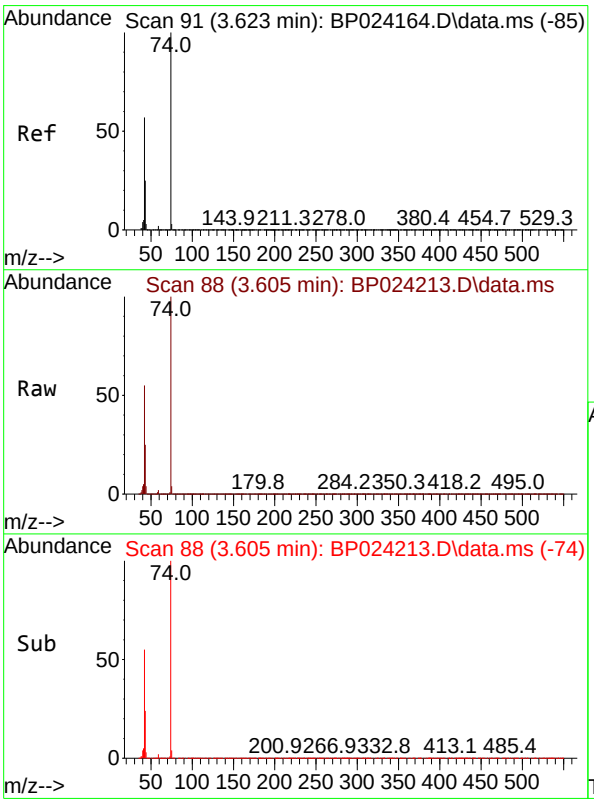
#3
Pyridine
Concen: 39.624 ng
RT: 3.699 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 79 Resp: 1163440

Ion	Ratio	Lower	Upper
79	100		
52	54.7	43.8	65.8
51	26.6	21.6	32.4

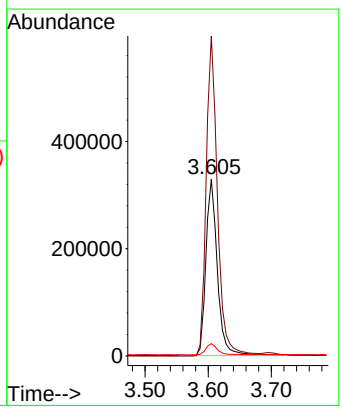


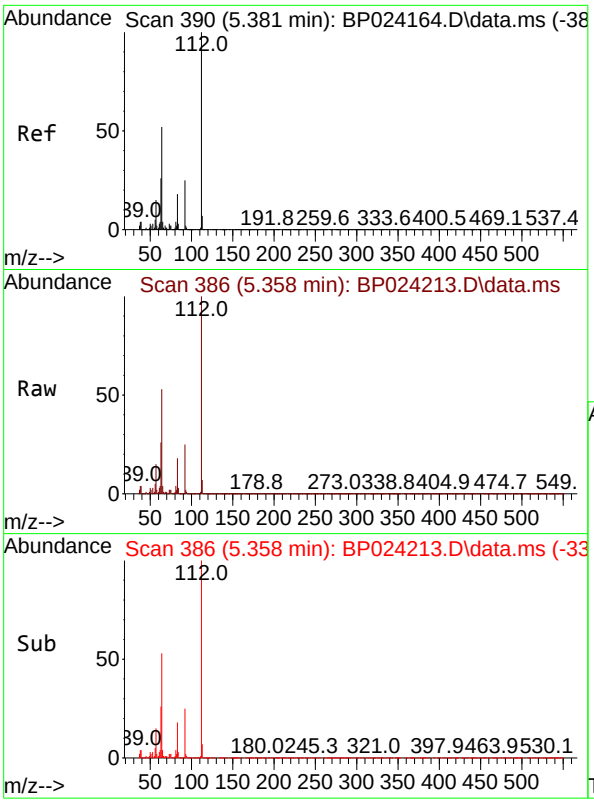


#4
n-Nitrosodimethylamine
Concen: 42.522 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 42 Resp: 417062

Ion	Ratio	Lower	Upper
42	100		
74	181.0	139.8	209.6
44	6.9	5.3	7.9



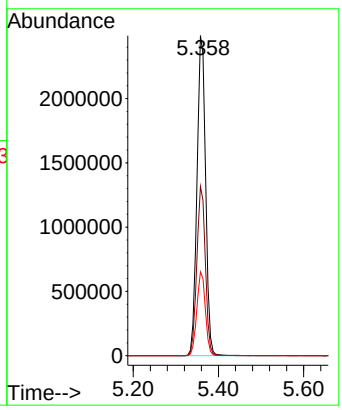


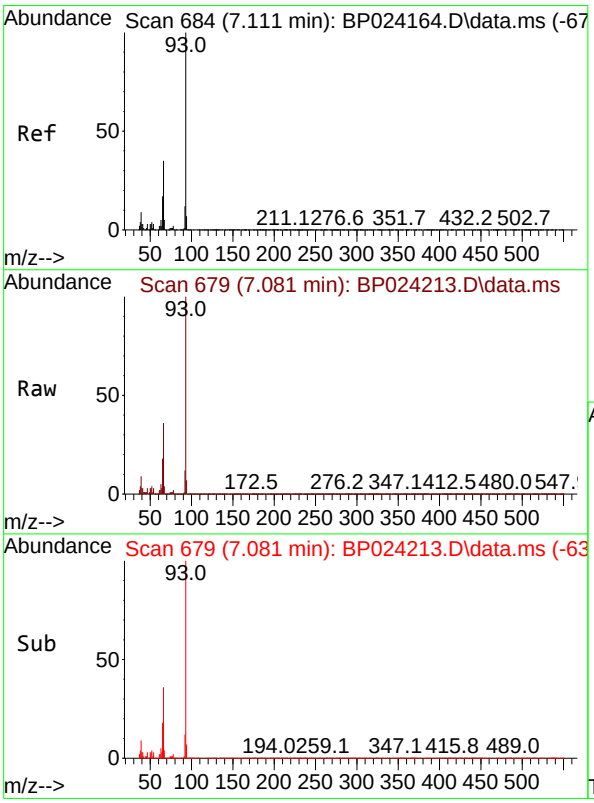
#5
2-Fluorophenol
Concen: 128.767 ng
RT: 5.358 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:112 Resp: 3488994

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.3	61.9
63	26.2	20.6	31.0

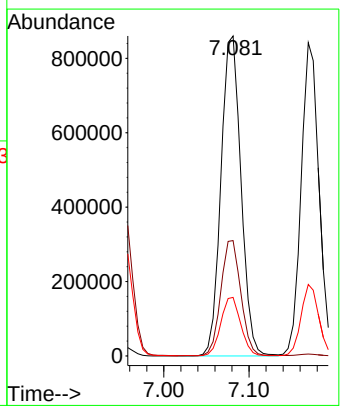


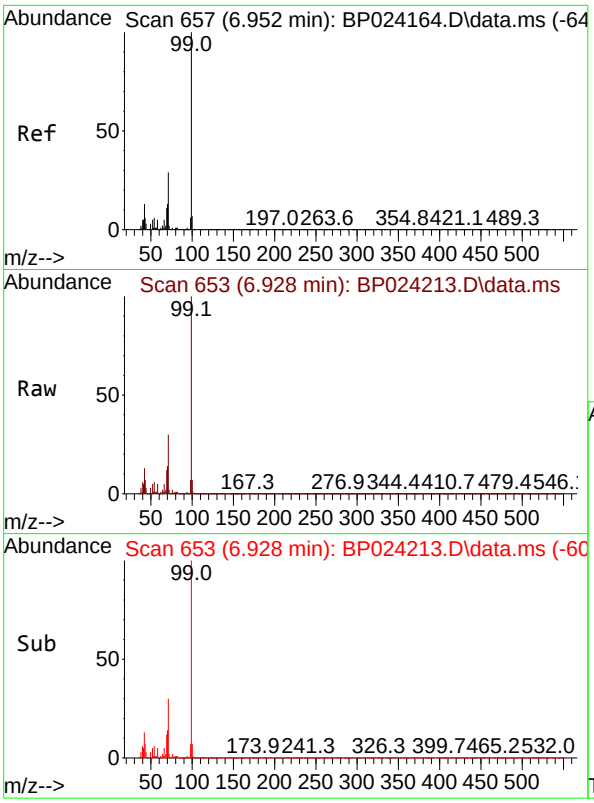


#6
Aniline
Concen: 42.554 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 93 Resp: 1404797

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.2	42.2
65	18.3	14.0	21.0



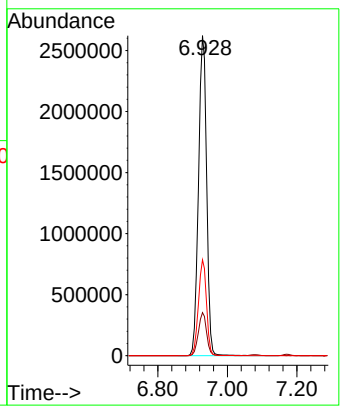


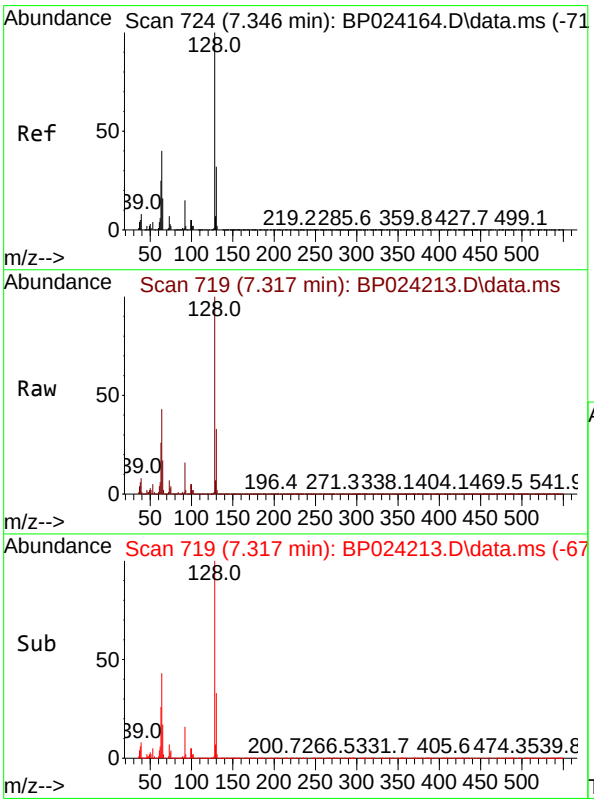
#7
Phenol-d6
Concen: 117.362 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 99 Resp: 4252456

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	16.0
71	29.9	23.3	34.9

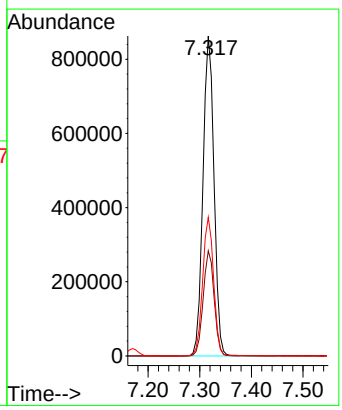


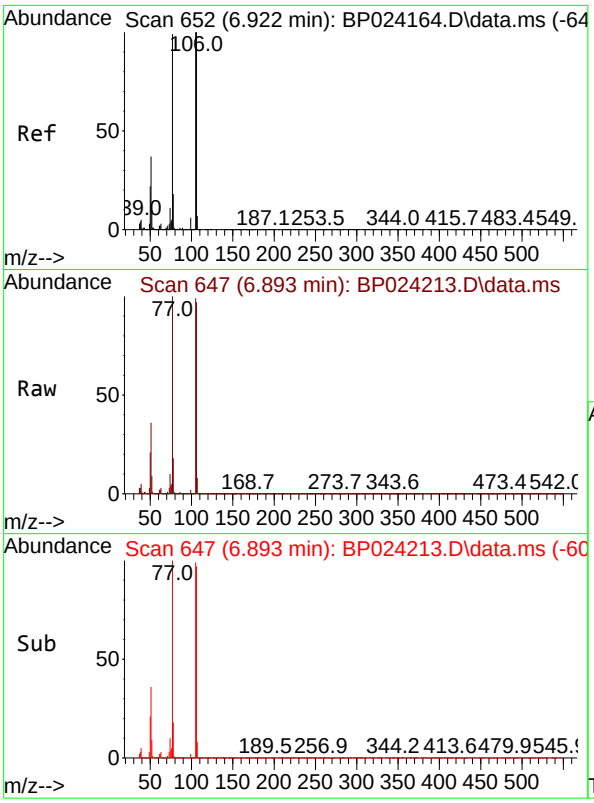


#8
2-Chlorophenol
Concen: 43.779 ng
RT: 7.317 min Scan# 719
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:128 Resp: 1281285

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.0	52.0
64	43.3	21.6	61.6



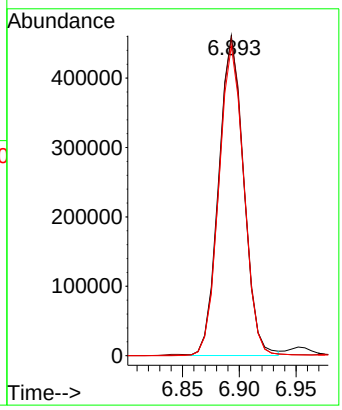


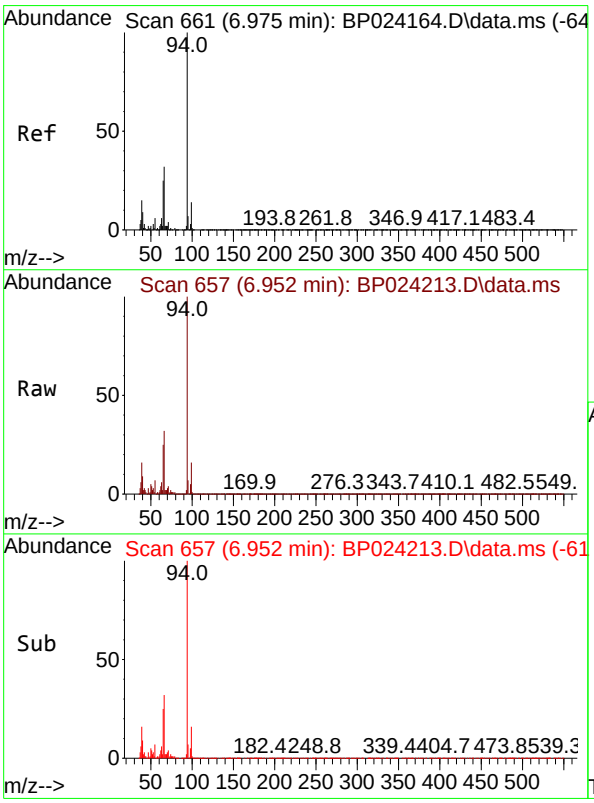
#9
Benzaldehyde
Concen: 40.260 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 77 Resp: 703975

Ion	Ratio	Lower	Upper
77	100		
105	99.3	81.4	121.4
106	96.8	81.1	121.1

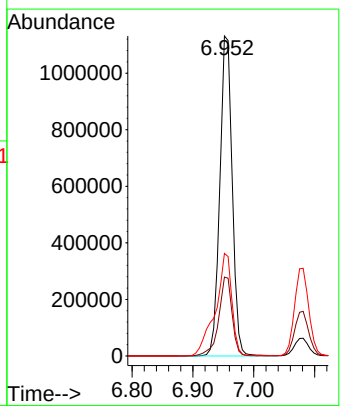


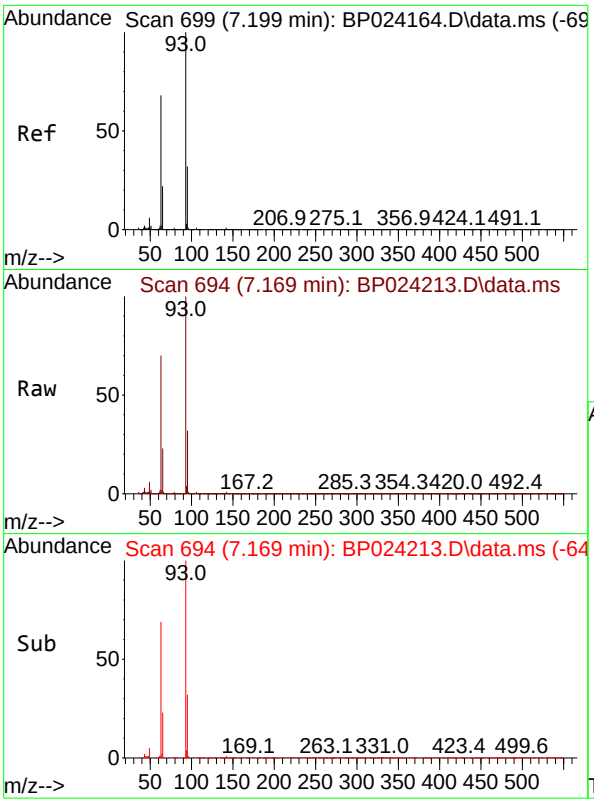


#10
Phenol
Concen: 43.772 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 94 Resp: 1601100

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.9	44.9
66	32.1	11.9	51.9



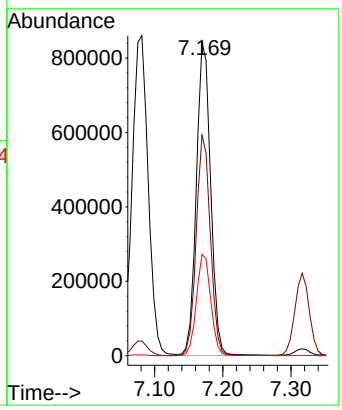


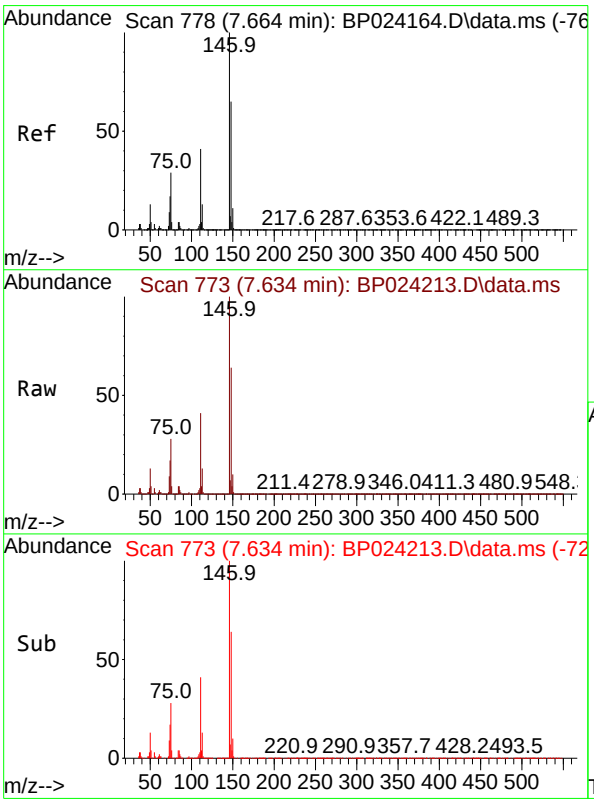
#11
bis(2-Chloroethyl)ether
Concen: 42.589 ng
RT: 7.169 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 93 Resp: 1228503

Ion	Ratio	Lower	Upper
93	100		
63	70.3	47.4	87.4
95	32.3	12.1	52.1

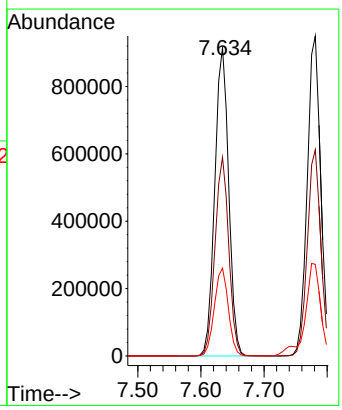


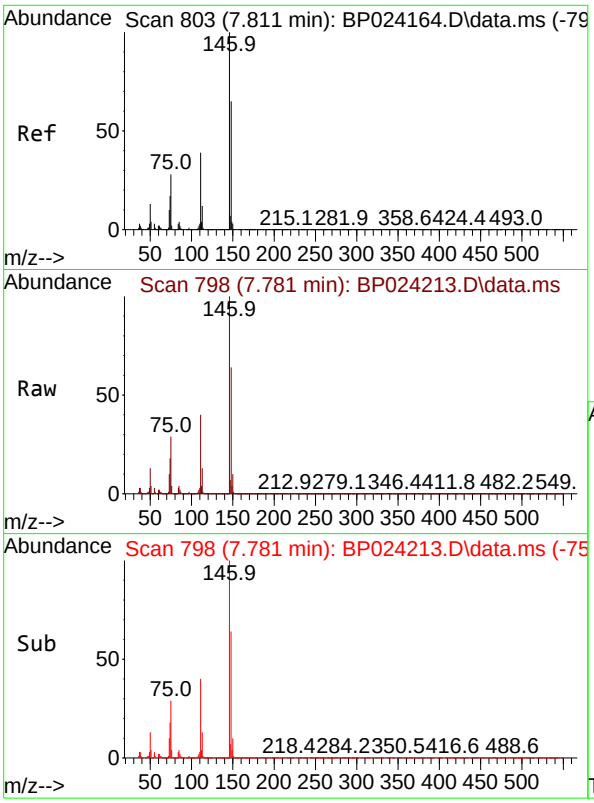


#12
1,3-Dichlorobenzene
Concen: 44.276 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:146 Resp: 1397403

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
75	28.4	22.8	34.2



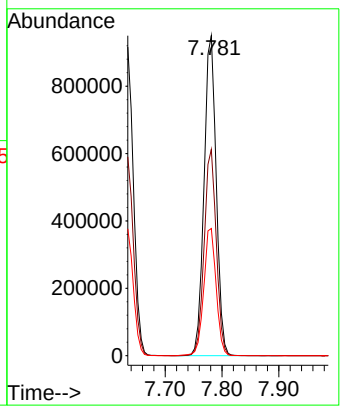


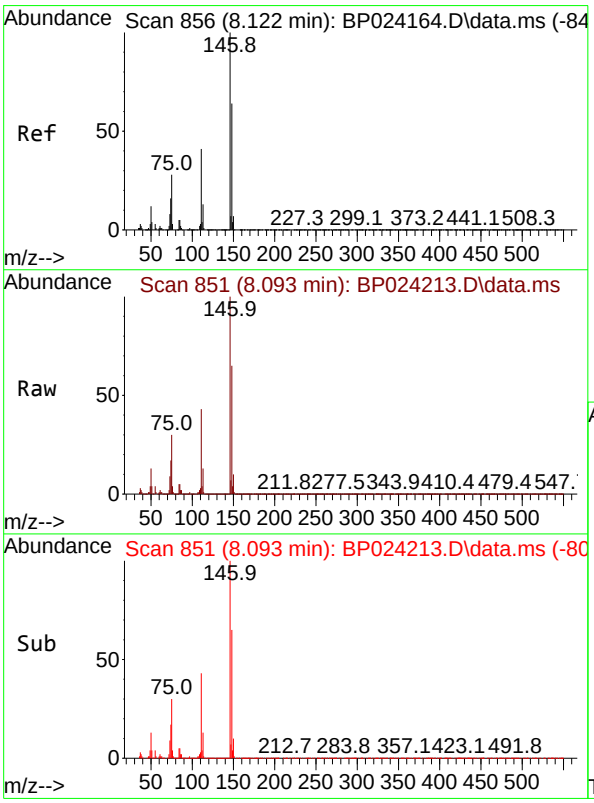
#13
1,4-Dichlorobenzene
Concen: 43.646 ng
RT: 7.781 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:146 Resp: 1406489

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	39.8	31.4	47.2

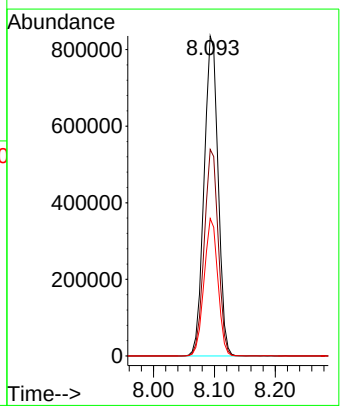


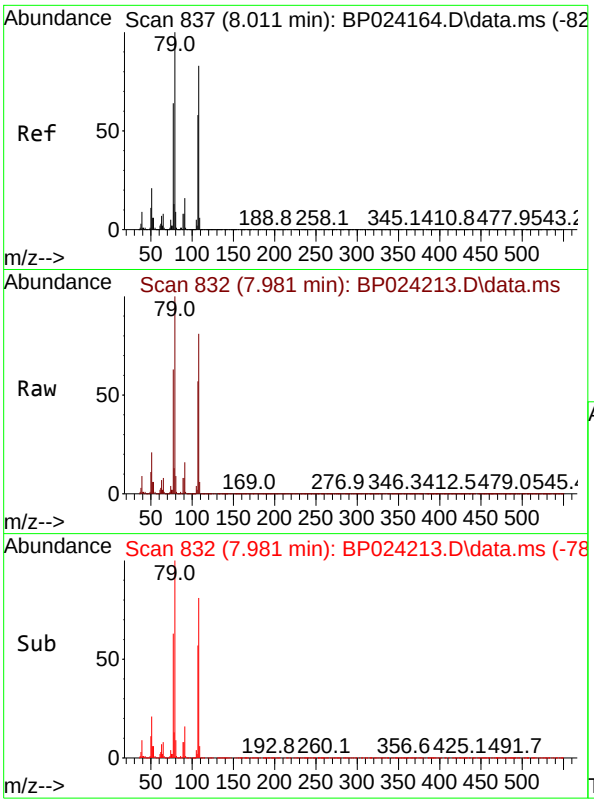


#14
1,2-Dichlorobenzene
Concen: 43.359 ng
RT: 8.093 min Scan# 851
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:146 Resp: 1340828

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	42.9	33.2	49.8



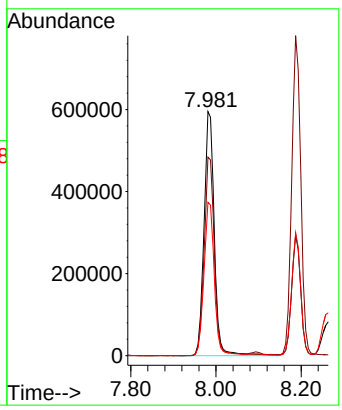


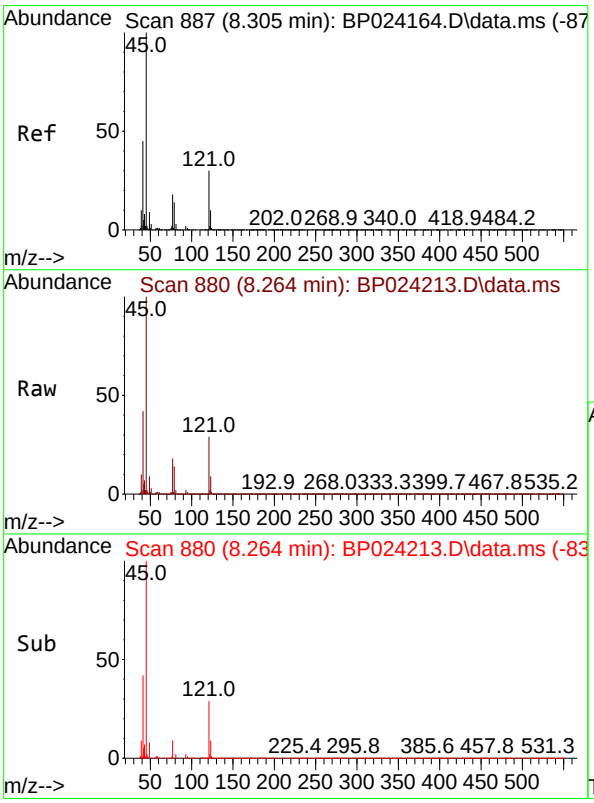
#15
Benzyl Alcohol
Concen: 43.426 ng
RT: 7.981 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 79 Resp: 996163

Ion	Ratio	Lower	Upper
79	100		
108	81.4	66.5	99.7
77	62.9	50.9	76.3

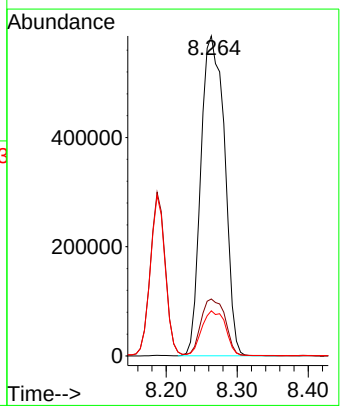


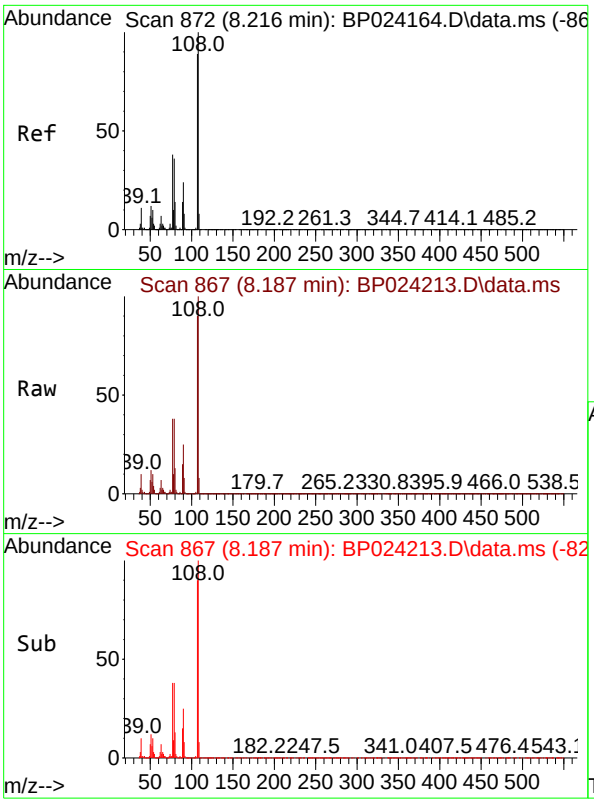


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.951 ng
RT: 8.264 min Scan# 880
Delta R.T. -0.041 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 45 Resp: 1352823

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	39.0
79	14.1	0.0	35.6



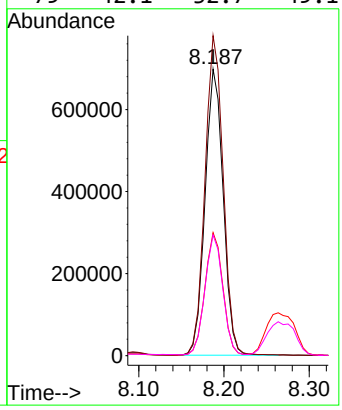


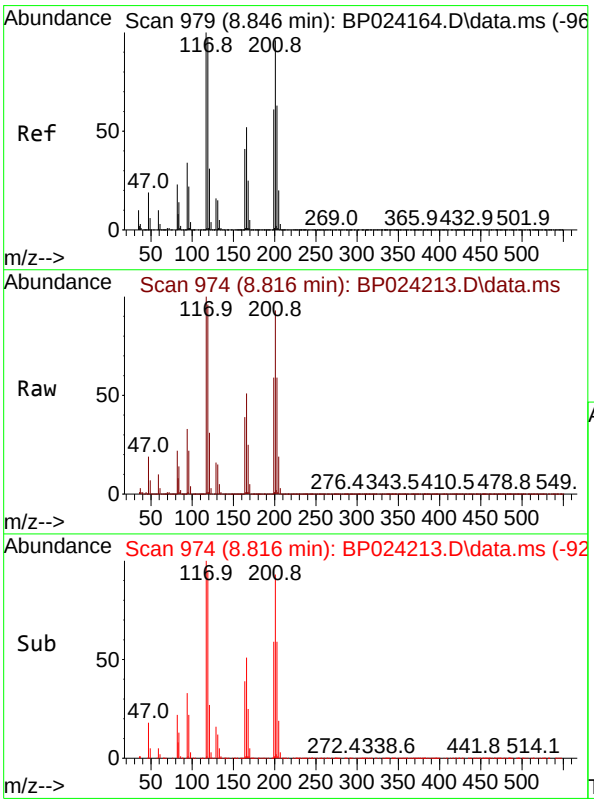
#17
2-Methylphenol
Concen: 44.940 ng
RT: 8.187 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:107 Resp: 1030791

Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.0	135.0
77	42.9	34.0	51.0
79	42.1	32.7	49.1

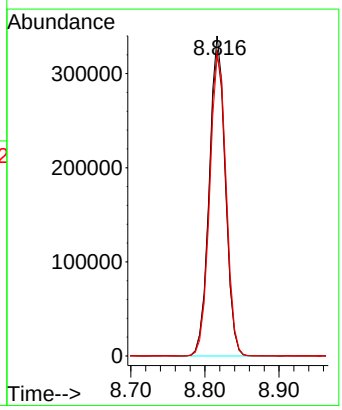


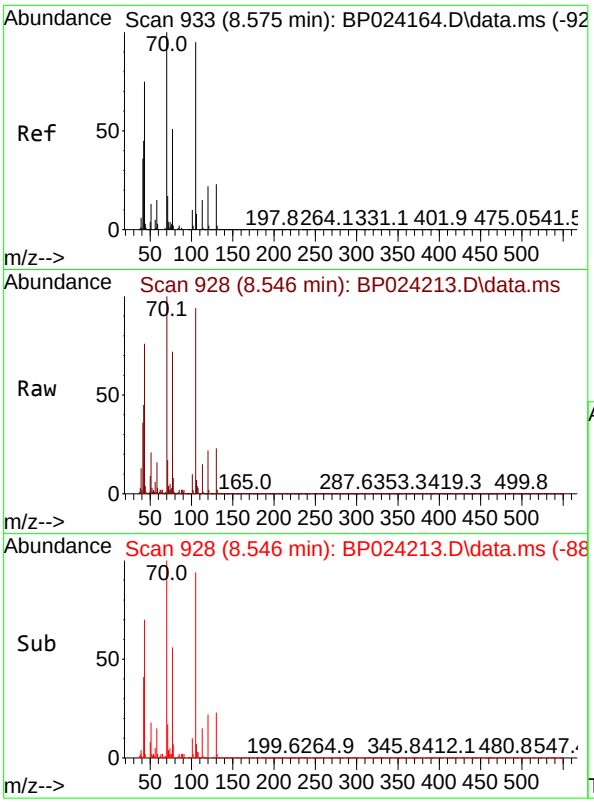


#18
Hexachloroethane
Concen: 45.026 ng
RT: 8.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:117 Resp: 514776

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	93.5	76.6	114.8



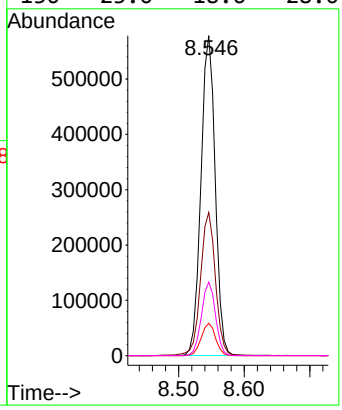


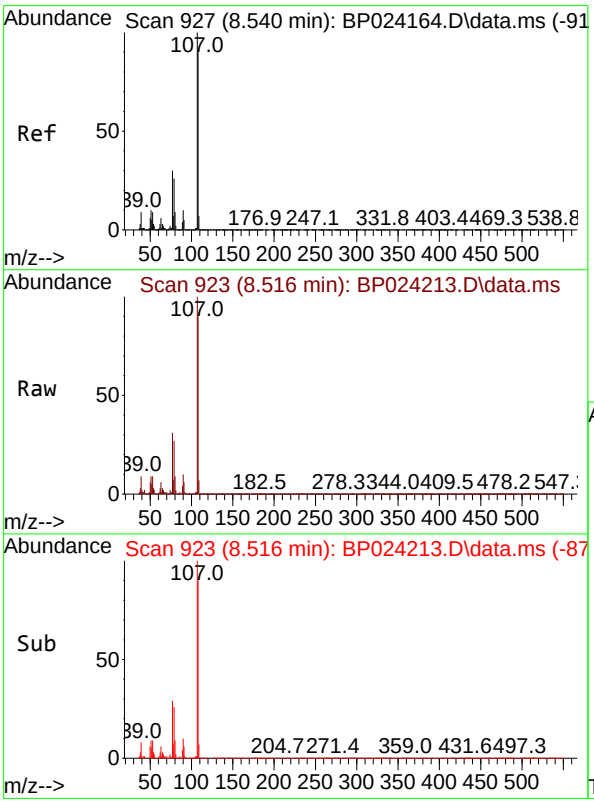
#19
n-Nitroso-di-n-propylamine
Concen: 41.640 ng
RT: 8.546 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 70 Resp: 875299

Ion	Ratio	Lower	Upper
70	100		
42	44.7	36.0	54.0
101	10.1	8.3	12.5
130	23.0	18.6	28.0

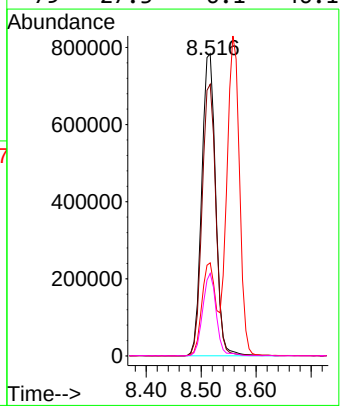


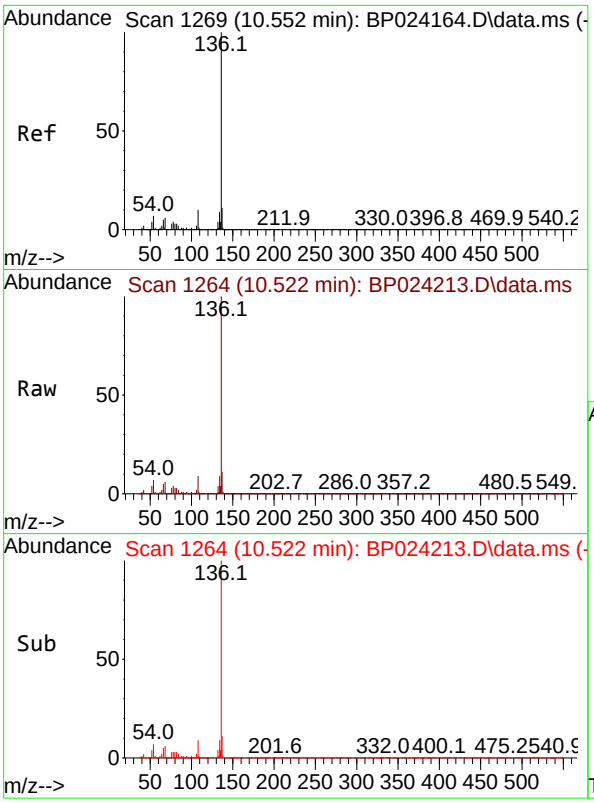


#20
3+4-Methylphenols
Concen: 43.696 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:107 Resp: 1376966

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.7	109.7
77	30.8	10.3	50.3
79	27.3	6.1	46.1



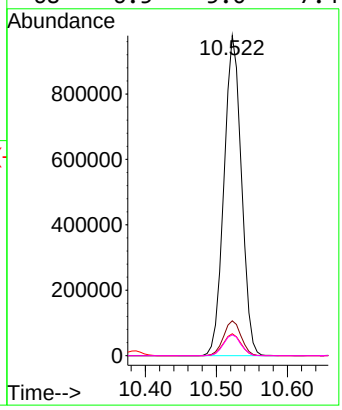


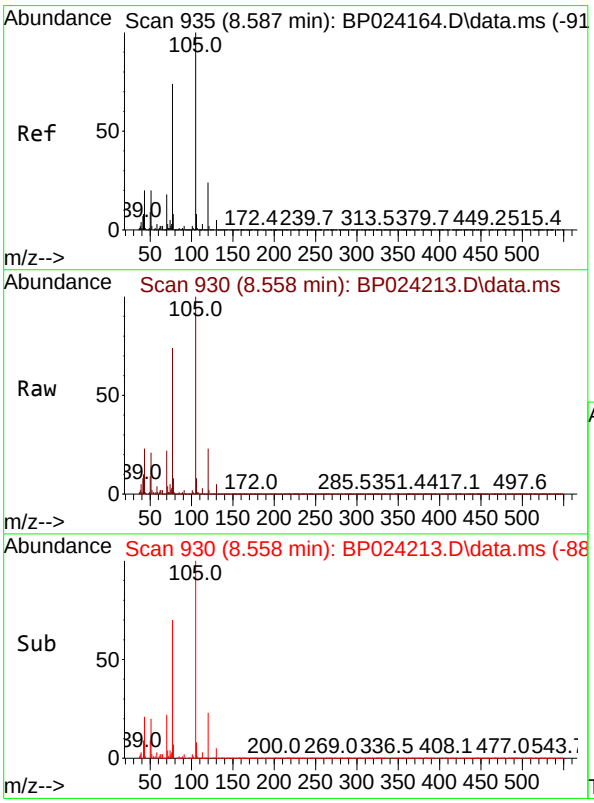
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:136 Resp: 1663507

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.3	7.9
68	6.5	5.0	7.4

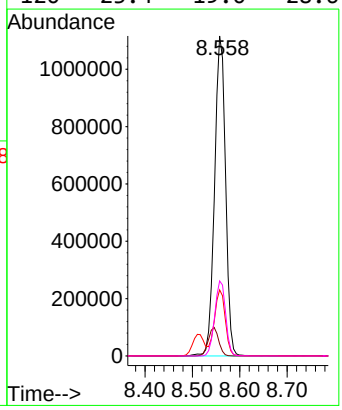


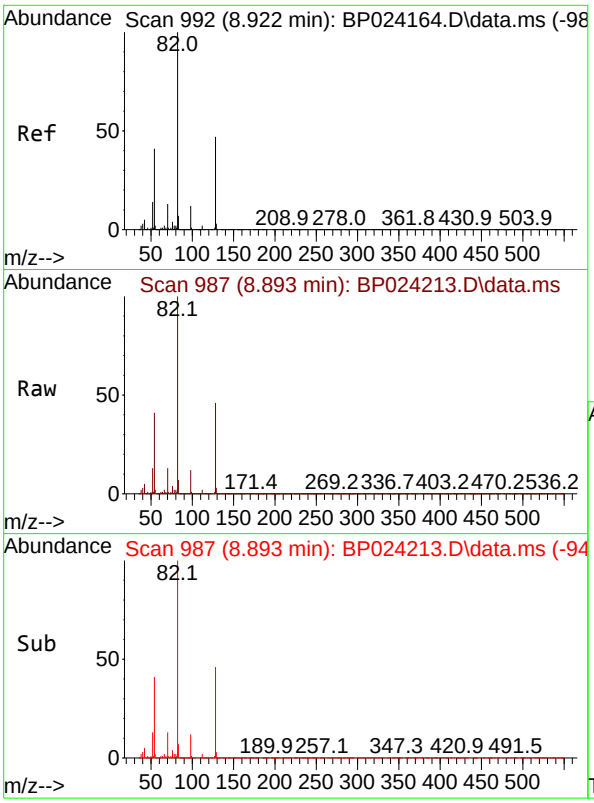


#22
Acetophenone
Concen: 42.697 ng
RT: 8.558 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:105 Resp: 1795686

Ion	Ratio	Lower	Upper
105	100		
71	3.8	2.4	3.6#
51	20.7	16.2	24.2
120	23.4	19.0	28.6



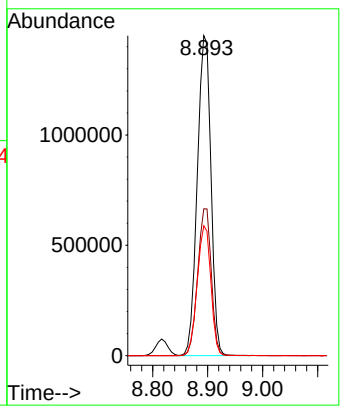


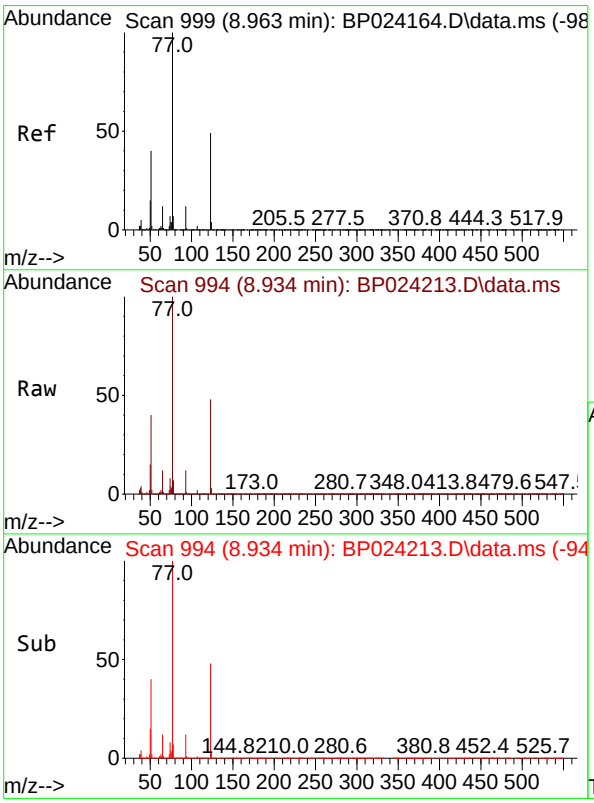
#23
Nitrobenzene-d5
Concen: 85.061 ng
RT: 8.893 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 82 Resp: 2507924

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.0
54	40.6	32.5	48.7

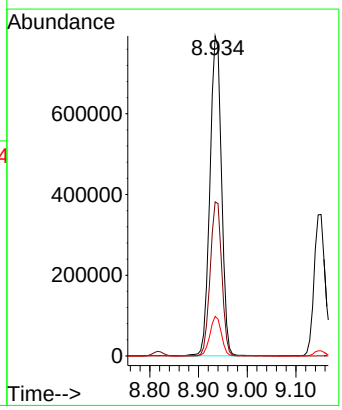


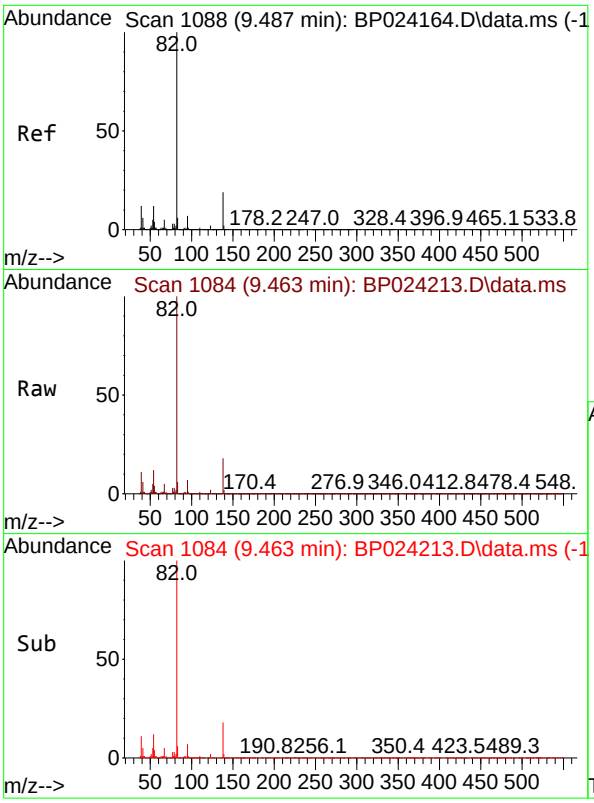


#24
Nitrobenzene
Concen: 44.800 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 77 Resp: 1303028

Ion	Ratio	Lower	Upper
77	100		
123	48.1	39.4	59.2
65	12.4	9.9	14.9



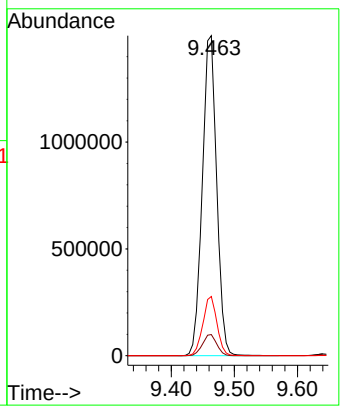


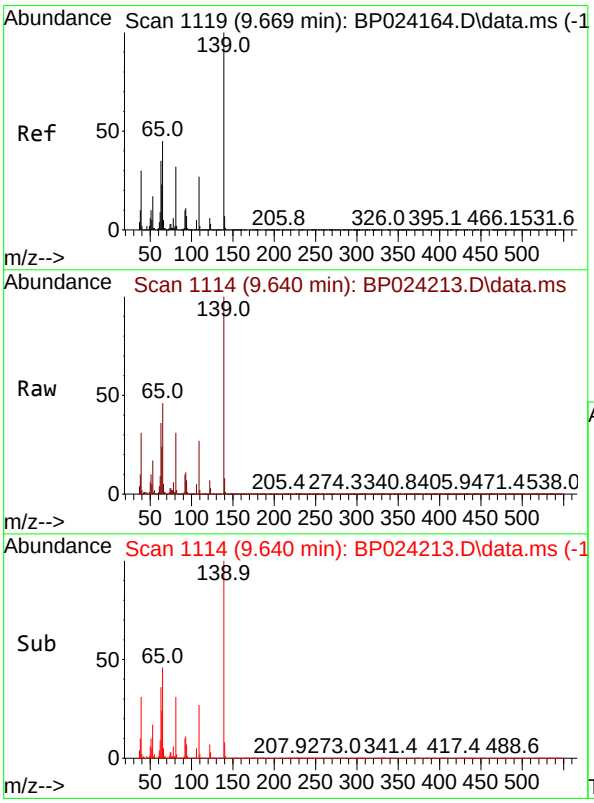
#25
Isophorone
Concen: 46.856 ng
RT: 9.463 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 82 Resp: 2368131

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.5	14.8	22.2

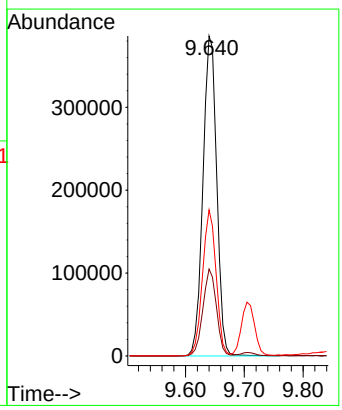


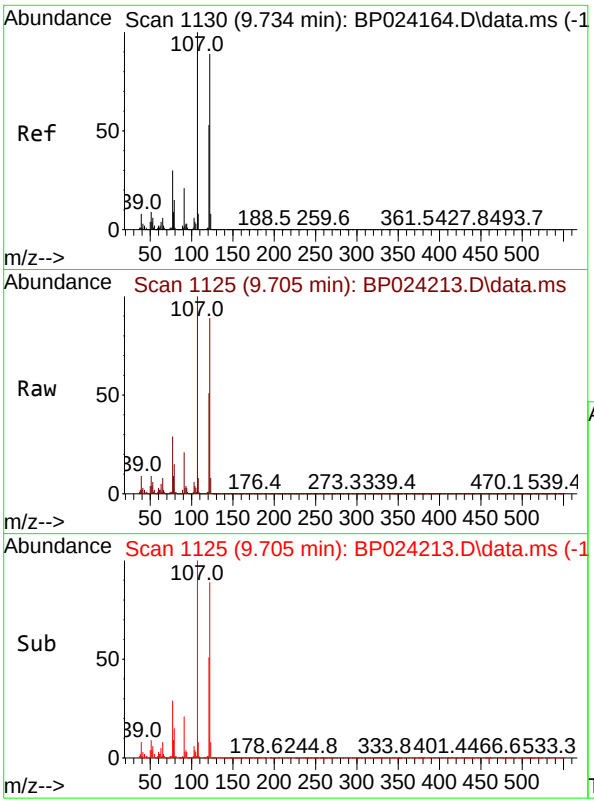


#26
2-Nitrophenol
Concen: 45.169 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:139 Resp: 627546

Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.7	32.5
65	45.6	35.8	53.8



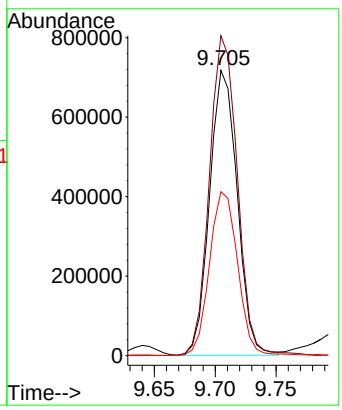


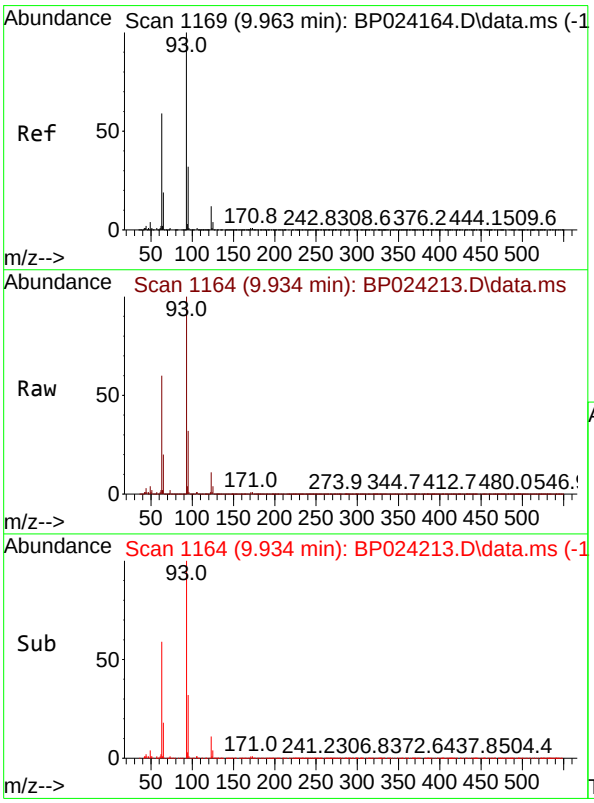
#27
2,4-Dimethylphenol
Concen: 63.474 ng
RT: 9.705 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:122 Resp: 1133961

Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.3	133.9
121	57.5	47.5	71.3

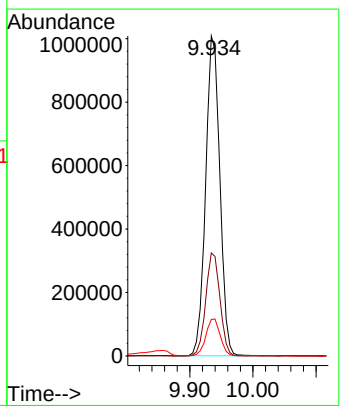


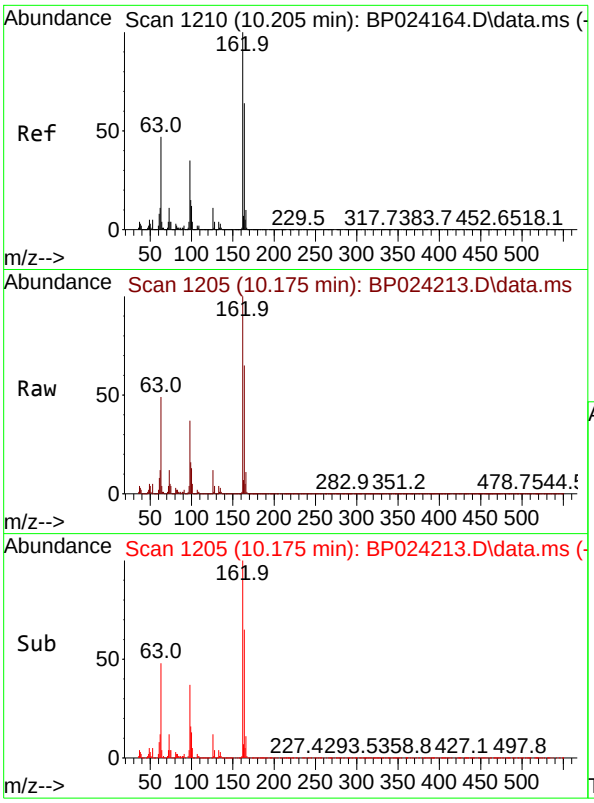


#28
bis(2-Chloroethoxy)methane
Concen: 44.249 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 93 Resp: 1573265

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	11.4	9.5	14.3



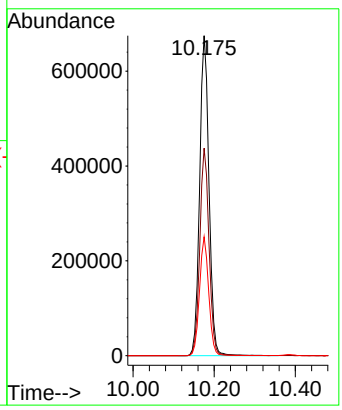


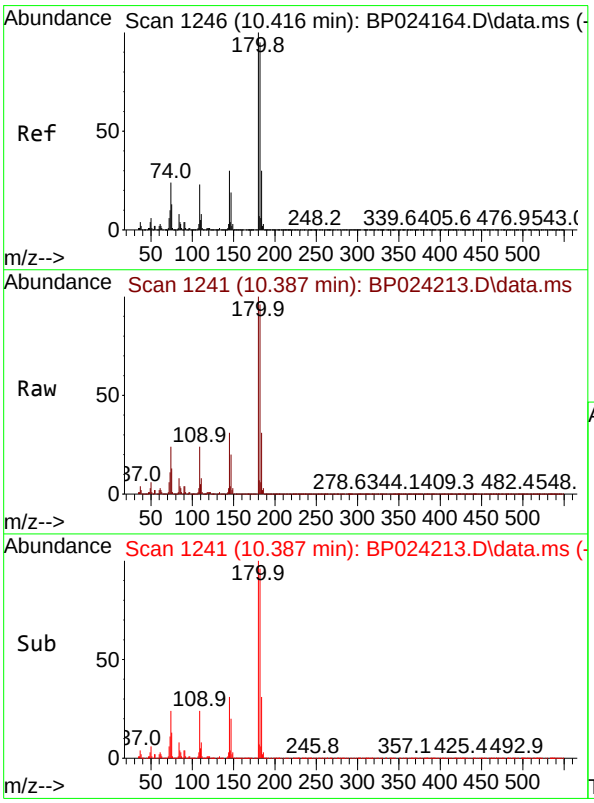
#29
2,4-Dichlorophenol
Concen: 44.776 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:162 Resp: 1082112

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	37.1	15.1	55.1

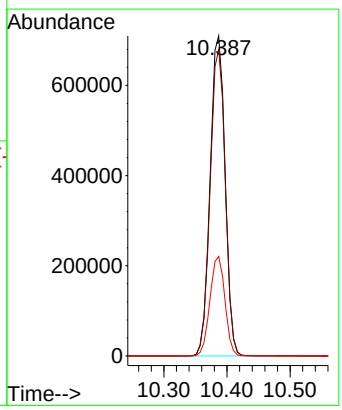


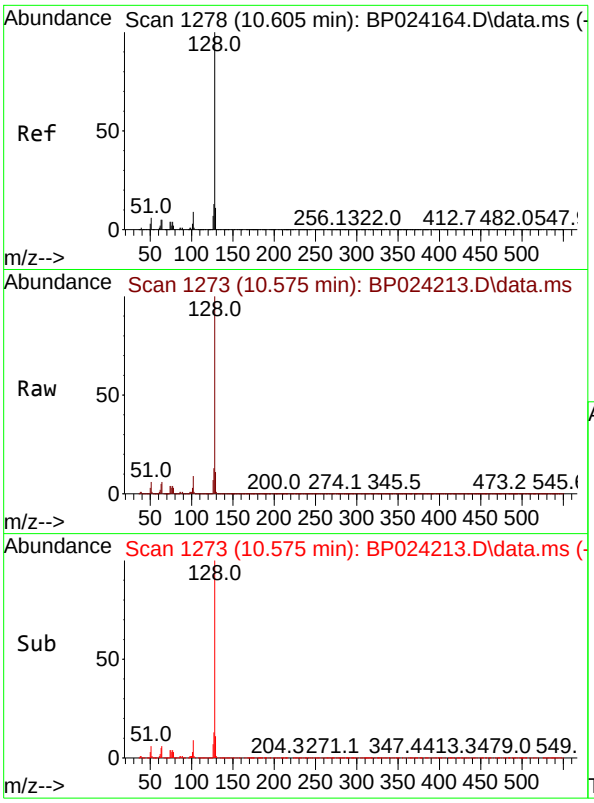


#30
1,2,4-Trichlorobenzene
Concen: 43.873 ng
RT: 10.387 min Scan# 1241
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:180 Resp: 1171441

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
145	31.1	24.2	36.2



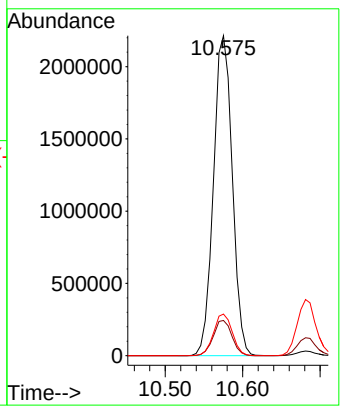


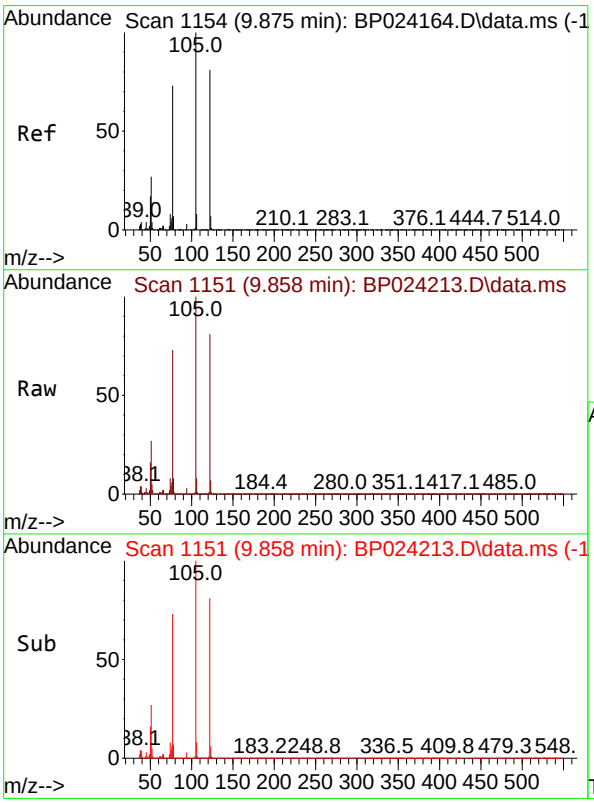
#31
Naphthalene
Concen: 42.455 ng
RT: 10.575 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:128 Resp: 3743698

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6

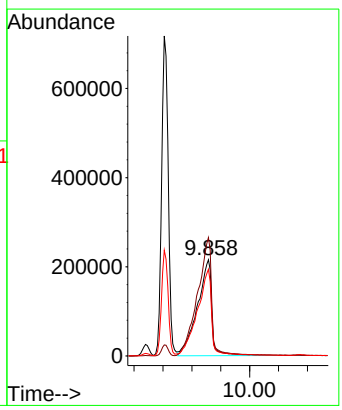


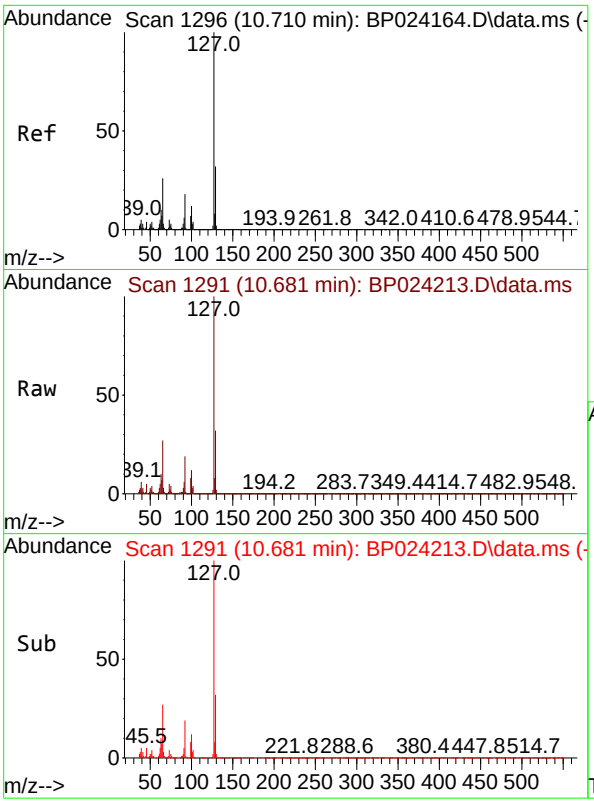


#32
Benzoic acid
Concen: 43.056 ng
RT: 9.858 min Scan# 1151
Delta R.T. -0.017 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:122 Resp: 750176

Ion	Ratio	Lower	Upper
122	100		
105	123.1	100.3	140.3
77	90.1	69.1	109.1



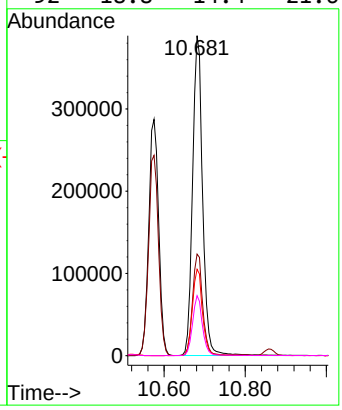


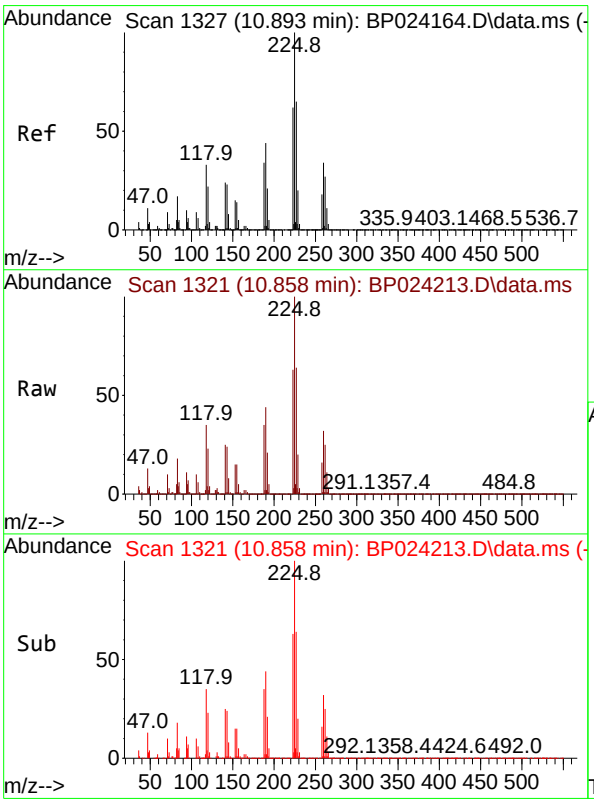
#33
4-Chloroaniline
Concen: 21.219 ng
RT: 10.681 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:127 Resp: 669606

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	27.0	21.2	31.8
92	18.8	14.4	21.6

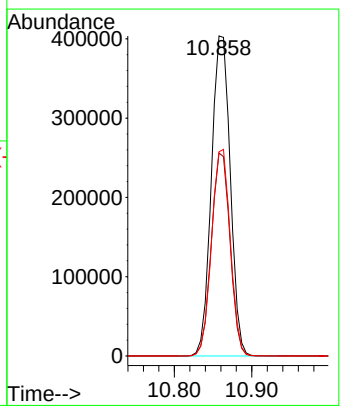


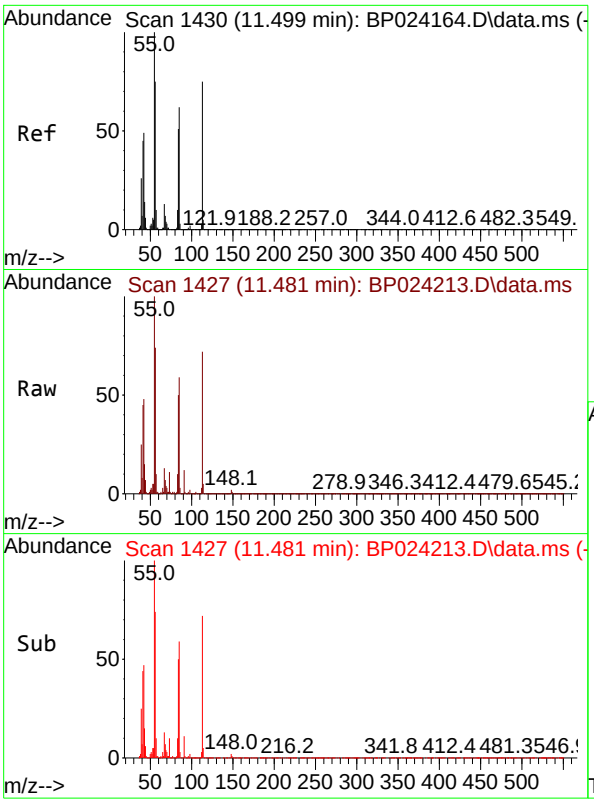


#34
Hexachlorobutadiene
Concen: 44.429 ng
RT: 10.858 min Scan# 1321
Delta R.T. -0.035 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:225 Resp: 682737

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	63.8	52.2	78.2



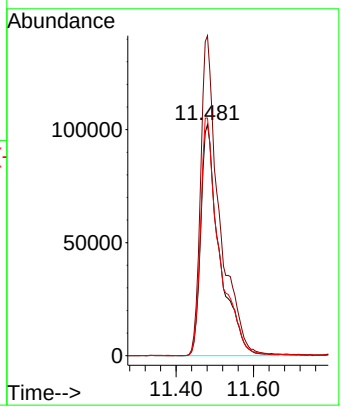


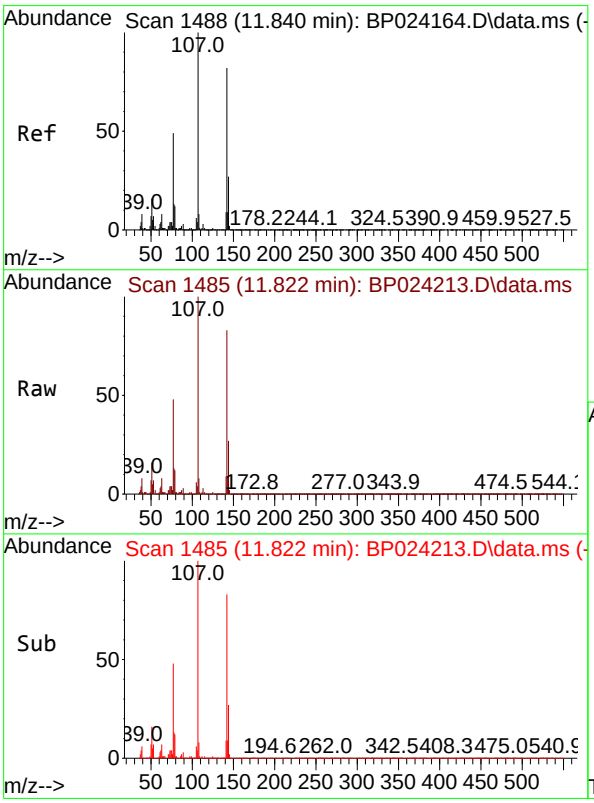
#35
Caprolactam
Concen: 43.361 ng
RT: 11.481 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:113 Resp: 343442

Ion	Ratio	Lower	Upper
113	100		
55	138.4	113.6	153.6
56	102.8	80.0	120.0

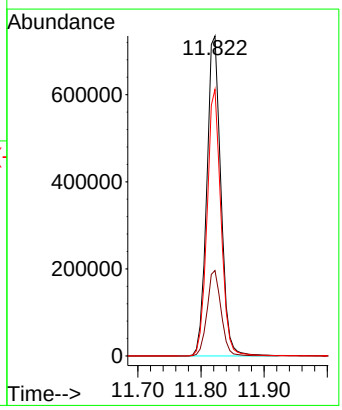


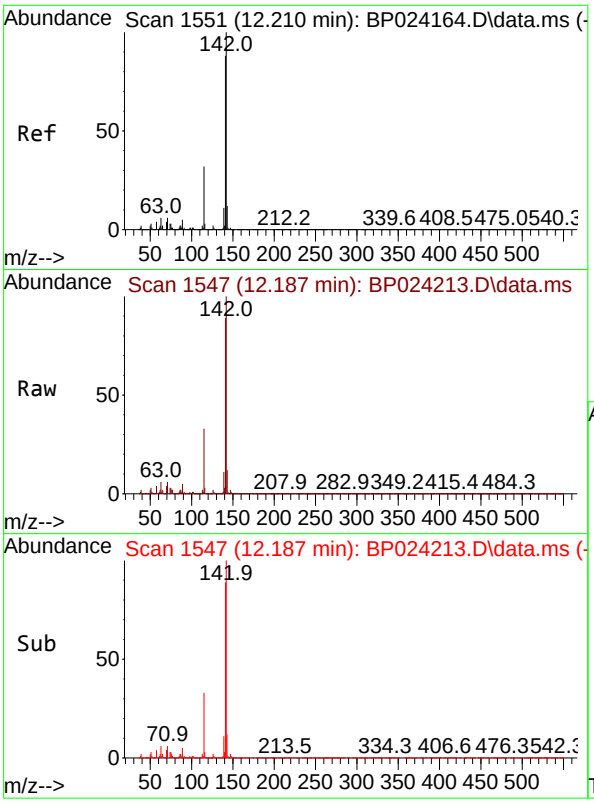


#36
4-Chloro-3-methylphenol
Concen: 43.706 ng
RT: 11.822 min Scan# 1485
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:107 Resp: 1139474

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.6	32.4
142	83.3	65.4	98.0



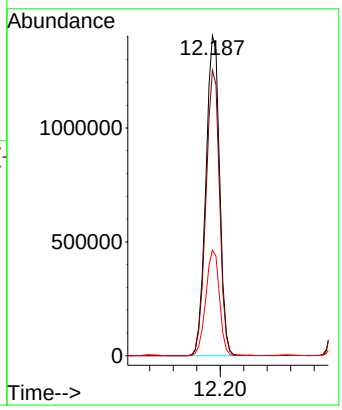


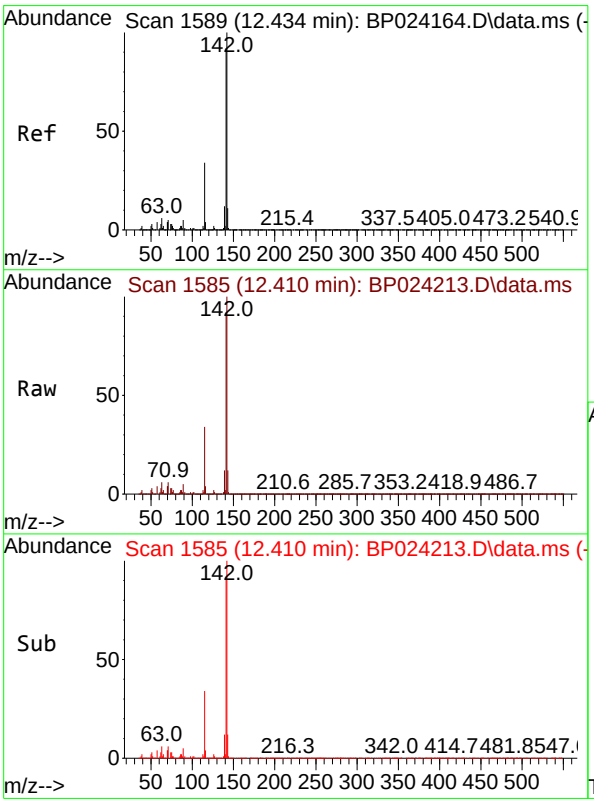
#37
2-Methylnaphthalene
Concen: 38.297 ng
RT: 12.187 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:142 Resp: 2281446

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	33.0	26.0	39.0

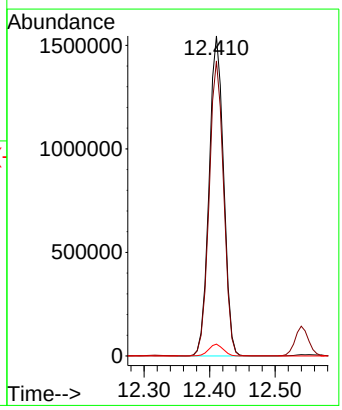


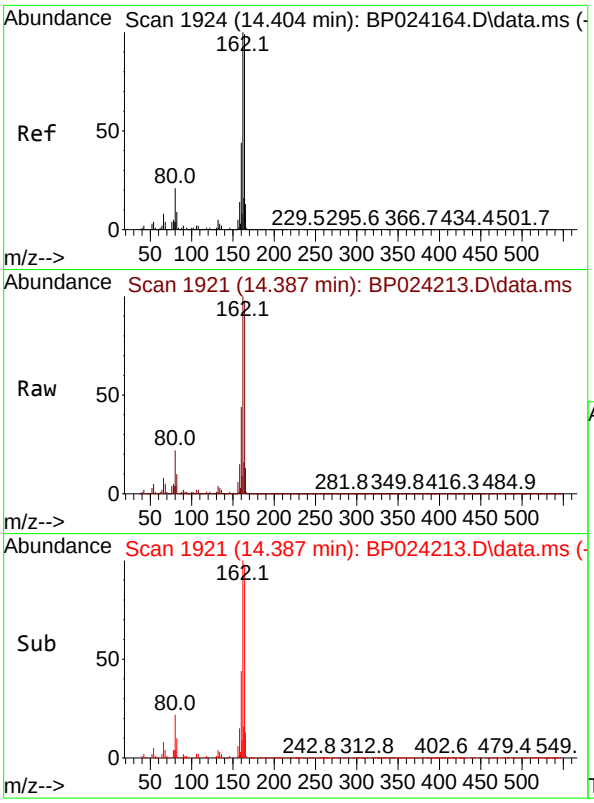


#38
1-Methylnaphthalene
Concen: 41.093 ng
RT: 12.410 min Scan# 1585
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:142 Resp: 2380994

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.9	110.9
116	3.7	2.8	4.2



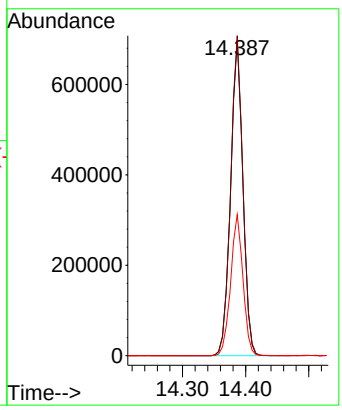


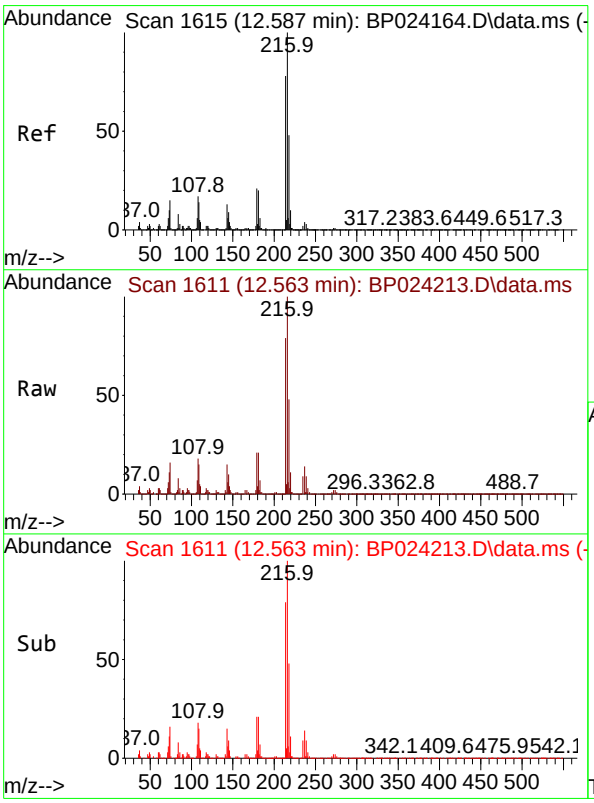
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:164 Resp: 944043

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	44.8	35.4	53.2

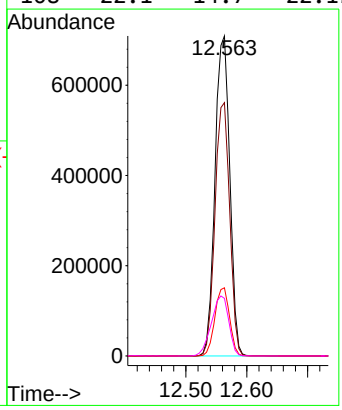


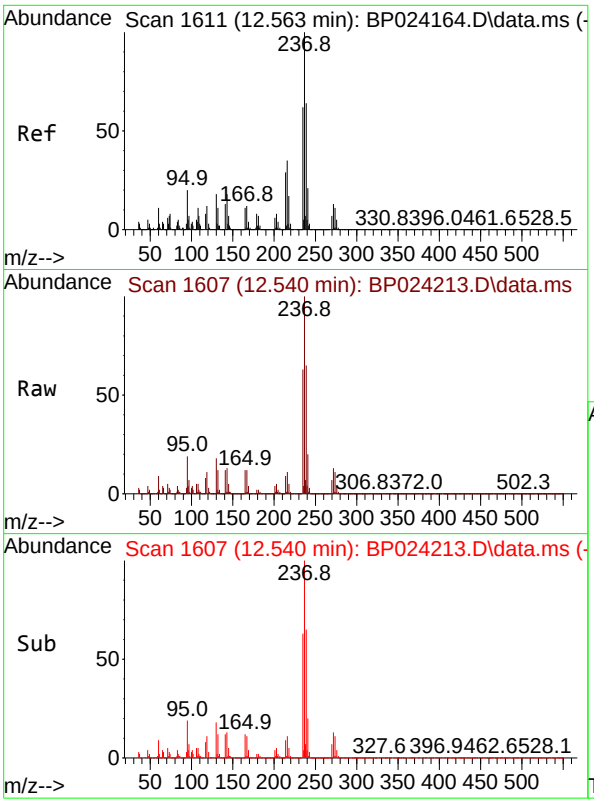


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.785 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:216 Resp: 1194871

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.8	94.2
179	21.2	16.8	25.2
108	22.1	14.7	22.1#



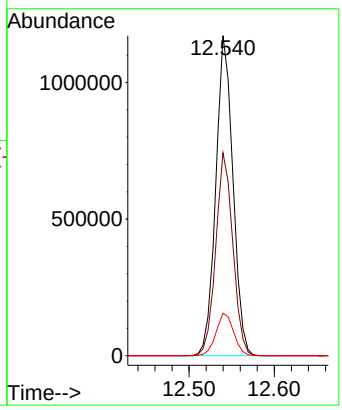


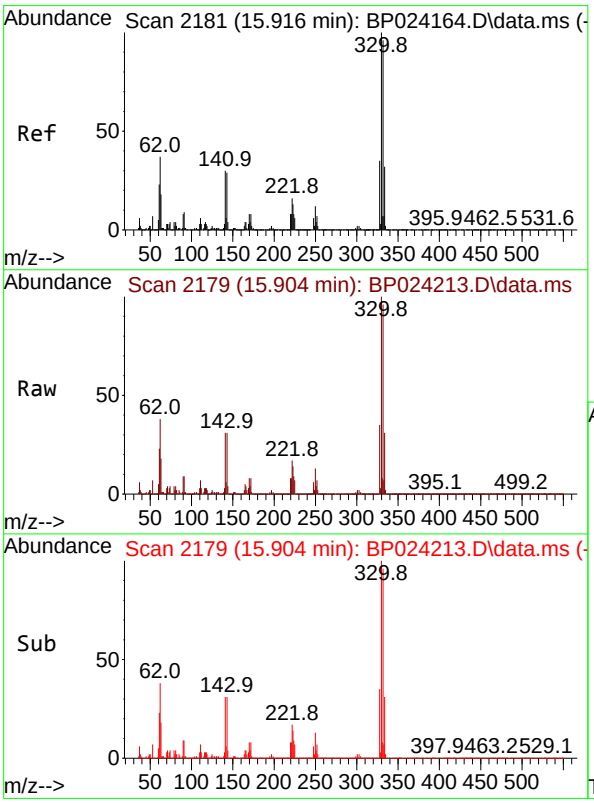
#41
Hexachlorocyclopentadiene
Concen: 166.606 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:237 Resp: 1638893

Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.8	81.8
272	13.3	0.0	33.5

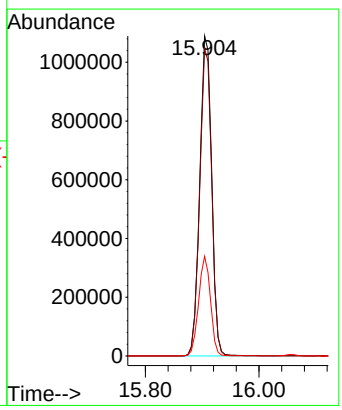


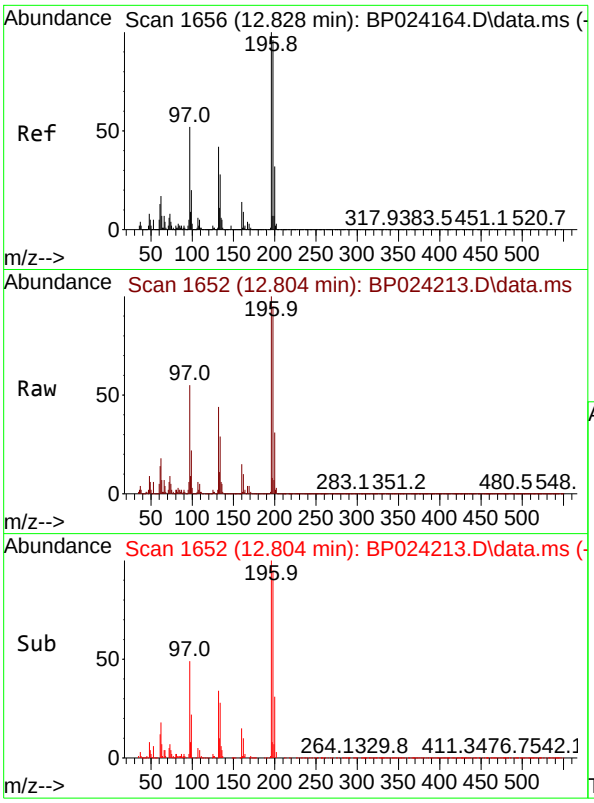


#42
2,4,6-Tribromophenol
Concen: 133.578 ng
RT: 15.904 min Scan# 2179
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:330 Resp: 1588438

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	30.9	25.0	37.6



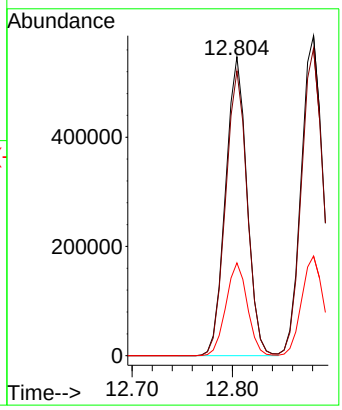


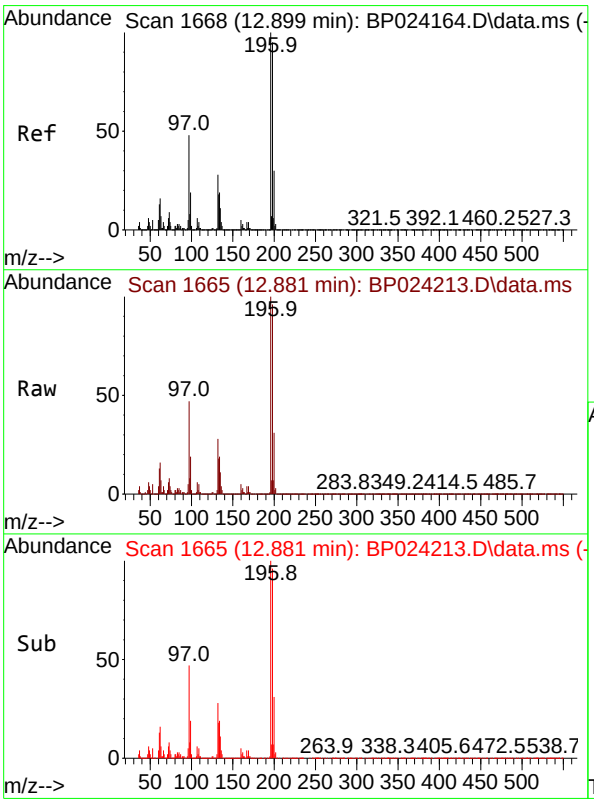
#43
2,4,6-Trichlorophenol
Concen: 46.974 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:196 Resp: 814676

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	115.0
200	31.1	25.4	38.0

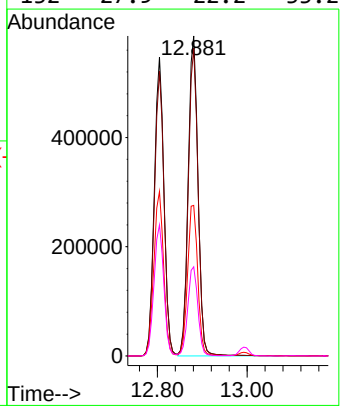


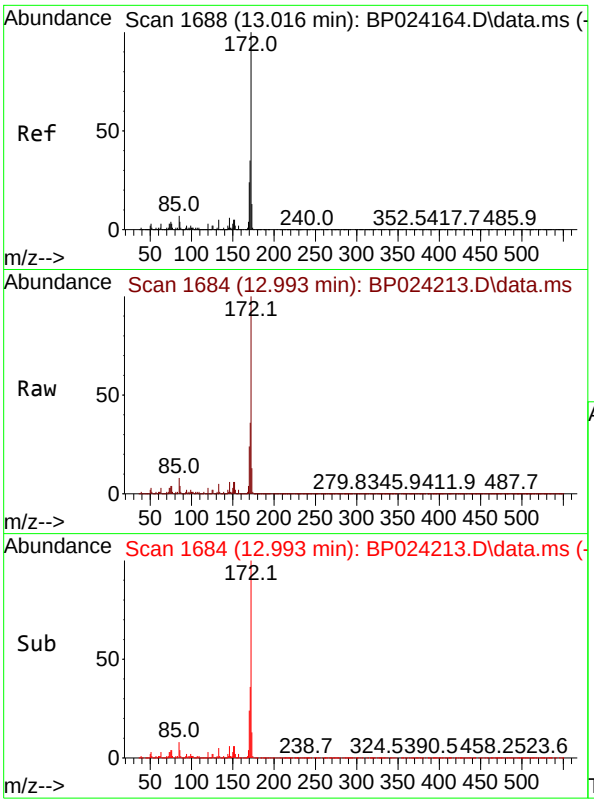


#44
2,4,5-Trichlorophenol
Concen: 46.734 ng
RT: 12.881 min Scan# 1665
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:196 Resp: 888862

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.5	114.7
97	47.0	38.7	58.1
132	27.9	22.2	33.2



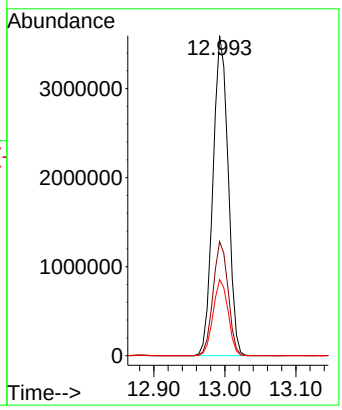


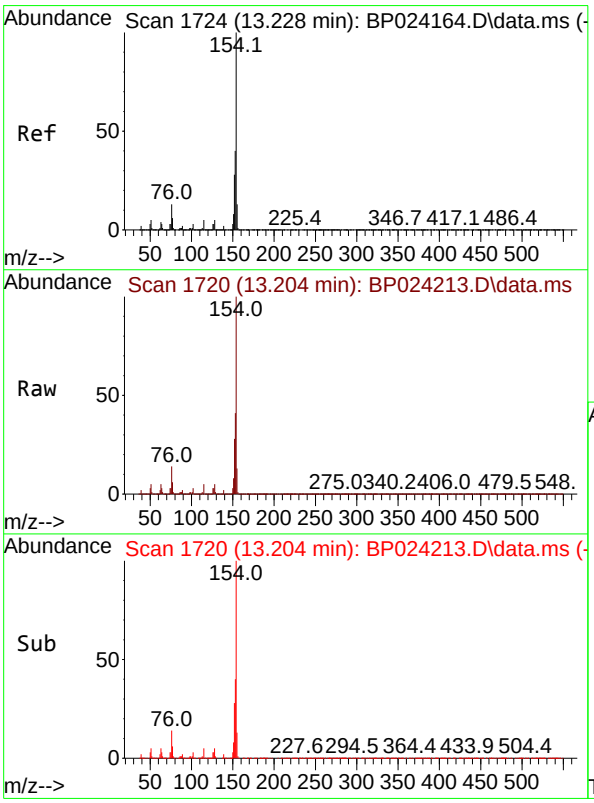
#45
2-Fluorobiphenyl
Concen: 82.897 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:172 Resp: 5307334

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.7	19.0	28.4

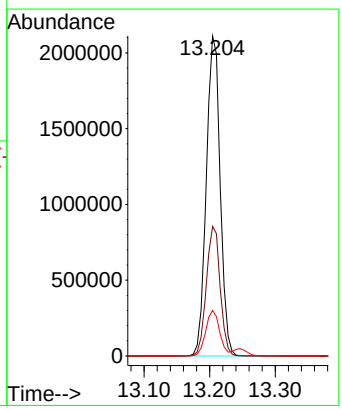


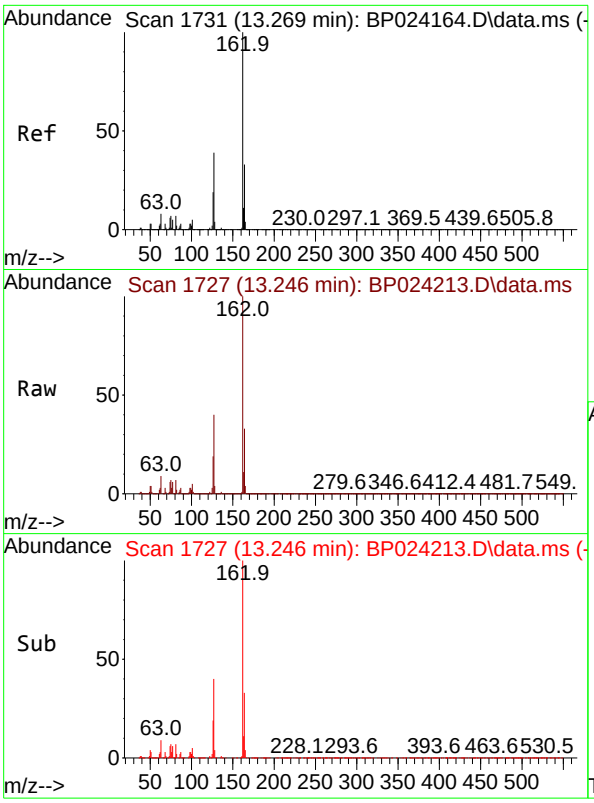


#46
1,1'-Biphenyl
Concen: 43.742 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:154 Resp: 3103109

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	14.2	0.0	32.9



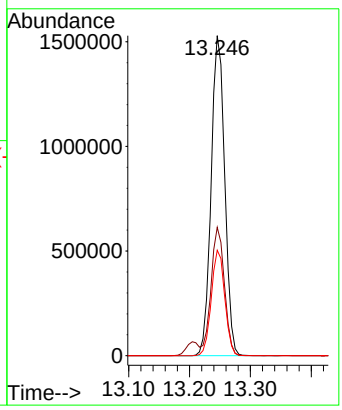


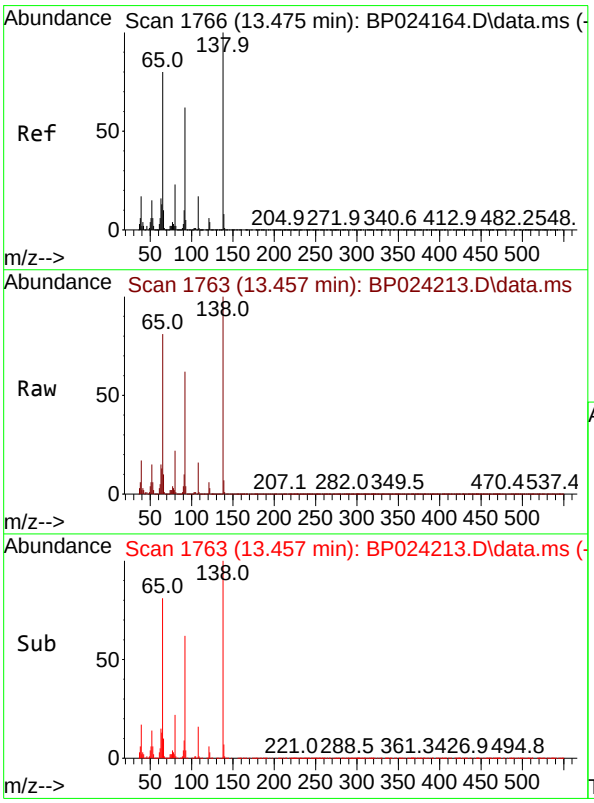
#47
2-Chloronaphthalene
Concen: 44.388 ng
RT: 13.246 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:162 Resp: 2368493

Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.5	47.3
164	32.9	26.6	39.8

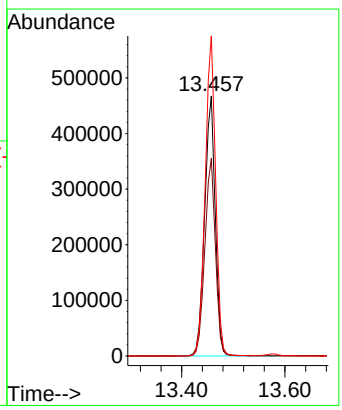


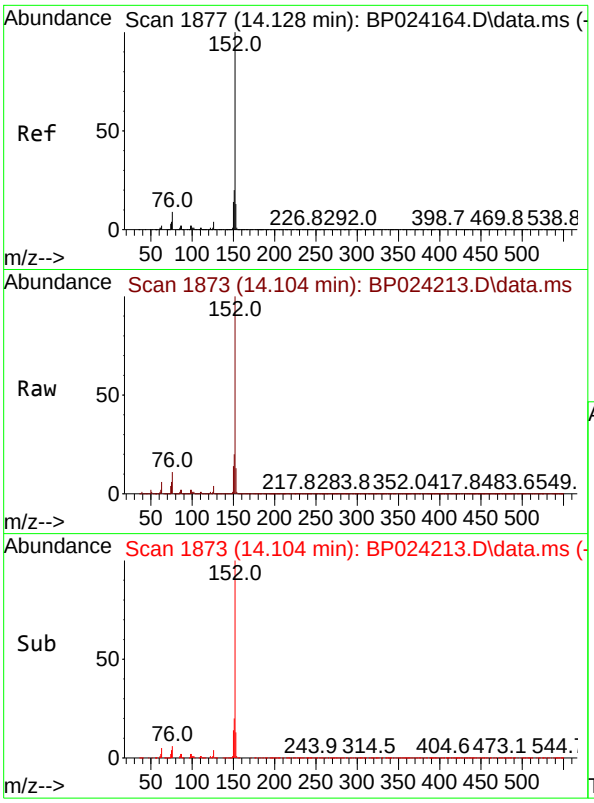


#48
2-Nitroaniline
Concen: 48.929 ng
RT: 13.457 min Scan# 1763
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion: 65 Resp: 667776

Ion	Ratio	Lower	Upper
65	100		
92	76.0	62.1	93.1
138	123.1	99.5	149.3



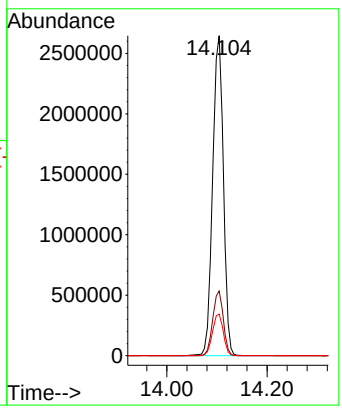


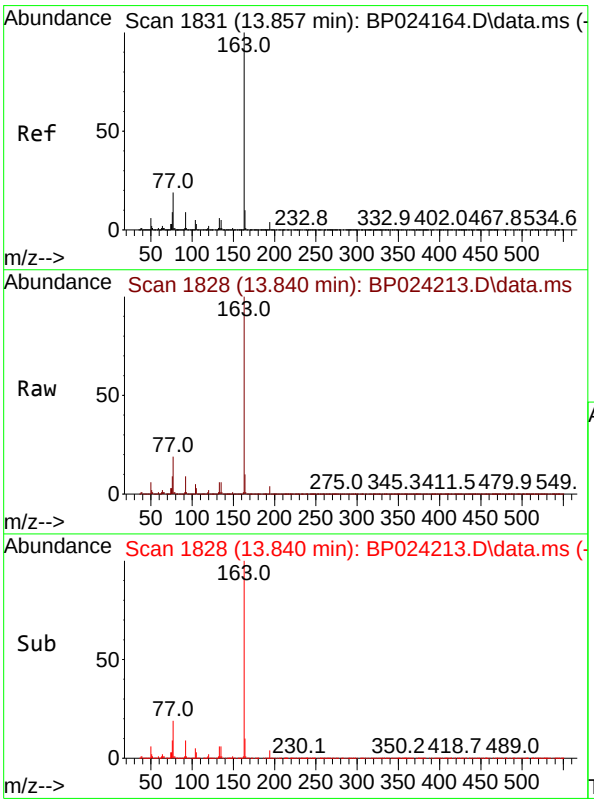
#49
Acenaphthylene
Concen: 48.678 ng
RT: 14.104 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:152 Resp: 3930242

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.0	10.6	15.8

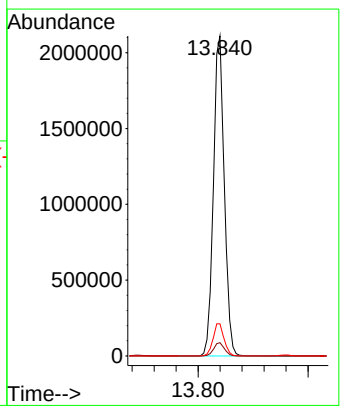


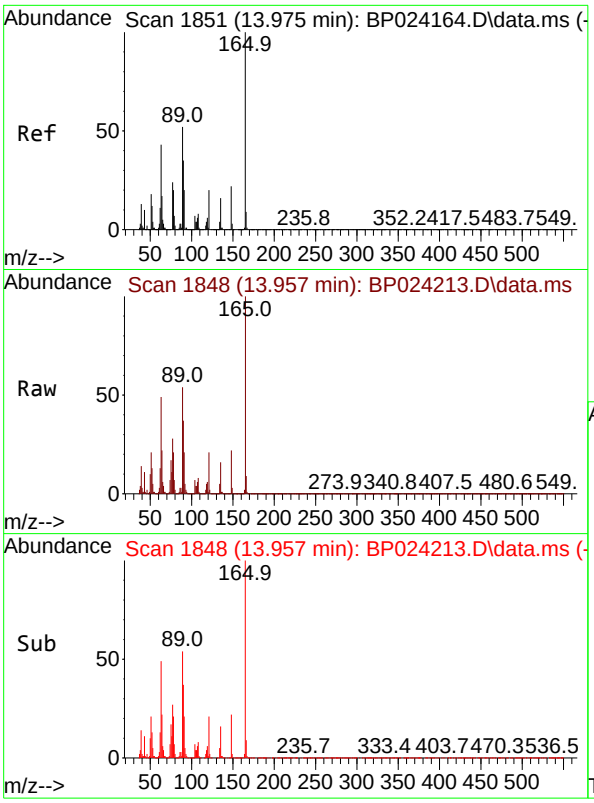


#50
Dimethylphthalate
Concen: 43.947 ng
RT: 13.840 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:163 Resp: 2902999

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.2	12.4



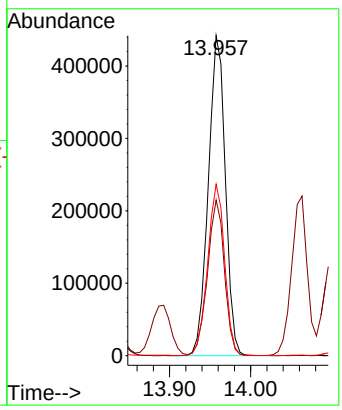


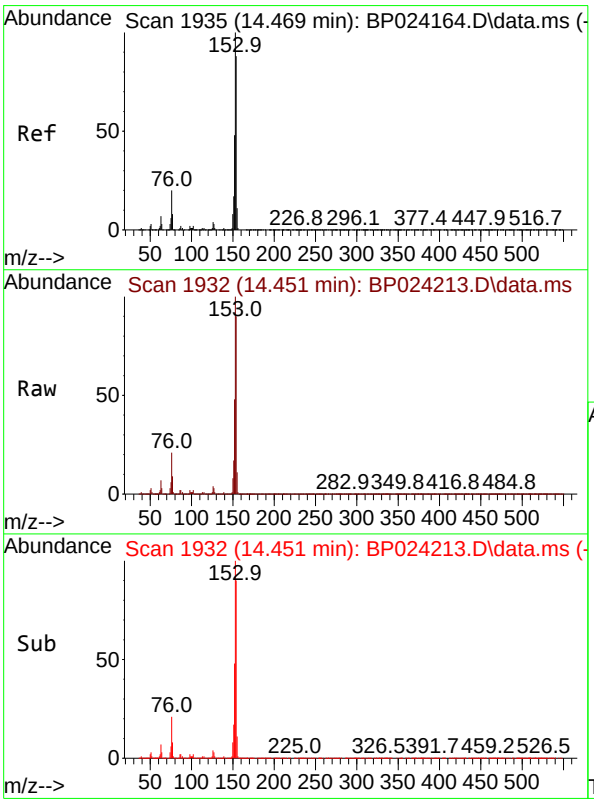
#51
2,6-Dinitrotoluene
Concen: 46.231 ng
RT: 13.957 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:165 Resp: 642545

Ion	Ratio	Lower	Upper
165	100		
63	48.6	37.7	56.5
89	53.6	41.9	62.9

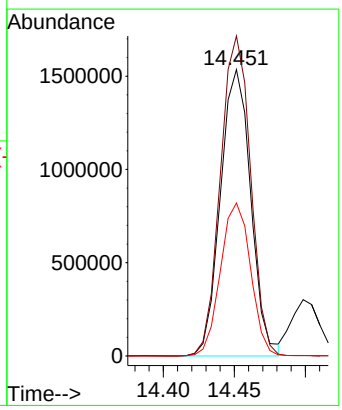


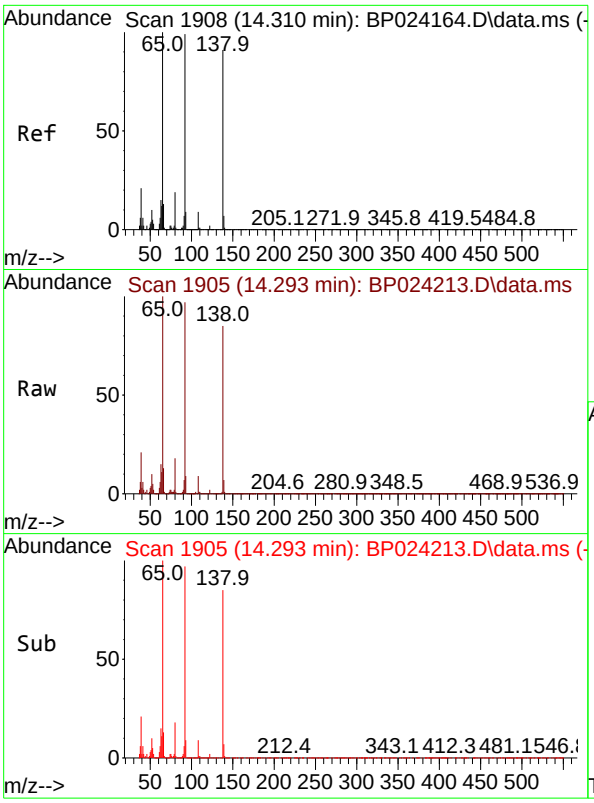


#52
Acenaphthene
Concen: 44.228 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:154 Resp: 2281542

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.5	135.7
152	53.4	43.1	64.7



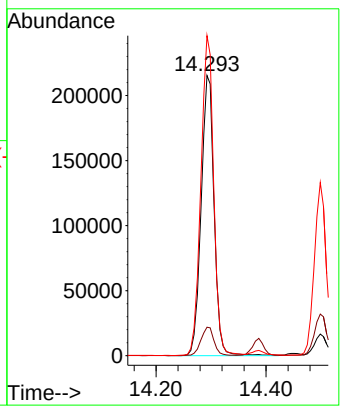


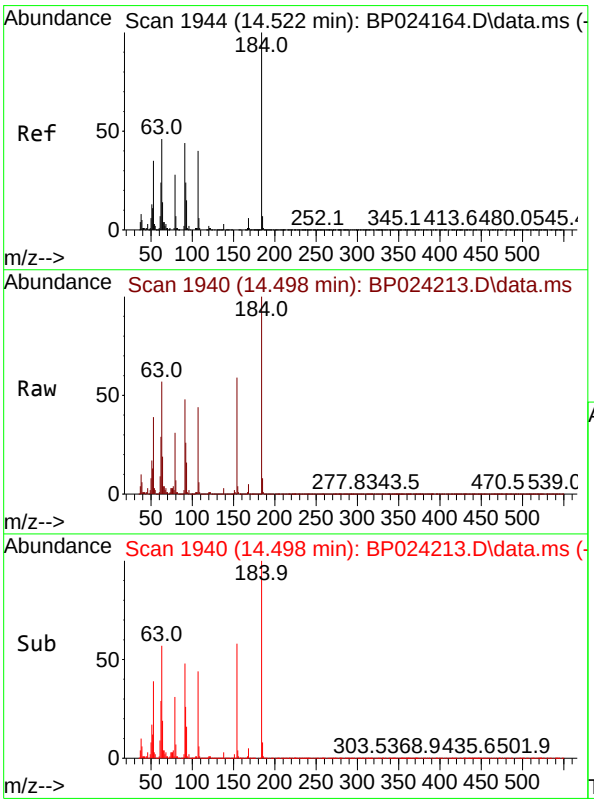
#53
3-Nitroaniline
Concen: 23.421 ng
RT: 14.293 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:138 Resp: 351575

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.2	12.2
92	114.2	86.7	130.1

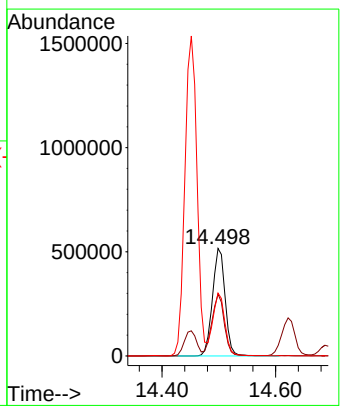


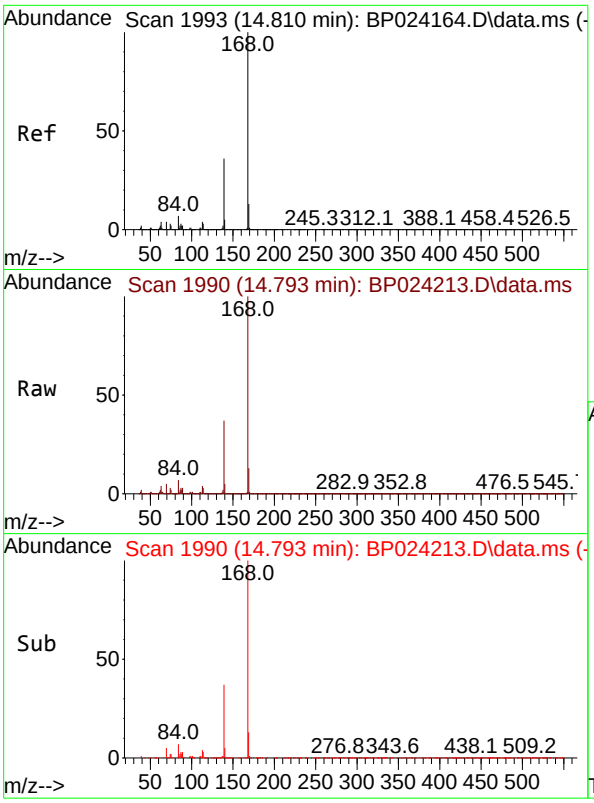


#54
2,4-Dinitrophenol
Concen: 108.426 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.024 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:184 Resp: 797386

Ion	Ratio	Lower	Upper
184	100		
63	57.4	42.1	63.1
154	58.5	44.6	67.0



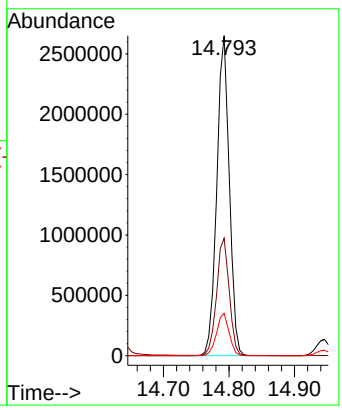


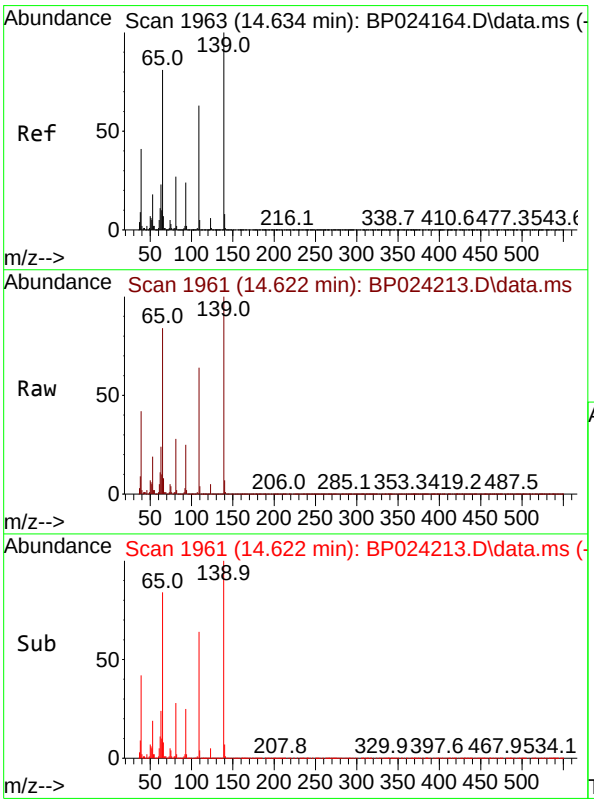
#55
Dibenzofuran
Concen: 41.717 ng
RT: 14.793 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:168 Resp: 3485847

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.1	43.7
169	13.3	10.8	16.2

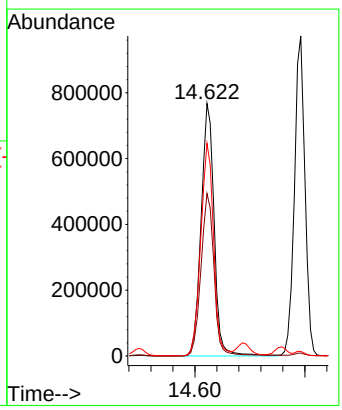


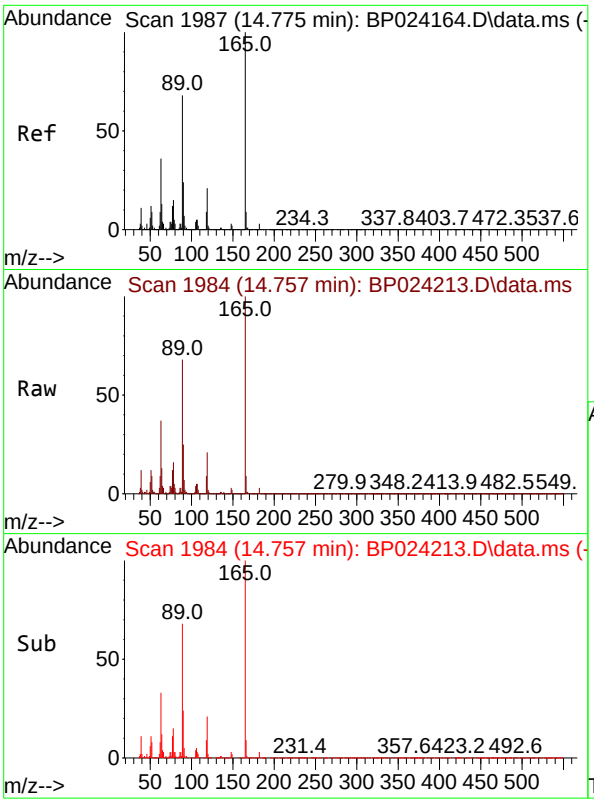


#56
4-Nitrophenol
Concen: 100.774 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:139 Resp: 1264023

Ion	Ratio	Lower	Upper
139	100		
109	64.3	43.3	83.3
65	84.2	61.2	101.2



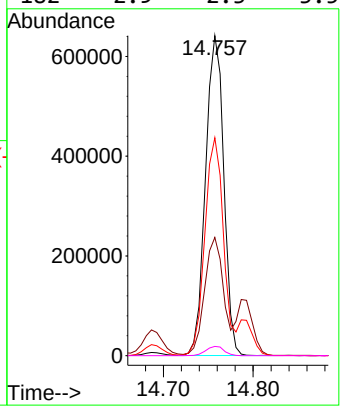


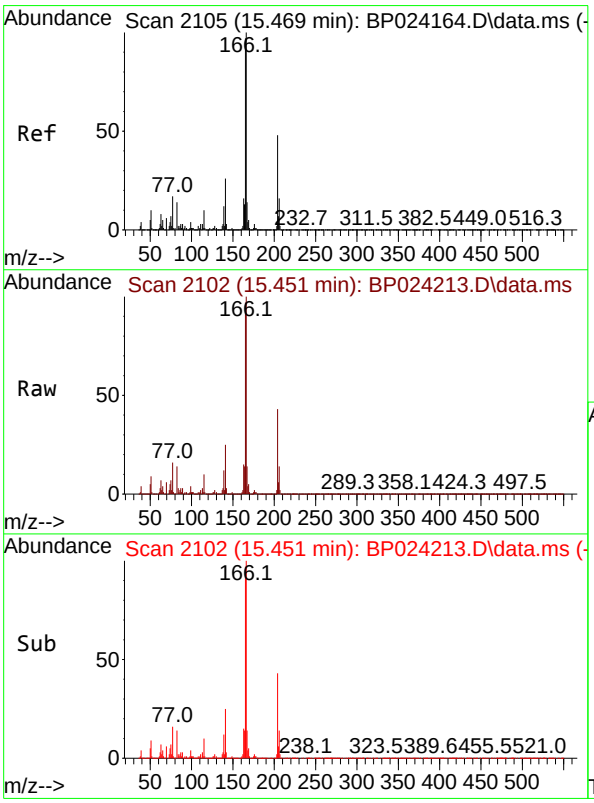
#57
2,4-Dinitrotoluene
Concen: 49.337 ng
RT: 14.757 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:165 Resp: 905760

Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	68.1	54.2	81.4
182	2.9	2.3	3.5

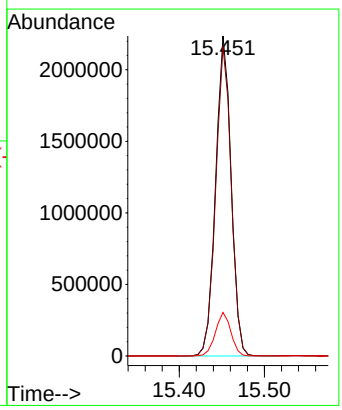


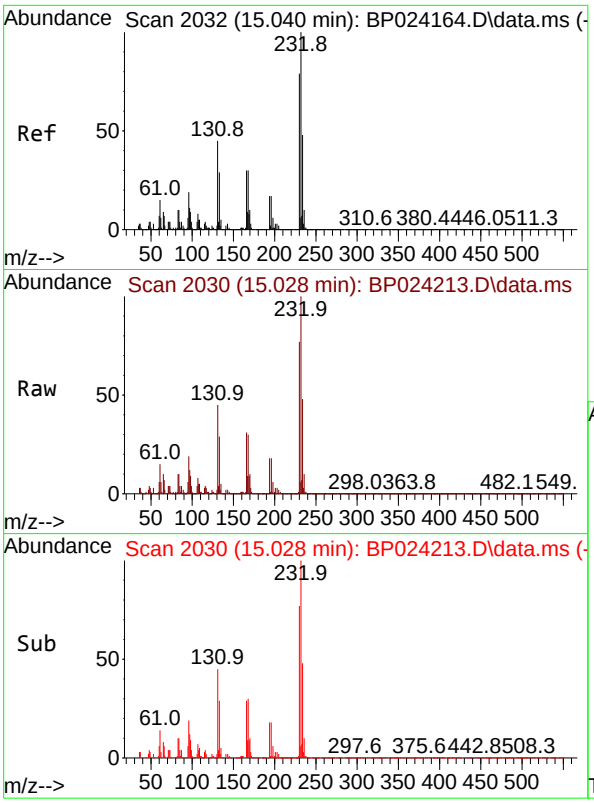


#58
Fluorene
Concen: 43.592 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:166 Resp: 2838026

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.6	116.4
167	13.6	10.8	16.2



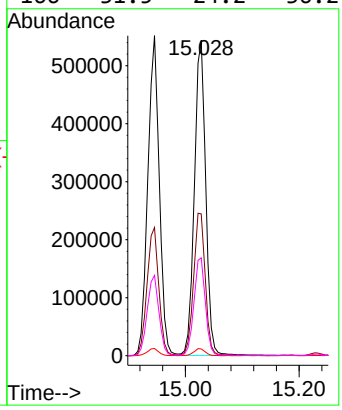


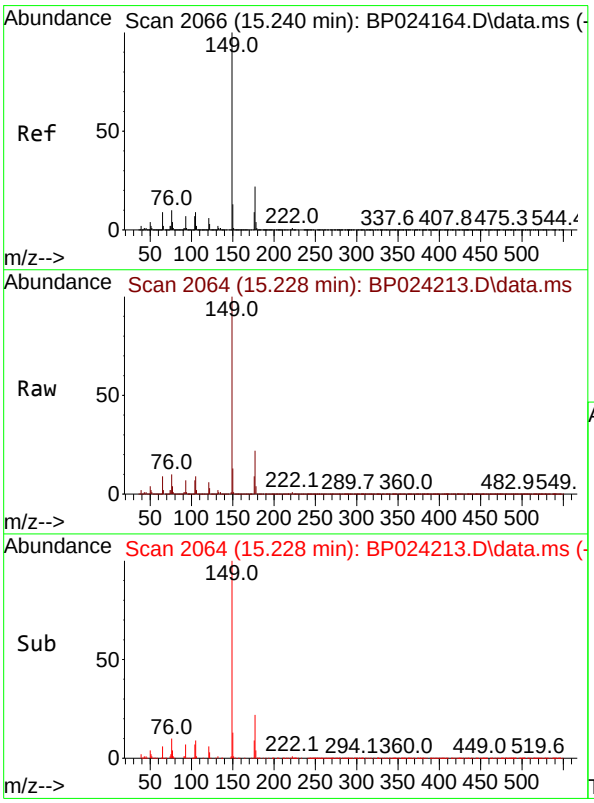
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.072 ng
RT: 15.028 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:232 Resp: 757390

Ion	Ratio	Lower	Upper
232	100		
131	46.5	35.9	53.9
130	2.2	1.8	2.6
166	31.5	24.2	36.2

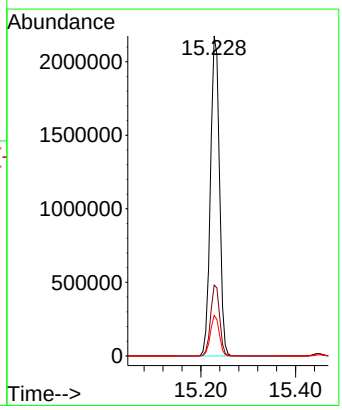


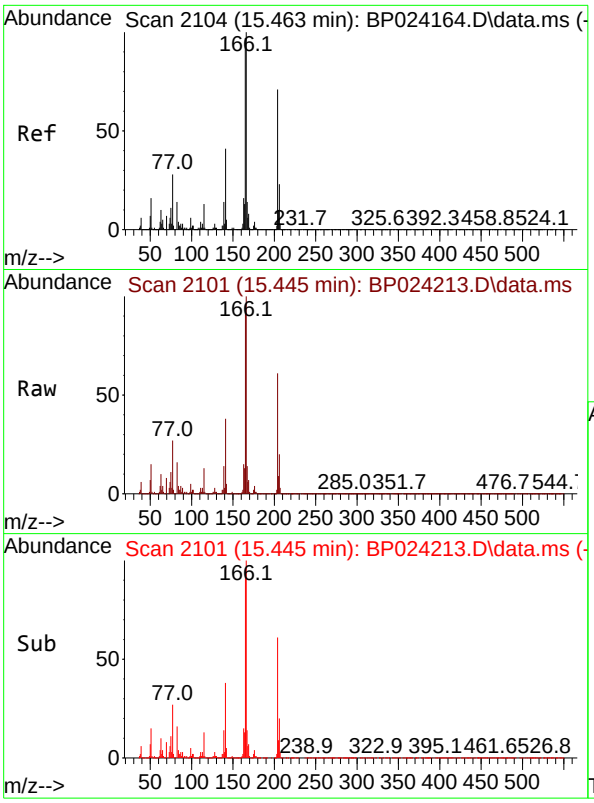


#60
Diethylphthalate
Concen: 43.599 ng
RT: 15.228 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:149 Resp: 2867989

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.7	10.2	15.4



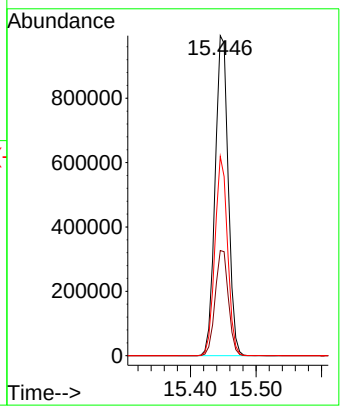


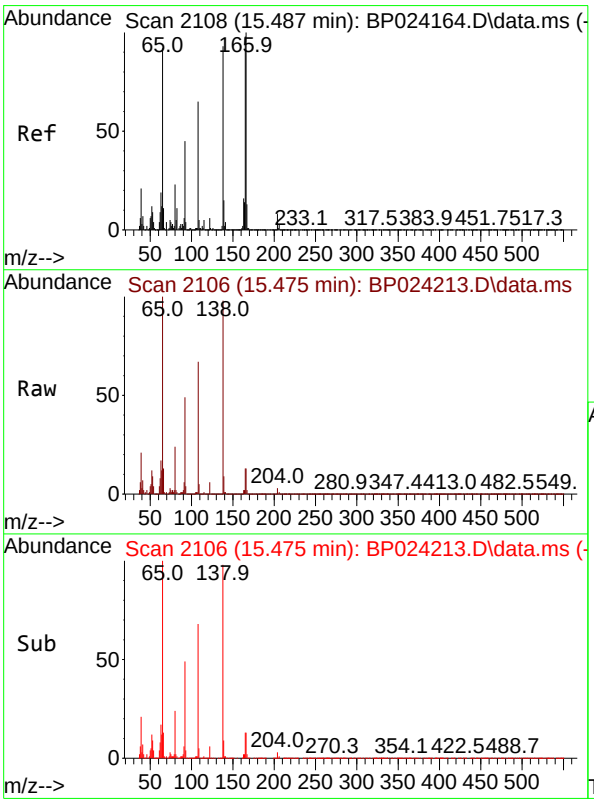
#61
4-Chlorophenyl-phenylether
Concen: 42.921 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:204 Resp: 1370547

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	62.2	45.8	68.8

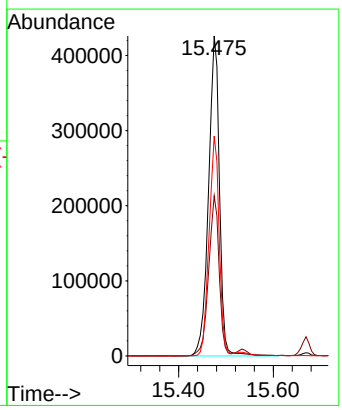


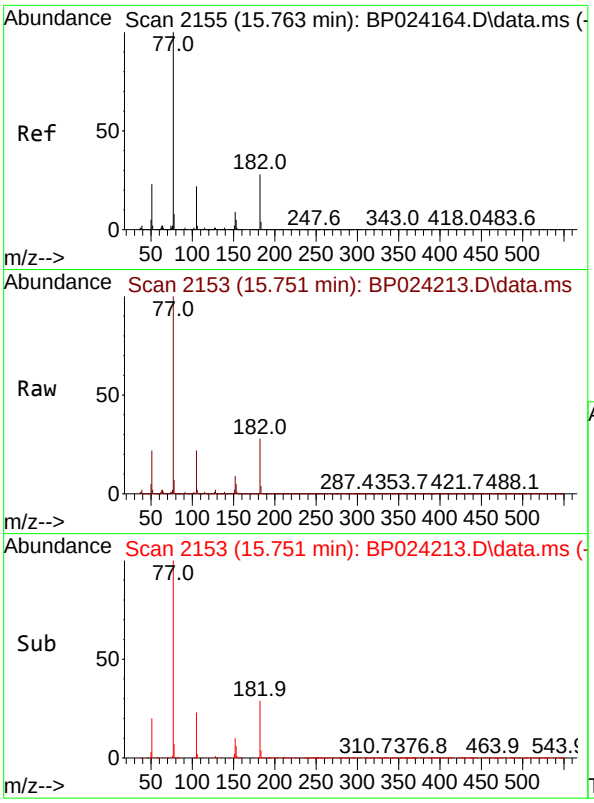


#62
4-Nitroaniline
Concen: 43.579 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:138 Resp: 686113

Ion	Ratio	Lower	Upper
138	100		
92	50.0	28.7	68.7
108	68.7	49.5	89.5



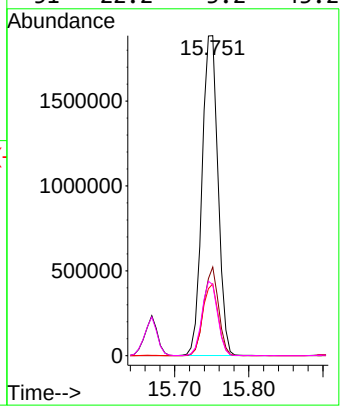


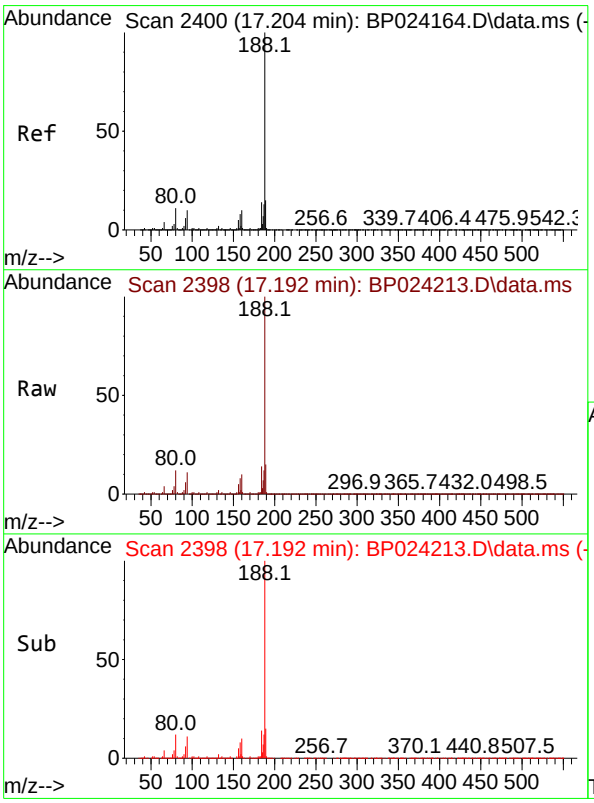
#63
Azobenzene
Concen: 45.488 ng
RT: 15.751 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 77 Resp: 2820252

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	22.4	2.3	42.3
51	22.2	3.2	43.2

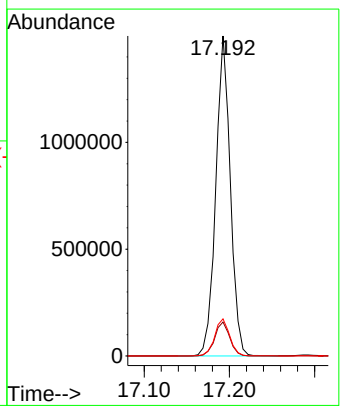


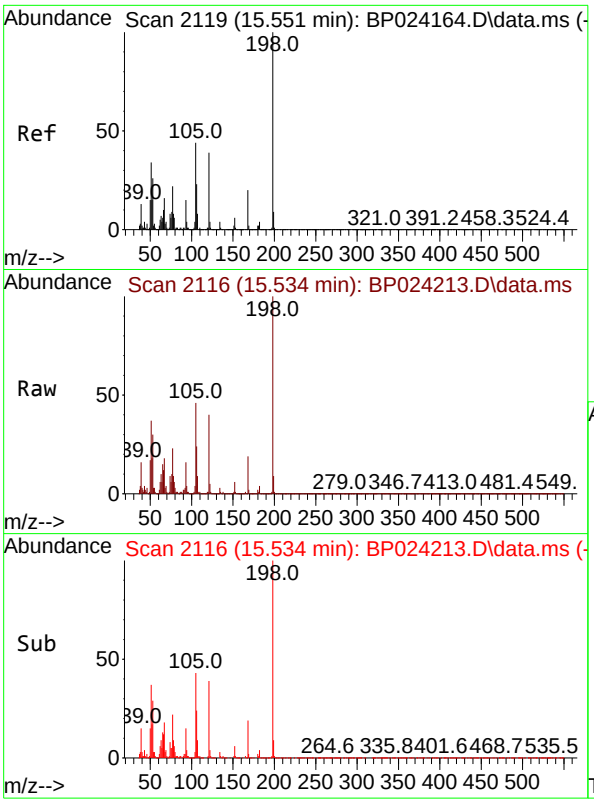


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:188 Resp: 1779009

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.6	8.9	13.3



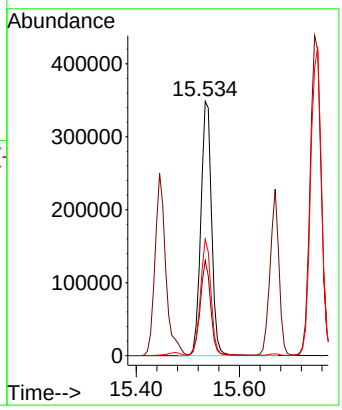


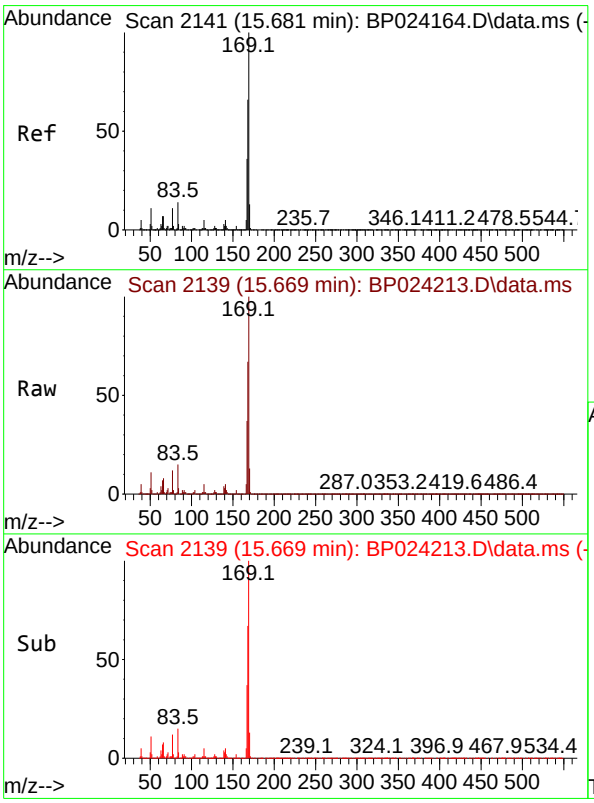
#65
4,6-Dinitro-2-methylphenol
Concen: 47.682 ng
RT: 15.534 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:198 Resp: 503579

Ion	Ratio	Lower	Upper
198	100		
51	37.4	14.7	54.7
105	45.8	23.8	63.8

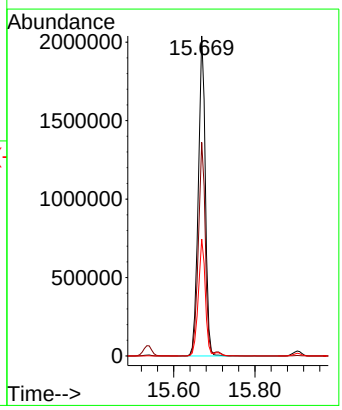


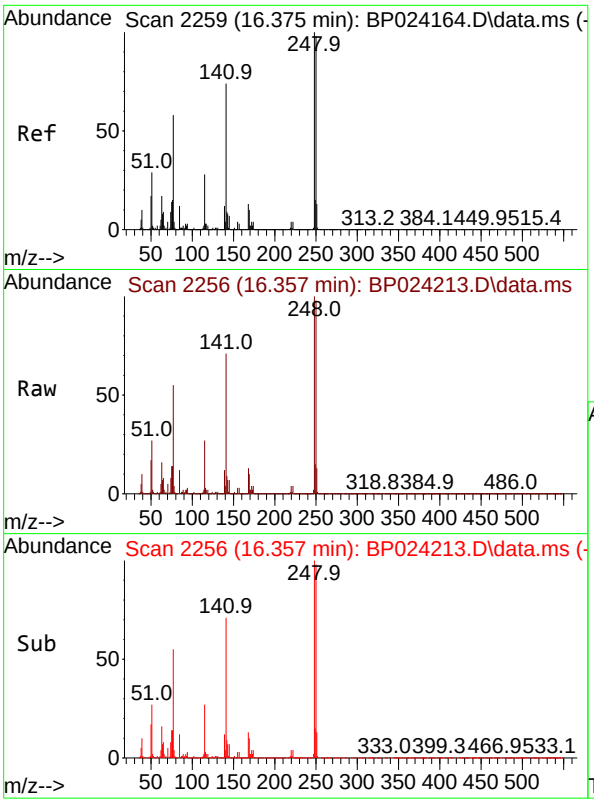


#66
n-Nitrosodiphenylamine
Concen: 45.732 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:169 Resp: 2470564

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.9	79.3
167	36.5	28.8	43.2



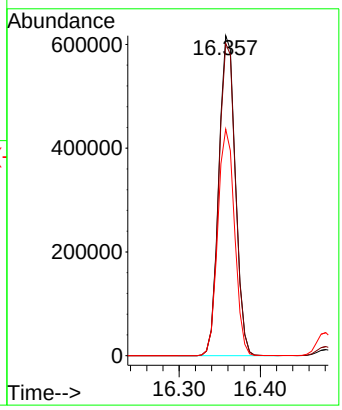


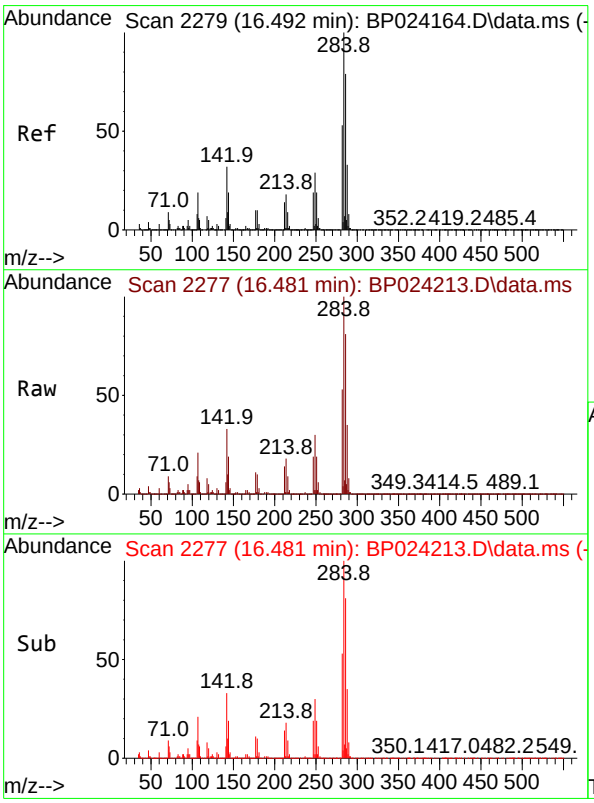
#67
4-Bromophenyl-phenylether
Concen: 44.861 ng
RT: 16.357 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:248 Resp: 876212

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.4	117.6
141	70.8	59.4	89.0

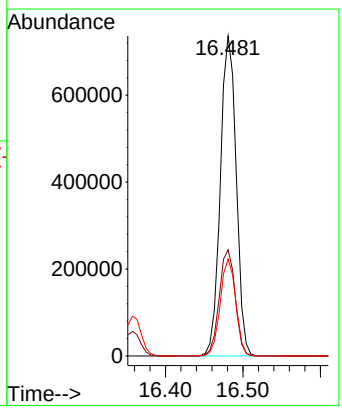


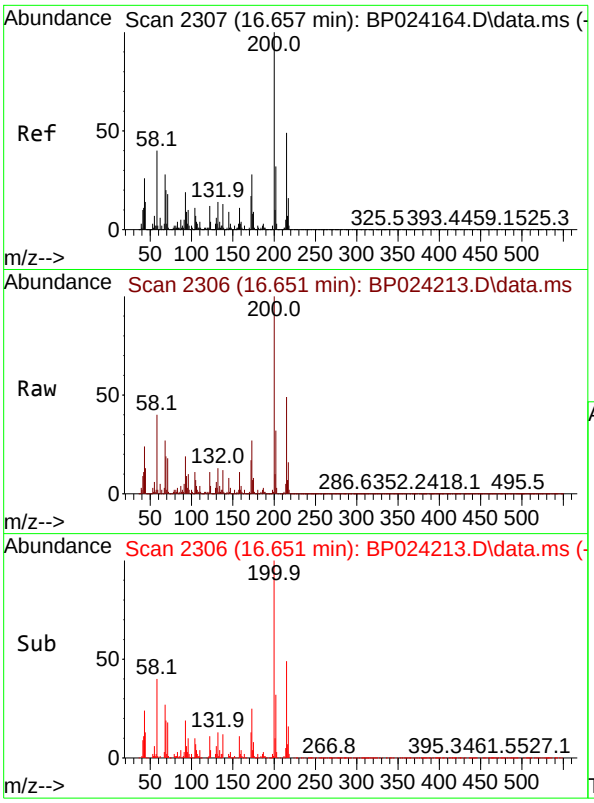


#68
Hexachlorobenzene
Concen: 45.259 ng
RT: 16.481 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:284 Resp: 1046300

Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.4	38.2
249	30.2	23.5	35.3



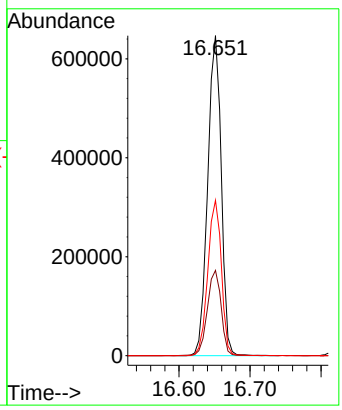


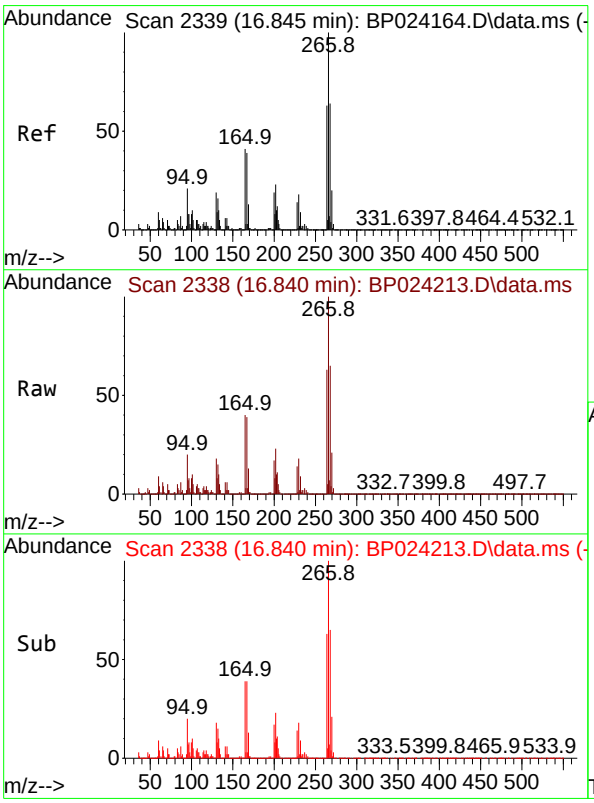
#69
Atrazine
Concen: 65.769 ng
RT: 16.651 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:200 Resp: 857586

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.6	47.6
215	48.6	29.0	69.0

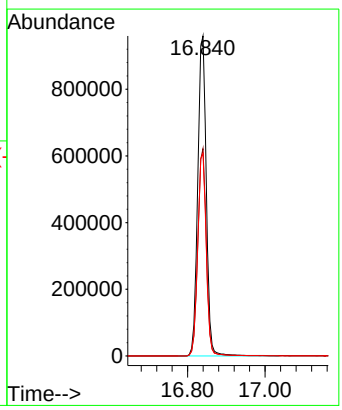


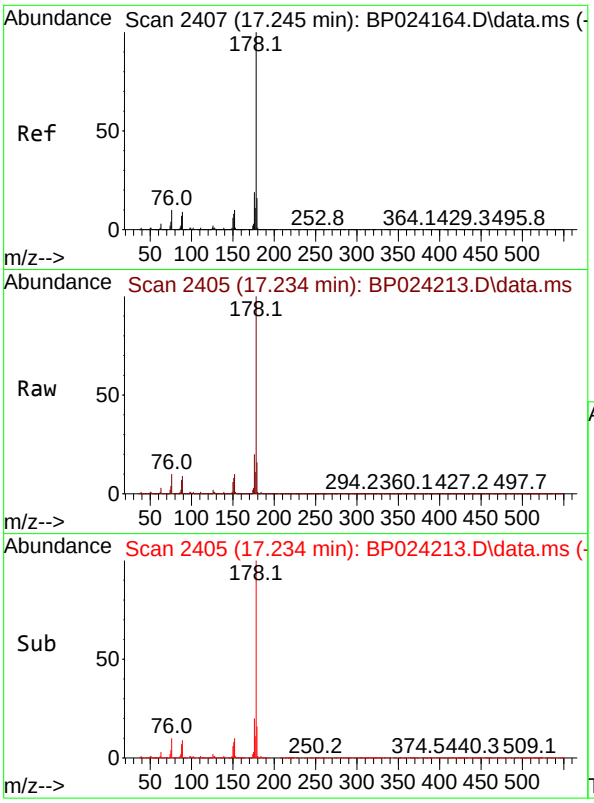


#70
Pentachlorophenol
Concen: 98.182 ng
RT: 16.840 min Scan# 2338
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:266 Resp: 1467830

Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.3	76.9
264	63.3	50.6	76.0



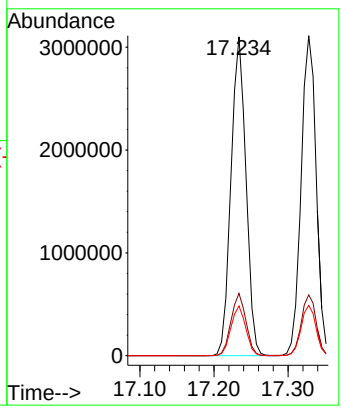


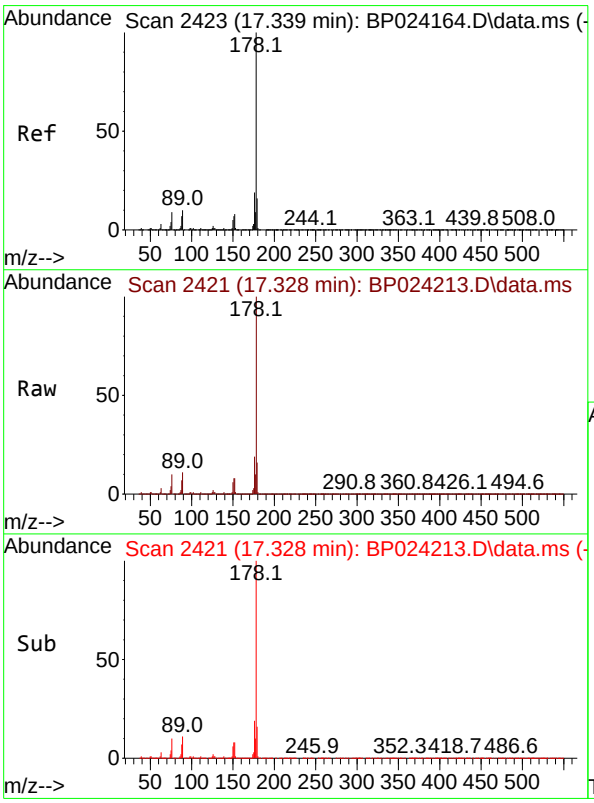
#71
Phenanthrene
Concen: 44.809 ng
RT: 17.234 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:178 Resp: 4354818

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.5	18.7

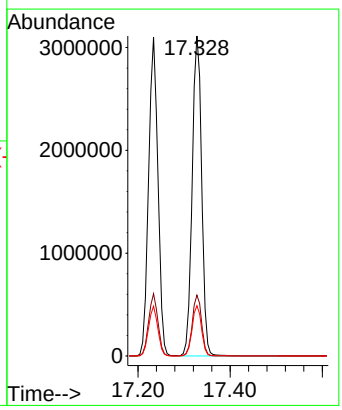


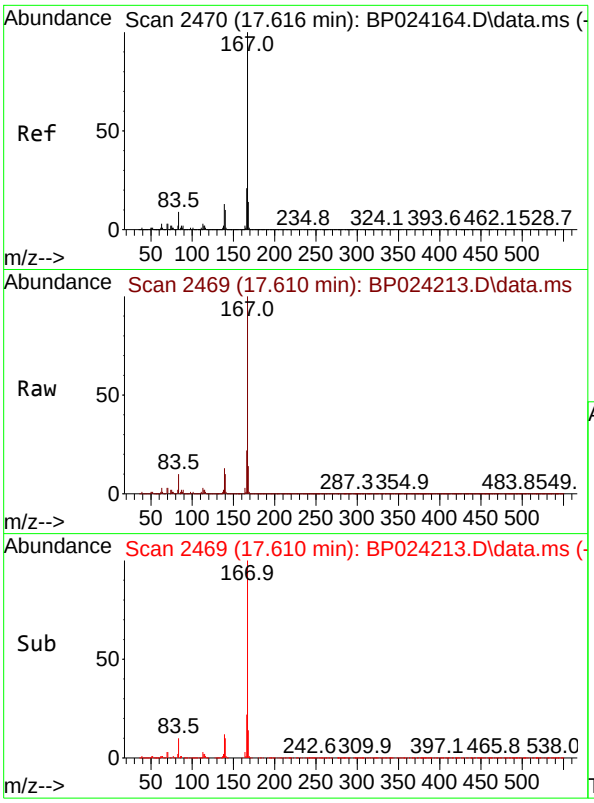


#72
Anthracene
Concen: 46.701 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:178 Resp: 4420553

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.6	18.8



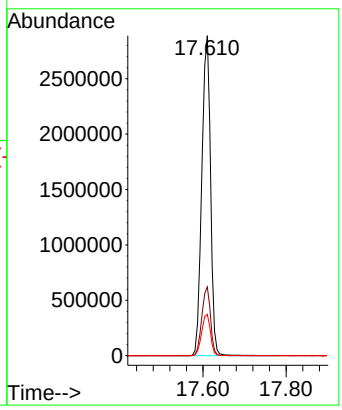


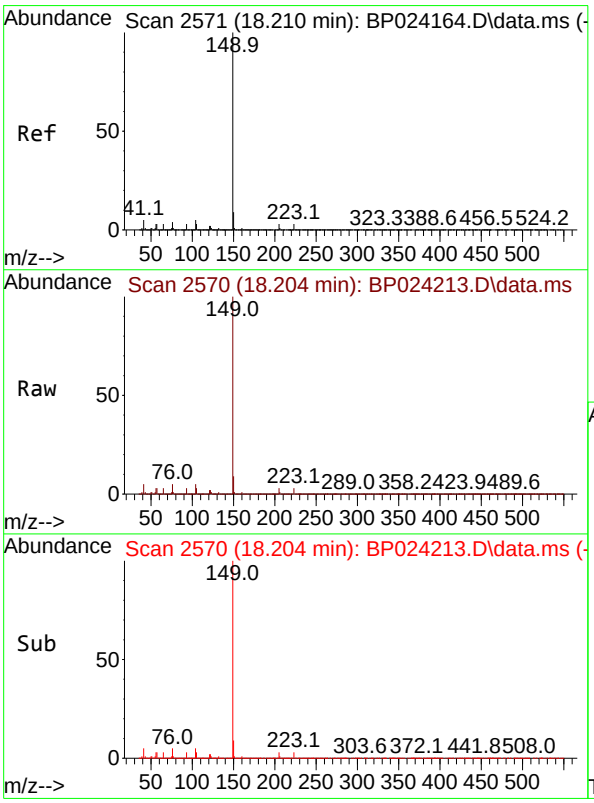
#73
Carbazole
Concen: 46.149 ng
RT: 17.610 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:167 Resp: 4212646

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.9	10.2	15.4

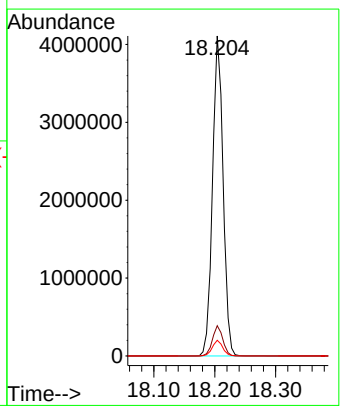


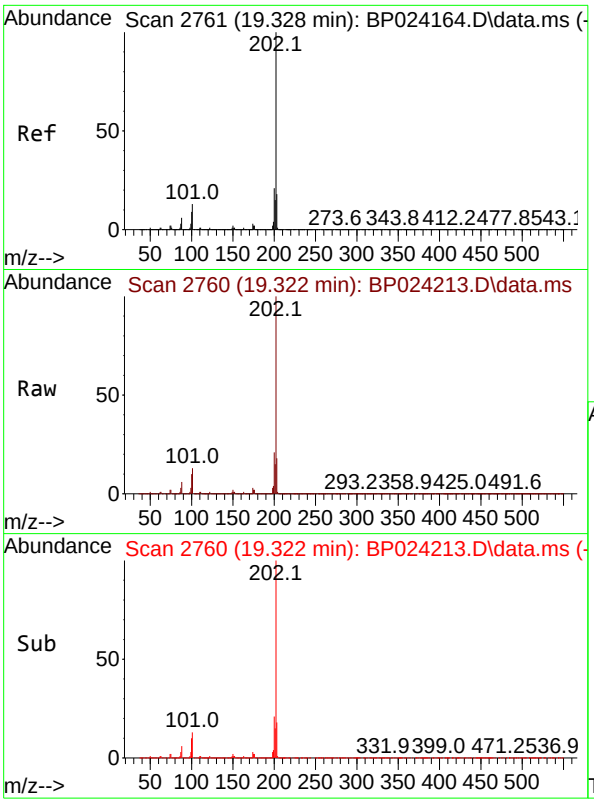


#74
Di-n-butylphthalate
Concen: 45.727 ng
RT: 18.204 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:149 Resp: 4955128

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.9	3.9	5.9



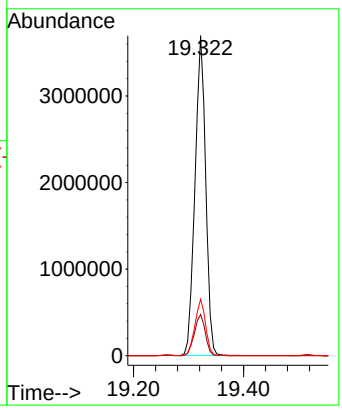


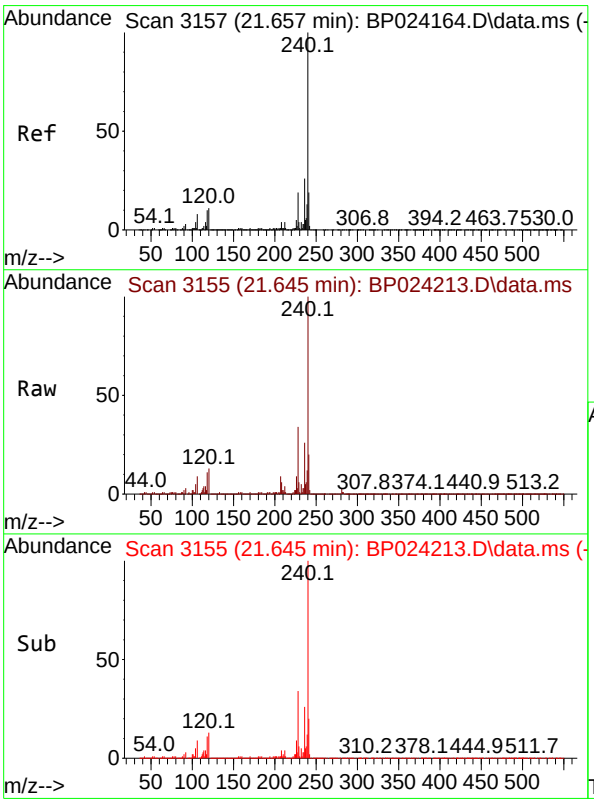
#75
Fluoranthene
Concen: 44.315 ng
RT: 19.322 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:202 Resp: 4988049

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.5
203	17.7	0.0	37.9

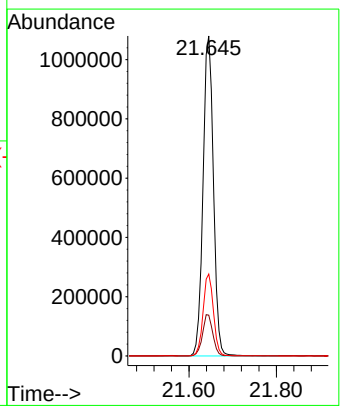


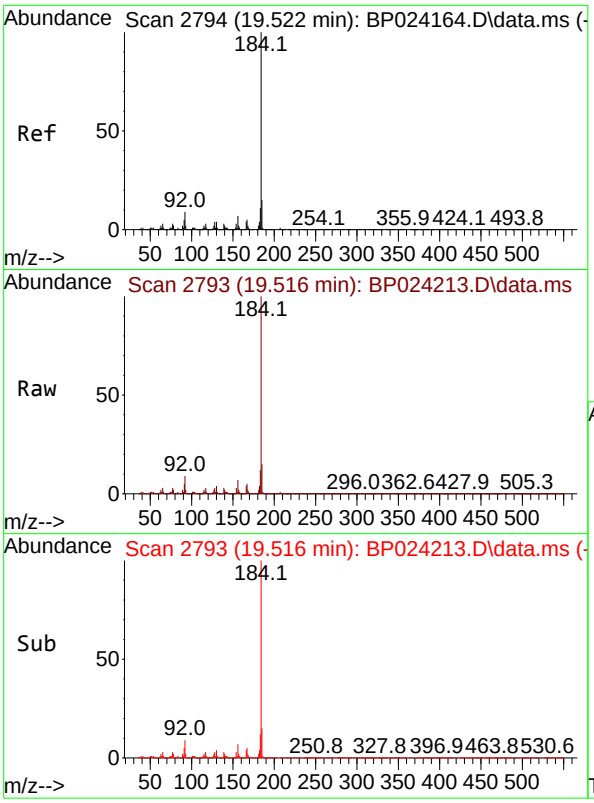


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:240 Resp: 1788682

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.2	13.8
236	25.6	20.4	30.6



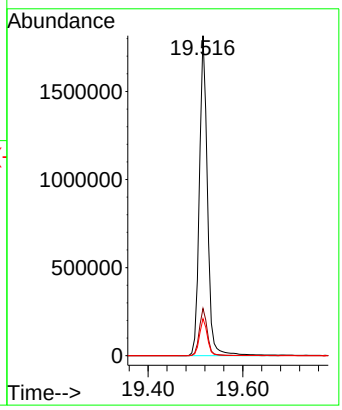


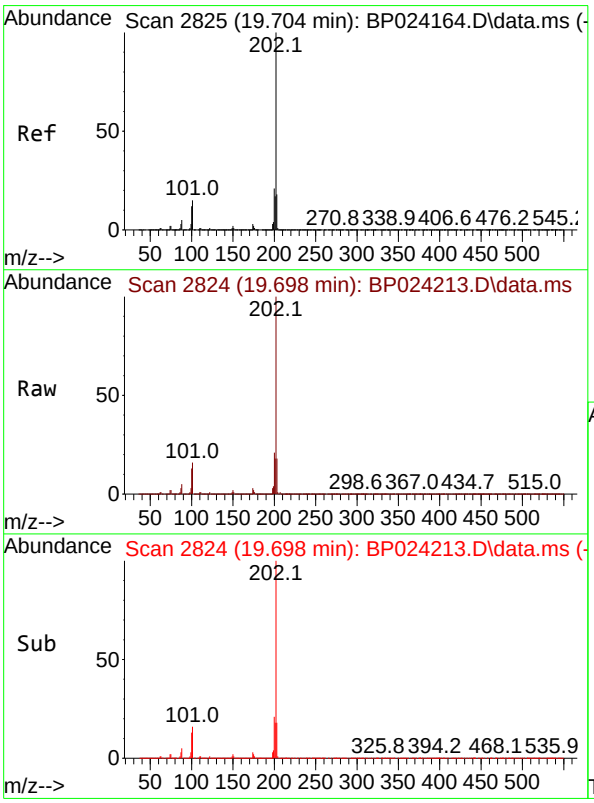
#77
Benzidine
Concen: 109.696 ng
RT: 19.516 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:184 Resp: 2145257

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	11.6	9.1	13.7

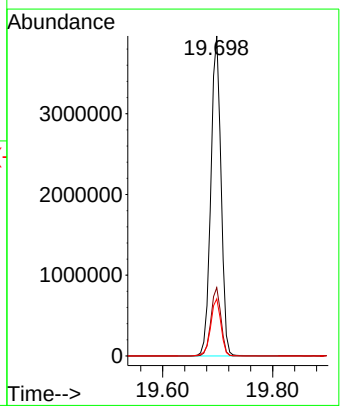


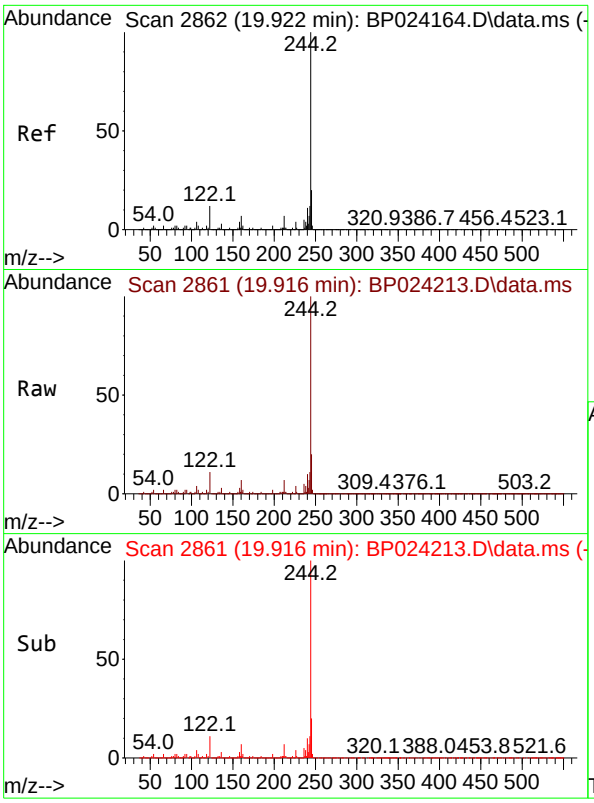


#78
Pyrene
Concen: 45.659 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:202 Resp: 5077322

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.9	14.2	21.4



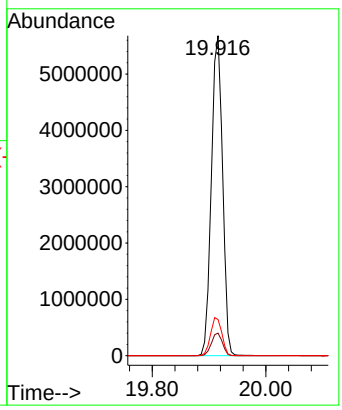


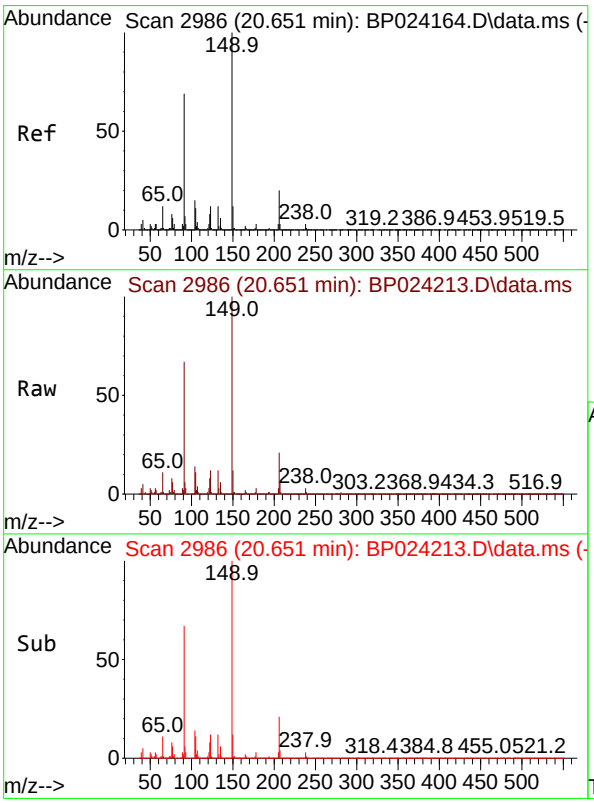
#79
Terphenyl-d14
Concen: 89.466 ng
RT: 19.916 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:244 Resp: 7752383

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.3	9.6	14.4

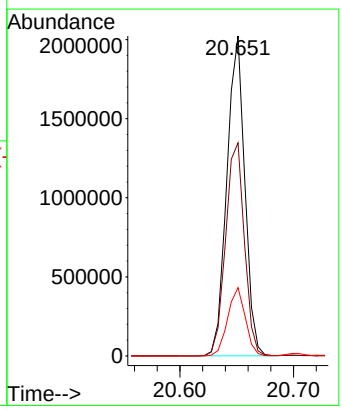


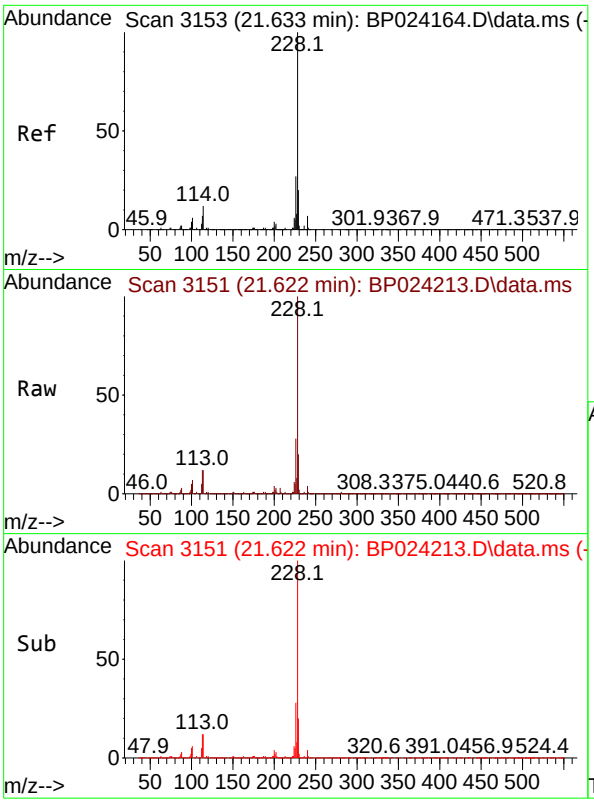


#80
Butylbenzylphthalate
Concen: 48.397 ng
RT: 20.651 min Scan# 2986
Delta R.T. 0.000 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:149 Resp: 2219339

Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.3	82.9
206	21.4	16.1	24.1



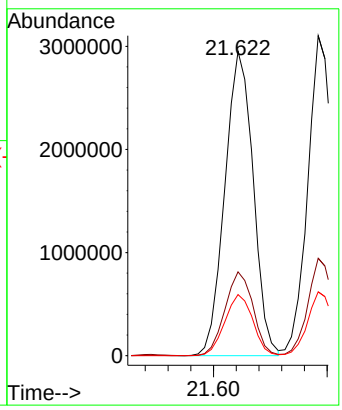


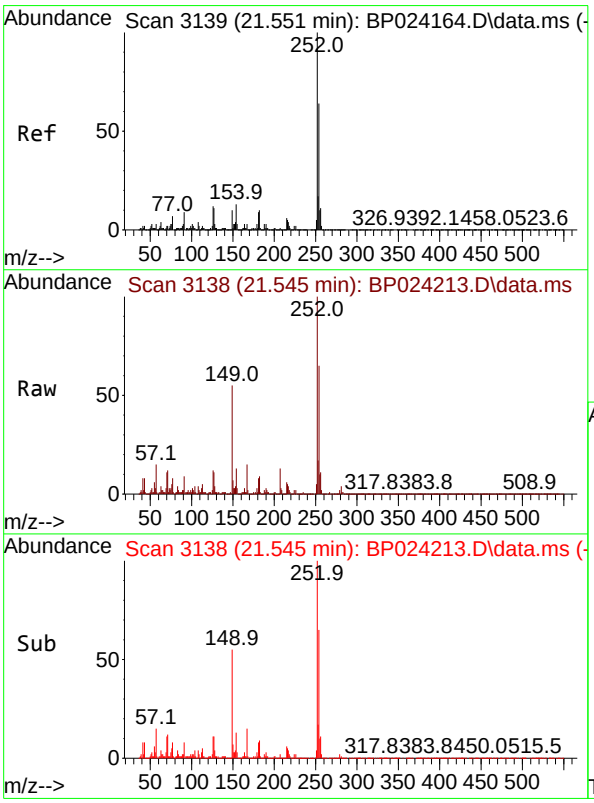
#81
Benzo(a)anthracene
Concen: 46.009 ng
RT: 21.622 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:228 Resp: 5116502

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.1	16.0	24.0

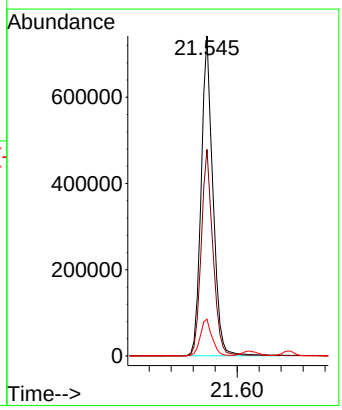


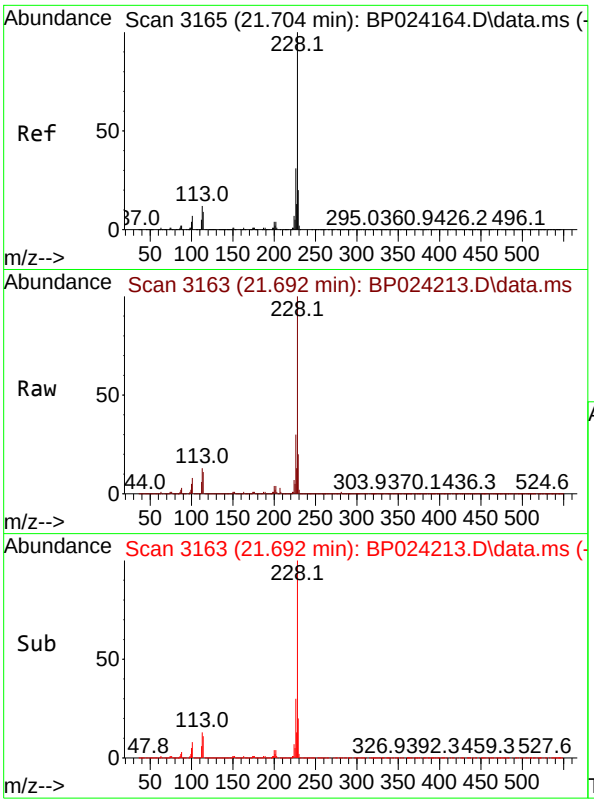


#82
3,3'-Dichlorobenzidine
Concen: 29.483 ng
RT: 21.545 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:252 Resp: 1098884

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	11.5	9.3	13.9



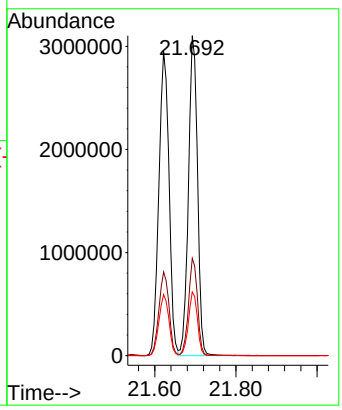


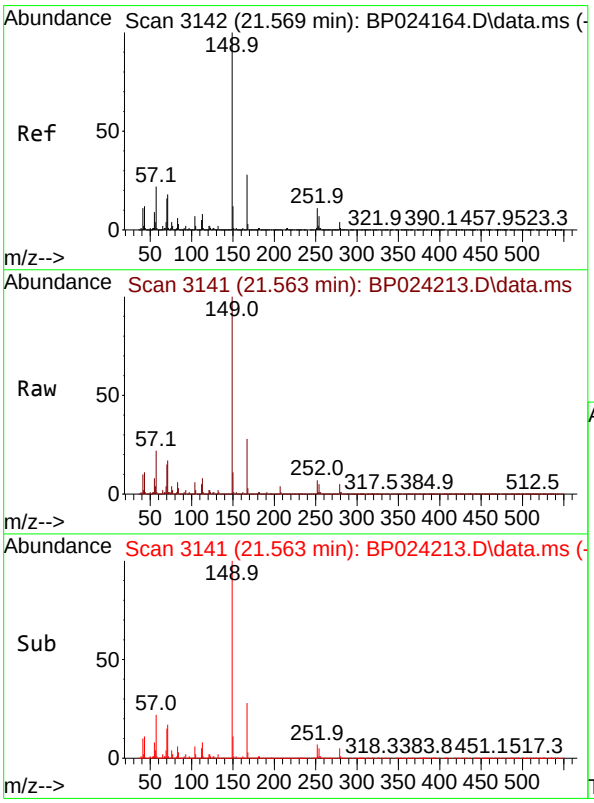
#83
Chrysene
Concen: 44.922 ng
RT: 21.692 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:228 Resp: 4802411

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	20.0	16.2	24.2

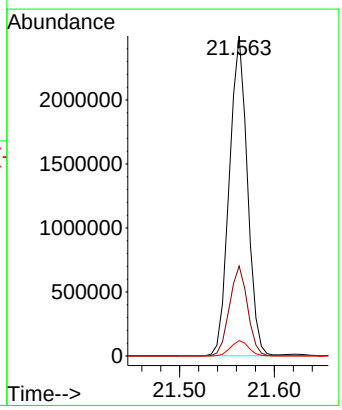


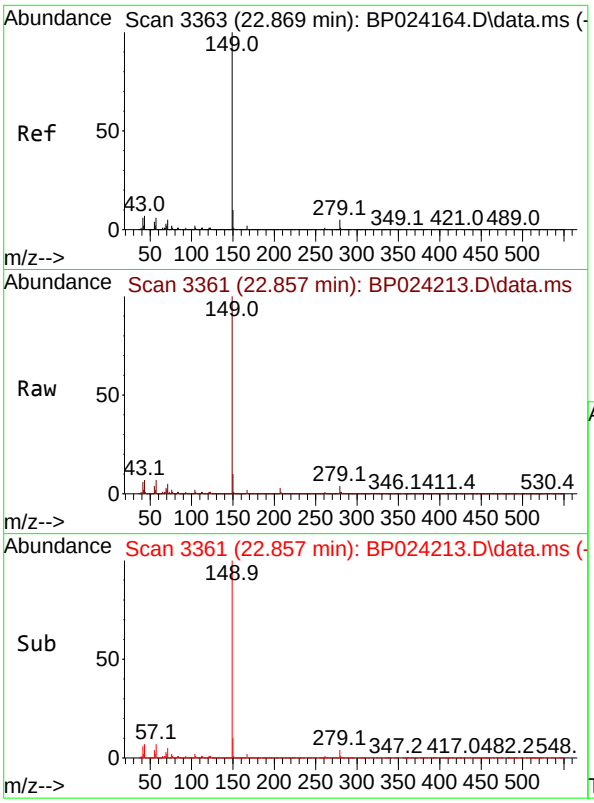


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.919 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:149 Resp: 3315716

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	4.8	3.6	5.4



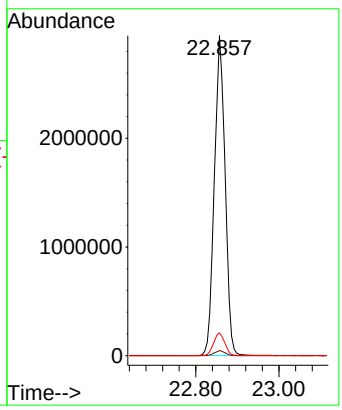


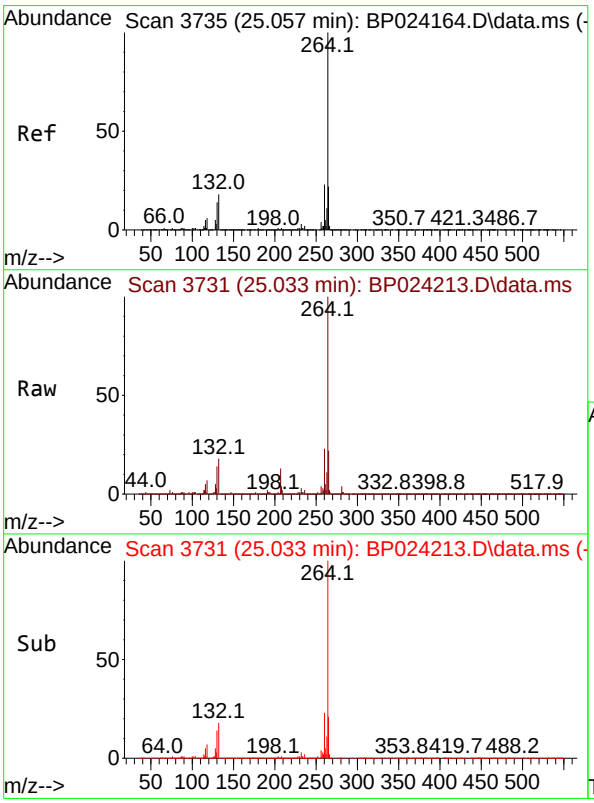
#85
Di-n-octyl phthalate
Concen: 47.566 ng
RT: 22.857 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:149 Resp: 5273316

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.4	5.8	8.8

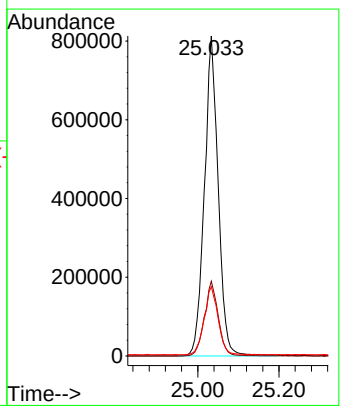


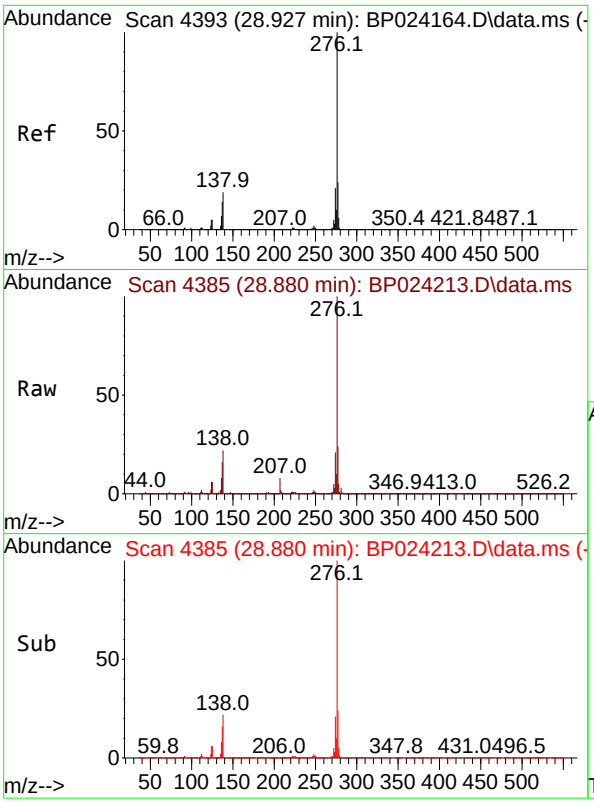


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 3731
Delta R.T. -0.023 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:264 Resp: 1910295

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.7	17.7	26.5



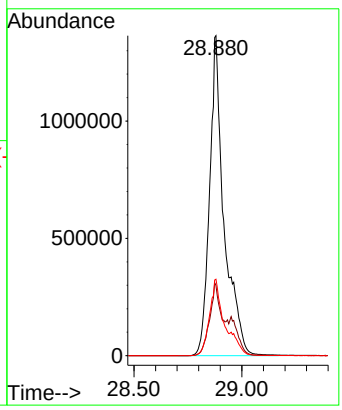


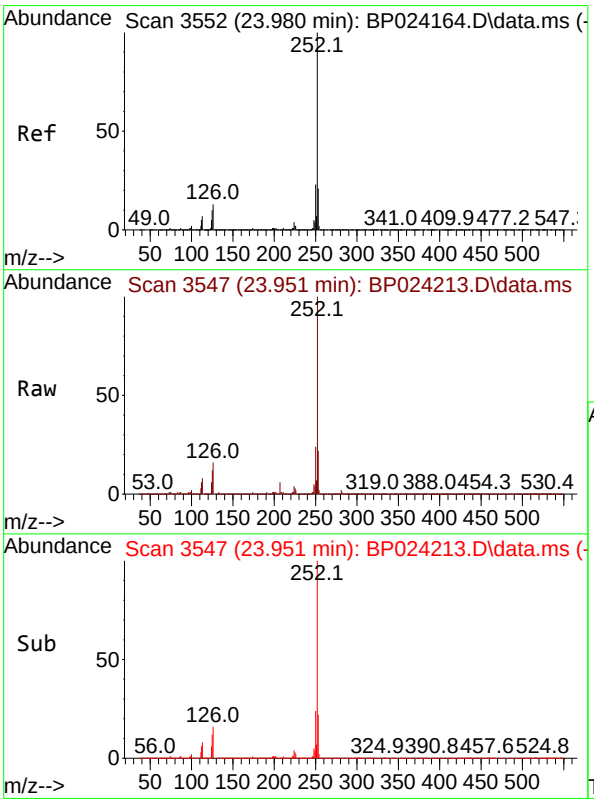
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.685 ng
RT: 28.880 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:276 Resp: 6357522

Ion	Ratio	Lower	Upper
276	100		
138	18.6	13.7	20.5
277	25.2	20.2	30.2

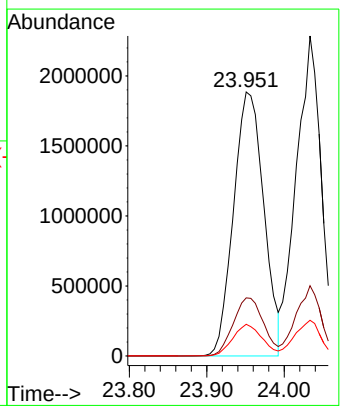


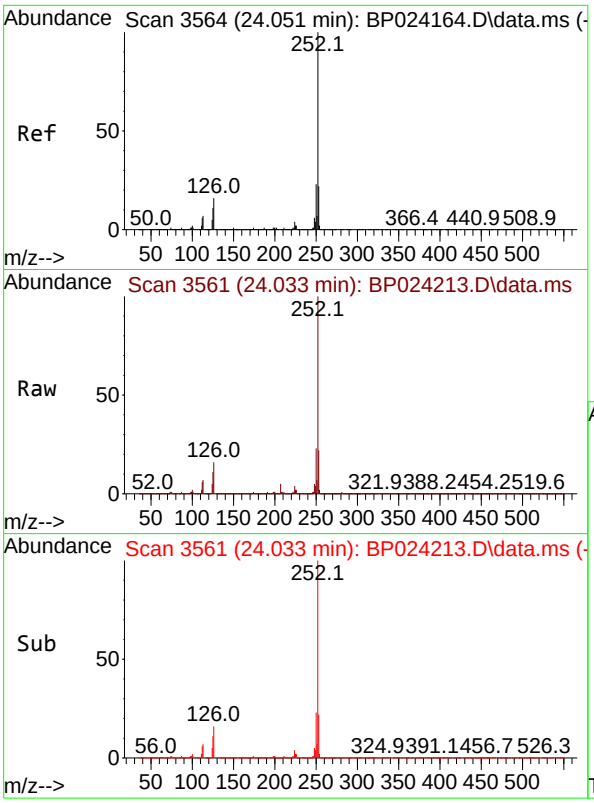


#88
Benzo(b)fluoranthene
Concen: 44.476 ng
RT: 23.951 min Scan# 3547
Delta R.T. -0.029 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:252 Resp: 5122724

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	12.0	8.2	12.4



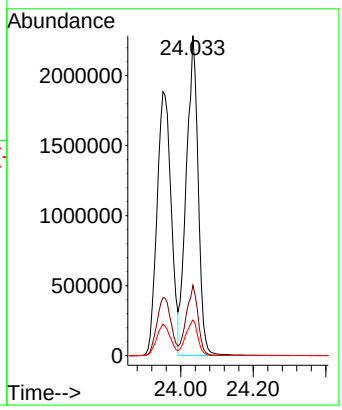


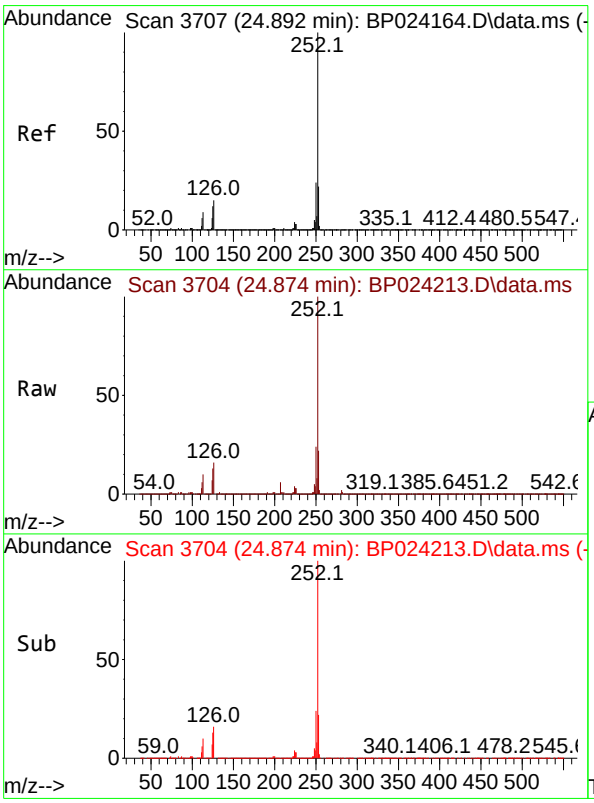
#89
Benzo(k)fluoranthene
Concen: 45.980 ng
RT: 24.033 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:252 Resp: 5180476

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	11.2	9.1	13.7

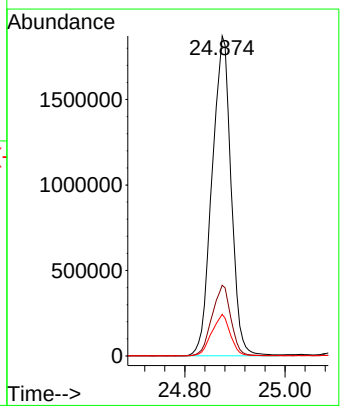


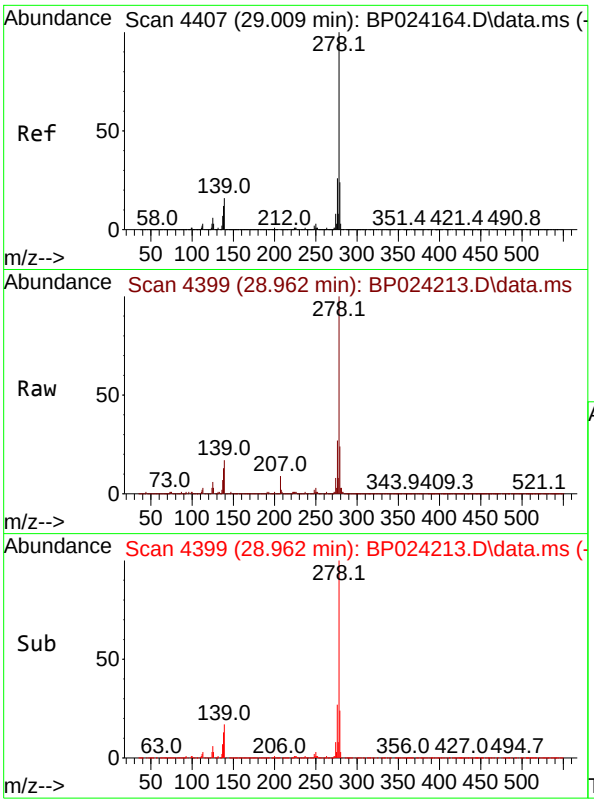


#90
Benzo(a)pyrene
Concen: 49.276 ng
RT: 24.874 min Scan# 3704
Delta R.T. -0.018 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:252 Resp: 4935291

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	13.0	9.6	14.4



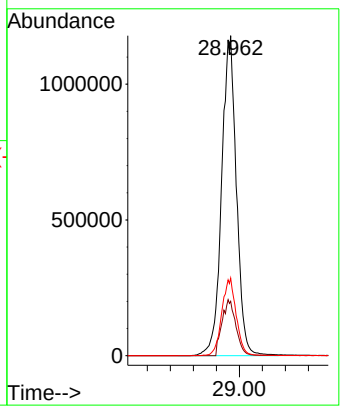


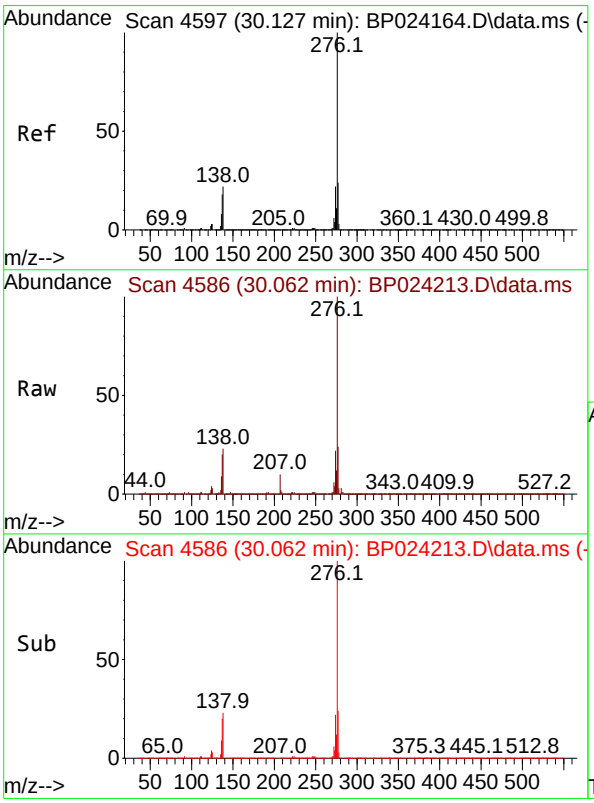
#91
Dibenzo(a,h)anthracene
Concen: 47.399 ng
RT: 28.962 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:278 Resp: 5257429

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.0	19.4
279	24.2	18.8	28.2

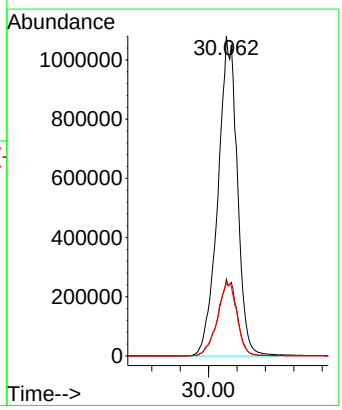




#92
Benzo(g,h,i)perylene
Concen: 45.357 ng
RT: 30.062 min Scan# 4586
Delta R.T. -0.065 min
Lab File: BP024213.D
Acq: 08 Apr 2025 15:04

Tgt Ion:276 Resp: 5114163

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	22.9	17.4	26.2



Raw Data: **BP024231.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325MS	SDG No.:	Q1730
Lab Sample ID:	Q1730-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
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
BP024231.D	1	04/07/25 08:55	04/09/25 12:15	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.60		0.023	0.13	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	1.50		0.026	0.13	0.18	mg/Kg
208-96-8	Acenaphthylene	1.80		0.030	0.13	0.18	mg/Kg
83-32-9	Acenaphthene	1.60		0.022	0.13	0.18	mg/Kg
86-73-7	Fluorene	1.70		0.026	0.13	0.18	mg/Kg
85-01-8	Phenanthrene	1.70		0.022	0.13	0.18	mg/Kg
120-12-7	Anthracene	1.80		0.034	0.13	0.18	mg/Kg
206-44-0	Fluoranthene	1.70		0.031	0.13	0.18	mg/Kg
129-00-0	Pyrene	1.70		0.037	0.13	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	1.70		0.024	0.13	0.18	mg/Kg
218-01-9	Chrysene	1.70		0.021	0.13	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.70		0.020	0.13	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.60		0.023	0.13	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	1.80		0.030	0.13	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.80		0.030	0.13	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.80		0.028	0.13	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.70		0.027	0.13	0.18	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103		35 - 115		69%	SPK: 150
13127-88-3	Phenol-d6	105		34 - 127		70%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.4		37 - 122		72%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.3		44 - 115		70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.7		39 - 132		66%	SPK: 150
1718-51-0	Terphenyl-d14	77.3		54 - 127		77%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281000	7.74				
1146-65-2	Naphthalene-d8	1120000	10.516				
15067-26-2	Acenaphthene-d10	688000	14.374				
1517-22-2	Phenanthrene-d10	1330000	17.18				

Raw Data: **BP024231.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325MS	SDG No.:	Q1730
Lab Sample ID:	Q1730-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
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
BP024231.D	1	04/07/25 08:55	04/09/25 12:15	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1380000	21.639				
1520-96-3	Perylene-d12	1580000	25.003				

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: **BP024231.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024231.D
Acq On : 09 Apr 2025 12:15
Operator : RC/JU
Sample : Q1730-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Quant Time: Apr 10 01:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	281108	20.000	ng		-0.03
21) Naphthalene-d8	10.516	136	1119091	20.000	ng		-0.04
39) Acenaphthene-d10	14.374	164	687797	20.000	ng		-0.03
64) Phenanthrene-d10	17.180	188	1328842	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1384500	20.000	ng		-0.02
86) Perylene-d12	25.003	264	1577239	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1819928	103.345	ng		-0.02
7) Phenol-d6	6.922	99	2475078	105.102	ng		-0.03
23) Nitrobenzene-d5	8.887	82	1435411	72.369	ng		-0.04
42) 2,4,6-Tribromophenol	15.886	330	855408	98.735	ng		-0.03
45) 2-Fluorobiphenyl	12.986	172	3280261	70.324	ng		-0.03
79) Terphenyl-d14	19.909	244	5187087	77.337	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	317706	45.513	ng		97
3) Pyridine	3.687	79	868827	45.529	ng		99
4) n-Nitrosodimethylamine	3.599	42	304479	47.764	ng	#	95
6) Aniline	7.075	93	636625	29.672	ng		98
8) 2-Chlorophenol	7.310	128	953022	50.102	ng		98
9) Benzaldehyde	6.887	77	524999	46.196	ng		97
10) Phenol	6.945	94	1233551	51.888	ng		99
11) bis(2-Chloroethyl)ether	7.169	93	891121	47.533	ng		99
12) 1,3-Dichlorobenzene	7.628	146	988820	48.206	ng		100
13) 1,4-Dichlorobenzene	7.775	146	1003118	47.895	ng		98
14) 1,2-Dichlorobenzene	8.087	146	956599	47.596	ng		98
15) Benzyl Alcohol	7.981	79	791078	53.060	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.257	45	964724	50.419	ng		97
17) 2-Methylphenol	8.181	107	790144	53.003	ng		98
18) Hexachloroethane	8.810	117	360239	48.481	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	659556	48.277	ng		99
20) 3+4-Methylphenols	8.504	107	1070403	52.263	ng		99
22) Acetophenone	8.551	105	1329945	47.006	ng		99
24) Nitrobenzene	8.928	77	958156	48.968	ng		99
25) Isophorone	9.451	82	1824153	53.651	ng		99
26) 2-Nitrophenol	9.634	139	490139	52.441	ng		100
27) 2,4-Dimethylphenol	9.698	122	820298	68.254	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	1174695	49.111	ng		100
29) 2,4-Dichlorophenol	10.169	162	840904	51.723	ng		99
30) 1,2,4-Trichlorobenzene	10.381	180	846155	47.107	ng		100
31) Naphthalene	10.569	128	2730588	46.030	ng		100
32) Benzoic acid	9.845	122	675754	57.653	ng		97
33) 4-Chloroaniline	10.675	127	392859	18.506	ng		99
34) Hexachlorobutadiene	10.851	225	484291	46.847	ng		98
35) Caprolactam	11.469	113	302043	56.686	ng		97
36) 4-Chloro-3-methylphenol	11.810	107	937414	53.448	ng		99
37) 2-Methylnaphthalene	12.180	142	1731705	43.210	ng		99
38) 1-Methylnaphthalene	12.398	142	1805790	46.327	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	911843	45.862	ng		99
41) Hexachlorocyclopentadiene	12.533	237	1255898	175.238	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	653973	51.757	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024231.D
Acq On : 09 Apr 2025 12:15
Operator : RC/JU
Sample : Q1730-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Quant Time: Apr 10 01:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

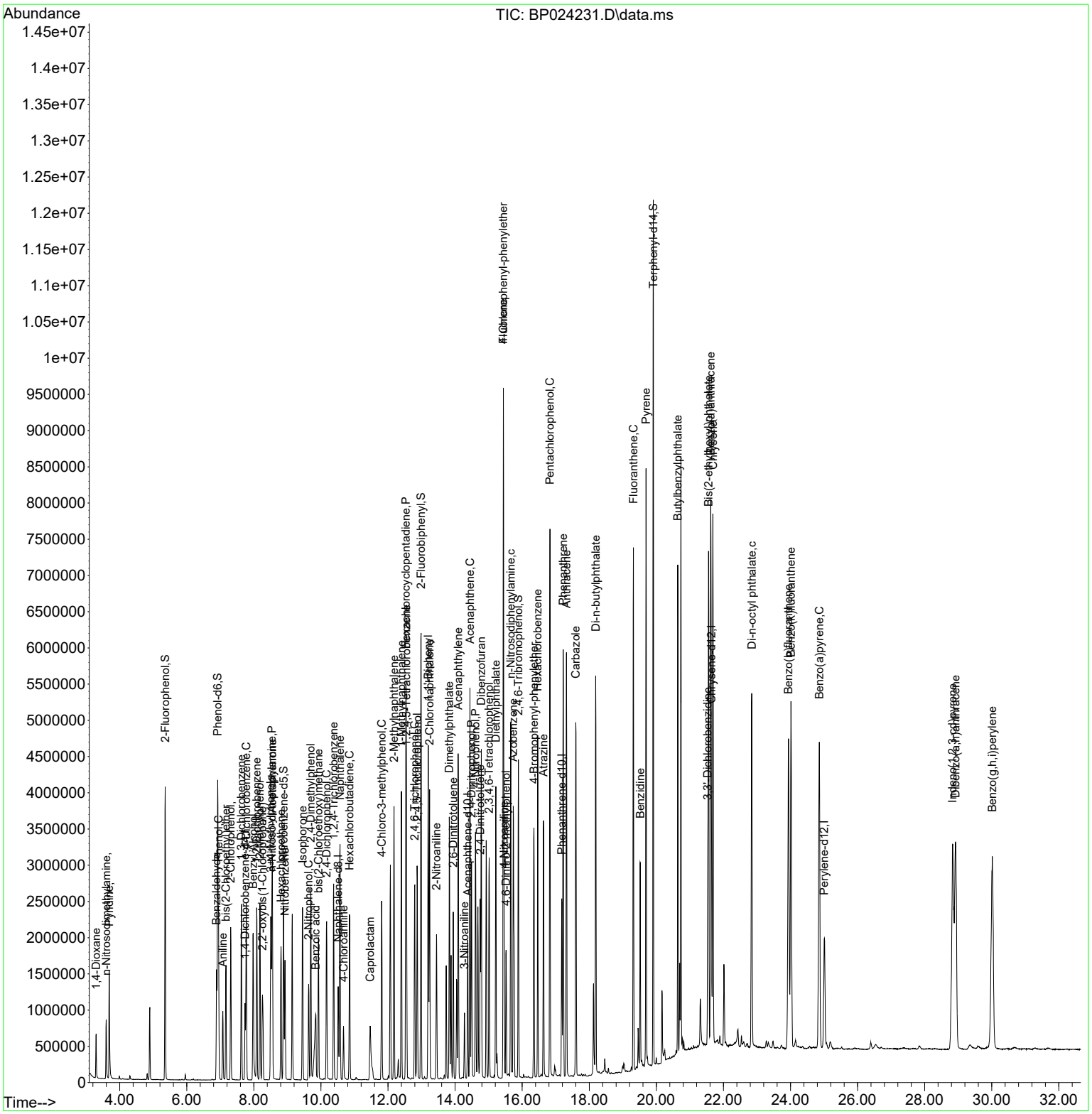
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	732067	52.830	ng	99
46) 1,1'-Biphenyl	13.198	154	2399237	46.421	ng	99
47) 2-Chloronaphthalene	13.239	162	1847743	47.529	ng	99
48) 2-Nitroaniline	13.445	65	556993	56.017	ng	97
49) Acenaphthylene	14.092	152	3103808	52.765	ng	100
50) Dimethylphthalate	13.827	163	2338909	48.599	ng	99
51) 2,6-Dinitrotoluene	13.945	165	525176	51.864	ng	99
52) Acenaphthene	14.445	154	1776413	47.265	ng	98
53) 3-Nitroaniline	14.280	138	247933	22.670	ng	98
54) 2,4-Dinitrophenol	14.492	184	693735	129.477	ng	98
55) Dibenzofuran	14.780	168	2781282	45.685	ng	99
56) 4-Nitrophenol	14.610	139	1086728	118.918	ng	97
57) 2,4-Dinitrotoluene	14.751	165	736493	55.063	ng	97
58) Fluorene	15.439	166	2287142	48.218	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	627051	51.218	ng	99
60) Diethylphthalate	15.216	149	2375103	49.558	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1091368	46.911	ng	99
62) 4-Nitroaniline	15.463	138	566183	49.359	ng	99
63) Azobenzene	15.733	77	2590747	57.354	ng	98
65) 4,6-Dinitro-2-methylph...	15.521	198	420734	53.333	ng	98
66) n-Nitrosodiphenylamine	15.663	169	1994927	49.438	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	710539	48.702	ng	98
68) Hexachlorobenzene	16.463	284	816929	47.309	ng	96
69) Atrazine	16.633	200	723151	74.247	ng	99
70) Pentachlorophenol	16.827	266	1231248	110.257	ng	100
71) Phenanthrene	17.221	178	3556819	48.996	ng	99
72) Anthracene	17.321	178	3617810	51.168	ng	100
73) Carbazole	17.598	167	3495657	51.267	ng	99
74) Di-n-butylphthalate	18.192	149	4265840	52.702	ng	99
75) Fluoranthene	19.315	202	4145716	49.309	ng	99
77) Benzidine	19.521	184	1493656	98.674	ng	99
78) Pyrene	19.692	202	4308248	50.053	ng	100
80) Butylbenzylphthalate	20.639	149	2002861	56.426	ng	98
81) Benzo(a)anthracene	21.621	228	4370438	50.773	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	933391	32.354	ng	100
83) Chrysene	21.686	228	4036729	48.783	ng	99
84) Bis(2-ethylhexyl)phtha...	21.556	149	2890618	53.971	ng	100
85) Di-n-octyl phthalate	22.845	149	4920837	57.344	ng	100
87) Indeno(1,2,3-cd)pyrene	28.827	276	5796219	52.655	ng	94
88) Benzo(b)fluoranthene	23.939	252	4593867	48.307	ng	97
89) Benzo(k)fluoranthene	24.015	252	4451059	47.849	ng	100
90) Benzo(a)pyrene	24.862	252	4402724	53.241	ng	99
91) Dibenzo(a,h)anthracene	28.921	278	4773931	52.128	ng	99
92) Benzo(g,h,i)perylene	30.015	276	4701649	50.504	ng	97

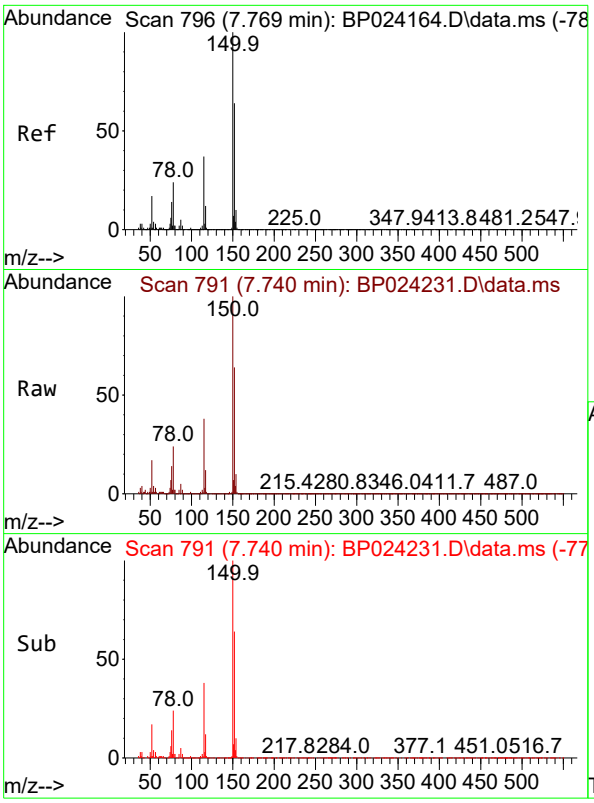
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024231.D
Acq On : 09 Apr 2025 12:15
Operator : RC/JU
Sample : Q1730-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Quant Time: Apr 10 01:57:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



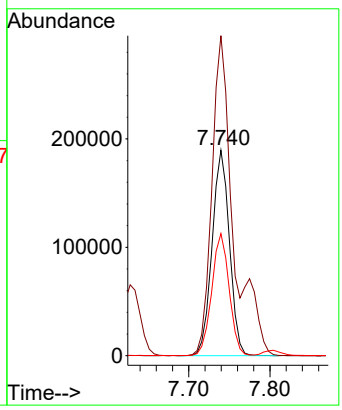


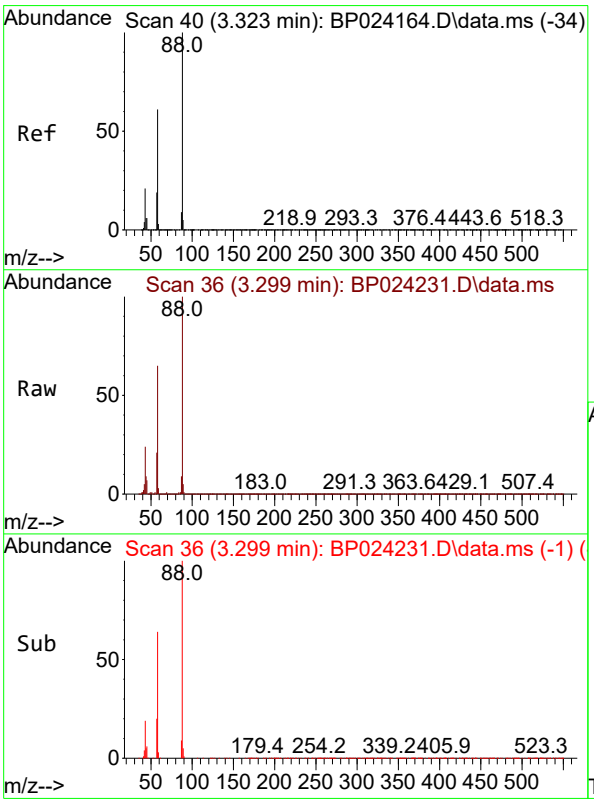
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:152 Resp: 281108

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.5	188.3
115	59.4	46.3	69.5

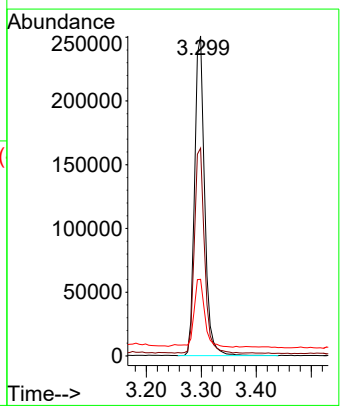


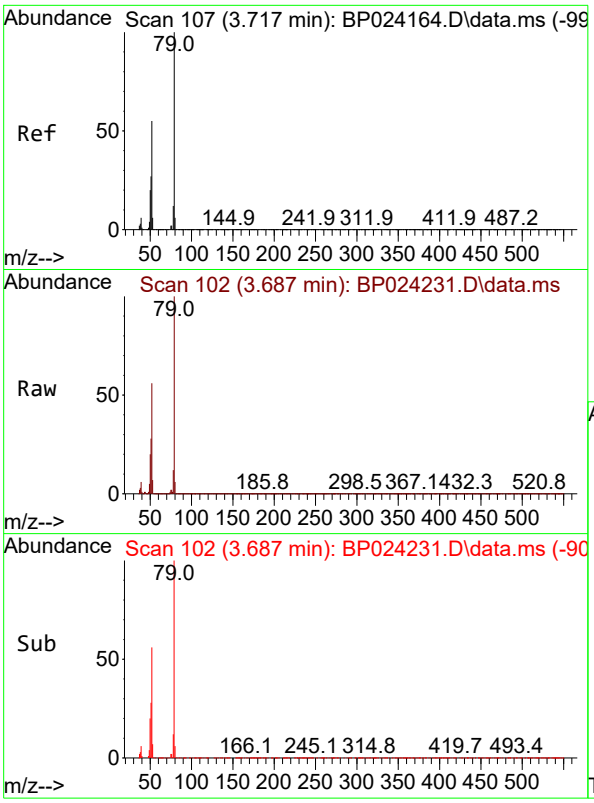


#2
1,4-Dioxane
Concen: 45.513 ng
RT: 3.299 min Scan# 36
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 88 Resp: 317706

Ion	Ratio	Lower	Upper
88	100		
58	64.5	49.8	74.6
43	22.4	17.3	25.9



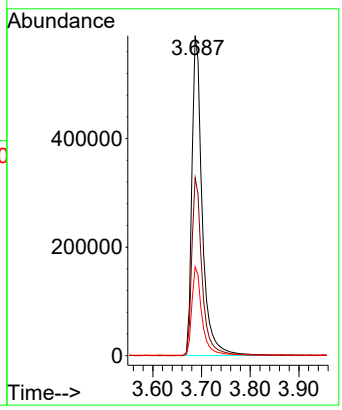


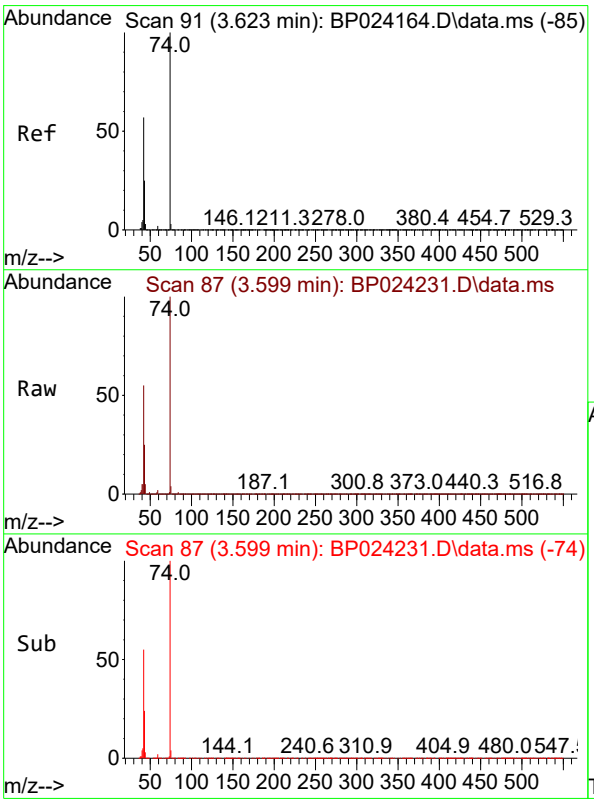
#3
Pyridine
Concen: 45.529 ng
RT: 3.687 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 79 Resp: 868827

Ion	Ratio	Lower	Upper
79	100		
52	55.6	43.8	65.8
51	27.7	21.6	32.4

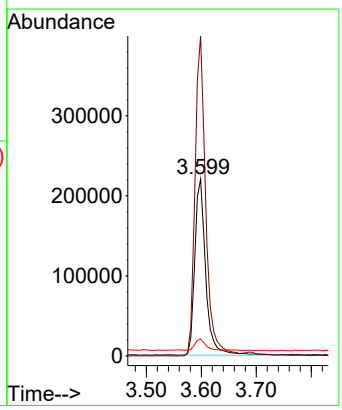


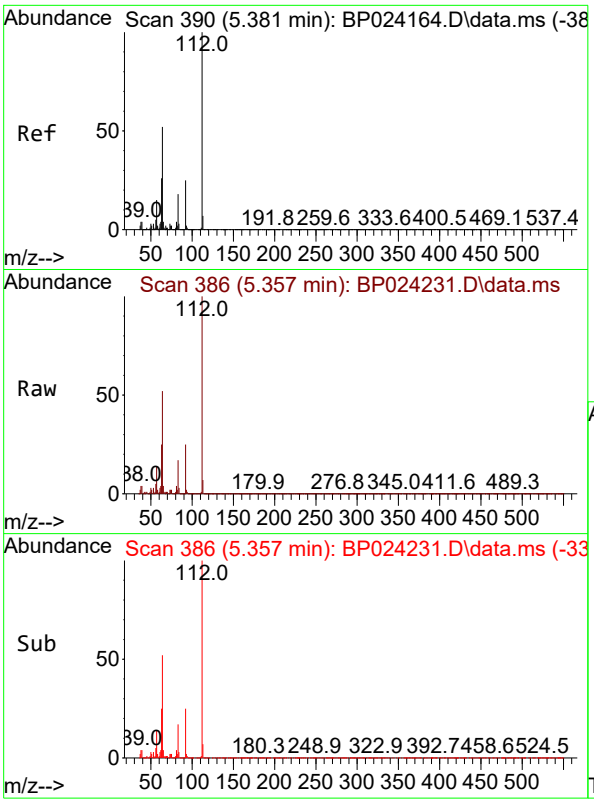


#4
n-Nitrosodimethylamine
Concen: 47.764 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 42 Resp: 304479

Ion	Ratio	Lower	Upper
42	100		
74	180.9	139.8	209.6
44	9.6	5.3	7.9#



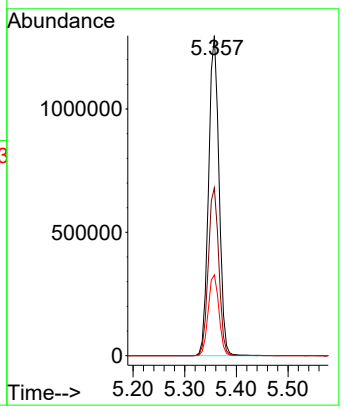


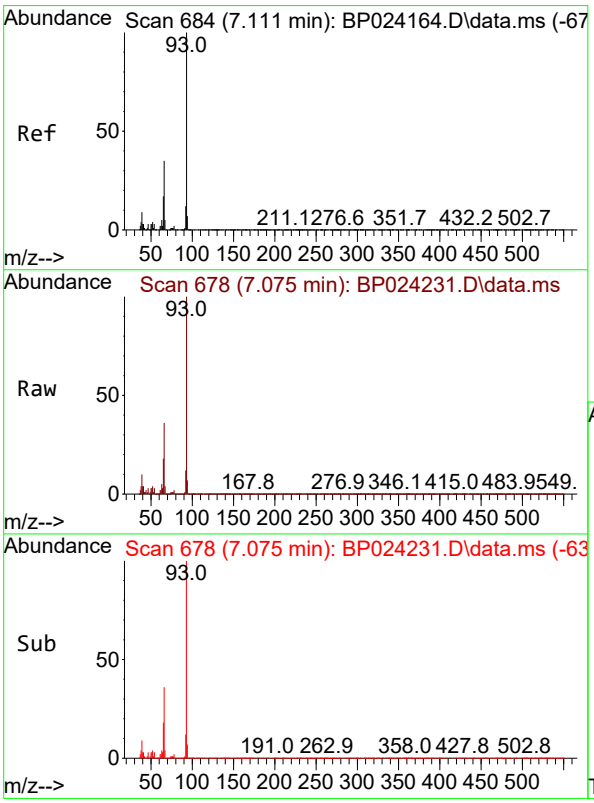
#5
2-Fluorophenol
Concen: 103.345 ng
RT: 5.357 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:112 Resp: 1819928

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.3	61.9
63	25.2	20.6	31.0

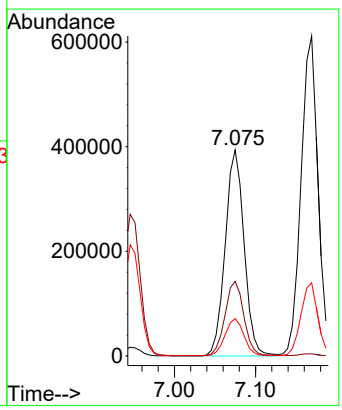


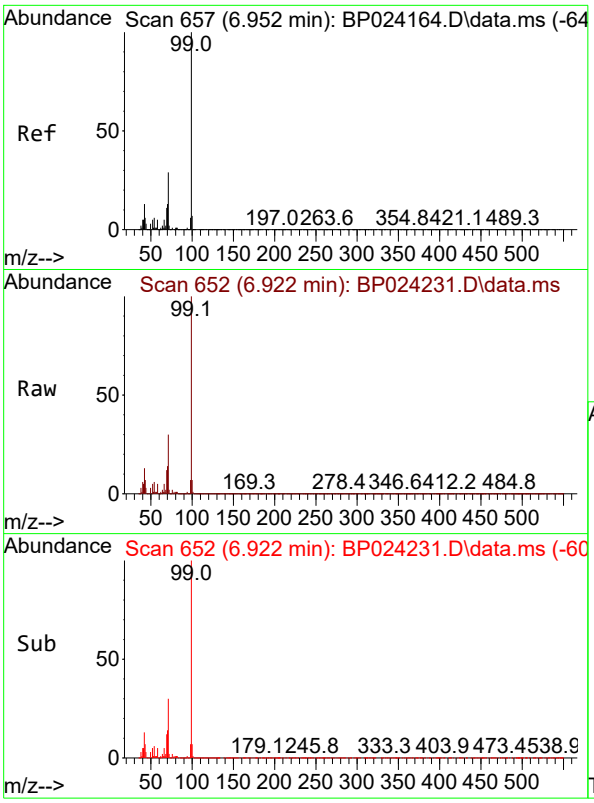


#6
Aniline
Concen: 29.672 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 93 Resp: 636625

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.2	42.2
65	18.1	14.0	21.0



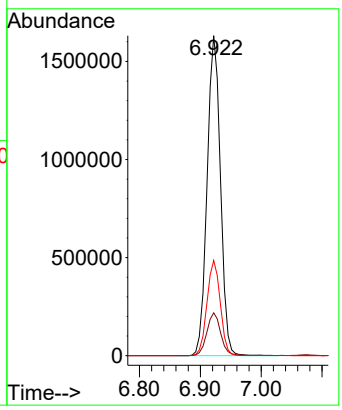


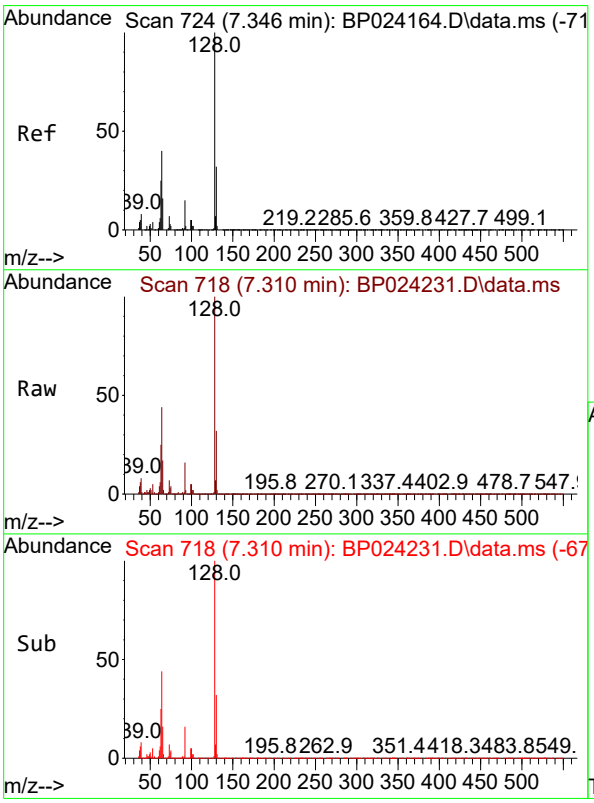
#7
Phenol-d6
Concen: 105.102 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 99 Resp: 2475078

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	16.0
71	29.8	23.3	34.9

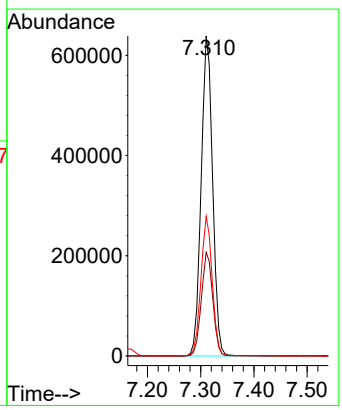


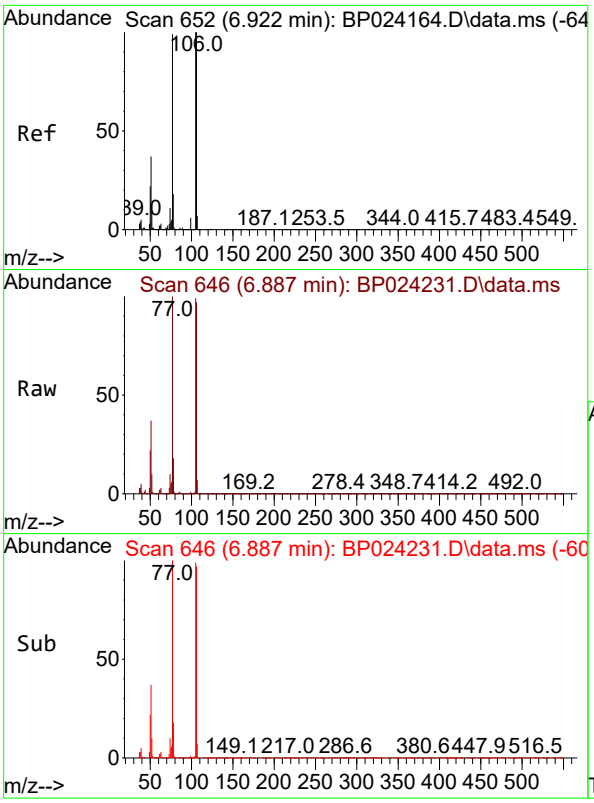


#8
2-Chlorophenol
Concen: 50.102 ng
RT: 7.310 min Scan# 718
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:128 Resp: 953022

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	43.6	21.6	61.6



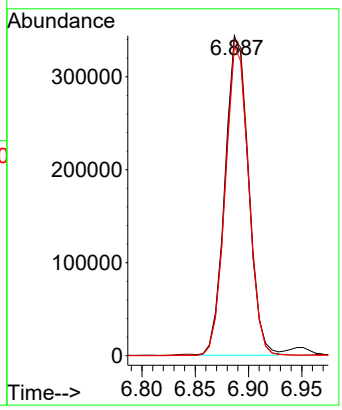


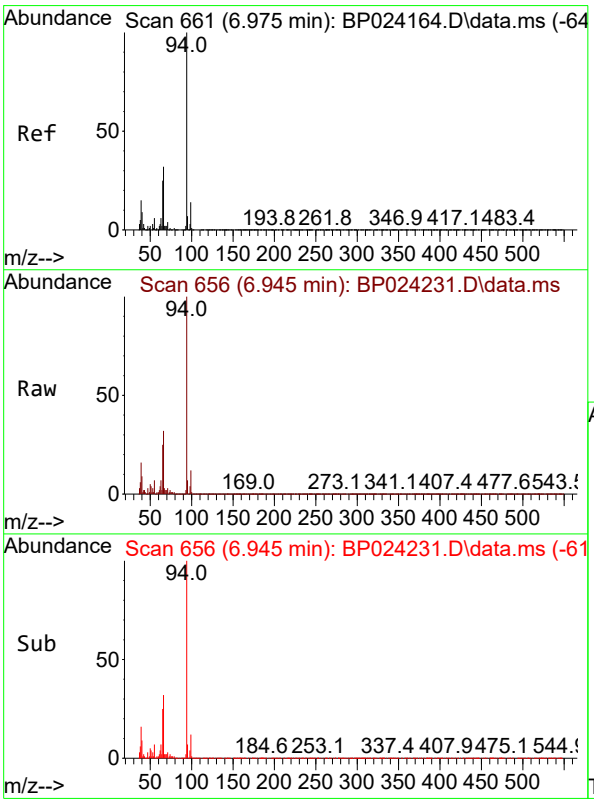
#9
Benzaldehyde
Concen: 46.196 ng
RT: 6.887 min Scan# 64
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 77 Resp: 524999

Ion	Ratio	Lower	Upper
77	100		
105	99.0	81.4	121.4
106	96.7	81.1	121.1

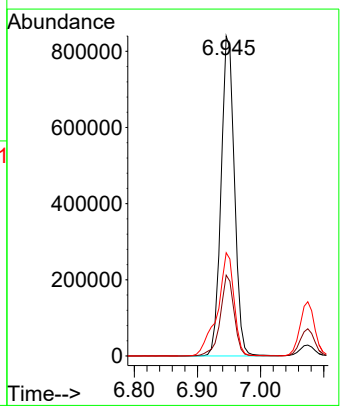


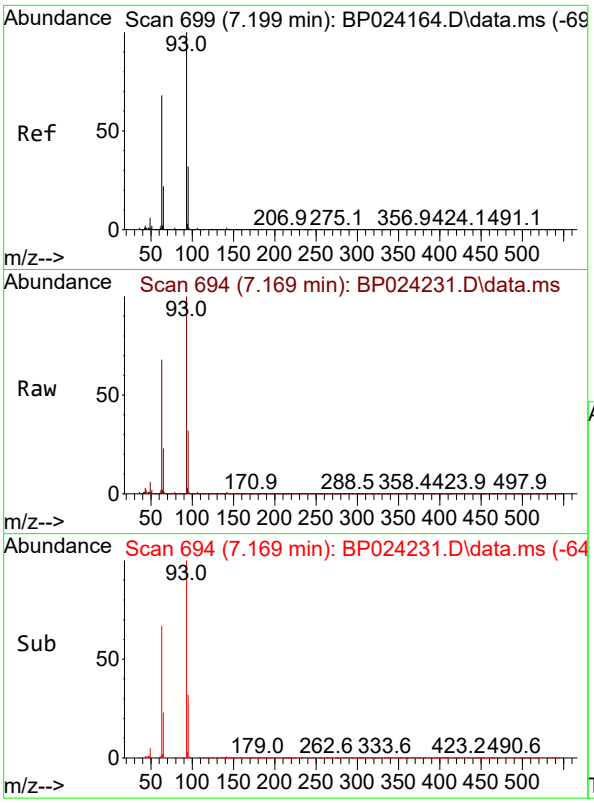


#10
Phenol
Concen: 51.888 ng
RT: 6.945 min Scan# 656
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 94 Resp: 1233551

Ion	Ratio	Lower	Upper
94	100		
65	25.3	4.9	44.9
66	32.2	11.9	51.9



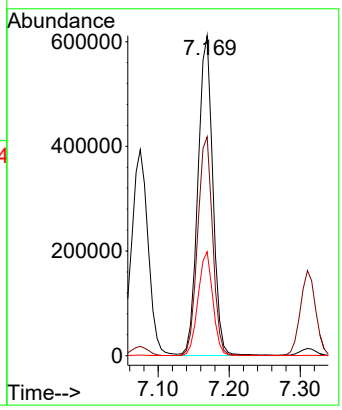


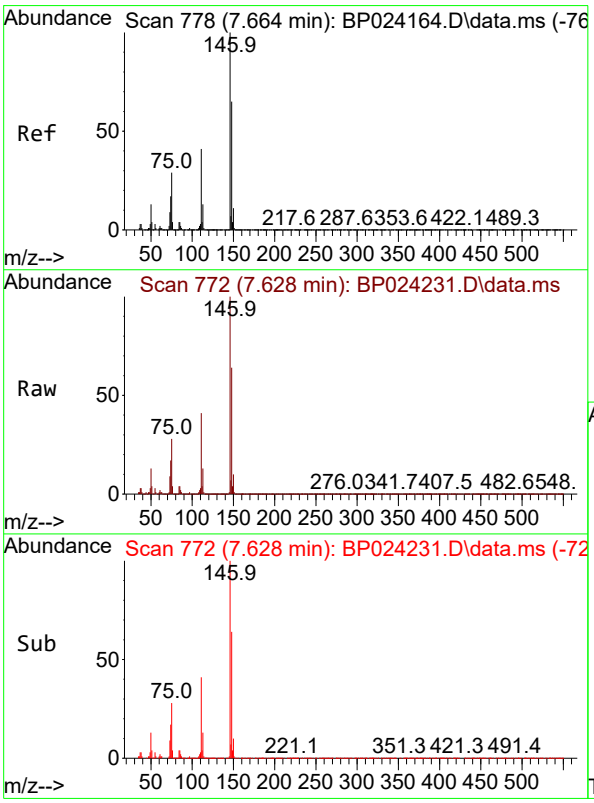
#11
bis(2-Chloroethyl)ether
Concen: 47.533 ng
RT: 7.169 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 93 Resp: 891121

Ion	Ratio	Lower	Upper
93	100		
63	68.4	47.4	87.4
95	32.5	12.1	52.1

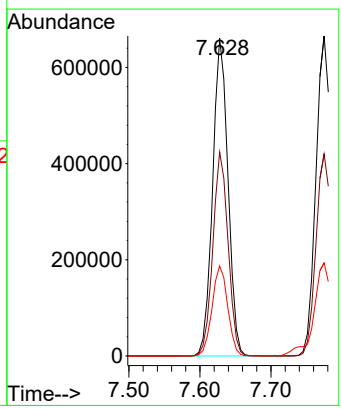


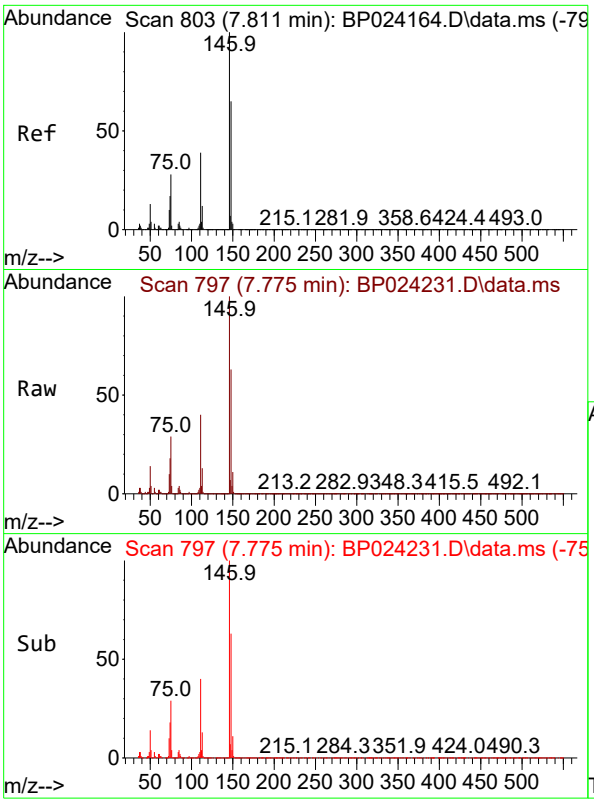


#12
1,3-Dichlorobenzene
Concen: 48.206 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:146 Resp: 988820

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.4	22.8	34.2



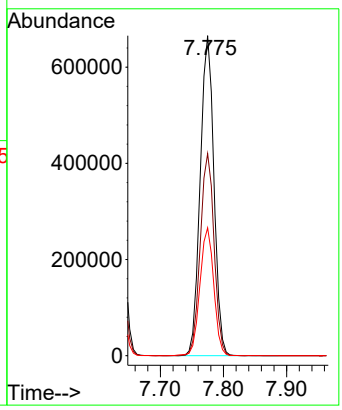


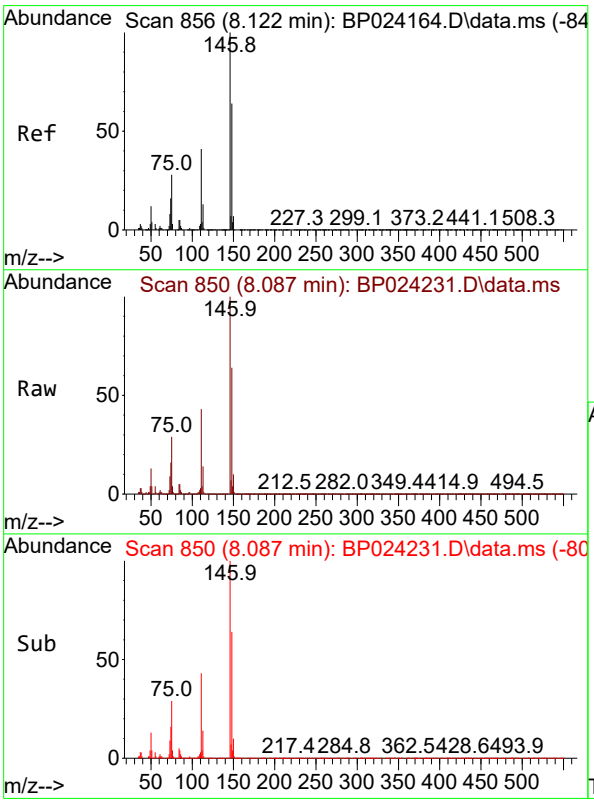
#13
1,4-Dichlorobenzene
Concen: 47.895 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:146 Resp: 1003118

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	39.9	31.4	47.2

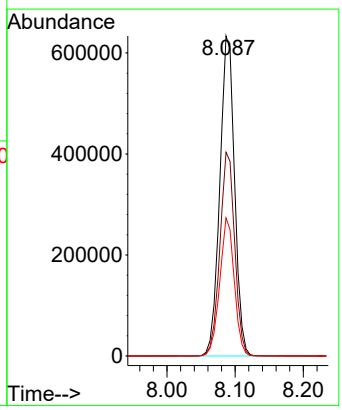


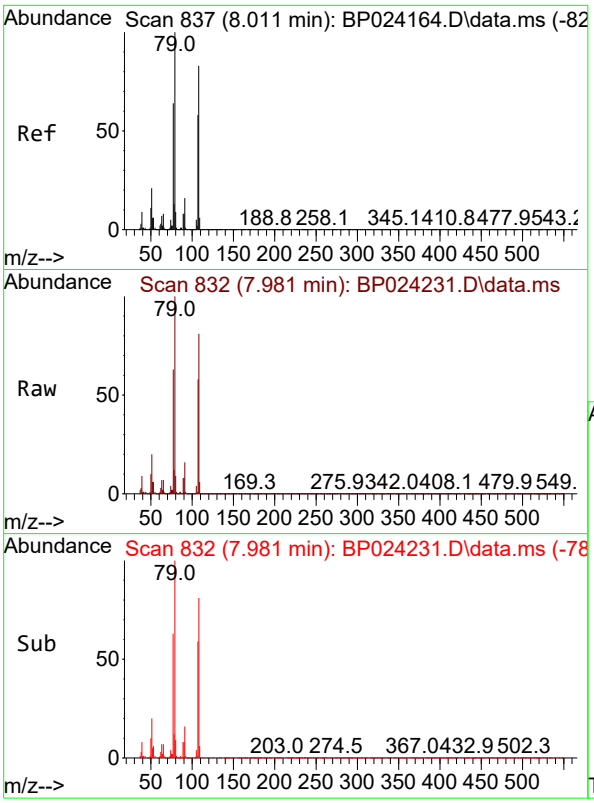


#14
1,2-Dichlorobenzene
Concen: 47.596 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:146 Resp: 956599

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	43.1	33.2	49.8



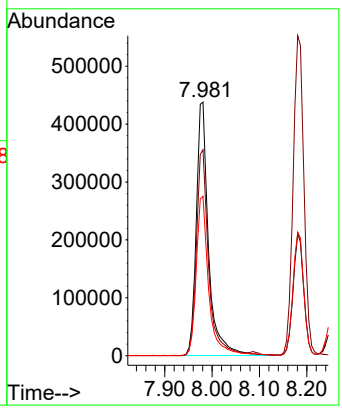


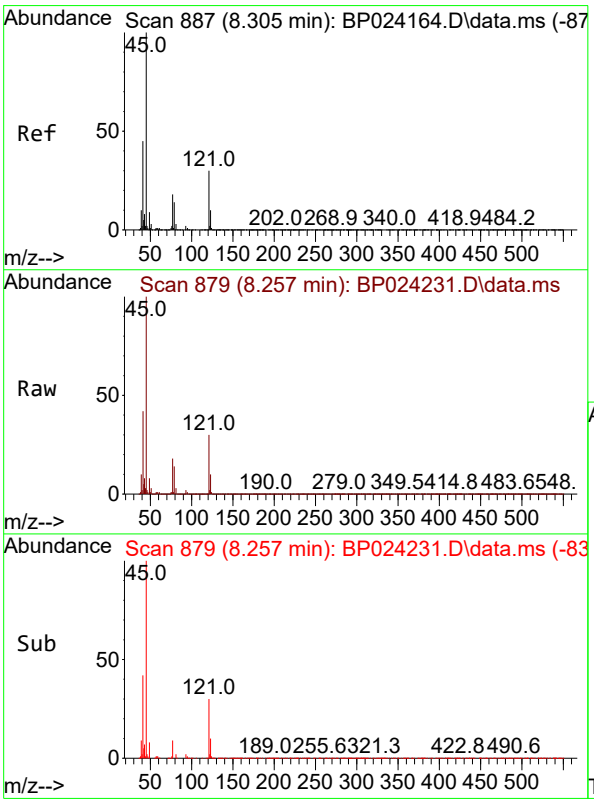
#15
Benzyl Alcohol
Concen: 53.060 ng
RT: 7.981 min Scan# 8
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 79 Resp: 791078

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.5	99.7
77	62.8	50.9	76.3

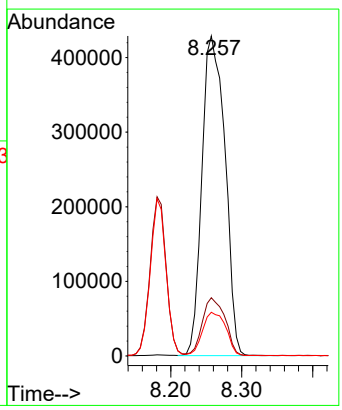


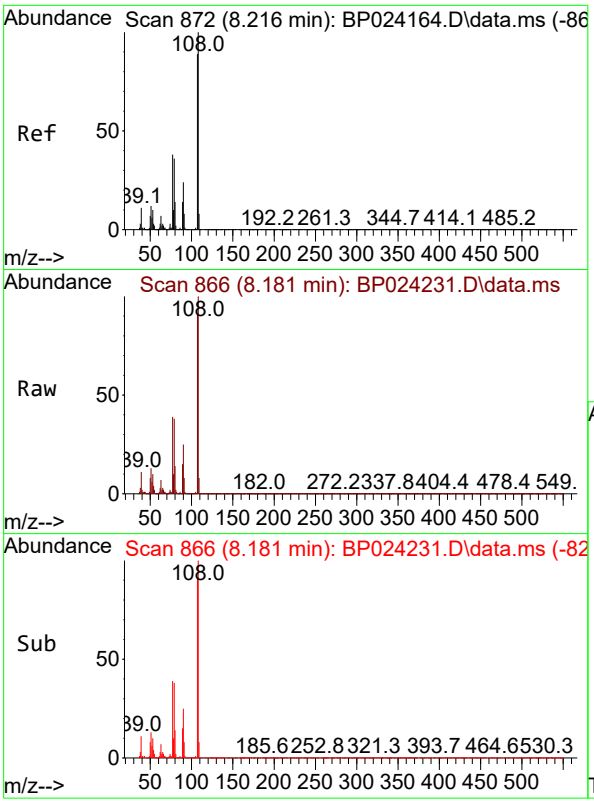


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.419 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.047 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 45 Resp: 964724

Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	39.0
79	13.7	0.0	35.6



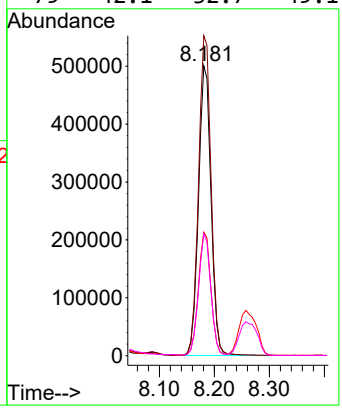


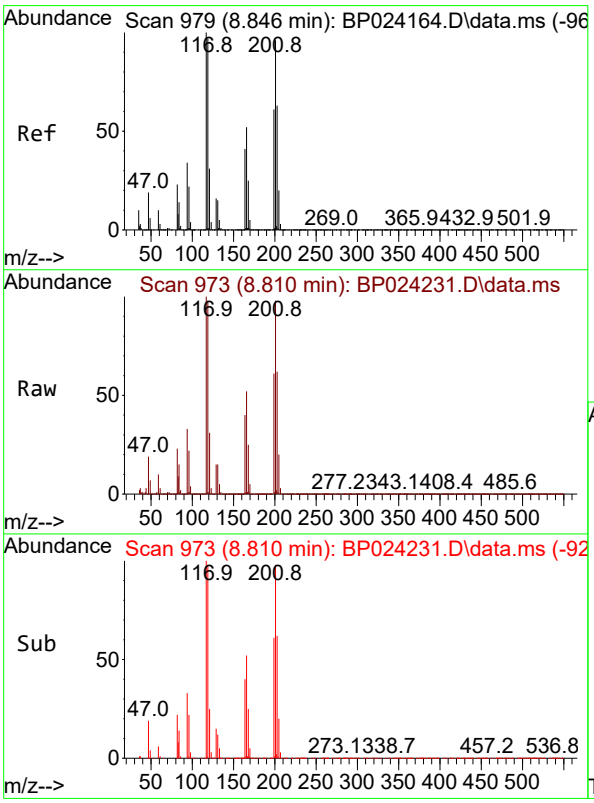
#17
2-Methylphenol
Concen: 53.003 ng
RT: 8.181 min Scan# 8
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:107 Resp: 790144

Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.0	135.0
77	42.6	34.0	51.0
79	42.1	32.7	49.1

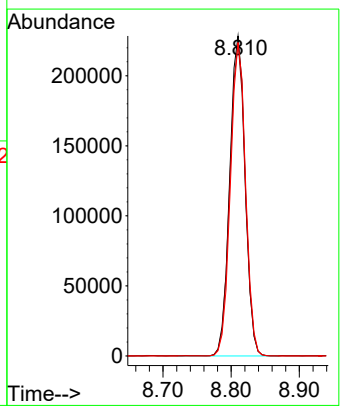


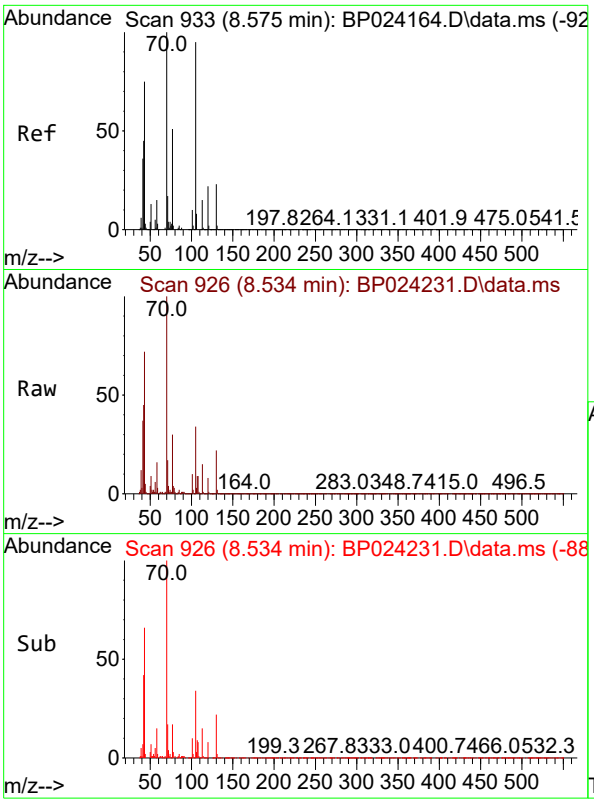


#18
Hexachloroethane
Concen: 48.481 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:117 Resp: 360239

Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	97.9	76.6	114.8



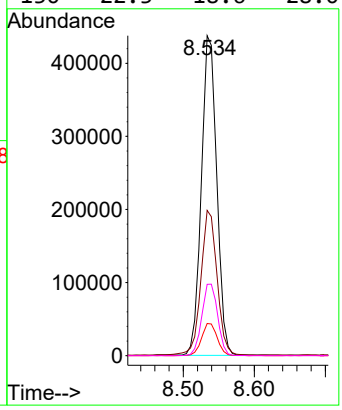


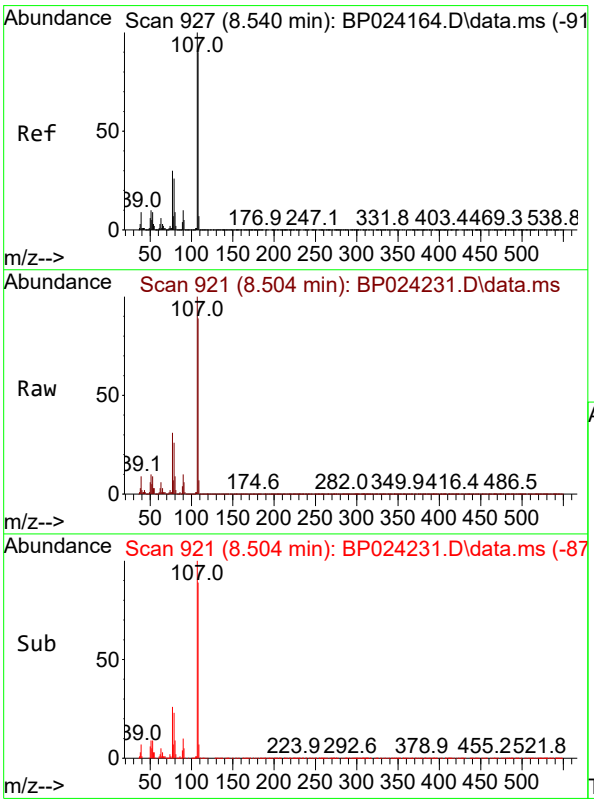
#19
n-Nitroso-di-n-propylamine
Concen: 48.277 ng
RT: 8.534 min Scan# 9
Delta R.T. -0.042 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 70 Resp: 659556

Ion	Ratio	Lower	Upper
70	100		
42	45.4	36.0	54.0
101	10.0	8.3	12.5
130	22.3	18.6	28.0

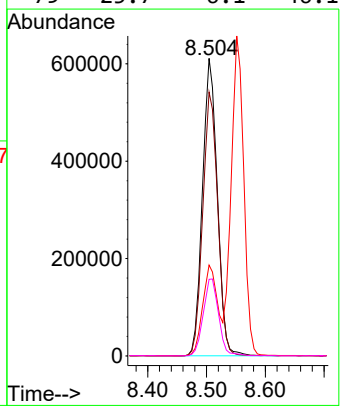


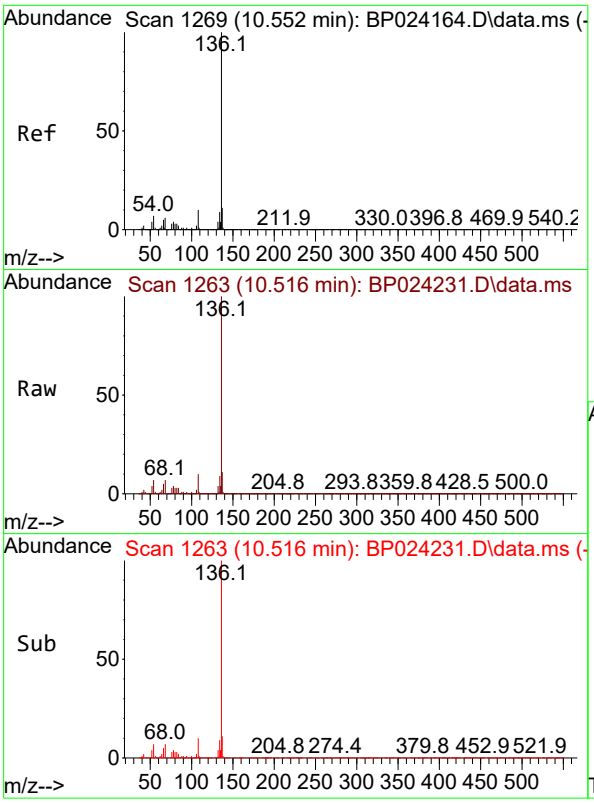


#20
3+4-Methylphenols
Concen: 52.263 ng
RT: 8.504 min Scan# 921
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:107 Resp: 1070403

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.7	109.7
77	30.5	10.3	50.3
79	25.7	6.1	46.1



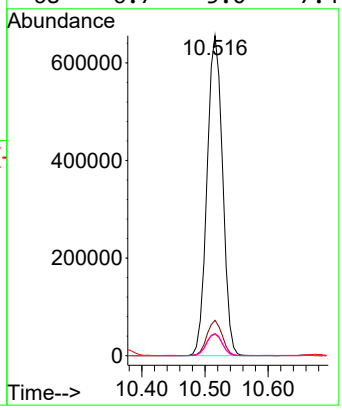


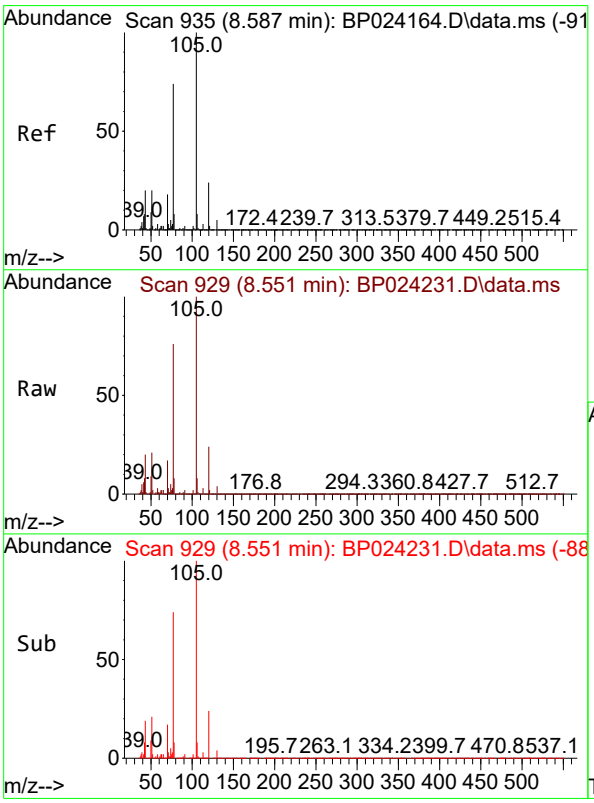
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:136 Resp: 1119091

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.9	5.3	7.9
68	6.7	5.0	7.4

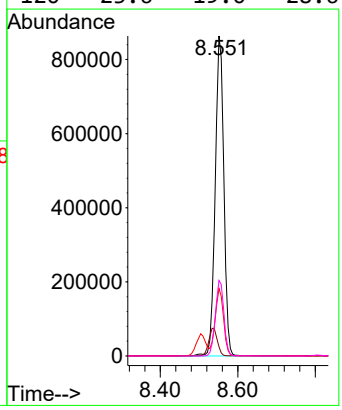


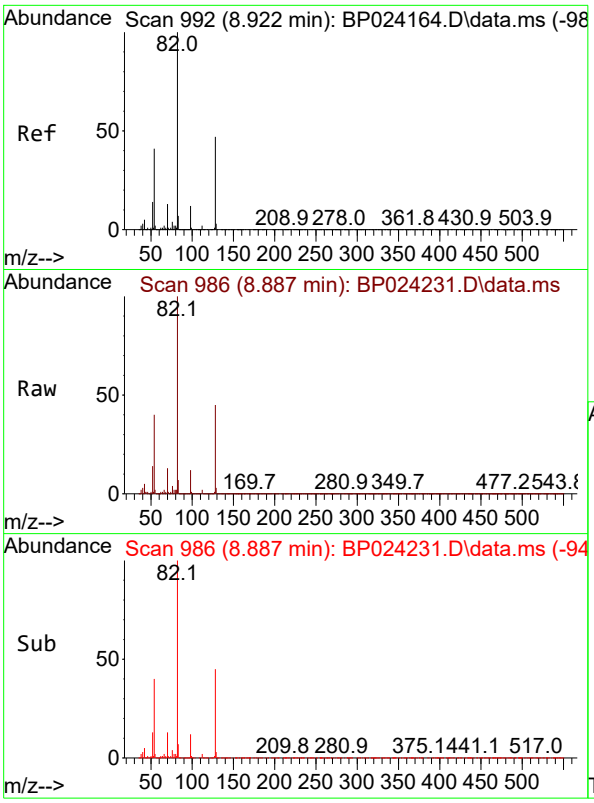


#22
Acetophenone
Concen: 47.006 ng
RT: 8.551 min Scan# 929
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:105 Resp: 1329945

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.4	3.6
51	21.1	16.2	24.2
120	23.6	19.0	28.6



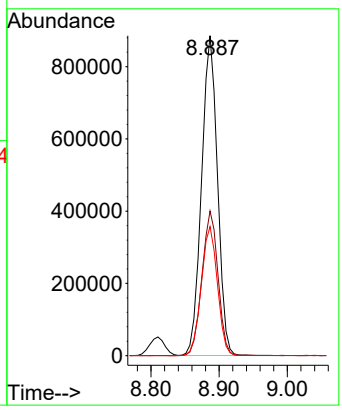


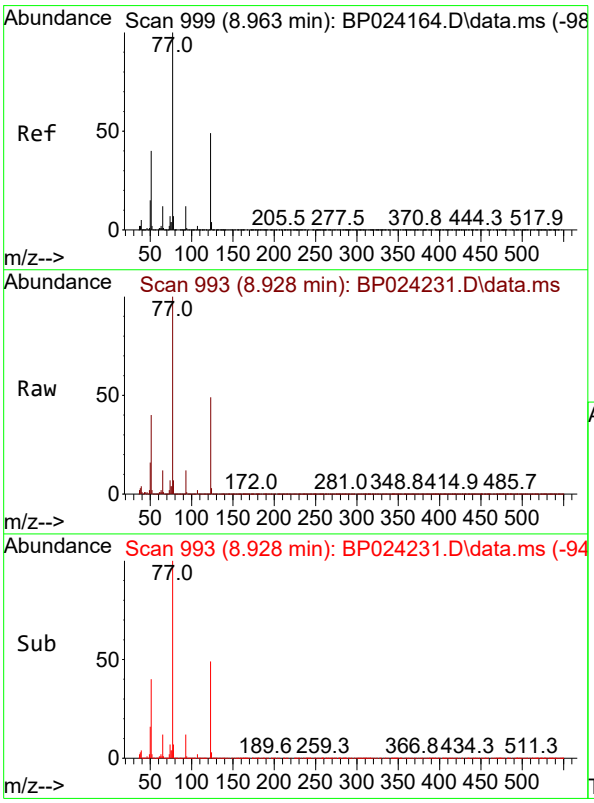
#23
Nitrobenzene-d5
Concen: 72.369 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 82 Resp: 1435411

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.4	56.0
54	40.4	32.5	48.7

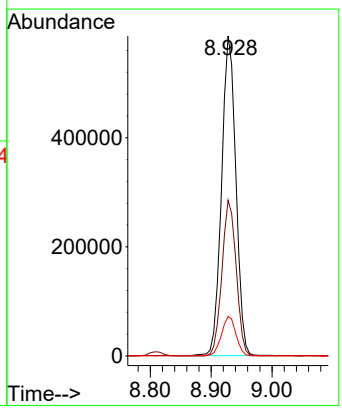


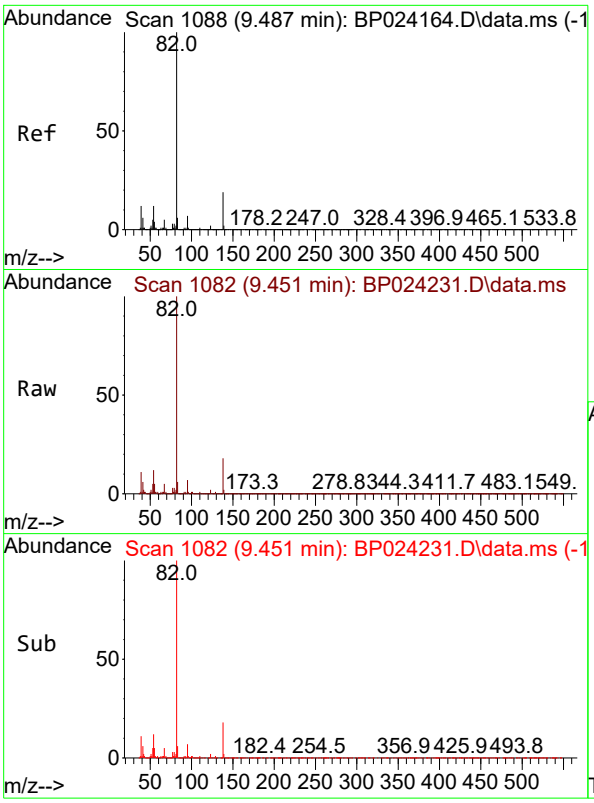


#24
Nitrobenzene
Concen: 48.968 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 77 Resp: 958156

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.4	59.2
65	12.4	9.9	14.9



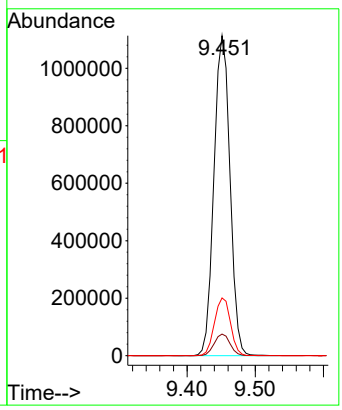


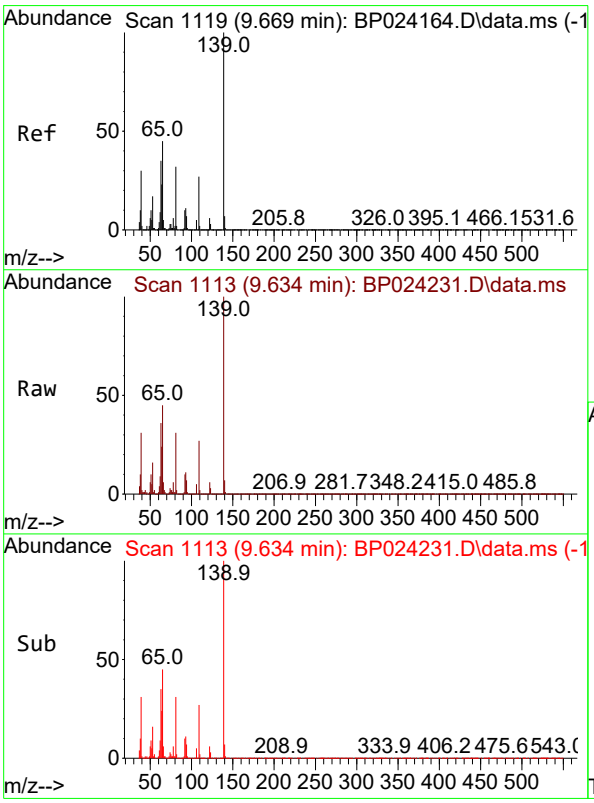
#25
Isophorone
Concen: 53.651 ng
RT: 9.451 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 82 Resp: 1824153

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.0	14.8	22.2

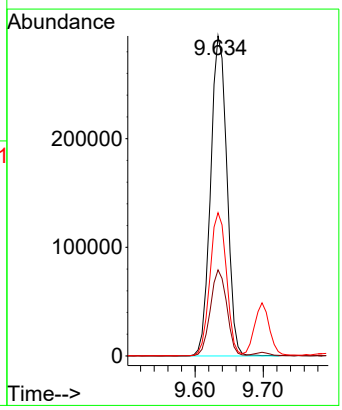


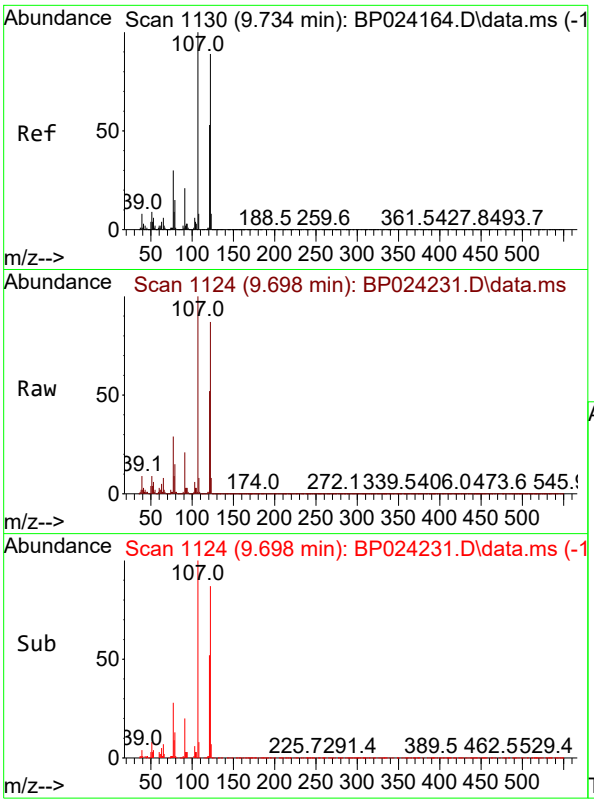


#26
2-Nitrophenol
Concen: 52.441 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:139 Resp: 490139

Ion	Ratio	Lower	Upper
139	100		
109	26.9	21.7	32.5
65	44.8	35.8	53.8



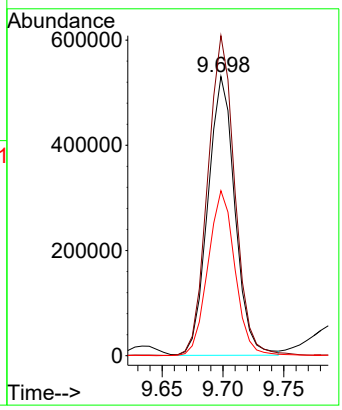


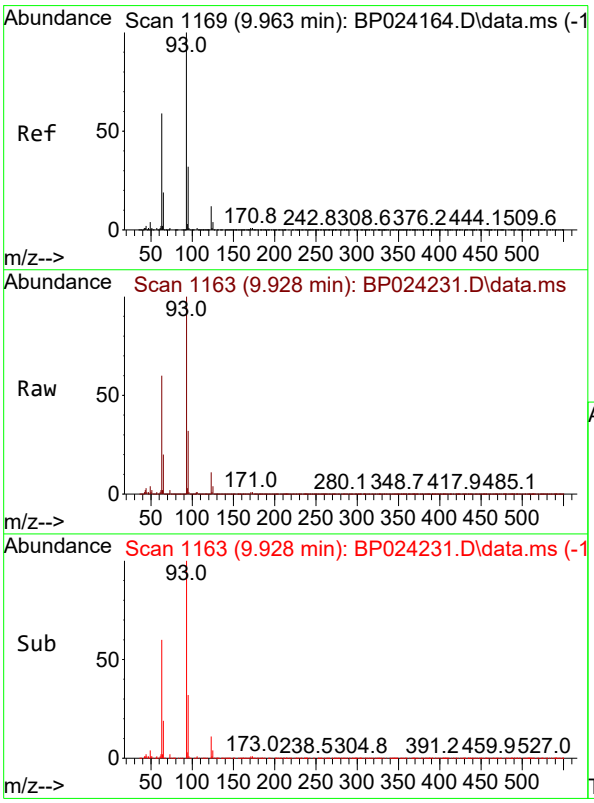
#27
2,4-Dimethylphenol
Concen: 68.254 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:122 Resp: 820298

Ion	Ratio	Lower	Upper
122	100		
107	114.6	89.3	133.9
121	59.1	47.5	71.3

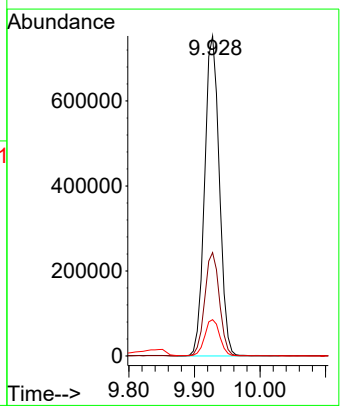


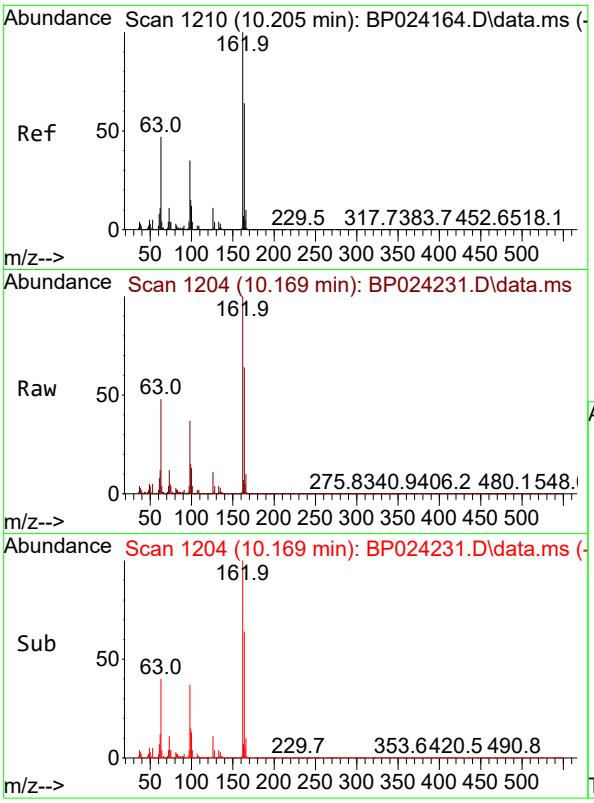


#28
bis(2-Chloroethoxy)methane
Concen: 49.111 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 93 Resp: 1174695

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.9	38.9
123	11.4	9.5	14.3



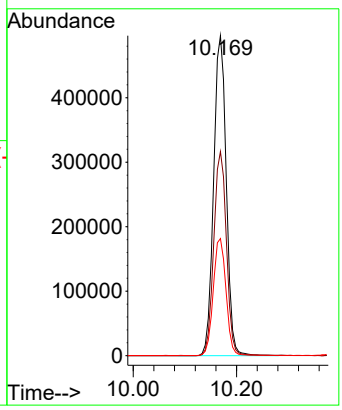


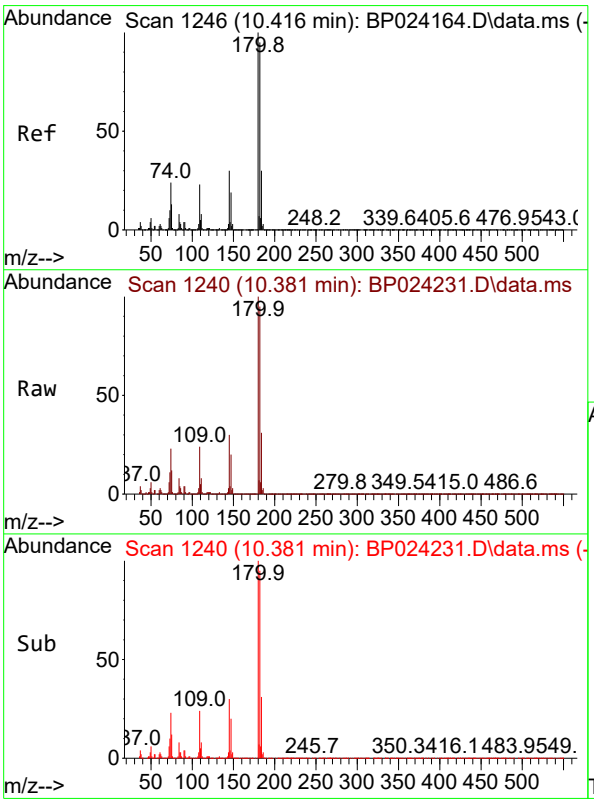
#29
2,4-Dichlorophenol
Concen: 51.723 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:162 Resp: 840904

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.2	84.2
98	36.6	15.1	55.1

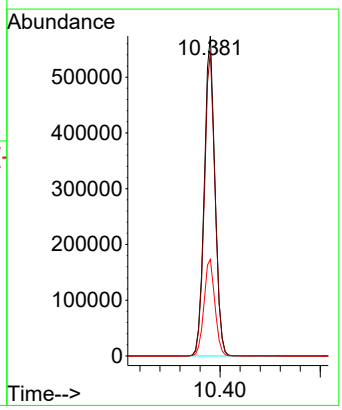


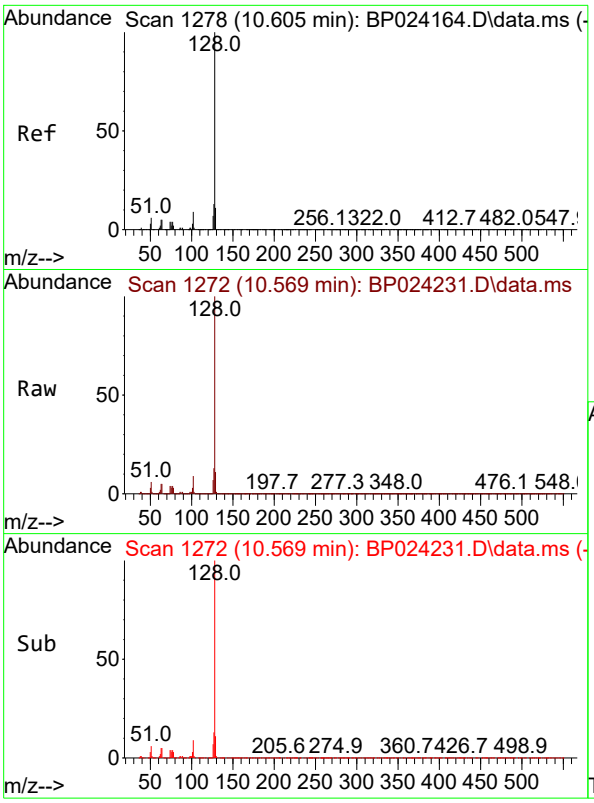


#30
1,2,4-Trichlorobenzene
Concen: 47.107 ng
RT: 10.381 min Scan# 1240
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:180 Resp: 846155

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.1	114.1
145	30.2	24.2	36.2



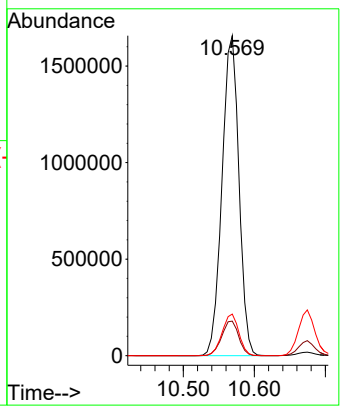


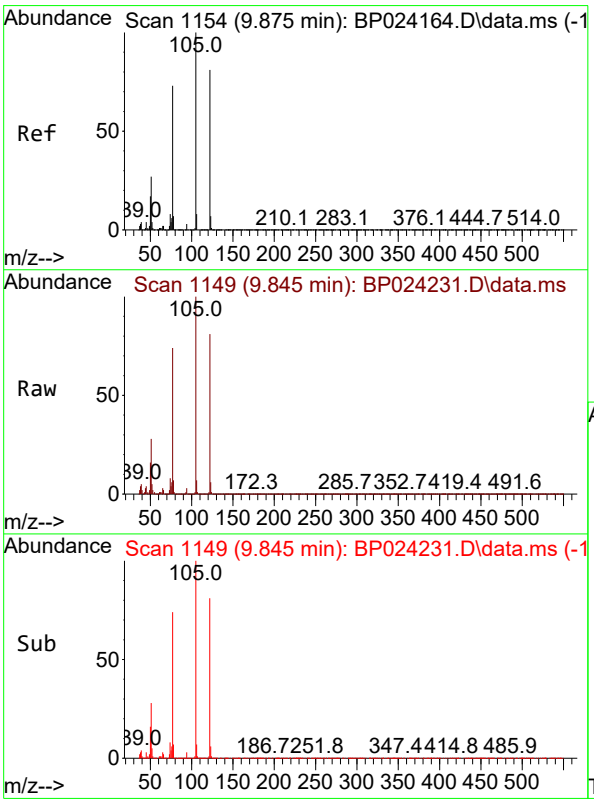
#31
Naphthalene
Concen: 46.030 ng
RT: 10.569 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:128 Resp: 2730588

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.0	10.4	15.6

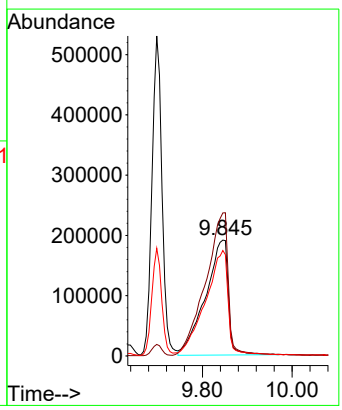


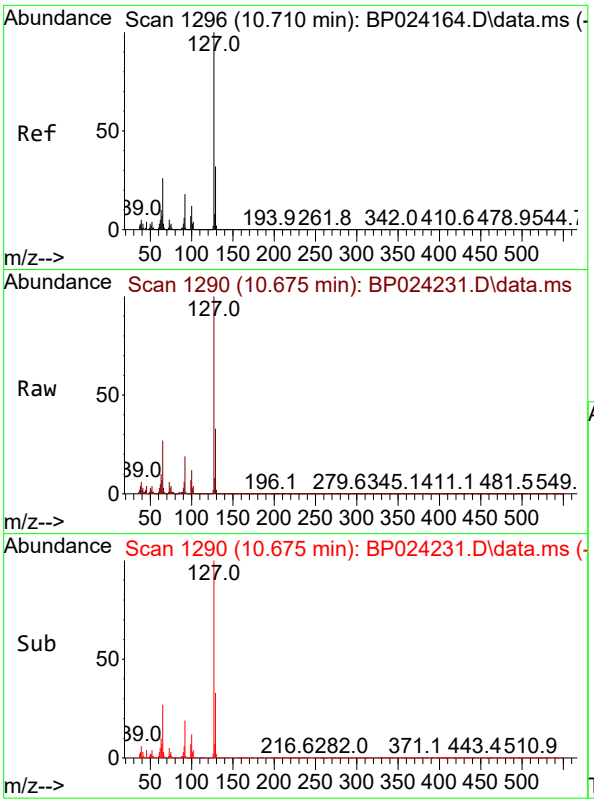


#32
Benzoic acid
Concen: 57.653 ng
RT: 9.845 min Scan# 1149
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:122 Resp: 675754

Ion	Ratio	Lower	Upper
122	100		
105	123.4	100.3	140.3
77	91.1	69.1	109.1



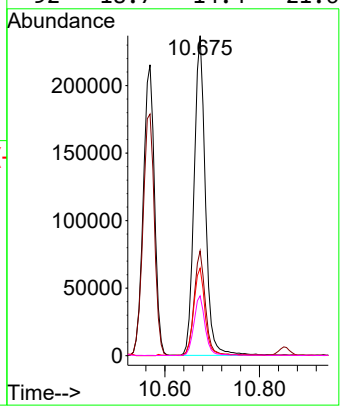


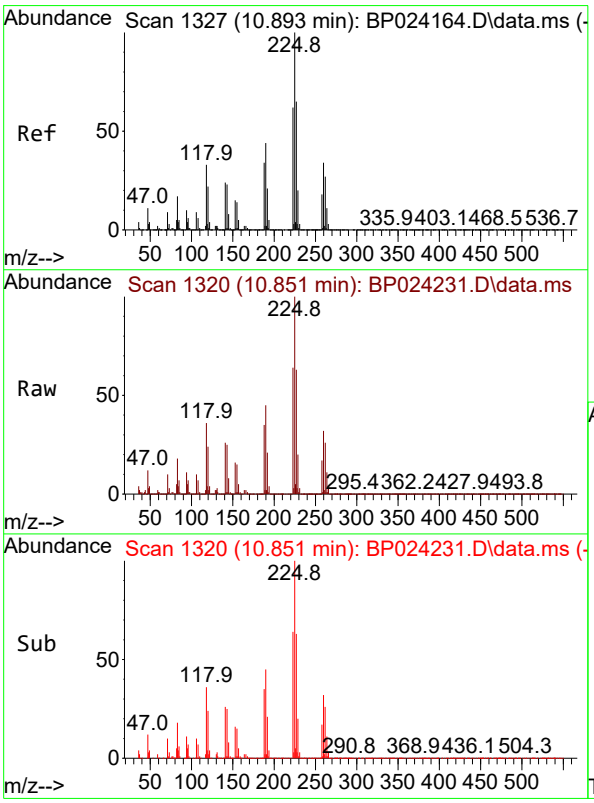
#33
4-Chloroaniline
Concen: 18.506 ng
RT: 10.675 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:127 Resp: 392859

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	27.4	21.2	31.8
92	18.7	14.4	21.6

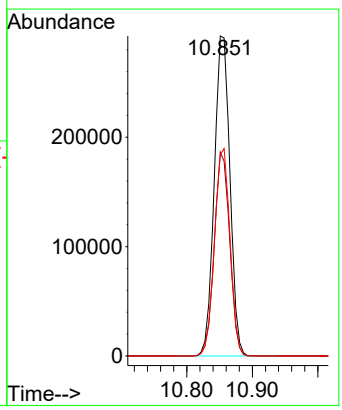


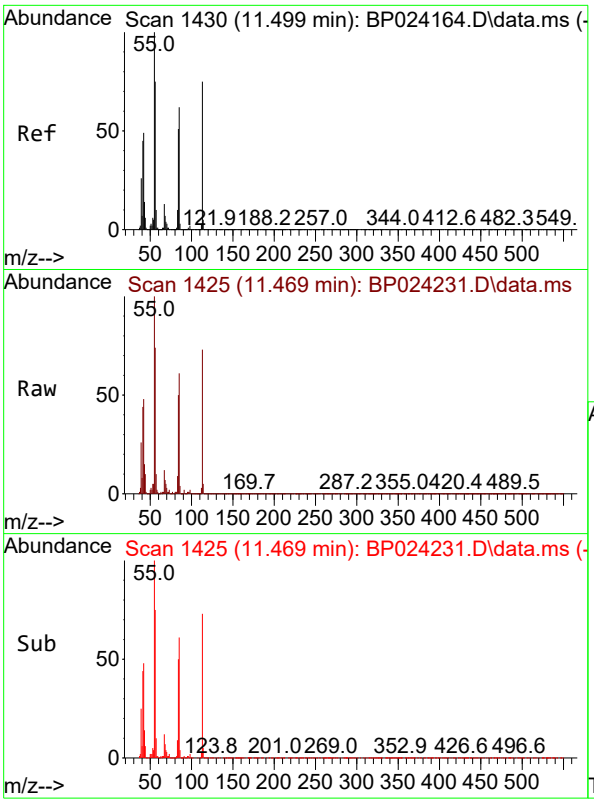


#34
Hexachlorobutadiene
Concen: 46.847 ng
RT: 10.851 min Scan# 1320
Delta R.T. -0.042 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:225 Resp: 484291

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.9	74.9
227	63.0	52.2	78.2



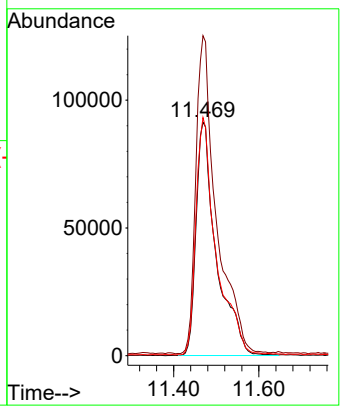


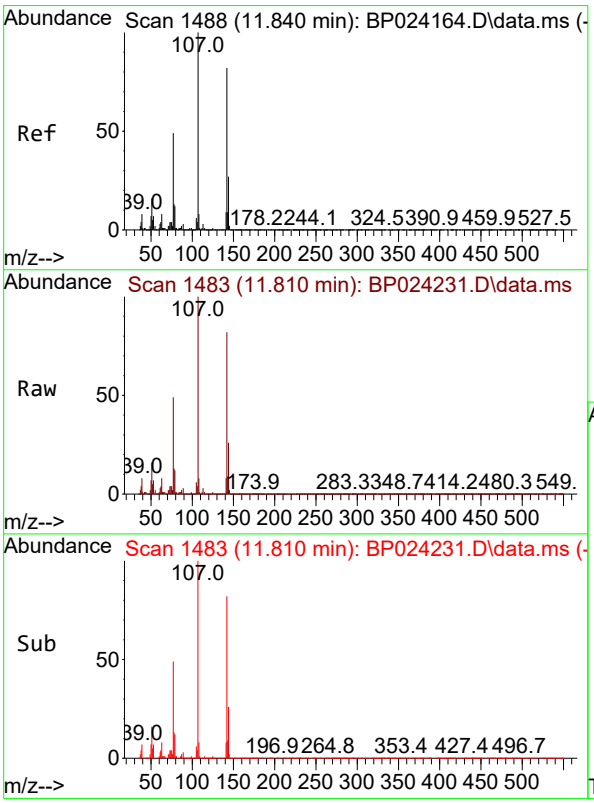
#35
Caprolactam
Concen: 56.686 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:113 Resp: 302043

Ion	Ratio	Lower	Upper
113	100		
55	137.1	113.6	153.6
56	102.0	80.0	120.0

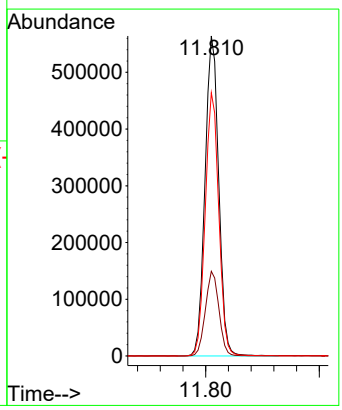


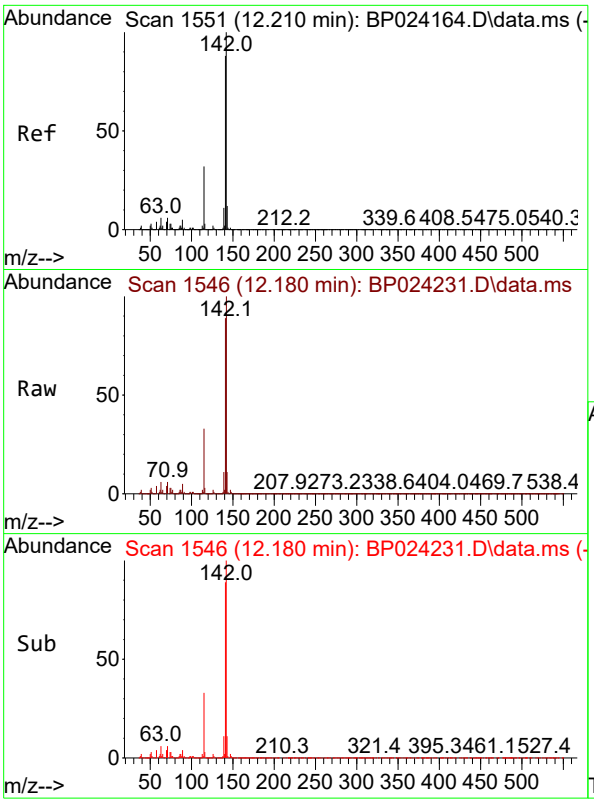


#36
4-Chloro-3-methylphenol
Concen: 53.448 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:107 Resp: 937414

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.6	32.4
142	82.2	65.4	98.0



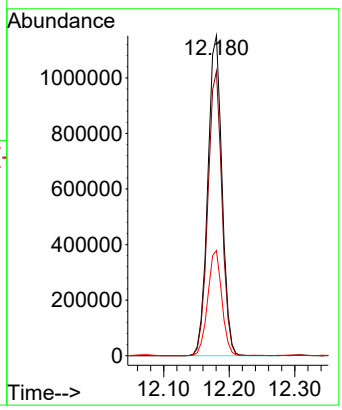


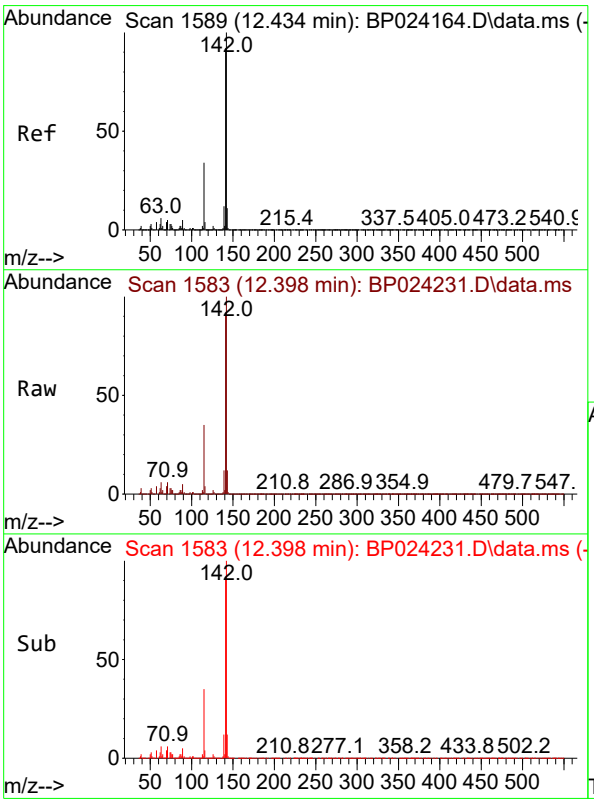
#37
2-Methylnaphthalene
Concen: 43.210 ng
RT: 12.180 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:142 Resp: 1731705

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	32.9	26.0	39.0

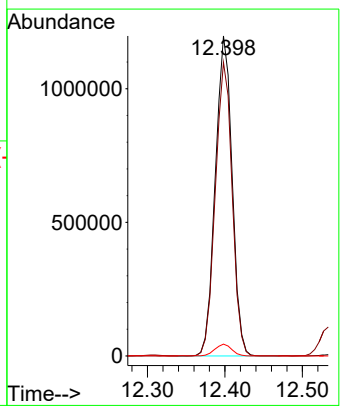


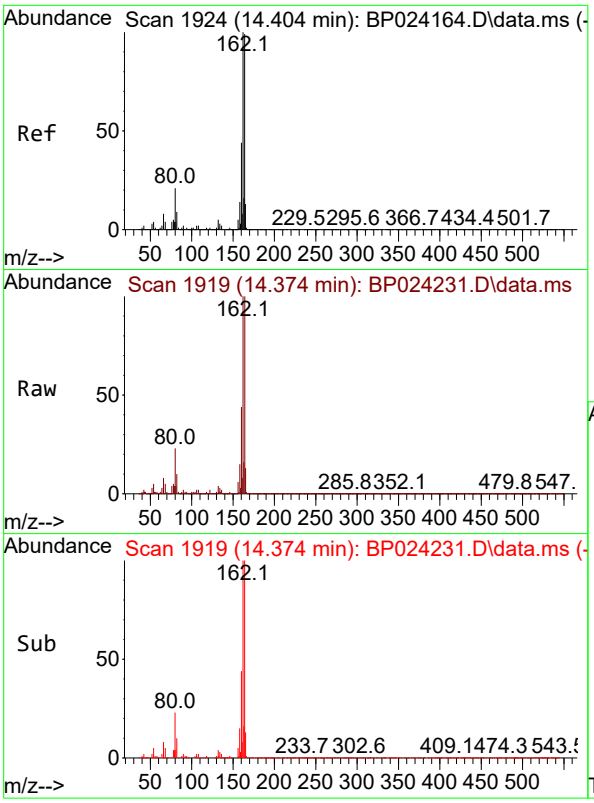


#38
1-Methylnaphthalene
Concen: 46.327 ng
RT: 12.398 min Scan# 1583
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:142 Resp: 1805790

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.7	2.8	4.2



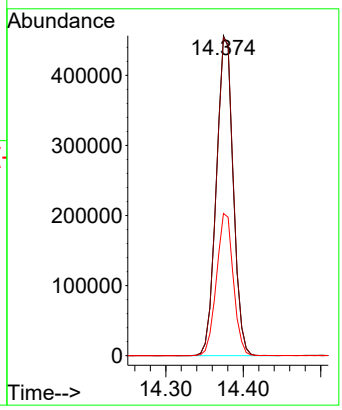


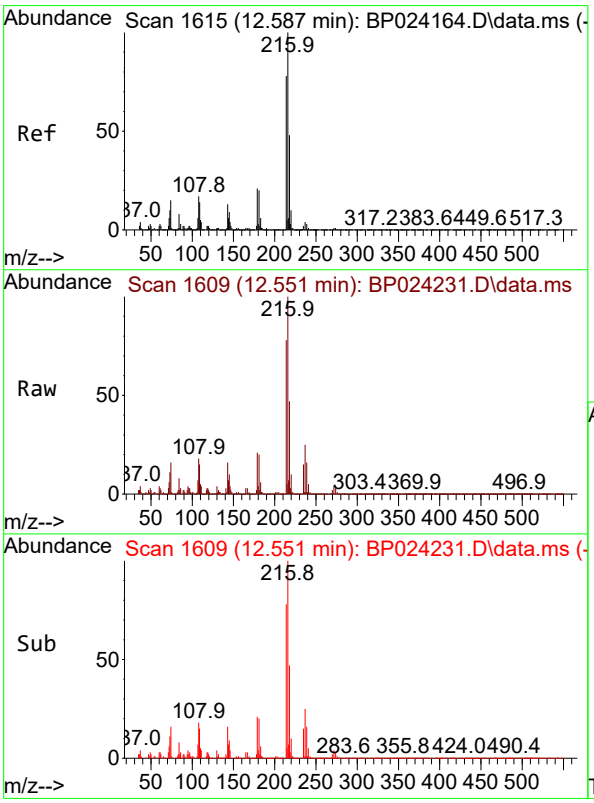
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.374 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:164 Resp: 687797

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	121.0
160	44.5	35.4	53.2

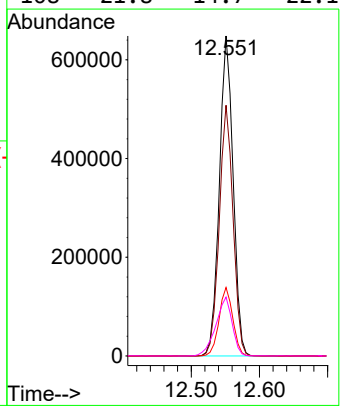


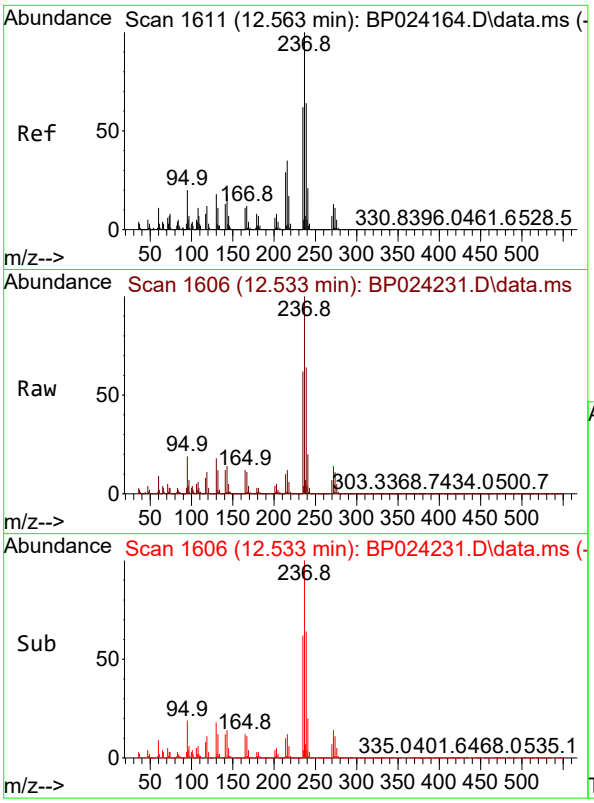


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.862 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:216 Resp: 911843

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	21.4	16.8	25.2
108	21.8	14.7	22.1



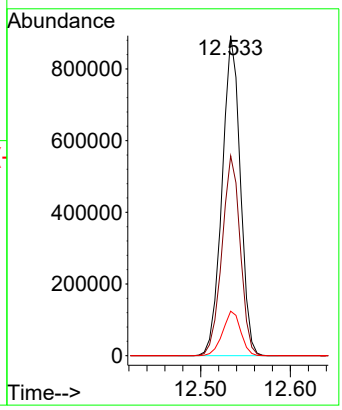


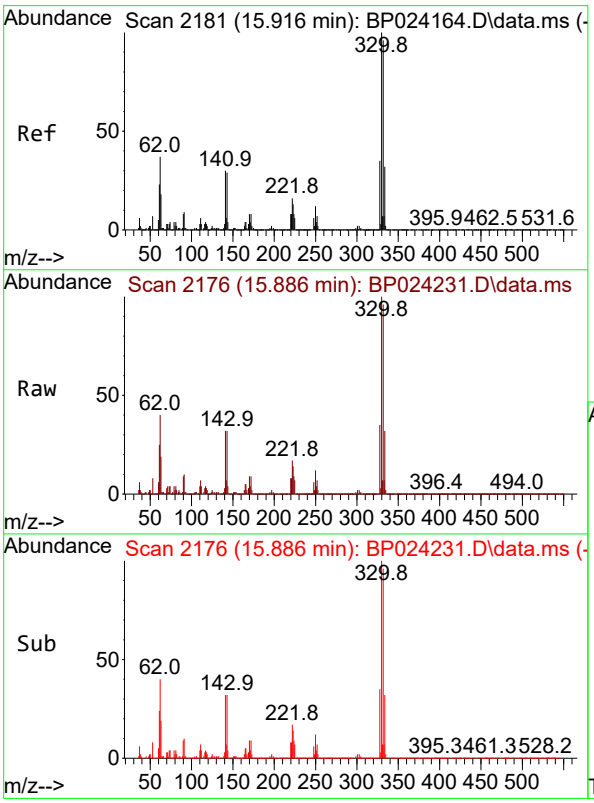
#41
Hexachlorocyclopentadiene
Concen: 175.238 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:237 Resp: 1255898

Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.8	81.8
272	13.9	0.0	33.5

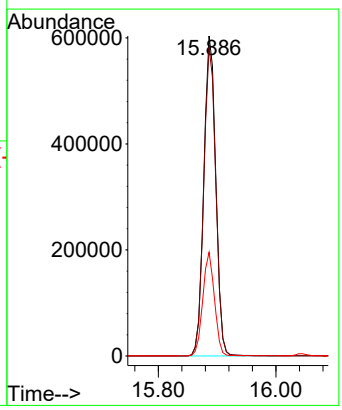


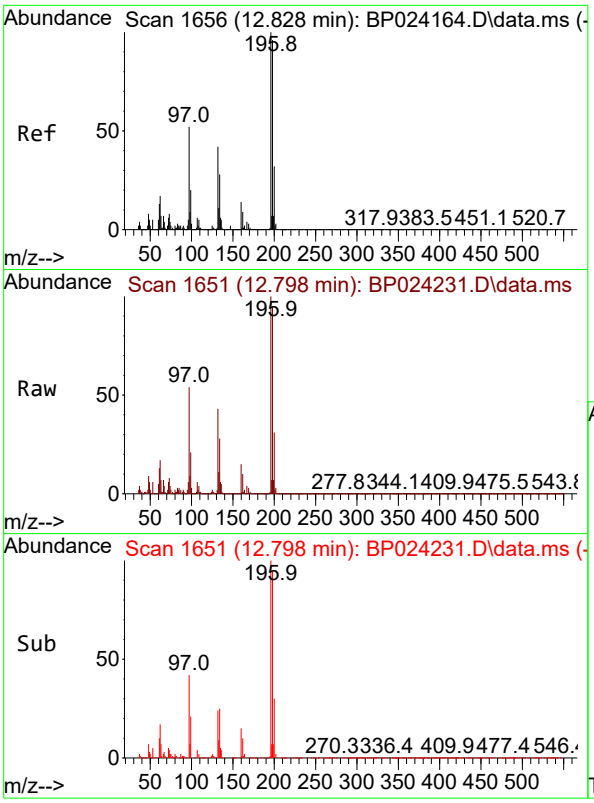


#42
2,4,6-Tribromophenol
Concen: 98.735 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:330 Resp: 855408

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	31.6	25.0	37.6



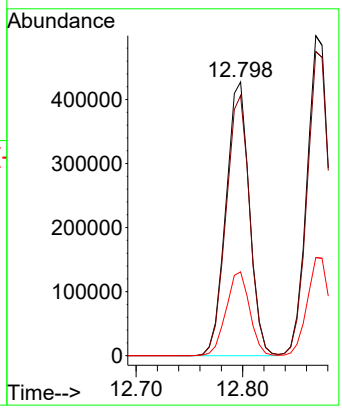


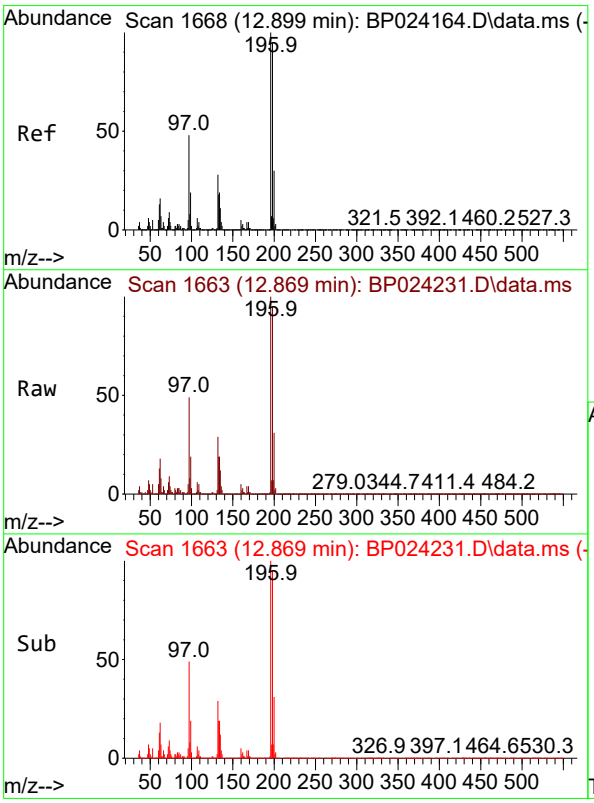
#43
2,4,6-Trichlorophenol
Concen: 51.757 ng
RT: 12.798 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:196 Resp: 653973

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.6	115.0
200	30.6	25.4	38.0

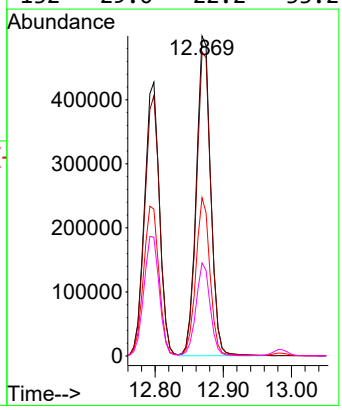


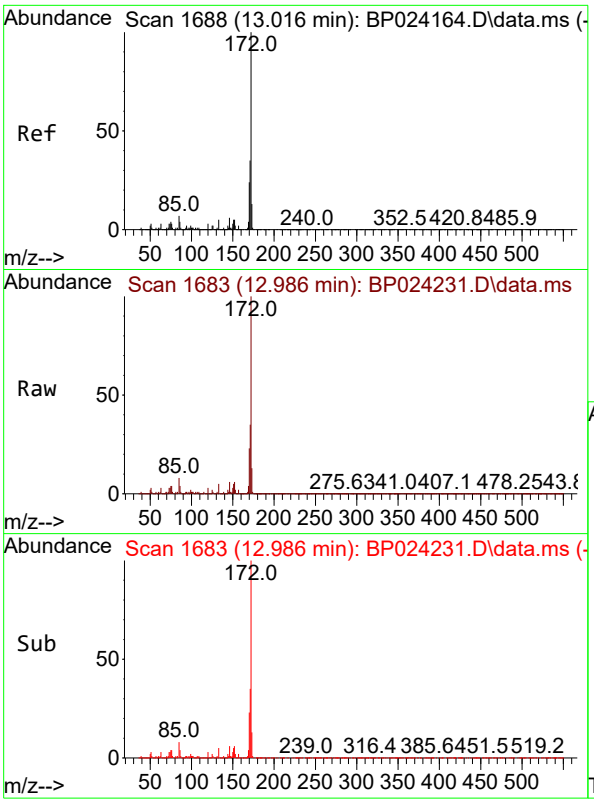


#44
2,4,5-Trichlorophenol
Concen: 52.830 ng
RT: 12.869 min Scan# 1663
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:196 Resp: 732067

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.5	114.7
97	49.5	38.7	58.1
132	29.0	22.2	33.2



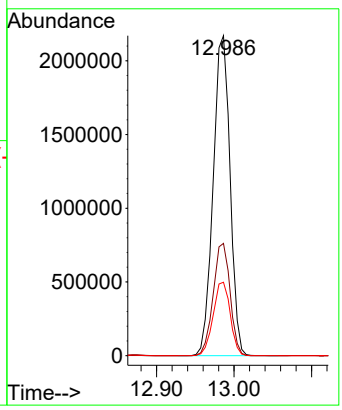


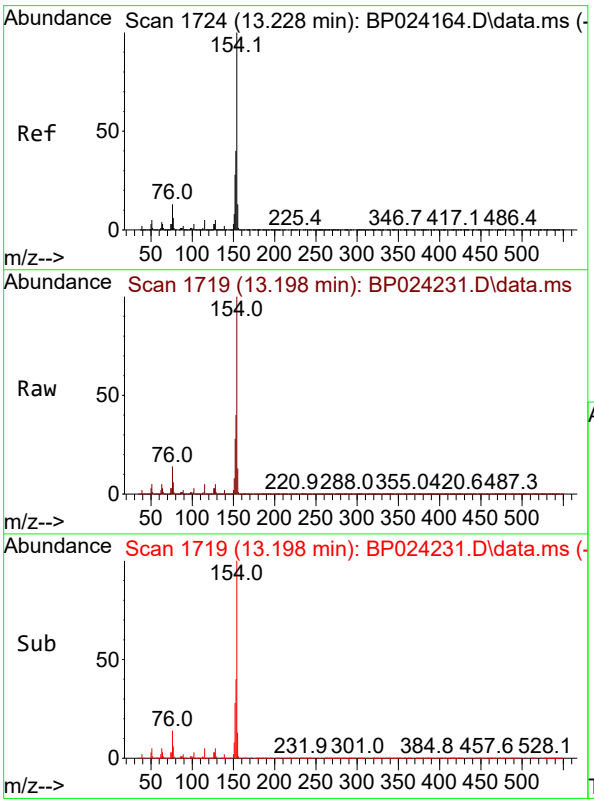
#45
2-Fluorobiphenyl
Concen: 70.324 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:172 Resp: 3280261

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.0	19.0	28.4

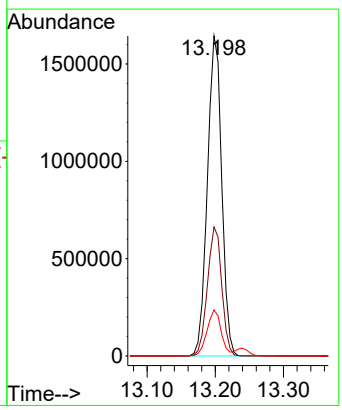


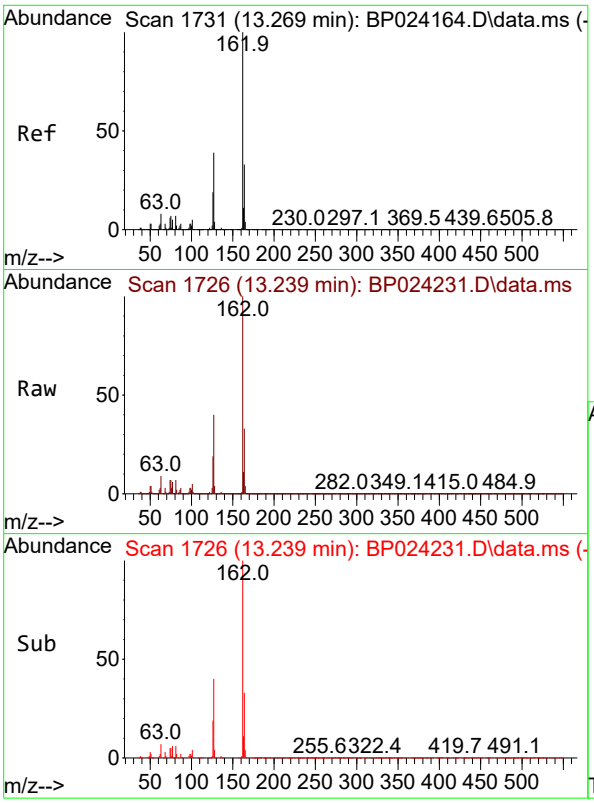


#46
1,1'-Biphenyl
Concen: 46.421 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:154 Resp: 2399237

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	14.4	0.0	32.9



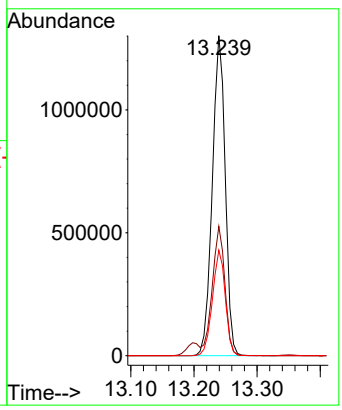


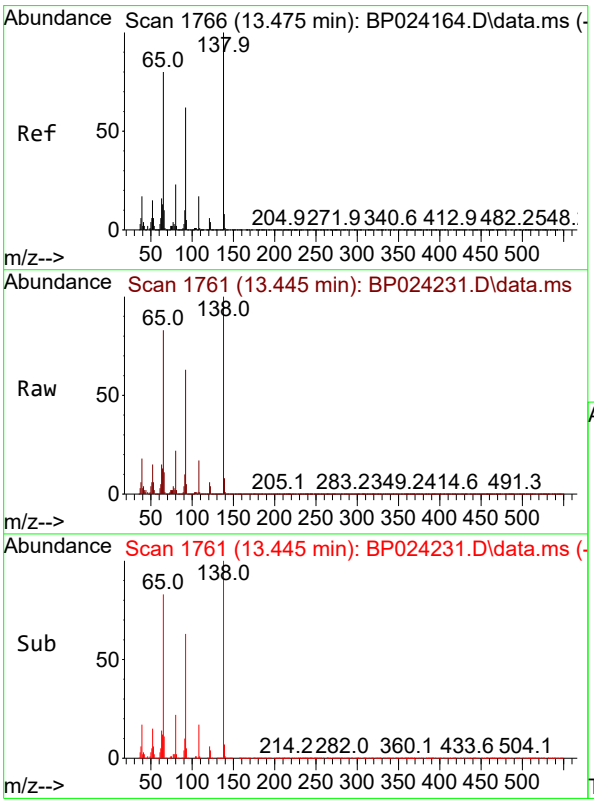
#47
2-Chloronaphthalene
Concen: 47.529 ng
RT: 13.239 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:162 Resp: 1847743

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.5	47.3
164	33.0	26.6	39.8

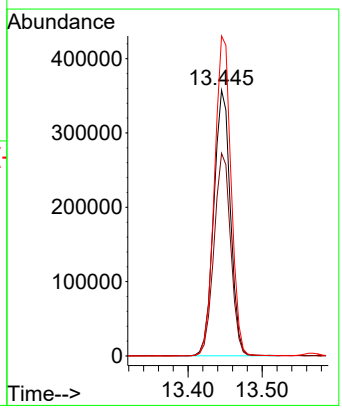


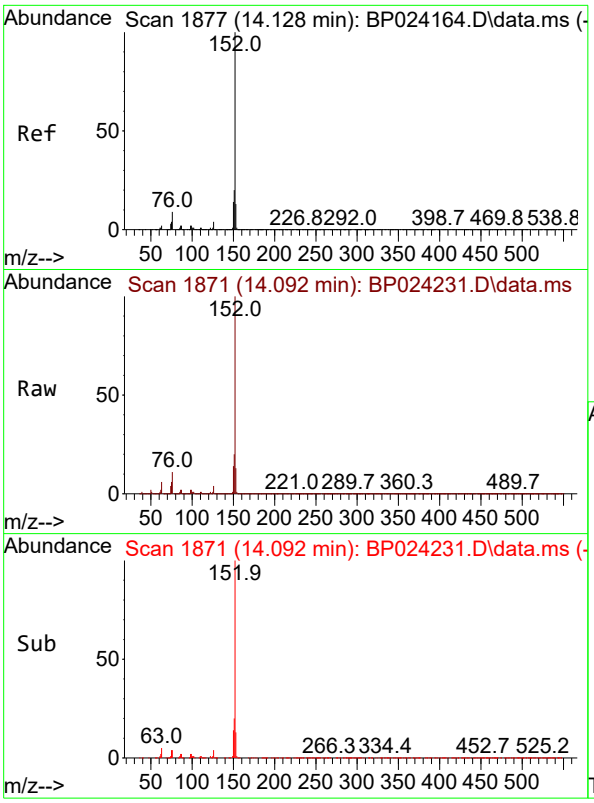


#48
2-Nitroaniline
Concen: 56.017 ng
RT: 13.445 min Scan# 1761
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion: 65 Resp: 556993

Ion	Ratio	Lower	Upper
65	100		
92	76.3	62.1	93.1
138	120.4	99.5	149.3



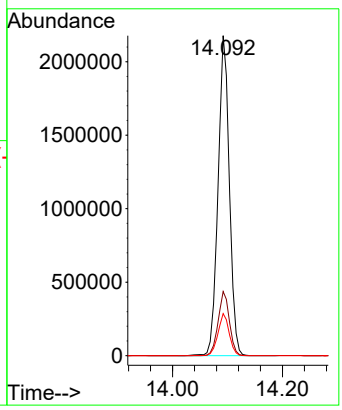


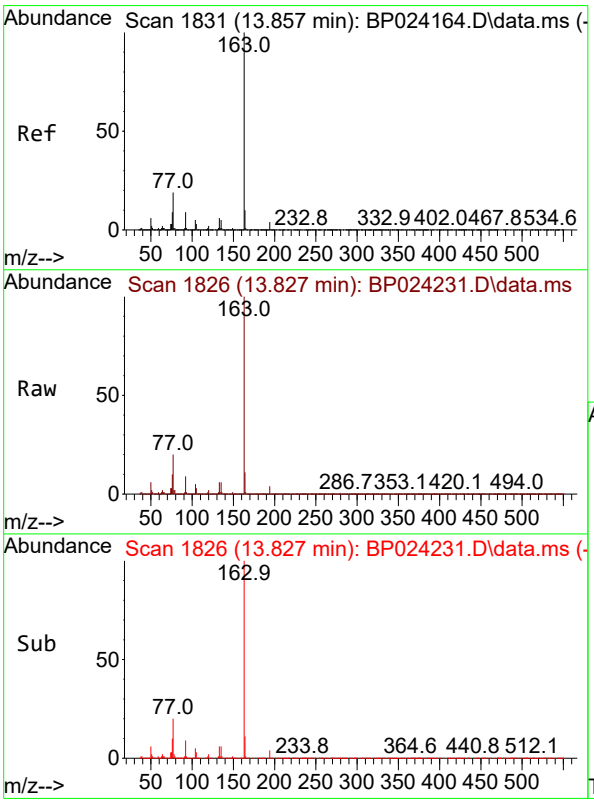
#49
Acenaphthylene
Concen: 52.765 ng
RT: 14.092 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:152 Resp: 3103808

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.6	15.8

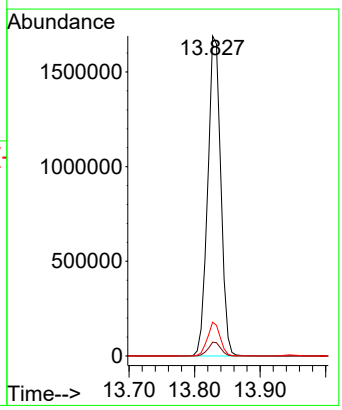


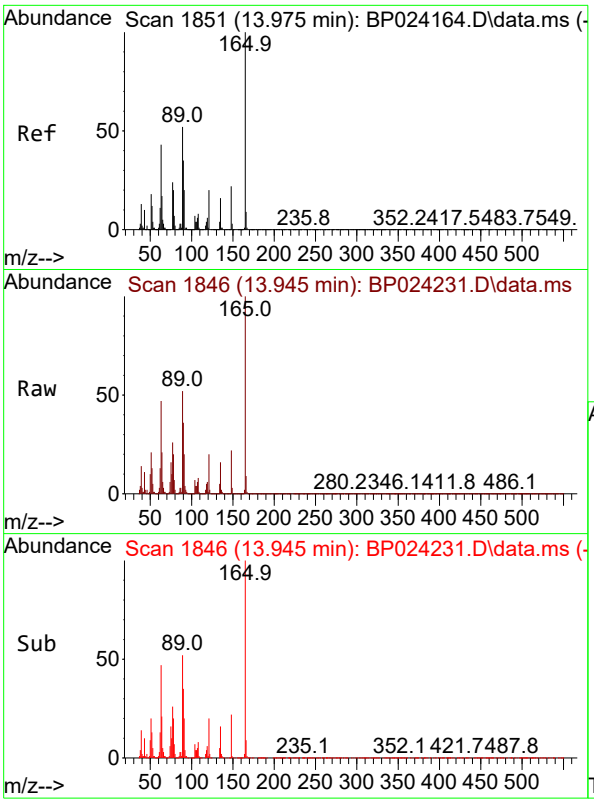


#50
Dimethylphthalate
Concen: 48.599 ng
RT: 13.827 min Scan# 1826
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:163 Resp: 2338909

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.6	8.2	12.4



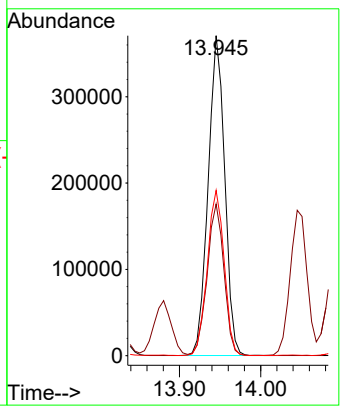


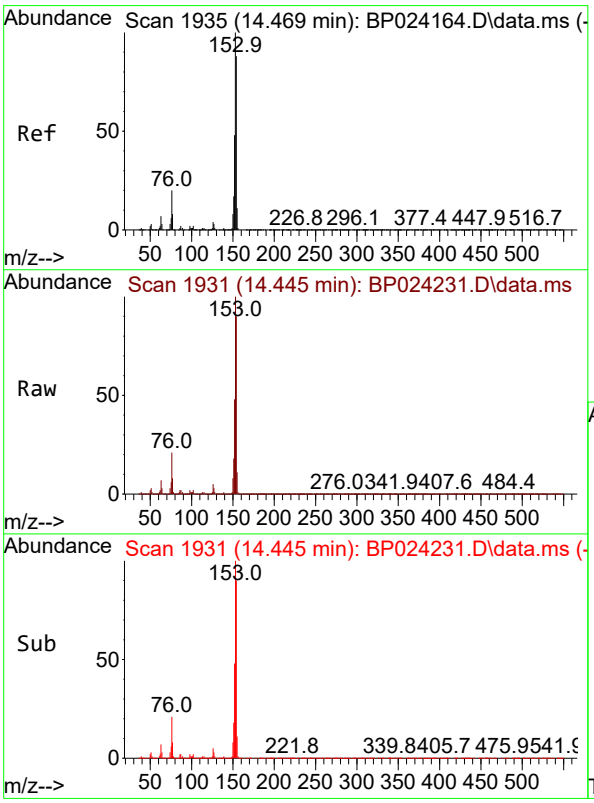
#51
2,6-Dinitrotoluene
Concen: 51.864 ng
RT: 13.945 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:165 Resp: 525176

Ion	Ratio	Lower	Upper
165	100		
63	47.4	37.7	56.5
89	51.6	41.9	62.9

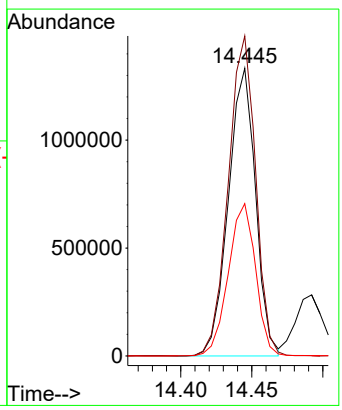


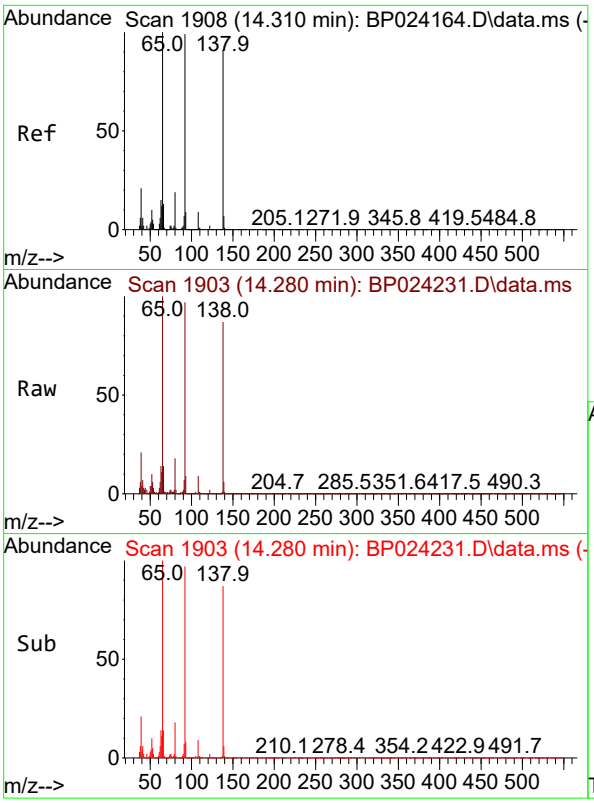


#52
Acenaphthene
Concen: 47.265 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:154 Resp: 1776413

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	52.9	43.1	64.7



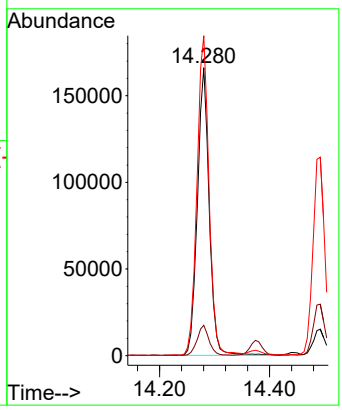


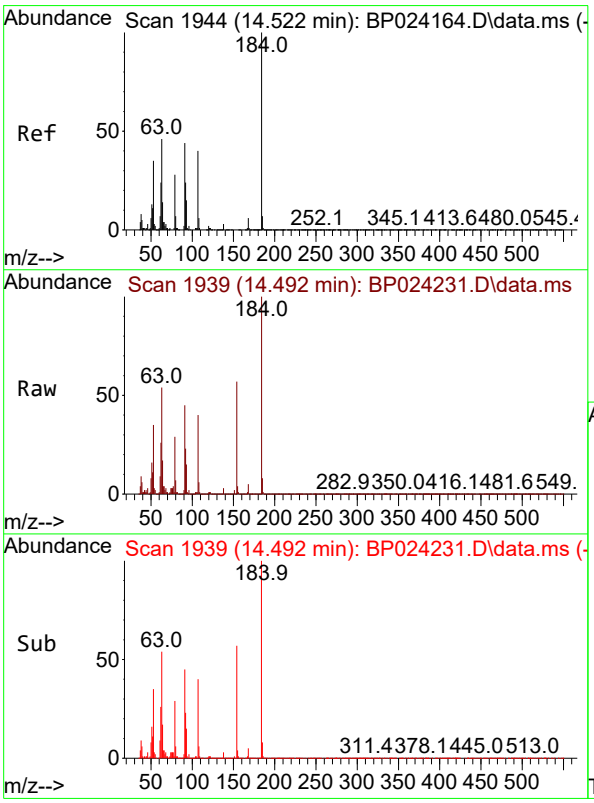
#53
3-Nitroaniline
Concen: 22.670 ng
RT: 14.280 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:138 Resp: 247933

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.2
92	111.1	86.7	130.1

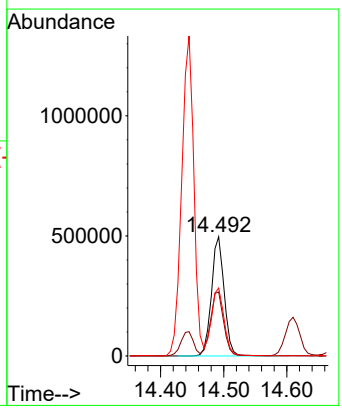


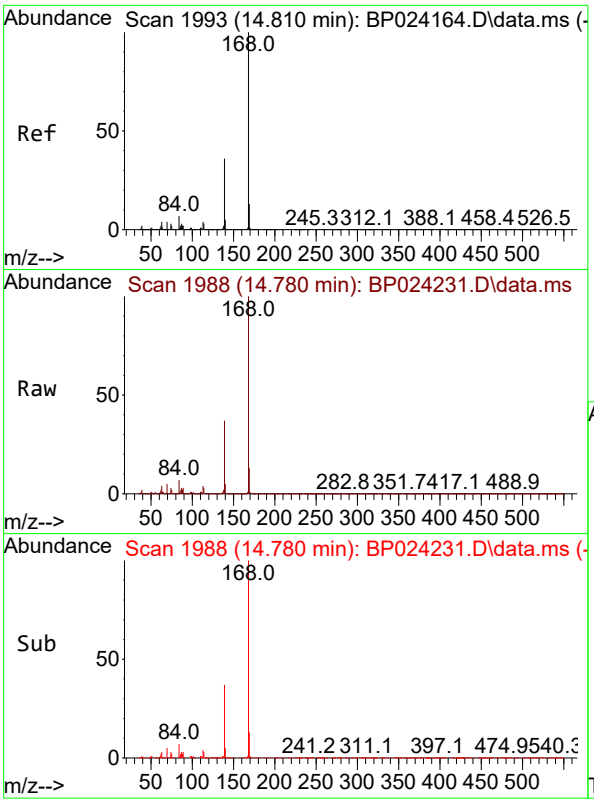


#54
2,4-Dinitrophenol
Concen: 129.477 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:184 Resp: 693735

Ion	Ratio	Lower	Upper
184	100		
63	53.7	42.1	63.1
154	57.0	44.6	67.0



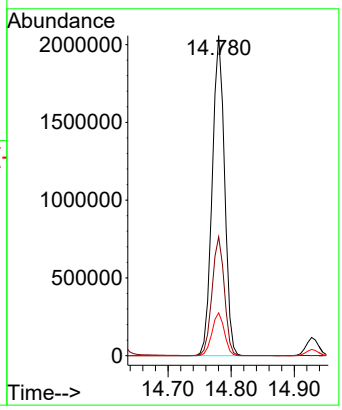


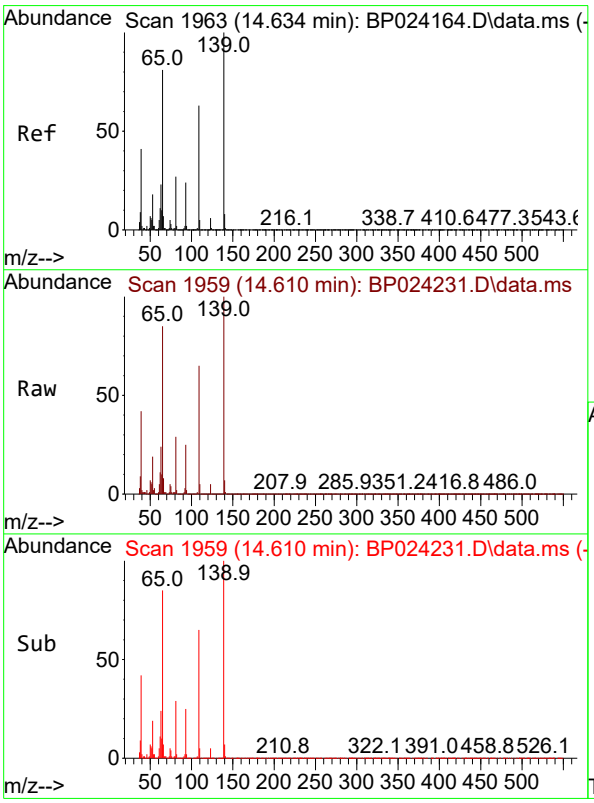
#55
Dibenzofuran
Concen: 45.685 ng
RT: 14.780 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:168 Resp: 2781282

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.1	43.7
169	13.4	10.8	16.2

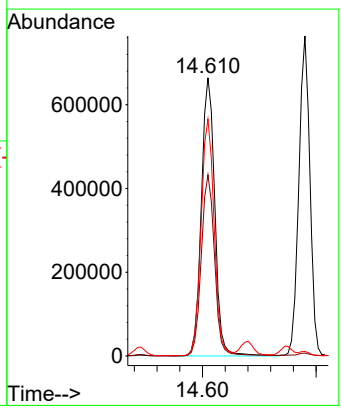


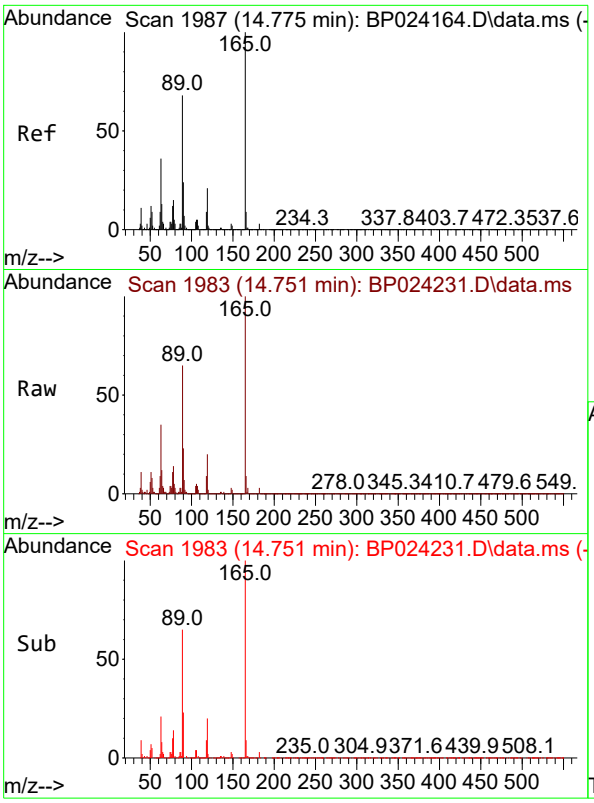


#56
4-Nitrophenol
Concen: 118.918 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:139 Resp: 1086728

Ion	Ratio	Lower	Upper
139	100		
109	65.1	43.3	83.3
65	85.1	61.2	101.2



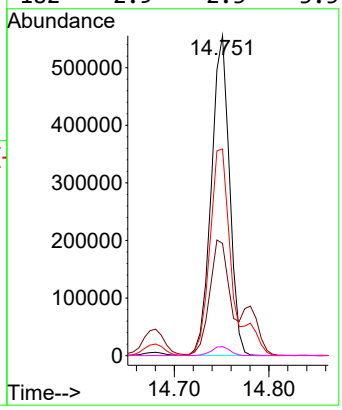


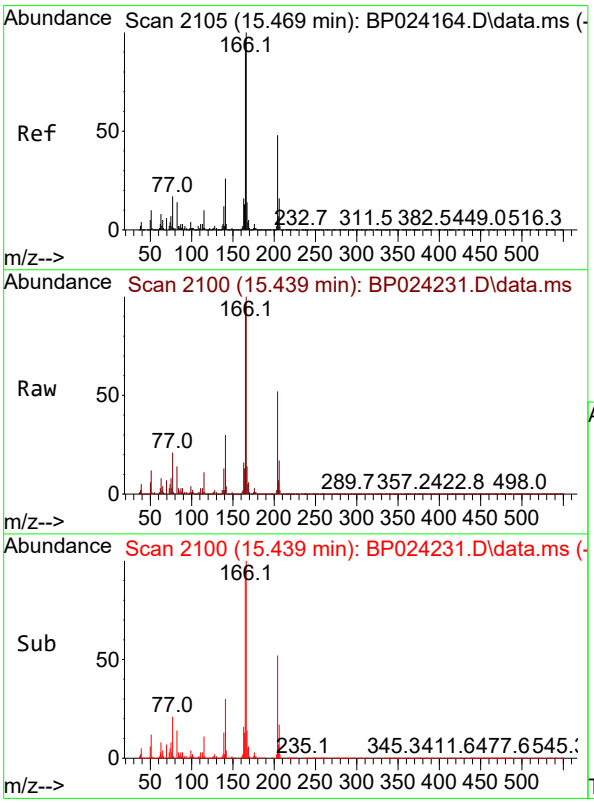
#57
2,4-Dinitrotoluene
Concen: 55.063 ng
RT: 14.751 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:165 Resp: 736493

Ion	Ratio	Lower	Upper
165	100		
63	35.1	29.0	43.6
89	64.6	54.2	81.4
182	2.9	2.3	3.5

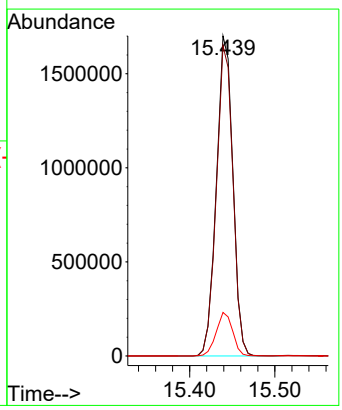


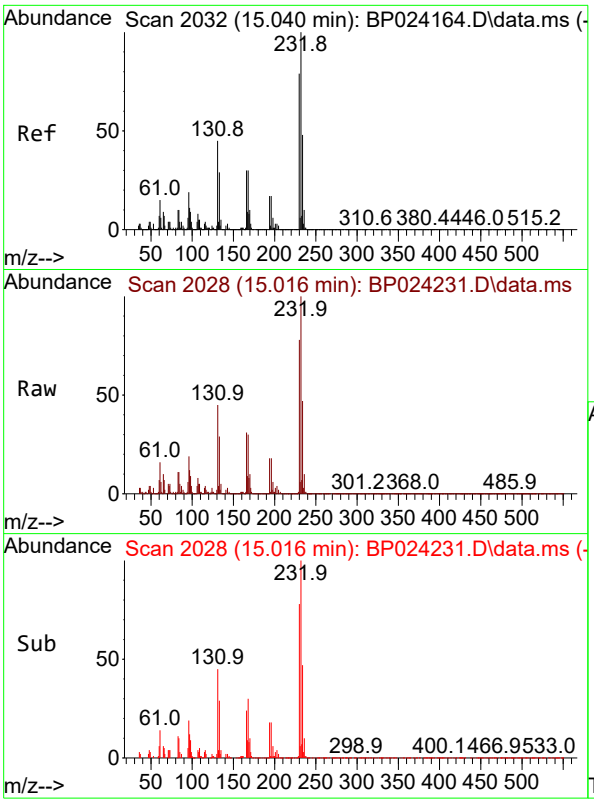


#58
Fluorene
Concen: 48.218 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:166 Resp: 2287142

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.6	116.4
167	13.6	10.8	16.2



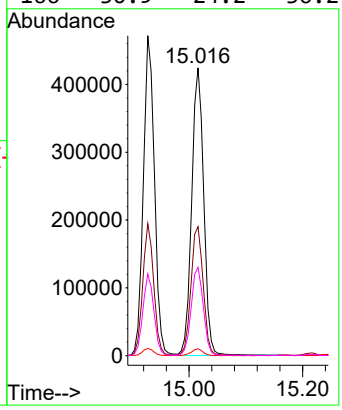


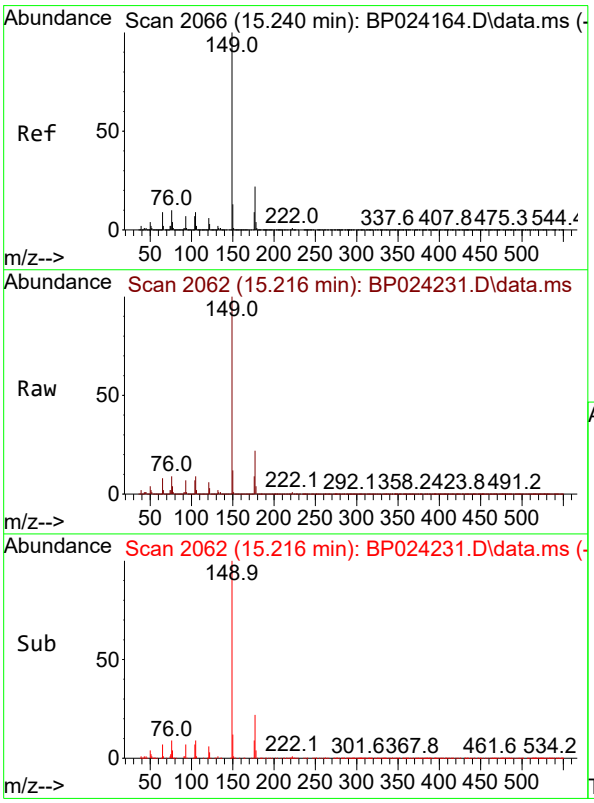
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.218 ng
RT: 15.016 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:232 Resp: 627051

Ion	Ratio	Lower	Upper
232	100		
131	45.2	35.9	53.9
130	2.4	1.8	2.6
166	30.9	24.2	36.2

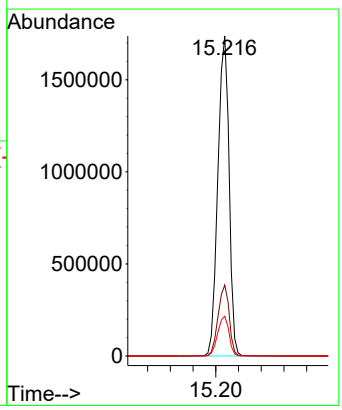


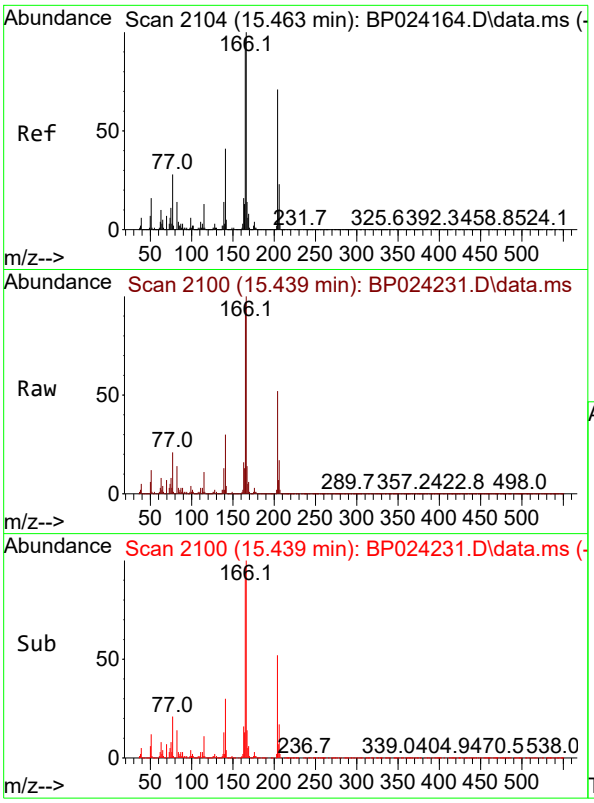


#60
Diethylphthalate
Concen: 49.558 ng
RT: 15.216 min Scan# 2062
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:149 Resp: 2375103

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.4	10.2	15.4



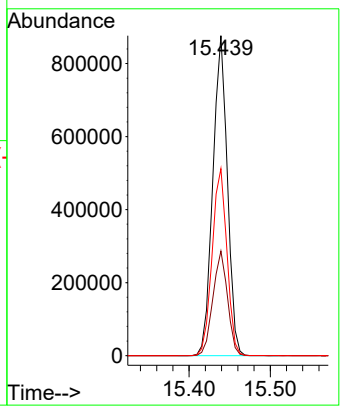


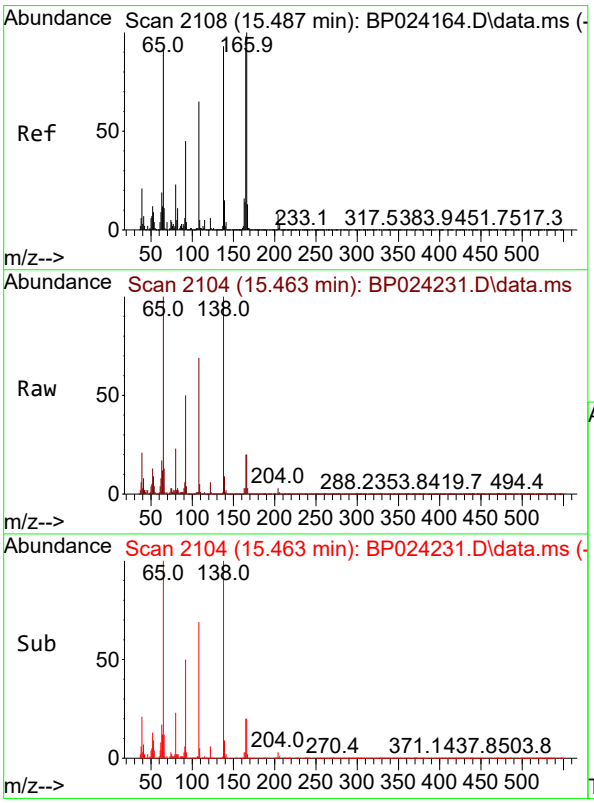
#61
4-Chlorophenyl-phenylether
Concen: 46.911 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:204 Resp: 1091368

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	58.4	45.8	68.8

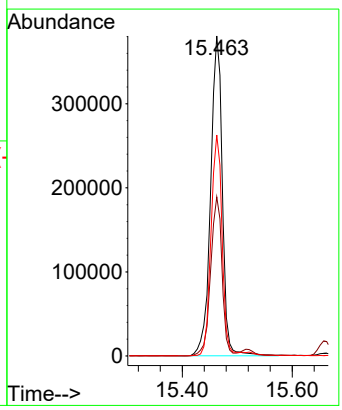


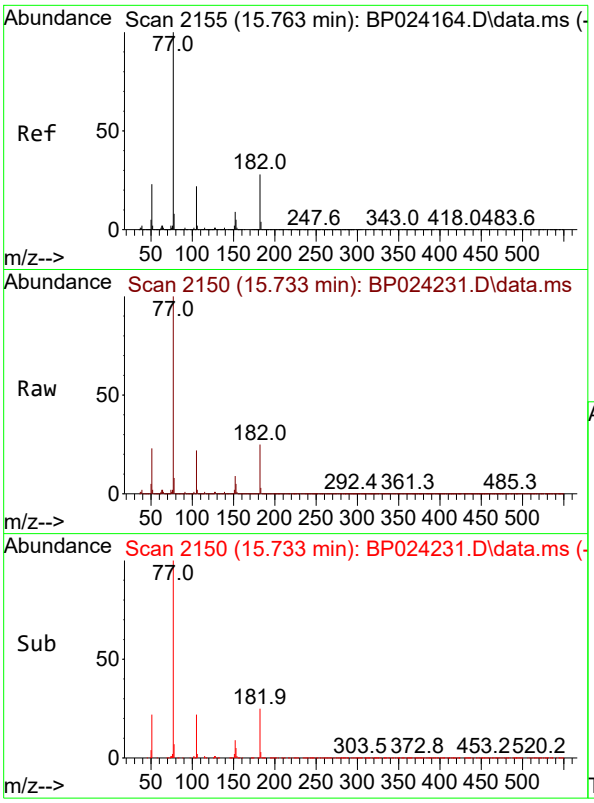


#62
4-Nitroaniline
Concen: 49.359 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:138 Resp: 566183

Ion	Ratio	Lower	Upper
138	100		
92	49.7	28.7	68.7
108	69.0	49.5	89.5



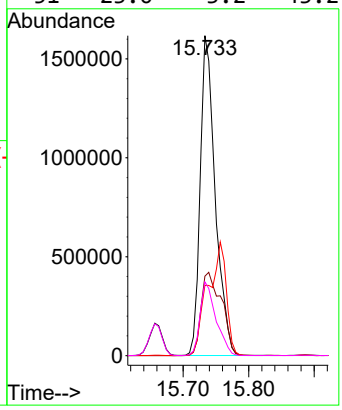


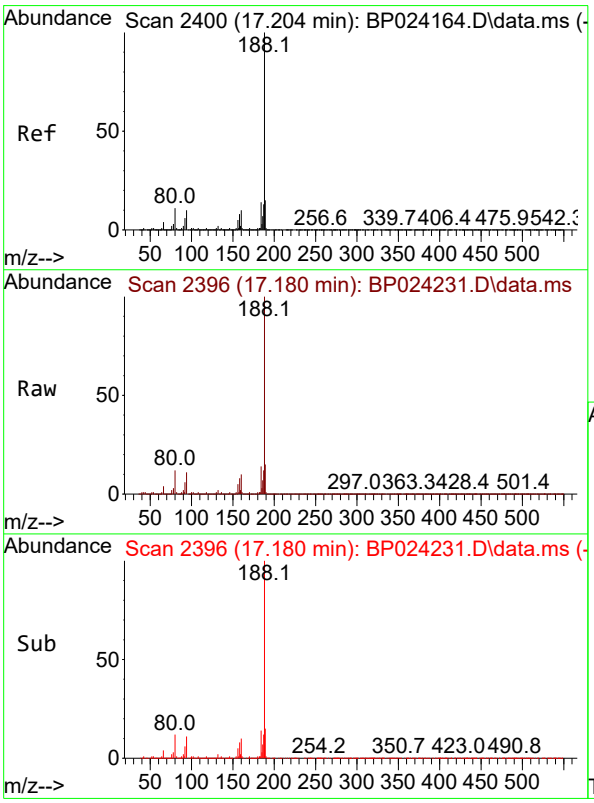
#63
Azobenzene
Concen: 57.354 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion: 77 Resp: 2590747

Ion	Ratio	Lower	Upper
77	100		
182	24.9	7.7	47.7
105	22.0	2.3	42.3
51	23.0	3.2	43.2

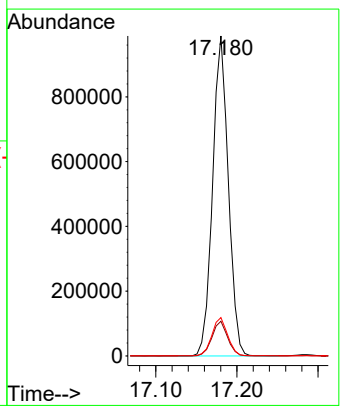


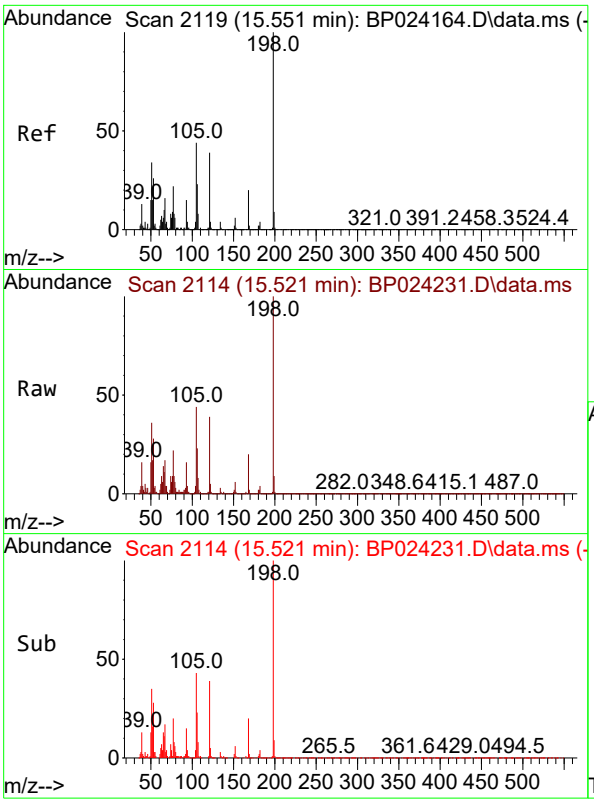


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:188 Resp: 1328842

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.1	12.1
80	12.0	8.9	13.3



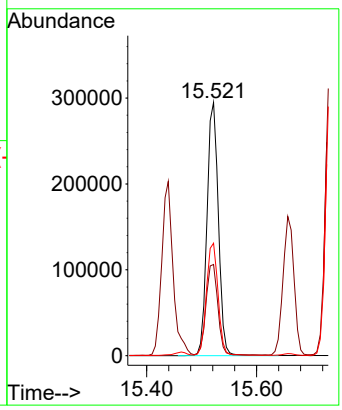


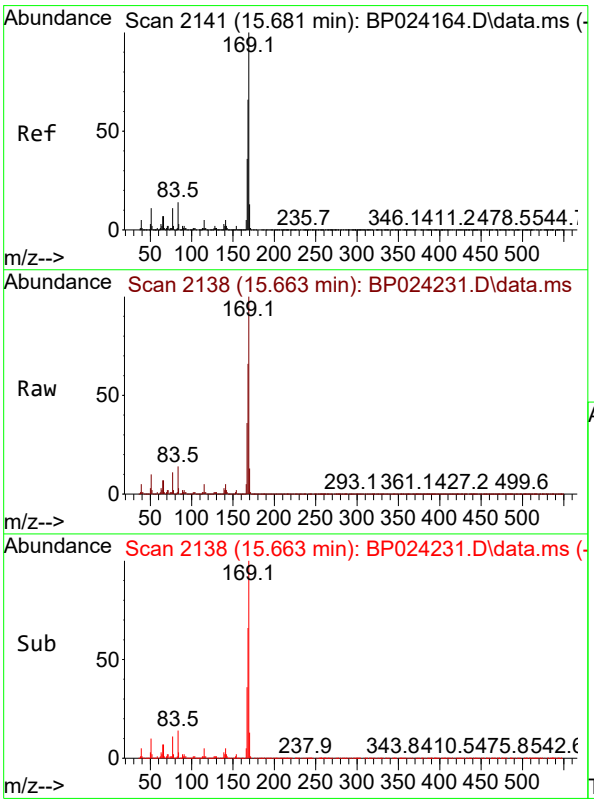
#65
4,6-Dinitro-2-methylphenol
Concen: 53.333 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:198 Resp: 420734

Ion	Ratio	Lower	Upper
198	100		
51	36.0	14.7	54.7
105	44.4	23.8	63.8

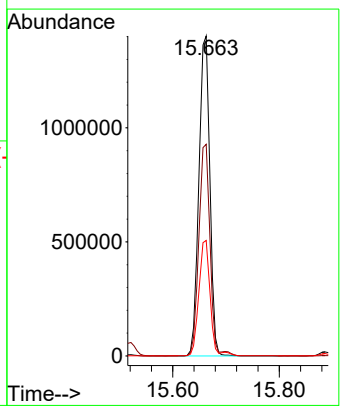


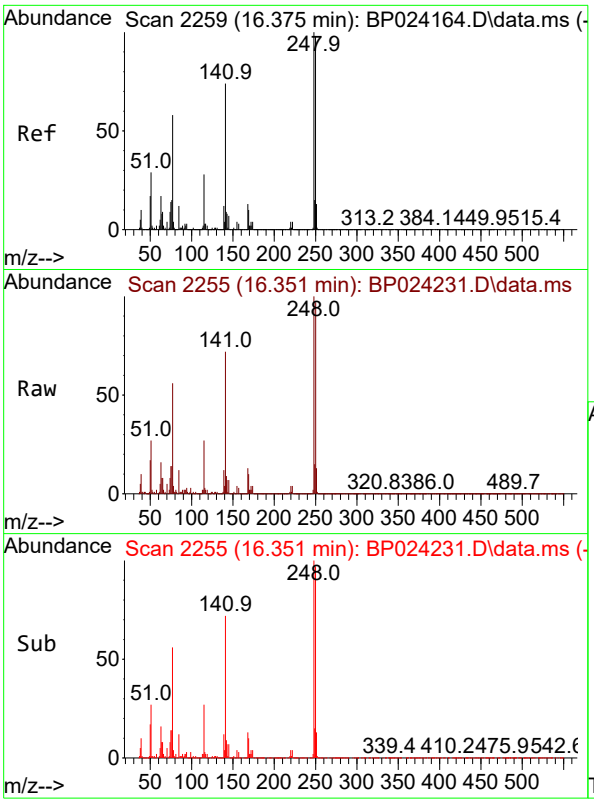


#66
n-Nitrosodiphenylamine
Concen: 49.438 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:169 Resp: 1994927

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.9	79.3
167	36.1	28.8	43.2



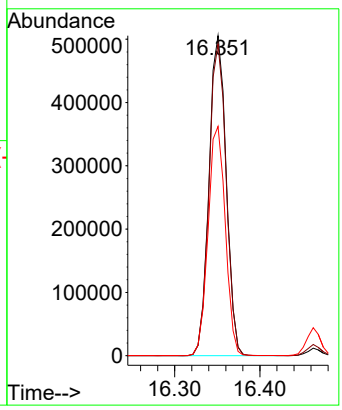


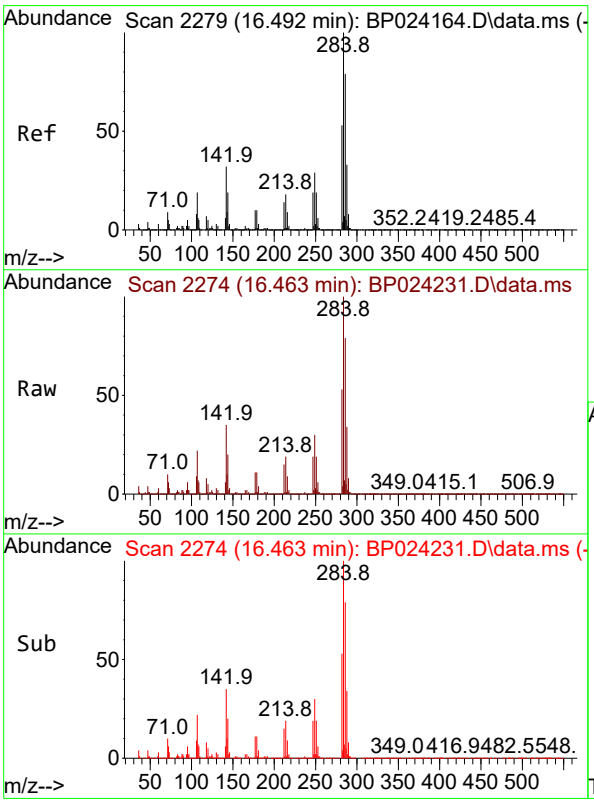
#67
4-Bromophenyl-phenylether
Concen: 48.702 ng
RT: 16.351 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:248 Resp: 710539

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.4	117.6
141	71.6	59.4	89.0

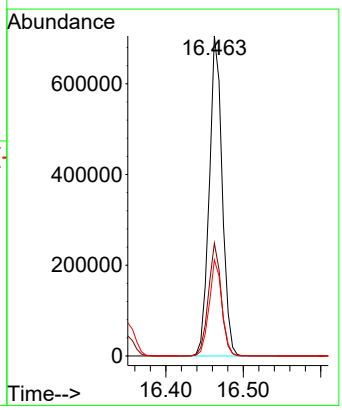


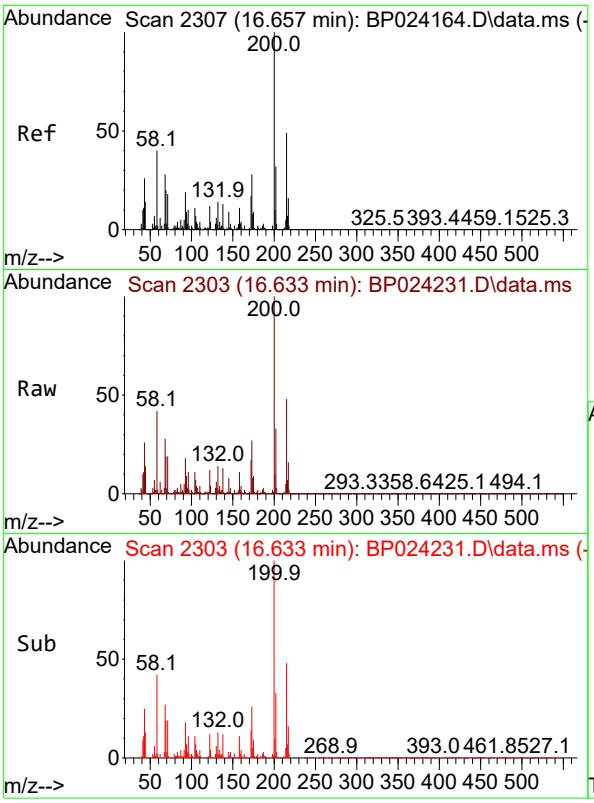


#68
Hexachlorobenzene
Concen: 47.309 ng
RT: 16.463 min Scan# 2274
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:284 Resp: 816929

Ion	Ratio	Lower	Upper
284	100		
142	35.3	25.4	38.2
249	30.0	23.5	35.3



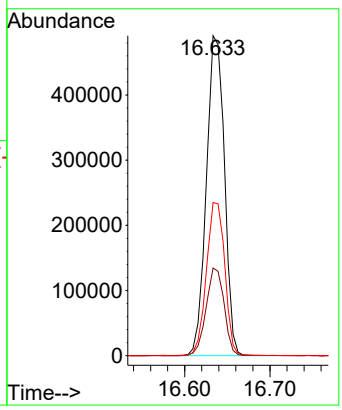


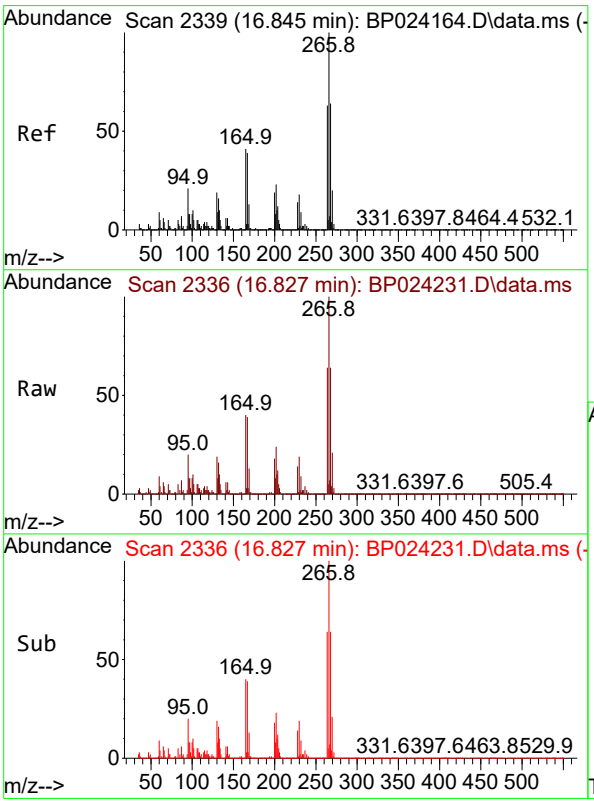
#69
Atrazine
Concen: 74.247 ng
RT: 16.633 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:200 Resp: 723151

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.6	47.6
215	47.9	29.0	69.0

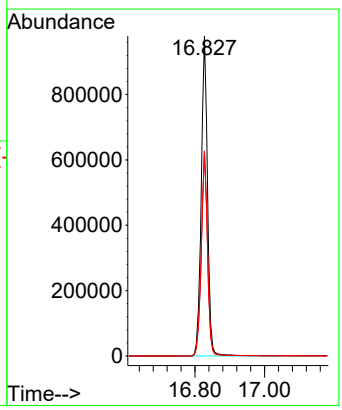


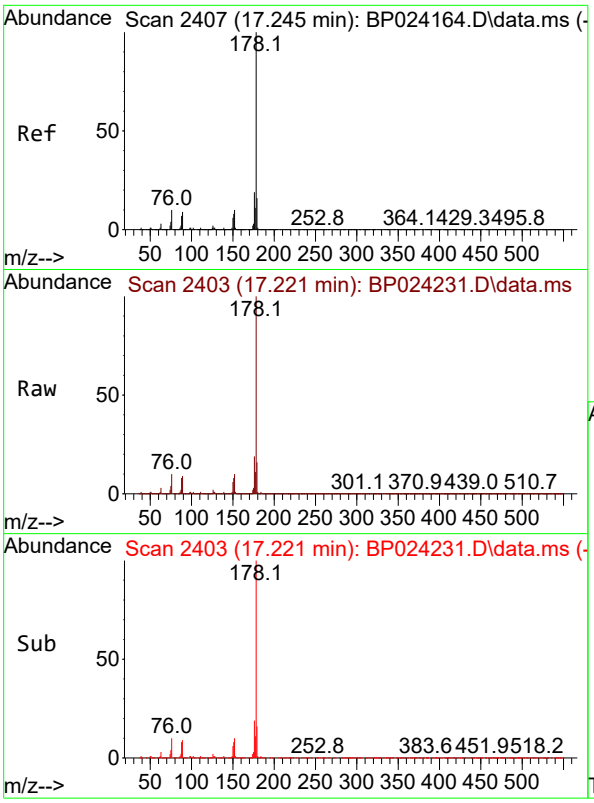


#70
Pentachlorophenol
Concen: 110.257 ng
RT: 16.827 min Scan# 2336
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:266 Resp: 1231248

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	63.9	50.6	76.0



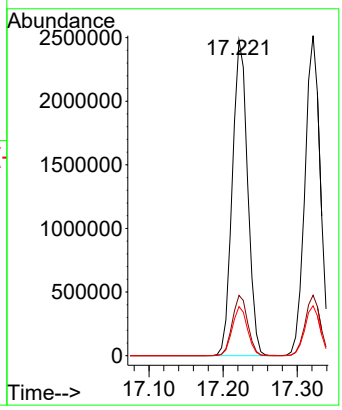


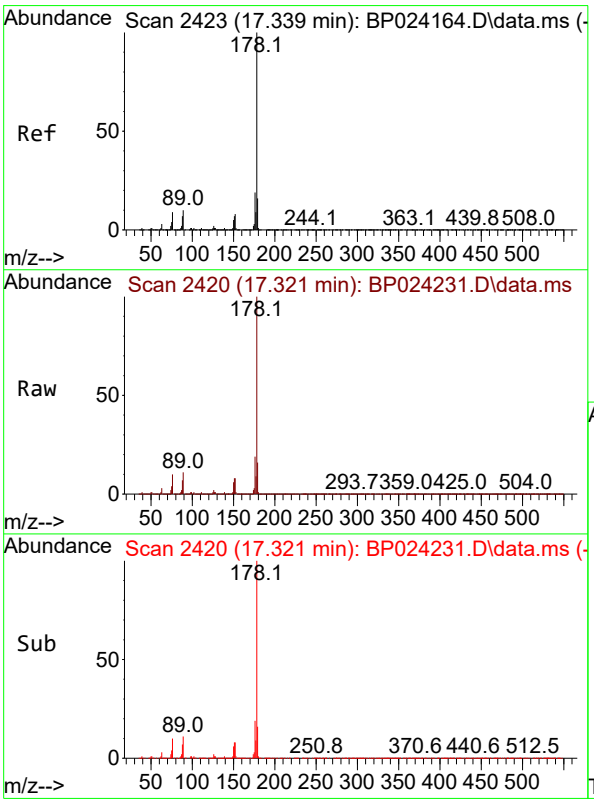
#71
Phenanthrene
Concen: 48.996 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:178 Resp: 3556819

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.6	12.5	18.7

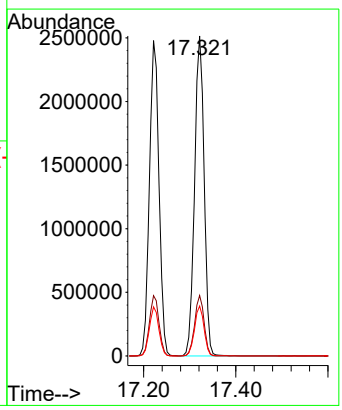


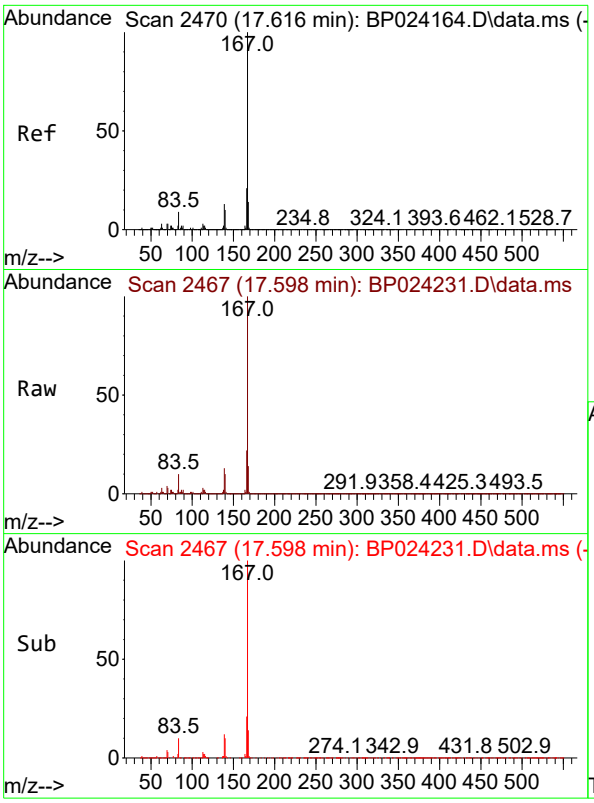


#72
Anthracene
Concen: 51.168 ng
RT: 17.321 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:178 Resp: 3617810

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.6	12.6	18.8



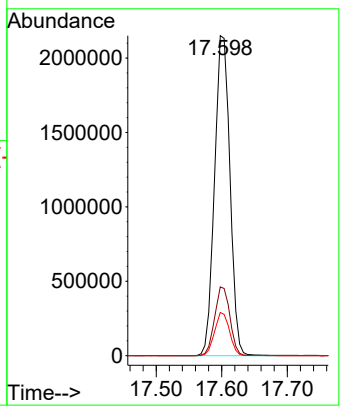


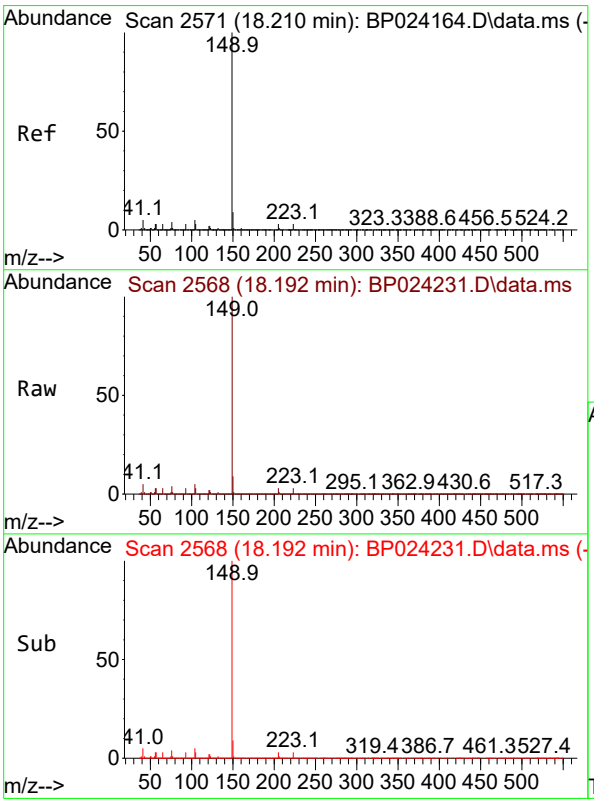
#73
Carbazole
Concen: 51.267 ng
RT: 17.598 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:167 Resp: 3495657

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.5	10.2	15.4

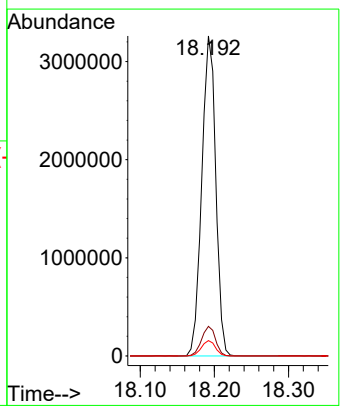


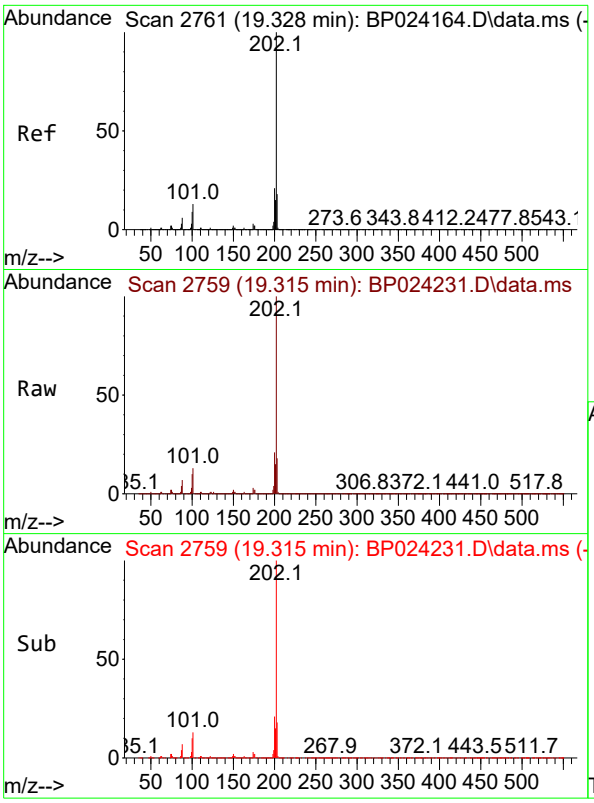


#74
Di-n-butylphthalate
Concen: 52.702 ng
RT: 18.192 min Scan# 2568
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:149 Resp: 4265840

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.8	3.9	5.9



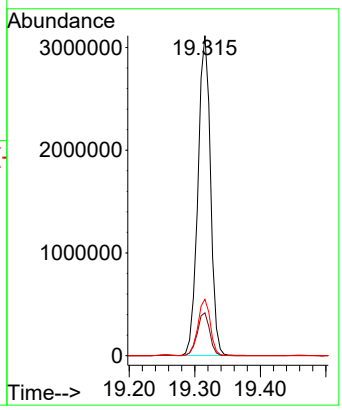


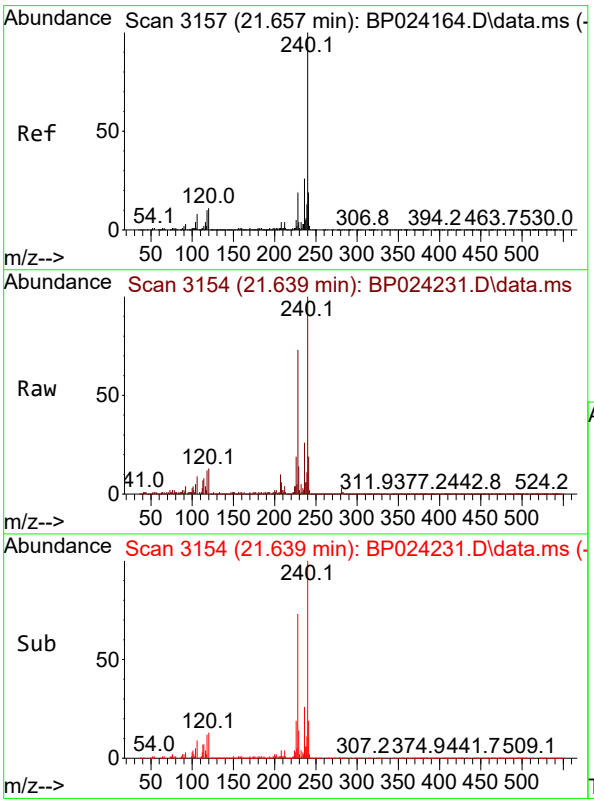
#75
Fluoranthene
Concen: 49.309 ng
RT: 19.315 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:202 Resp: 4145716

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.5
203	17.6	0.0	37.9

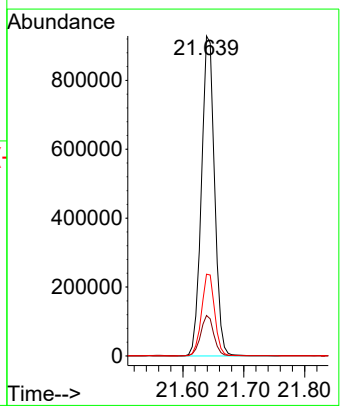


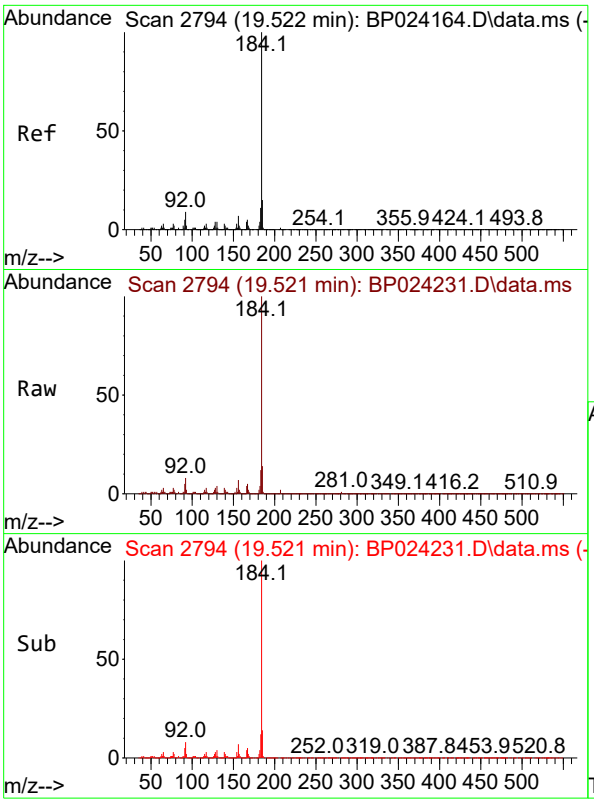


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:240 Resp: 1384500

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.2	13.8
236	25.6	20.4	30.6



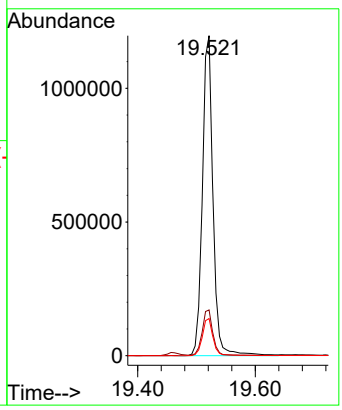


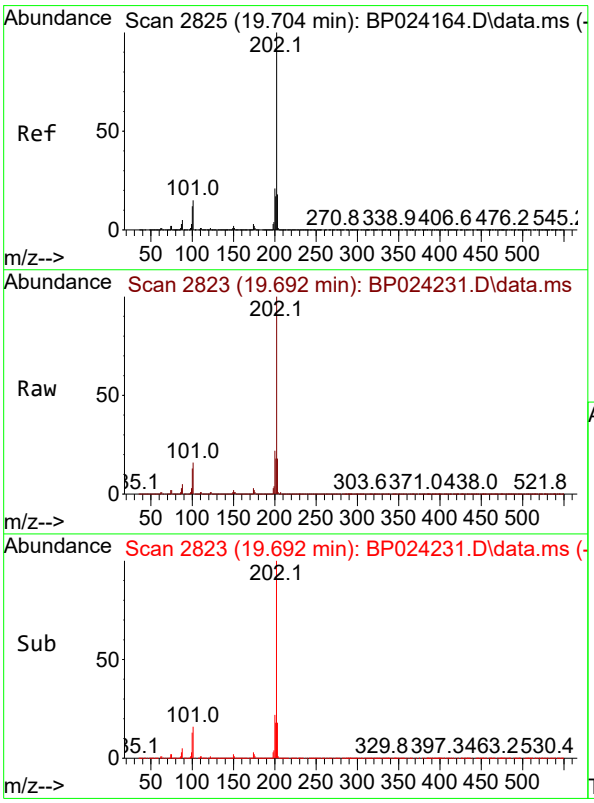
#77
Benzidine
Concen: 98.674 ng
RT: 19.521 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:184 Resp: 1493656

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	11.6	9.1	13.7

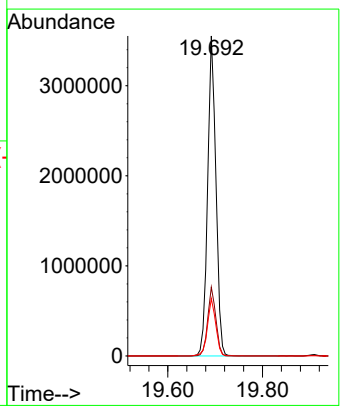


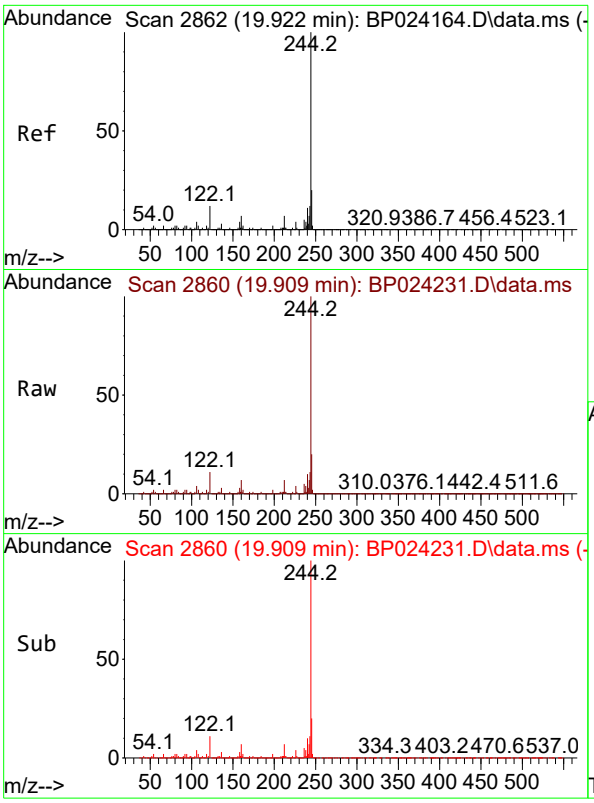


#78
Pyrene
Concen: 50.053 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:202 Resp: 4308248

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	17.9	14.2	21.4



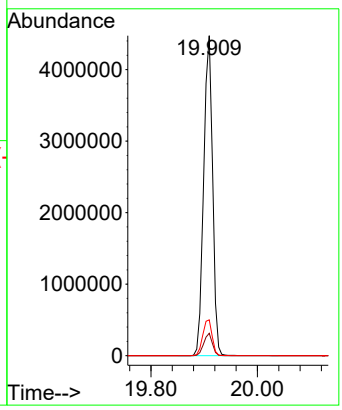


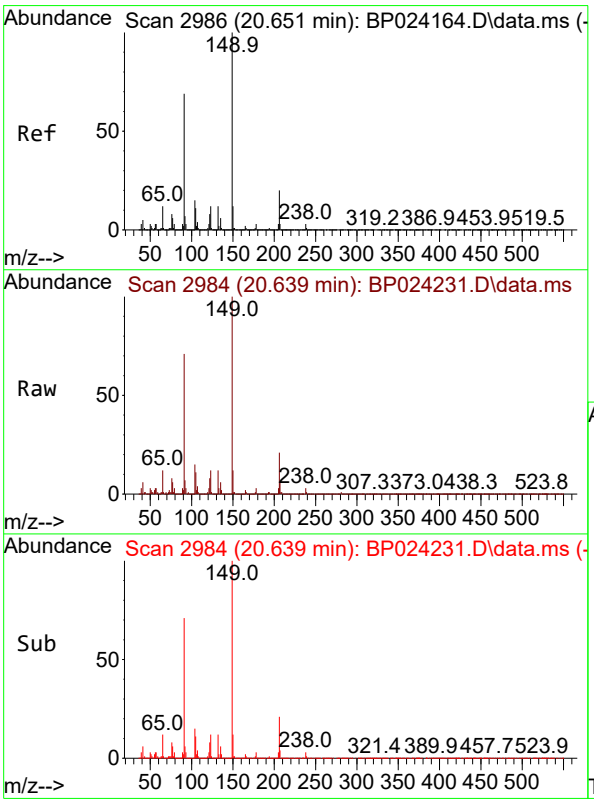
#79
Terphenyl-d14
Concen: 77.337 ng
RT: 19.909 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:244 Resp: 5187087

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.2	9.6	14.4

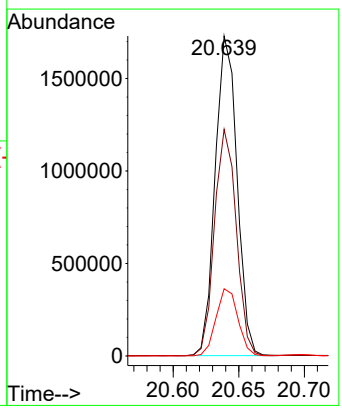


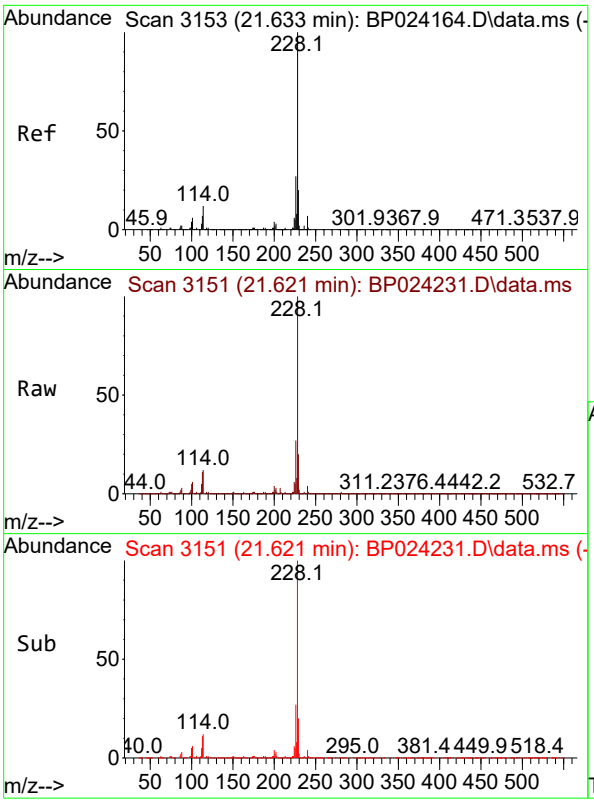


#80
Butylbenzylphthalate
Concen: 56.426 ng
RT: 20.639 min Scan# 2984
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:149 Resp: 2002861

Ion	Ratio	Lower	Upper
149	100		
91	70.8	55.3	82.9
206	21.0	16.1	24.1



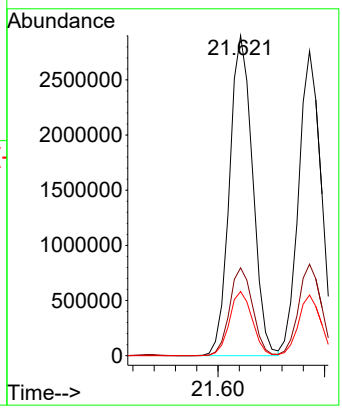


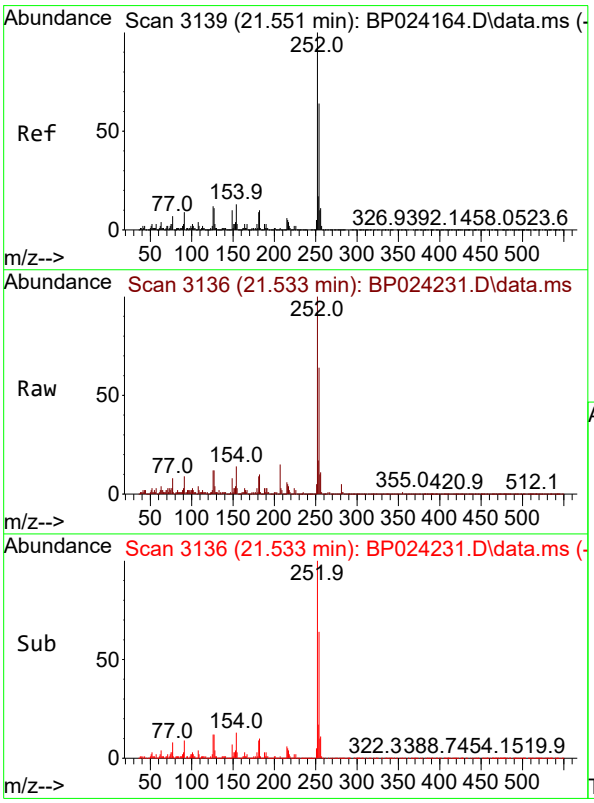
#81
Benzo(a)anthracene
Concen: 50.773 ng
RT: 21.621 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:228 Resp: 4370438

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	20.1	16.0	24.0

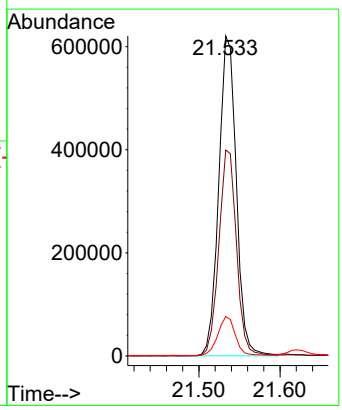


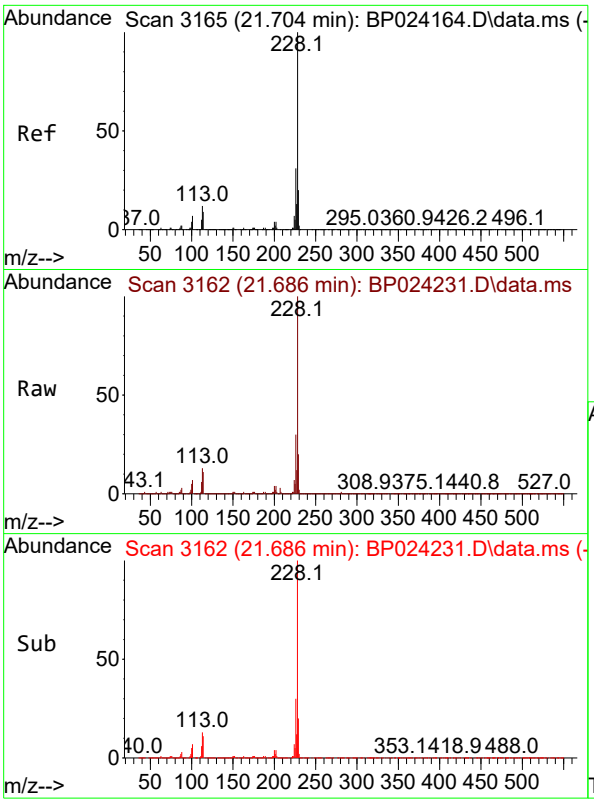


#82
3,3'-Dichlorobenzidine
Concen: 32.354 ng
RT: 21.533 min Scan# 3136
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:252 Resp: 933391

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	12.3	9.3	13.9



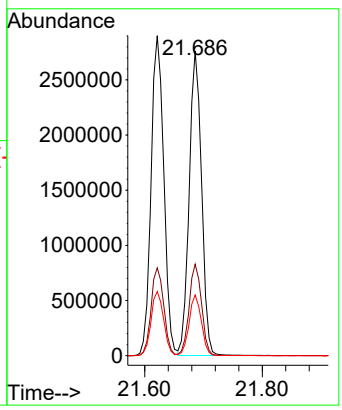


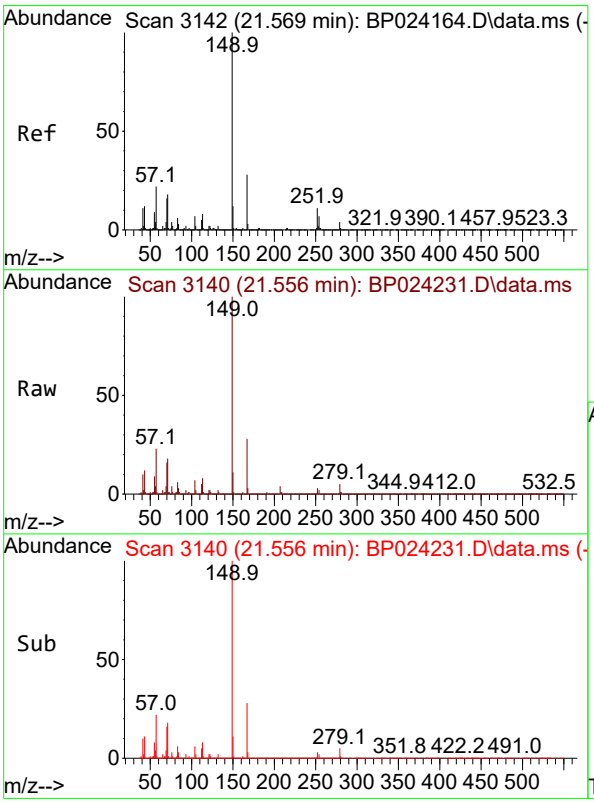
#83
Chrysene
Concen: 48.783 ng
RT: 21.686 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:228 Resp: 4036729

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	19.9	16.2	24.2

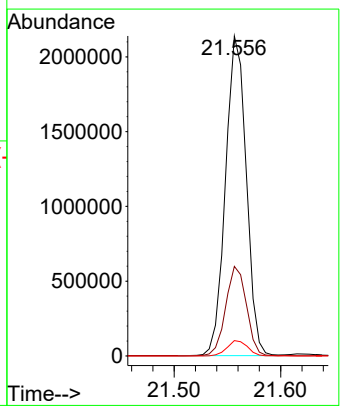


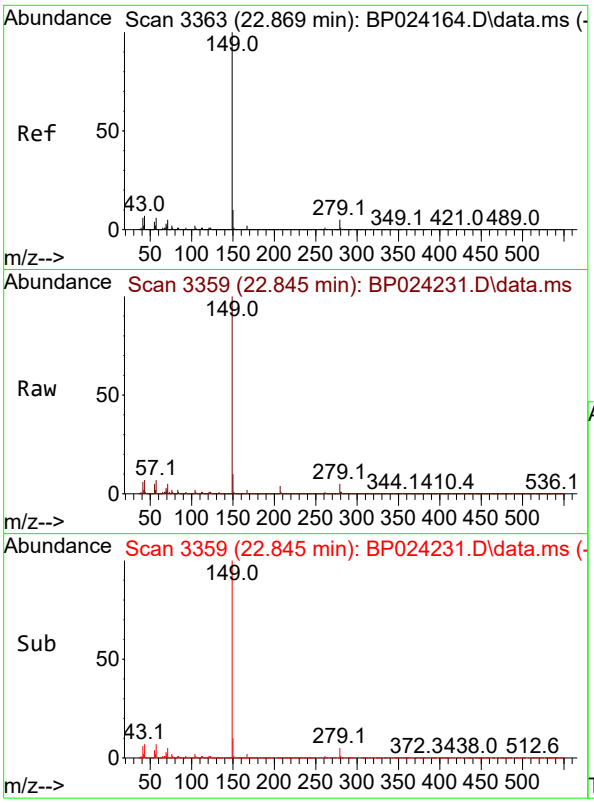


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.971 ng
RT: 21.556 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:149 Resp: 2890618

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	4.8	3.6	5.4



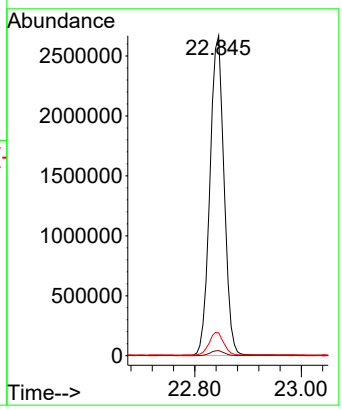


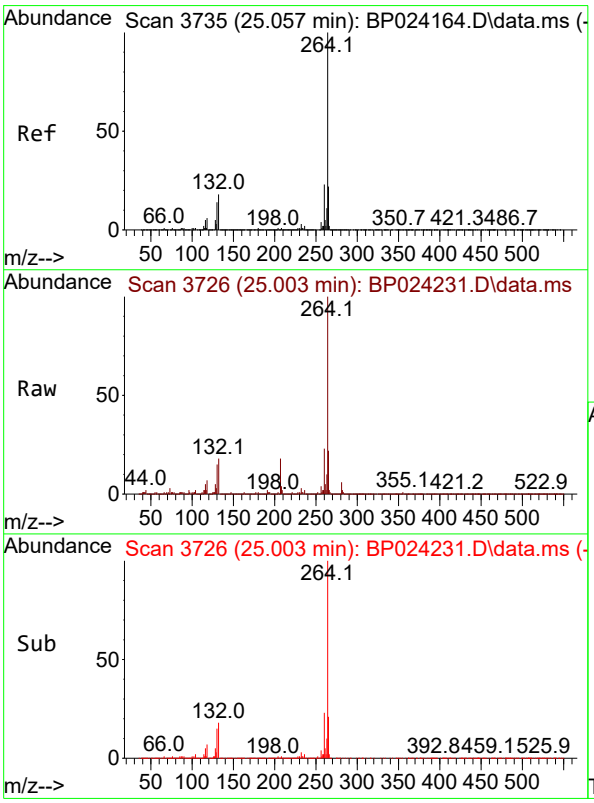
#85
Di-n-octyl phthalate
Concen: 57.344 ng
RT: 22.845 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:149 Resp: 4920837

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

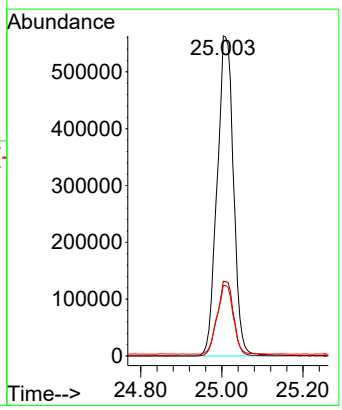


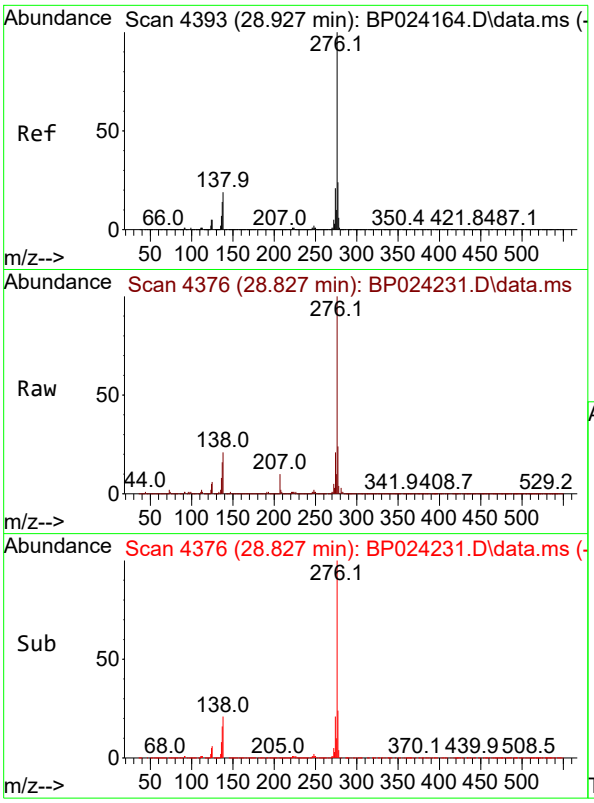


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3726
Delta R.T. -0.053 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:264 Resp: 1577239

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.0	17.7	26.5



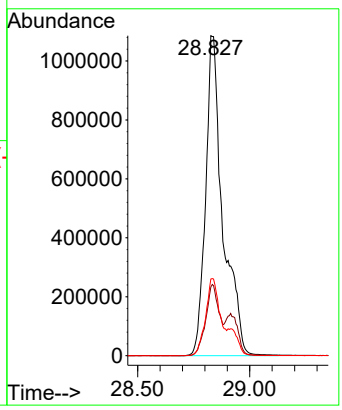


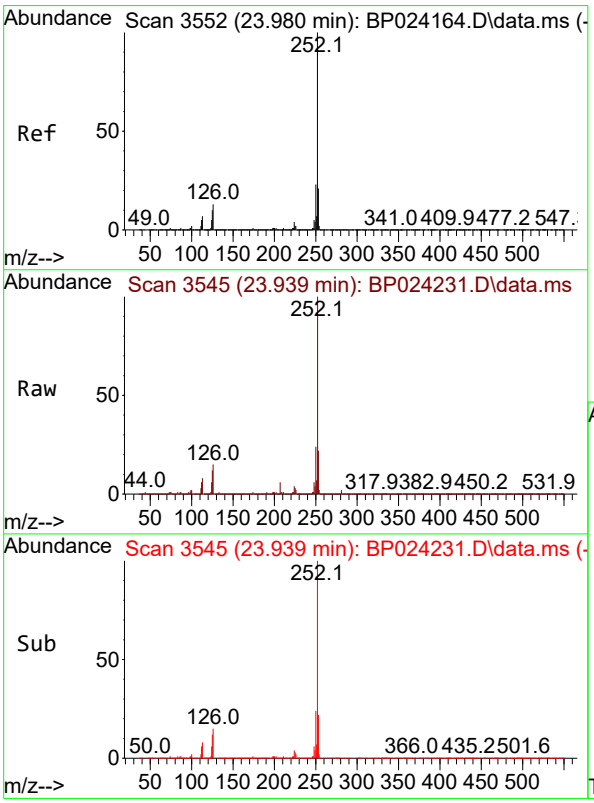
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.655 ng
RT: 28.827 min Scan# 4
Delta R.T. -0.100 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:276 Resp: 5796219

Ion	Ratio	Lower	Upper
276	100		
138	17.2	13.7	20.5
277	20.3	20.2	30.2

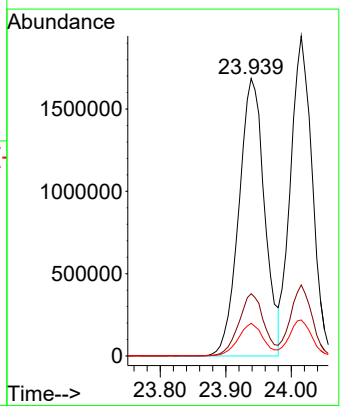


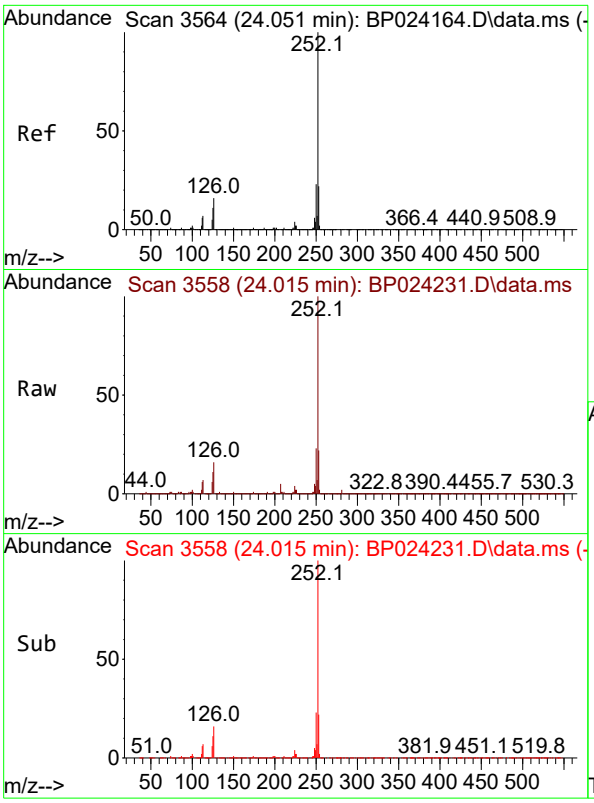


#88
Benzo(b)fluoranthene
Concen: 48.307 ng
RT: 23.939 min Scan# 3545
Delta R.T. -0.042 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:252 Resp: 4593867

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.7	8.2	12.4



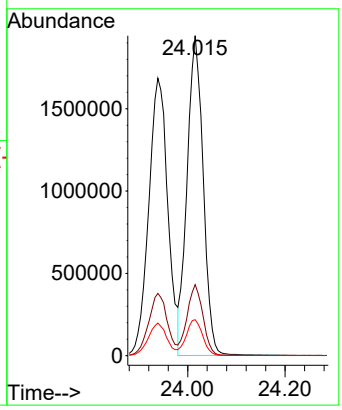


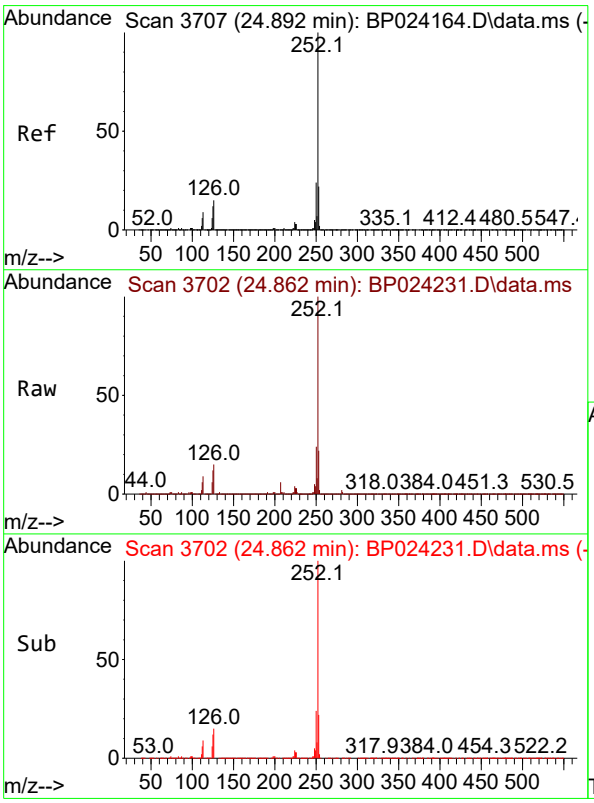
#89
Benzo(k)fluoranthene
Concen: 47.849 ng
RT: 24.015 min Scan# 3
Delta R.T. -0.036 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:252 Resp: 4451059

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.2	9.1	13.7

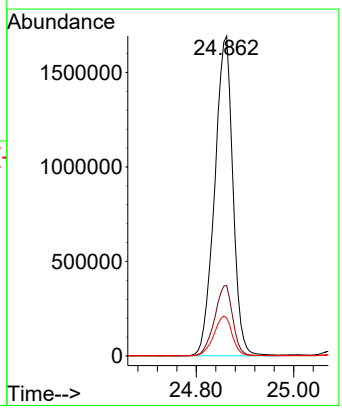


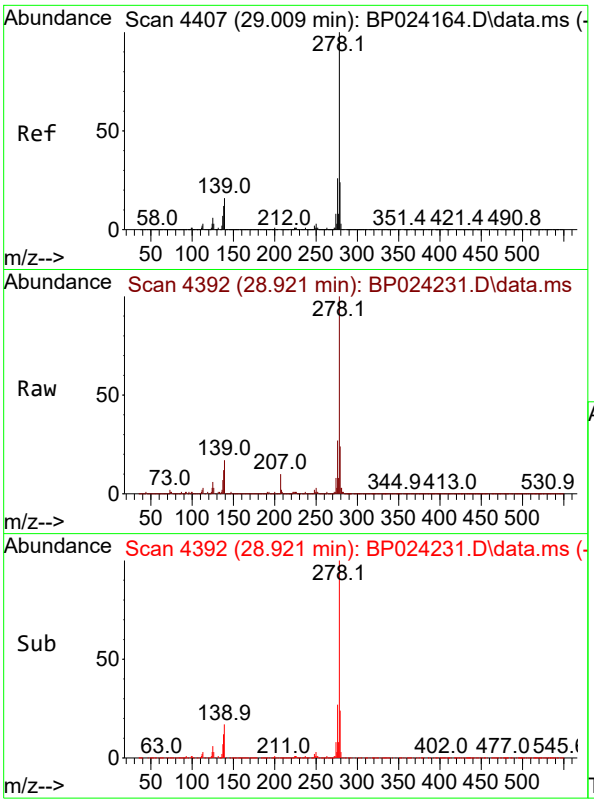


#90
Benzo(a)pyrene
Concen: 53.241 ng
RT: 24.862 min Scan# 3702
Delta R.T. -0.030 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:252 Resp: 4402724

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.8	9.6	14.4



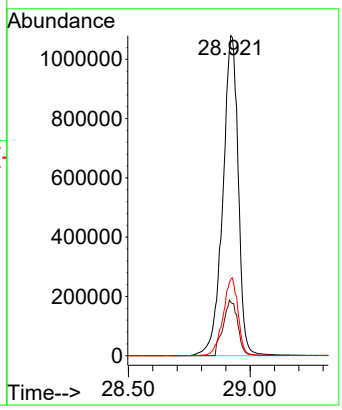


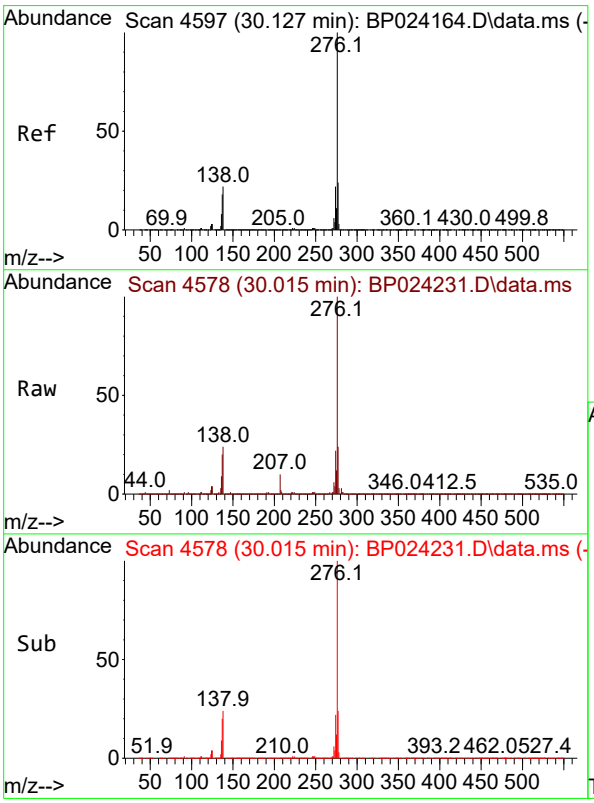
#91
Dibenzo(a,h)anthracene
Concen: 52.128 ng
RT: 28.921 min Scan# 4
Delta R.T. -0.089 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MS

Tgt Ion:278 Resp: 4773931

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.4
279	23.9	18.8	28.2

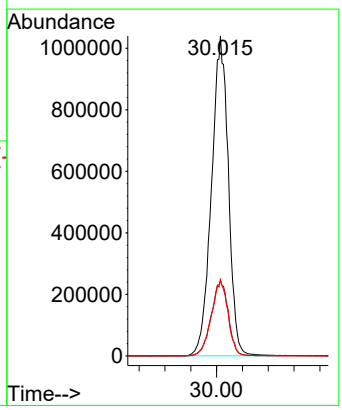




#92
Benzo(g,h,i)perylene
Concen: 50.504 ng
RT: 30.015 min Scan# 4578
Delta R.T. -0.112 min
Lab File: BP024231.D
Acq: 09 Apr 2025 12:15

Tgt Ion:276 Resp: 4701649

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	23.9	17.4	26.2



Raw Data: **BP024232.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325MSD	SDG No.:	Q1730
Lab Sample ID:	Q1730-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
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
BP024232.D	1	04/07/25 08:55	04/09/25 12:56	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.60		0.023	0.13	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	1.50		0.026	0.13	0.18	mg/Kg
208-96-8	Acenaphthylene	1.80		0.030	0.13	0.18	mg/Kg
83-32-9	Acenaphthene	1.60		0.022	0.13	0.18	mg/Kg
86-73-7	Fluorene	1.70		0.026	0.13	0.18	mg/Kg
85-01-8	Phenanthrene	1.70		0.022	0.13	0.18	mg/Kg
120-12-7	Anthracene	1.80		0.034	0.13	0.18	mg/Kg
206-44-0	Fluoranthene	1.70		0.031	0.13	0.18	mg/Kg
129-00-0	Pyrene	1.70		0.037	0.13	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	1.70		0.024	0.13	0.18	mg/Kg
218-01-9	Chrysene	1.70		0.021	0.13	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.60		0.020	0.13	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.70		0.023	0.13	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	1.80		0.030	0.13	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.70		0.030	0.13	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.70		0.028	0.13	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.70		0.027	0.13	0.18	mg/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104		35 - 115		69%	SPK: 150
13127-88-3	Phenol-d6	106		34 - 127		71%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		37 - 122		72%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.8		44 - 115		70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	101		39 - 132		68%	SPK: 150
1718-51-0	Terphenyl-d14	76.7		54 - 127		77%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	287000	7.74				
1146-65-2	Naphthalene-d8	1150000	10.516				
15067-26-2	Acenaphthene-d10	708000	14.375				
1517-22-2	Phenanthrene-d10	1390000	17.198				

Raw Data: **BP024232.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:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325MSD	SDG No.:	Q1730
Lab Sample ID:	Q1730-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
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
BP024232.D	1	04/07/25 08:55	04/09/25 12:56	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1500000	21.633				
1520-96-3	Perylene-d12	1670000	24.998				

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: **BP024232.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024232.D
Acq On : 09 Apr 2025 12:56
Operator : RC/JU
Sample : Q1730-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Quant Time: Apr 10 01:59:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	286902	20.000	ng		-0.03
21) Naphthalene-d8	10.516	136	1149847	20.000	ng		-0.04
39) Acenaphthene-d10	14.375	164	708393	20.000	ng		-0.03
64) Phenanthrene-d10	17.198	188	1387592	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1504352	20.000	ng		-0.02
86) Perylene-d12	24.998	264	1667153	20.000	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1872195	104.166	ng		-0.02
7) Phenol-d6	6.922	99	2545054	105.891	ng		-0.03
23) Nitrobenzene-d5	8.887	82	1469315	72.097	ng		-0.04
42) 2,4,6-Tribromophenol	15.898	330	903624	101.268	ng		-0.02
45) 2-Fluorobiphenyl	12.986	172	3352065	69.774	ng		-0.03
79) Terphenyl-d14	19.910	244	5589464	76.697	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	318850	44.755	ng		97
3) Pyridine	3.687	79	867946	44.564	ng		98
4) n-Nitrosodimethylamine	3.599	42	304308	46.774	ng		94
6) Aniline	7.075	93	712147	32.521	ng		99
8) 2-Chlorophenol	7.316	128	977587	50.355	ng		99
9) Benzaldehyde	6.893	77	537154	46.311	ng		98
10) Phenol	6.951	94	1256999	51.807	ng		99
11) bis(2-Chloroethyl)ether	7.169	93	910757	47.599	ng		99
12) 1,3-Dichlorobenzene	7.628	146	1000080	47.770	ng		99
13) 1,4-Dichlorobenzene	7.775	146	1021633	47.794	ng		99
14) 1,2-Dichlorobenzene	8.087	146	981103	47.830	ng		99
15) Benzyl Alcohol	7.981	79	803918	52.832	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.263	45	984526	50.415	ng		98
17) 2-Methylphenol	8.187	107	812455	53.399	ng		99
18) Hexachloroethane	8.810	117	367262	48.428	ng		100
19) n-Nitroso-di-n-propyla...	8.540	70	671750	48.176	ng		100
20) 3+4-Methylphenols	8.510	107	1101160	52.679	ng		99
22) Acetophenone	8.551	105	1368679	47.081	ng	#	98
24) Nitrobenzene	8.928	77	989940	49.240	ng		99
25) Isophorone	9.451	82	1856824	53.151	ng		100
26) 2-Nitrophenol	9.634	139	508733	52.975	ng		99
27) 2,4-Dimethylphenol	9.698	122	843916	68.341	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	1200865	48.863	ng		100
29) 2,4-Dichlorophenol	10.169	162	866930	51.897	ng		99
30) 1,2,4-Trichlorobenzene	10.381	180	872159	47.256	ng		99
31) Naphthalene	10.563	128	2815023	46.184	ng		99
32) Benzoic acid	9.845	122	702851	58.361	ng		98
33) 4-Chloroaniline	10.675	127	396843	18.193	ng		98
34) Hexachlorobutadiene	10.851	225	501884	47.250	ng		99
35) Caprolactam	11.463	113	317058	57.912	ng		98
36) 4-Chloro-3-methylphenol	11.810	107	964274	53.509	ng		98
37) 2-Methylnaphthalene	12.181	142	1774016	43.082	ng		99
38) 1-Methylnaphthalene	12.398	142	1880682	46.957	ng		98
40) 1,2,4,5-Tetrachloroben...	12.557	216	936735	45.744	ng		99
41) Hexachlorocyclopentadiene	12.533	237	1252054	169.622	ng		97
43) 2,4,6-Trichlorophenol	12.798	196	679967	52.249	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024232.D
Acq On : 09 Apr 2025 12:56
Operator : RC/JU
Sample : Q1730-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Quant Time: Apr 10 01:59:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

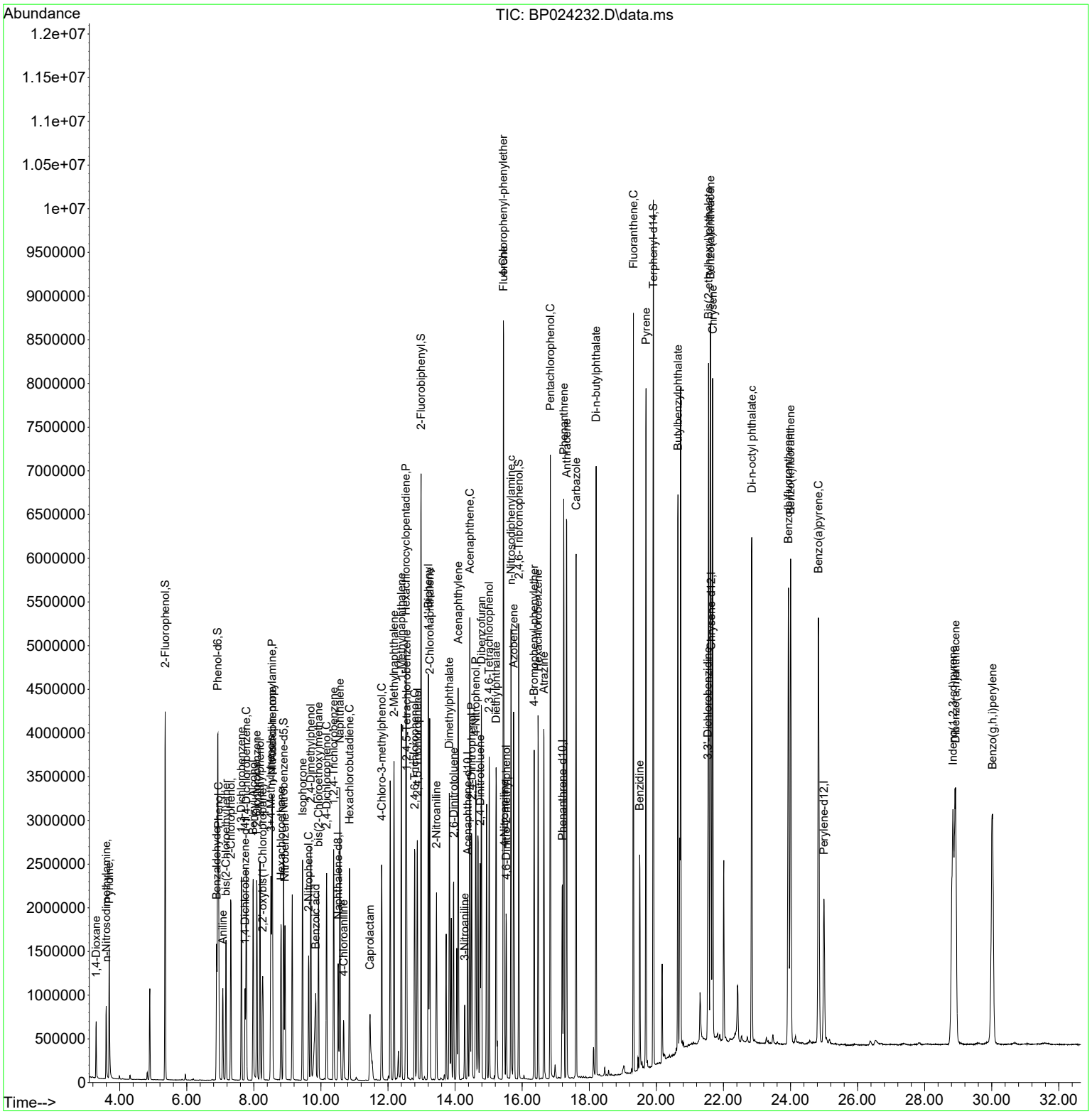
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	750647	52.596	ng	99
46) 1,1'-Biphenyl	13.204	154	2489932	46.775	ng	99
47) 2-Chloronaphthalene	13.245	162	1917821	47.898	ng	99
48) 2-Nitroaniline	13.445	65	580959	56.728	ng	98
49) Acenaphthylene	14.092	152	3199619	52.812	ng	100
50) Dimethylphthalate	13.828	163	2465120	49.732	ng	100
51) 2,6-Dinitrotoluene	13.957	165	539503	51.730	ng	97
52) Acenaphthene	14.439	154	1837985	47.482	ng	99
53) 3-Nitroaniline	14.286	138	236450	20.991	ng	95
54) 2,4-Dinitrophenol	14.498	184	715742	129.700	ng	99
55) Dibenzofuran	14.786	168	2872093	45.805	ng	99
56) 4-Nitrophenol	14.616	139	1144006	121.546	ng	99
57) 2,4-Dinitrotoluene	14.751	165	779044	56.551	ng	96
58) Fluorene	15.445	166	2388449	48.890	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	651159	51.641	ng	98
60) Diethylphthalate	15.222	149	2466418	49.967	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1139270	47.546	ng	97
62) 4-Nitroaniline	15.469	138	585528	49.562	ng	99
63) Azobenzene	15.745	77	2707344	58.192	ng	99
65) 4,6-Dinitro-2-methylph...	15.527	198	447652	54.343	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2056703	48.811	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	741067	48.644	ng	99
68) Hexachlorobenzene	16.474	284	880437	48.828	ng	99
69) Atrazine	16.651	200	746444	73.394	ng	99
70) Pentachlorophenol	16.839	266	1285435	110.236	ng	100
71) Phenanthrene	17.239	178	3704795	48.874	ng	100
72) Anthracene	17.327	178	3807745	51.575	ng	99
73) Carbazole	17.610	167	3699204	51.955	ng	99
74) Di-n-butylphthalate	18.204	149	4425488	52.359	ng	99
75) Fluoranthene	19.315	202	4413531	50.272	ng	99
77) Benzidine	19.504	184	1488430	90.495	ng	100
78) Pyrene	19.692	202	4613212	49.326	ng	100
80) Butylbenzylphthalate	20.645	149	2181081	56.552	ng	98
81) Benzo(a)anthracene	21.615	228	4668390	49.914	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	851663	27.169	ng	99
83) Chrysene	21.680	228	4385837	48.779	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	3164227	54.373	ng	100
85) Di-n-octyl phthalate	22.845	149	5372260	57.617	ng	100
87) Indeno(1,2,3-cd)pyrene	28.844	276	5916857	50.852	ng	99
88) Benzo(b)fluoranthene	23.939	252	4824633	47.997	ng	98
89) Benzo(k)fluoranthene	24.003	252	4903911	49.874	ng	100
90) Benzo(a)pyrene	24.833	252	4689771	53.654	ng	99
91) Dibenzo(a,h)anthracene	28.921	278	4850816	50.111	ng	98
92) Benzo(g,h,i)perylene	30.021	276	4740076	48.170	ng	98

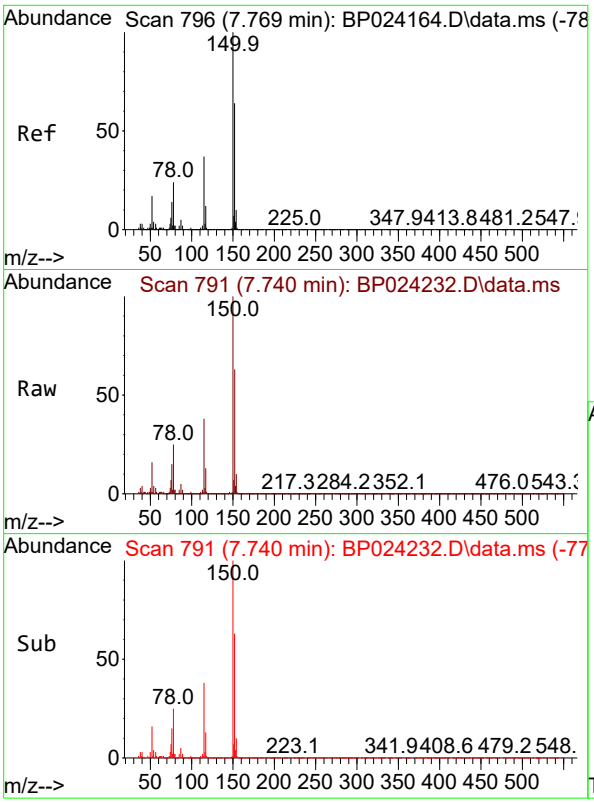
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024232.D
Acq On : 09 Apr 2025 12:56
Operator : RC/JU
Sample : Q1730-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Quant Time: Apr 10 01:59:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



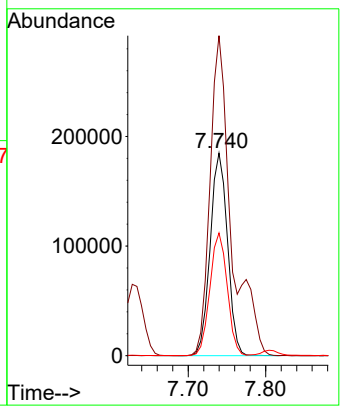


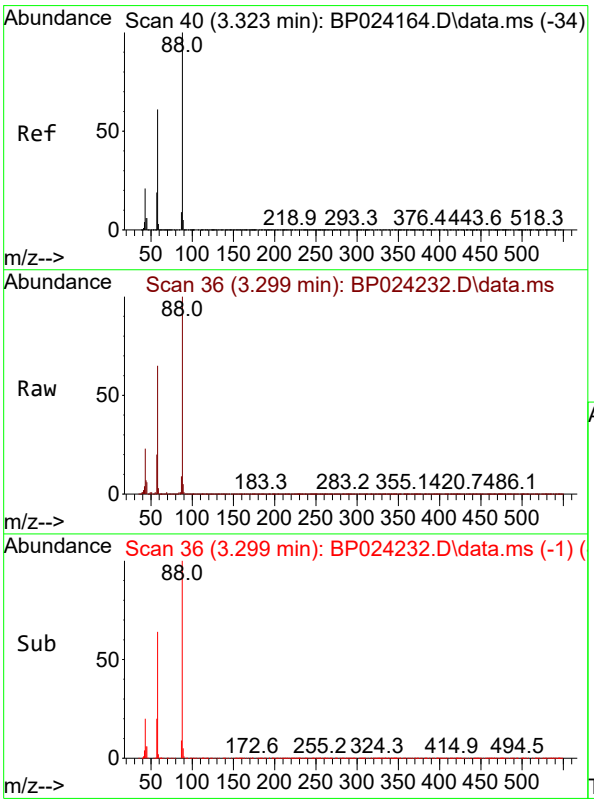
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:152 Resp: 286902

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.5	188.3
115	60.6	46.3	69.5

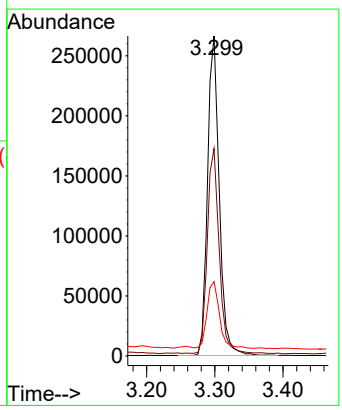


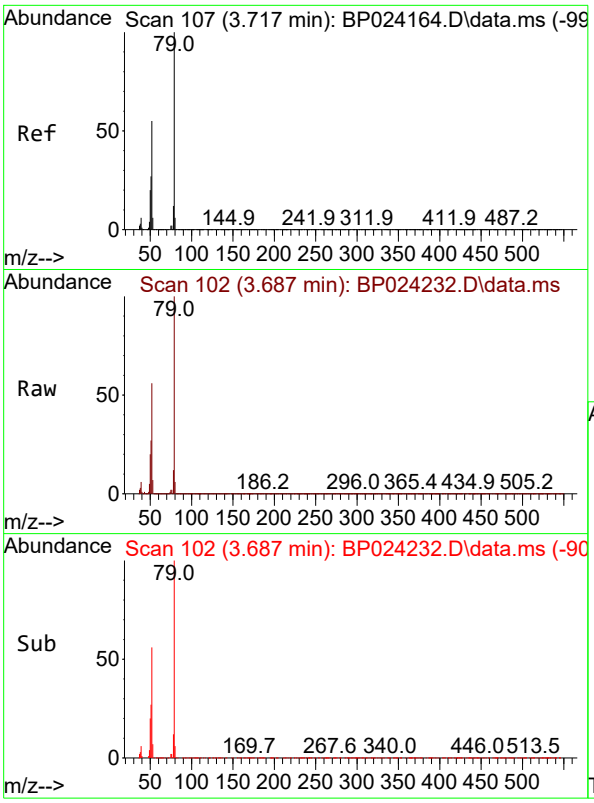


#2
1,4-Dioxane
Concen: 44.755 ng
RT: 3.299 min Scan# 36
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 88 Resp: 318850

Ion	Ratio	Lower	Upper
88	100		
58	65.3	49.8	74.6
43	21.8	17.3	25.9



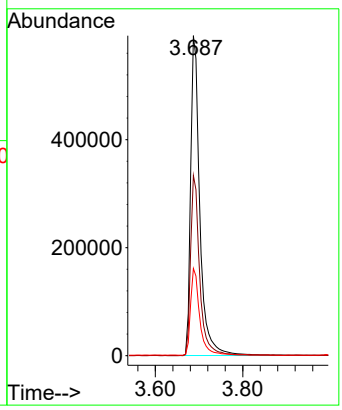


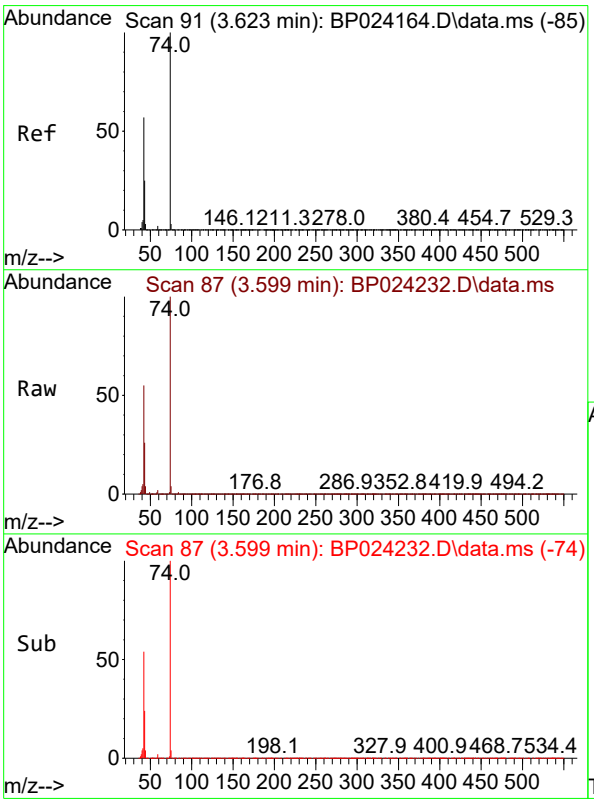
#3
Pyridine
Concen: 44.564 ng
RT: 3.687 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 79 Resp: 867946

Ion	Ratio	Lower	Upper
79	100		
52	56.3	43.8	65.8
51	27.3	21.6	32.4

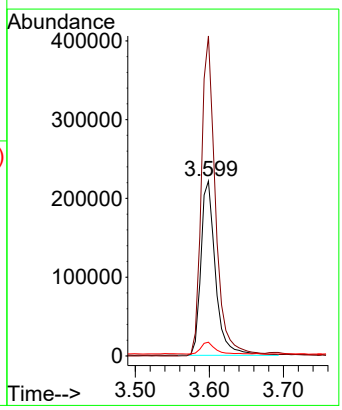


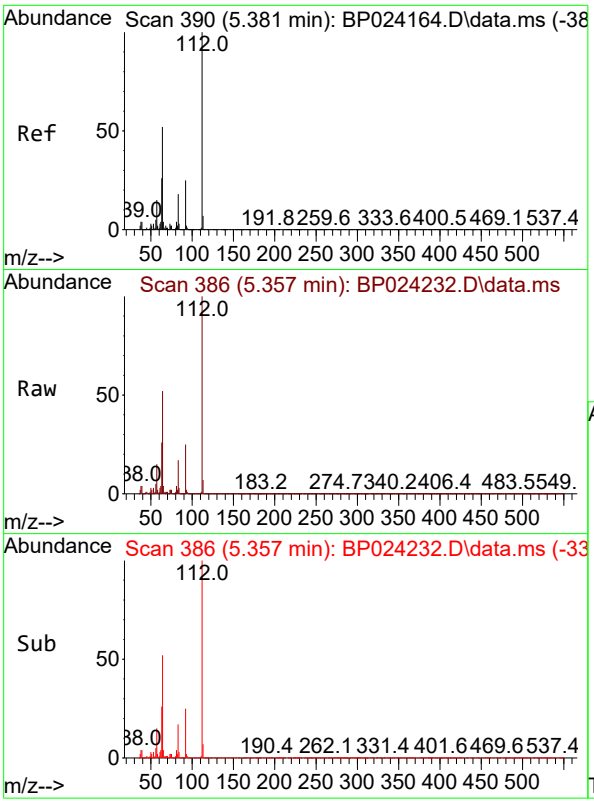


#4
n-Nitrosodimethylamine
Concen: 46.774 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 42 Resp: 304308

Ion	Ratio	Lower	Upper
42	100		
74	182.9	139.8	209.6
44	7.8	5.3	7.9



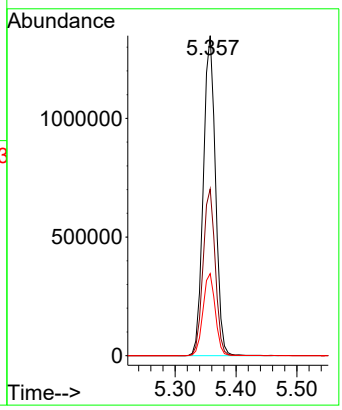


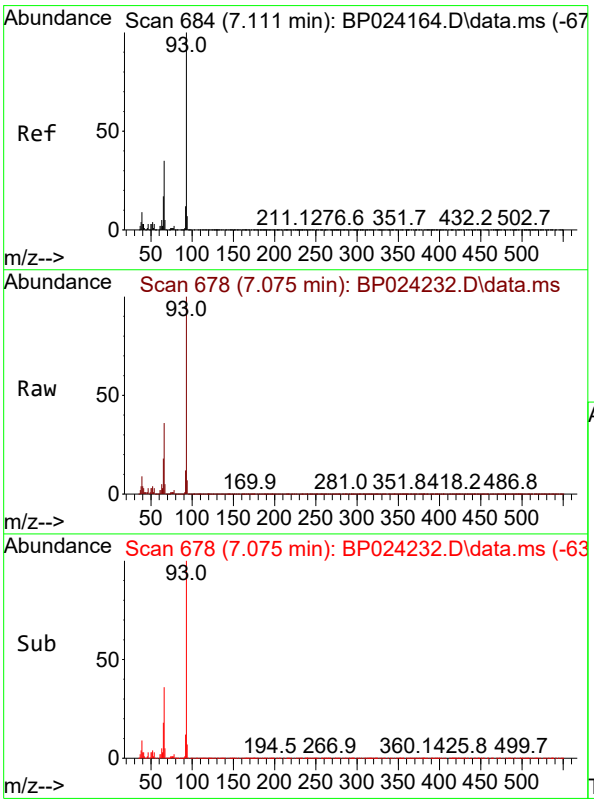
#5
2-Fluorophenol
Concen: 104.166 ng
RT: 5.357 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:112 Resp: 1872195

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.3	61.9
63	25.6	20.6	31.0

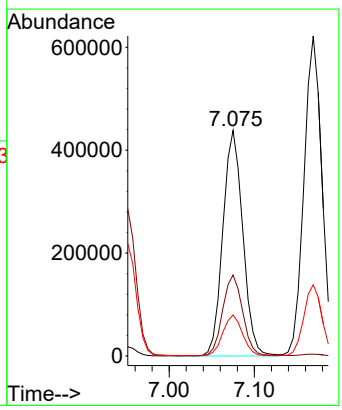


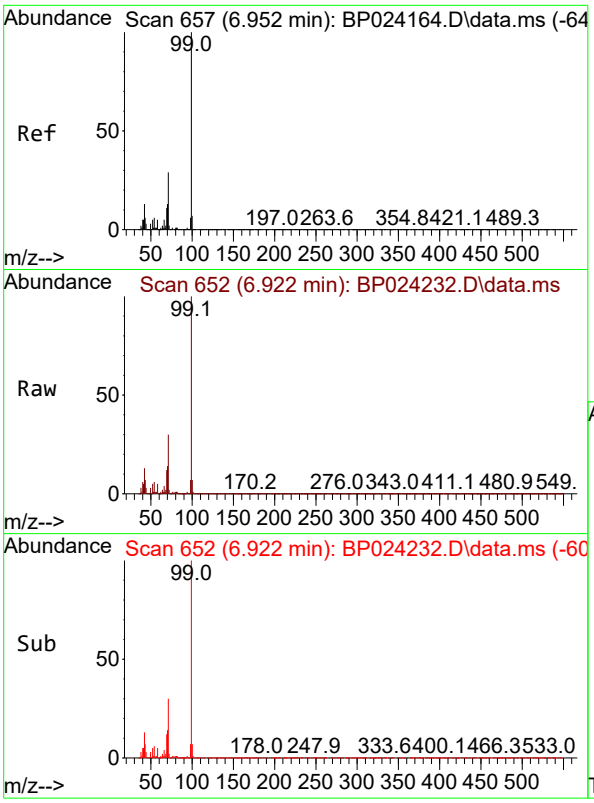


#6
Aniline
Concen: 32.521 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 93 Resp: 712147

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.2	42.2
65	18.1	14.0	21.0



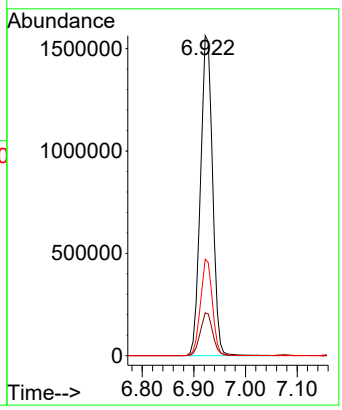


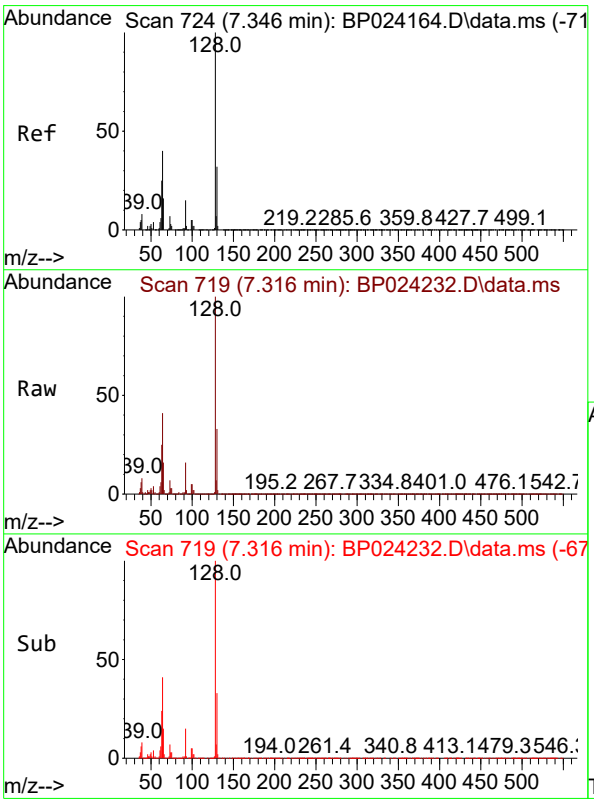
#7
Phenol-d6
Concen: 105.891 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 99 Resp: 2545054

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	16.0
71	30.1	23.3	34.9

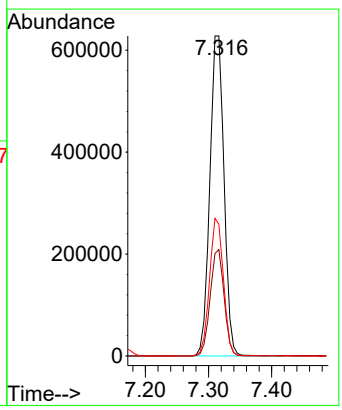


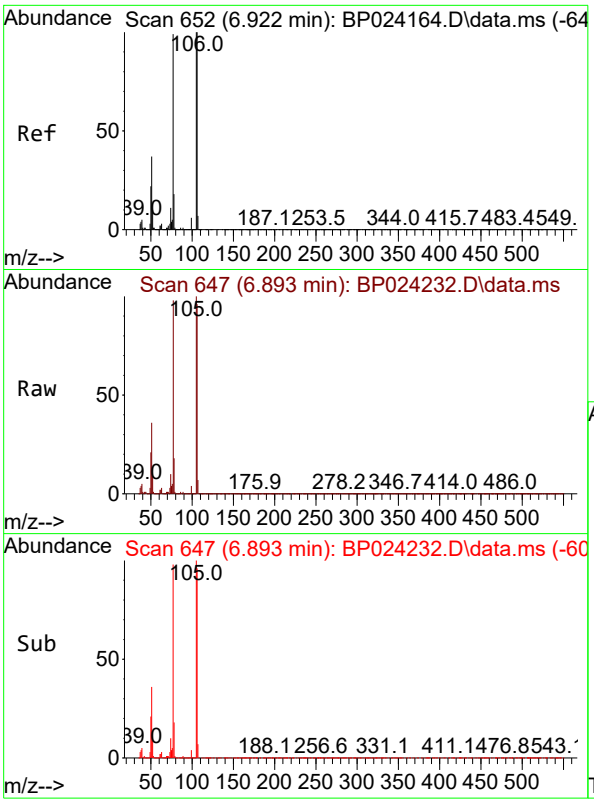


#8
2-Chlorophenol
Concen: 50.355 ng
RT: 7.316 min Scan# 719
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:128 Resp: 977587

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	41.2	21.6	61.6



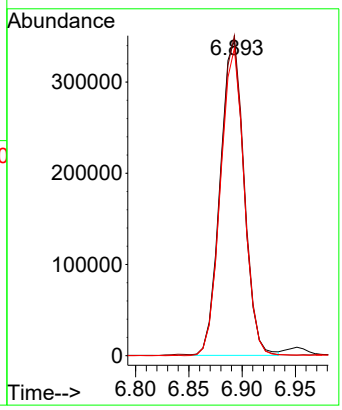


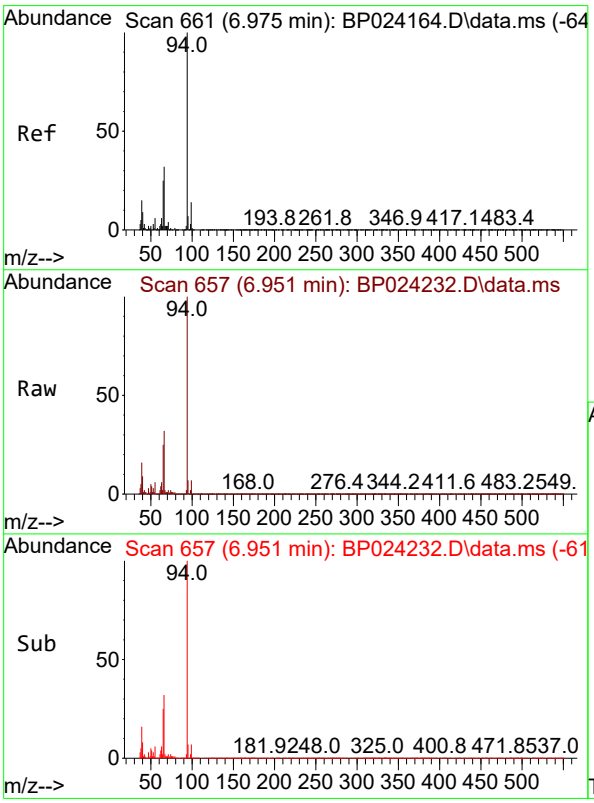
#9
Benzaldehyde
Concen: 46.311 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 77 Resp: 537154

Ion	Ratio	Lower	Upper
77	100		
105	101.6	81.4	121.4
106	97.6	81.1	121.1

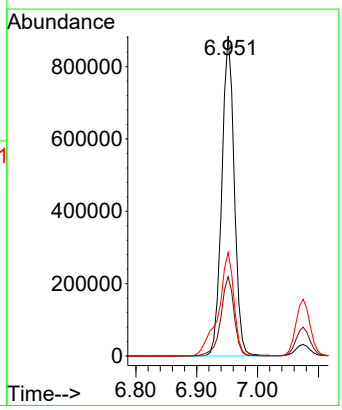


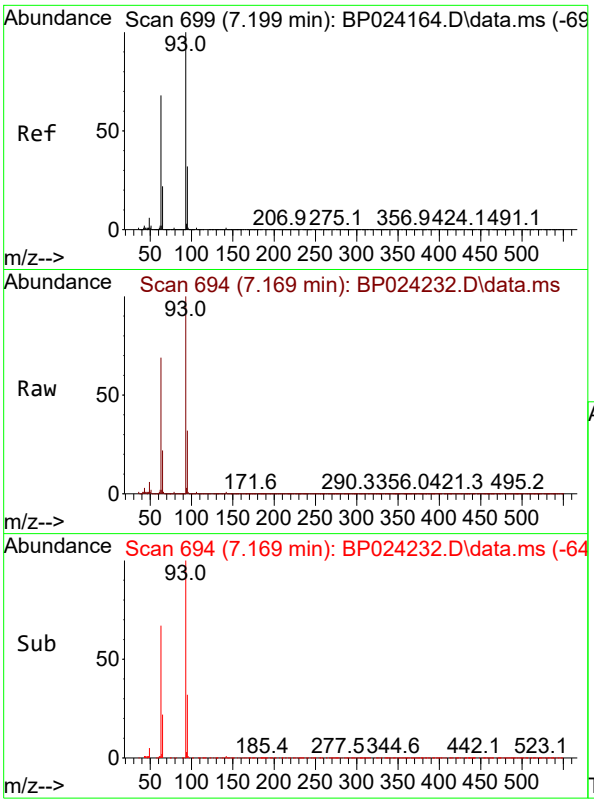


#10
Phenol
Concen: 51.807 ng
RT: 6.951 min Scan# 657
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 94 Resp: 1256999

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.9	44.9
66	32.4	11.9	51.9



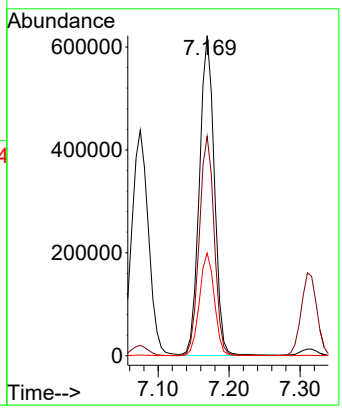


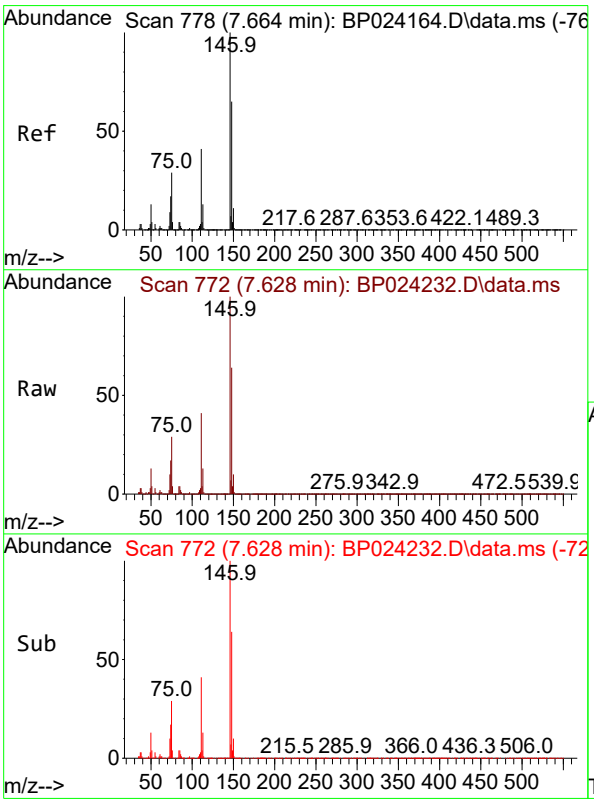
#11
bis(2-Chloroethyl)ether
Concen: 47.599 ng
RT: 7.169 min Scan# 6
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 93 Resp: 910757

Ion	Ratio	Lower	Upper
93	100		
63	68.6	47.4	87.4
95	32.0	12.1	52.1

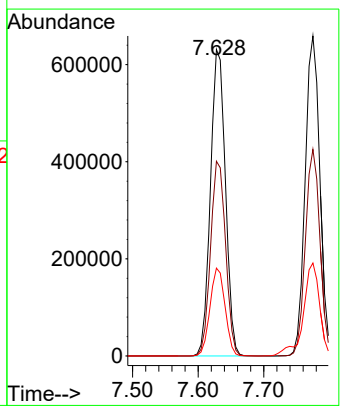


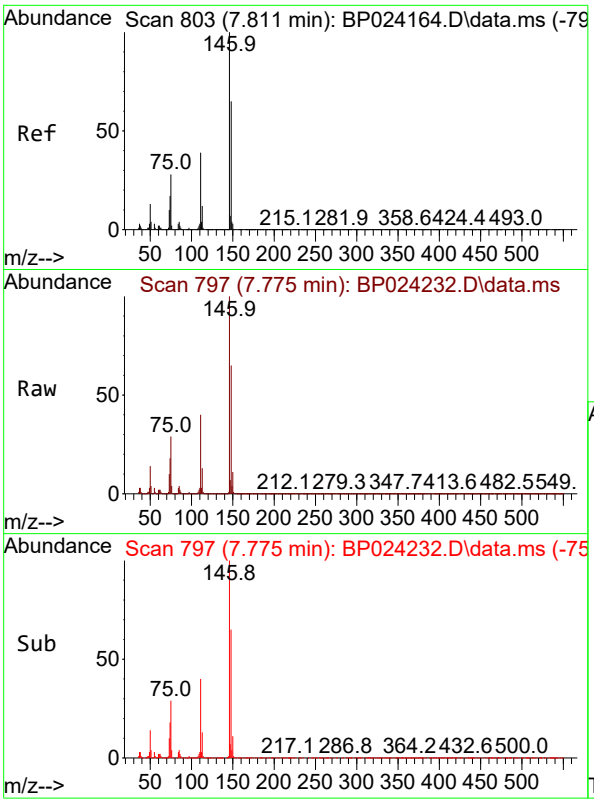


#12
1,3-Dichlorobenzene
Concen: 47.770 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:146 Resp: 1000080

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.6	77.4
75	28.7	22.8	34.2



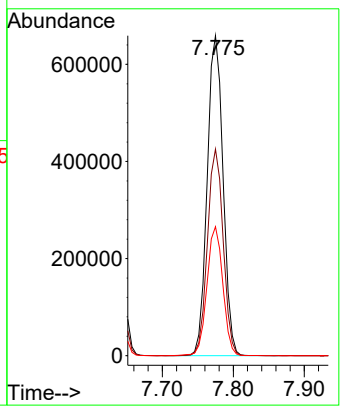


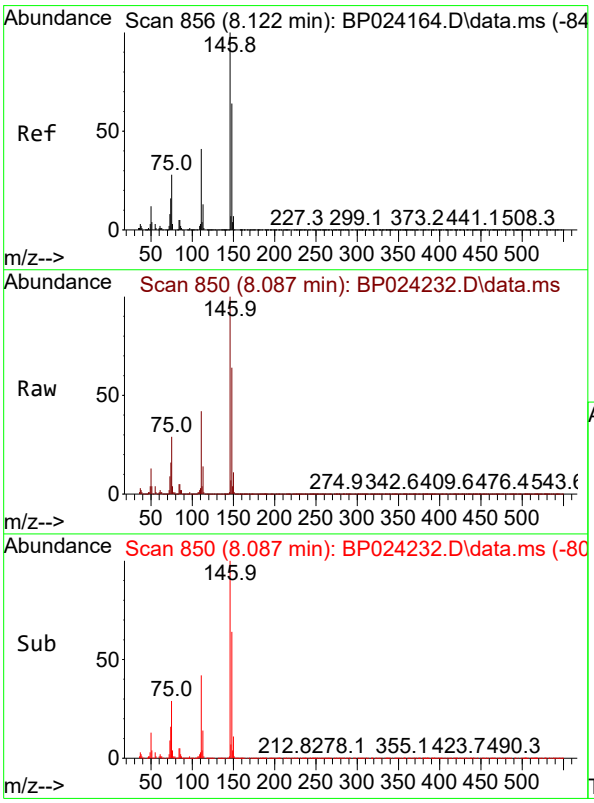
#13
1,4-Dichlorobenzene
Concen: 47.794 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:146 Resp: 1021633

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	40.3	31.4	47.2

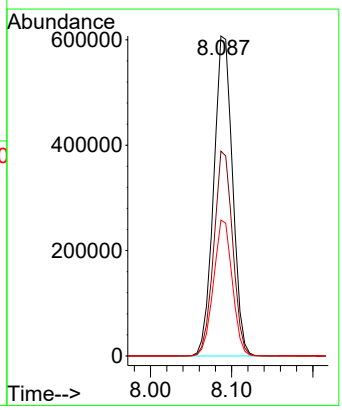


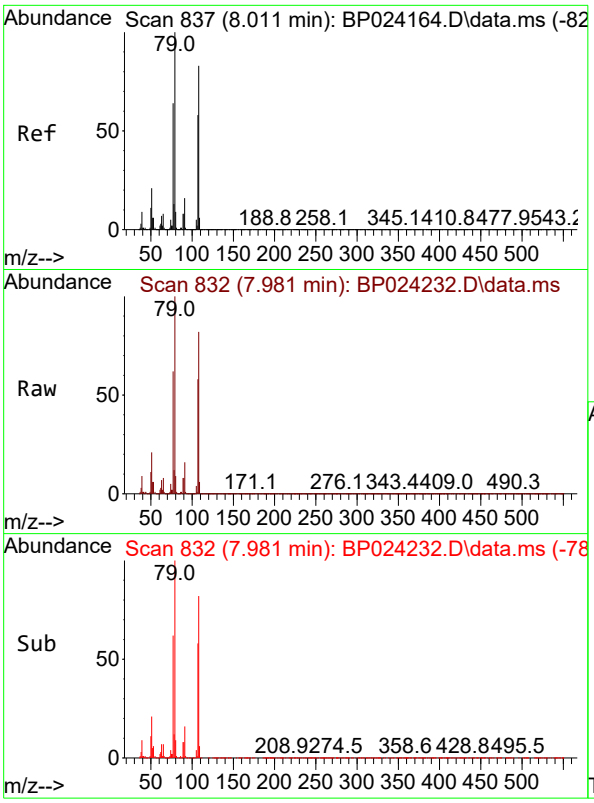


#14
1,2-Dichlorobenzene
Concen: 47.830 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:146 Resp: 981103

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
111	42.4	33.2	49.8



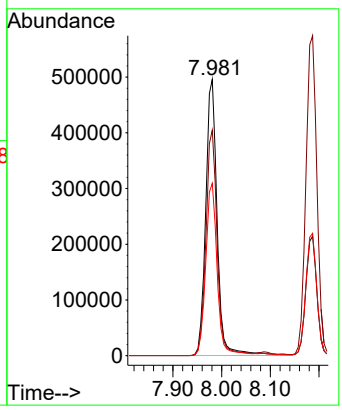


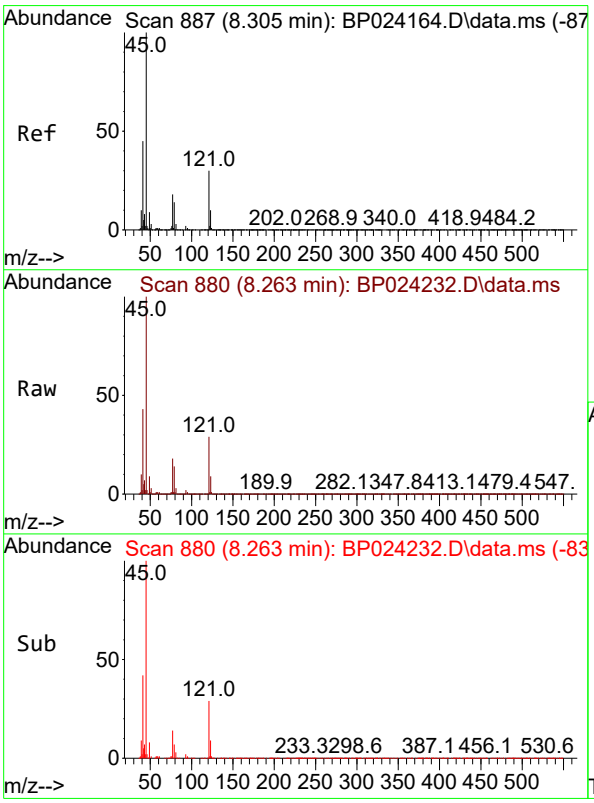
#15
Benzyl Alcohol
Concen: 52.832 ng
RT: 7.981 min Scan# 8
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 79 Resp: 803918

Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.5	99.7
77	62.4	50.9	76.3

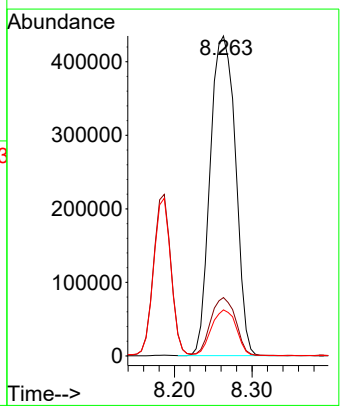


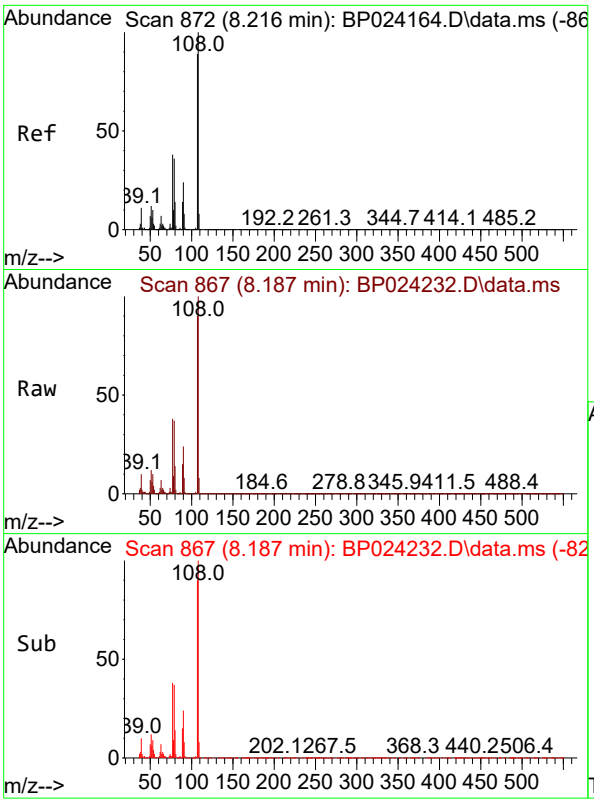


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.415 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.042 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 45 Resp: 984526

Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	39.0
79	14.4	0.0	35.6



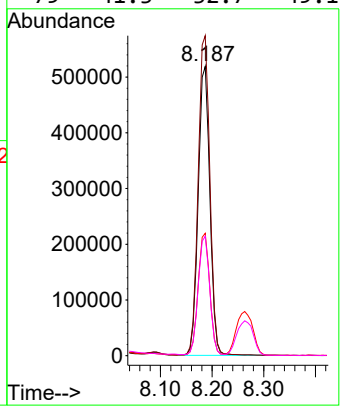


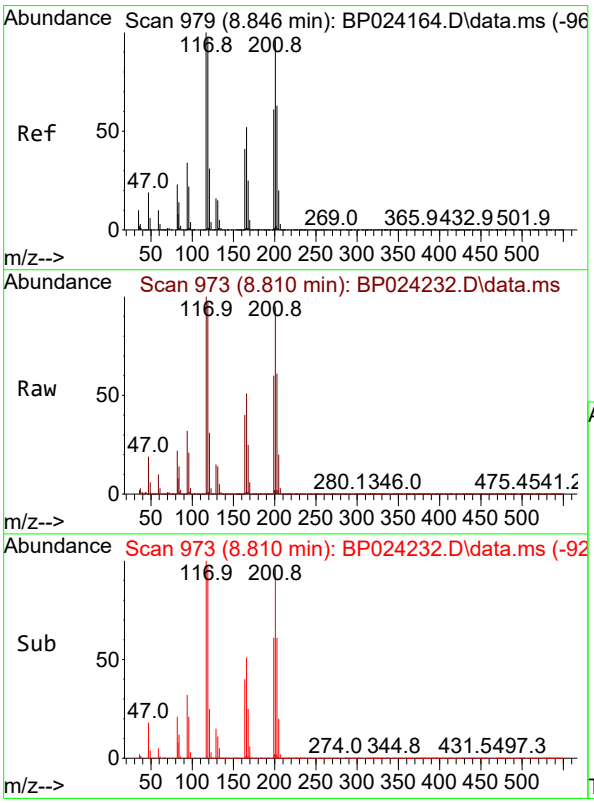
#17
2-Methylphenol
Concen: 53.399 ng
RT: 8.187 min Scan# 8
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:107 Resp: 812455

Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.0	135.0
77	42.3	34.0	51.0
79	41.3	32.7	49.1

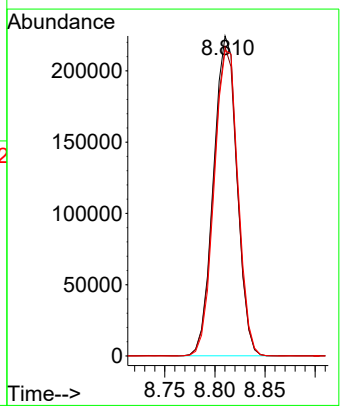


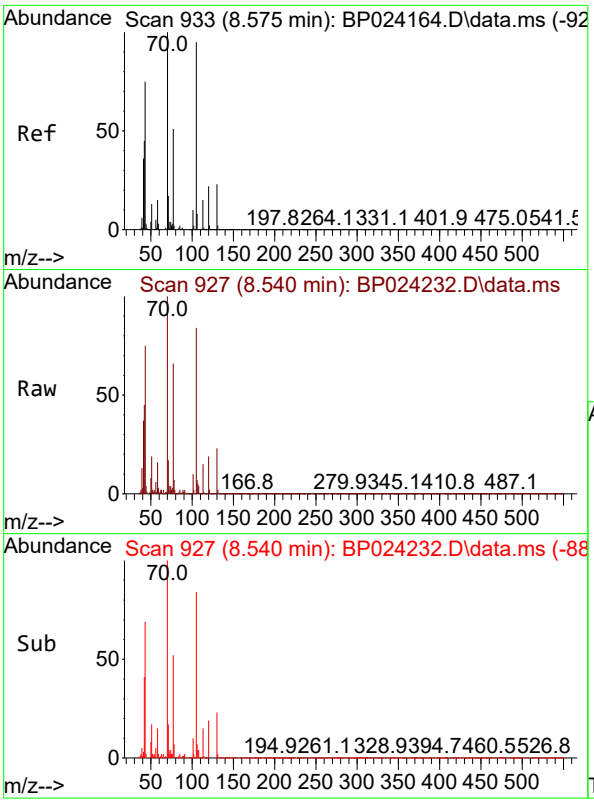


#18
Hexachloroethane
Concen: 48.428 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:117 Resp: 367262

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	95.4	76.6	114.8



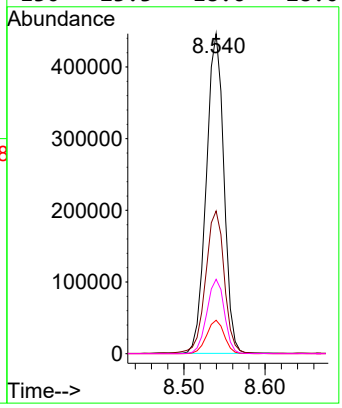


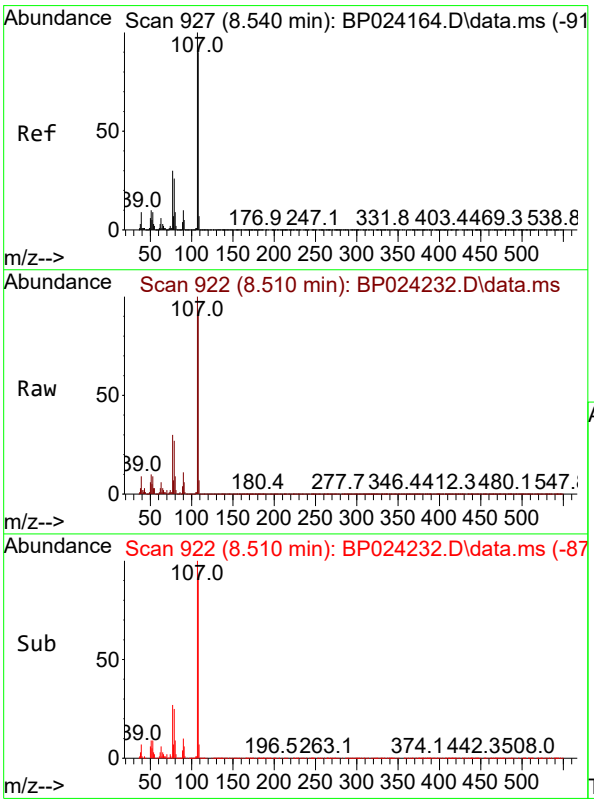
#19
n-Nitroso-di-n-propylamine
Concen: 48.176 ng
RT: 8.540 min Scan# 9
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 70 Resp: 671750

Ion	Ratio	Lower	Upper
70	100		
42	44.6	36.0	54.0
101	10.5	8.3	12.5
130	23.3	18.6	28.0

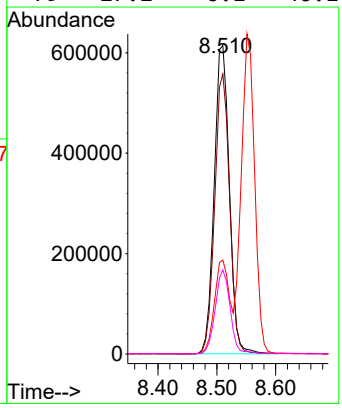


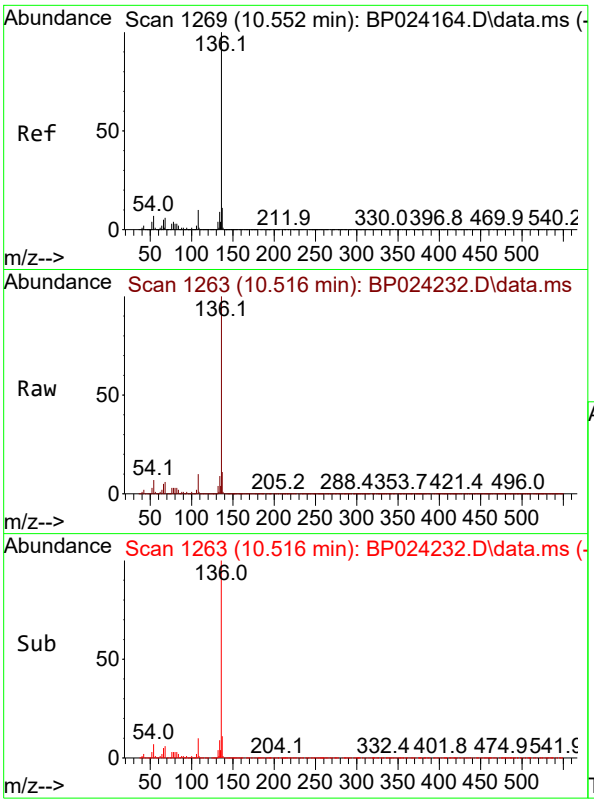


#20
3+4-Methylphenols
Concen: 52.679 ng
RT: 8.510 min Scan# 922
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:107 Resp: 1101160

Ion	Ratio	Lower	Upper
107	100		
108	90.7	69.7	109.7
77	30.4	10.3	50.3
79	27.2	6.1	46.1



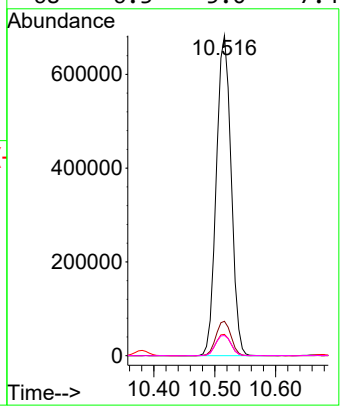


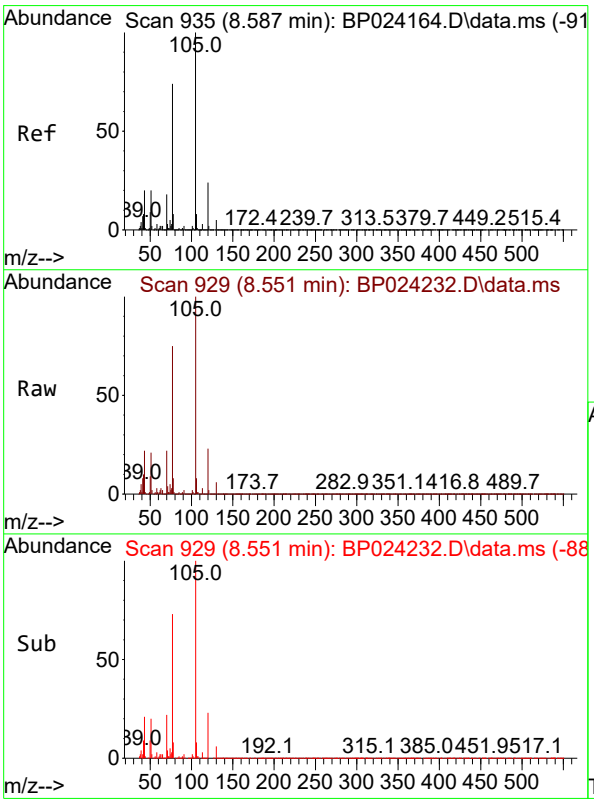
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:136 Resp: 1149847

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	5.3	7.9
68	6.3	5.0	7.4

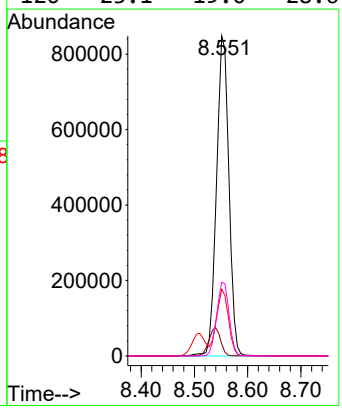


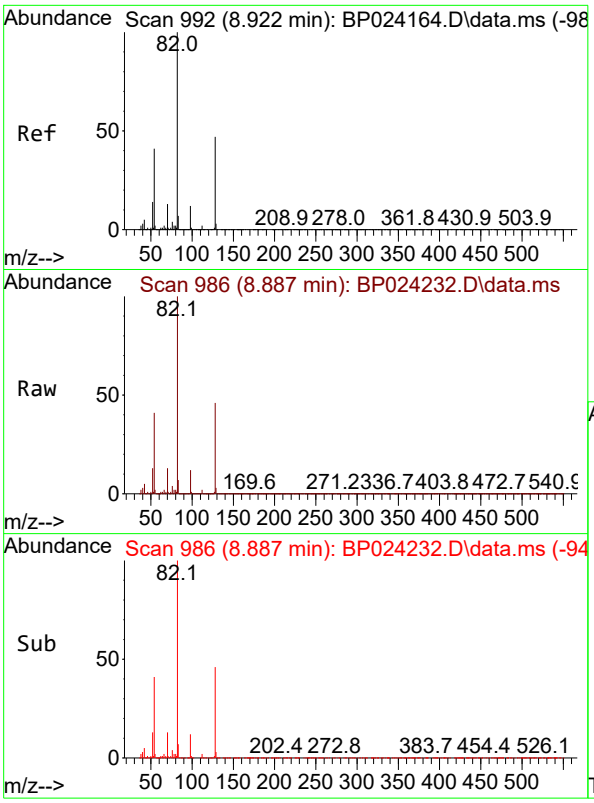


#22
Acetophenone
Concen: 47.081 ng
RT: 8.551 min Scan# 929
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:105 Resp: 1368679

Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.4	3.6#
51	20.8	16.2	24.2
120	23.1	19.0	28.6



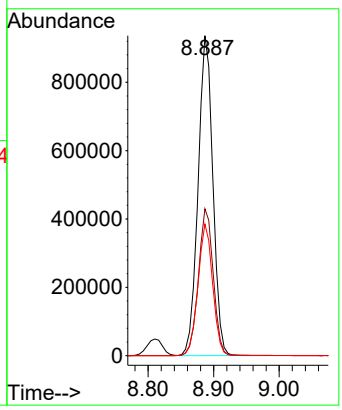


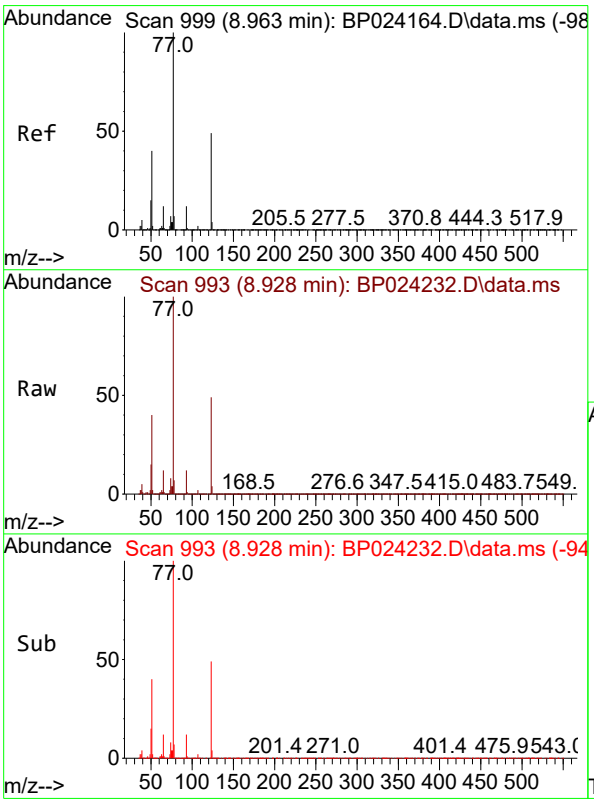
#23
Nitrobenzene-d5
Concen: 72.097 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 82 Resp: 1469315

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.0
54	41.2	32.5	48.7

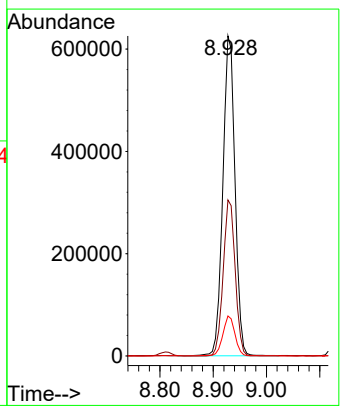


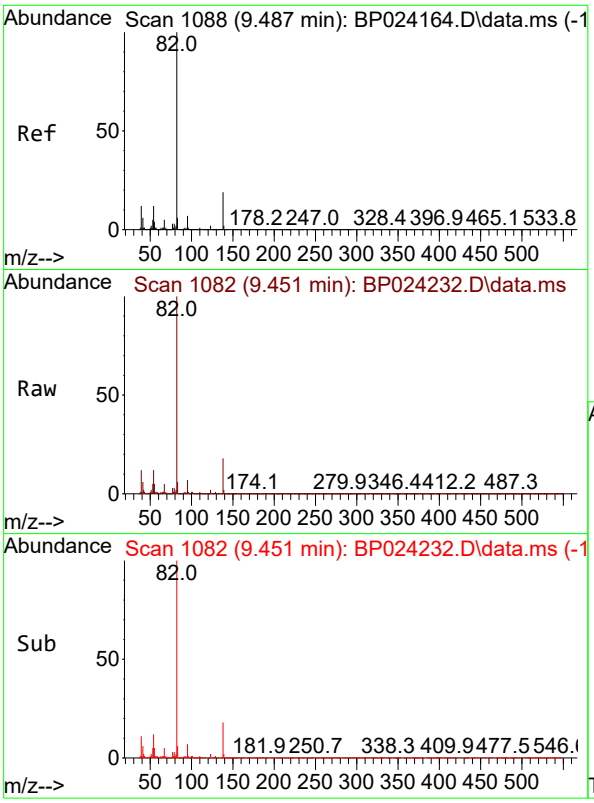


#24
Nitrobenzene
Concen: 49.240 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 77 Resp: 989940

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.4	59.2
65	12.5	9.9	14.9



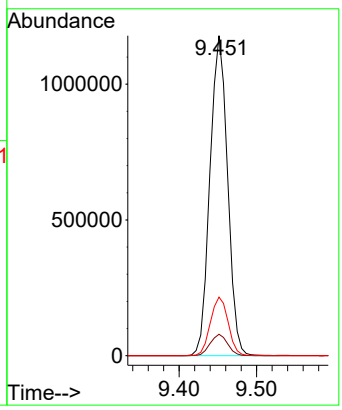


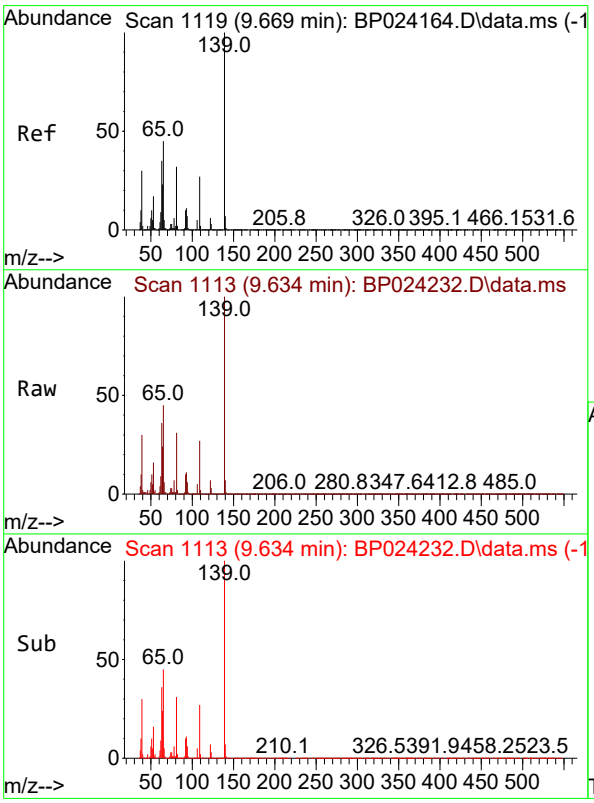
#25
Isophorone
Concen: 53.151 ng
RT: 9.451 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 82 Resp: 1856824

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.3	14.8	22.2

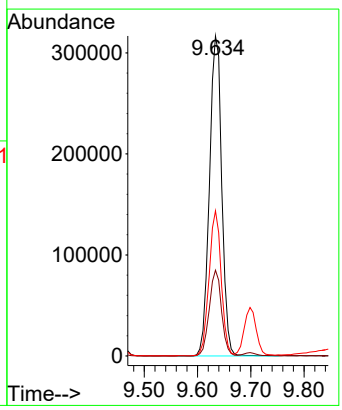


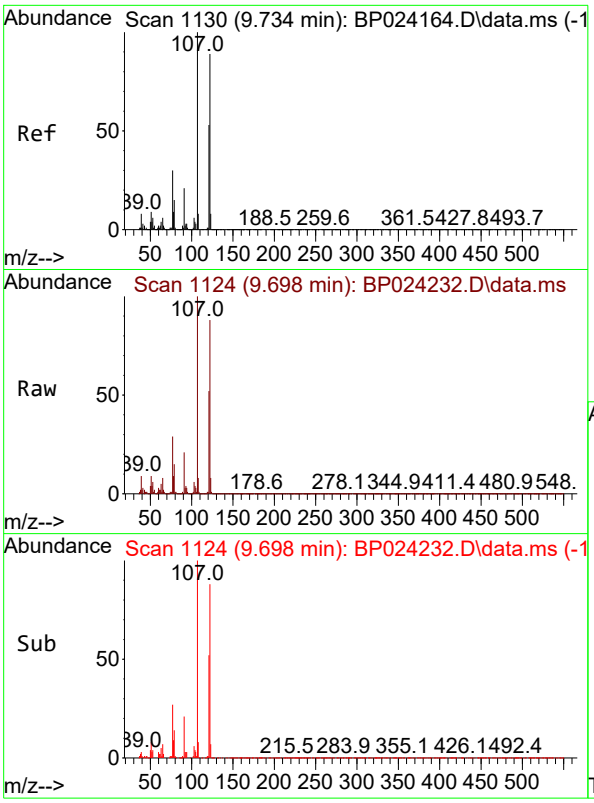


#26
2-Nitrophenol
Concen: 52.975 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:139 Resp: 508733

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.7	32.5
65	45.4	35.8	53.8



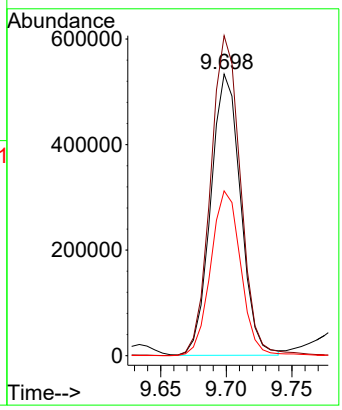


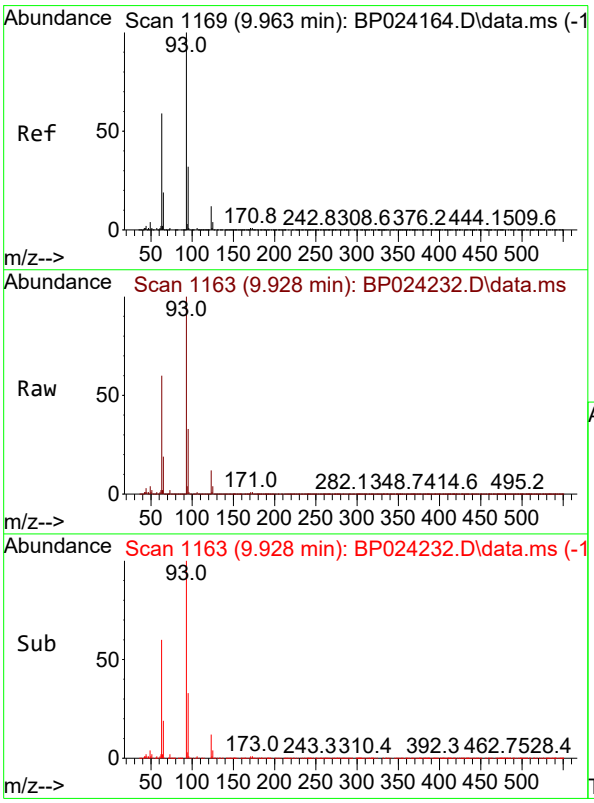
#27
2,4-Dimethylphenol
Concen: 68.341 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:122 Resp: 843916

Ion	Ratio	Lower	Upper
122	100		
107	113.6	89.3	133.9
121	58.5	47.5	71.3

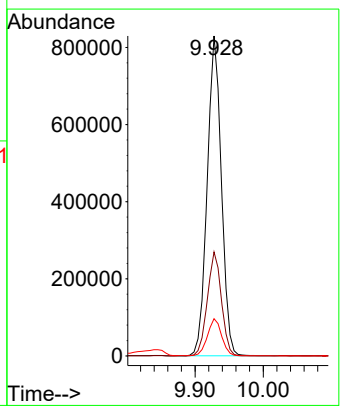


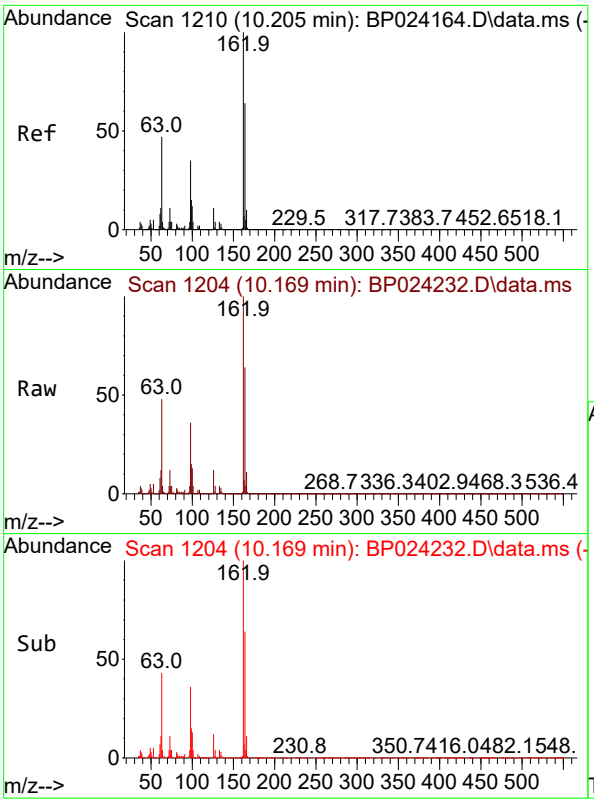


#28
bis(2-Chloroethoxy)methane
Concen: 48.863 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 93 Resp: 1200865

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.9	38.9
123	11.7	9.5	14.3



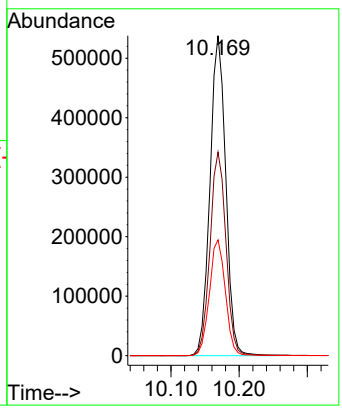


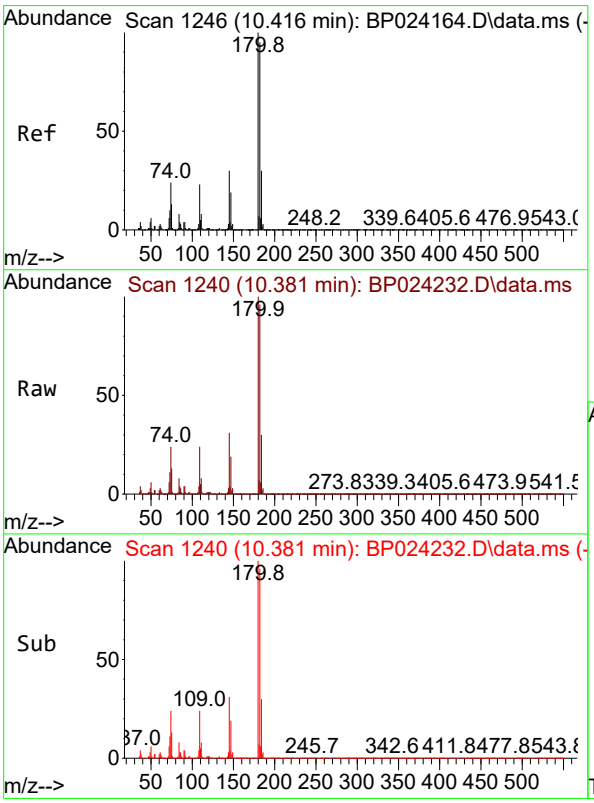
#29
2,4-Dichlorophenol
Concen: 51.897 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:162 Resp: 866930

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	36.2	15.1	55.1

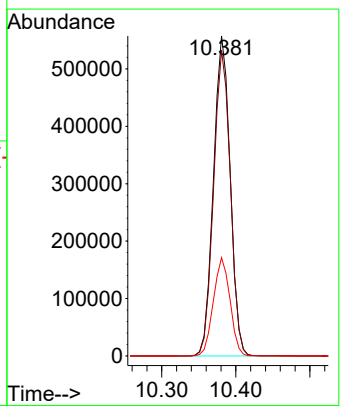


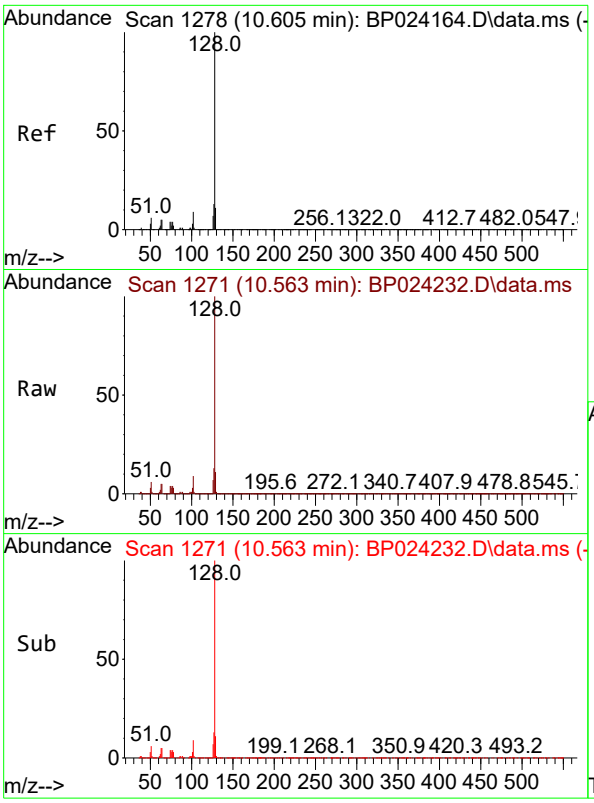


#30
1,2,4-Trichlorobenzene
Concen: 47.256 ng
RT: 10.381 min Scan# 1240
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:180 Resp: 872159

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
145	30.7	24.2	36.2



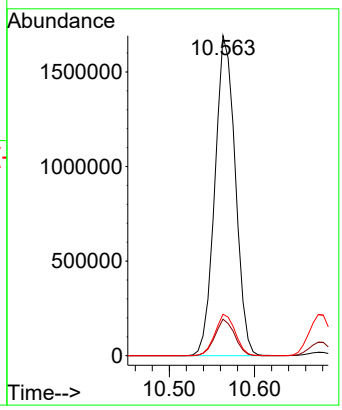


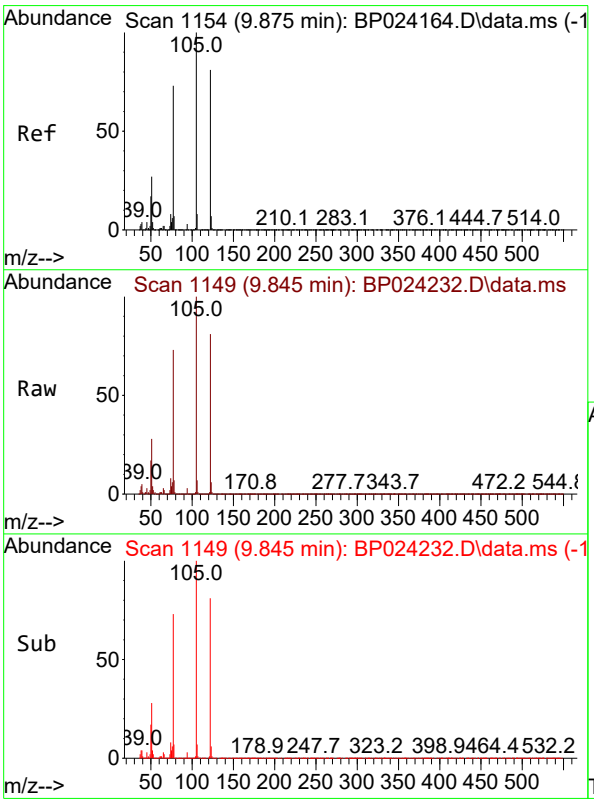
#31
Naphthalene
Concen: 46.184 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.042 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:128 Resp: 2815023

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.0	10.4	15.6

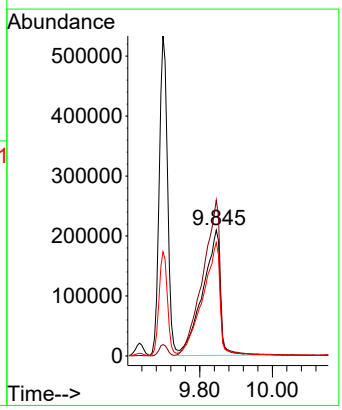


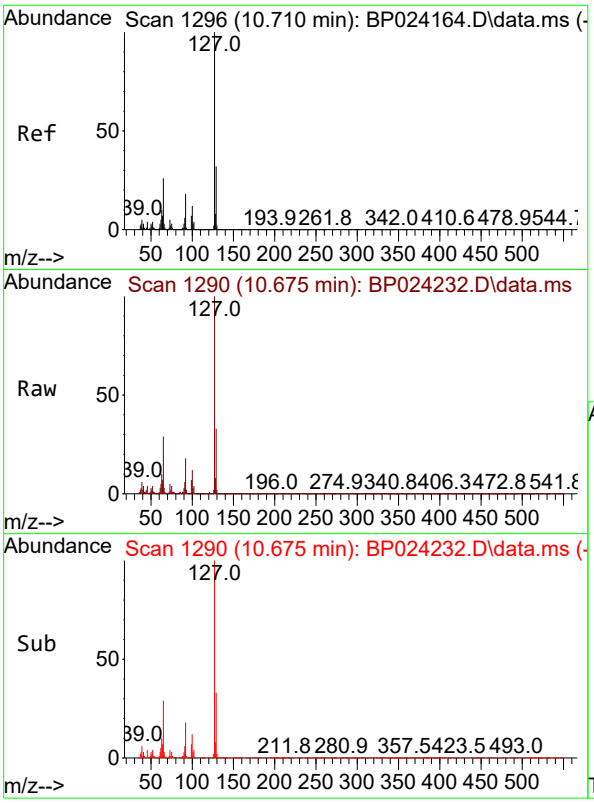


#32
Benzoic acid
Concen: 58.361 ng
RT: 9.845 min Scan# 1149
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:122 Resp: 702851

Ion	Ratio	Lower	Upper
122	100		
105	123.9	100.3	140.3
77	90.0	69.1	109.1



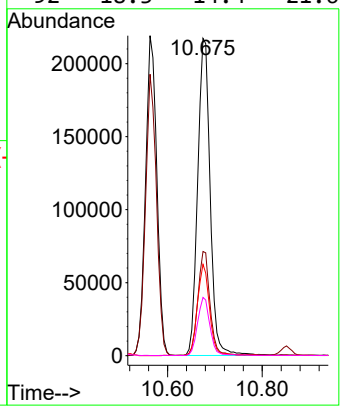


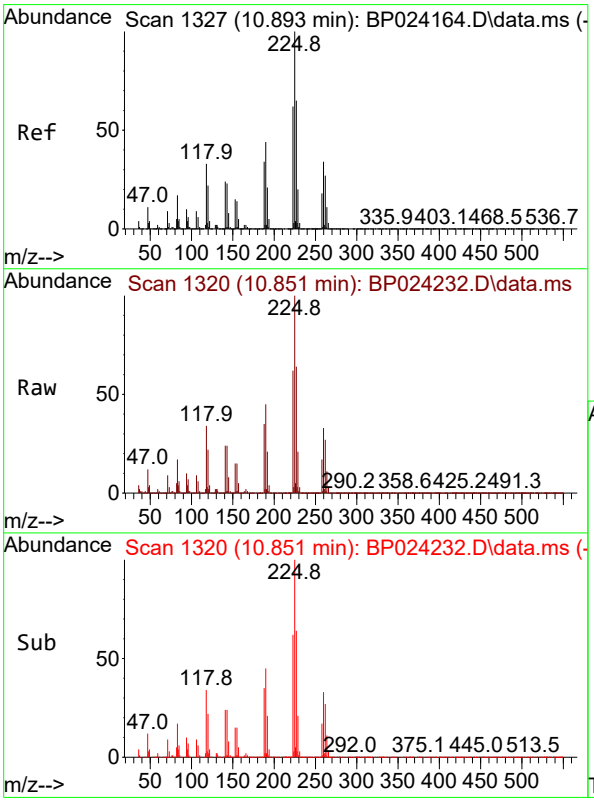
#33
4-Chloroaniline
Concen: 18.193 ng
RT: 10.675 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:127 Resp: 396843

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	28.8	21.2	31.8
92	18.3	14.4	21.6

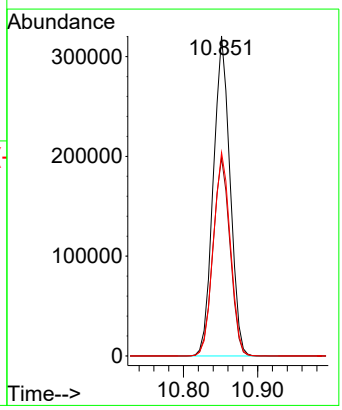


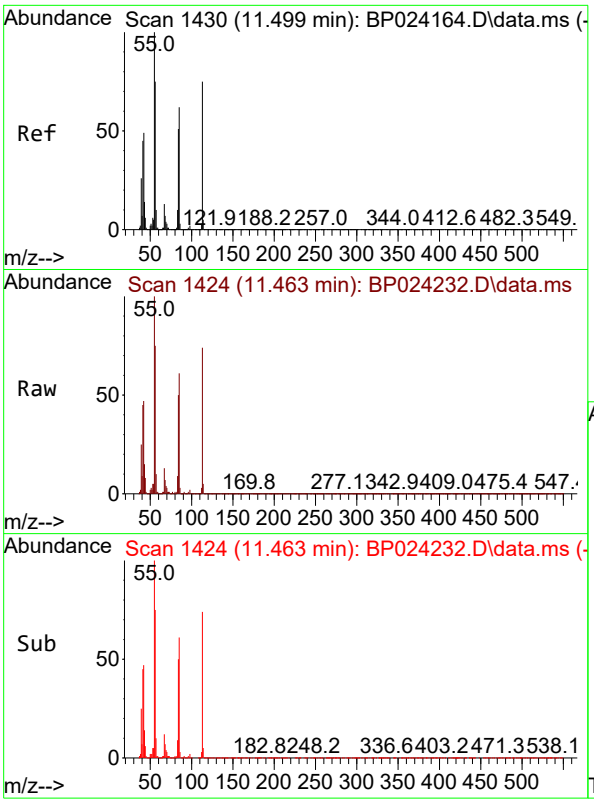


#34
Hexachlorobutadiene
Concen: 47.250 ng
RT: 10.851 min Scan# 1320
Delta R.T. -0.042 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:225 Resp: 501884

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.9	74.9
227	63.6	52.2	78.2



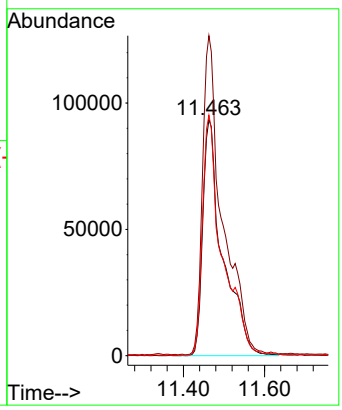


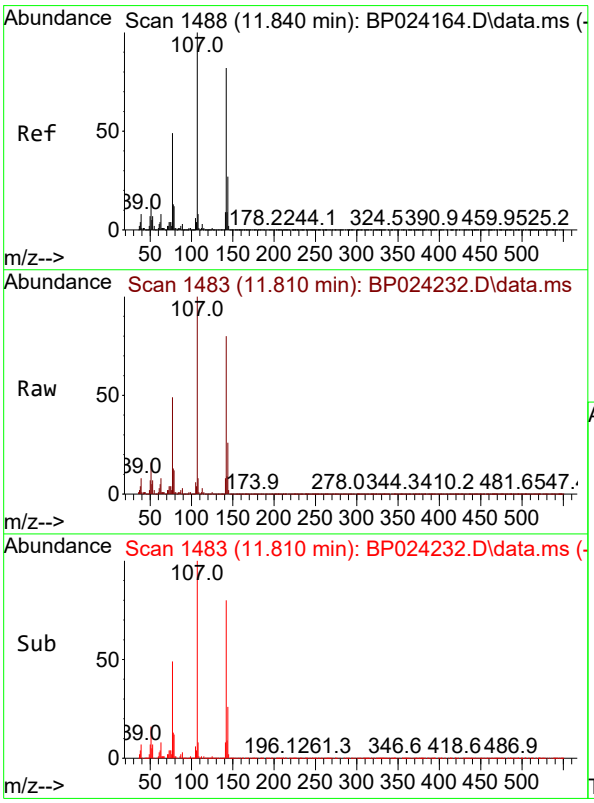
#35
Caprolactam
Concen: 57.912 ng
RT: 11.463 min Scan# 14
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:113 Resp: 317058

Ion	Ratio	Lower	Upper
113	100		
55	135.6	113.6	153.6
56	101.9	80.0	120.0

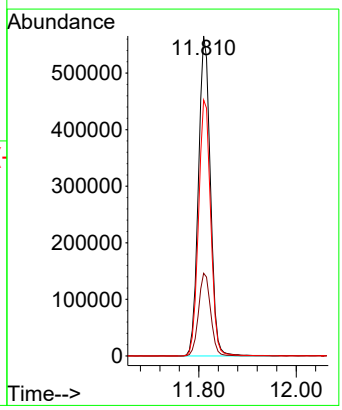


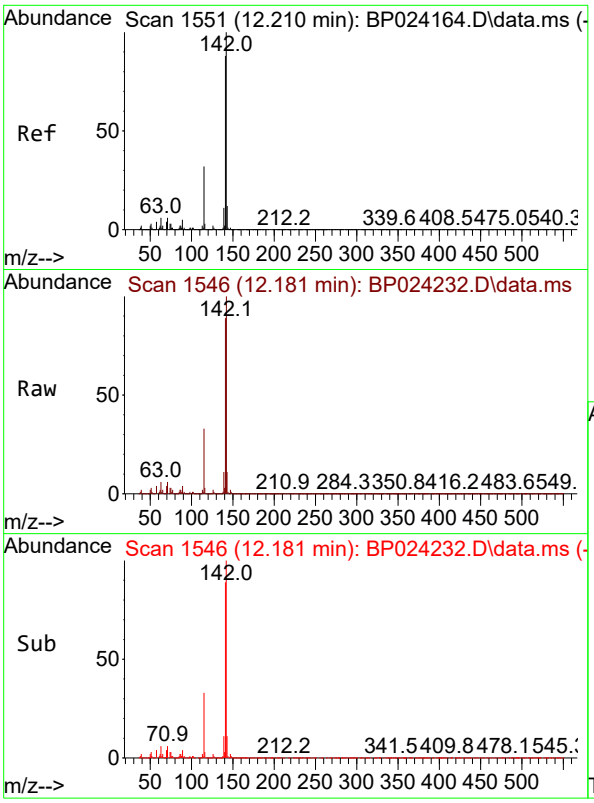


#36
4-Chloro-3-methylphenol
Concen: 53.509 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:107 Resp: 964274

Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.6	32.4
142	80.0	65.4	98.0



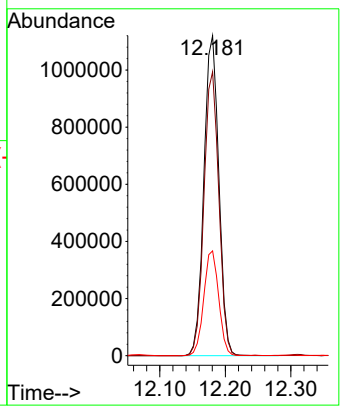


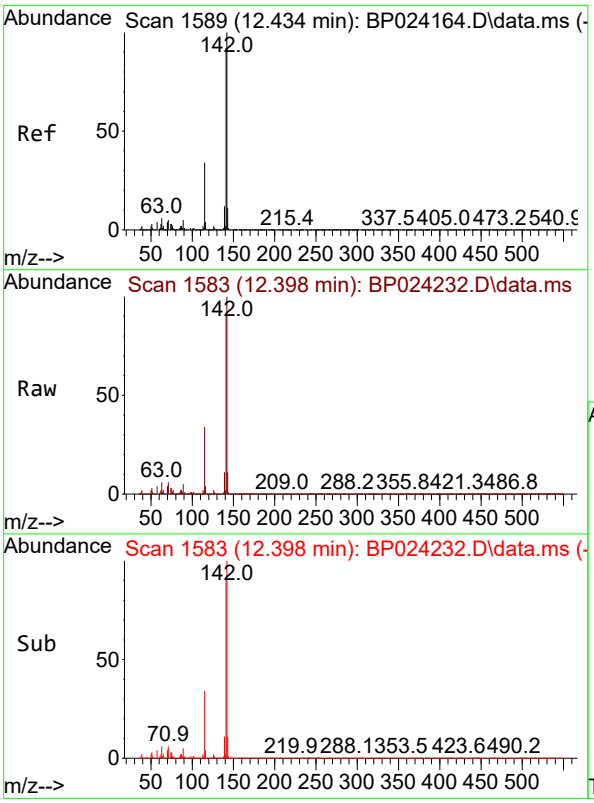
#37
2-Methylnaphthalene
Concen: 43.082 ng
RT: 12.181 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:142 Resp: 1774016

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	32.8	26.0	39.0

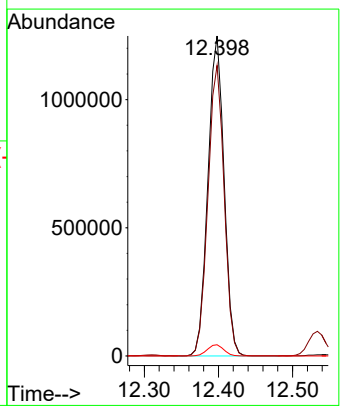


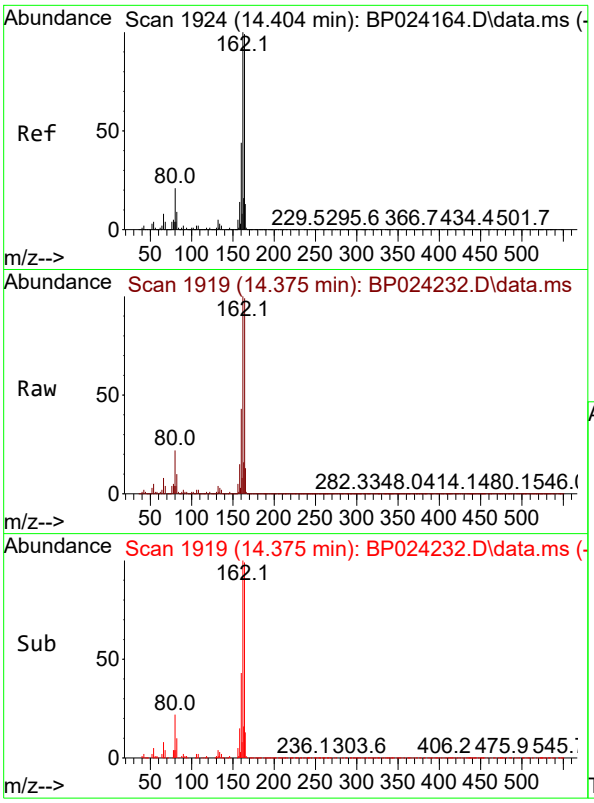


#38
1-Methylnaphthalene
Concen: 46.957 ng
RT: 12.398 min Scan# 1583
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:142 Resp: 1880682

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.9	110.9
116	3.5	2.8	4.2



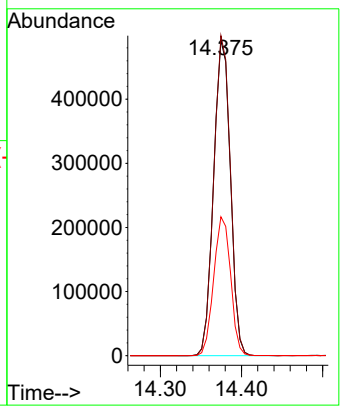


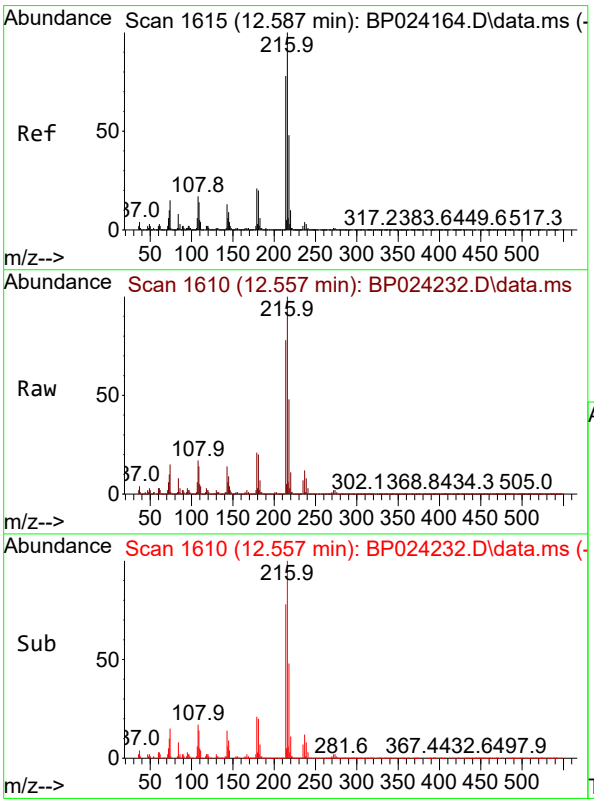
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:164 Resp: 708393

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	121.0
160	44.1	35.4	53.2

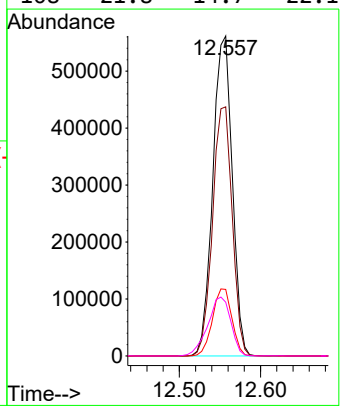


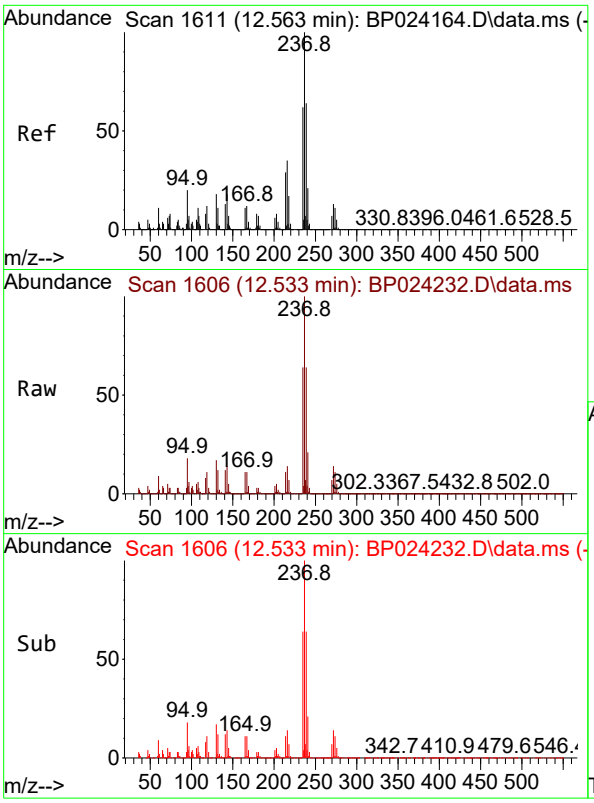


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.744 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:216 Resp: 936735

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.8	94.2
179	21.0	16.8	25.2
108	21.8	14.7	22.1



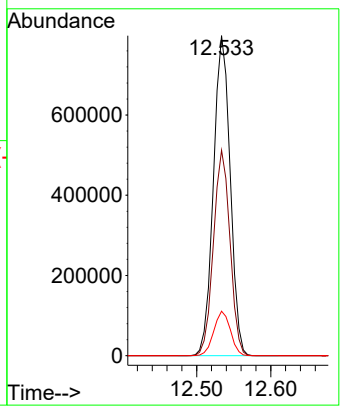


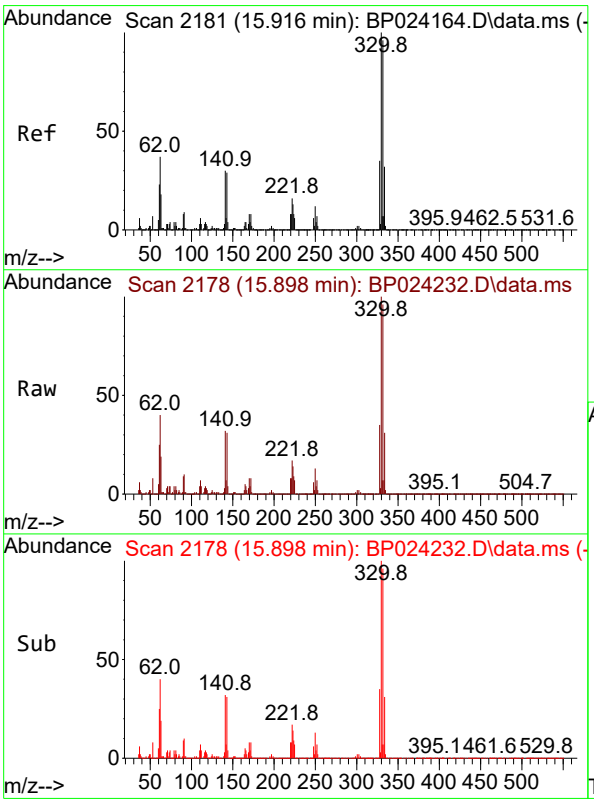
#41
Hexachlorocyclopentadiene
Concen: 169.622 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:237 Resp: 1252054

Ion	Ratio	Lower	Upper
237	100		
235	64.2	41.8	81.8
272	13.9	0.0	33.5

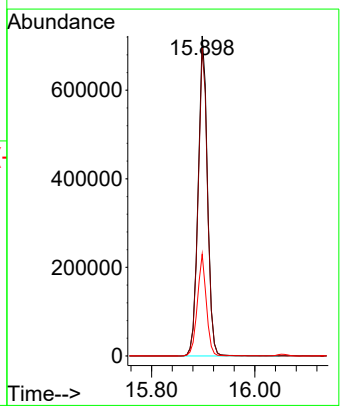


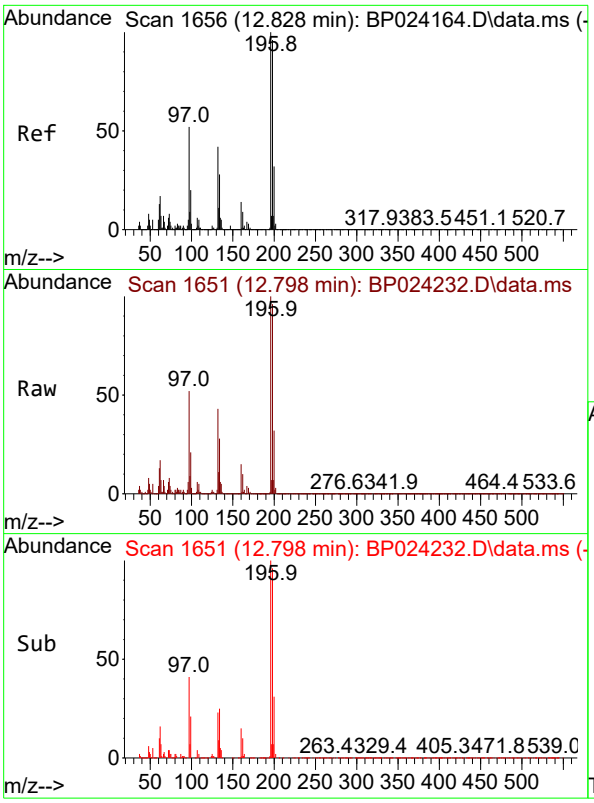


#42
2,4,6-Tribromophenol
Concen: 101.268 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:330 Resp: 903624

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	30.5	25.0	37.6



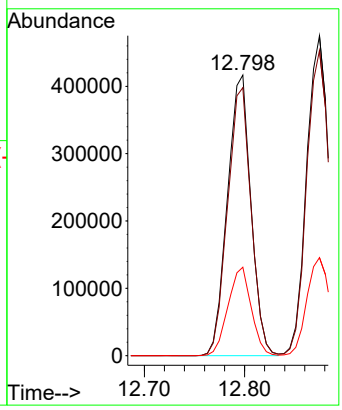


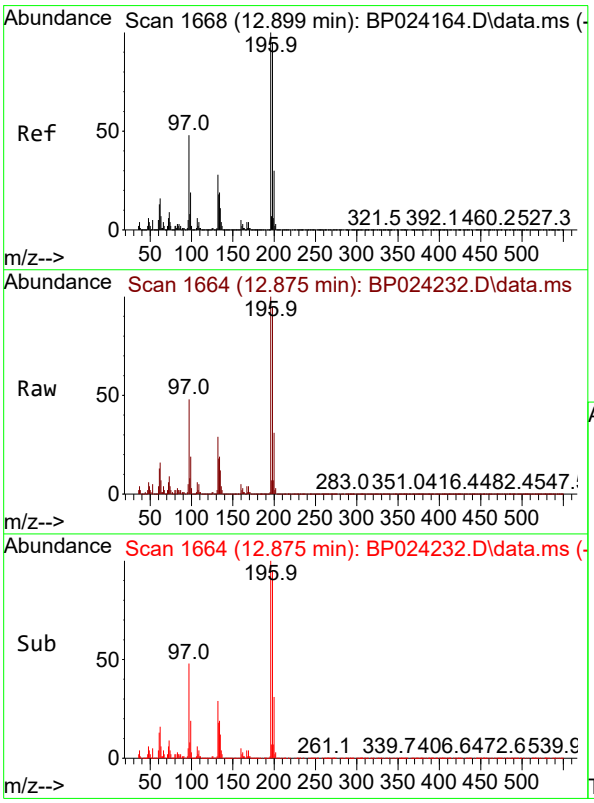
#43
2,4,6-Trichlorophenol
Concen: 52.249 ng
RT: 12.798 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:196 Resp: 679967

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.6	115.0
200	31.5	25.4	38.0

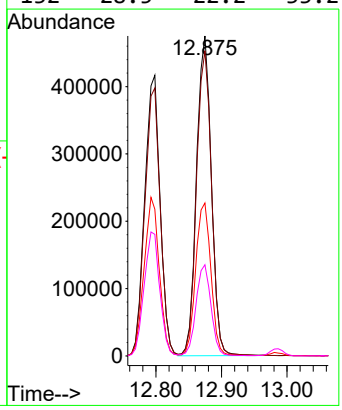


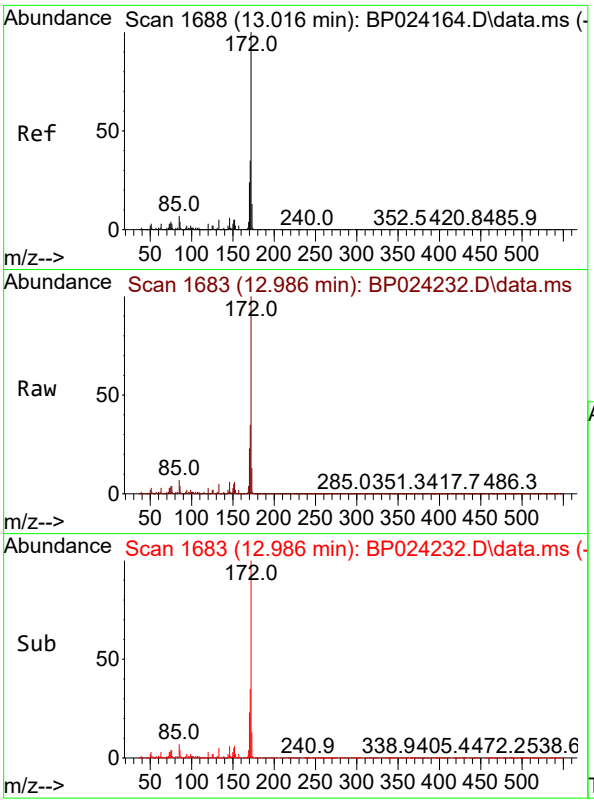


#44
2,4,5-Trichlorophenol
Concen: 52.596 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:196 Resp: 750647

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.5	114.7
97	47.8	38.7	58.1
132	28.5	22.2	33.2



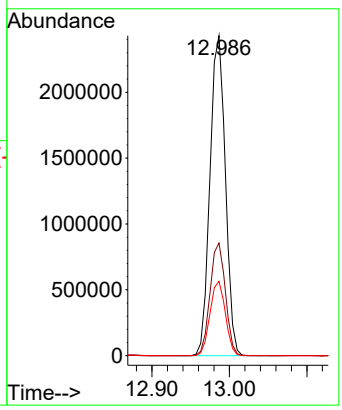


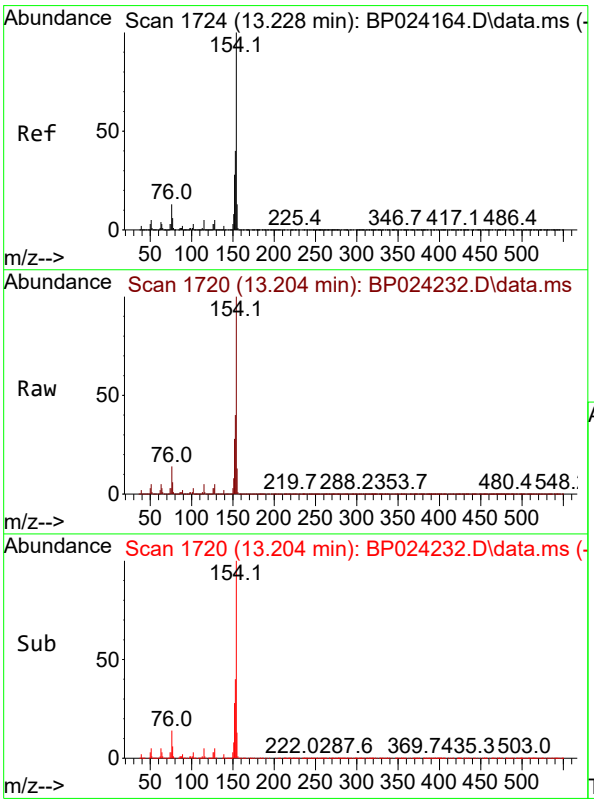
#45
2-Fluorobiphenyl
Concen: 69.774 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:172 Resp: 3352065

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.3	19.0	28.4

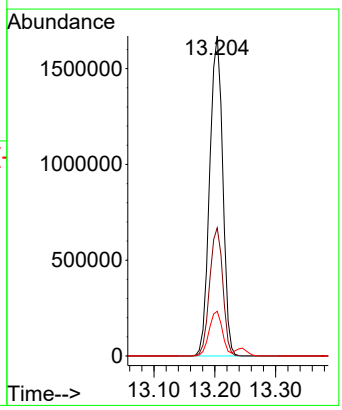


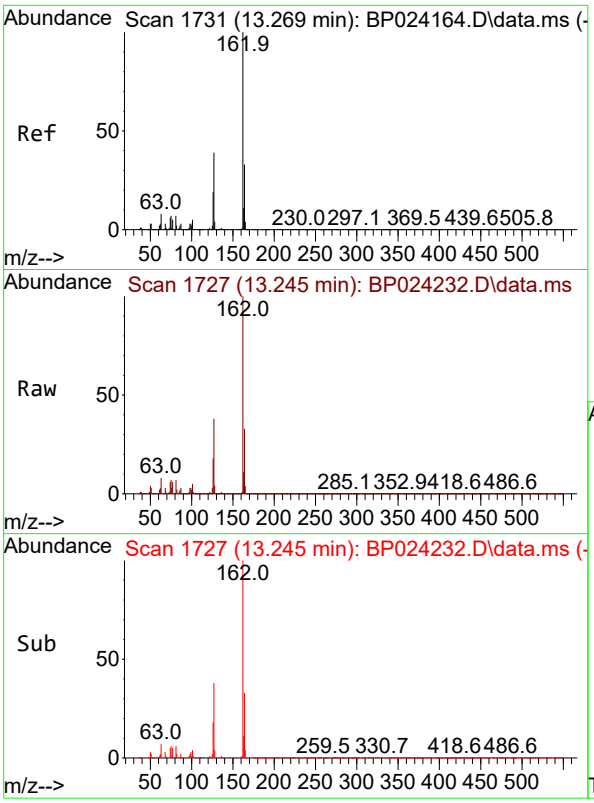


#46
1,1'-Biphenyl
Concen: 46.775 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:154 Resp: 2489932

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	14.0	0.0	32.9



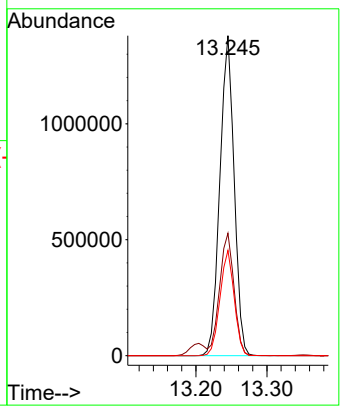


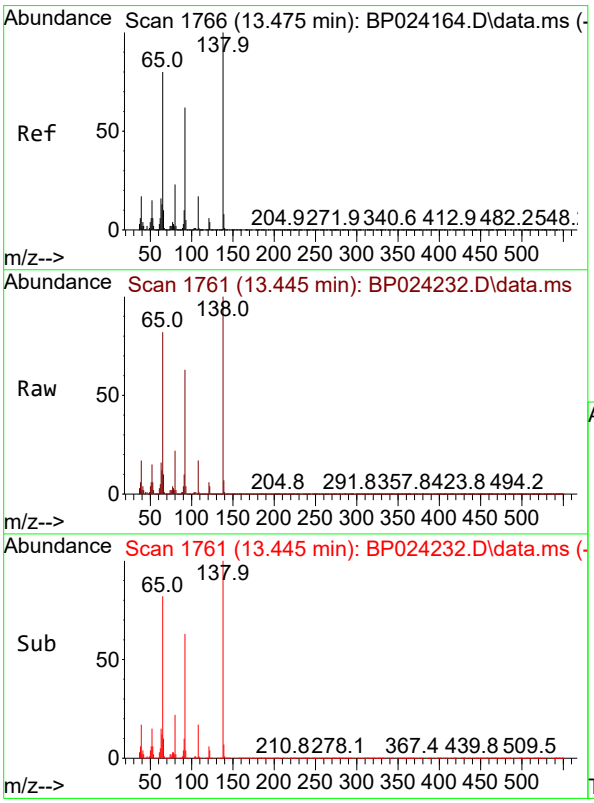
#47
2-Chloronaphthalene
Concen: 47.898 ng
RT: 13.245 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:162 Resp: 1917821

Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.5	47.3
164	32.9	26.6	39.8

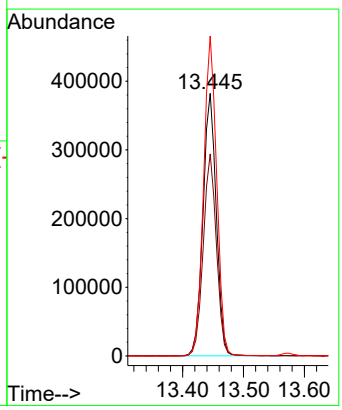


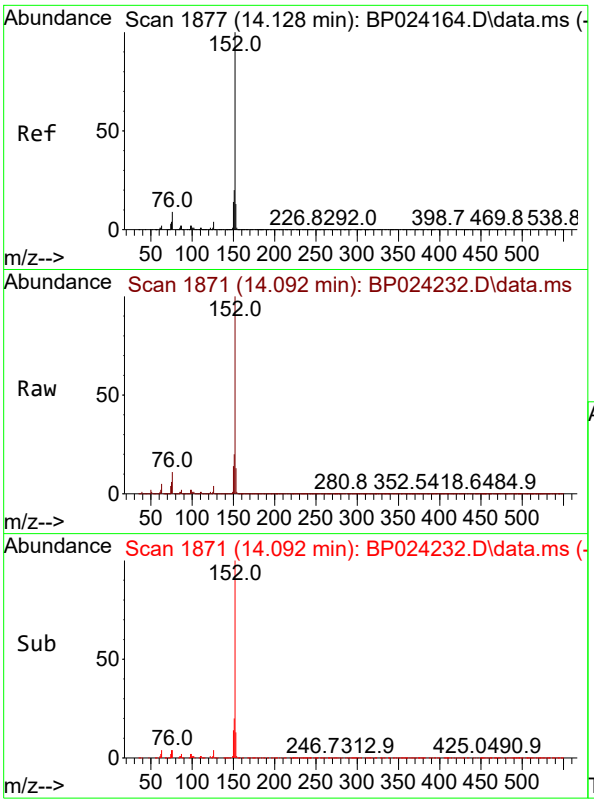


#48
2-Nitroaniline
Concen: 56.728 ng
RT: 13.445 min Scan# 1761
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion: 65 Resp: 580959

Ion	Ratio	Lower	Upper
65	100		
92	77.0	62.1	93.1
138	121.9	99.5	149.3



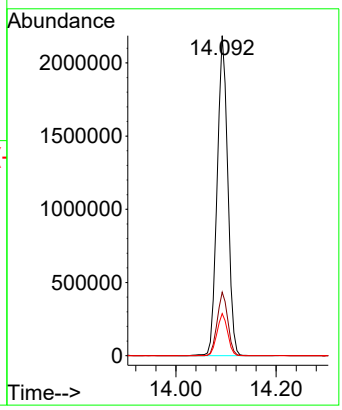


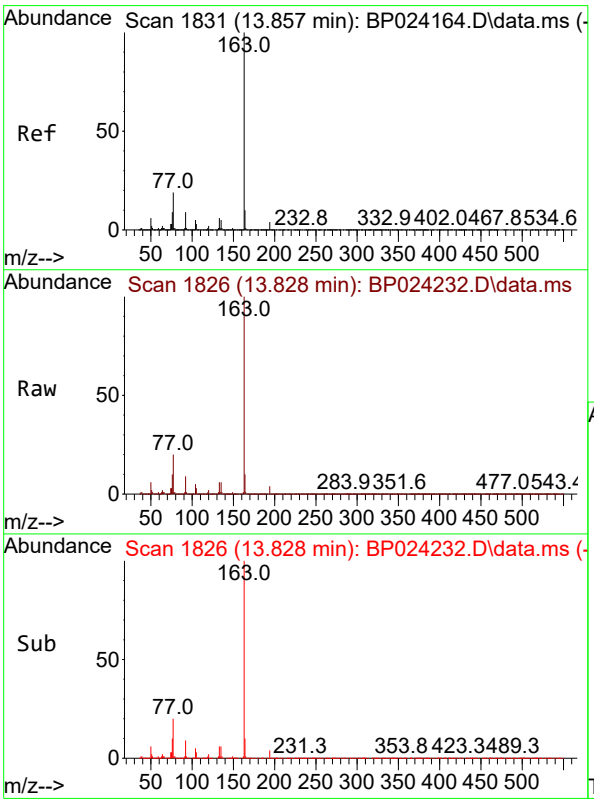
#49
Acenaphthylene
Concen: 52.812 ng
RT: 14.092 min Scan# 1
Delta R.T. -0.036 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:152 Resp: 3199619

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.6	15.8

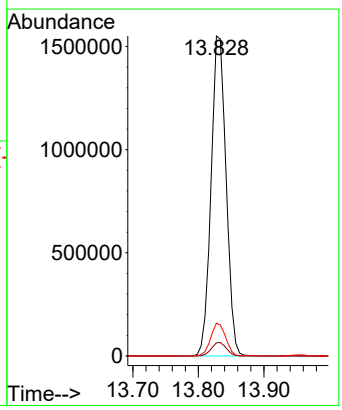


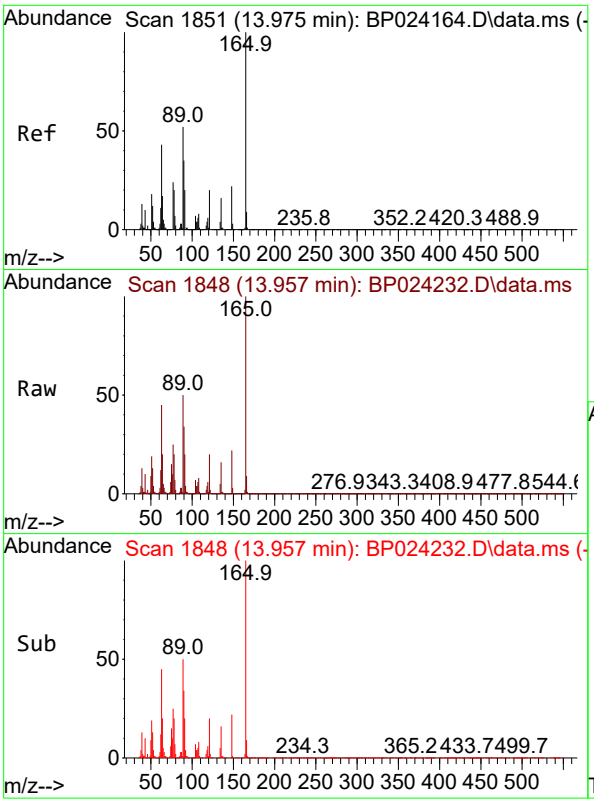


#50
Dimethylphthalate
Concen: 49.732 ng
RT: 13.828 min Scan# 1826
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:163 Resp: 2465120

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.2	12.4



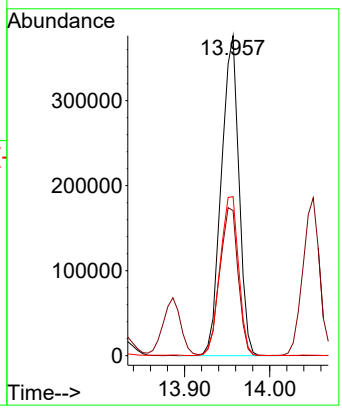


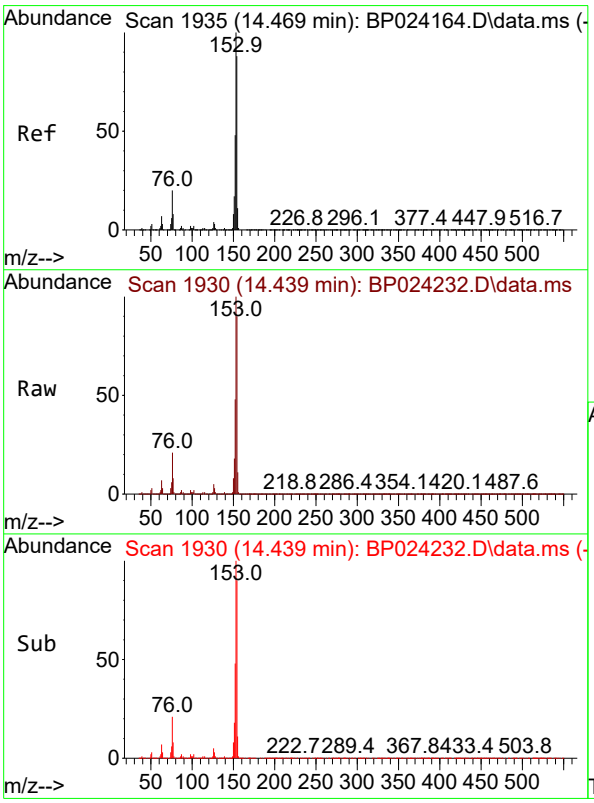
#51
2,6-Dinitrotoluene
Concen: 51.730 ng
RT: 13.957 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:165 Resp: 539503

Ion	Ratio	Lower	Upper
165	100		
63	45.3	37.7	56.5
89	49.7	41.9	62.9

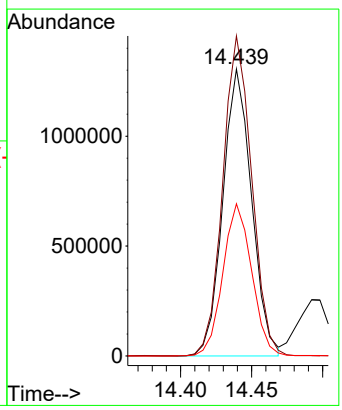


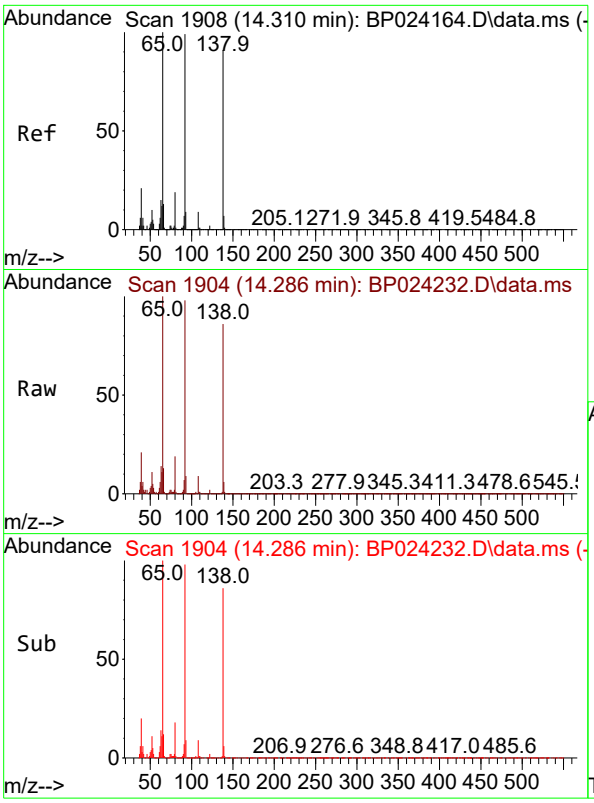


#52
Acenaphthene
Concen: 47.482 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.030 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:154 Resp: 1837985

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.5	135.7
152	53.1	43.1	64.7



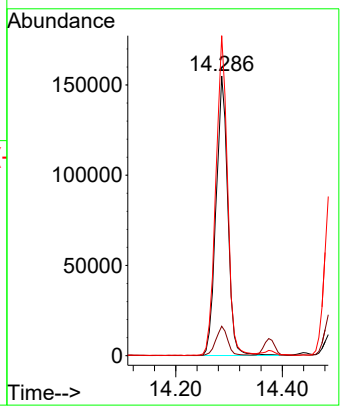


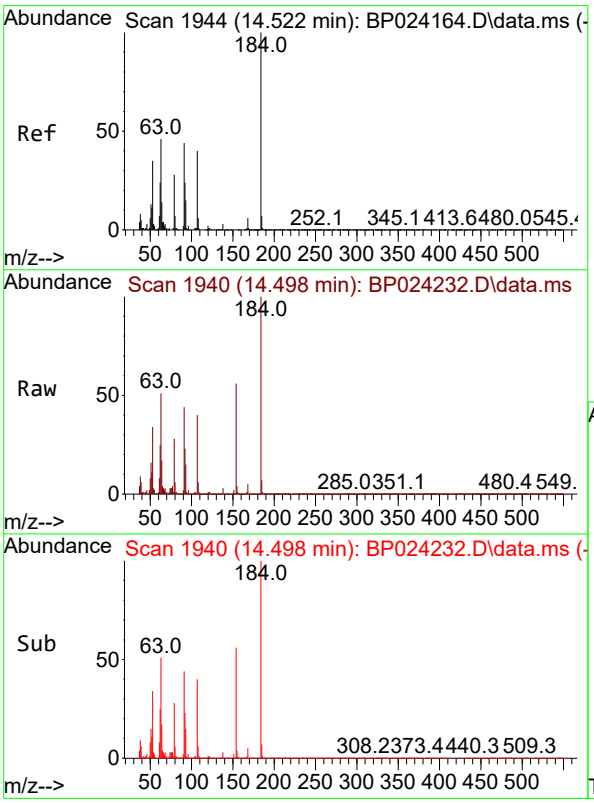
#53
3-Nitroaniline
Concen: 20.991 ng
RT: 14.286 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:138 Resp: 236450

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.2
92	114.4	86.7	130.1

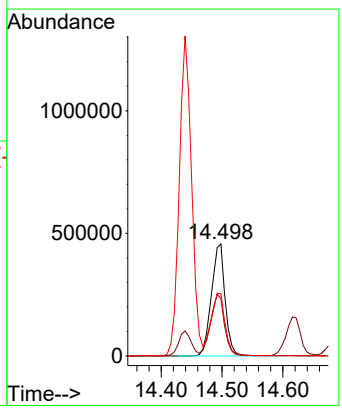


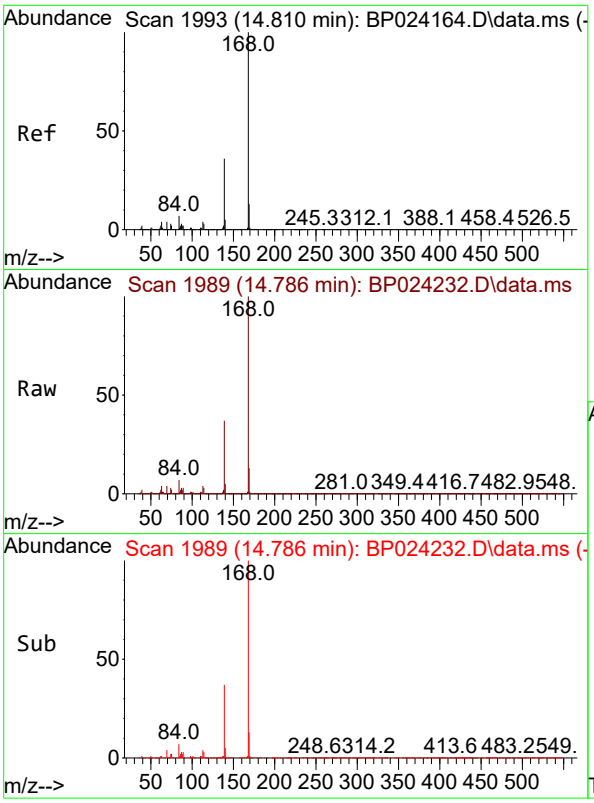


#54
2,4-Dinitrophenol
Concen: 129.700 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:184 Resp: 715742

Ion	Ratio	Lower	Upper
184	100		
63	51.3	42.1	63.1
154	55.6	44.6	67.0



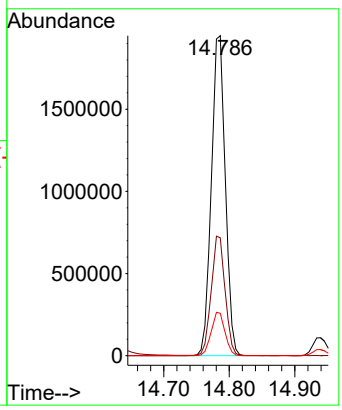


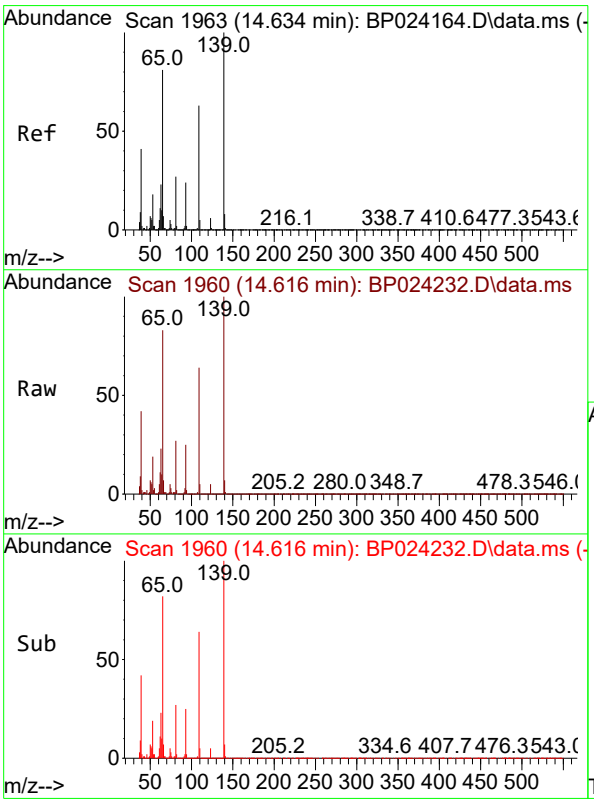
#55
Dibenzofuran
Concen: 45.805 ng
RT: 14.786 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:168 Resp: 2872093

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.1	43.7
169	13.3	10.8	16.2

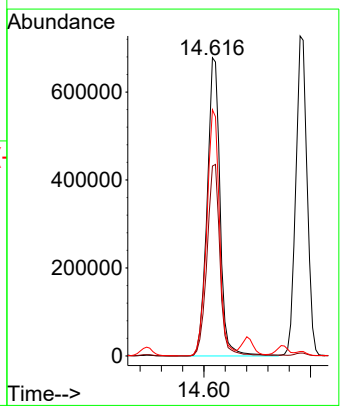


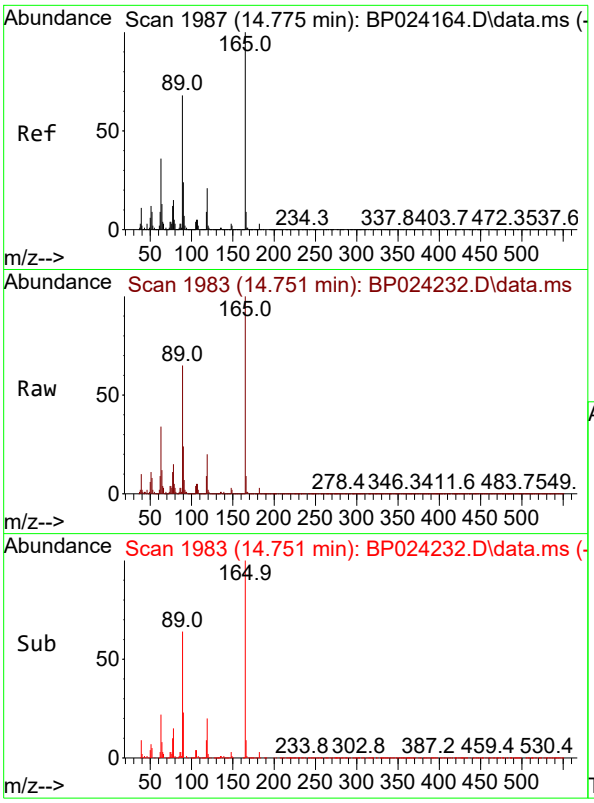


#56
4-Nitrophenol
Concen: 121.546 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:139 Resp: 1144006

Ion	Ratio	Lower	Upper
139	100		
109	63.7	43.3	83.3
65	82.6	61.2	101.2



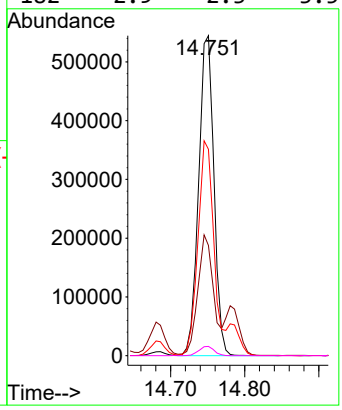


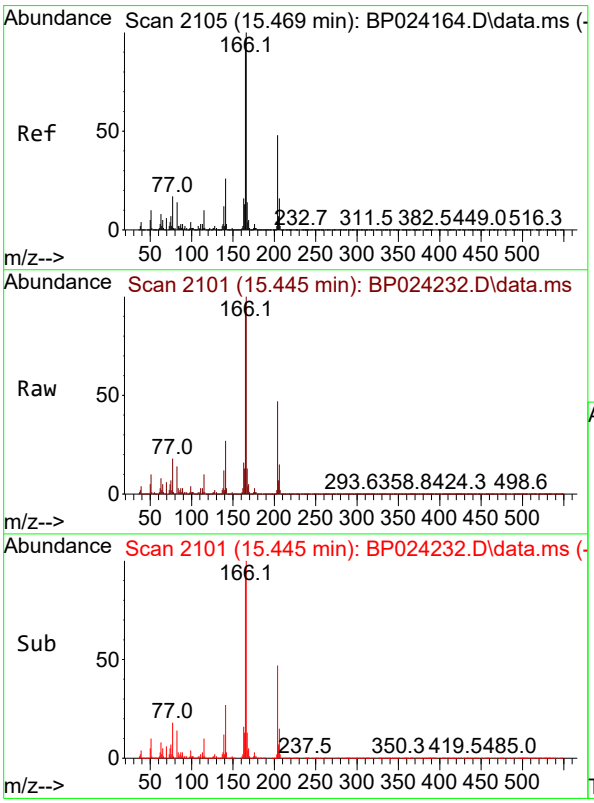
#57
2,4-Dinitrotoluene
Concen: 56.551 ng
RT: 14.751 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:165 Resp: 779044

Ion	Ratio	Lower	Upper
165	100		
63	34.5	29.0	43.6
89	64.5	54.2	81.4
182	2.9	2.3	3.5

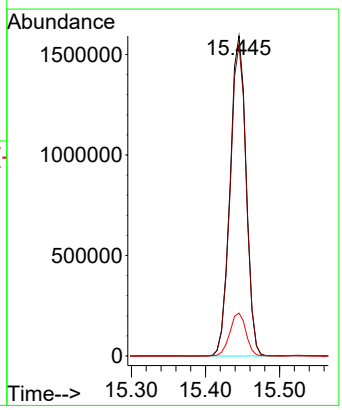


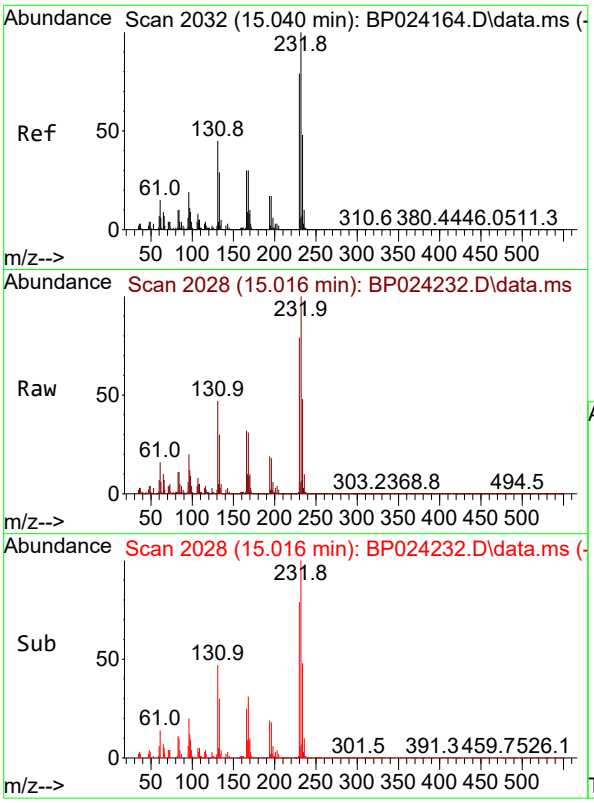


#58
Fluorene
Concen: 48.890 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:166 Resp: 2388449

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.6	116.4
167	13.4	10.8	16.2



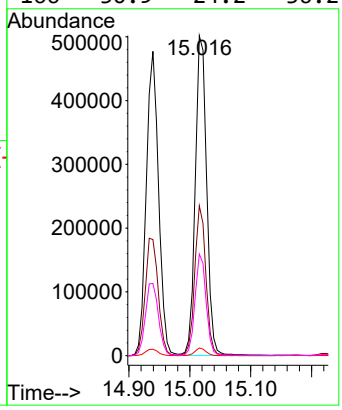


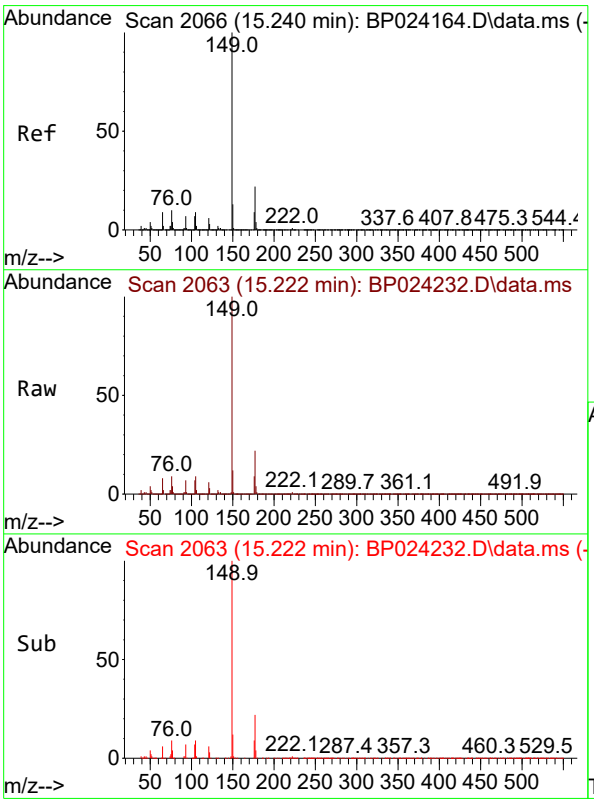
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.641 ng
RT: 15.016 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:232 Resp: 651159

Ion	Ratio	Lower	Upper
232	100		
131	46.1	35.9	53.9
130	2.3	1.8	2.6
166	30.9	24.2	36.2

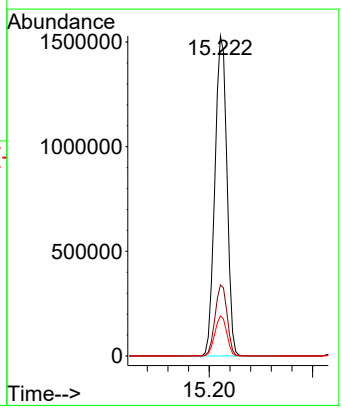


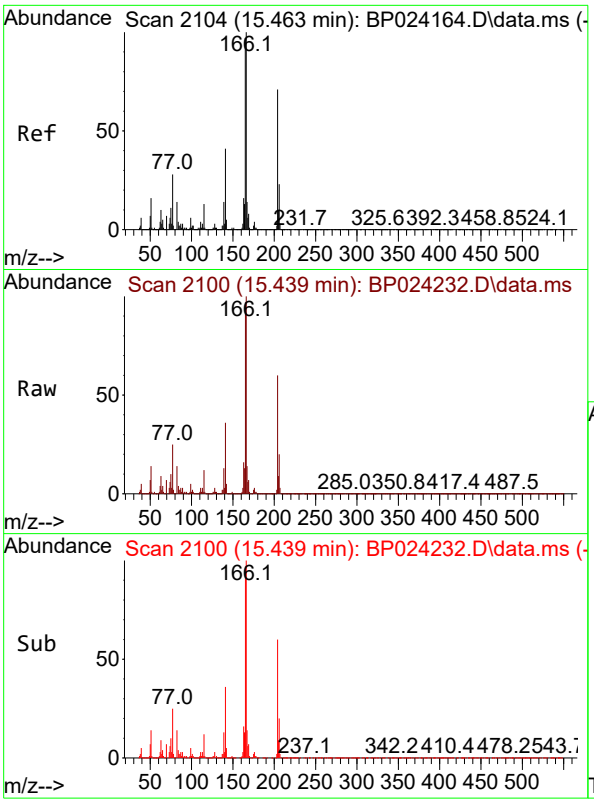


#60
Diethylphthalate
Concen: 49.967 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:149 Resp: 2466418

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.5	10.2	15.4



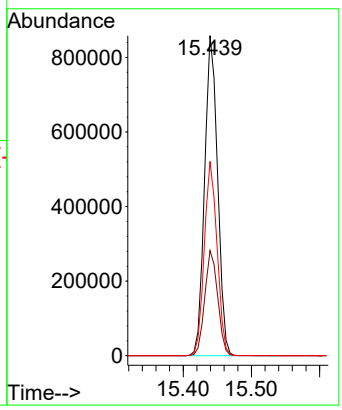


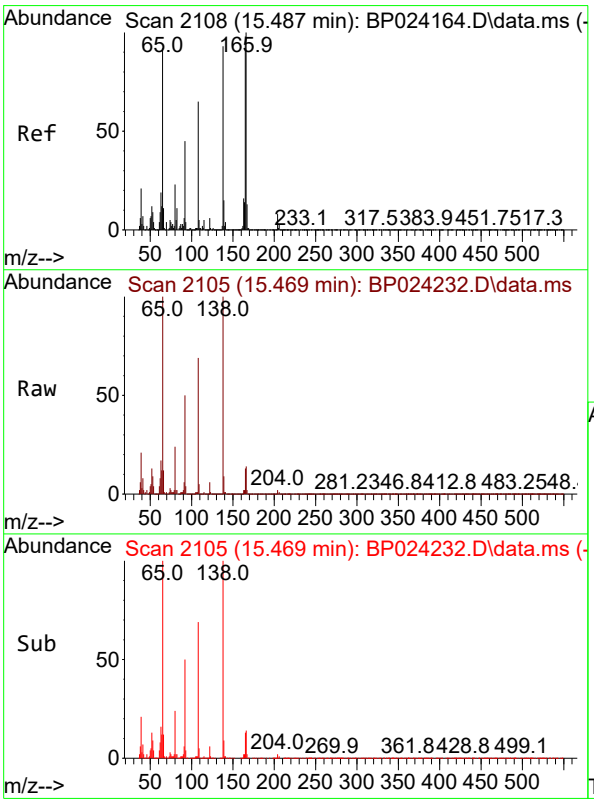
#61
4-Chlorophenyl-phenylether
Concen: 47.546 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:204 Resp: 1139270

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	60.7	45.8	68.8

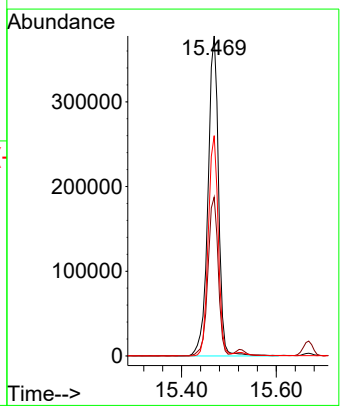


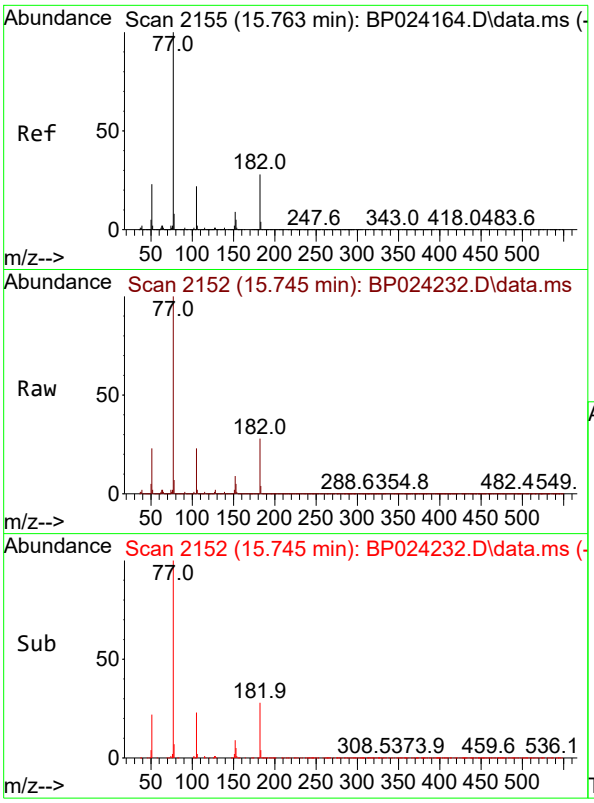


#62
4-Nitroaniline
Concen: 49.562 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:138 Resp: 585528

Ion	Ratio	Lower	Upper
138	100		
92	49.6	28.7	68.7
108	68.9	49.5	89.5



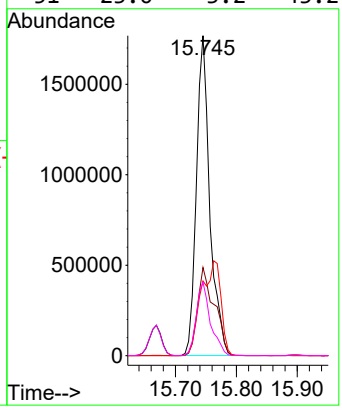


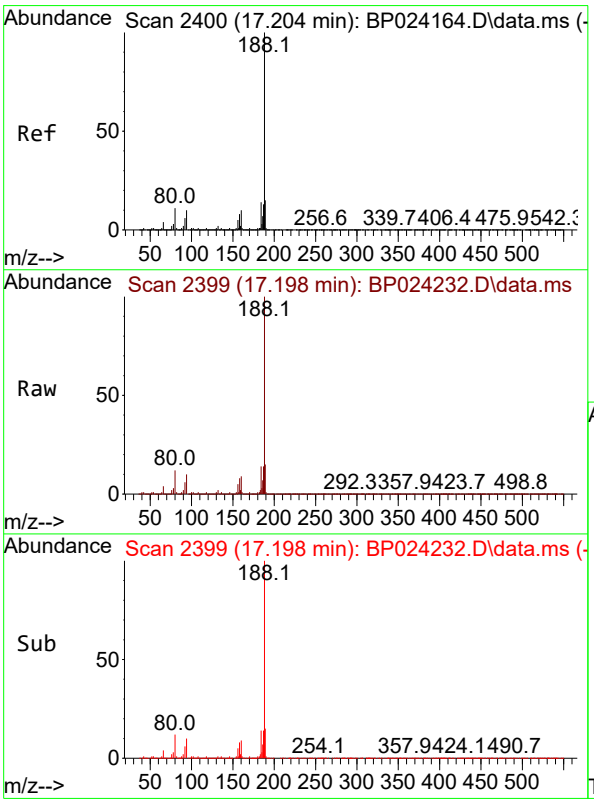
#63
Azobenzene
Concen: 58.192 ng
RT: 15.745 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion: 77 Resp: 2707344

Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.7	47.7
105	23.3	2.3	42.3
51	23.0	3.2	43.2

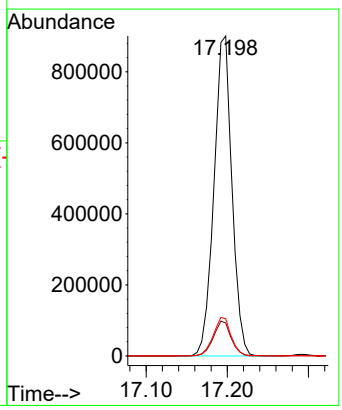


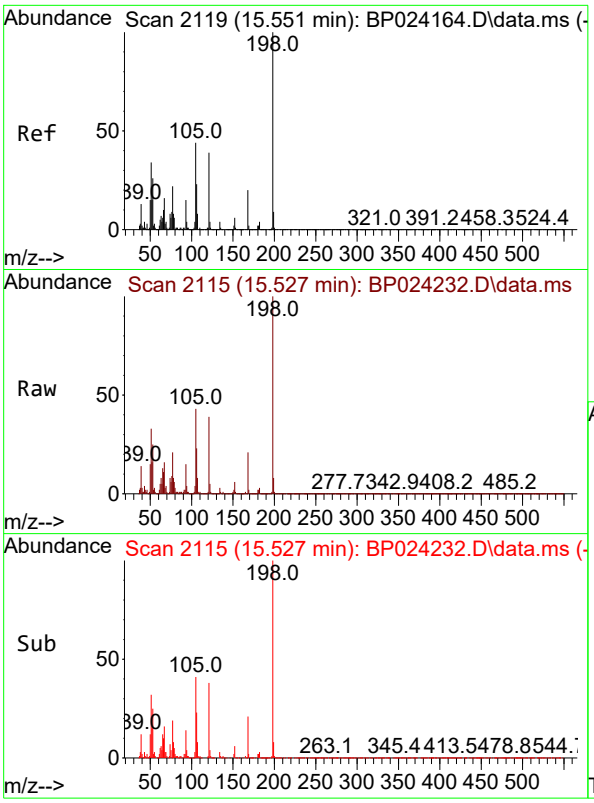


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:188 Resp: 1387592

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.6	8.9	13.3



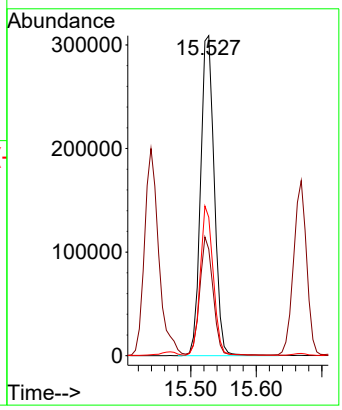


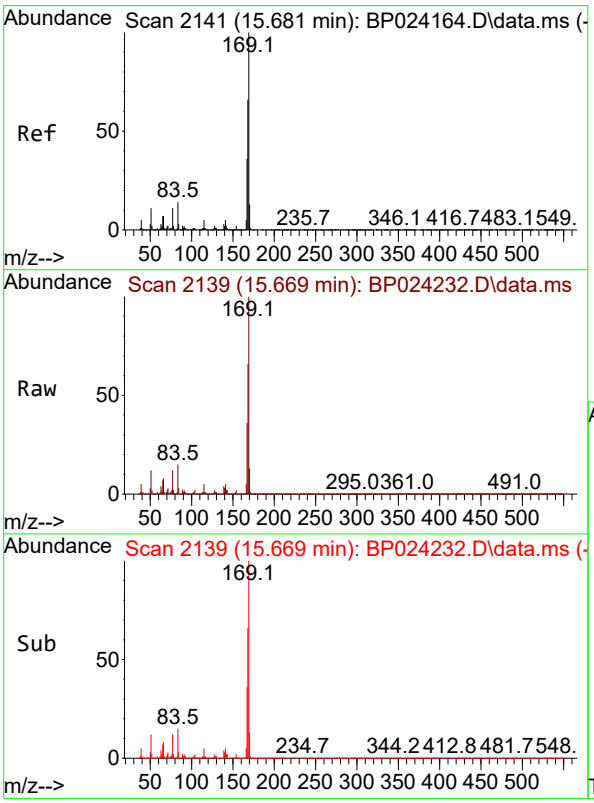
#65
4,6-Dinitro-2-methylphenol
Concen: 54.343 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:198 Resp: 447652

Ion	Ratio	Lower	Upper
198	100		
51	33.3	14.7	54.7
105	43.2	23.8	63.8

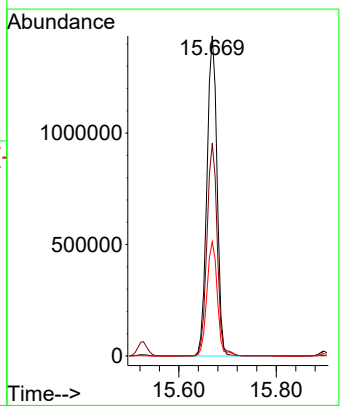


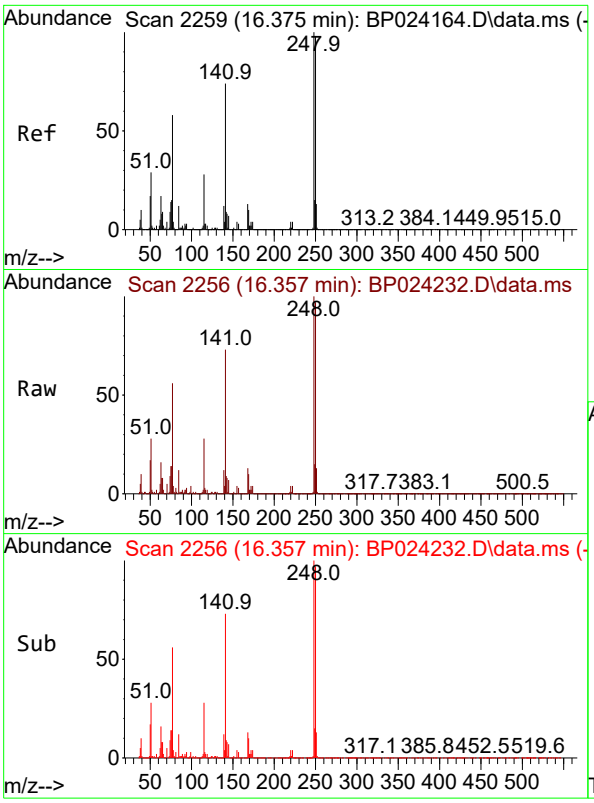


#66
n-Nitrosodiphenylamine
Concen: 48.811 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:169 Resp: 2056703

Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.9	79.3
167	35.7	28.8	43.2



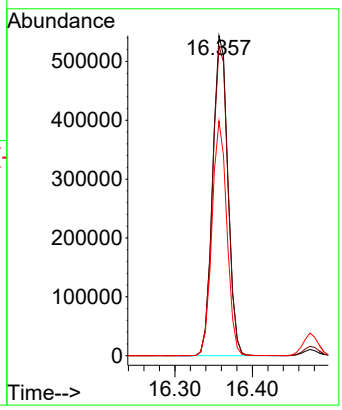


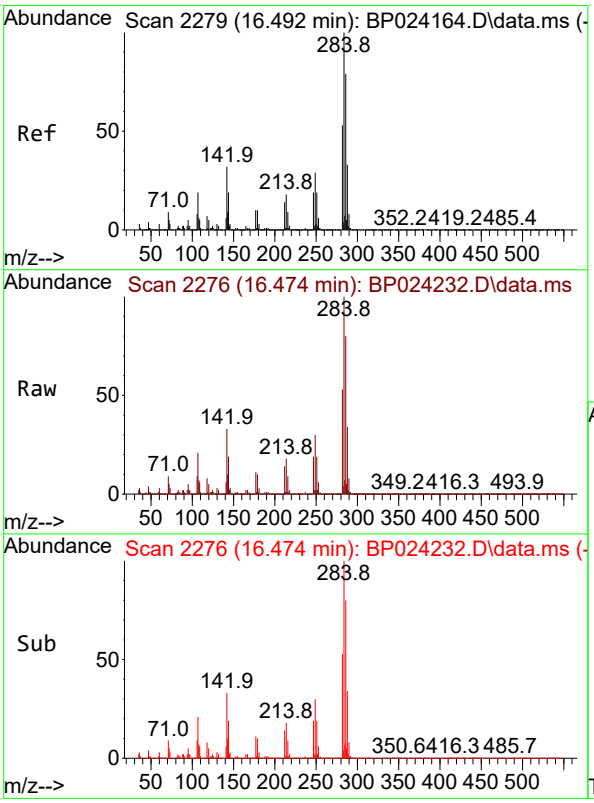
#67
4-Bromophenyl-phenylether
Concen: 48.644 ng
RT: 16.357 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:248 Resp: 741067

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.4	117.6
141	73.3	59.4	89.0

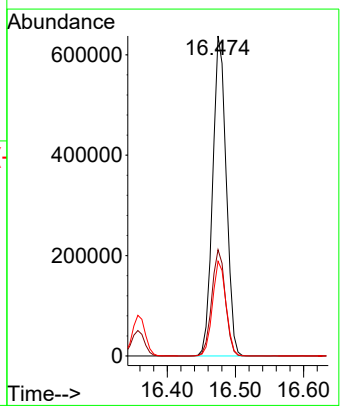


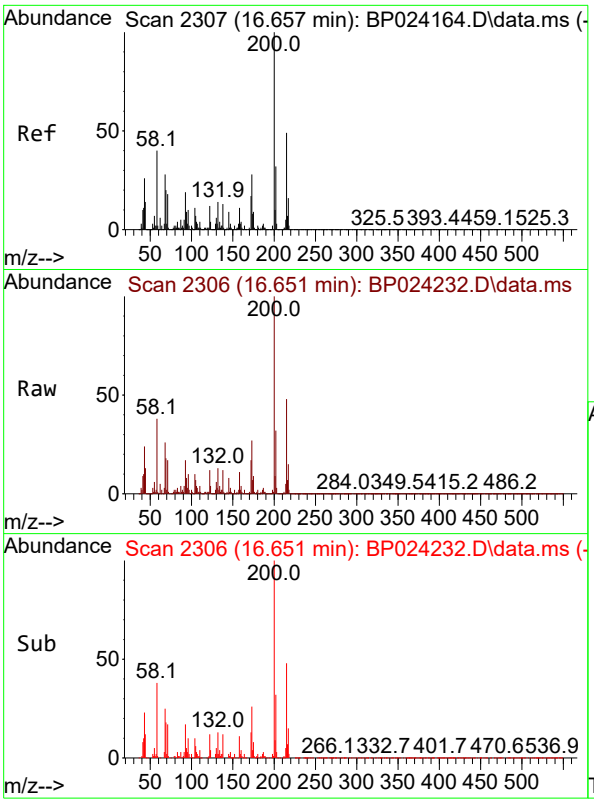


#68
Hexachlorobenzene
Concen: 48.828 ng
RT: 16.474 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:284 Resp: 880437

Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.4	38.2
249	29.6	23.5	35.3



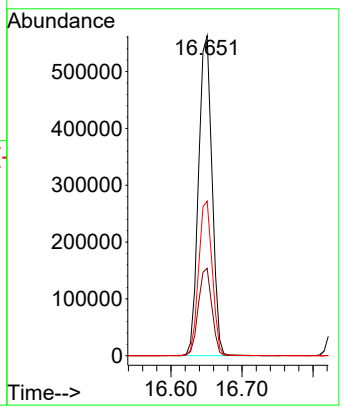


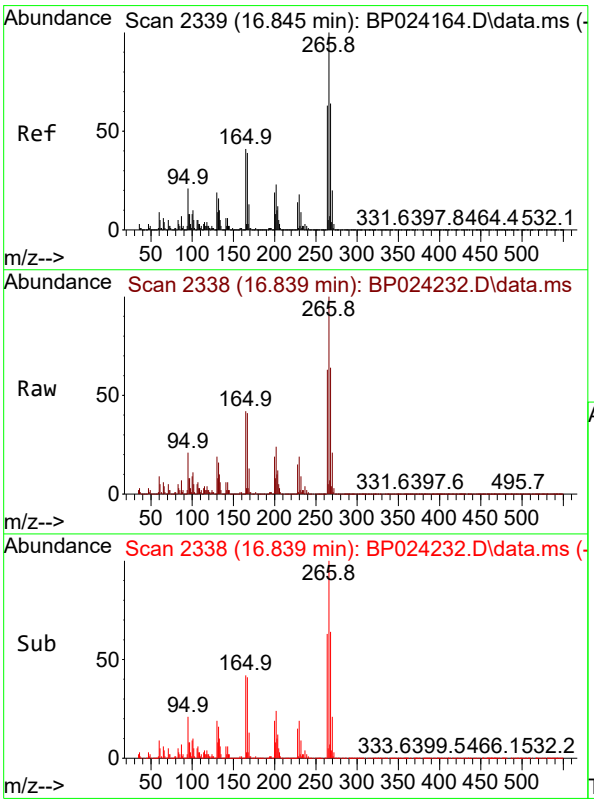
#69
Atrazine
Concen: 73.394 ng
RT: 16.651 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:200 Resp: 746444

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	48.3	29.0	69.0

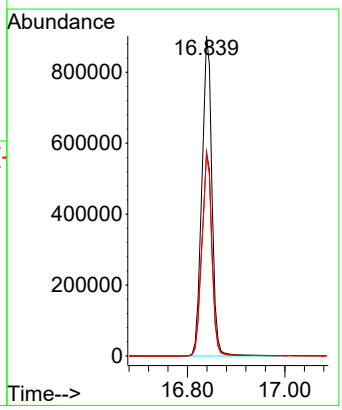


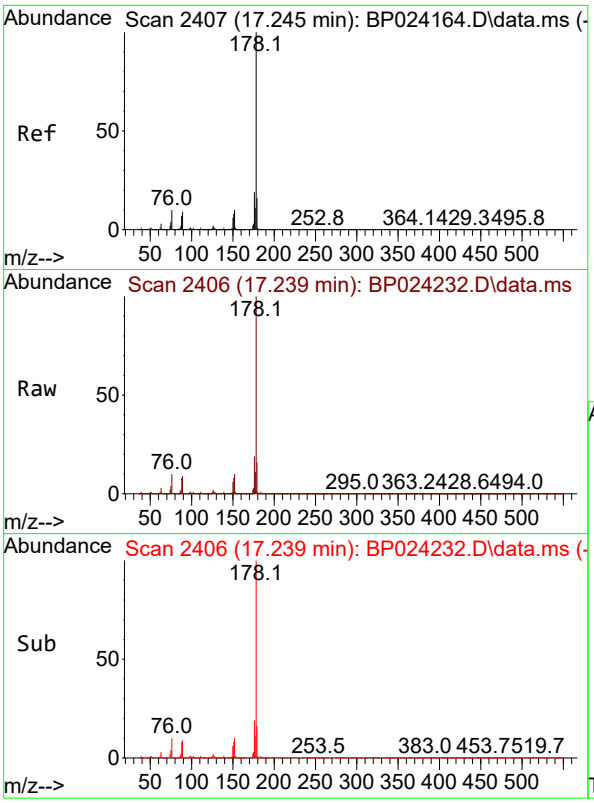


#70
Pentachlorophenol
Concen: 110.236 ng
RT: 16.839 min Scan# 2338
Delta R.T. -0.006 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:266 Resp: 1285435

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.3	76.9
264	62.9	50.6	76.0



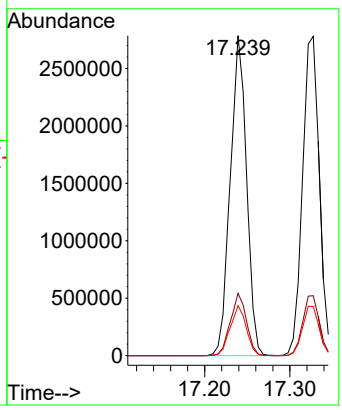


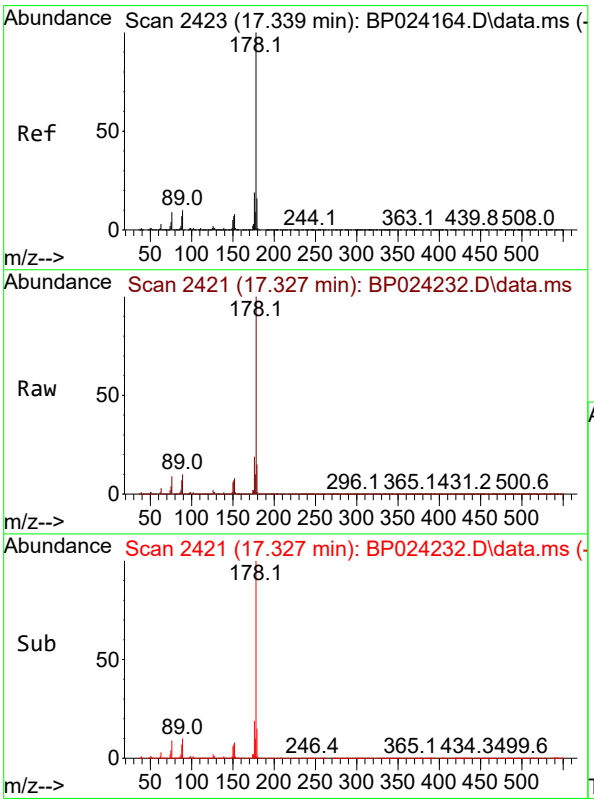
#71
Phenanthrene
Concen: 48.874 ng
RT: 17.239 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:178 Resp: 3704795

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.6	12.5	18.7

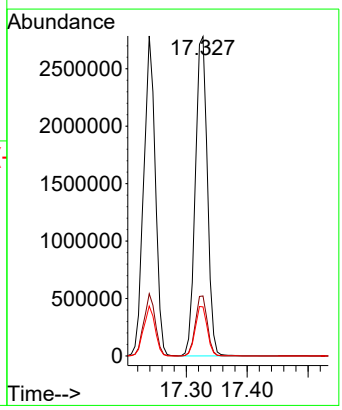


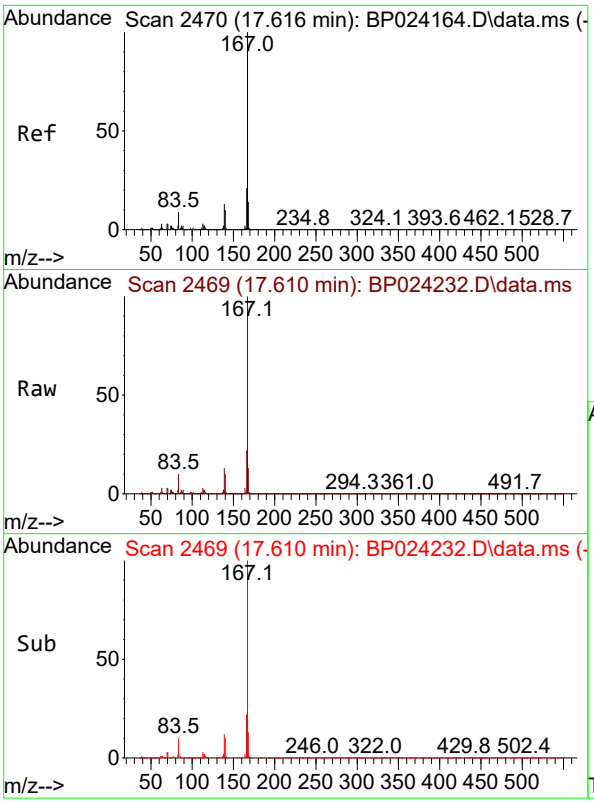


#72
Anthracene
Concen: 51.575 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:178 Resp: 3807745

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.4	12.6	18.8



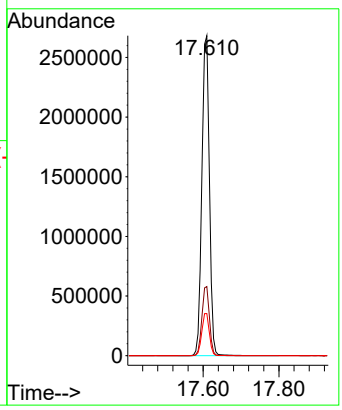


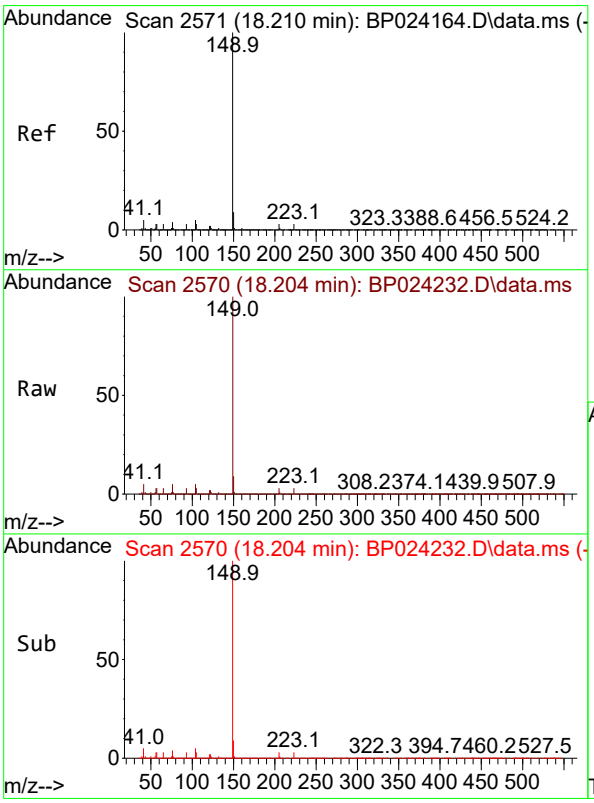
#73
Carbazole
Concen: 51.955 ng
RT: 17.610 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:167 Resp: 3699204

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.2	10.2	15.4

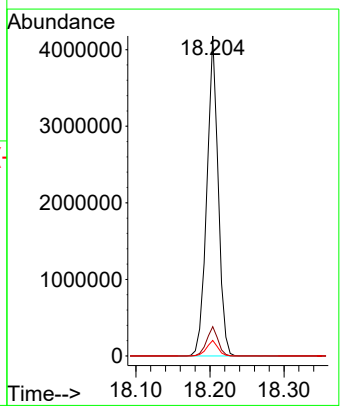


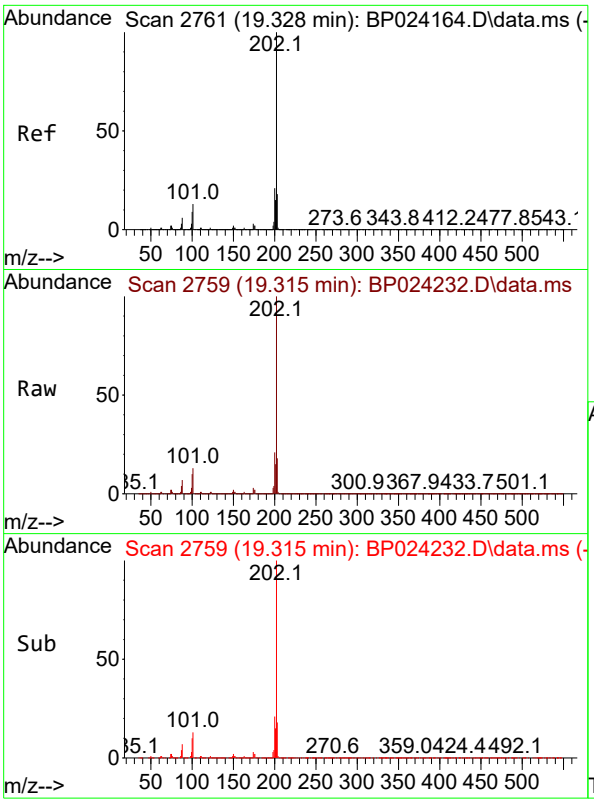


#74
Di-n-butylphthalate
Concen: 52.359 ng
RT: 18.204 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:149 Resp: 4425488

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.8	3.9	5.9



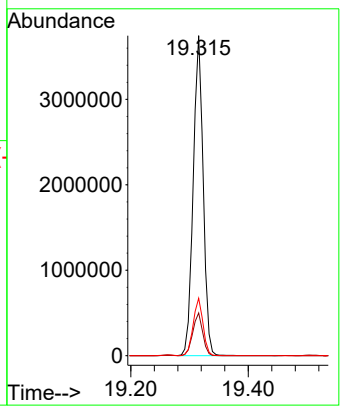


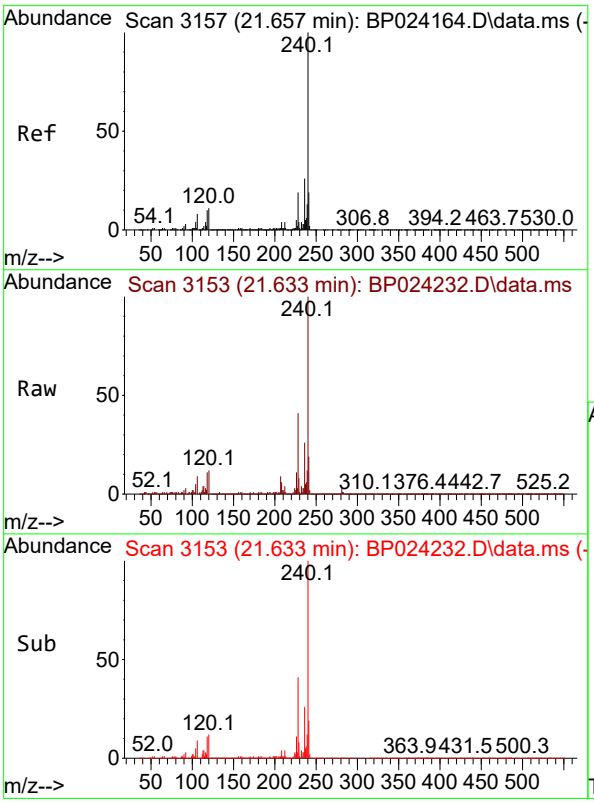
#75
Fluoranthene
Concen: 50.272 ng
RT: 19.315 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:202 Resp: 4413531

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.5
203	17.9	0.0	37.9

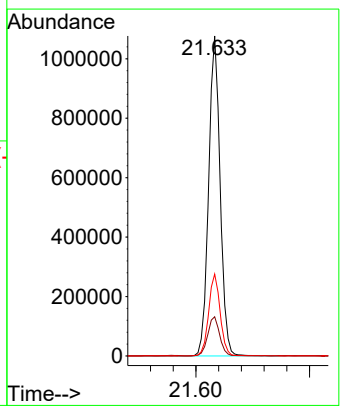


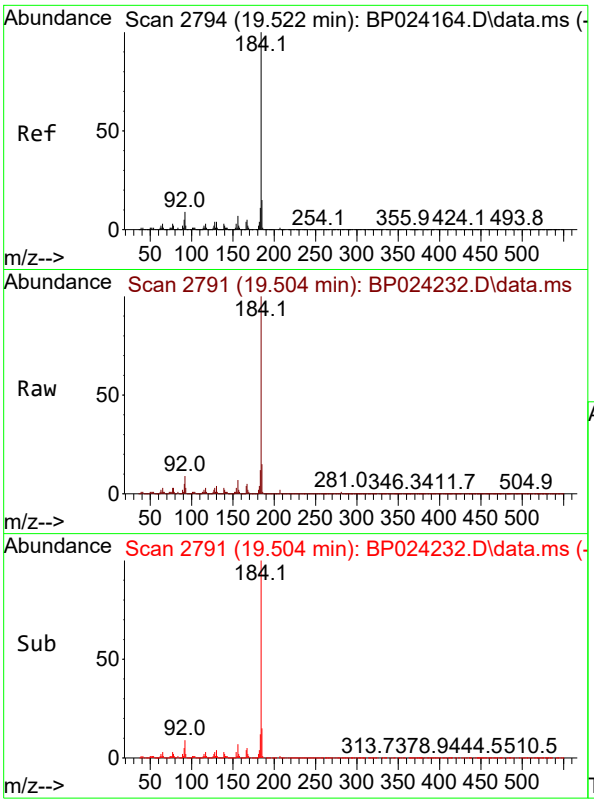


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:240 Resp: 1504352

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.2	13.8
236	25.6	20.4	30.6



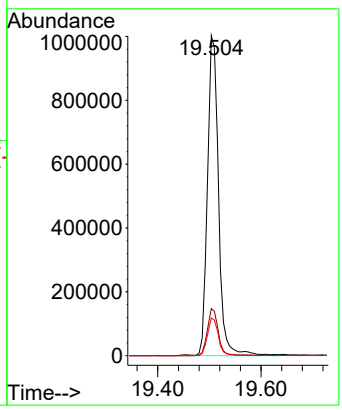


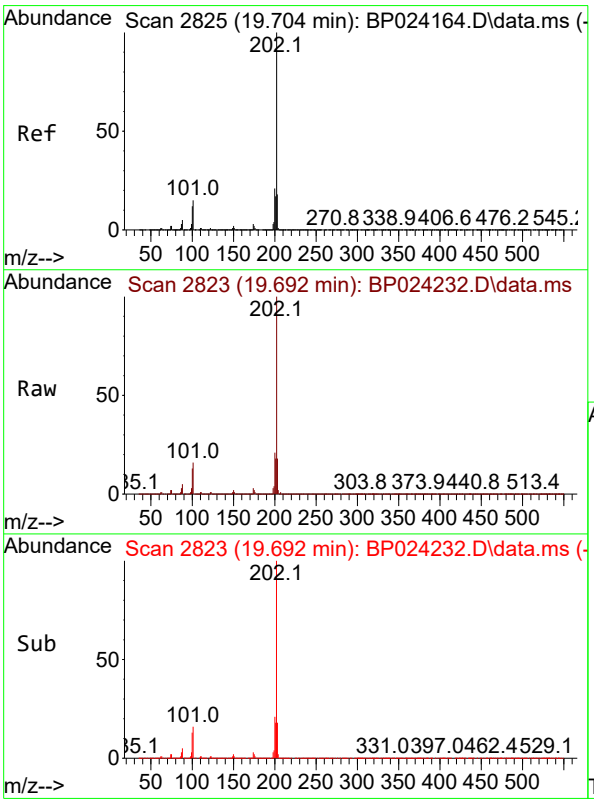
#77
Benzidine
Concen: 90.495 ng
RT: 19.504 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:184 Resp: 1488430

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.7	9.1	13.7

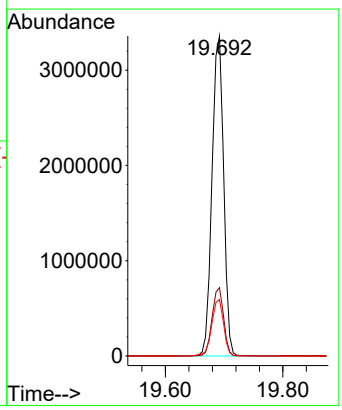


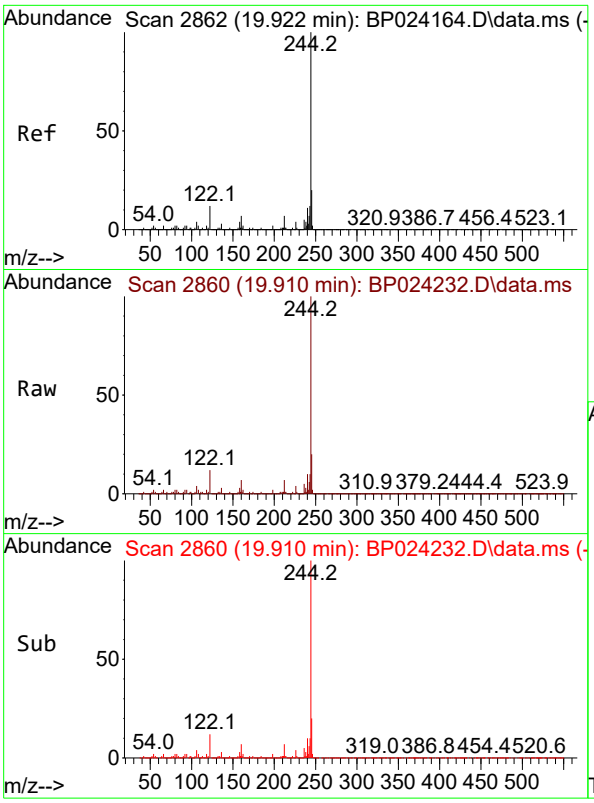


#78
Pyrene
Concen: 49.326 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:202 Resp: 4613212

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.6	14.2	21.4



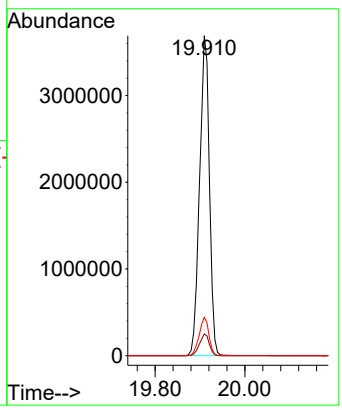


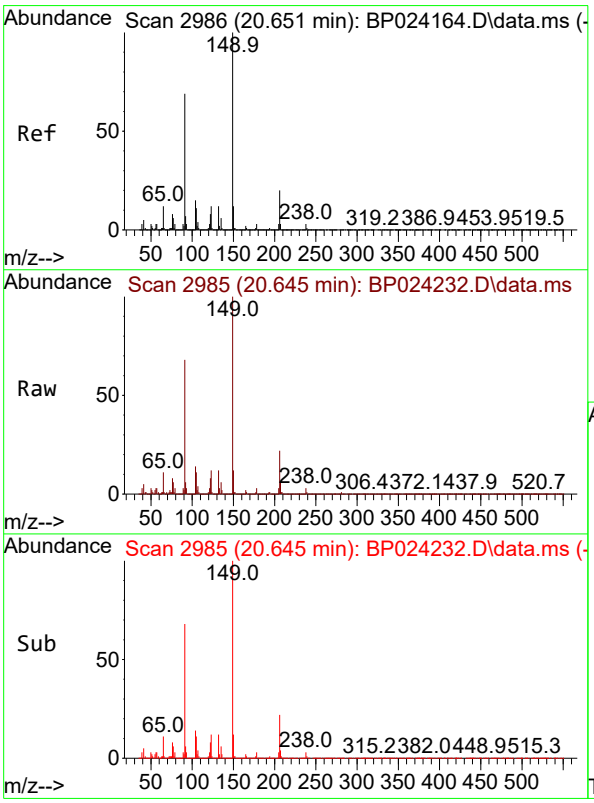
#79
Terphenyl-d14
Concen: 76.697 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:244 Resp: 5589464

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.0	9.6	14.4

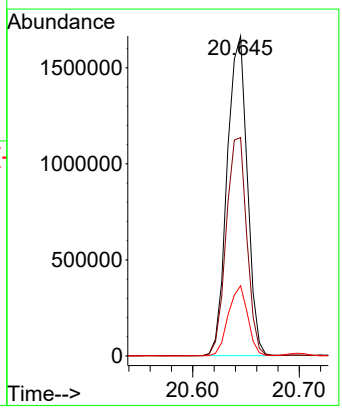


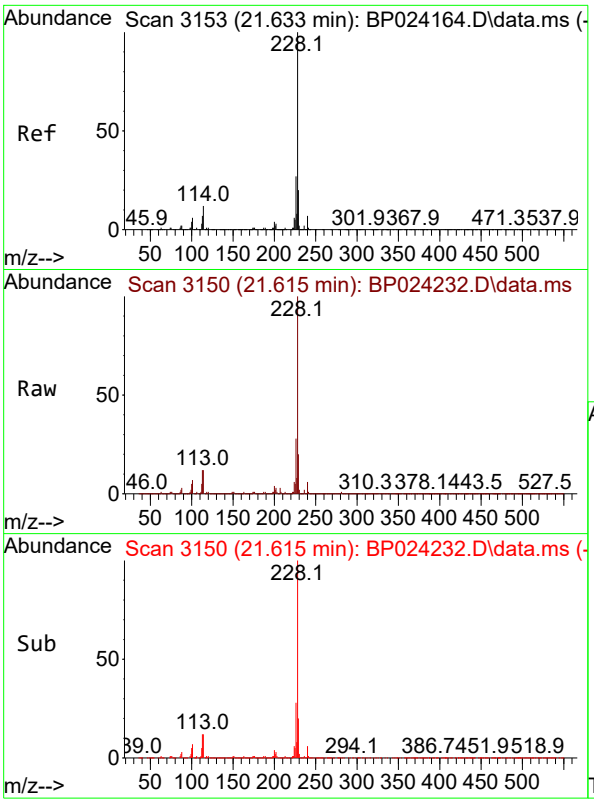


#80
Butylbenzylphthalate
Concen: 56.552 ng
RT: 20.645 min Scan# 2985
Delta R.T. -0.006 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:149 Resp: 2181081

Ion	Ratio	Lower	Upper
149	100		
91	68.3	55.3	82.9
206	21.9	16.1	24.1



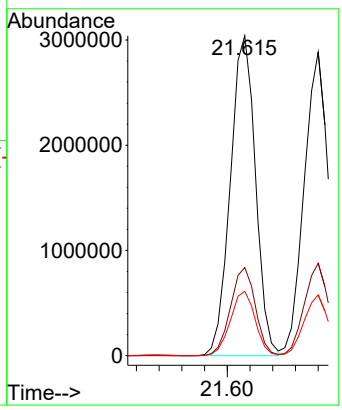


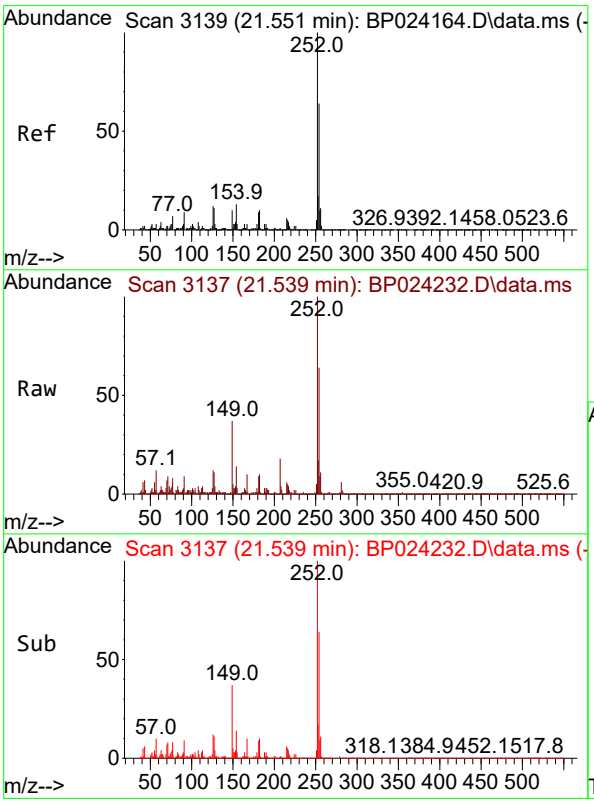
#81
Benzo(a)anthracene
Concen: 49.914 ng
RT: 21.615 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:228 Resp: 4668390

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.1	16.0	24.0

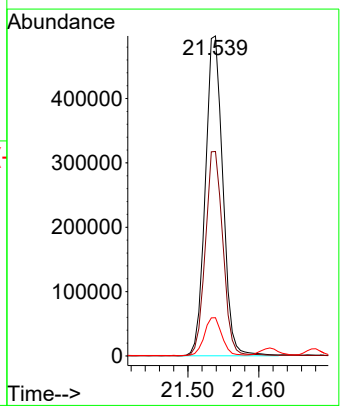


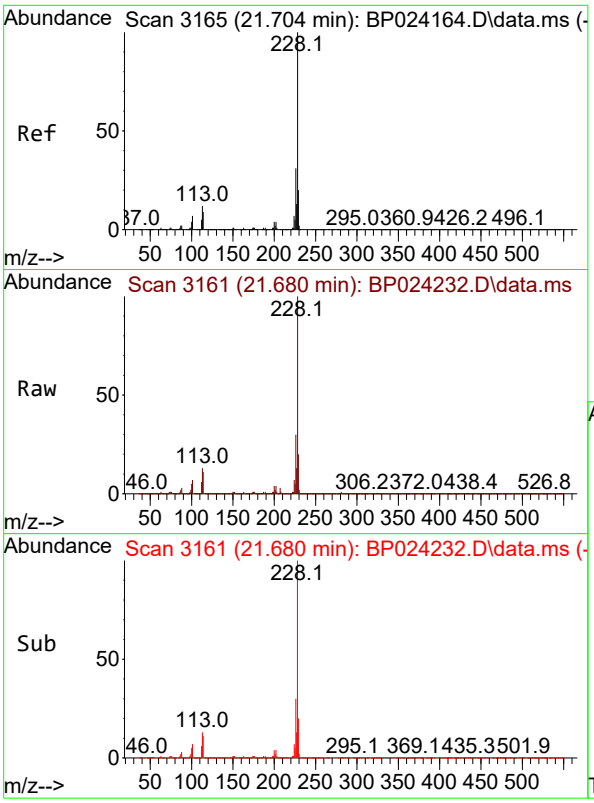


#82
3,3'-Dichlorobenzidine
Concen: 27.169 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:252 Resp: 851663

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.2
126	12.0	9.3	13.9



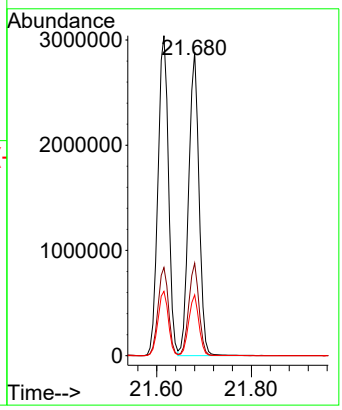


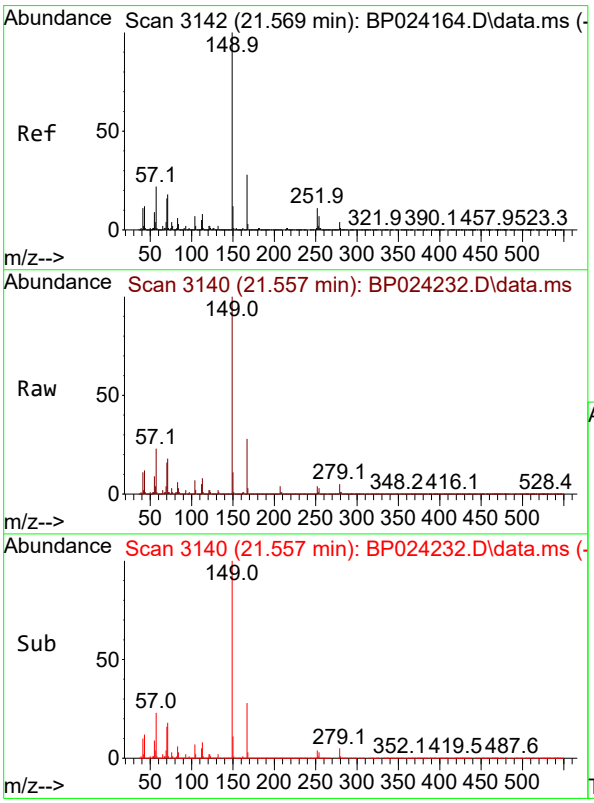
#83
Chrysene
Concen: 48.779 ng
RT: 21.680 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:228 Resp: 4385837

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	20.0	16.2	24.2

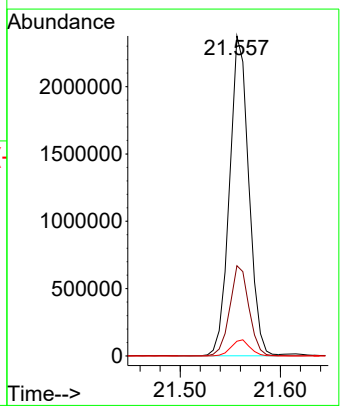


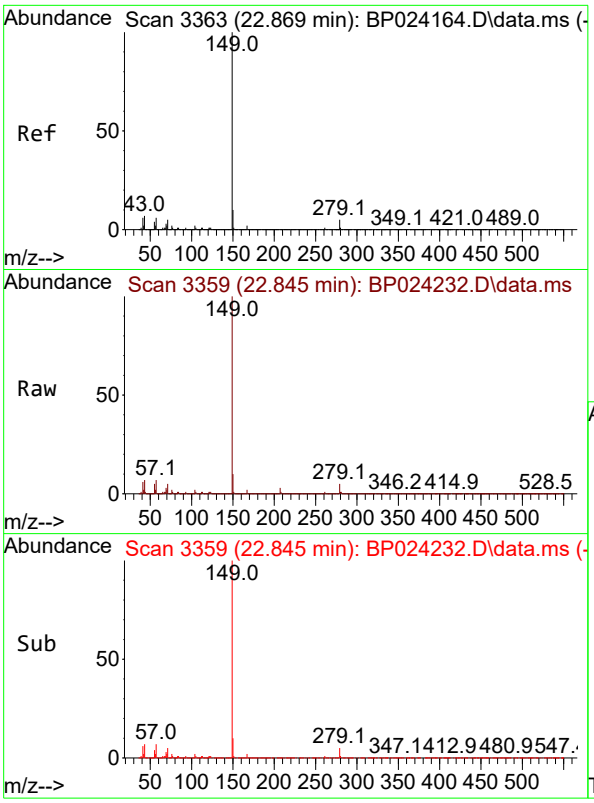


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.373 ng
RT: 21.557 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:149 Resp: 3164227

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	4.6	3.6	5.4



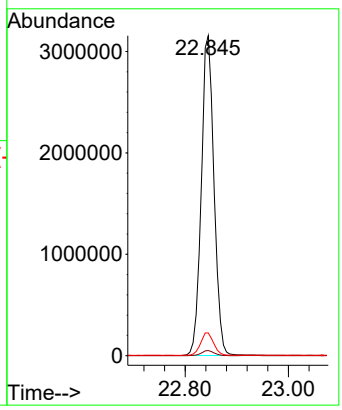


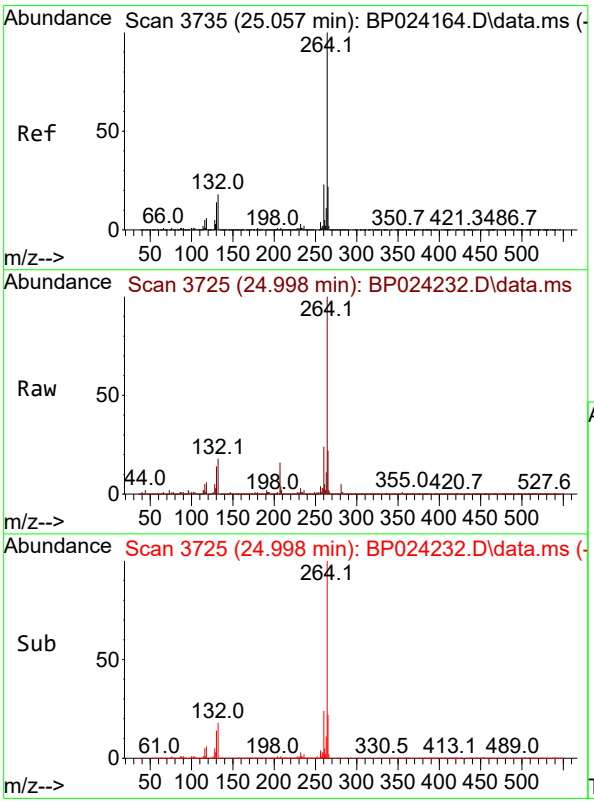
#85
Di-n-octyl phthalate
Concen: 57.617 ng
RT: 22.845 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:149 Resp: 5372260

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

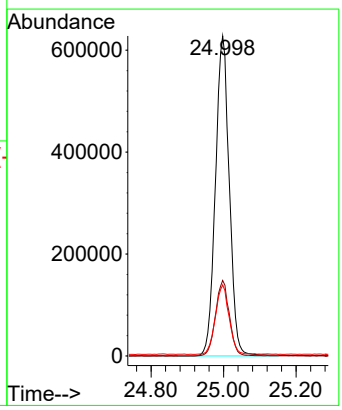


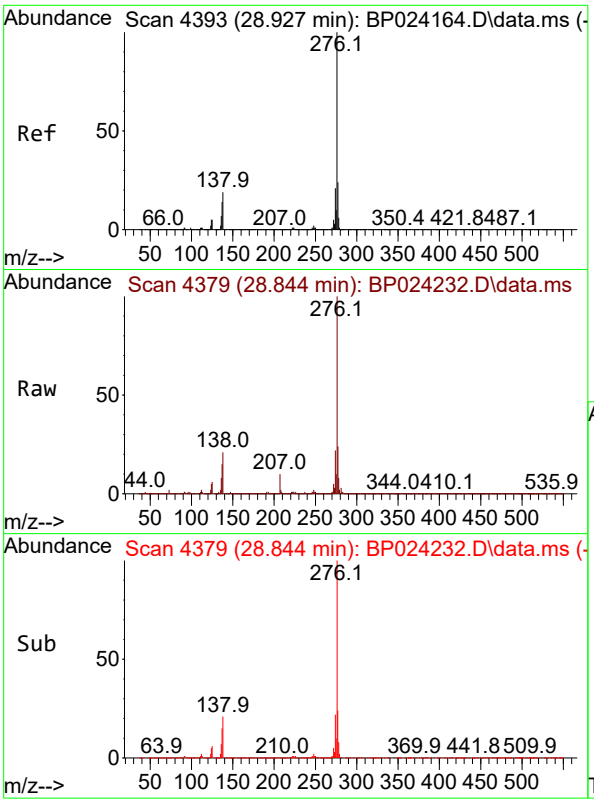


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3725
Delta R.T. -0.059 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:264 Resp: 1667153

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.2	17.7	26.5



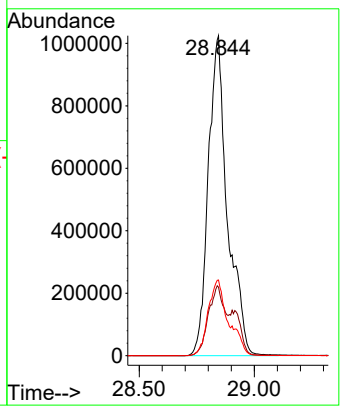


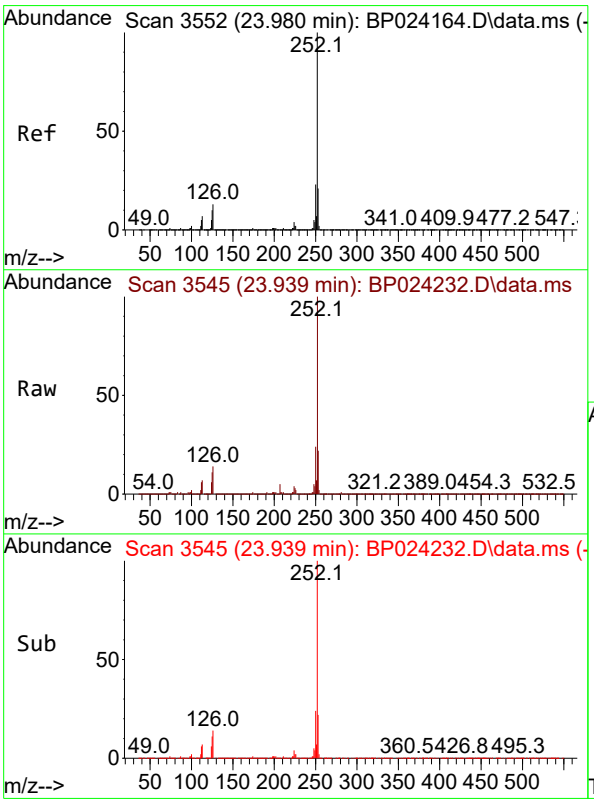
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.852 ng
RT: 28.844 min Scan# 4
Delta R.T. -0.083 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:276 Resp: 5916857

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.7	20.5
277	25.1	20.2	30.2

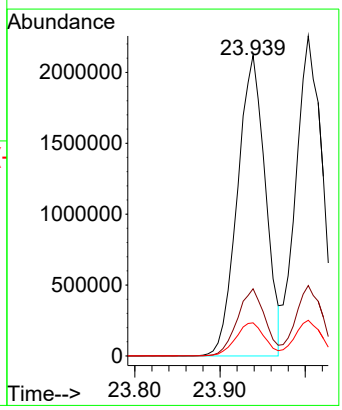


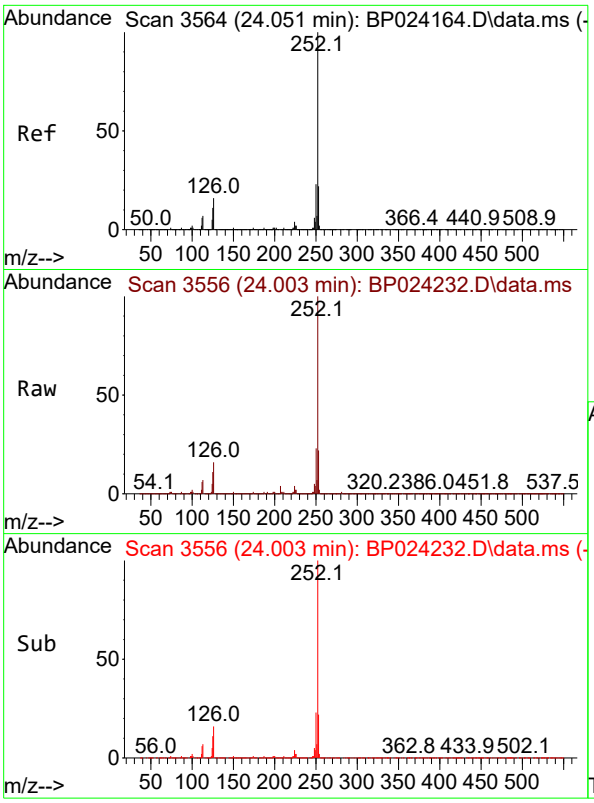


#88
Benzo(b)fluoranthene
Concen: 47.997 ng
RT: 23.939 min Scan# 3545
Delta R.T. -0.042 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:252 Resp: 4824633

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.0	8.2	12.4



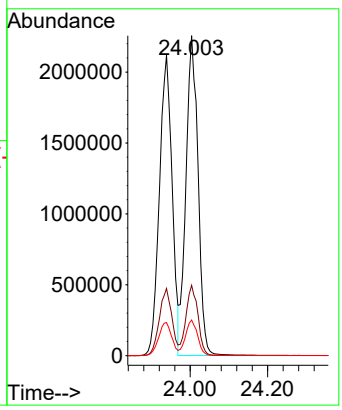


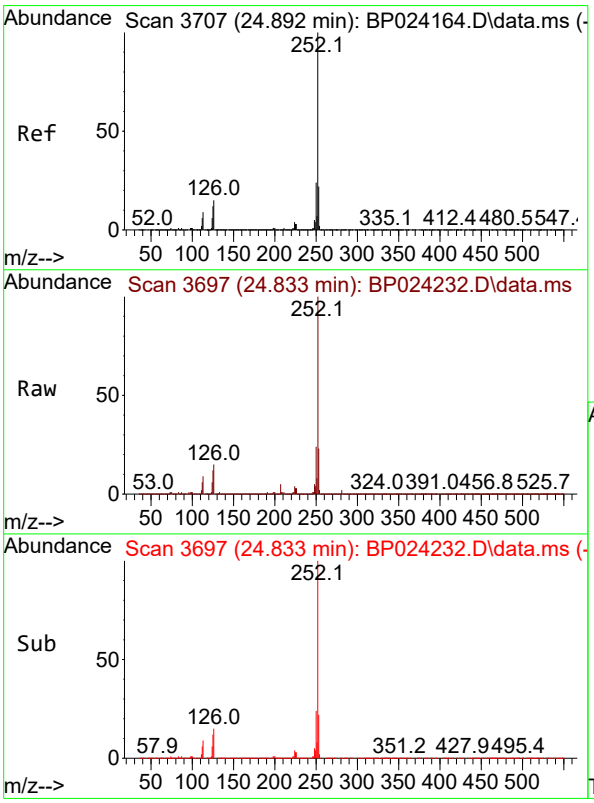
#89
Benzo(k)fluoranthene
Concen: 49.874 ng
RT: 24.003 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:252 Resp: 4903911

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.1	9.1	13.7

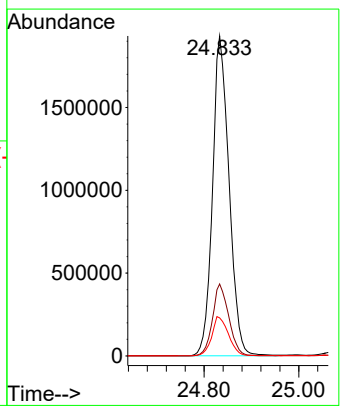


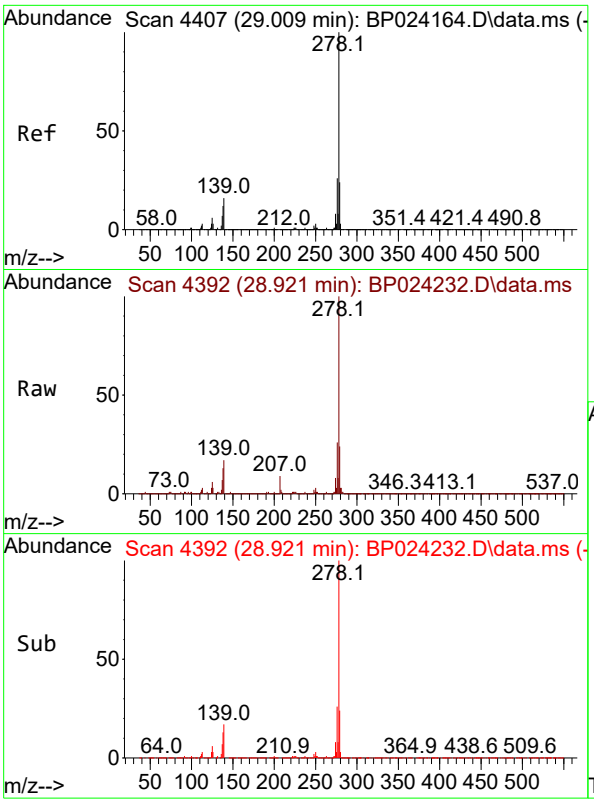


#90
Benzo(a)pyrene
Concen: 53.654 ng
RT: 24.833 min Scan# 3697
Delta R.T. -0.059 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:252 Resp: 4689771

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	11.9	9.6	14.4



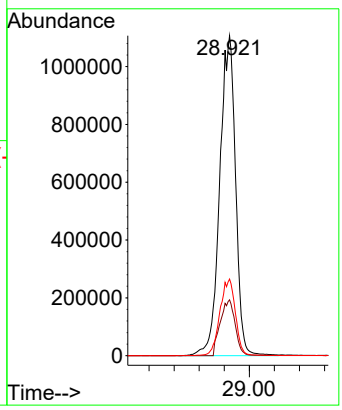


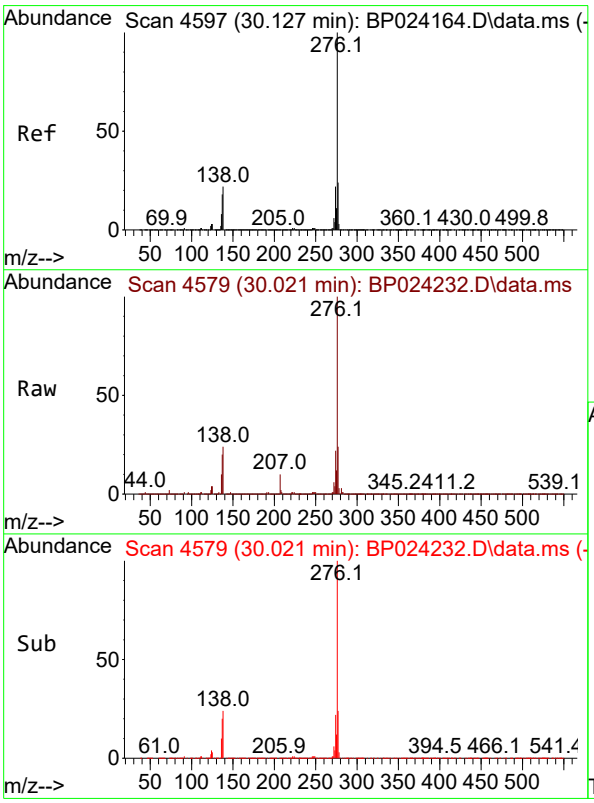
#91
Dibenzo(a,h)anthracene
Concen: 50.111 ng
RT: 28.921 min Scan# 4
Delta R.T. -0.089 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Tgt Ion:278 Resp: 4850816

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.0	19.4
279	23.9	18.8	28.2

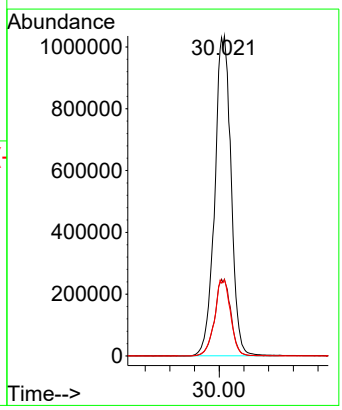




#92
Benzo(g,h,i)perylene
Concen: 48.170 ng
RT: 30.021 min Scan# 4579
Delta R.T. -0.106 min
Lab File: BP024232.D
Acq: 09 Apr 2025 12:56

Tgt Ion:276 Resp: 4740076

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.8	17.4	26.2



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Manual Integration Report

Sequence:	BP031225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024161.D	Benzaldehyde	anahy	3/13/2025 11:10:33 AM	Jagrut	3/13/2025 11:45:04 AM	Peak Integrated by Software
SSTDICC050	BP024165.D	Pyridine	anahy	3/13/2025 11:11:20 AM	Jagrut	3/13/2025 11:45:07 AM	Peak Integrated by Software
SSTDICC060	BP024166.D	Indeno(1,2,3-cd)pyrene	anahy	3/13/2025 11:38:58 AM	Jagrut	3/13/2025 11:45:09 AM	Peak Integrated by Software
SSTDICC060	BP024166.D	Pyridine	anahy	3/13/2025 11:38:58 AM	Jagrut	3/13/2025 11:45:09 AM	Peak Integrated by Software
SSTDICC080	BP024167.D	Pyridine	anahy	3/13/2025 11:39:57 AM	Jagrut	3/13/2025 11:45:11 AM	Peak Integrated by Software
SSTDICV040	BP024168.D	Benzo(g,h,i)perylene	anahy	3/13/2025 11:40:49 AM	Jagrut	3/13/2025 11:45:14 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp040825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024211.D	Acenaphthene	anahy	4/9/2025 10:35:20 AM	Jagrut	4/9/2025 4:51:12 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP040925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024228.D	Benzoic acid	anahy	4/10/2025 10:35:25 AM	Jagrut	4/10/2025 3:32:58 PM	Peak Integrated by Software
SSTDCCC040	BP024228.D	Indeno(1,2,3-cd)pyrene	anahy	4/10/2025 10:35:25 AM	Jagrut	4/10/2025 3:32:58 PM	Peak Integrated by Software
SSTDCCC040	BP024243.D	Benzo(g,h,i)perylene	anahy	4/10/2025 10:37:39 AM	Jagrut	4/10/2025 3:33:04 PM	Peak Integrated by Software

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031225

Review By	anahy	Review On	3/13/2025 11:41:15 AM				
Supervise By	Jagrut	Supervise On	3/17/2025 4:44:19 PM				
SubDirectory	BP031225	HP Acquire Method	BNA_P		HP Processing Method	bp031225	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024159.D	12 Mar 2025 15:36	RC/JU	Ok
2	SSTDICC2.5	BP024160.D	12 Mar 2025 16:17	RC/JU	Ok
3	SSTDICC005	BP024161.D	12 Mar 2025 16:57	RC/JU	Ok,M
4	SSTDICC010	BP024162.D	12 Mar 2025 17:38	RC/JU	Ok
5	SSTDICC020	BP024163.D	12 Mar 2025 18:19	RC/JU	Ok
6	SSTDICCC040	BP024164.D	12 Mar 2025 19:00	RC/JU	Ok
7	SSTDICC050	BP024165.D	12 Mar 2025 19:41	RC/JU	Ok,M
8	SSTDICC060	BP024166.D	12 Mar 2025 20:21	RC/JU	Ok,M
9	SSTDICC080	BP024167.D	12 Mar 2025 21:02	RC/JU	Ok,M
10	SSTDICV040	BP024168.D	12 Mar 2025 21:43	RC/JU	Ok,M
11	PB167078BL	BP024169.D	12 Mar 2025 22:24	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP040825

Review By	anahy	Review On	4/9/2025 10:38:32 AM				
Supervise By	Jagrut	Supervise On	4/9/2025 4:51:33 PM				
SubDirectory	BP040825	HP Acquire Method	BNA_P		HP Processing Method	bp031225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12658,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024210.D	08 Apr 2025 13:02	RC/JU	Ok
2	SSTDCCC040	BP024211.D	08 Apr 2025 13:43	RC/JU	Ok,M
3	PB167474BL	BP024212.D	08 Apr 2025 14:24	RC/JU	Ok
4	PB167474BS	BP024213.D	08 Apr 2025 15:04	RC/JU	Ok
5	Q1730-01	BP024214.D	08 Apr 2025 15:45	RC/JU	Ok
6	Q1730-01MS	BP024215.D	08 Apr 2025 16:26	RC/JU	Not Ok
7	Q1730-01MSD	BP024216.D	08 Apr 2025 17:07	RC/JU	Not Ok
8	Q1730-03	BP024217.D	08 Apr 2025 17:47	RC/JU	Ok
9	Q1730-05	BP024218.D	08 Apr 2025 18:28	RC/JU	Ok
10	Q1730-07	BP024219.D	08 Apr 2025 19:09	RC/JU	Ok
11	Q1730-09	BP024220.D	08 Apr 2025 19:50	RC/JU	Ok
12	Q1730-11	BP024221.D	08 Apr 2025 20:31	RC/JU	Ok
13	Q1730-13	BP024222.D	08 Apr 2025 21:11	RC/JU	Ok
14	Q1730-15	BP024223.D	08 Apr 2025 21:52	RC/JU	Ok
15	Q1730-17	BP024224.D	08 Apr 2025 22:33	RC/JU	Ok
16	Q1730-19	BP024225.D	08 Apr 2025 23:13	RC/JU	Ok
17	SSTDCCC040	BP024226.D	08 Apr 2025 23:54	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP040925

Review By	anahy	Review On	4/10/2025 10:38:27 AM		
Supervise By	Jagrut	Supervise On	4/10/2025 3:33:16 PM		
SubDirectory	BP040925	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12658,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024227.D	09 Apr 2025 08:42	RC/JU	Ok
2	SSTDCCC040	BP024228.D	09 Apr 2025 10:08	RC/JU	Ok,M
3	PB167467TB	BP024229.D	09 Apr 2025 10:49	RC/JU	Ok
4	PB167474BS	BP024230.D	09 Apr 2025 11:29	RC/JU	Not Ok
5	Q1730-01MS	BP024231.D	09 Apr 2025 12:15	RC/JU	Ok
6	Q1730-01MSD	BP024232.D	09 Apr 2025 12:56	RC/JU	Ok
7	Q1737-02	BP024233.D	09 Apr 2025 13:37	RC/JU	Ok
8	Q1712-04	BP024234.D	09 Apr 2025 14:18	RC/JU	Ok
9	Q1712-04MS	BP024235.D	09 Apr 2025 14:59	RC/JU	Ok
10	Q1712-04MSD	BP024236.D	09 Apr 2025 15:39	RC/JU	Ok
11	Q1712-08	BP024237.D	09 Apr 2025 16:20	RC/JU	Ok
12	Q1732-04	BP024238.D	09 Apr 2025 17:01	RC/JU	Ok
13	Q1746-07	BP024239.D	09 Apr 2025 17:41	RC/JU	Ok
14	Q1746-01	BP024240.D	09 Apr 2025 18:22	RC/JU	Ok
15	Q1747-01	BP024241.D	09 Apr 2025 19:03	RC/JU	Ok
16	Q1745-01	BP024242.D	09 Apr 2025 19:43	RC/JU	Ok,M
17	SSTDCCC040	BP024243.D	09 Apr 2025 20:24	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031225

Review By	anahy	Review On	3/13/2025 11:41:15 AM		
Supervise By	Jagrut	Supervise On	3/17/2025 4:44:19 PM		
SubDirectory	BP031225	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024159.D	12 Mar 2025 15:36		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024160.D	12 Mar 2025 16:17		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024161.D	12 Mar 2025 16:57	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024162.D	12 Mar 2025 17:38		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP024163.D	12 Mar 2025 18:19		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BP024164.D	12 Mar 2025 19:00	This calibration is good for 8270E and 8270E DOD methods	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024165.D	12 Mar 2025 19:41		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024166.D	12 Mar 2025 20:21	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024167.D	12 Mar 2025 21:02	Compound #32,54,69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP031225	BP024168.D	12 Mar 2025 21:43		RC/JU	Ok,M
11	PB167078BL	PB167078BL	BP024169.D	12 Mar 2025 22:24		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP040825

Review By	anahy	Review On	4/9/2025 10:38:32 AM		
Supervise By	Jagrut	Supervise On	4/9/2025 4:51:33 PM		
SubDirectory	BP040825	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12658,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024210.D	08 Apr 2025 13:02		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024211.D	08 Apr 2025 13:43		RC/JU	Ok,M
3	PB167474BL	PB167474BL	BP024212.D	08 Apr 2025 14:24	Use only for Q1730	RC/JU	Ok
4	PB167474BS	PB167474BS	BP024213.D	08 Apr 2025 15:04	Use only for Q1730	RC/JU	Ok
5	Q1730-01	OU4-VSL-15-040325	BP024214.D	08 Apr 2025 15:45		RC/JU	Ok
6	Q1730-01MS	OU4-VSL-15-040325MS	BP024215.D	08 Apr 2025 16:26	Internal Standard Fail, CCC fail low for com# 69	RC/JU	Not Ok
7	Q1730-01MSD	OU4-VSL-15-040325MS	BP024216.D	08 Apr 2025 17:07	CCC fail low side for com#69	RC/JU	Not Ok
8	Q1730-03	OU4-VSL-16-040325	BP024217.D	08 Apr 2025 17:47		RC/JU	Ok
9	Q1730-05	OU4-VSL-17-040325	BP024218.D	08 Apr 2025 18:28		RC/JU	Ok
10	Q1730-07	OU4-PCS-TC-21-04032	BP024219.D	08 Apr 2025 19:09		RC/JU	Ok
11	Q1730-09	OU4-PCS-TC-22-04032	BP024220.D	08 Apr 2025 19:50		RC/JU	Ok
12	Q1730-11	OU4-PCS-TC-23-04032	BP024221.D	08 Apr 2025 20:31		RC/JU	Ok
13	Q1730-13	OU4-PCS-TC-24-04032	BP024222.D	08 Apr 2025 21:11		RC/JU	Ok
14	Q1730-15	OU4-PCS-TC-25-04032	BP024223.D	08 Apr 2025 21:52		RC/JU	Ok
15	Q1730-17	OU4-PCS-TC-26-04032	BP024224.D	08 Apr 2025 22:33		RC/JU	Ok
16	Q1730-19	OU4-CF-15-040325	BP024225.D	08 Apr 2025 23:13		RC/JU	Ok
17	SSTDCCC040	SSTDCCC040EC	BP024226.D	08 Apr 2025 23:54		RC/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 # BP040925

Review By	anahy	Review On	4/10/2025 10:38:27 AM		
Supervise By	Jagrut	Supervise On	4/10/2025 3:33:16 PM		
SubDirectory	BP040925	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12658,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024227.D	09 Apr 2025 08:42		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024228.D	09 Apr 2025 10:08		RC/JU	Ok,M
3	PB167467TB	PB167467TB	BP024229.D	09 Apr 2025 10:49		RC/JU	Ok
4	PB167474BS	PB167474BS	BP024230.D	09 Apr 2025 11:29	not used.	RC/JU	Not Ok
5	Q1730-01MS	OU4-VSL-15-040325MS	BP024231.D	09 Apr 2025 12:15		RC/JU	Ok
6	Q1730-01MSD	OU4-VSL-15-040325MS	BP024232.D	09 Apr 2025 12:56		RC/JU	Ok
7	Q1737-02	RT3069	BP024233.D	09 Apr 2025 13:37		RC/JU	Ok
8	Q1712-04	Z-05A	BP024234.D	09 Apr 2025 14:18		RC/JU	Ok
9	Q1712-04MS	Z-05AMS	BP024235.D	09 Apr 2025 14:59		RC/JU	Ok
10	Q1712-04MSD	Z-05AMSD	BP024236.D	09 Apr 2025 15:39		RC/JU	Ok
11	Q1712-08	TT-7	BP024237.D	09 Apr 2025 16:20		RC/JU	Ok
12	Q1732-04	TT-8	BP024238.D	09 Apr 2025 17:01		RC/JU	Ok
13	Q1746-07	EB-2025-4-7	BP024239.D	09 Apr 2025 17:41		RC/JU	Ok
14	Q1746-01	B-149-SB01	BP024240.D	09 Apr 2025 18:22		RC/JU	Ok
15	Q1747-01	ARS20-0008	BP024241.D	09 Apr 2025 19:03		RC/JU	Ok
16	Q1745-01	IB-6A-WC	BP024242.D	09 Apr 2025 19:43		RC/JU	Ok,M
17	SSTDCCC040	SSTDCCC040EC	BP024243.D	09 Apr 2025 20:24		RC/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:25
Out Date: 04/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135307

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
Q1729-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1729-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1729-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1729-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1729-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1729-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1729-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1729-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1729-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1729-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1730-01	OU4-VSL-15-040325	11	1.14	10.58	11.72	11.39	96.9	
Q1730-03	OU4-VSL-16-040325	12	1.15	10.28	11.43	10.86	94.5	
Q1730-05	OU4-VSL-17-040325	13	1.16	11.32	12.48	11.62	92.4	
Q1730-07	OU4-PCS-TC-21-040325	14	1.18	10.92	12.1	10.9	89.0	
Q1730-09	OU4-PCS-TC-22-040325	15	1.16	11.79	12.95	11.87	90.8	
Q1730-11	OU4-PCS-TC-23-040325	16	1.19	11.24	12.43	11.41	90.9	
Q1730-13	OU4-PCS-TC-24-040325	17	1.18	10.42	11.6	10.69	91.3	
Q1730-15	OU4-PCS-TC-25-040325	18	1.14	11.13	12.27	11.43	92.5	
Q1730-17	OU4-PCS-TC-26-040325	19	1.15	10.84	11.99	11.13	92.1	
Q1730-19	OU4-CF-15-040325	20	1.15	10.74	11.89	11.23	93.9	
Q1732-01	TT-8	21	1.15	10.40	11.55	10.48	89.7	
Q1732-02	TT-8-EPH	22	1.15	10.33	11.48	10.34	89.0	
Q1732-03	TT-8-VOC	23	1.19	10.01	11.2	10.11	89.1	
Q1733-01	ETGI-328	24	1.18	10.19	11.37	8.37	70.6	
Q1733-02	ETGI-328-E2	25	1.18	10.29	11.47	8.27	68.9	
Q1734-01	HEH6237-1-1	26	1.00	1.00	2.00	2.00	100.0	pilc
Q1734-02	HEH6237-1-2	27	1.00	1.00	2.00	2.00	100.0	pilc
Q1734-03	STJ23-1-1	28	1.00	1.00	2.00	2.00	100.0	pilc

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:25
Out Date: 04/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135307

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
Q1734-04	STJ23-1-2	29	1.00	1.00	2.00	2.00	100.0	pilc
Q1734-05	HIA989S-1-1	30	1.00	1.00	2.00	2.00	100.0	pilc
Q1734-06	HIA989S-1-2	31	1.00	1.00	2.00	2.00	100.0	pilc
Q1734-07	HED302R-1-1	32	1.00	1.00	2.00	2.00	100.0	pilc
Q1734-08	HED302R-1-2	33	1.00	1.00	2.00	2.00	100.0	pilc
Q1734-09	HED302R-2-1	34	1.00	1.00	2.00	2.00	100.0	pilc
Q1734-10	HED302R-2-2	35	1.00	1.00	2.00	2.00	100.0	pilc
Q1735-01	50660-50661-50662-5663 -COMP	36	1.18	10.92	12.1	10.42	84.6	
Q1736-01	GST1	37	1.18	10.04	11.22	9.07	78.6	
Q1736-02	GST2	38	1.18	10.93	12.11	9.98	80.5	
Q1737-01	RT3069	39	1.19	11.58	12.77	11.34	87.7	
Q1738-01	OK-02-040425	40	1.16	10.34	11.5	10.06	86.1	
Q1738-02	OK-02-040425-E2	41	1.19	10.54	11.73	10.37	87.1	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 135307

WorkList Name : %1-040425 **WorkList ID :** 188724 **Department :** Wet-Chemistry **Date :** 04-04-2025 08:12:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1736-01	GST1	Solid	Percent Solids	Cool 4 deg C	GENV01	L21	04/04/2025	Chemtech -SO
Q1736-02	GST2	Solid	Percent Solids	Cool 4 deg C	GENV01	L21	04/04/2025	Chemtech -SO
Q1730-01	OU4-VSL-15-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-03	OU4-VSL-16-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-05	OU4-VSL-17-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-07	OU4-PCS-TC-21-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-09	OU4-PCS-TC-22-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-11	OU4-PCS-TC-23-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-13	OU4-PCS-TC-24-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-15	OU4-PCS-TC-25-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-17	OU4-PCS-TC-26-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1730-19	OU4-CF-15-040325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1729-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	NOBI03	L31	04/03/2025	Chemtech -SO
Q1729-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO
Q1729-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO
Q1729-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO
Q1729-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO
Q1729-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO
Q1729-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO
Q1729-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO
Q1729-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO

Date/Time 04/04/25 1520

Raw Sample Received by: JB CCDC

Raw Sample Relinquished by: SM

Date/Time 04/04/25 17:15

Raw Sample Received by: SM

Raw Sample Relinquished by: JB CCDC

WORKLIST(Hardcopy Internal Chain)

WP135307

WorkList Name : %1-040425 **WorkList ID :** 188724 **Department :** Wet-Chemistry **Date :** 04-04-2025 08:12:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1729-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	04/04/2025	Chemtech -SO
Q1732-01	TT-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1732-02	TT-8-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1732-03	TT-8-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1733-01	ETGI-328	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1733-02	ETGI-328-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/04/2025	Chemtech -SO
Q1734-01	HEH6237-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/04/2025	Chemtech -SO
Q1734-08	HED302R-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1734-09	HED302R-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1734-10	HED302R-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1735-01	50660-50661-50662-5663-COM	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1737-01	RT3069	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1734-02	HEH6237-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1734-03	STJ23-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1734-04	STJ23-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1734-05	HIA989S-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1734-06	HIA989S-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1734-07	HED302R-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1738-01	OK-02-040425	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/04/2025	Chemtech -SO
Q1738-02	OK-02-040425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/04/2025	Chemtech -SO
Q1738-02	OK-02-040425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/04/2025	Chemtech -SO

Date/Time 04/04/25 15:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 04/04/25 17:15

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167474

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 04/07/2025

Extraction Start Time : 08:55

Extraction End Date : 04/07/2025

Extraction End Time : 12:00

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2591
Baked Na2SO4	N/A	EP2597
Sand	N/A	EP2865
Methylene Chloride	N/A	E3904
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/07/25	RP (Ext lab)	RC/SVOC
12:05	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167474

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 04/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167474BL	SBLK474	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1			U6-1
PB167474BS	SLCS474	SVOCMS Group3	30.02	N/A	ritesh	Evelyn	1			2
Q1730-01	OU4-VSL-15-040325	SVOCMS Group3	30.05	N/A	ritesh	Evelyn	1	E		3
Q1730-01MS	OU4-VSL-15-040325MS	SVOCMS Group3	30.07	N/A	ritesh	Evelyn	1	E		4
Q1730-01MSD	OU4-VSL-15-040325MSD	SVOCMS Group3	30.06	N/A	ritesh	Evelyn	1	E		5
Q1730-03	OU4-VSL-16-040325	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	E		6
Q1730-05	OU4-VSL-17-040325	SVOCMS Group3	30.01	N/A	ritesh	Evelyn	1	E		U2-1
Q1730-07	OU4-PCS-TC-21-040325	SVOCMS Group3	30.05	N/A	ritesh	Evelyn	1	E		2
Q1730-09	OU4-PCS-TC-22-040325	SVOCMS Group3	30.02	N/A	ritesh	Evelyn	1	E		3
Q1730-11	OU4-PCS-TC-23-040325	SVOCMS Group3	30.07	N/A	ritesh	Evelyn	1	E		4
Q1730-13	OU4-PCS-TC-24-040325	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	E		5
Q1730-15	OU4-PCS-TC-25-040325	SVOCMS Group3	30.06	N/A	ritesh	Evelyn	1	E		6
Q1730-17	OU4-PCS-TC-26-040325	SVOCMS Group3	30.04	N/A	ritesh	Evelyn	1	E		U3-1
Q1730-19	OU4-CF-15-040325	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	E		2
Q1732-01	TT-8	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	D		3
Q1733-01	ETGI-328	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E	Small Particle	4
Q1737-01	RT3069	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	D		5
Q1738-01	OK-02-040425	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		6

* **Extracts relinquished on the same date as received.**

4/7/25

1674474 8:55

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1733 **WorkList ID :** 188761 **Department :** Extraction **Date :** 04-07-2025 08:18:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1730-01	OU4-VSL-15-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-03	OU4-VSL-16-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-05	OU4-VSL-17-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-07	OU4-PCS-TC-21-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-09	OU4-PCS-TC-22-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-11	OU4-PCS-TC-23-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-13	OU4-PCS-TC-24-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-15	OU4-PCS-TC-25-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-17	OU4-PCS-TC-26-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1730-19	OU4-CF-15-040325	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	L31	04/03/2025	8270E
Q1732-01	TT-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	04/04/2025	8270E
Q1733-01	ETGI-328	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	I31	04/04/2025	8270E
Q1737-01	RT3069	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	04/04/2025	8270E
Q1738-01	OK-02-040425	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	L31	04/04/2025	8270E

Date/Time 04/07/25 8:50
Raw Sample Received by: RJ (Ent Lab)
Raw Sample Relinquished by: CP SM

Date/Time 04/07/25 9:15
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Ent Lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q1730

Test : SVOCMS Group3

Prepbatch ID : PB167474,

Sequence ID/Qc Batch ID: bp040825,BP040925,

Standard ID :
EP2591,EP2597,EP2865,SP6685,SP6686,SP6721,SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729,SP6752,SP6754,SP6757,

Chemical ID :
10ul/1000ul sample,E3551,E3828,E3874,E3876,E3878,E3902,E3904,S10104,S10397,S10584,S11074,S11087,S11143,S11161,S11487,S11495,S11650,S11785,S11786,S11787,S11788,S12114,S12142,S12189,S12190,S12191,S12192,S12193,S12194,S12195,S12208,S12209,S12210,S12211,S12212,S12213,S12214,S12215,S12216,S12270,S12276,S12327,S12469,S12478,S12479,S12480,S12481,S12482,S12483,S12484,S12485,S12486,S12517,S12525,S12526,S12527,S12528,S12529,S12530,S12531,S12532,S12533,S12577,S12649,S12658,S12791,S12966,S12967,S12968,S12969,S12970,S12971,S12972,S12973,S12974,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2591	02/26/2025	08/14/2025	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 02/26/2025

FROM 8000.00000ml of E3876 + 8000.00000ml of E3878 = Final Quantity: 16000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2597	03/28/2025	07/01/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	Evelyn Huang 03/28/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

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SVOC STANDARD PREPARATION LOG

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)	SP6685	11/15/2024	04/10/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.04000ml of S12189 + 0.08000ml of S12208 + 0.10000ml of S11074 + 0.20000ml of S12142 + 0.20000ml of S12469 + 0.20000ml of S12517 + 1.18000ml of E3828 = Final Quantity: 2.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6686	11/15/2024	04/10/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.60000ml of E3828 + 0.40000ml of SP6685 = 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
3764	8270/625 Stock solution 100 ng	SP6721	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.26700ml of S10104 + 0.40000ml of S11495 + 0.50000ml of S12114 + 1.00000ml of S11087 + 1.00000ml of S11161 + 1.00000ml of S12270 + 1.00000ml of S12276 + 1.00000ml of S12791 + 3.83300ml of E3874 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
413	80 ng BNA ICC, 80 PPM	SP6722	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.20000ml of E3874 + 0.80000ml of SP6721 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
412	60 ng BNA ICC, 60 PPM	SP6723	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.40000ml of E3874 + 0.60000ml of SP6721 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
411	50 ng BNA ICC, 50 PPM	SP6724	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.50000ml of E3874 + 0.50000ml of SP6721 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
410	40 ng BNA ICC, 40 PPM	SP6725	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.60000ml of E3874 + 0.40000ml of SP6721 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3678	20 ng BNA ICC, 20 PPM	SP6726	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.80000ml of E3874 + 0.20000ml of SP6721 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
408	10 ng BNA ICC, 10 PPM	SP6727	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.90000ml of E3874 + 0.10000ml of SP6721 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
407	5 ng BNA ICC, 5 PPM	SP6728	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.95000ml of E3874 + 0.05000ml of SP6721 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
175	2.5 ng BNA ICC, 2.5 PPM	SP6729	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/07/2025

FROM 0.01000ml of S12649 + 0.50000ml of E3874 + 0.50000ml of SP6728 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6752	03/10/2025	05/31/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/03/2025

FROM 0.10000ml of S12478 + 0.30000ml of S12525 + 0.40000ml of S10397 + 0.40000ml of S10584 + 0.40000ml of S11143 + 0.40000ml of S11487 + 0.40000ml of S11650 + 0.40000ml of S12533 + 0.40000ml of S12974 + 0.60000ml of S12486 + 0.80000ml of S12966 + 1.10000ml of S11788 + 1.20000ml of S11785 + 1.20000ml of S12483 + 1.20000ml of S12526 + 1.20000ml of S12967 + 1.20000ml of S12968 + 1.20000ml of S12970 + 1.20000ml of S12972 + 1.30000ml of S11786 + 1.30000ml of S12481 + 1.30000ml of S12482 + 1.30000ml of S12484 + 1.30000ml of S12528 + 1.30000ml of S12529 + 1.30000ml of S12531 + 1.30000ml of S12969 + 1.30000ml of S12973 + 1.40000ml of S11787 + 1.40000ml of S12479 + 1.40000ml of S12480 + 1.40000ml of S12485 + 1.40000ml of S12527 + 1.40000ml of S12530 + 1.40000ml of S12532 + 1.40000ml of S12971 + 163.00000ml of E3876 = Final Quantity: 200.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6754	03/18/2025	09/18/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/03/2025

FROM 1930.00000ml of E3902 + 2.60000ml of S12216 + 2.70000ml of S12195 + 5.20000ml of S12210 + 5.30000ml of S12192 + 5.30000ml of S12194 + 5.30000ml of S12209 + 5.30000ml of S12211 + 5.30000ml of S12212 + 5.30000ml of S12213 + 5.40000ml of S12190 + 5.40000ml of S12214 + 5.60000ml of S12191 + 5.60000ml of S12215 + 5.70000ml of S12193 = Final Quantity: 2000.000 ml

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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24G0862003	05/09/2025	11/09/2024 / Rajesh	11/04/2024 / Rajesh	E3828

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	07/30/2025	01/30/2025 / Rajesh	01/20/2025 / Rajesh	E3874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	08/25/2025	02/25/2025 /	02/12/2025 / Rajesh	E3876

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	08/14/2025	02/14/2025 / Rajesh	12/27/2024 / Rajesh	E3878

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	09/18/2025	03/18/2025 / RUPESH	02/12/2025 / RUPESH	E3902

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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-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 #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	07/30/2025	01/30/2025 / anahy	12/09/2021 / Christian	S10104

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0185300	05/31/2025	01/29/2025 / anahy	05/18/2022 / Christian	S10397

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0186373	06/30/2025	01/29/2025 / anahy	07/05/2022 / Christian	S10584

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0187043	05/15/2025	11/15/2024 / Jagrut	02/06/2023 / Christian	S11074

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	406703	07/30/2025	01/30/2025 / anahy	02/07/2023 / Christian	S11087

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0194702	07/29/2025	01/29/2025 / anahy	02/20/2023 / Christian	S11143

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	06/21/2025	01/30/2025 / anahy	03/06/2023 / Christian	S11161

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	08/31/2026	01/29/2025 / anahy	08/10/2023 / yogesh	S11487

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	05/12/2025	11/12/2024 / Jagrut	08/11/2023 / Yogesh	S11495

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	07/29/2025	01/29/2025 / anahy	11/09/2023 / Yogesh	S11650

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	07/29/2025	01/29/2025 / anahy	11/21/2023 / Rahul	S11785

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11787

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	05/12/2025	11/12/2024 / Jagrut	03/08/2024 / Rahul	S12114

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	04/30/2025	11/14/2024 / anahy	03/15/2024 / Rahul	S12142

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	04/10/2025	10/10/2024 / anahy	03/15/2024 / Rahul	S12189

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12190

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12191

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12193

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12194

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

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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	05/15/2025	11/15/2024 / Jagrut	03/15/2024 / Rahul	S12208

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12209

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12210

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12211

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12212

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12213

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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	S12214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12215

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	07/30/2025	01/30/2025 / anahy	05/24/2024 / Rahul	S12270

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	05/12/2025	11/12/2024 / Jagrut	05/24/2024 / Rahul	S12276

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0206540	05/12/2025	11/12/2024 / anahy	05/30/2024 / Rahul	S12327

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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	05/14/2025	11/14/2024 / anahy	07/23/2024 / RAHUL	S12469

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12478

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12479

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12480

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12481

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12482

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12483

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12485

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12486

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	05/14/2025	11/14/2024 / anahy	07/23/2024 / RAHUL	S12517

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12525

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12526

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12527

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12528

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12529

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12530

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12531

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12532

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12533

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	07/21/2025	01/21/2025 / anahy	09/20/2024 / anahy	S12649

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	06/21/2025	01/30/2025 / anahy	05/24/2024 / Rahul	S12791

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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	07/29/2025	01/29/2025 / anahy	12/11/2024 / anahy	S12966

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12967

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12968

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12969

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12970

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12971

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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	S12972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12974

CPI INTERNATIONAL

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Santa Rosa, CA 95403

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(800)878-7654 Toll Free
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Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

Received on
02/07/23
by
CG

S11084
to
S11088

*Not a certified value

Certified By: _____
Jacob Mulloy
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricllly.

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Santa Rosa, CA 95403

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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-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

Received on
02/07/23
by
CG
S11089
to
S11093

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

CPI INTERNATIONAL

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Manufacturer's Quality System
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Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090-04	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d_4	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d6	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

Received on
02/25/21
by
CG

S9236
to
S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Erica Castiglione

Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK®
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CERTIFIED REFERENCE MATERIAL

Gravimetric Certificate

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by CG on 05/19/22

S10393 to S10402

Catalog No. : 555871 **Lot No.:** A0185300

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2025 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	4-Nitrophenol	25,060.0 µg/mL	+/- 231.9100 µg/mL	Gravimetric
	CAS # 100-02-7 (Lot MKCN1089)		+/- 753.2622 µg/mL	Unstressed
	Purity 99%		+/- 905.6020 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Katelyn McGinnis - Operations Tech I

Date Mixed: 16-May-2022 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

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CERTIFIED REFERENCE MATERIAL

Gravimetric Certificate

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by
CG
on
07/05/22
S 10583
to
S 10592

Catalog No. : 555868 **Lot No.:** A0186373

Description : Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Benzidine	25,200.0 µg/mL	+/- 233.2055 µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 220511RSR)		+/- 351.6606 µg/mL	Unstressed
	Purity 99%		+/- 512.6054 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 16-Jun-2022 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

RESTEK® CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis

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.

Received on 02/06/23 by CG

S11071 to S11075

Catalog No. : 31853 **Lot No.:** A0187043

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	1,4-Dioxane	2,019.0 µg/mL	+/- 11.8486	µg/mL	Gravimetric
	CAS # 123-91-1 (Lot SHBN5929)		+/- 43.2570	µg/mL	Unstressed
	Purity 99%		+/- 44.5129	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

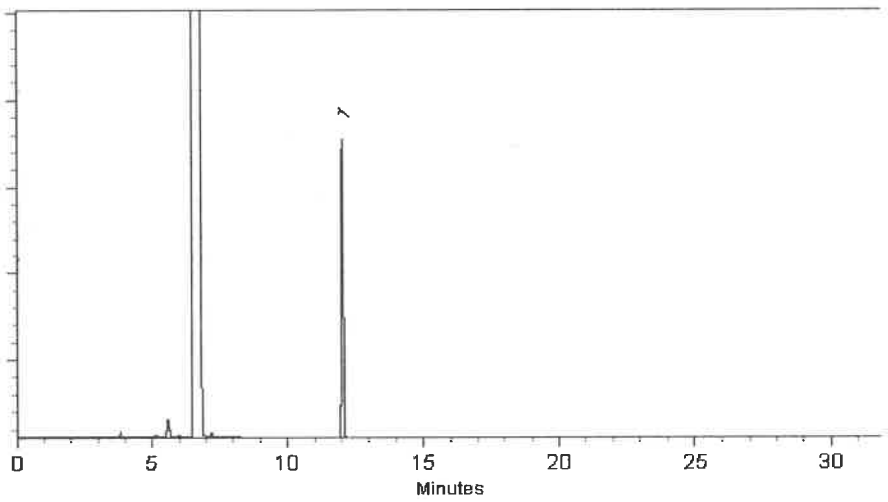
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



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.

Brittany Federinko - Operations Tech I

Date Mixed: 07-Jul-2022 **Balance:** 1128360905

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 12-Jul-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0194702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)
1	Hexachlorocyclopentadiene	77-47-4	0012019	99%	25,008.0 µg/mL

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 15-Feb-2023 **Balance:** B442140311

Manufactured under Restek Registered Quality Certificate #FM

tified Reference Material Notes

:es:

n date valid for unopened ampul stored in compliance with the recommended conditions.

nty, concentration, and expiration of the CRM are based on the unopened product being stored according to the ended condition found in the storage field.

d/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, LC/MS, RI, and/or melting point.

nds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A n factor is used to calculate the amount of compound necessary to achieve the desired concentration of the mpound in solution.

isomeric compounds is reported as the sum of the isomers.

lues are rounded to the nearest whole number.

rtainty Value Notes:

rtainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded ty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability ty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

erage factor of 2, which gives a level of confidence of approximately 95%.

ged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure nimum packaged amount can be sufficiently transferred.

Notes:

tion is based upon gravimetric preparation using either a balance whose calibration has been verified daily traceable weights, and/or dilutions with Class A glassware.

:

the unopened product, when stored in compliance with the recommended conditions, is guaranteed through ion displayed on the product label and certificate. Contact Restek for additional opened product stability ı, with the knowledge/understanding that open product stability is subject to the specific handling and ntal conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with ards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom m. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, des complete instructions.

ssolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely

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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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 24J0862003
Manufactured Date: 2024-09-12
Expiration Date:2025-12-12
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	2
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 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 3828

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

PO: PO2-1178.2 PRODUCT CODE: SHIP DATE: 1/20/2025

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3874

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 24K1762005
Manufactured Date: 2024-10-08
Expiration Date:2026-01-07
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 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	<= 0.3	0.0
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 3878

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

PO: PO2-798 PRODUCT CODE: SHIP DATE: 12/9/2024

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3902

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
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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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.

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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649 ↓ 511658 Y.P. 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

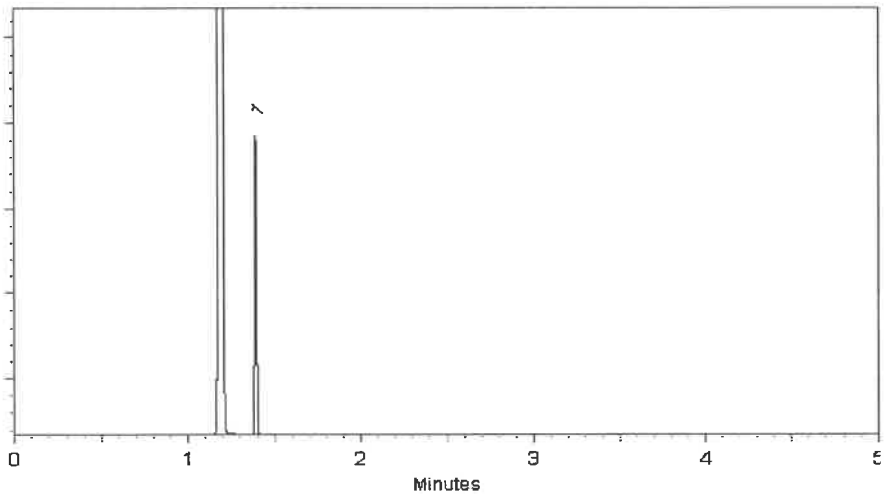
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

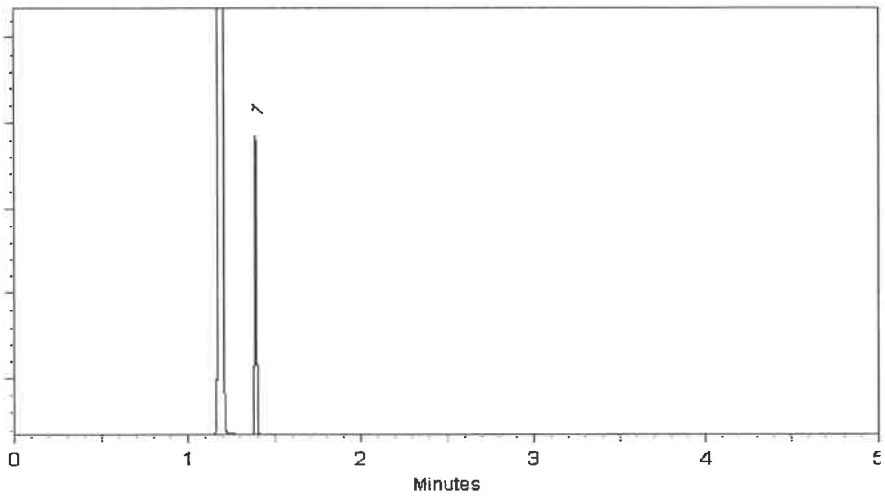
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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Certified Uncertainty Value Notes:

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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

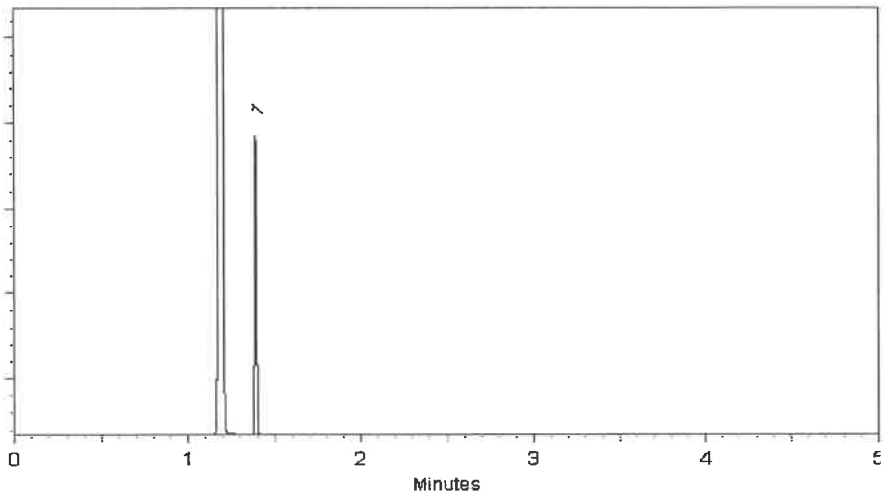
Inj. Temp:
250°C

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:

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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

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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hydrogen-constant flow 1.8 mL/min.

Temp. Program:
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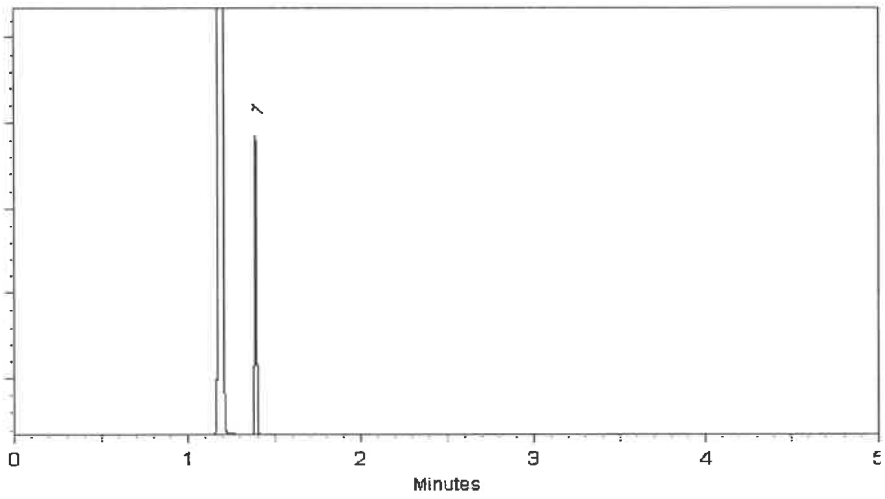
Inj. Temp:
250°C

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:

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CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

S12112 ↓ S12116 } RC/ 03/08/24

*Not a certified value

Certified By: Melissa Workoff

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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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.)

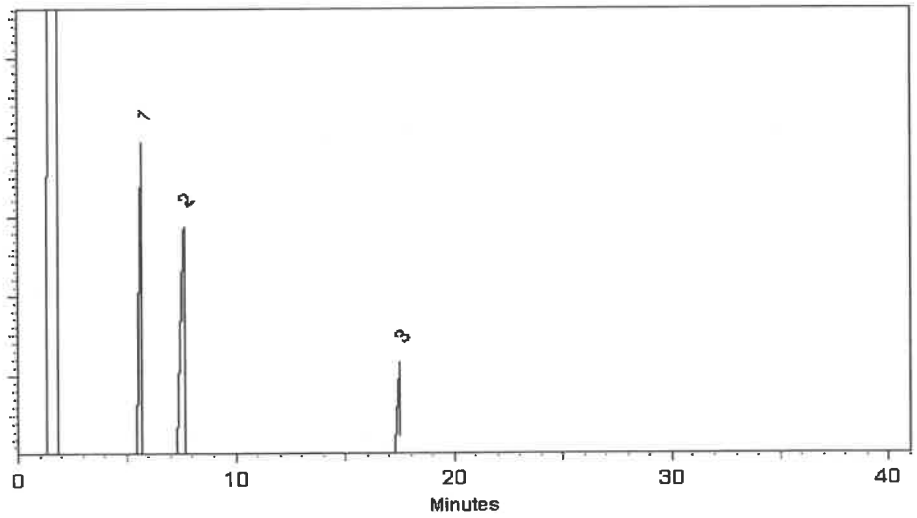
Inj. Temp:
250°C

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

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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.)

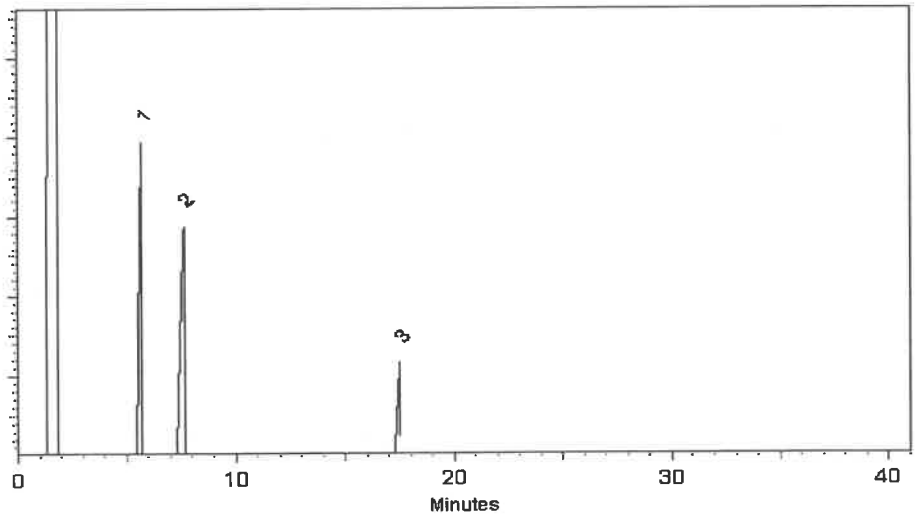
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

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.)

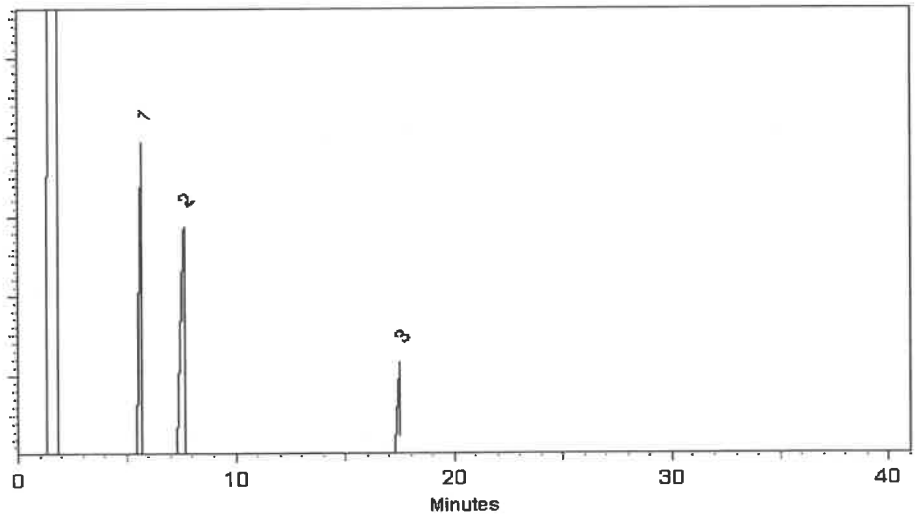
Inj. Temp:
250°C

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

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

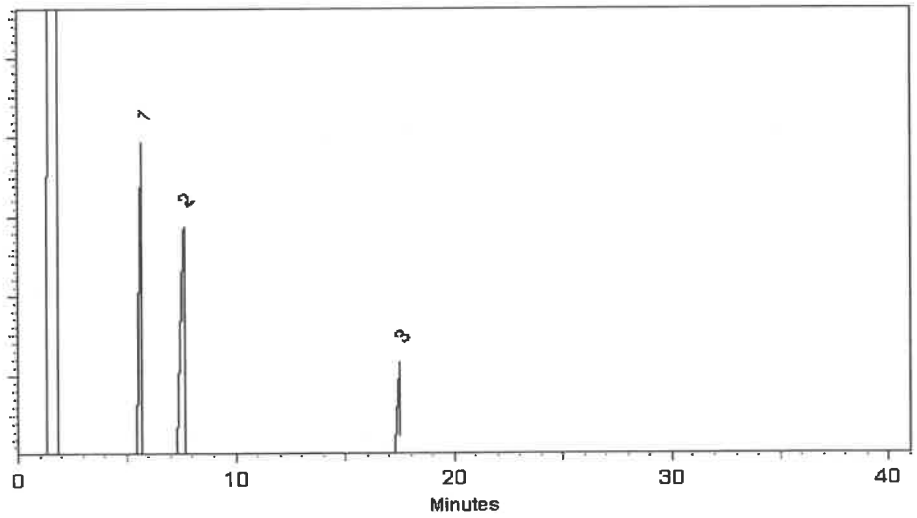
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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

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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.)

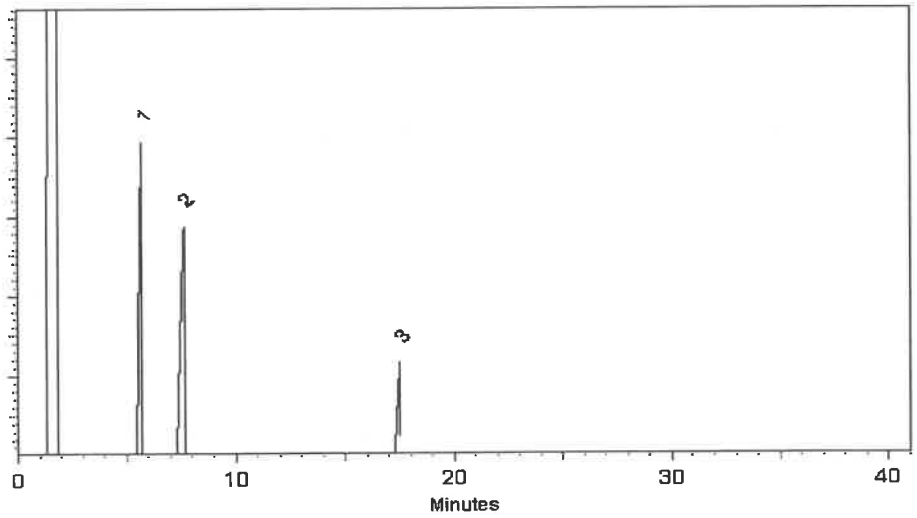
Inj. Temp:
250°C

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

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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.)

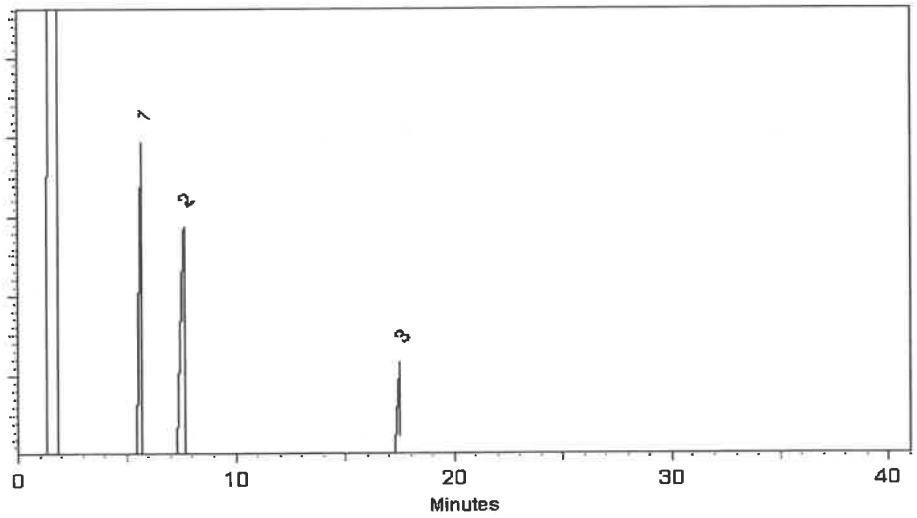
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

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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.)

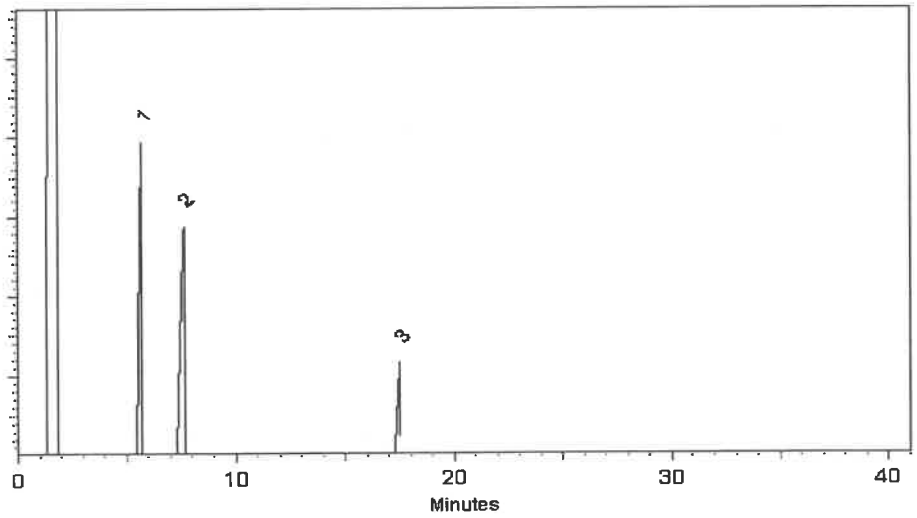
Inj. Temp:
250°C

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.

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

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.)

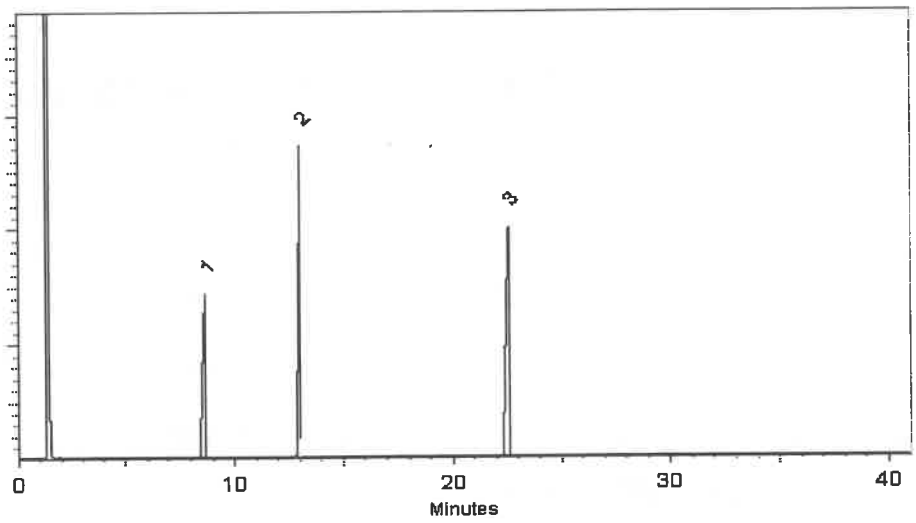
Inj. Temp:
250°C

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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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.)

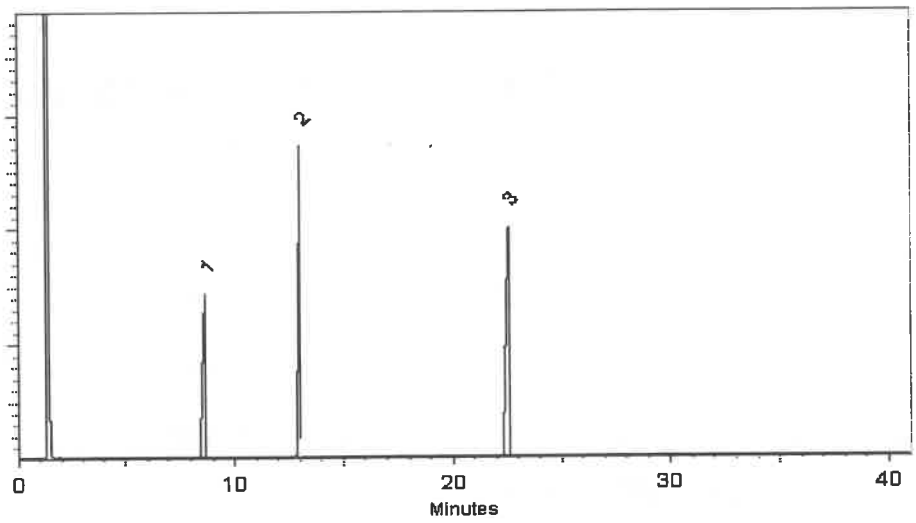
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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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Expiration Date : December 31, 2029 **Storage:** 10°C or colder

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S12207 ↓ S12221 RC/ 03/18/24

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Purity 99%

Tech Tips:
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Carrier Gas:
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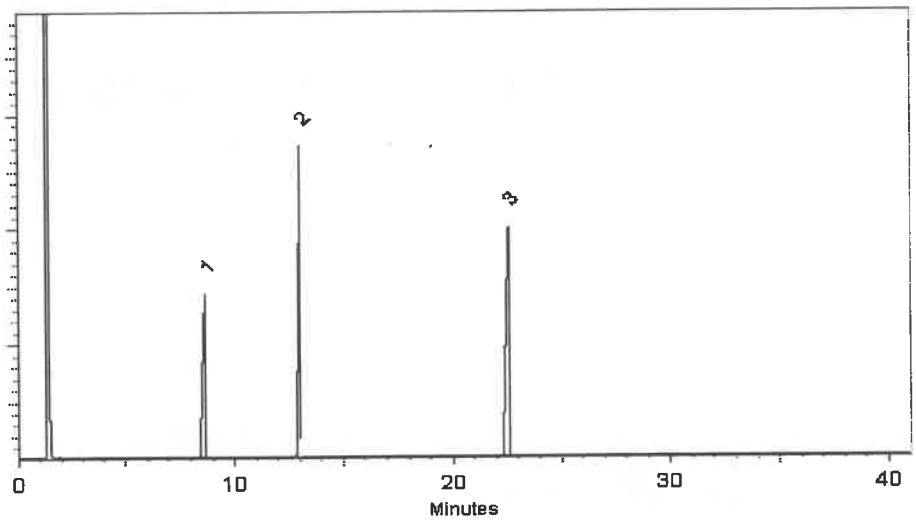
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Det. Type:
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Split Vent:
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Inj. Vol
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Description : B/N Surrogate Mix (4/89 SOW)

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

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S12207 ↓ S12221 RC/ 03/18/24

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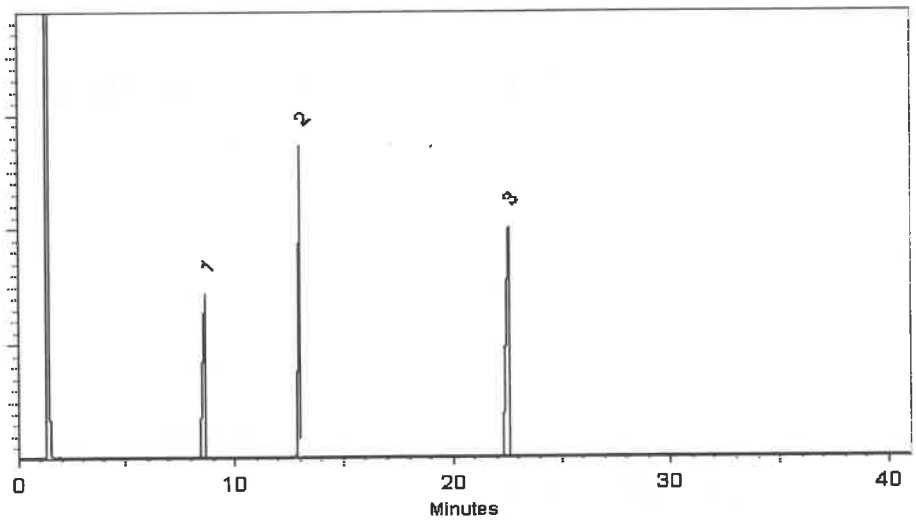
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Det. Type:
FID

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2 ml/min.

Inj. Vol
1µl



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S12207 ↓ S12221 RC/ 03/18/24

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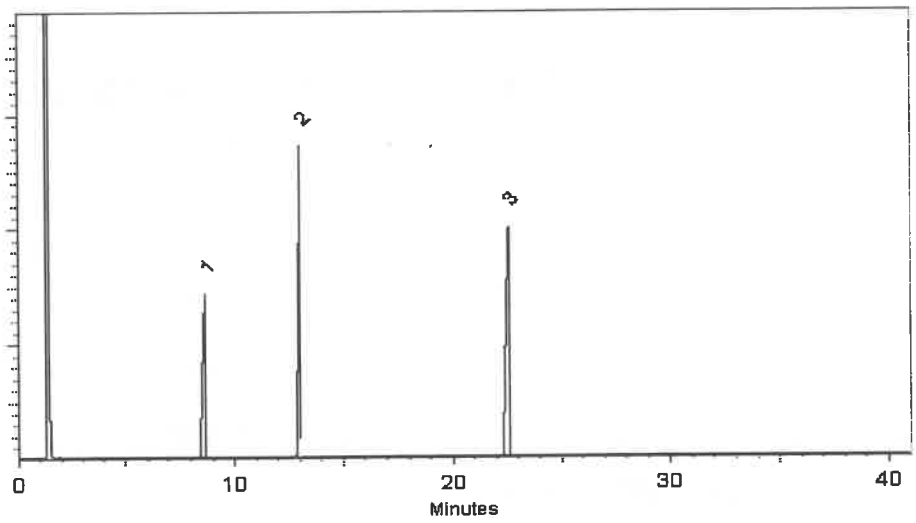
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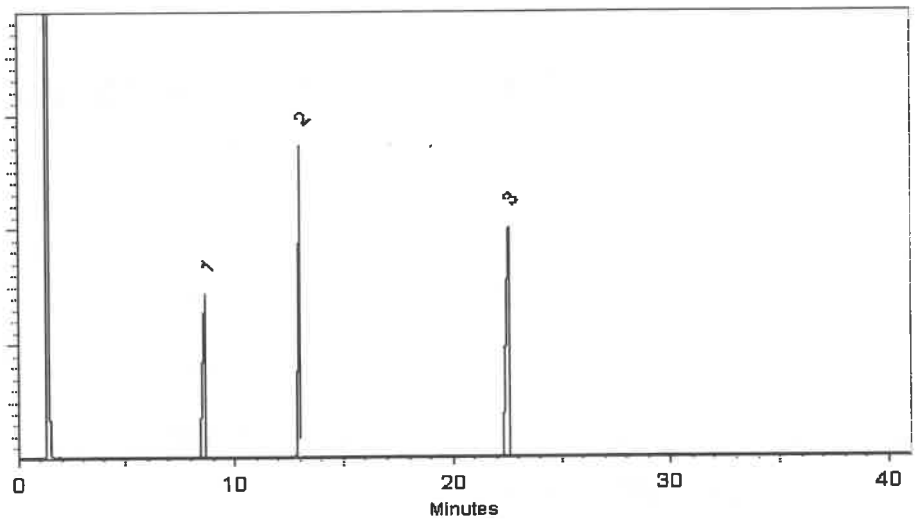
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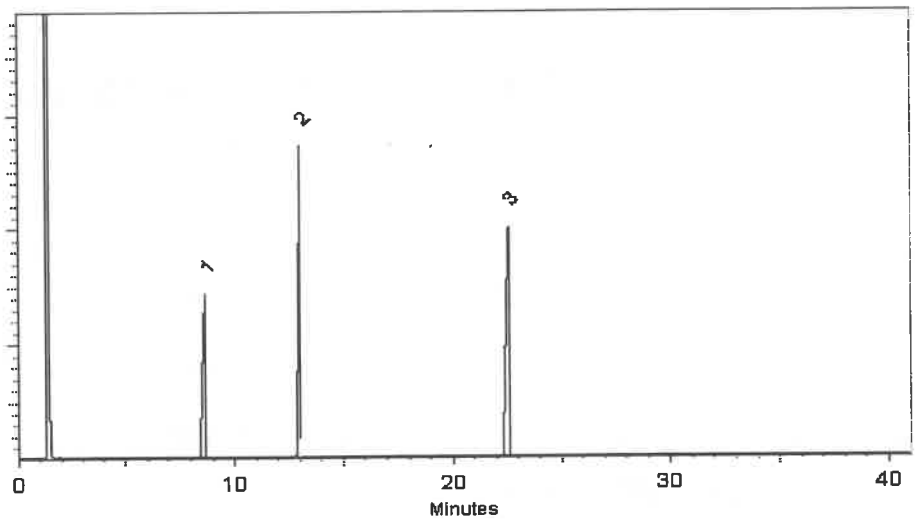
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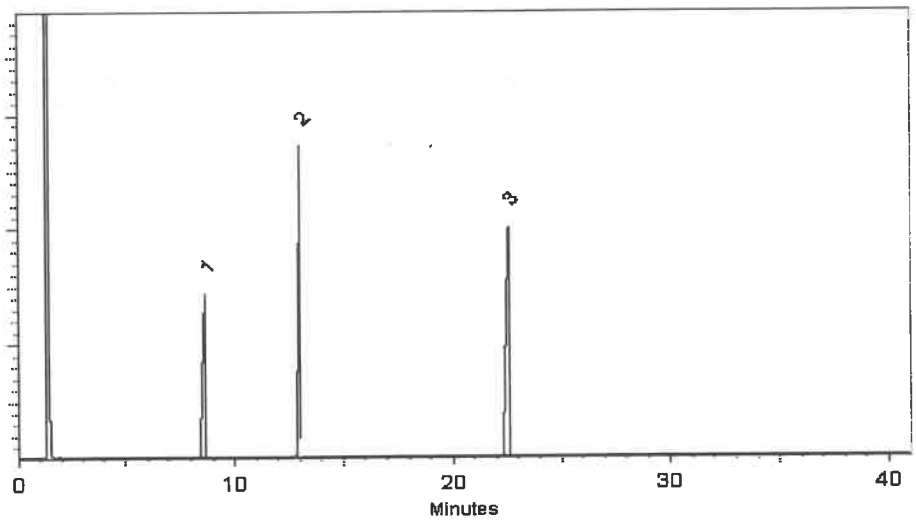
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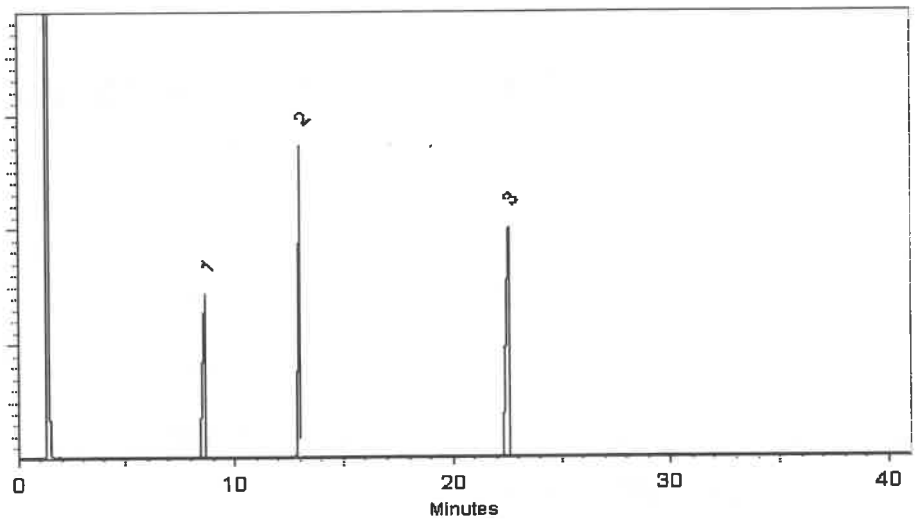
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CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-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

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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CPI INTERNATIONAL

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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-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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Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

S12312 ↓ S12331 } RC/ 05/30/24

Catalog No. : 31206 **Lot No.:** A0206540

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 : December 31, 2029 **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%	2,007.1 µg/mL	+/- 90.4025
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,005.9 µg/mL	+/- 90.3454
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,007.9 µg/mL	+/- 90.4385
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,006.7 µg/mL	+/- 90.3845
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,015.5 µg/mL	+/- 90.7778
6	Perylene-d12	1520-96-3	PR-33205	99%	2,014.7 µg/mL	+/- 90.7448

* 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 pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

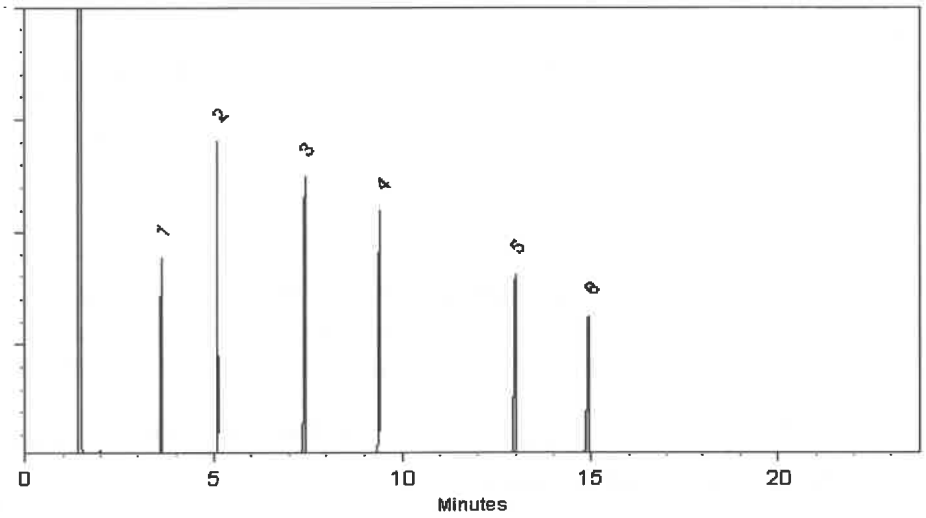
Inj. Temp:
250°C

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.

Malina Homan - Operations Technician I

Date Mixed: 12-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-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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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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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. : 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:

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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:

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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. : 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:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

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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
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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

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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
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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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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)
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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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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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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
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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

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration 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.
- 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:

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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

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. : 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

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CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- 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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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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.)

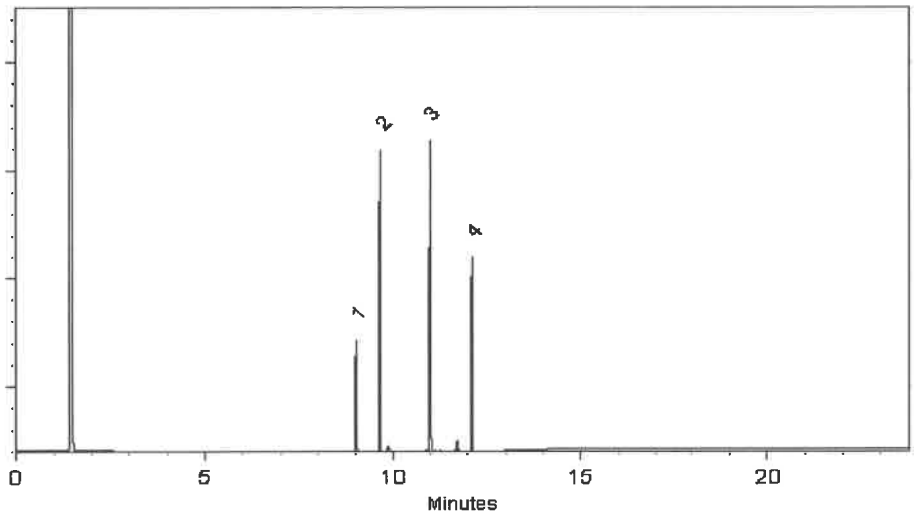
Inj. Temp:
250°C

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

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	414127	≤-10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.3P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	991.8 ± 5.77
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

~~S12280~~ ↓ ~~S12284~~ RCI 05/24/24

New numbers Generated.

S12790 ↓ S12794 RCI 11/12/24

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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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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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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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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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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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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.



SHIPPING DOCUMENTS

Q1730

Chemtech

Phone: (908) 789-8900
Fax: (908) 789-8922
284 Sheffield Street, Mountainside, NJ 07092

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 4_01/08/2020

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:	C. Odell

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-VSL-15-040325	4/3/25	1210	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-VSL-16-040325	4/3/25	1220	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-VSL-17-040325	4/3/25	1230	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-21-040325	4/3/25	1345	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-22-040325	4/3/25	1350	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-23-040325	4/3/25	1355	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-24-040325	4/3/25	1400	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-25-040325	4/3/25	1405	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-PCS-TC-26-040325	4/3/25	1410	G	S		3	2	1				X	X	X	X	X	X	X	X	X
	OU4-CF-15-040325	4/3/25	1300	G	S		3	2	1				X	X	X	X	X	X	X	X	X

Relinquished by: (signature) — Date/Time: 4/3/25 1700 — Client Comments:
Received by: (signature) — Date/Time: 4/4/25 1045 — 2.7 ; 2.6
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:

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 ☐ Federal ☐ City ☐
Municipality ☐ 21 J ☐ Brownfield ☐
MWRA ☐ School ☐ MBTA ☐
WRTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments:

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.

[2] Preservation Code

Contest Use Only
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)

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 : Q1730 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 4/4/2025 10:51:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 4/4/2025 10:45:00 AM
Purchase Order :

Project Mgr : Yazmeen
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff : 4/4/2025 11:24:53 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1730-01	OU4-VSL-15-040325	Solid	04/03/2025	12:10	VOCMS Group3		8260D		10 Bus. Days
Q1730-03	OU4-VSL-16-040325	Solid	04/03/2025	12:20	VOCMS Group3		8260D		10 Bus. Days
Q1730-05	OU4-VSL-17-040325	Solid	04/03/2025	12:30	VOCMS Group3		8260D		10 Bus. Days
Q1730-07	OU4-PCS-TC-21-040325	Solid	04/03/2025	13:45	VOCMS Group3		8260D		10 Bus. Days
Q1730-09	OU4-PCS-TC-22-040325	Solid	04/03/2025	13:50	VOCMS Group3		8260D		10 Bus. Days
Q1730-11	OU4-PCS-TC-23-040325	Solid	04/03/2025	13:55	VOCMS Group3		8260D		10 Bus. Days
Q1730-13	OU4-PCS-TC-24-040325	Solid	04/03/2025	14:00	VOCMS Group3		8260D		10 Bus. Days
Q1730-15	OU4-PCS-TC-25-040325	Solid	04/03/2025	14:05	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 : Q1730 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
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Order Date : 4/4/2025 10:51:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 4/4/2025 10:45:00 AM
Purchase Order :

Project Mgr : Yazmeen
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff : 4/4/2025 11:24:53 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D	10 Bus. Days	
Q1730-17	OU4-PCS-TC-26-040325	Solid	04/03/2025	14:10					
					VOCMS Group3		8260D	10 Bus. Days	
Q1730-19	OU4-CF-15-040325	Solid	04/03/2025	13:00					
					VOCMS Group3		8260D	10 Bus. Days	

Relinguished By :
Date / Time : 4/4/25 1145

Received By :
Date / Time : 4/4/25 14:15

Storage Area : **VOA Refridgerator Room**

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	318045	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1309940	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	799469	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1516956	20.000	ng		0.02
76) Chrysene-d12	21.669	240	1578855	20.000	ng		0.01
86) Perylene-d12	25.080	264	1694453	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	184089	9.032	ng		0.00
7) Phenol-d6	6.952	99	241350	9.213	ng		0.00
23) Nitrobenzene-d5	8.916	82	216074	9.202	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	81159	8.288	ng		0.02
45) 2-Fluorobiphenyl	13.016	172	545120	9.532	ng		0.00
79) Terphenyl-d14	19.951	244	763023	9.563	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	40006	5.003	ng		97
3) Pyridine	3.723	79	103023	4.956	ng		97
4) n-Nitrosodimethylamine	3.628	42	35306	4.788	ng	#	92
6) Aniline	7.105	93	119908	4.998	ng		100
8) 2-Chlorophenol	7.340	128	99927	4.632	ng		98
9) Benzaldehyde	6.922	77	79614	6.656	ng		97
10) Phenol	6.975	94	125574	4.767	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	102214	4.926	ng		98
12) 1,3-Dichlorobenzene	7.664	146	116531	4.917	ng		100
13) 1,4-Dichlorobenzene	7.805	146	119798	4.998	ng		99
14) 1,2-Dichlorobenzene	8.122	146	114960	4.998	ng		99
15) Benzyl Alcohol	8.011	79	74252	4.630	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	109209	5.422	ng		98
17) 2-Methylphenol	8.216	107	74107	4.616	ng		96
18) Hexachloroethane	8.846	117	42376	4.909	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	72383	5.139	ng		98
20) 3+4-Methylphenols	8.540	107	100588	4.606	ng		98
22) Acetophenone	8.587	105	158185	4.699	ng	#	99
24) Nitrobenzene	8.958	77	108086	4.677	ng		96
25) Isophorone	9.487	82	174338	4.540	ng		100
26) 2-Nitrophenol	9.669	139	41305	3.880	ng		98
27) 2,4-Dimethylphenol	9.734	122	60843	4.354	ng		96
28) bis(2-Chloroethoxy)met...	9.957	93	135529	4.872	ng		99
29) 2,4-Dichlorophenol	10.205	162	77653	4.072	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	101518	4.646	ng		99
31) Naphthalene	10.599	128	340918	4.840	ng		99
32) Benzoic acid	9.805	122	33949	2.650	ng		98
33) 4-Chloroaniline	10.710	127	112776	4.545	ng		98
34) Hexachlorobutadiene	10.887	225	58080	4.589	ng		97
35) Caprolactam	11.475	113	23432	4.057	ng		95
36) 4-Chloro-3-methylphenol	11.840	107	85333	4.352	ng		99
37) 2-Methylnaphthalene	12.216	142	225485	4.817	ng		100
38) 1-Methylnaphthalene	12.434	142	220784	4.848	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	109528	4.459	ng		99
41) Hexachlorocyclopentadiene	12.569	237	33755	3.693	ng		100
43) 2,4,6-Trichlorophenol	12.822	196	58172	3.883	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	66250	4.044	ng		98
46) 1,1'-Biphenyl	13.234	154	293289	4.721	ng		98
47) 2-Chloronaphthalene	13.275	162	221413	4.715	ng		98
48) 2-Nitroaniline	13.475	65	45667	4.117	ng		88
49) Acenaphthylene	14.128	152	316902	4.580	ng		99
50) Dimethylphthalate	13.857	163	270053	4.789	ng		100
51) 2,6-Dinitrotoluene	13.975	165	49593	4.317	ng		97
52) Acenaphthene	14.475	154	211290	4.742	ng		99
53) 3-Nitroaniline	14.310	138	50611	4.129	ng		99
54) 2,4-Dinitrophenol	14.522	184	17541	2.867	ng	#	89
55) Dibenzofuran	14.822	168	351651	4.858	ng		100
56) 4-Nitrophenol	14.645	139	37281	3.521	ng		93
57) 2,4-Dinitrotoluene	14.775	165	58882	3.946	ng		90
58) Fluorene	15.481	166	261676	4.629	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	63120	4.441	ng		98
60) Diethylphthalate	15.251	149	259242	4.631	ng		98
61) 4-Chlorophenyl-phenyle...	15.481	204	131441	4.724	ng		99
62) 4-Nitroaniline	15.498	138	49239	3.871	ng		95
63) Azobenzene	15.775	77	242768	4.628	ng		97
65) 4,6-Dinitro-2-methylph...	15.557	198	26524	3.021	ng		90
66) n-Nitrosodiphenylamine	15.692	169	213927	4.522	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	78309	4.597	ng		93
68) Hexachlorobenzene	16.510	284	94130	4.696	ng		98
69) Atrazine	16.669	200	62551	5.152	ng		98
70) Pentachlorophenol	16.869	266	45885	3.525	ng		99
71) Phenanthrene	17.263	178	404881	4.734	ng		99
72) Anthracene	17.357	178	376601	4.595	ng		99
73) Carbazole	17.634	167	349000	4.469	ng		99
74) Di-n-butylphthalate	18.234	149	389057	4.270	ng		99
75) Fluoranthene	19.351	202	444670	4.597	ng		97
77) Benzidine	19.545	184	87777	4.562	ng		98
78) Pyrene	19.722	202	464704	4.634	ng		99
80) Butylbenzylphthalate	20.675	149	157601	4.101	ng		99
81) Benzo(a)anthracene	21.651	228	471347	4.761	ng		99
82) 3,3'-Dichlorobenzidine	21.580	252	134146	4.336	ng		99
83) Chrysene	21.722	228	467600	4.898	ng		99
84) Bis(2-ethylhexyl)phtha...	21.598	149	242048	4.153	ng		99
85) Di-n-octyl phthalate	22.898	149	363786	3.905	ng		98
87) Indeno(1,2,3-cd)pyrene	28.945	276	539523	4.476	ng		97
88) Benzo(b)fluoranthene	24.004	252	467406	4.344	ng		99
89) Benzo(k)fluoranthene	24.069	252	462653	4.417	ng		99
90) Benzo(a)pyrene	24.910	252	403692	4.421	ng		99
91) Dibenzo(a,h)anthracene	29.015	278	450461	4.444	ng		98
92) Benzo(g,h,i)perylene	30.133	276	464721	4.518	ng		99

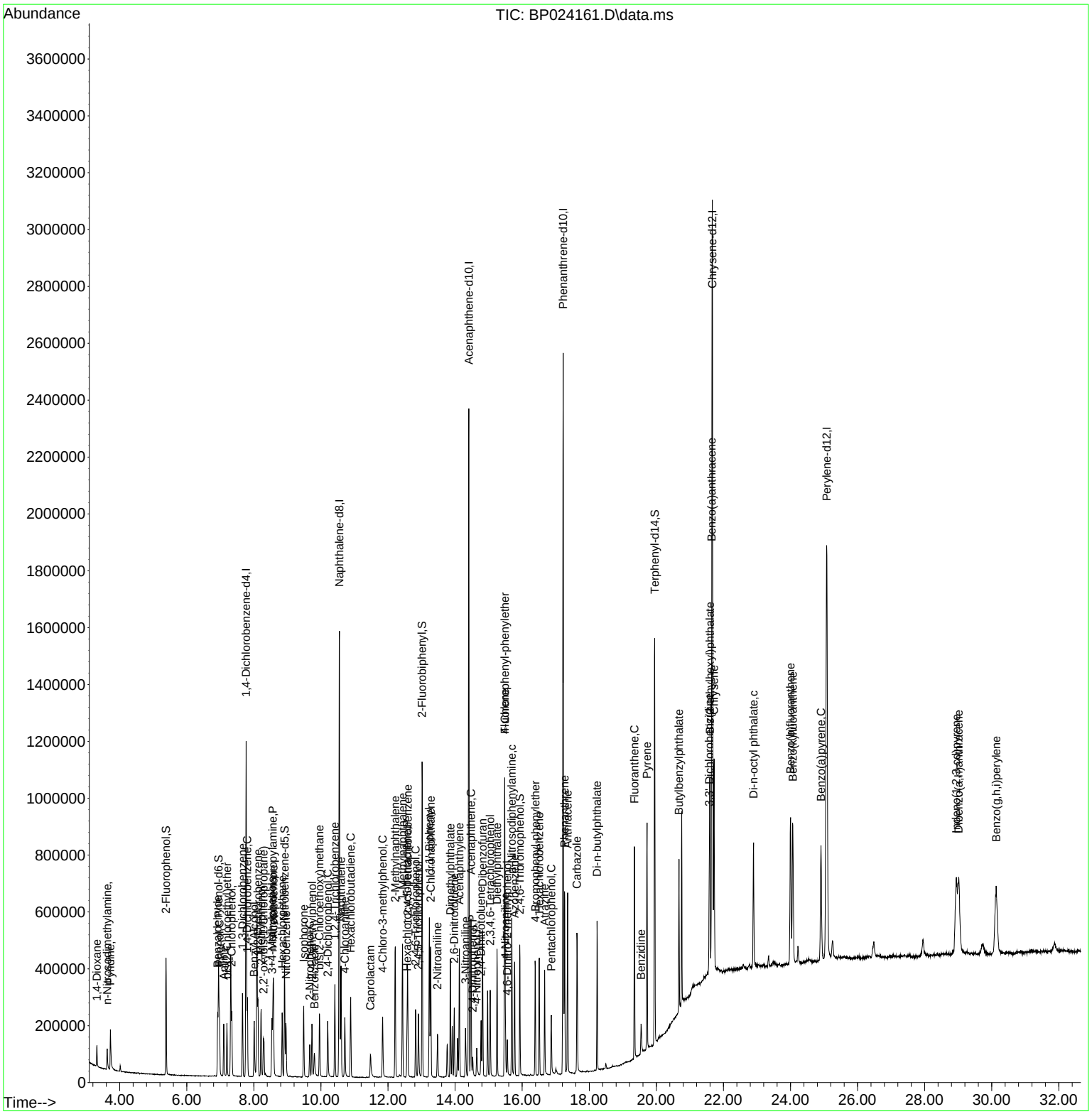
(#) = qualifier out of range (m) = manual integration (+) = signals summed

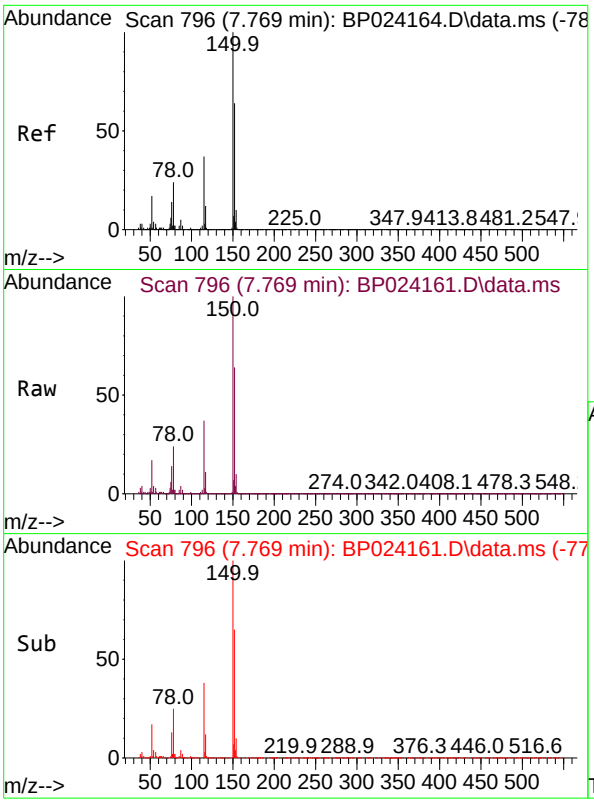
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



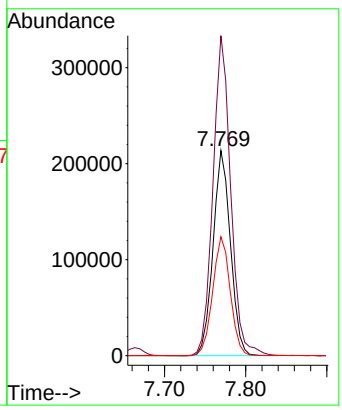


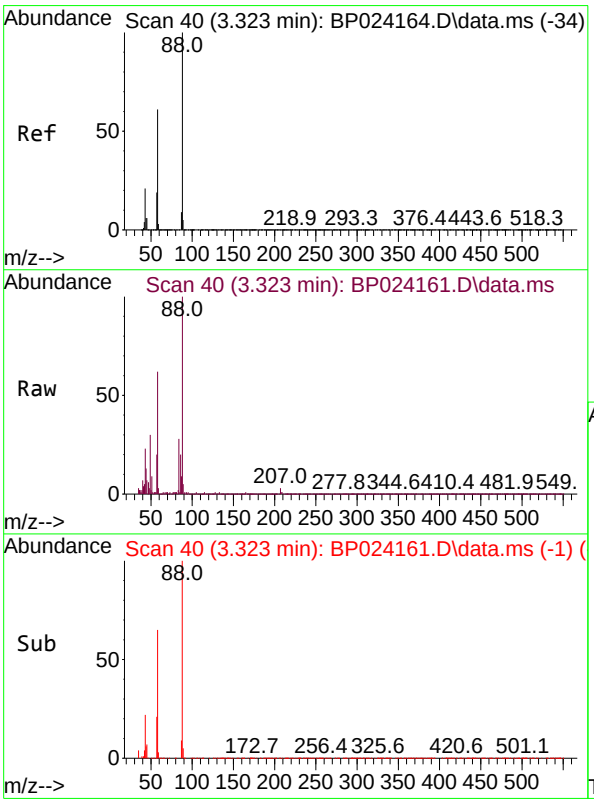
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 318045

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.5	188.3
115	57.9	46.3	69.5

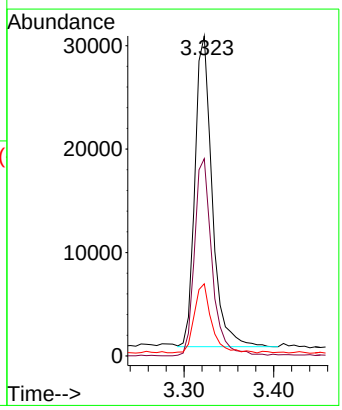


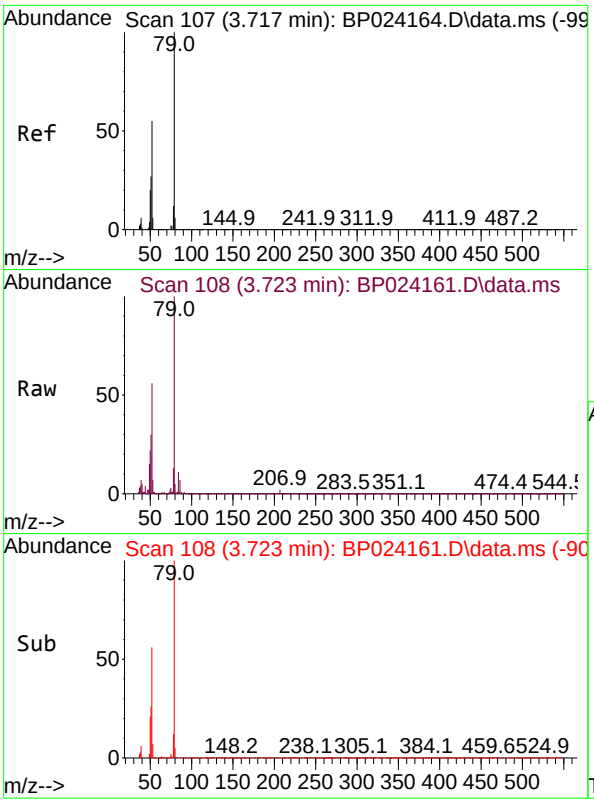


#2
1,4-Dioxane
Concen: 5.003 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 88 Resp: 40006

Ion	Ratio	Lower	Upper
88	100		
58	64.7	49.8	74.6
43	22.3	17.3	25.9



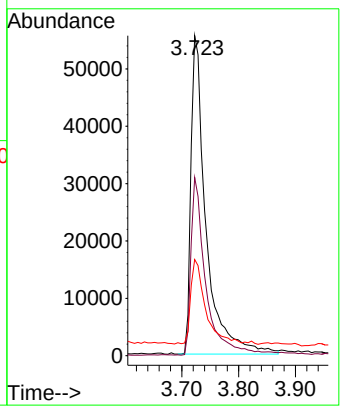


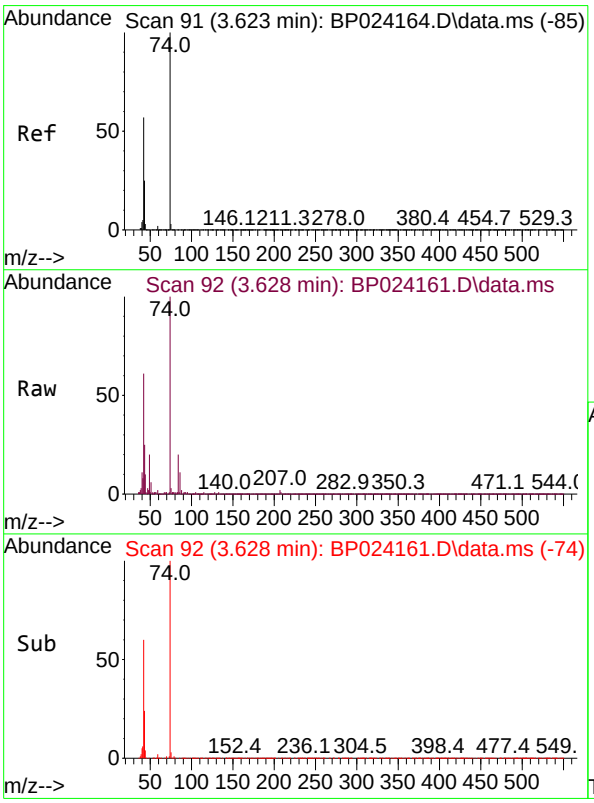
#3
Pyridine
Concen: 4.956 ng
RT: 3.723 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 103023

Ion	Ratio	Lower	Upper
79	100		
52	55.7	43.8	65.8
51	30.1	21.6	32.4

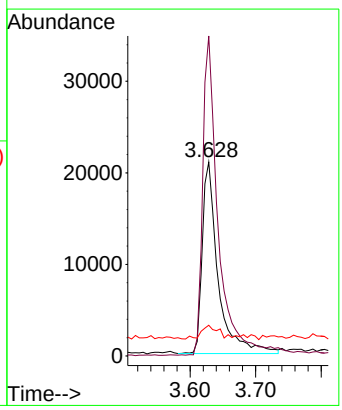


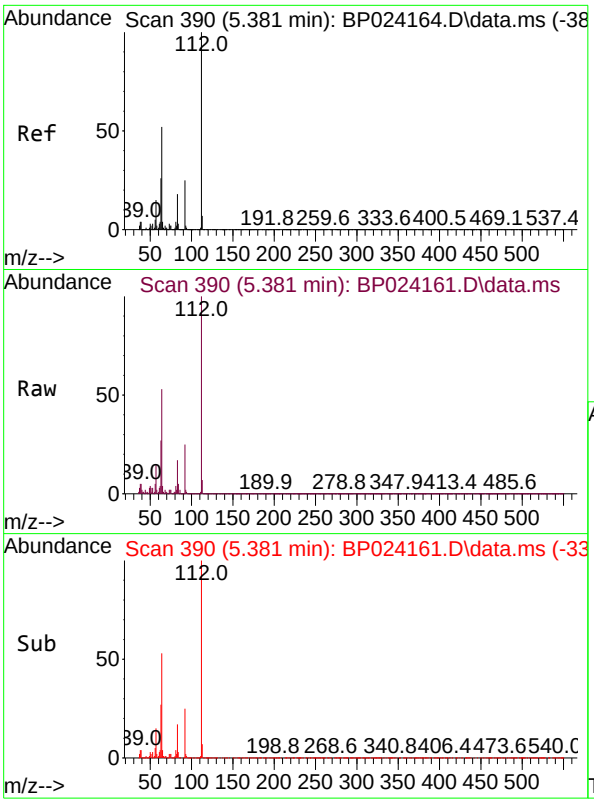


#4
n-Nitrosodimethylamine
Concen: 4.788 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 42 Resp: 35306

Ion	Ratio	Lower	Upper
42	100		
74	165.1	139.8	209.6
44	15.9	5.3	7.9#



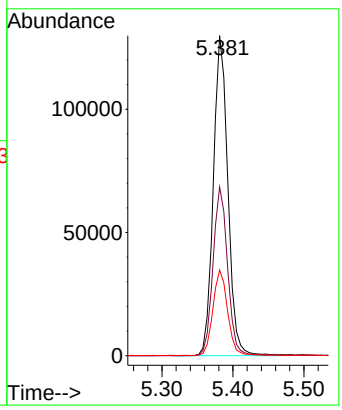


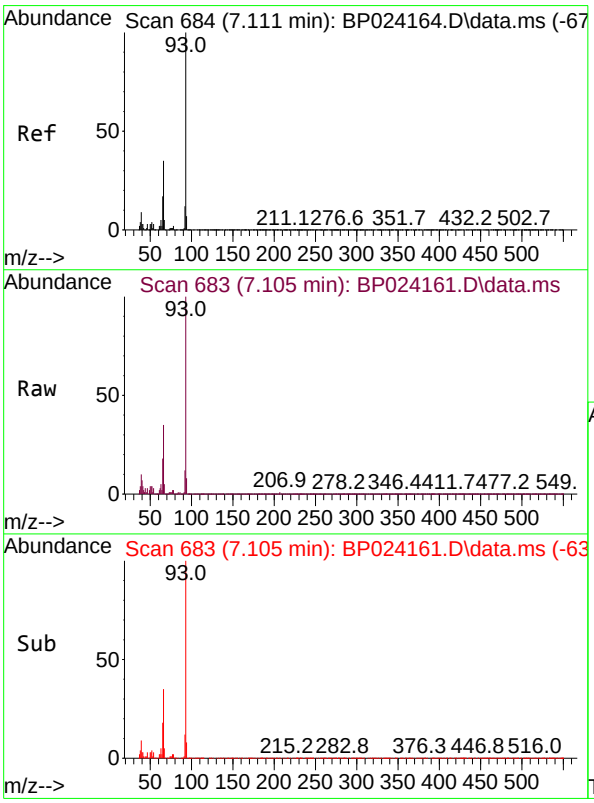
#5
2-Fluorophenol
Concen: 9.032 ng
RT: 5.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 184089

Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.3	61.9
63	26.7	20.6	31.0

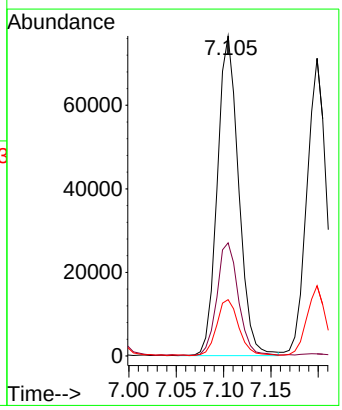


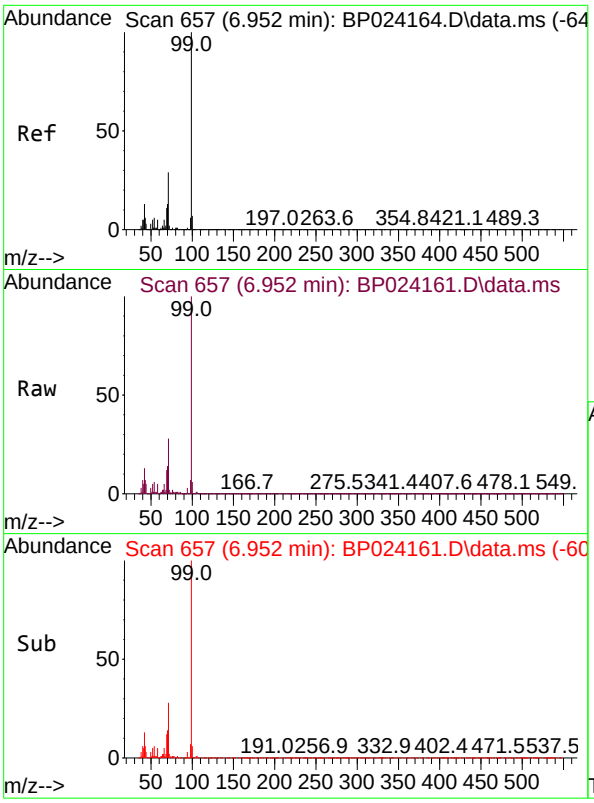


#6
Aniline
Concen: 4.998 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 93 Resp: 119908

Ion	Ratio	Lower	Upper
93	100		
66	35.3	28.2	42.2
65	17.6	14.0	21.0



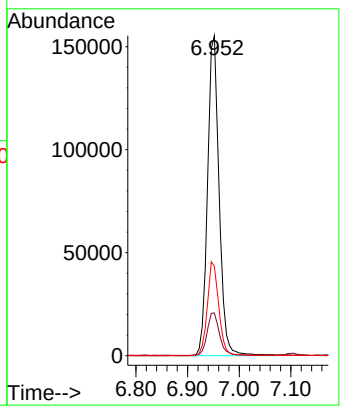


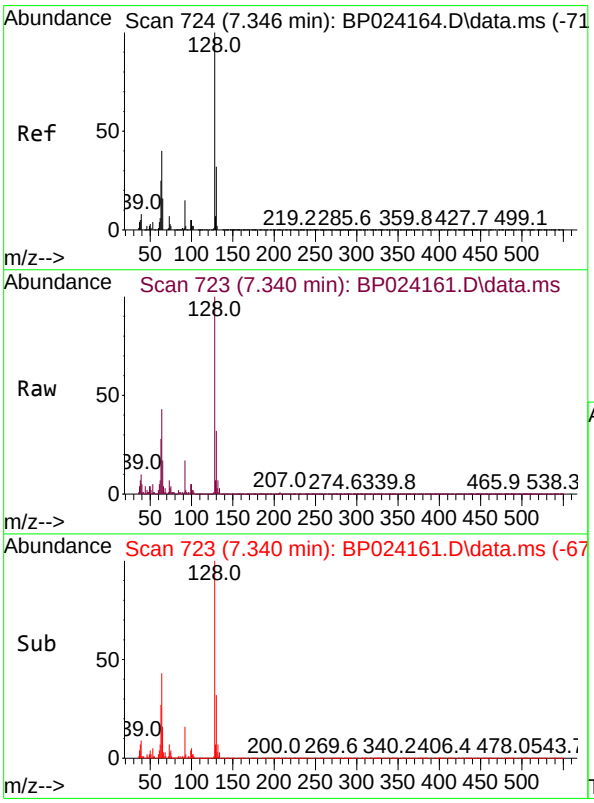
#7
Phenol-d6
Concen: 9.213 ng
RT: 6.952 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 241350

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	27.9	23.3	34.9

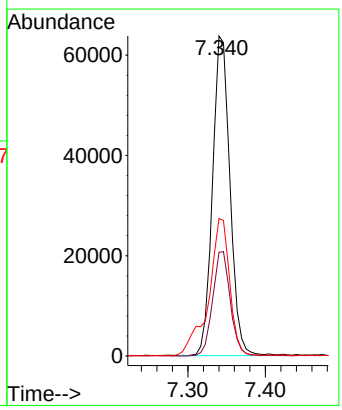


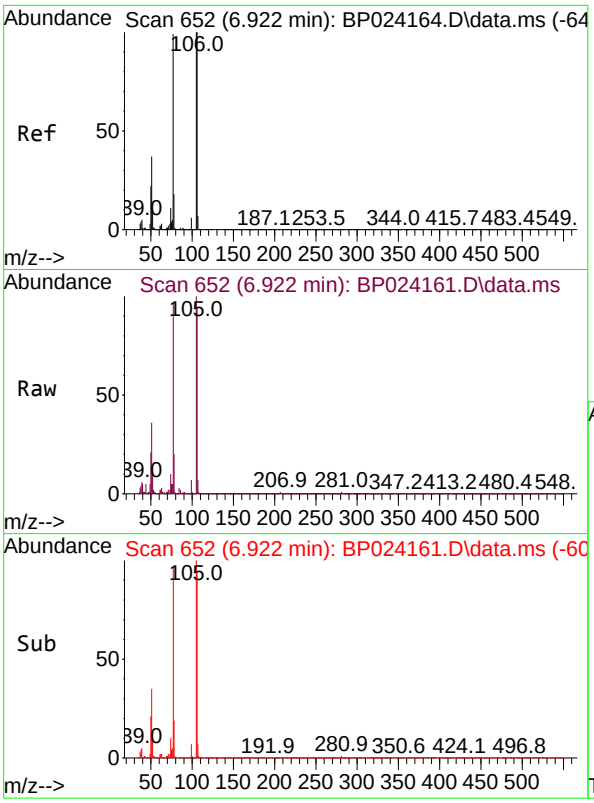


#8
2-Chlorophenol
Concen: 4.632 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:128 Resp: 99927

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	43.0	21.6	61.6



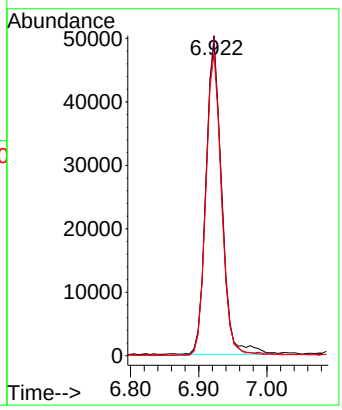


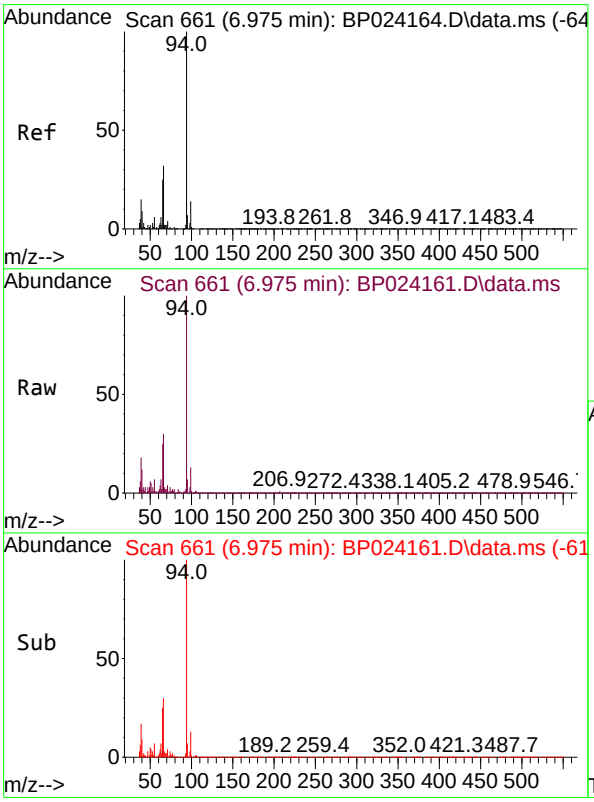
#9
Benzaldehyde
Concen: 6.656 ng
RT: 6.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 79614

Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.4	121.4
106	96.7	81.1	121.1

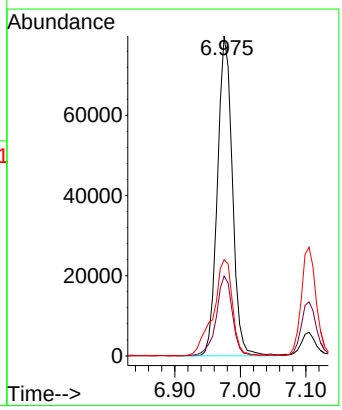


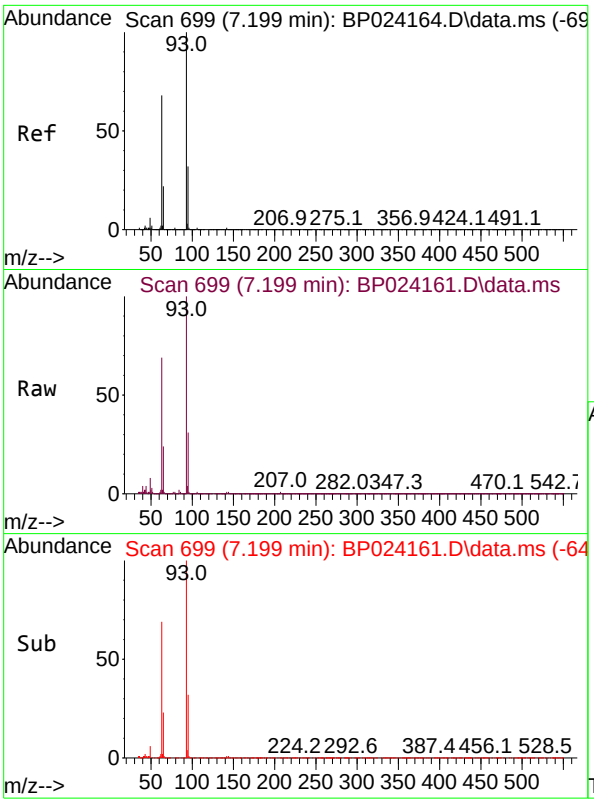


#10
Phenol
Concen: 4.767 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 94 Resp: 125574

Ion	Ratio	Lower	Upper
94	100		
65	24.9	4.9	44.9
66	30.1	11.9	51.9



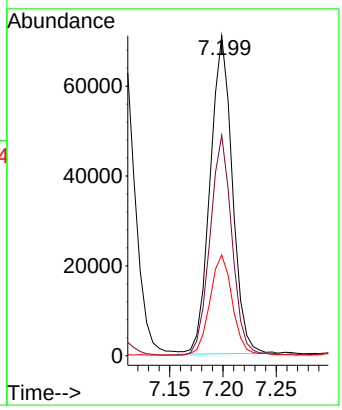


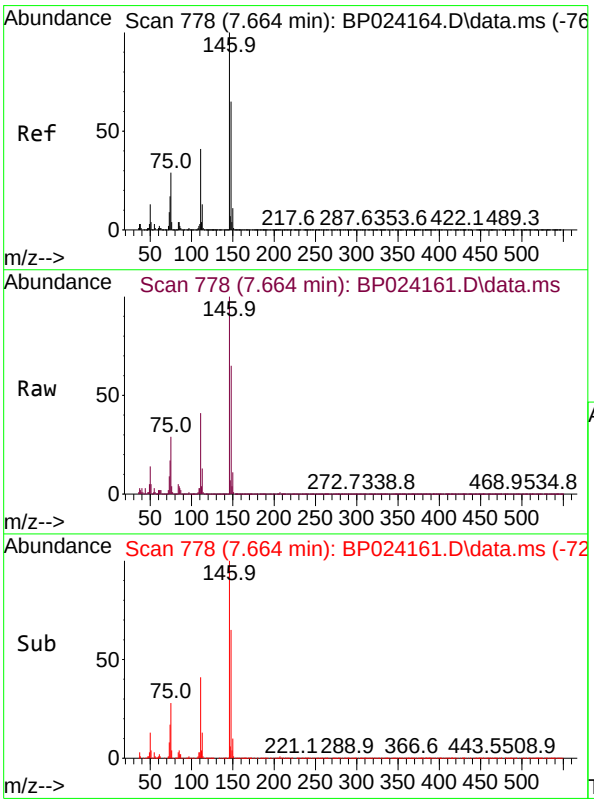
#11
bis(2-Chloroethyl)ether
Concen: 4.926 ng
RT: 7.199 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 102214

Ion	Ratio	Lower	Upper
93	100		
63	68.8	47.4	87.4
95	31.5	12.1	52.1

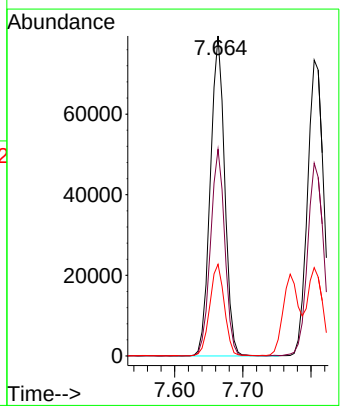


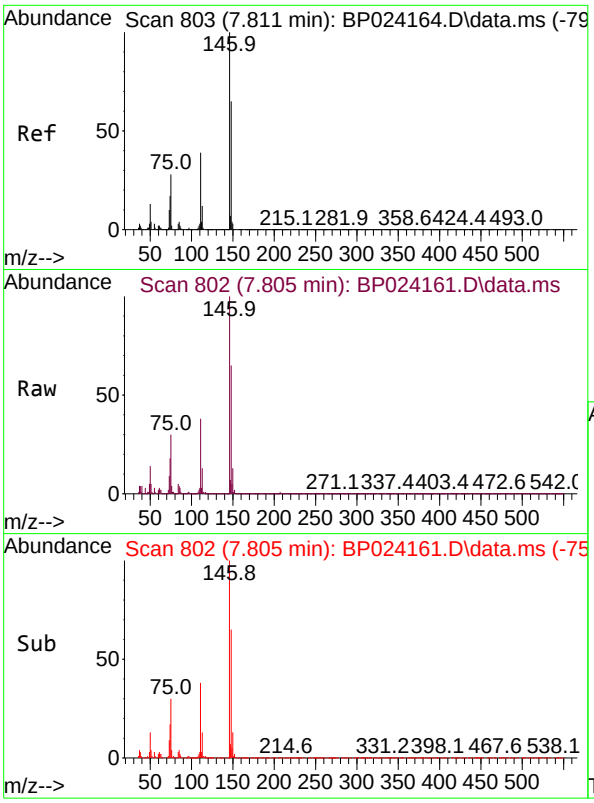


#12
1,3-Dichlorobenzene
Concen: 4.917 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:146 Resp: 116531

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.6	22.8	34.2



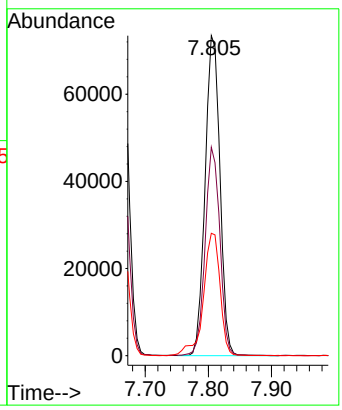


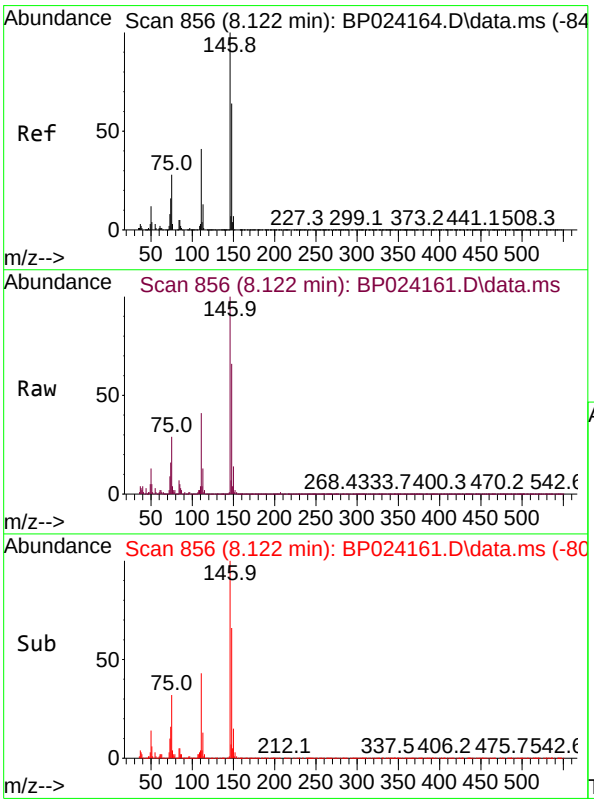
#13
1,4-Dichlorobenzene
Concen: 4.998 ng
RT: 7.805 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 119798

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	38.3	31.4	47.2

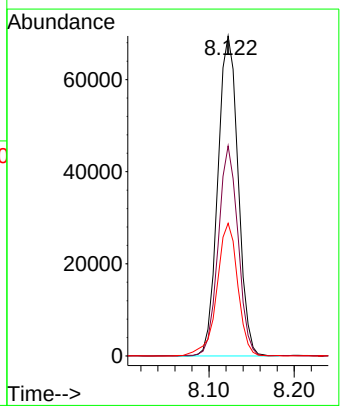


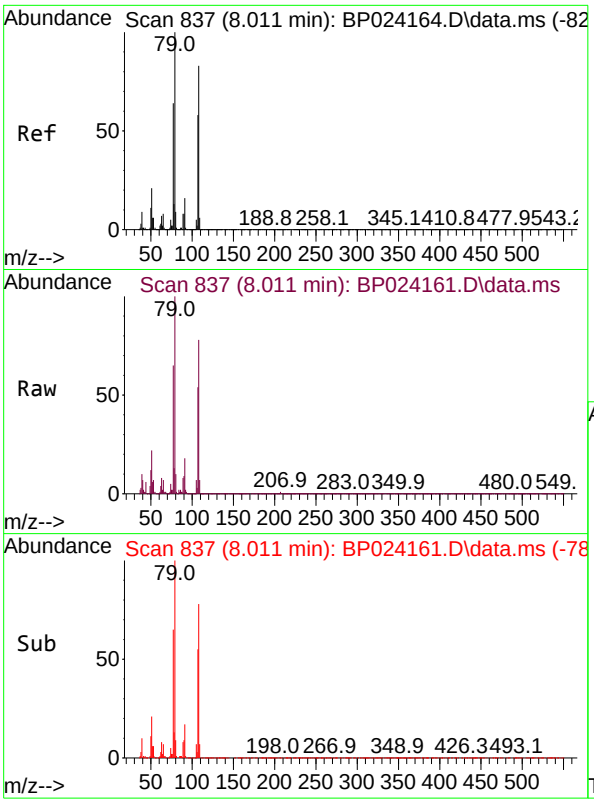


#14
1,2-Dichlorobenzene
Concen: 4.998 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:146 Resp: 114960

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	41.4	33.2	49.8



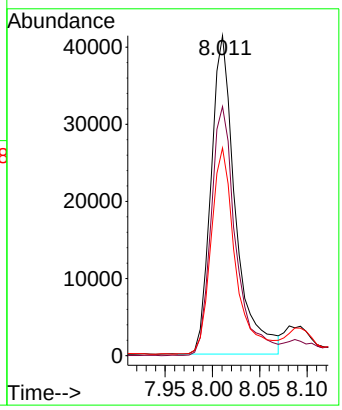


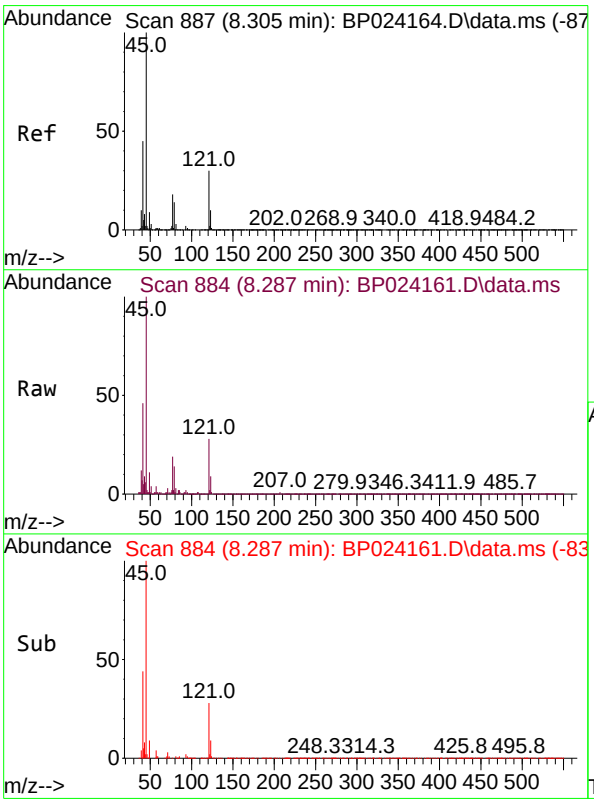
#15
Benzyl Alcohol
Concen: 4.630 ng
RT: 8.011 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 74252

Ion	Ratio	Lower	Upper
79	100		
108	77.9	66.5	99.7
77	64.9	50.9	76.3

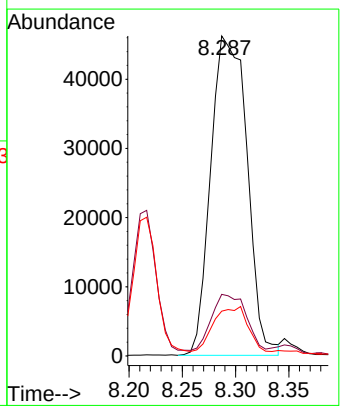


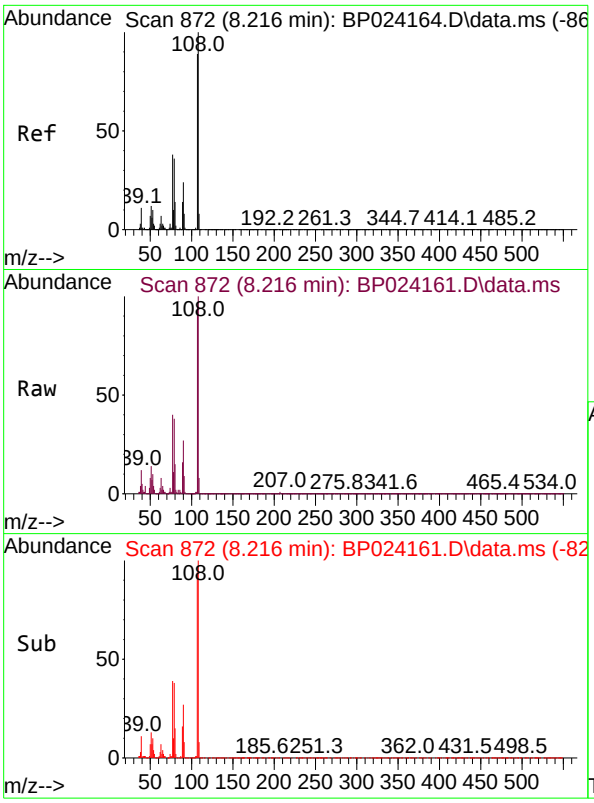


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.422 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 45 Resp: 109209

Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	39.0
79	14.0	0.0	35.6



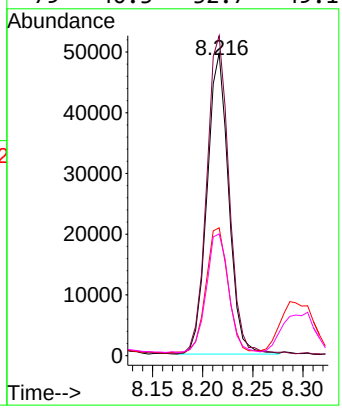


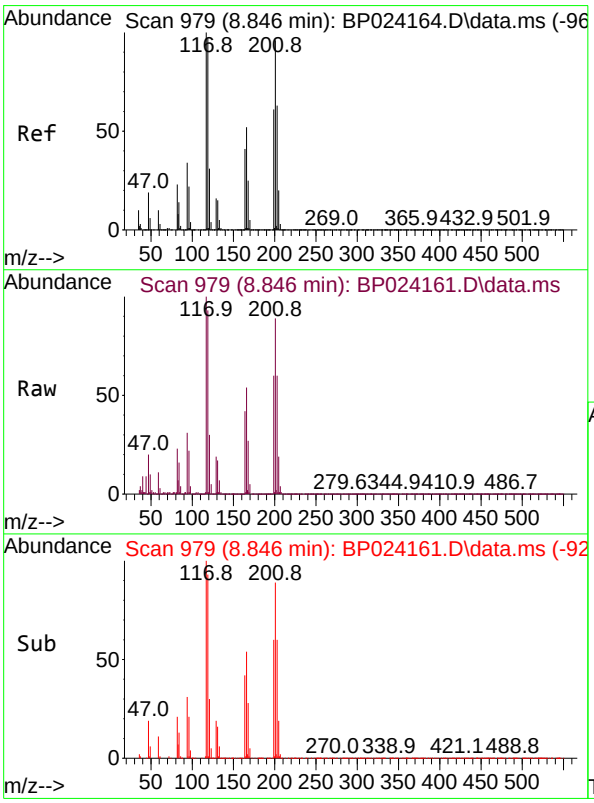
#17
2-Methylphenol
Concen: 4.616 ng
RT: 8.216 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 74107

Ion	Ratio	Lower	Upper
107	100		
108	105.7	90.0	135.0
77	42.2	34.0	51.0
79	40.3	32.7	49.1

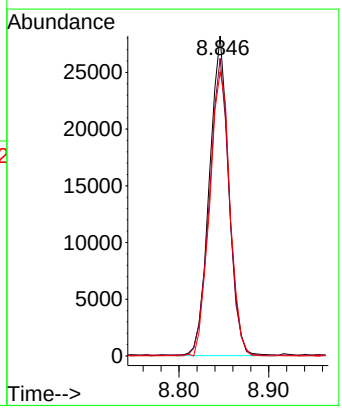


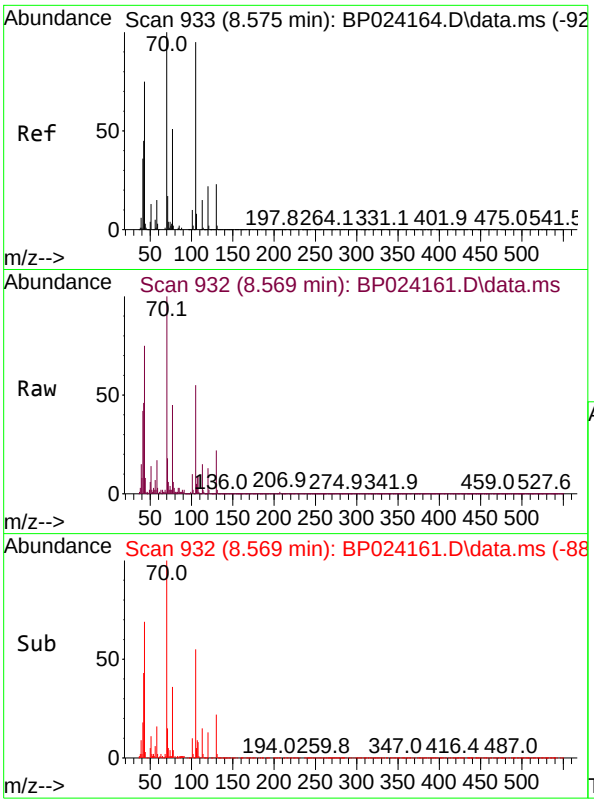


#18
Hexachloroethane
Concen: 4.909 ng
RT: 8.846 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:117 Resp: 42376

Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.0
201	91.0	76.6	114.8



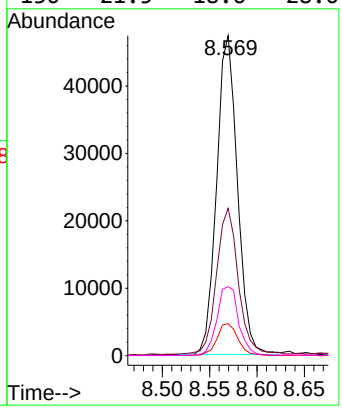


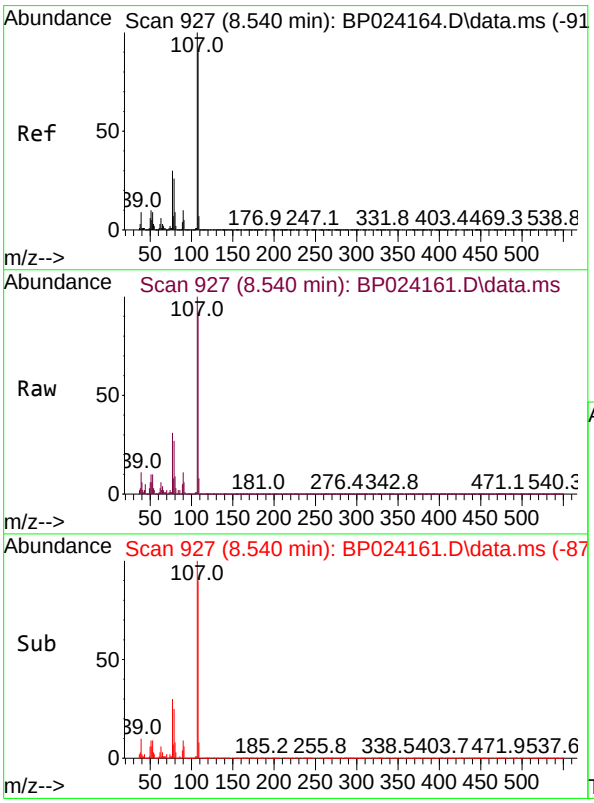
#19
n-Nitroso-di-n-propylamine
Concen: 5.139 ng
RT: 8.569 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 72383

Ion	Ratio	Lower	Upper
70	100		
42	46.0	36.0	54.0
101	10.0	8.3	12.5
130	21.5	18.6	28.0

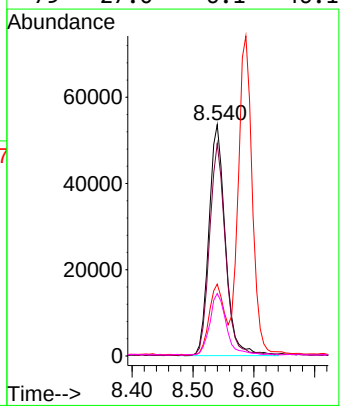


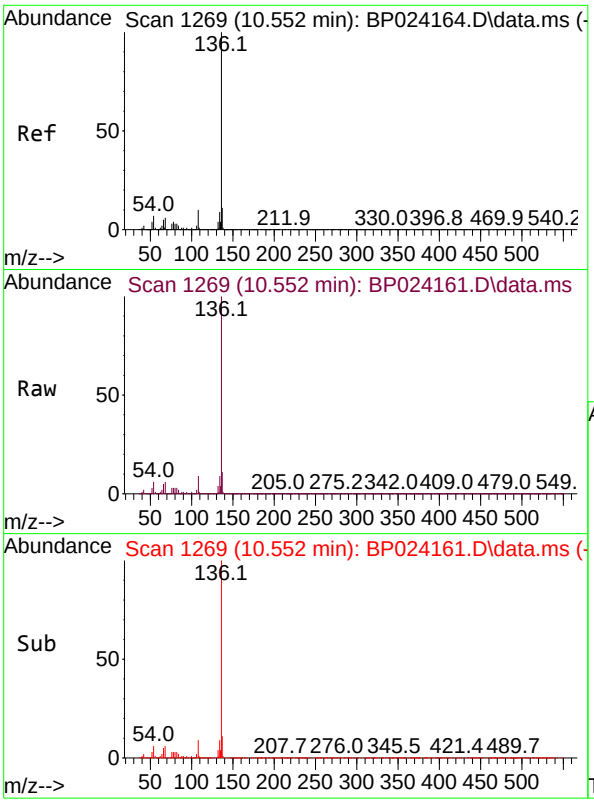


#20
3+4-Methylphenols
Concen: 4.606 ng
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:107 Resp: 100588

Ion	Ratio	Lower	Upper
107	100		
108	91.8	69.7	109.7
77	31.0	10.3	50.3
79	27.0	6.1	46.1



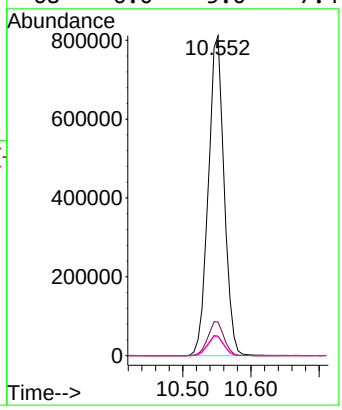


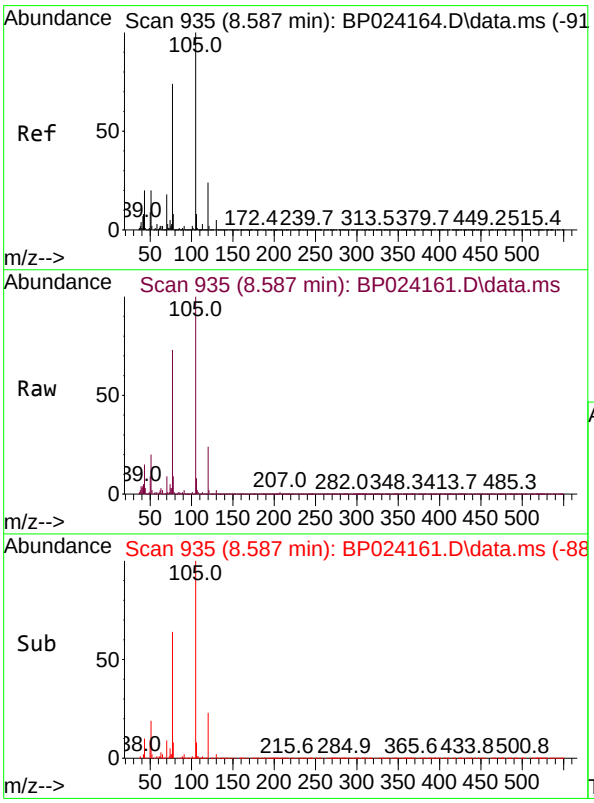
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1309940

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.1	5.3	7.9
68	6.0	5.0	7.4

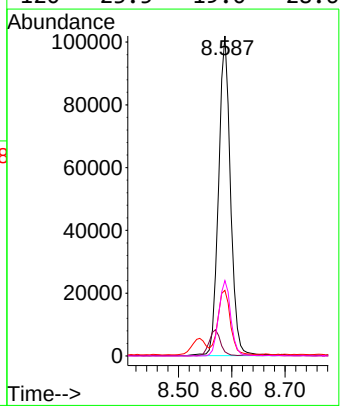


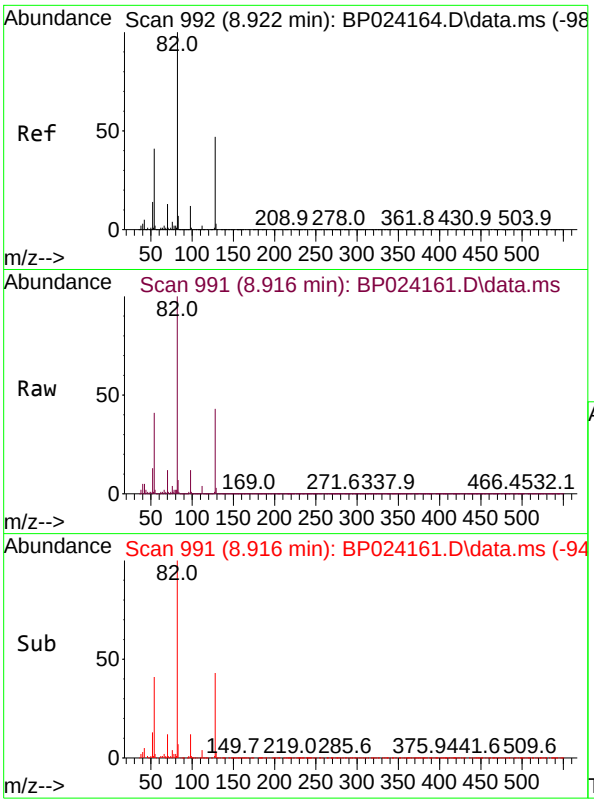


#22
Acetophenone
Concen: 4.699 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:105 Resp: 158185

Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.4	3.6#
51	20.5	16.2	24.2
120	23.5	19.0	28.6



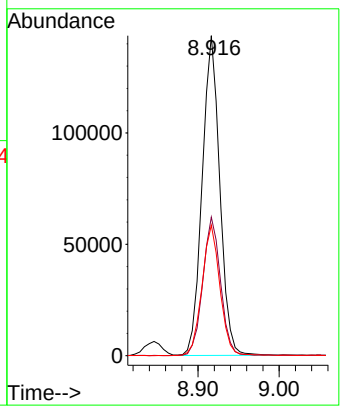


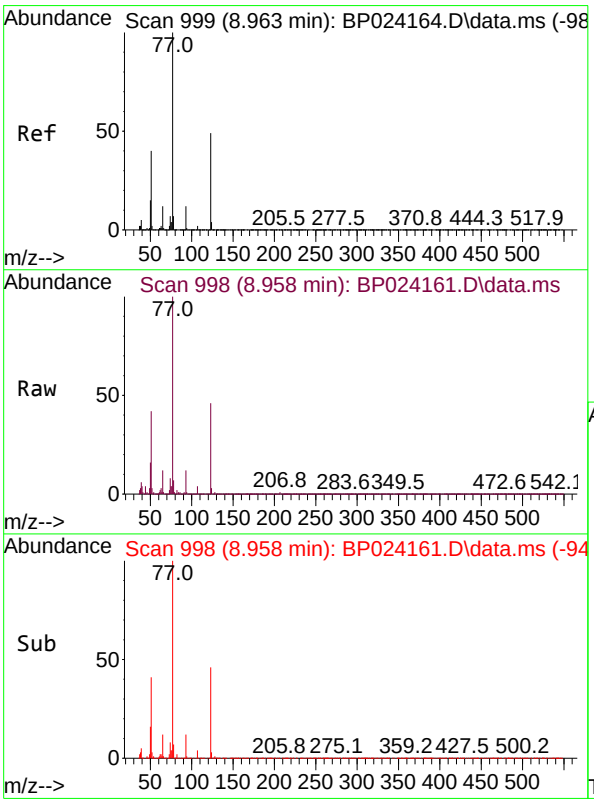
#23
Nitrobenzene-d5
Concen: 9.202 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 216074

Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.4	56.0
54	40.8	32.5	48.7

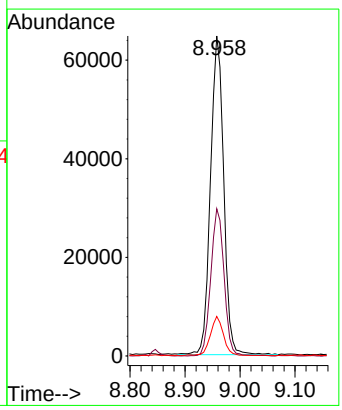


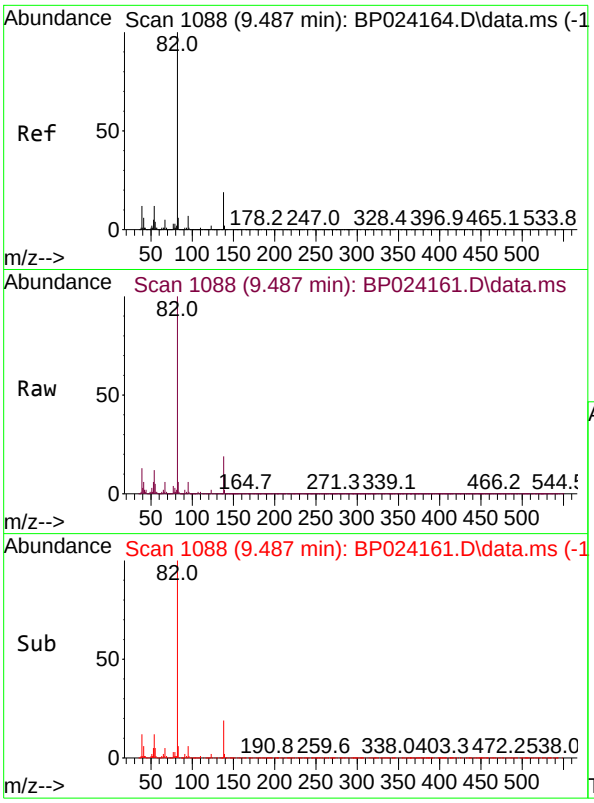


#24
Nitrobenzene
Concen: 4.677 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 77 Resp: 108086

Ion	Ratio	Lower	Upper
77	100		
123	46.0	39.4	59.2
65	12.4	9.9	14.9



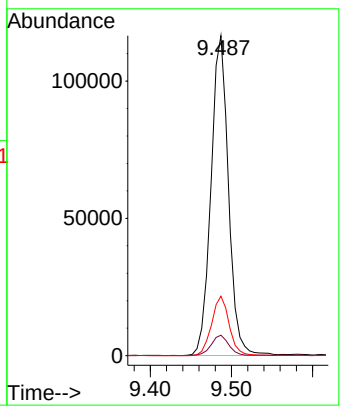


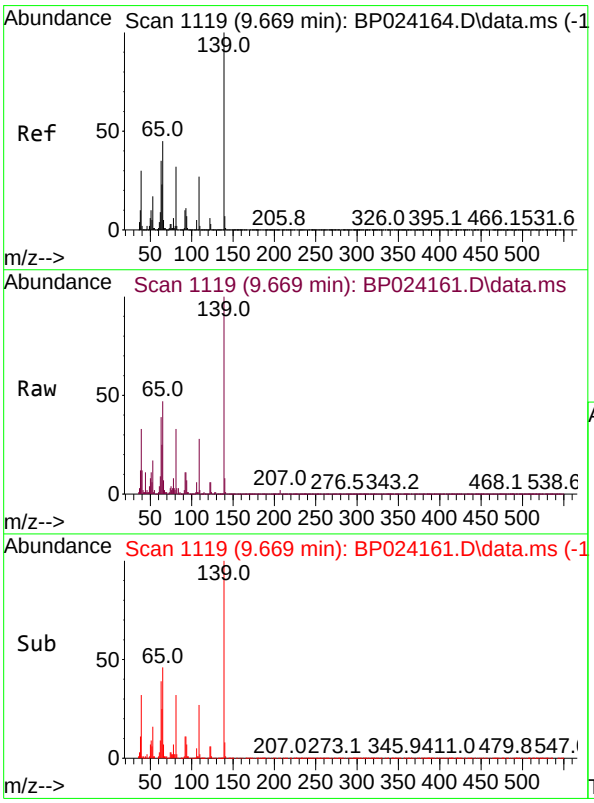
#25
Isophorone
Concen: 4.540 ng
RT: 9.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 174338

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.3	7.9
138	18.6	14.8	22.2

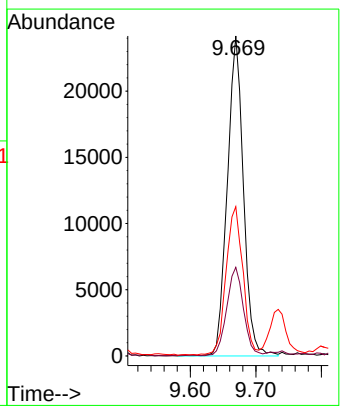


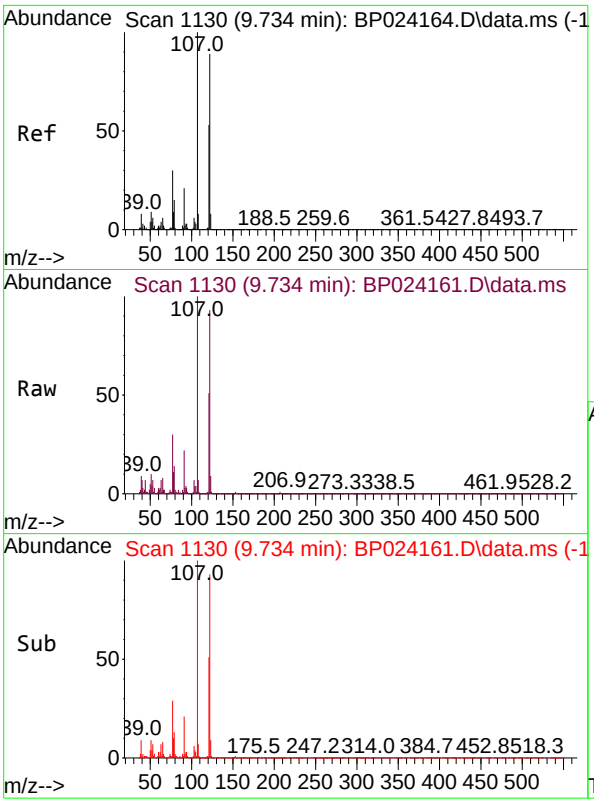


#26
2-Nitrophenol
Concen: 3.880 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:139 Resp: 41305

Ion	Ratio	Lower	Upper
139	100		
109	27.7	21.7	32.5
65	46.6	35.8	53.8



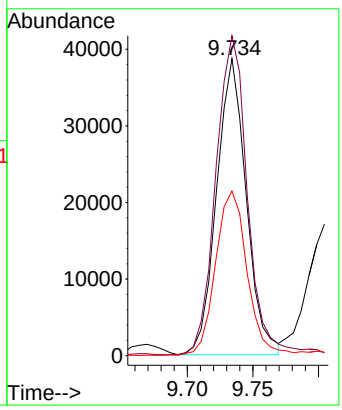


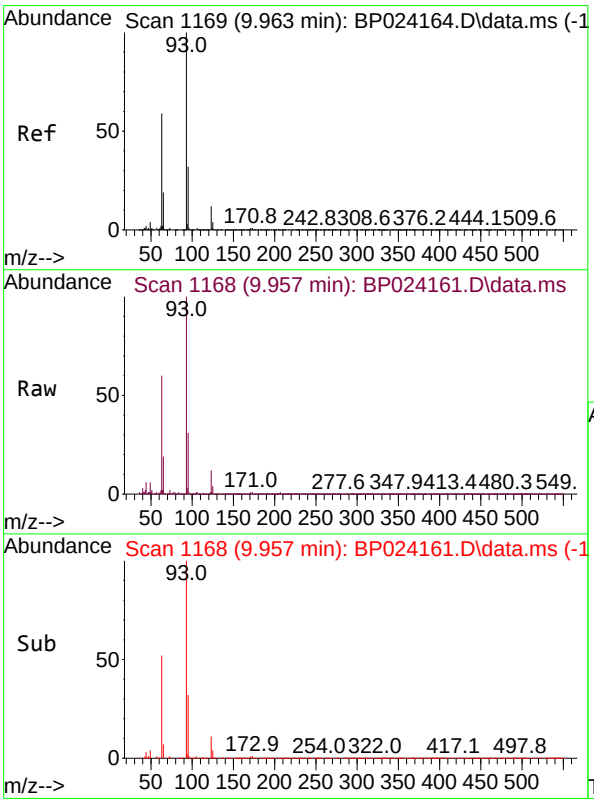
#27
2,4-Dimethylphenol
Concen: 4.354 ng
RT: 9.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 60843

Ion	Ratio	Lower	Upper
122	100		
107	107.7	89.3	133.9
121	55.4	47.5	71.3

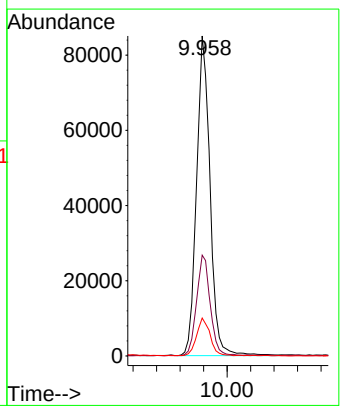


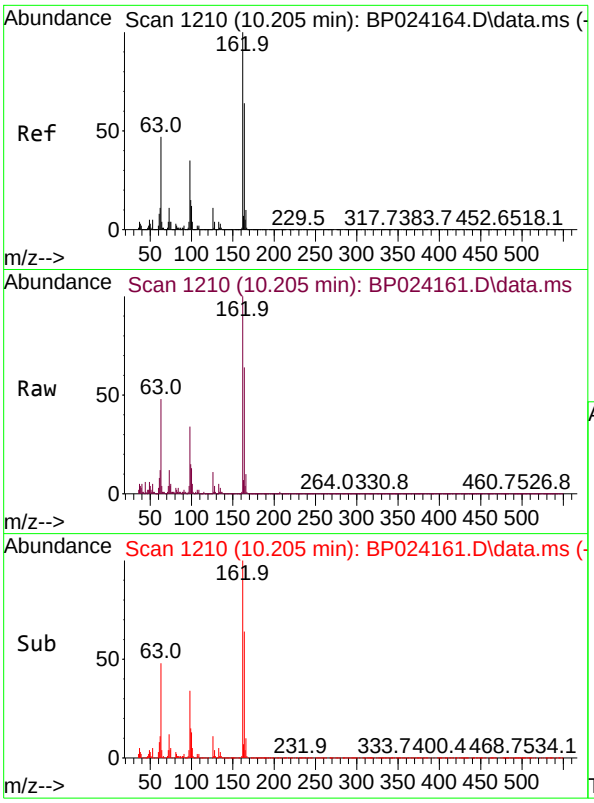


#28
bis(2-Chloroethoxy)methane
Concen: 4.872 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 93 Resp: 135529

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.9	38.9
123	11.9	9.5	14.3



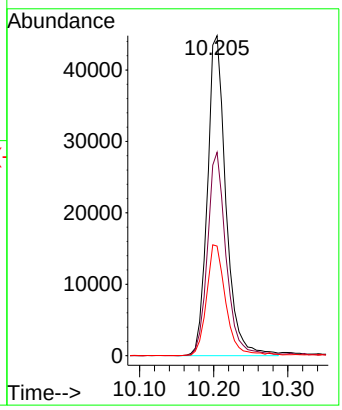


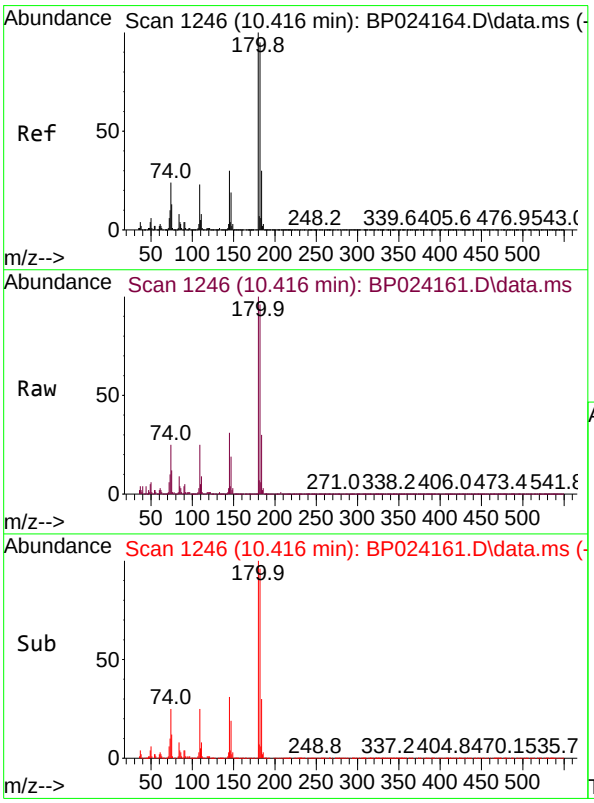
#29
2,4-Dichlorophenol
Concen: 4.072 ng
RT: 10.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 77653

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	34.2	15.1	55.1

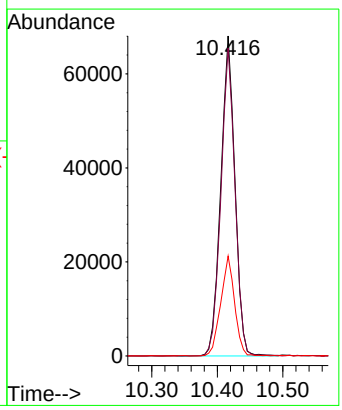


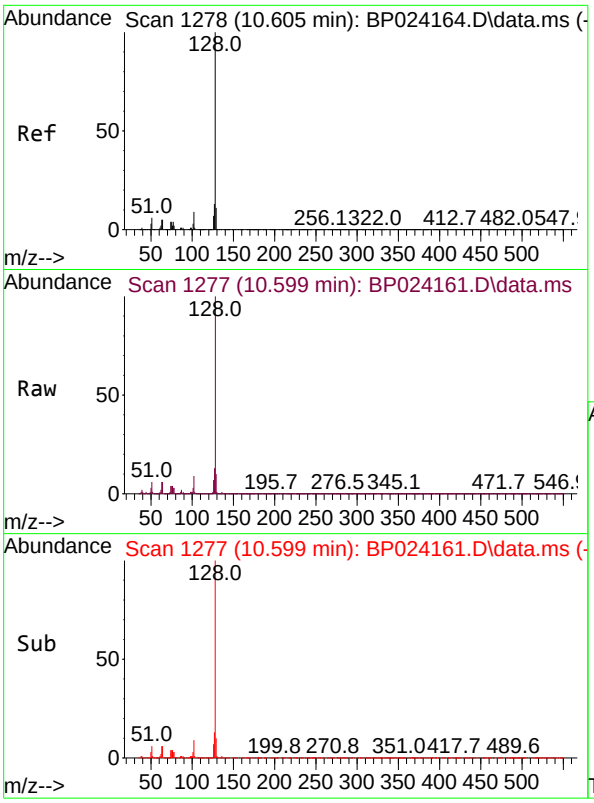


#30
1,2,4-Trichlorobenzene
Concen: 4.646 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:180 Resp: 101518

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
145	31.2	24.2	36.2



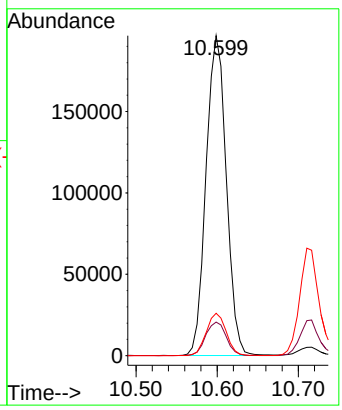


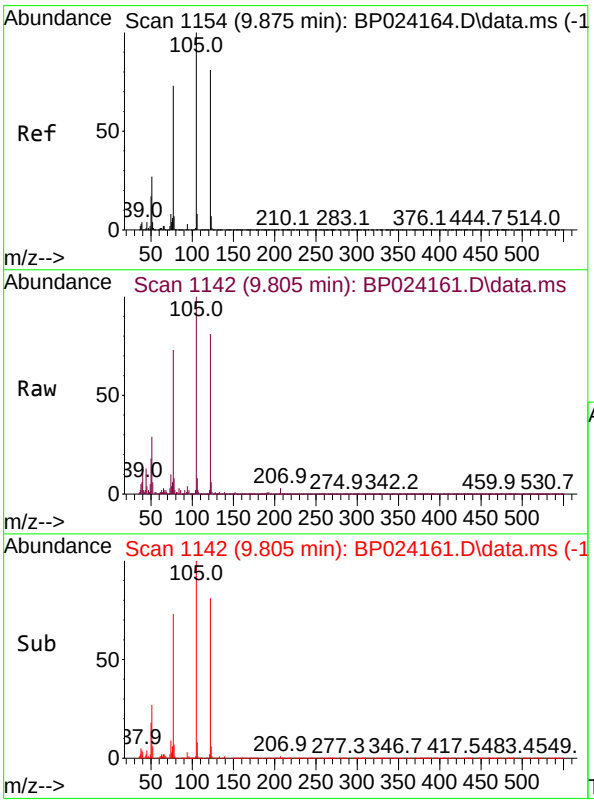
#31
Naphthalene
Concen: 4.840 ng
RT: 10.599 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 340918

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	13.3	10.4	15.6

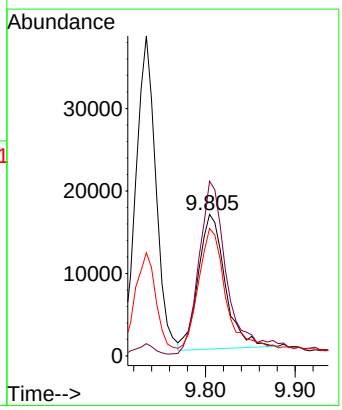


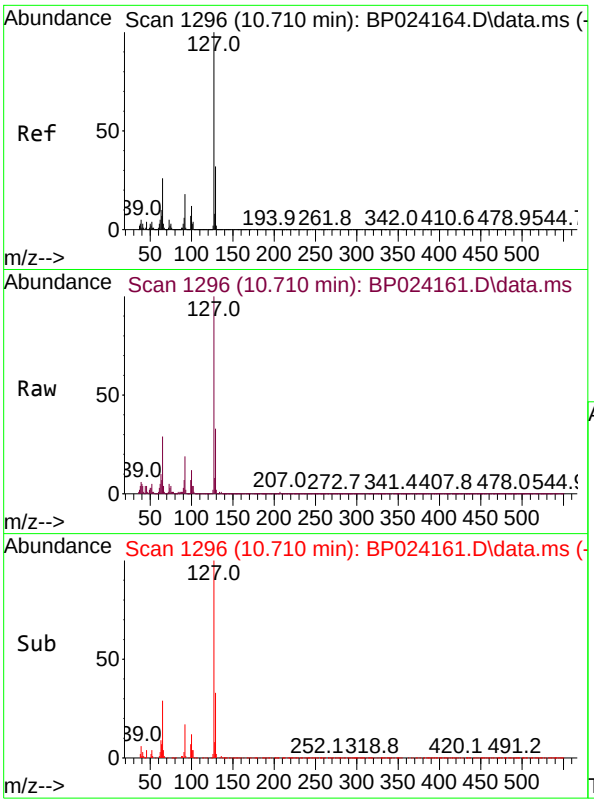


#32
Benzoic acid
Concen: 2.650 ng
RT: 9.805 min Scan# 1142
Delta R.T. -0.071 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:122 Resp: 33949

Ion	Ratio	Lower	Upper
122	100		
105	123.4	100.3	140.3
77	90.1	69.1	109.1



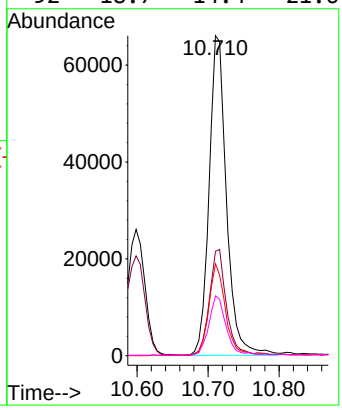


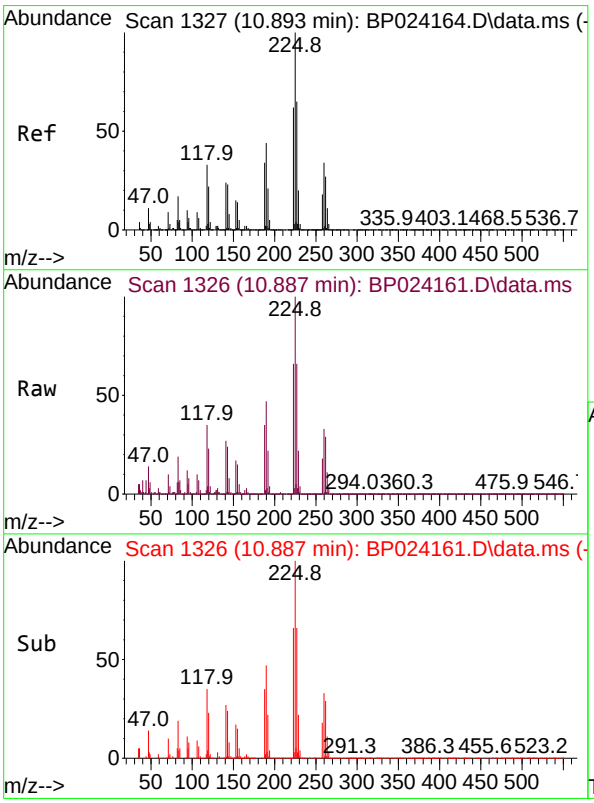
#33
4-Chloroaniline
Concen: 4.545 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 112776

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	28.7	21.2	31.8
92	18.7	14.4	21.6

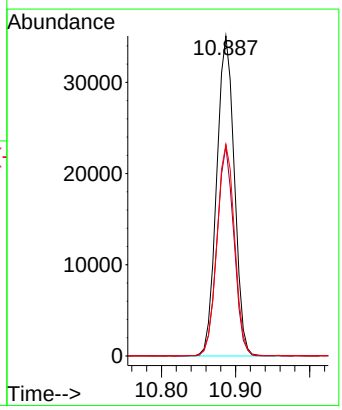


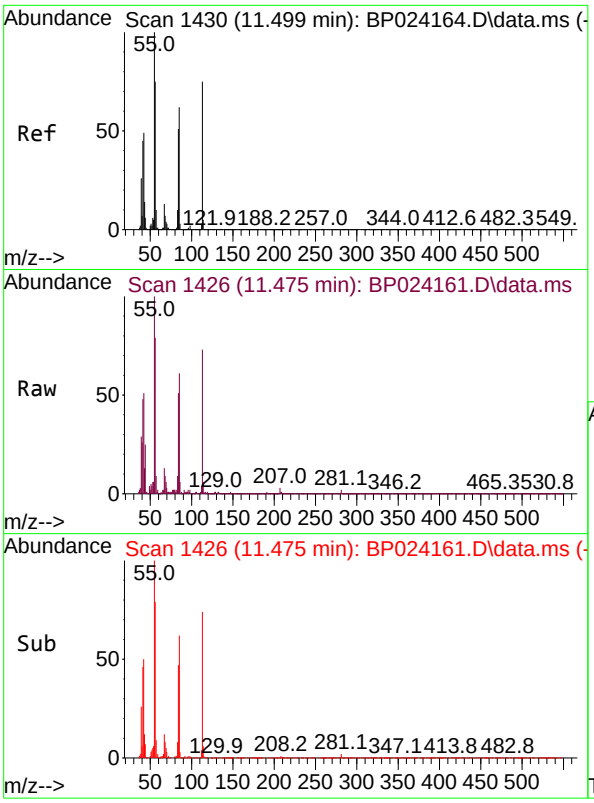


#34
Hexachlorobutadiene
Concen: 4.589 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:225 Resp: 58080

Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.9	74.9
227	66.1	52.2	78.2



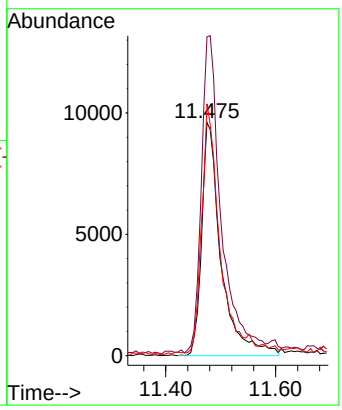


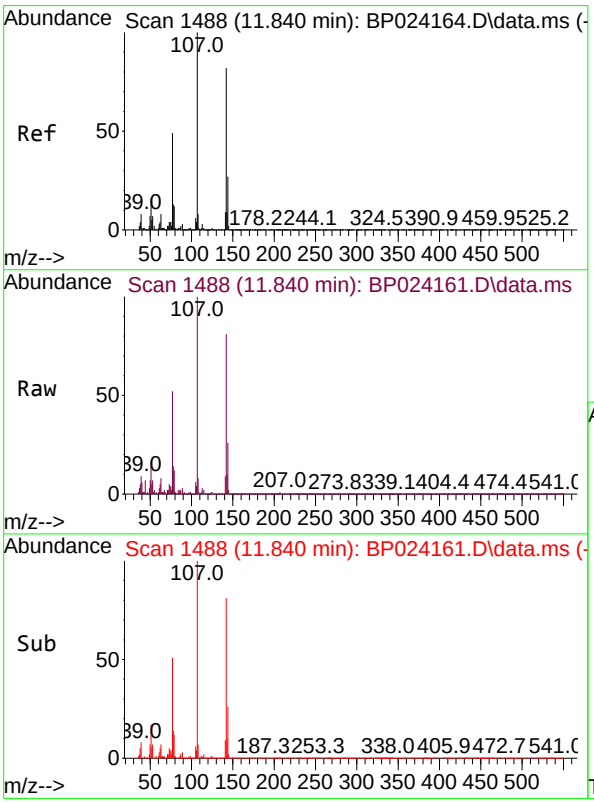
#35
Caprolactam
Concen: 4.057 ng
RT: 11.475 min Scan# 14
Delta R.T. -0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 23432

Ion	Ratio	Lower	Upper
113	100		
55	136.8	113.6	153.6
56	108.1	80.0	120.0

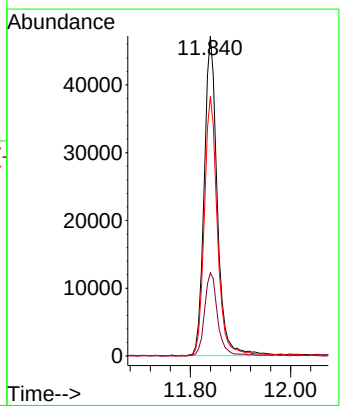


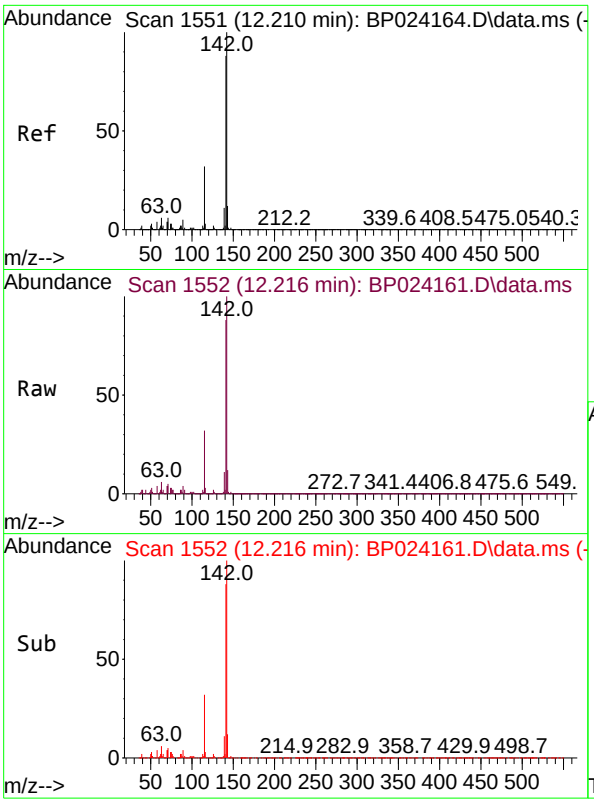


#36
4-Chloro-3-methylphenol
Concen: 4.352 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:107 Resp: 85333

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.6	32.4
142	81.1	65.4	98.0



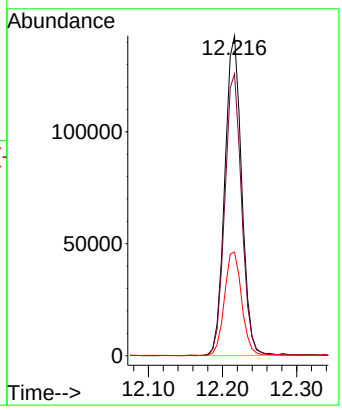


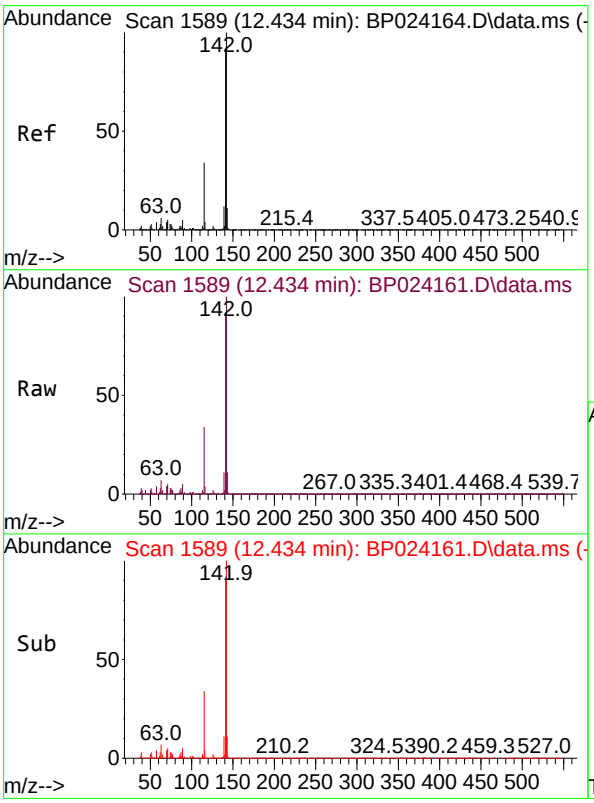
#37
2-Methylnaphthalene
Concen: 4.817 ng
RT: 12.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 225485

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	32.4	26.0	39.0

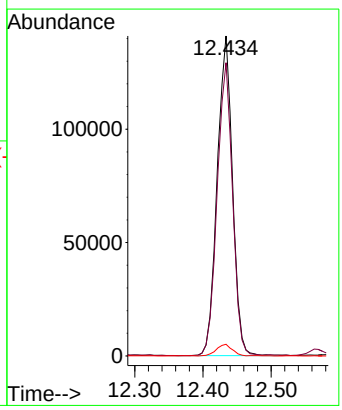


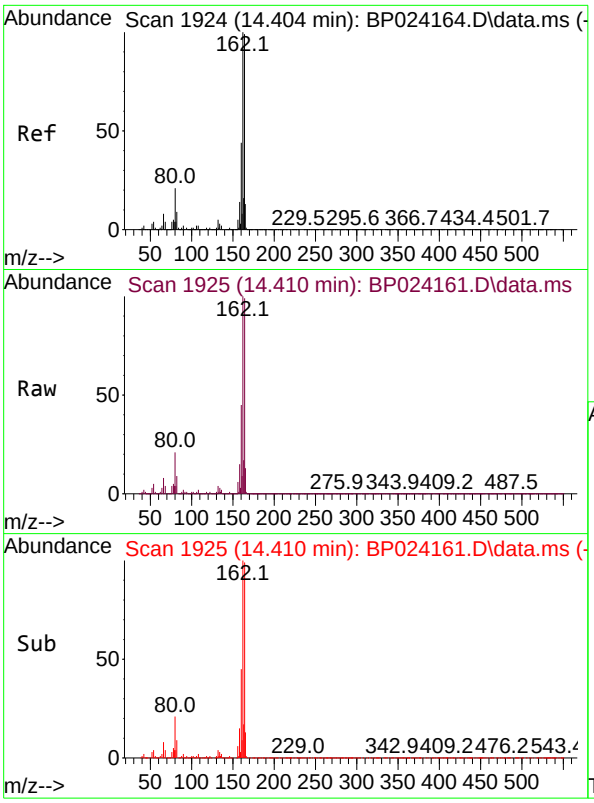


#38
1-Methylnaphthalene
Concen: 4.848 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:142 Resp: 220784

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.9	110.9
116	3.7	2.8	4.2



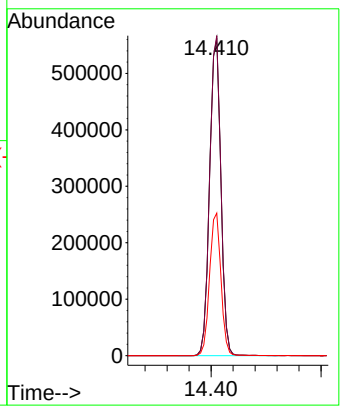


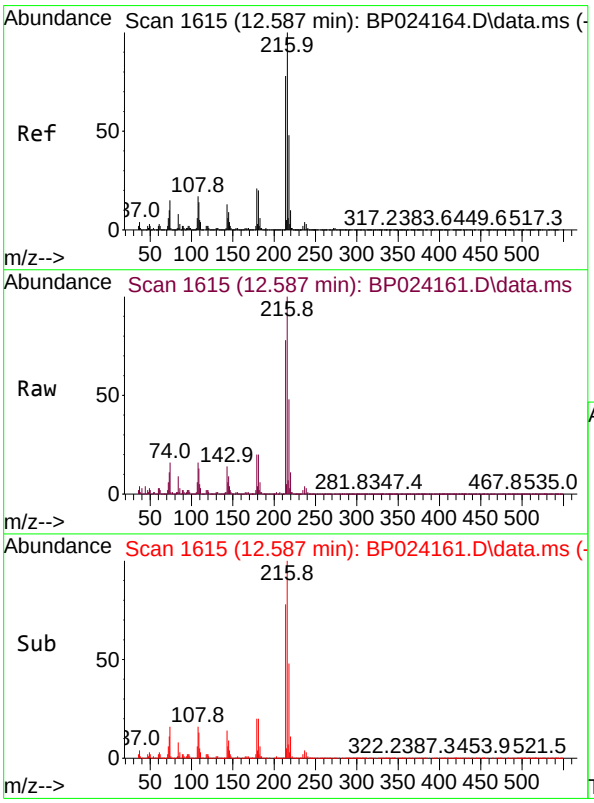
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 799469

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	44.9	35.4	53.2

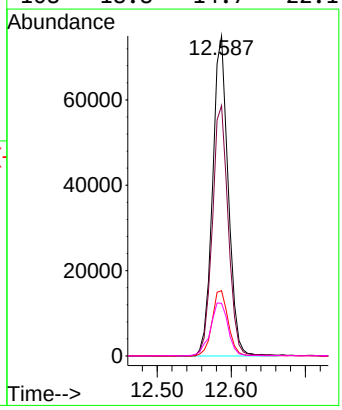


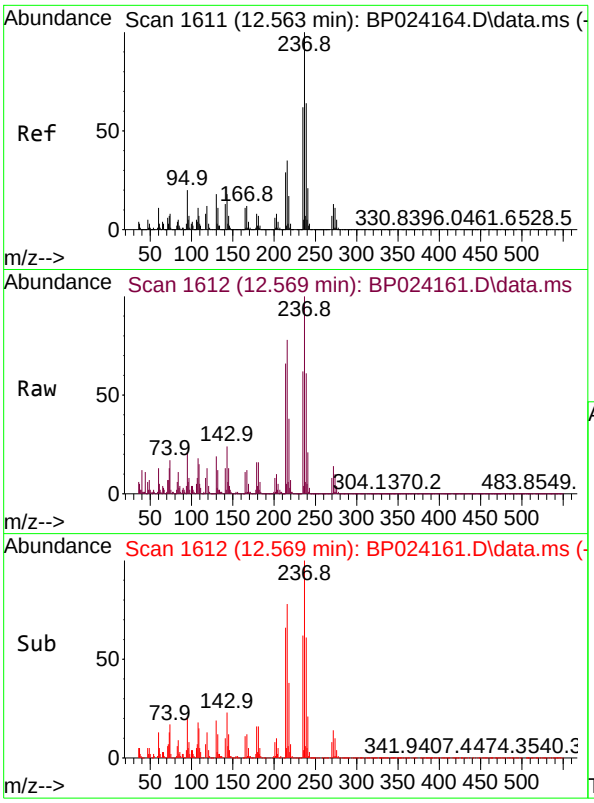


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.459 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:216 Resp: 109528

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.8	94.2
179	21.1	16.8	25.2
108	18.8	14.7	22.1



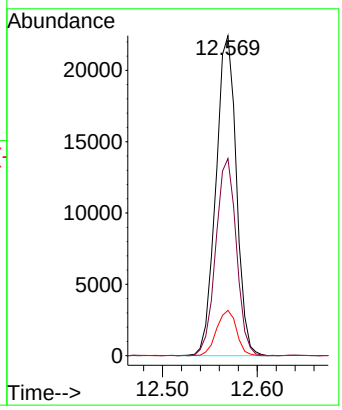


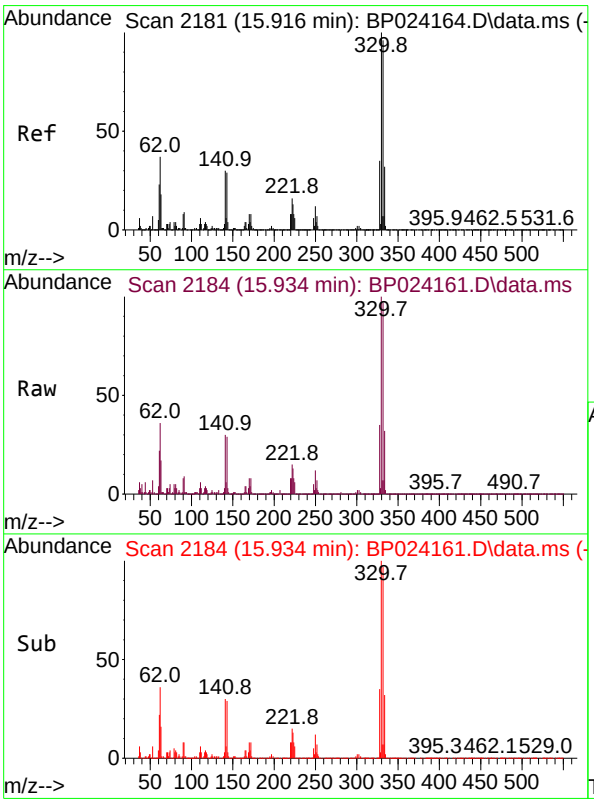
#41
Hexachlorocyclopentadiene
Concen: 3.693 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 33755

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.8	81.8
272	14.2	0.0	33.5

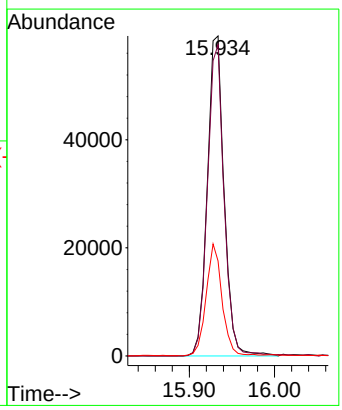


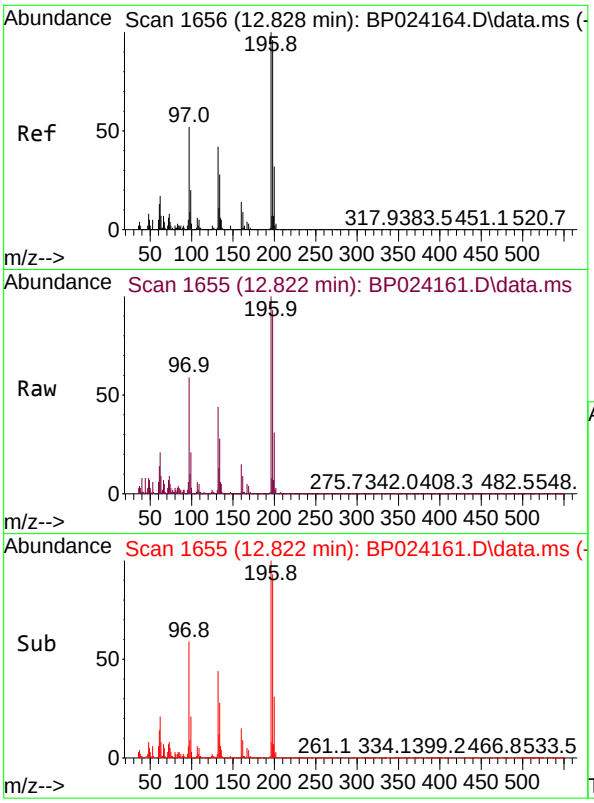


#42
2,4,6-Tribromophenol
Concen: 8.288 ng
RT: 15.934 min Scan# 2184
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:330 Resp: 81159

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	33.0	25.0	37.6



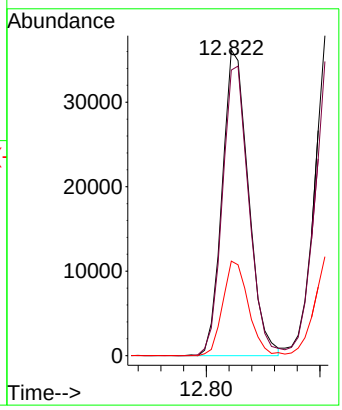


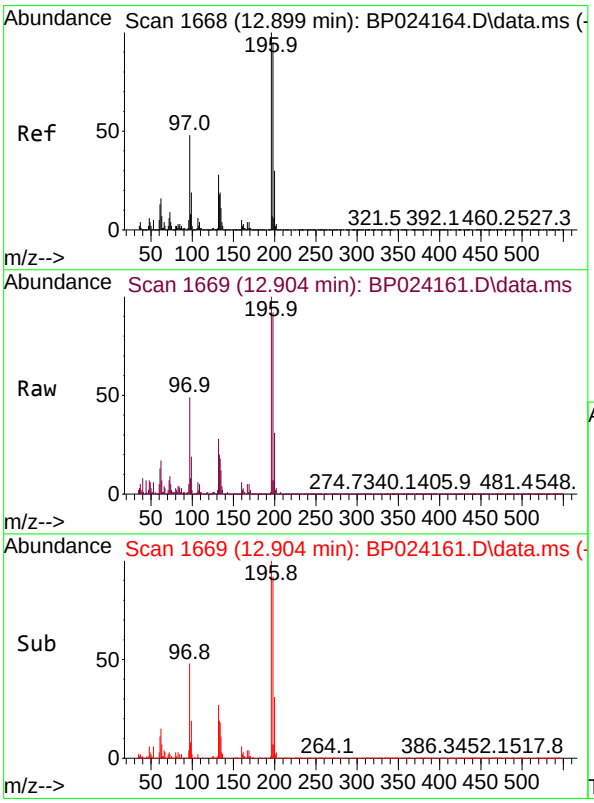
#43
2,4,6-Trichlorophenol
Concen: 3.883 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 58172

Ion	Ratio	Lower	Upper
196	100		
198	93.4	76.6	115.0
200	30.9	25.4	38.0

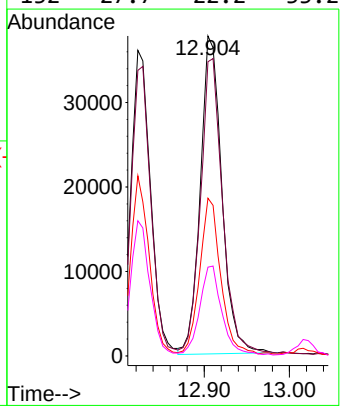


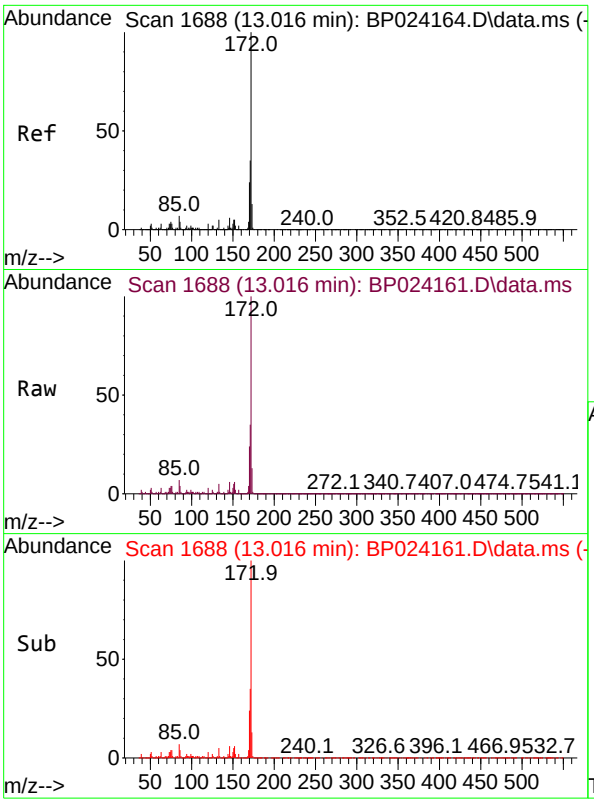


#44
2,4,5-Trichlorophenol
Concen: 4.044 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:196 Resp: 66250

Ion	Ratio	Lower	Upper
196	100		
198	91.9	76.5	114.7
97	49.3	38.7	58.1
132	27.7	22.2	33.2



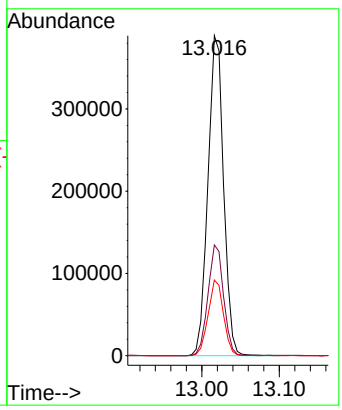


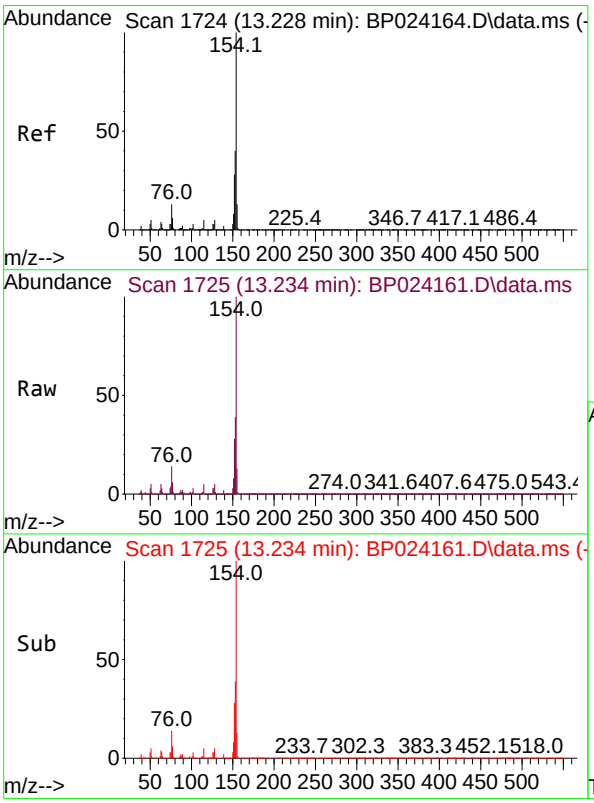
#45
2-Fluorobiphenyl
Concen: 9.532 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 545120

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	23.7	19.0	28.4

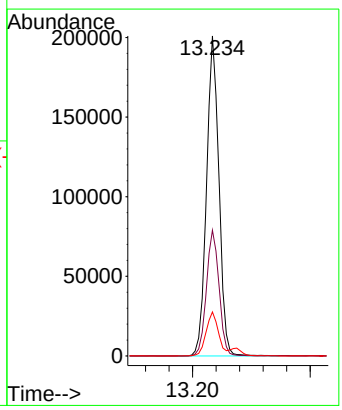


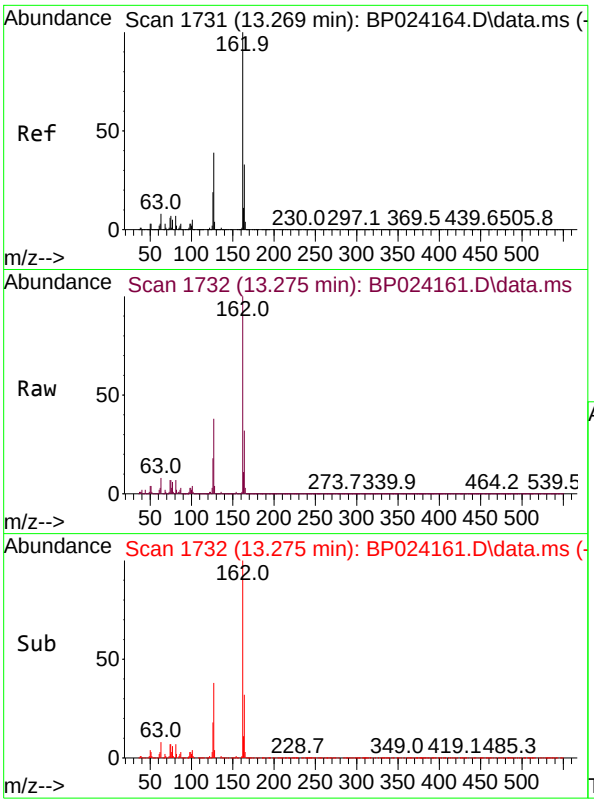


#46
1,1'-Biphenyl
Concen: 4.721 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:154 Resp: 293289

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.3	60.3
76	13.7	0.0	32.9



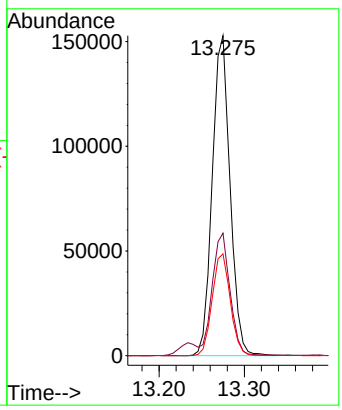


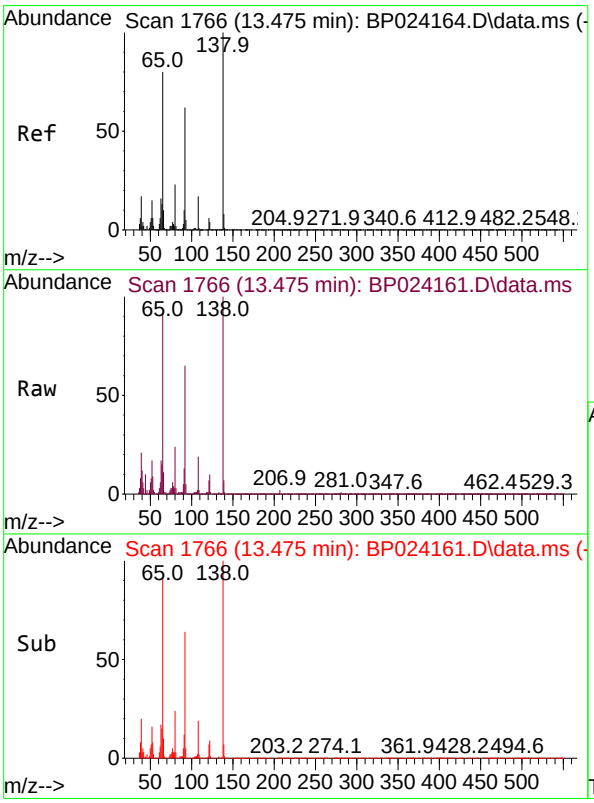
#47
2-Chloronaphthalene
Concen: 4.715 ng
RT: 13.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 221413

Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.5	47.3
164	31.8	26.6	39.8

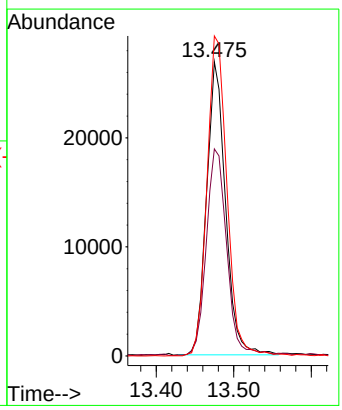


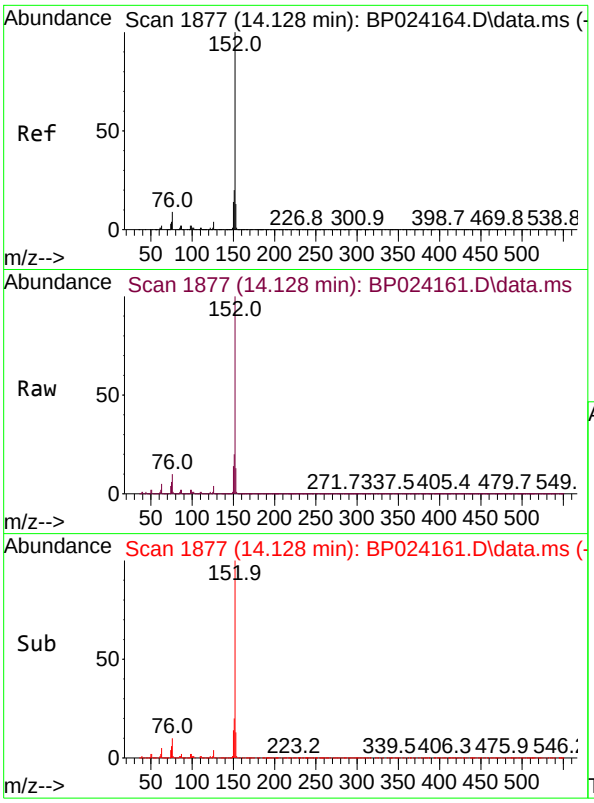


#48
2-Nitroaniline
Concen: 4.117 ng
RT: 13.475 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 65 Resp: 45667

Ion	Ratio	Lower	Upper
65	100		
92	70.4	62.1	93.1
138	108.8	99.5	149.3



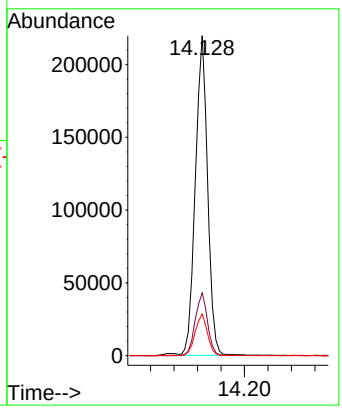


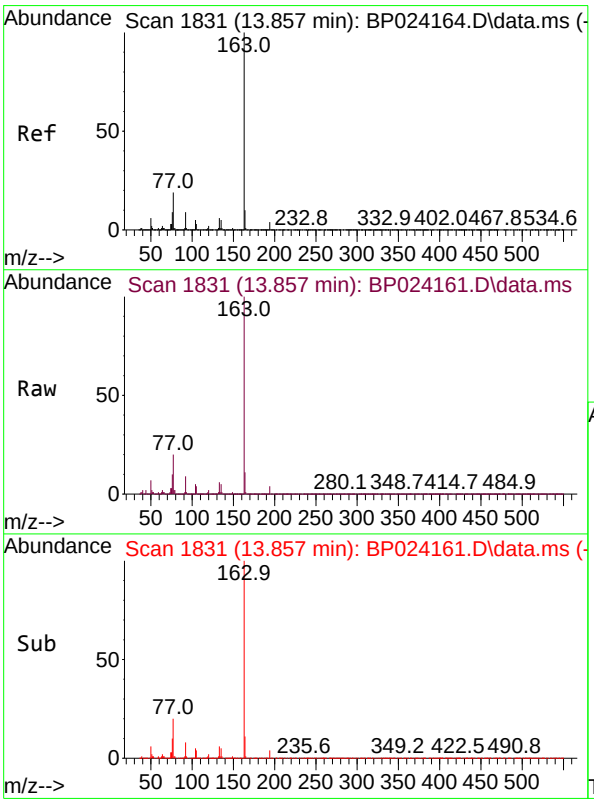
#49
Acenaphthylene
Concen: 4.580 ng
RT: 14.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 316902

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.0	10.6	15.8

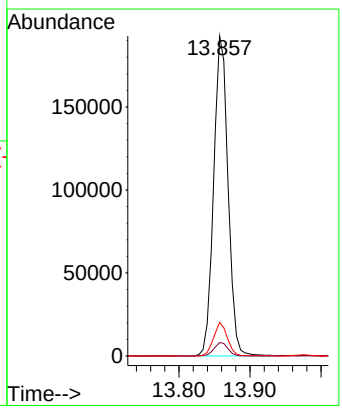


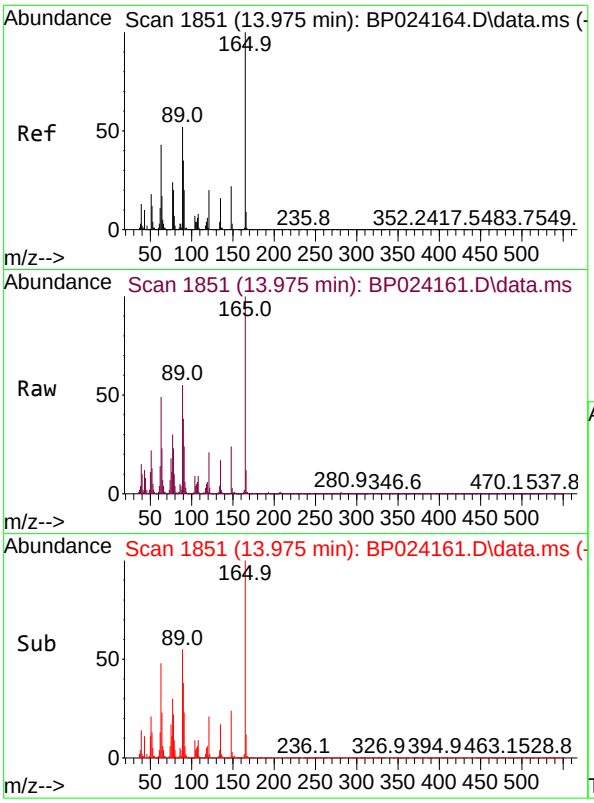


#50
Dimethylphthalate
Concen: 4.789 ng
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:163 Resp: 270053

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.2	12.4



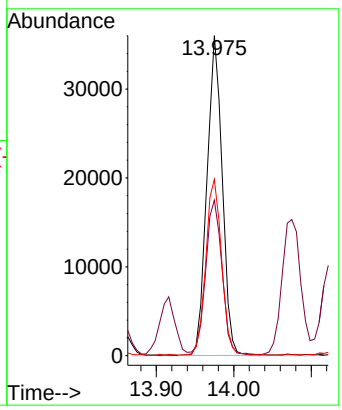


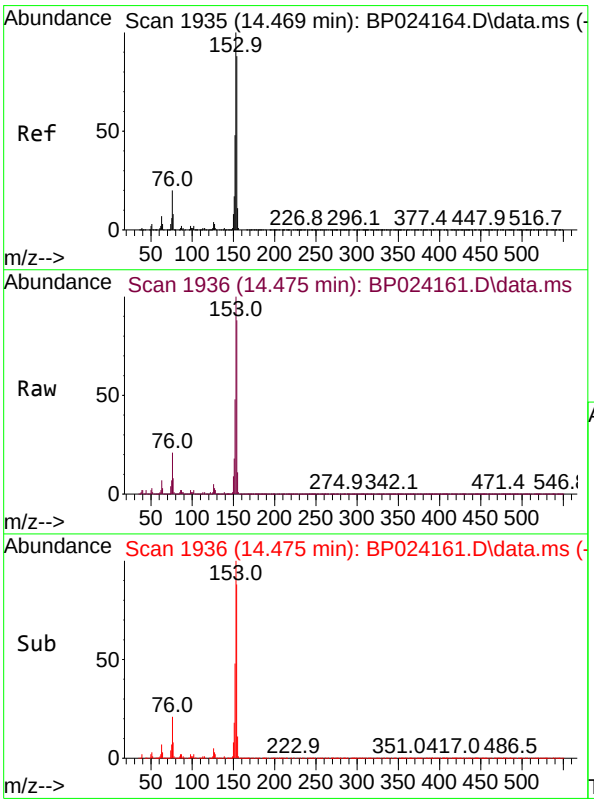
#51
2,6-Dinitrotoluene
Concen: 4.317 ng
RT: 13.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 49593

Ion	Ratio	Lower	Upper
165	100		
63	48.6	37.7	56.5
89	55.1	41.9	62.9

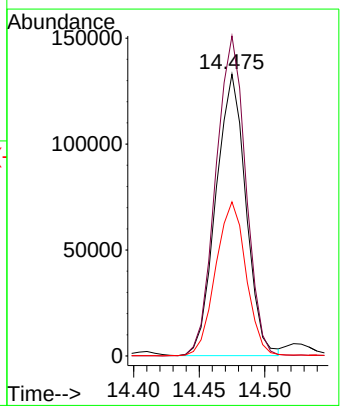


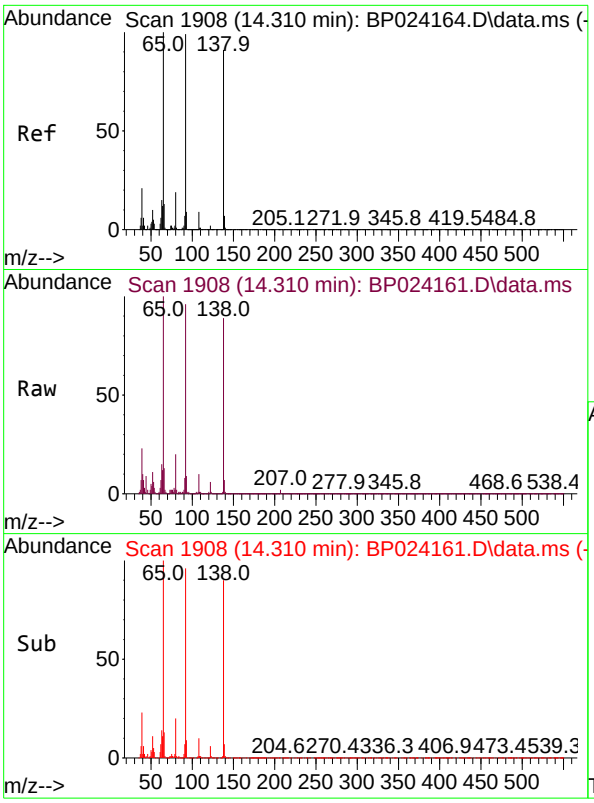


#52
Acenaphthene
Concen: 4.742 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:154 Resp: 211290

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	54.7	43.1	64.7



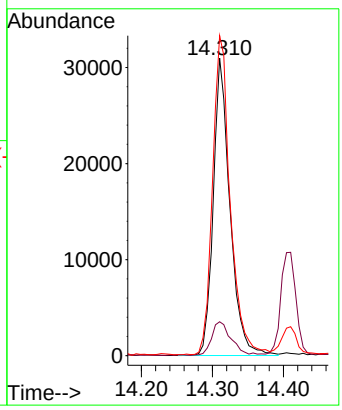


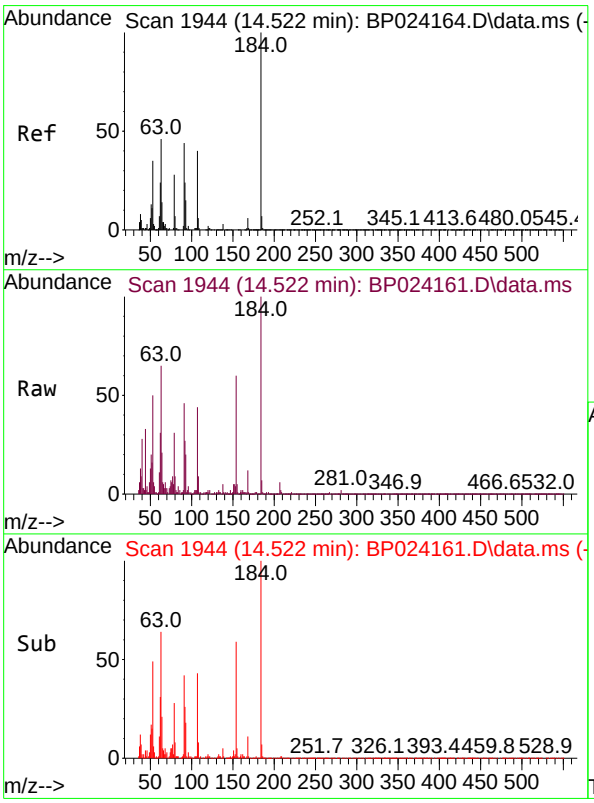
#53
3-Nitroaniline
Concen: 4.129 ng
RT: 14.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 50611

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.2	12.2
92	107.5	86.7	130.1

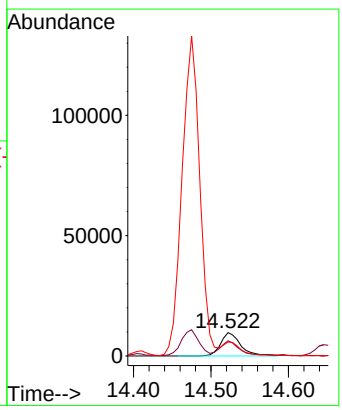


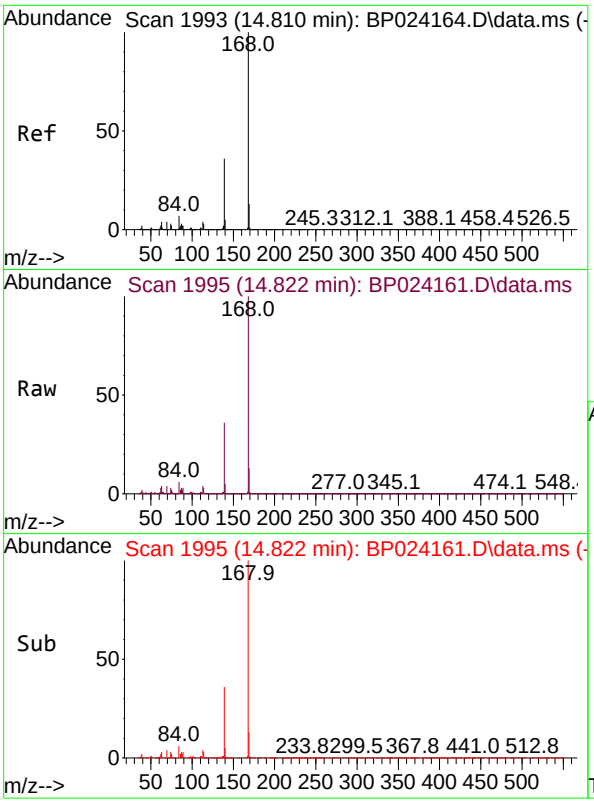


#54
2,4-Dinitrophenol
Concen: 2.867 ng
RT: 14.522 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:184 Resp: 17541

Ion	Ratio	Lower	Upper
184	100		
63	64.8	42.1	63.1#
154	59.9	44.6	67.0



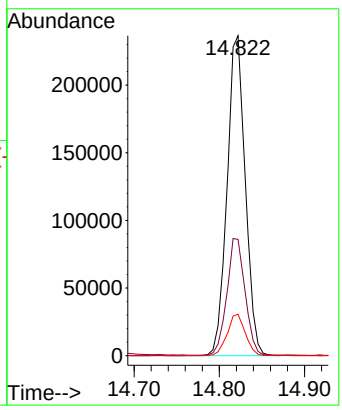


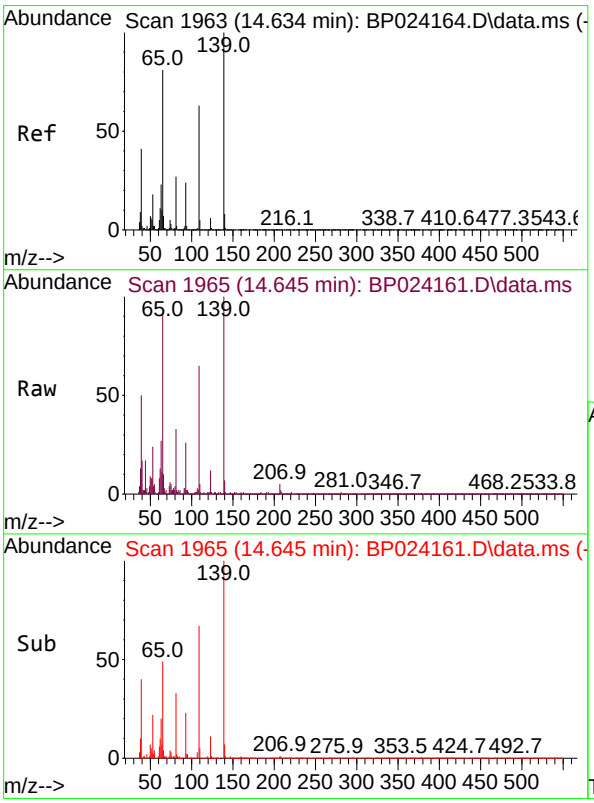
#55
Dibenzofuran
Concen: 4.858 ng
RT: 14.822 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 351651

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.1	43.7
169	13.0	10.8	16.2

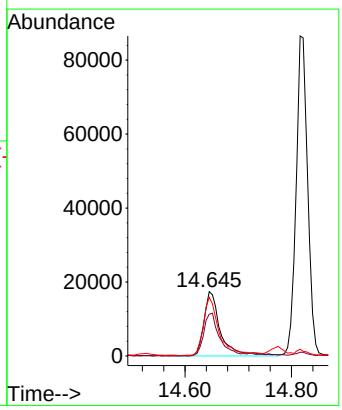


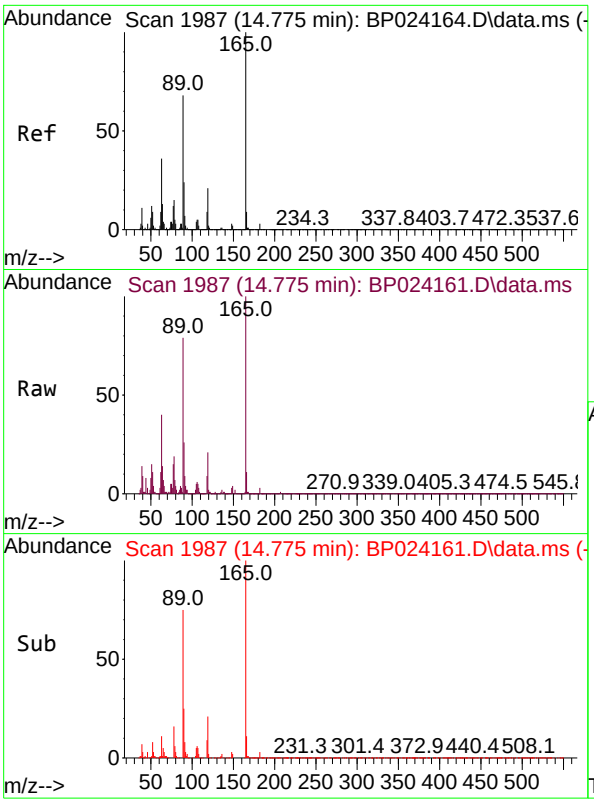


#56
4-Nitrophenol
Concen: 3.521 ng
RT: 14.645 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:139 Resp: 37281

Ion	Ratio	Lower	Upper
139	100		
109	65.1	43.3	83.3
65	91.1	61.2	101.2



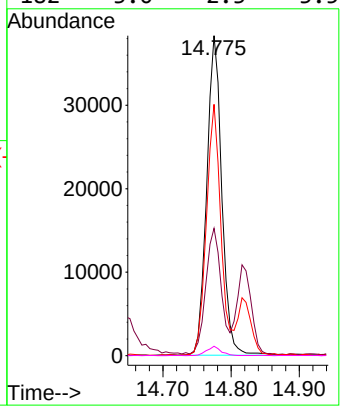


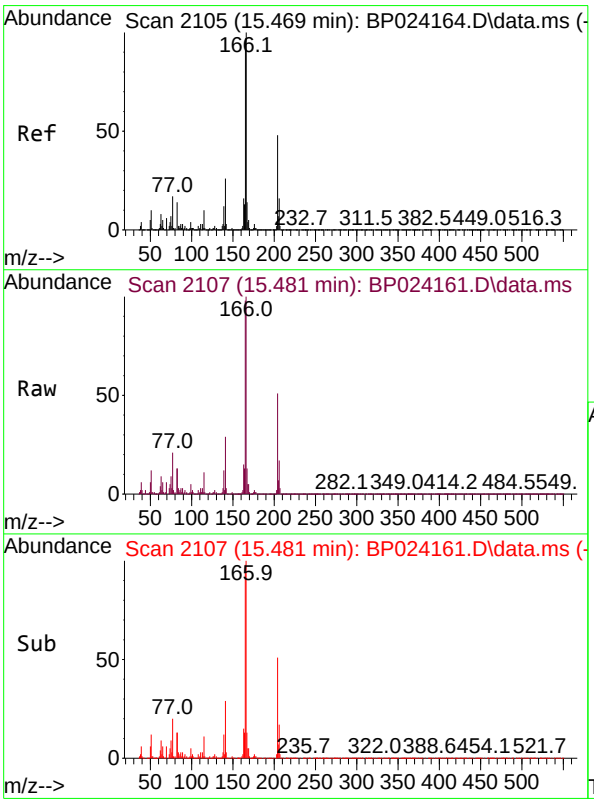
#57
2,4-Dinitrotoluene
Concen: 3.946 ng
RT: 14.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 58882

Ion	Ratio	Lower	Upper
165	100		
63	39.8	29.0	43.6
89	78.5	54.2	81.4
182	3.0	2.3	3.5

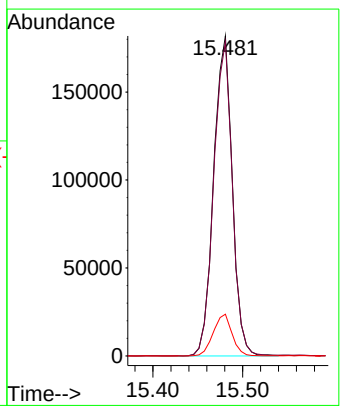


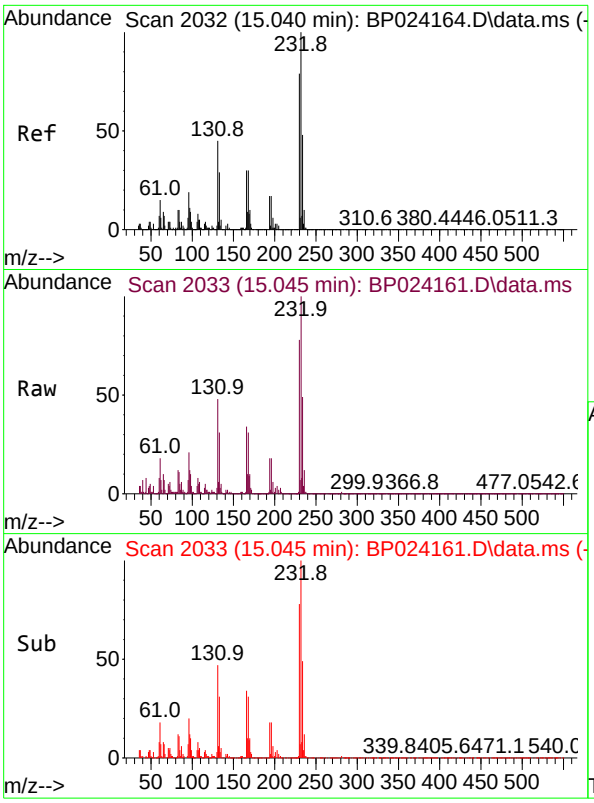


#58
Fluorene
Concen: 4.629 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:166 Resp: 261676

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.6	116.4
167	13.1	10.8	16.2



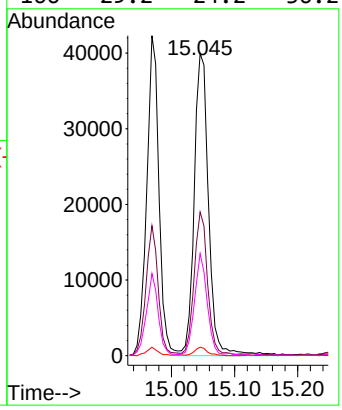


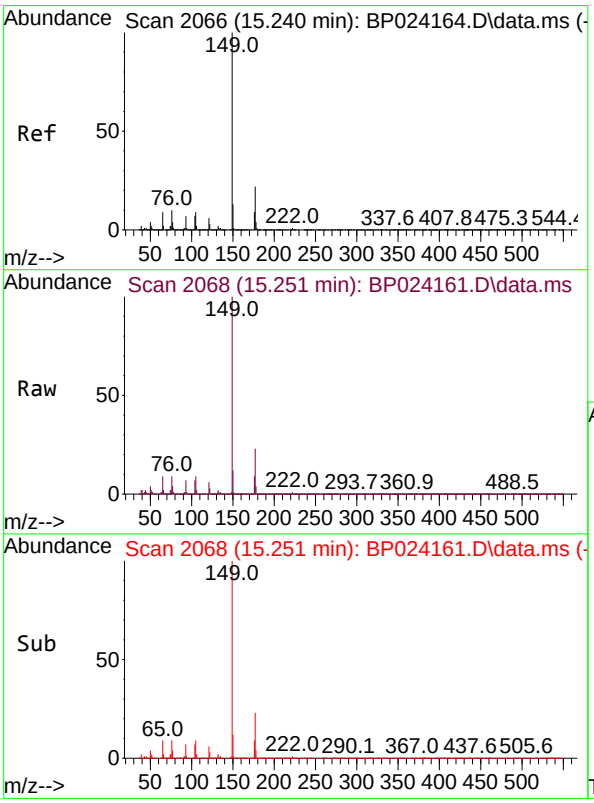
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.441 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 63120

Ion	Ratio	Lower	Upper
232	100		
131	43.5	35.9	53.9
130	2.6	1.8	2.6
166	29.2	24.2	36.2

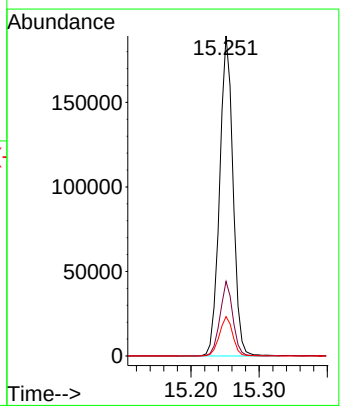


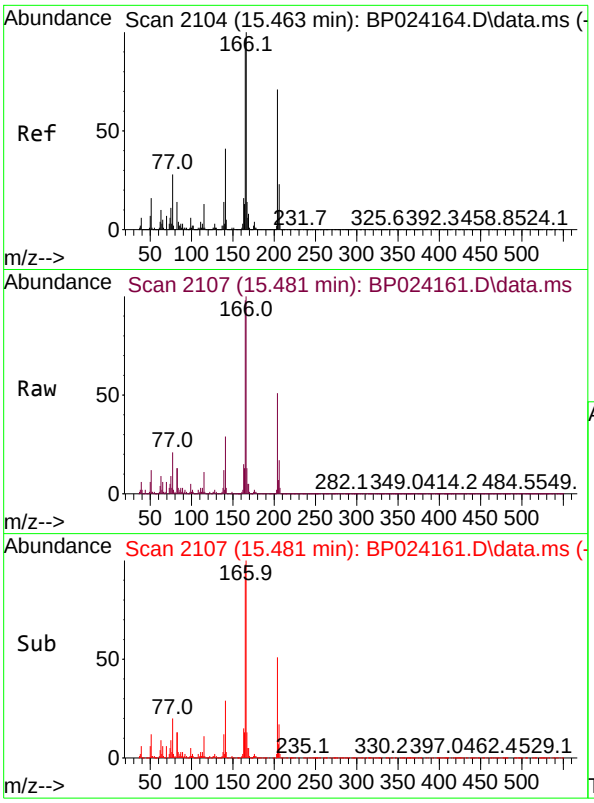


#60
Diethylphthalate
Concen: 4.631 ng
RT: 15.251 min Scan# 2068
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:149 Resp: 259242

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.7	26.5
150	12.3	10.2	15.4



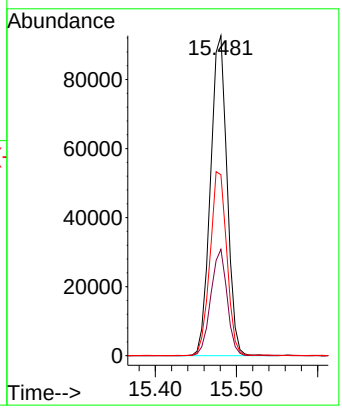


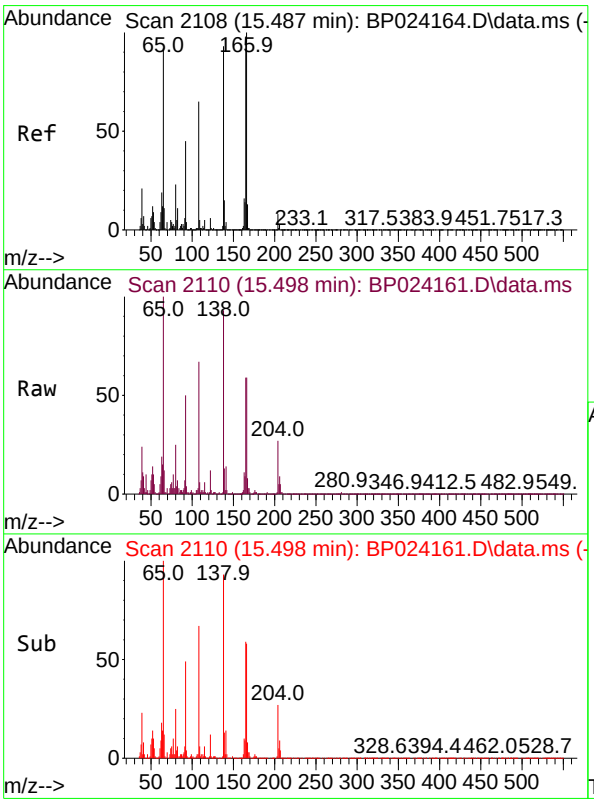
#61
4-Chlorophenyl-phenylether
Concen: 4.724 ng
RT: 15.481 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 131441

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	56.6	45.8	68.8

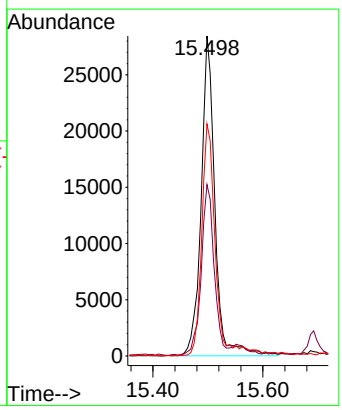


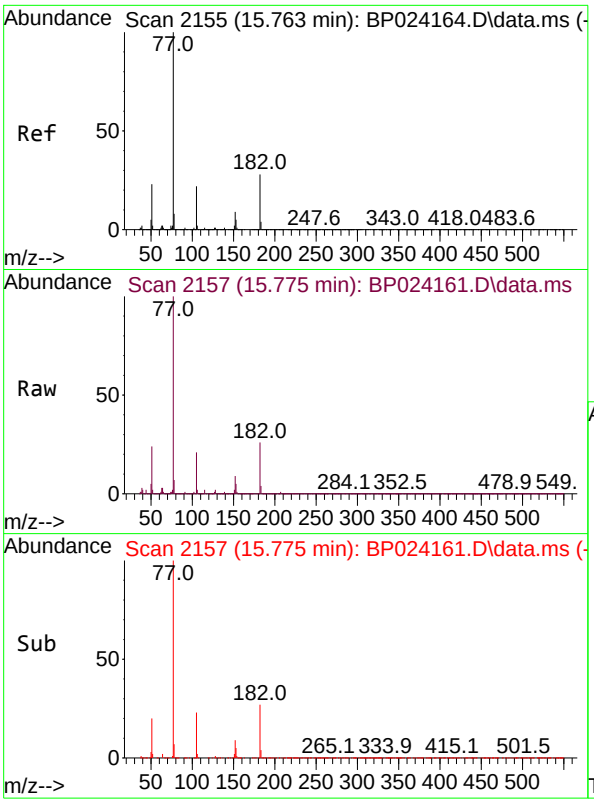


#62
4-Nitroaniline
Concen: 3.871 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:138 Resp: 49239

Ion	Ratio	Lower	Upper
138	100		
92	53.6	28.7	68.7
108	72.5	49.5	89.5



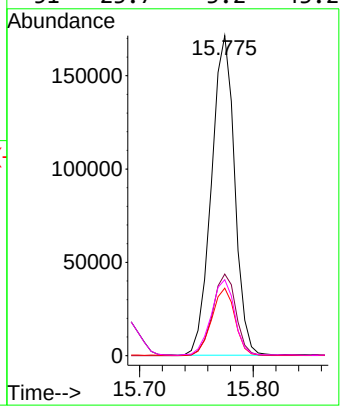


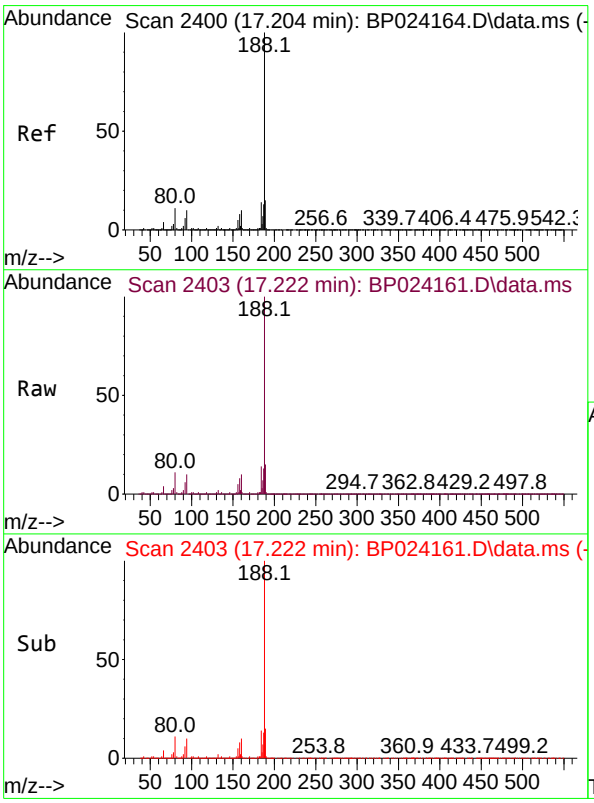
#63
Azobenzene
Concen: 4.628 ng
RT: 15.775 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 242768

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.7	47.7
105	21.1	2.3	42.3
51	23.7	3.2	43.2

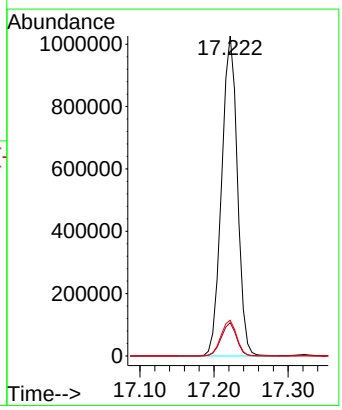


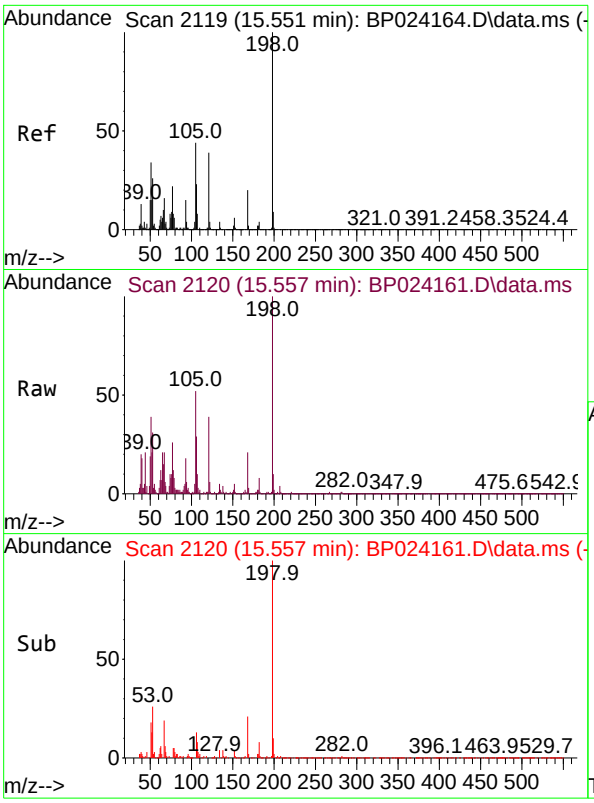


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:188 Resp: 1516956

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.2	8.9	13.3



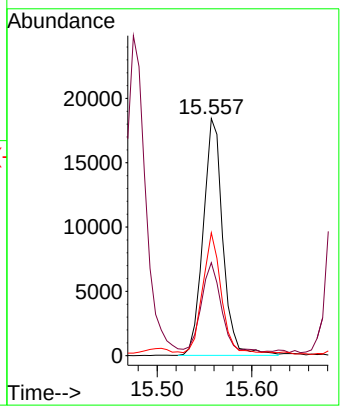


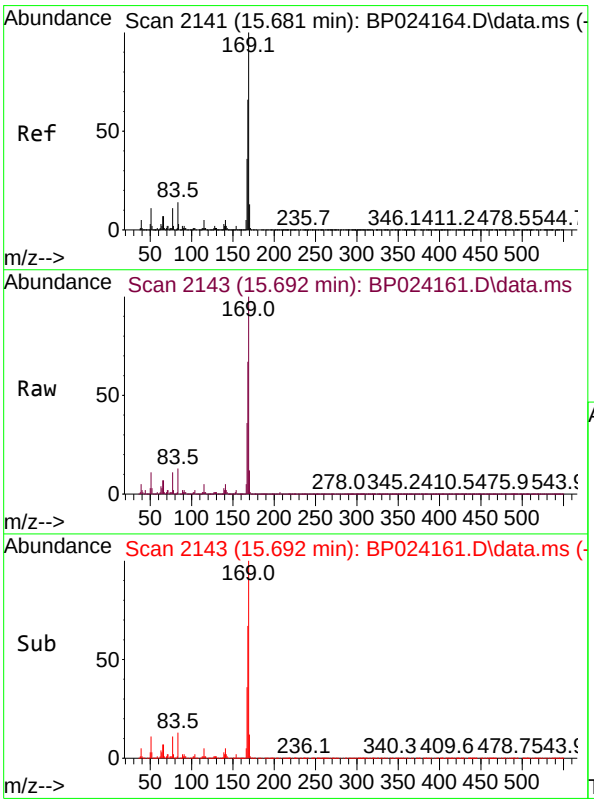
#65
4,6-Dinitro-2-methylphenol
Concen: 3.021 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 26524

Ion	Ratio	Lower	Upper
198	100		
51	39.2	14.7	54.7
105	51.8	23.8	63.8

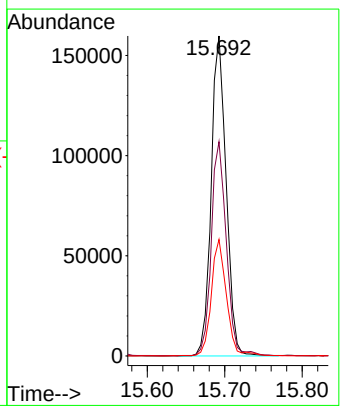


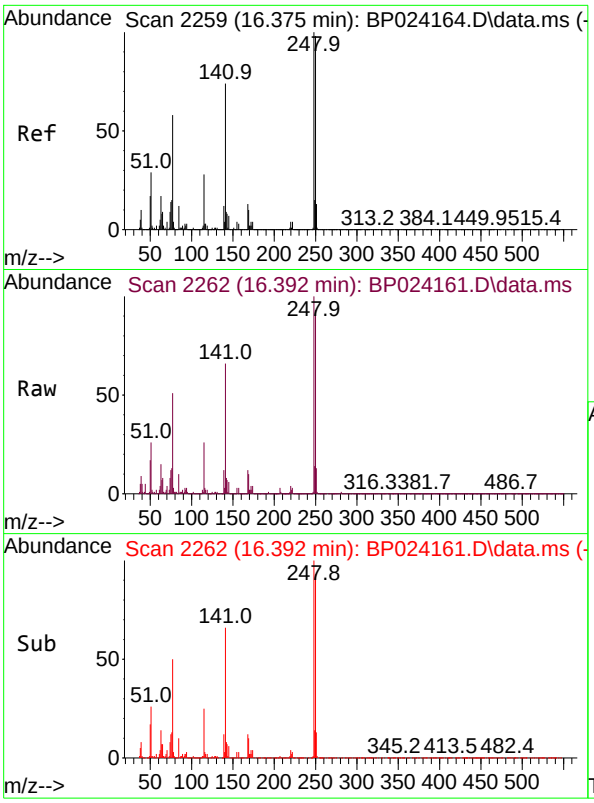


#66
n-Nitrosodiphenylamine
Concen: 4.522 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:169 Resp: 213927

Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.9	79.3
167	36.4	28.8	43.2



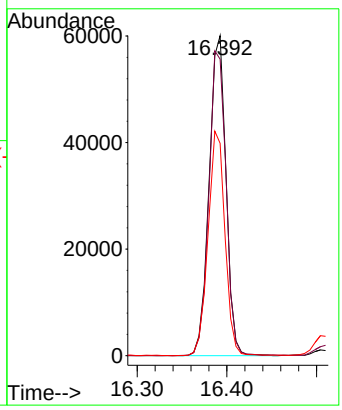


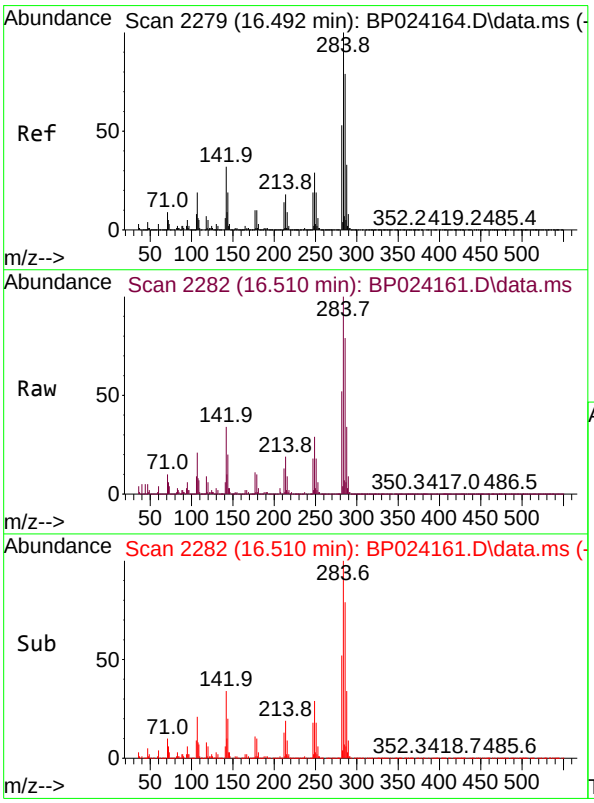
#67
4-Bromophenyl-phenylether
Concen: 4.597 ng
RT: 16.392 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 78309

Ion	Ratio	Lower	Upper
248	100		
250	92.7	78.4	117.6
141	66.4	59.4	89.0

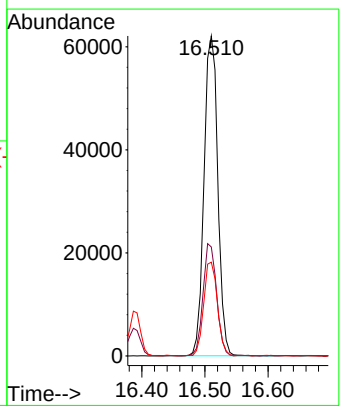


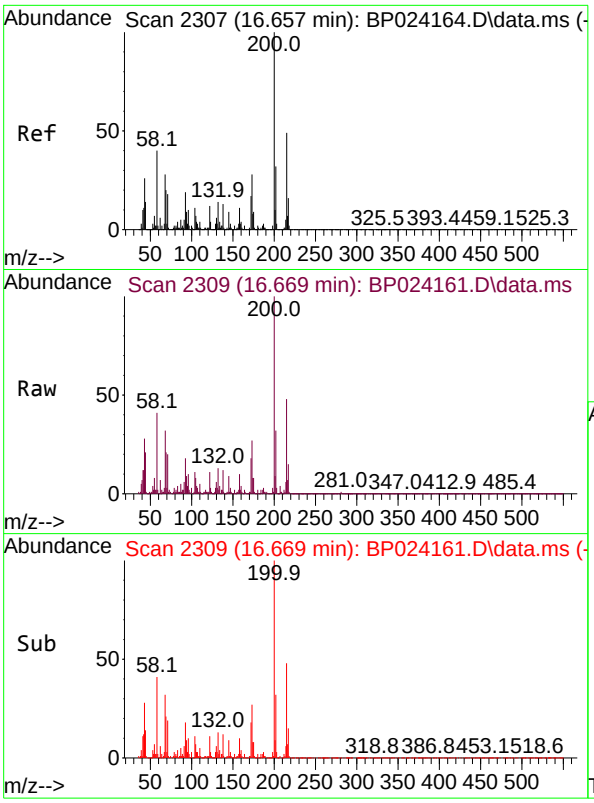


#68
Hexachlorobenzene
Concen: 4.696 ng
RT: 16.510 min Scan# 2282
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:284 Resp: 94130

Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.4	38.2
249	29.3	23.5	35.3



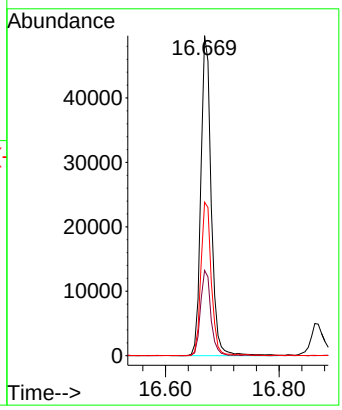


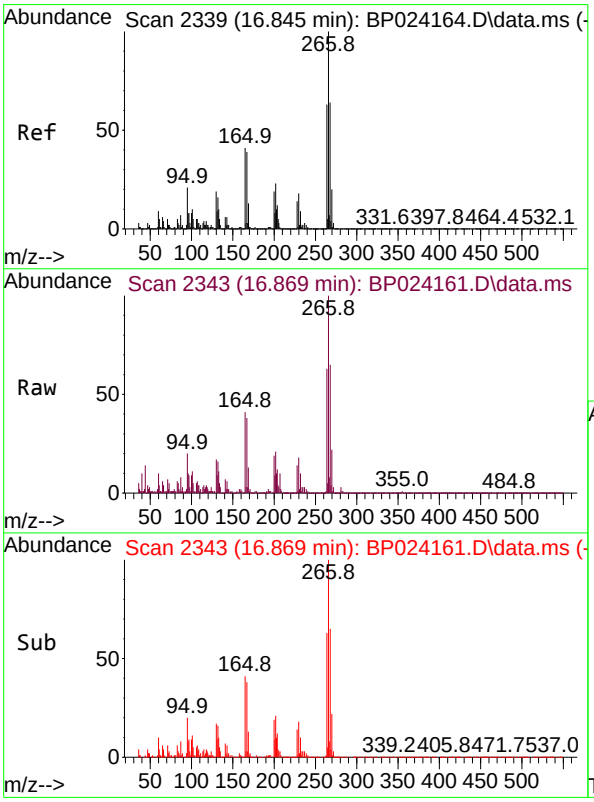
#69
Atrazine
Concen: 5.152 ng
RT: 16.669 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 62551

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.6	47.6
215	47.9	29.0	69.0

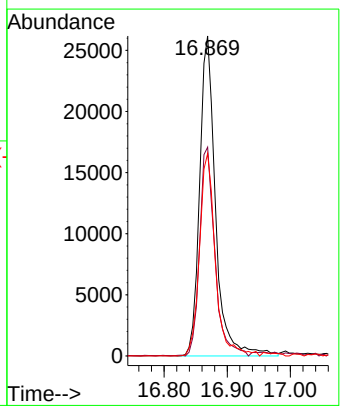


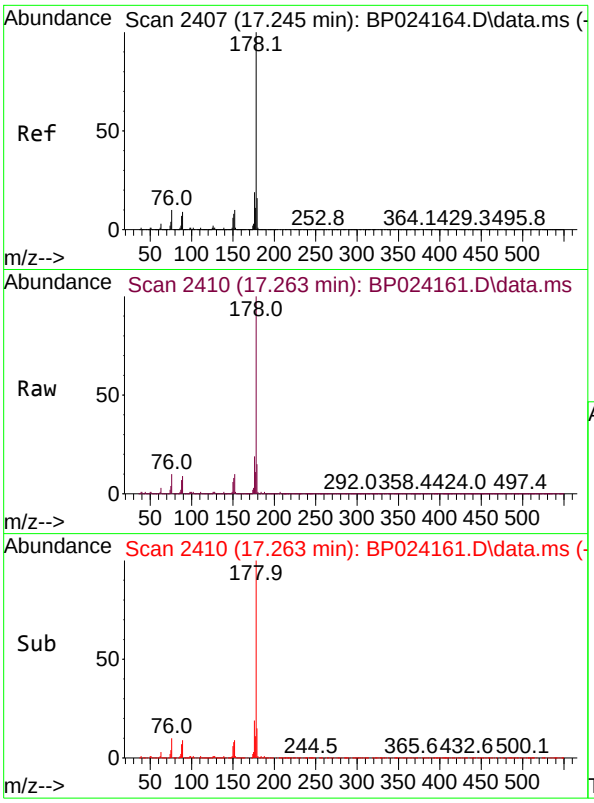


#70
Pentachlorophenol
Concen: 3.525 ng
RT: 16.869 min Scan# 2343
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:266 Resp: 45885

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.3	76.9
264	63.3	50.6	76.0



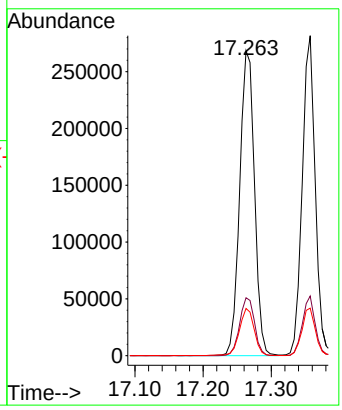


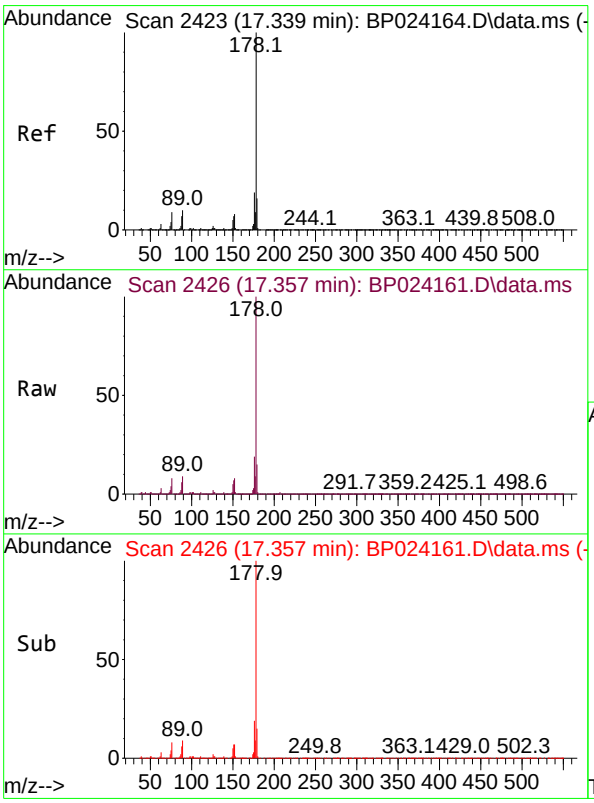
#71
Phenanthrene
Concen: 4.734 ng
RT: 17.263 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 404881

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.5	12.5	18.7

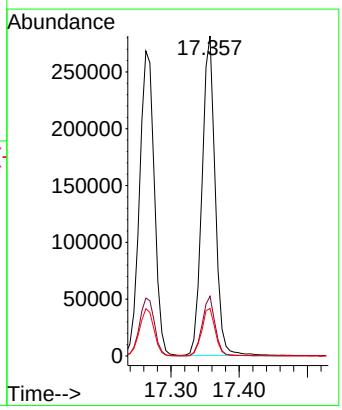


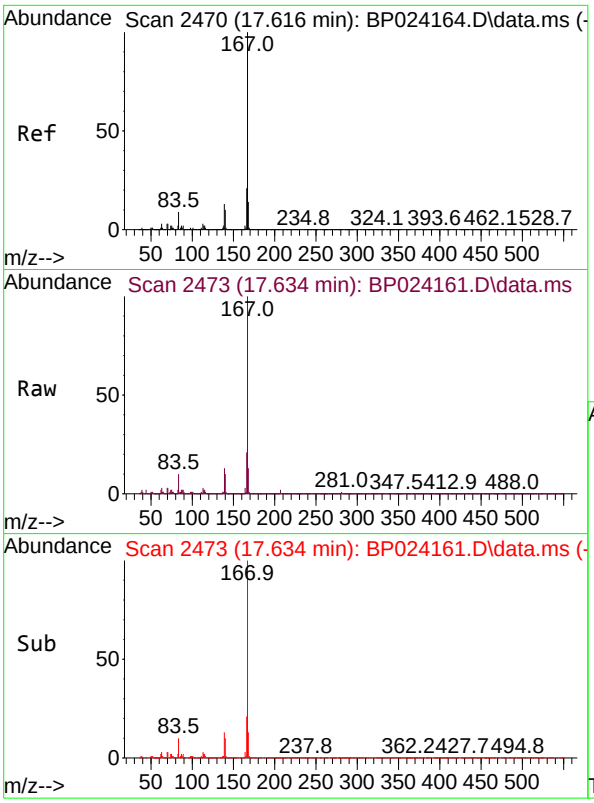


#72
Anthracene
Concen: 4.595 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:178 Resp: 376601

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	14.8	12.6	18.8



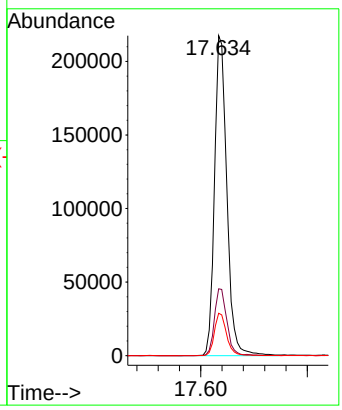


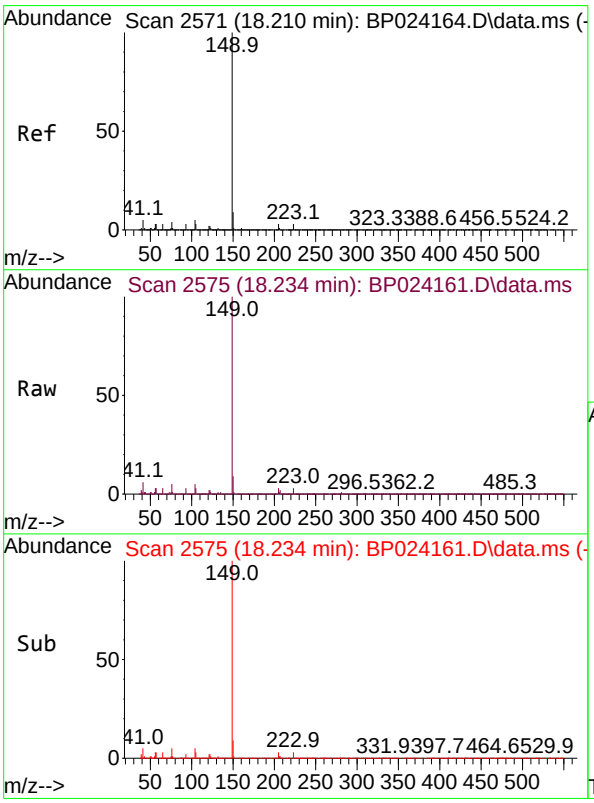
#73
Carbazole
Concen: 4.469 ng
RT: 17.634 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 349000

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	13.3	10.2	15.4

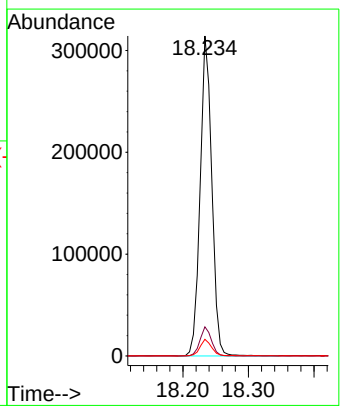


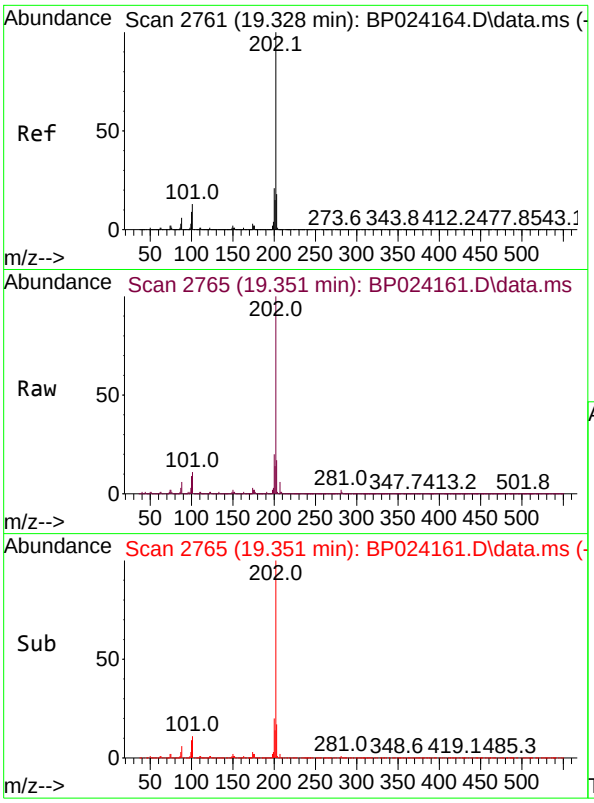


#74
Di-n-butylphthalate
Concen: 4.270 ng
RT: 18.234 min Scan# 2575
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:149 Resp: 389057

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.2	3.9	5.9



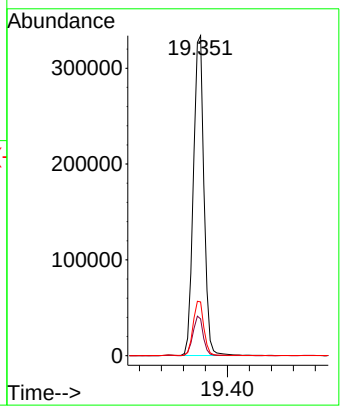


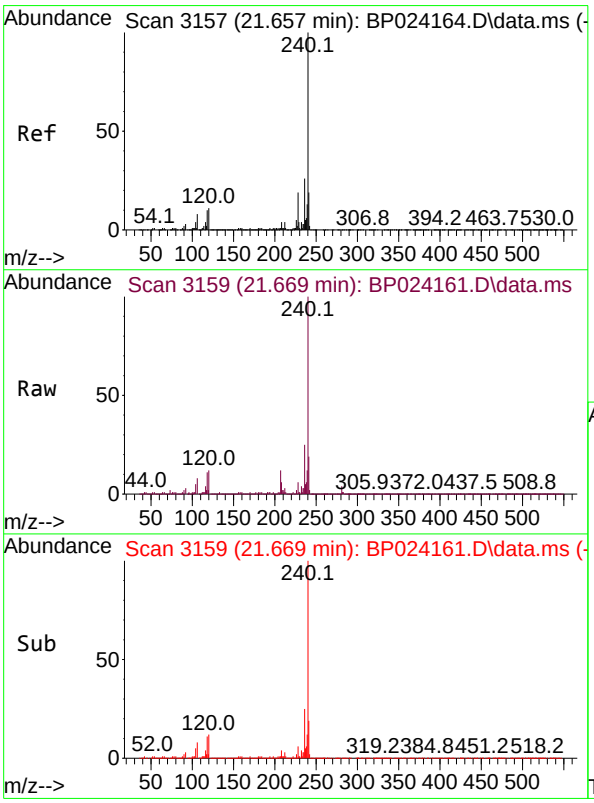
#75
Fluoranthene
Concen: 4.597 ng
RT: 19.351 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 444670

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	16.8	0.0	37.9

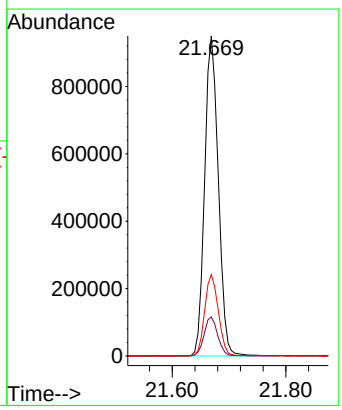


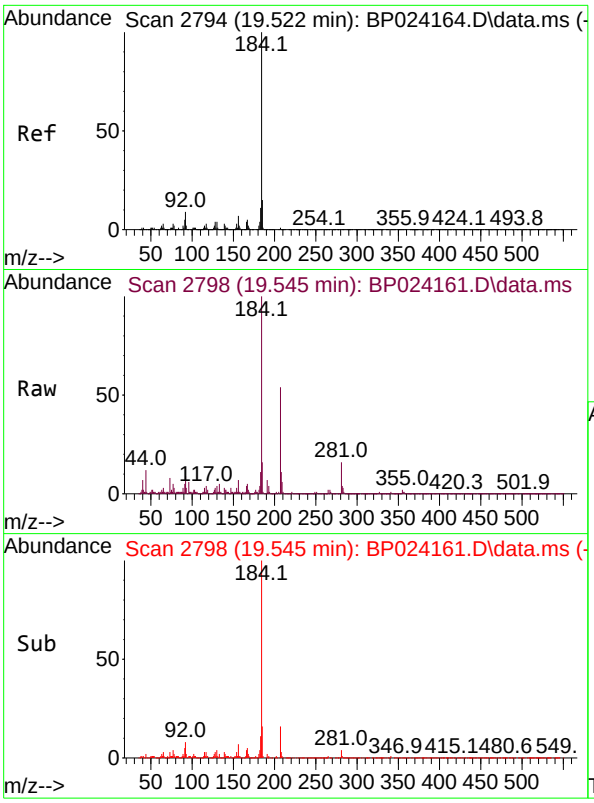


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3159
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:240 Resp: 1578855

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.5	20.4	30.6



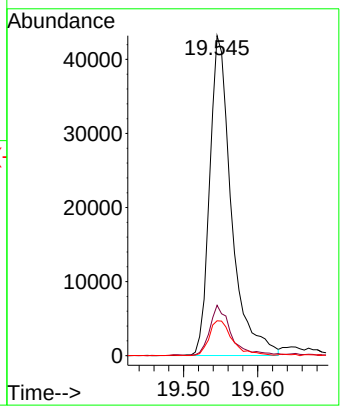


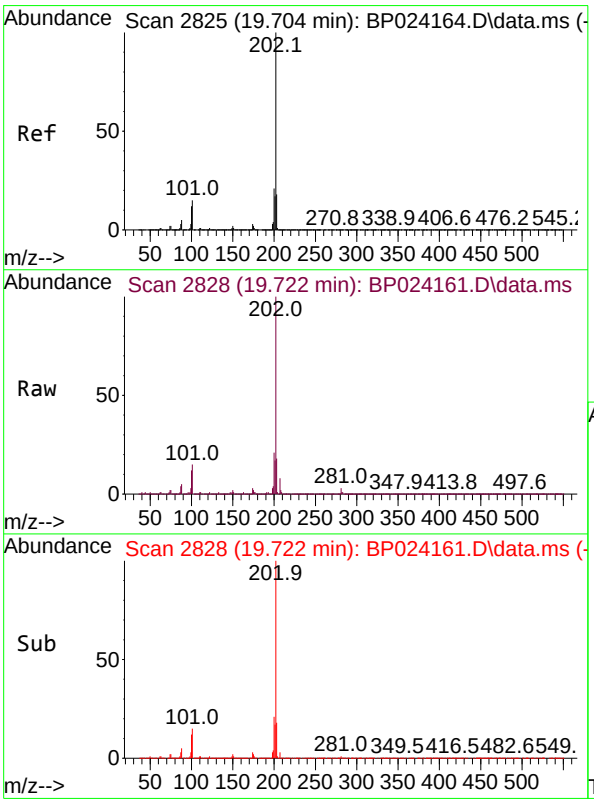
#77
Benzidine
Concen: 4.562 ng
RT: 19.545 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 87777

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.6
183	10.9	9.1	13.7

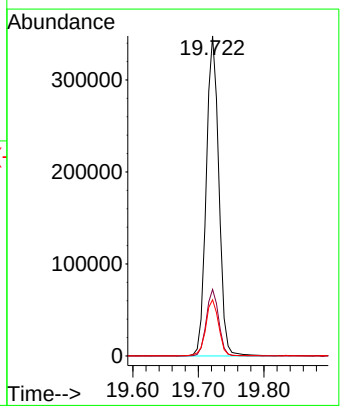


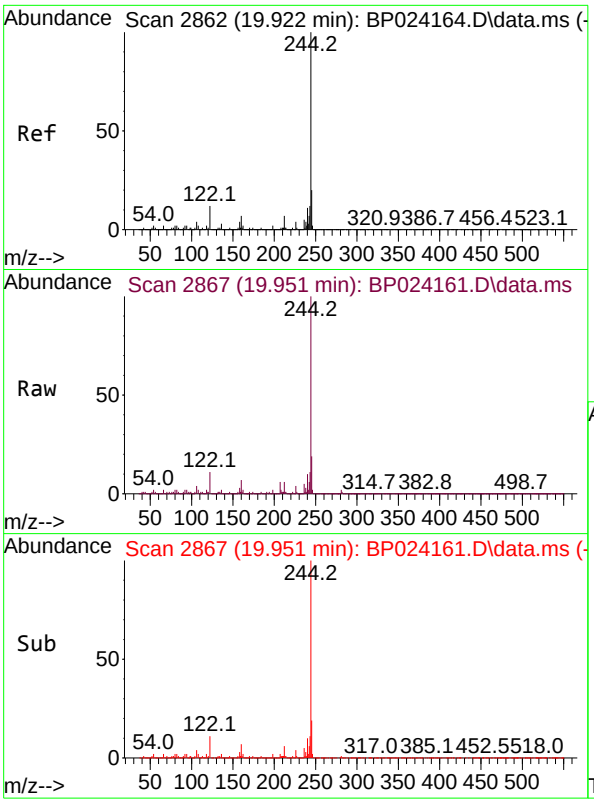


#78
Pyrene
Concen: 4.634 ng
RT: 19.722 min Scan# 2828
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:202 Resp: 464704

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.6	14.2	21.4



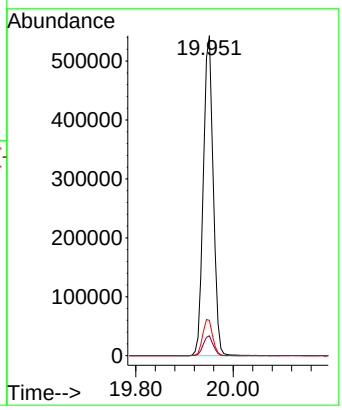


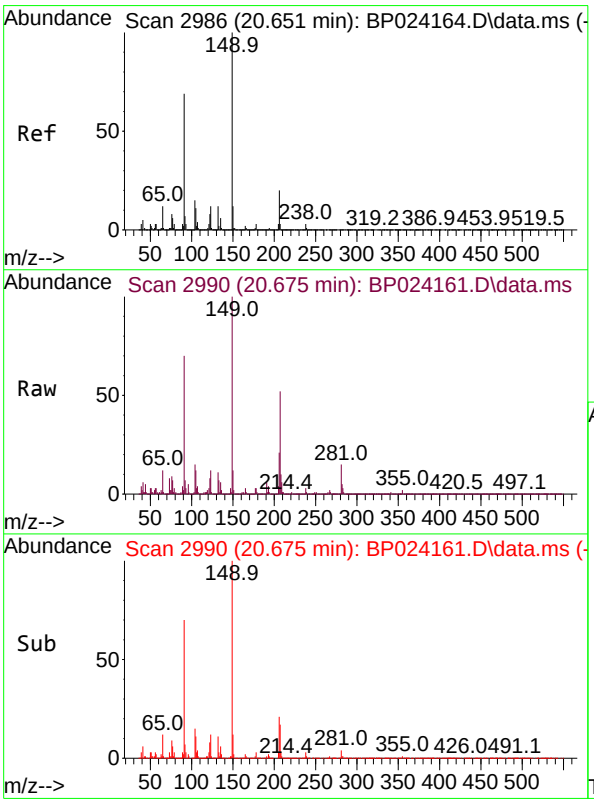
#79
Terphenyl-d14
Concen: 9.563 ng
RT: 19.951 min Scan# 2
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 763023

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	11.1	9.6	14.4

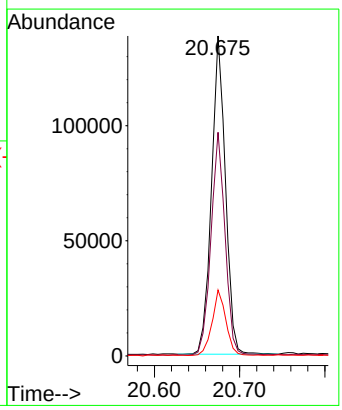


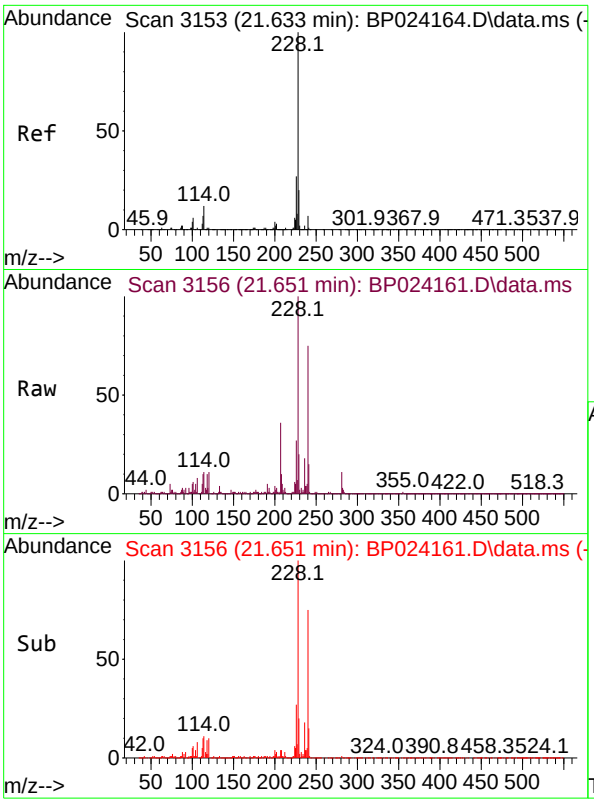


#80
Butylbenzylphthalate
Concen: 4.101 ng
RT: 20.675 min Scan# 2990
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:149 Resp: 157601

Ion	Ratio	Lower	Upper
149	100		
91	69.9	55.3	82.9
206	20.6	16.1	24.1



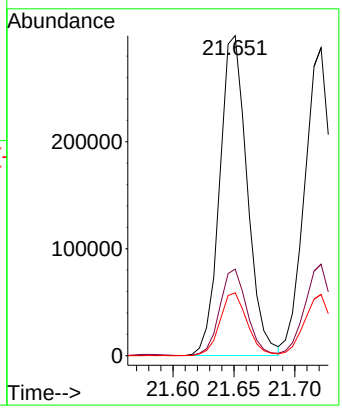


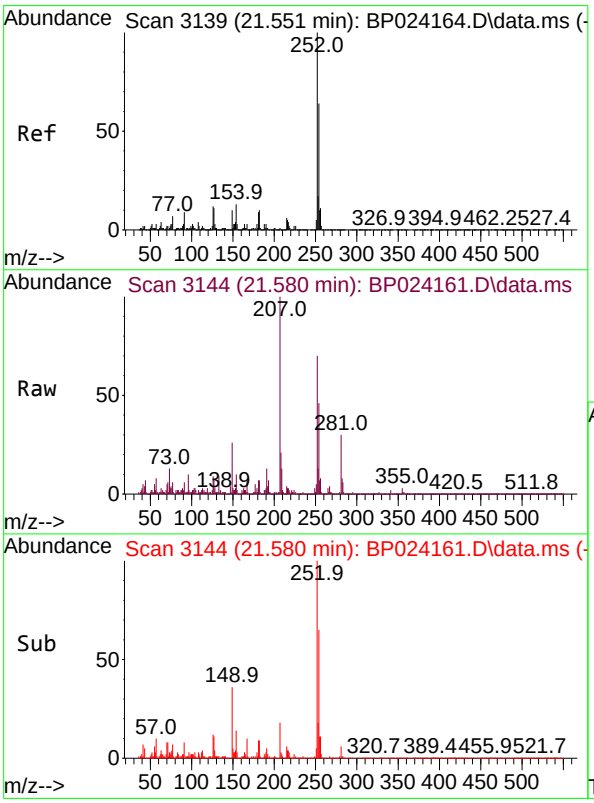
#81
Benzo(a)anthracene
Concen: 4.761 ng
RT: 21.651 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 471347

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.6	16.0	24.0

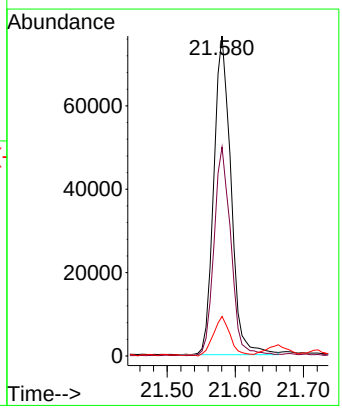


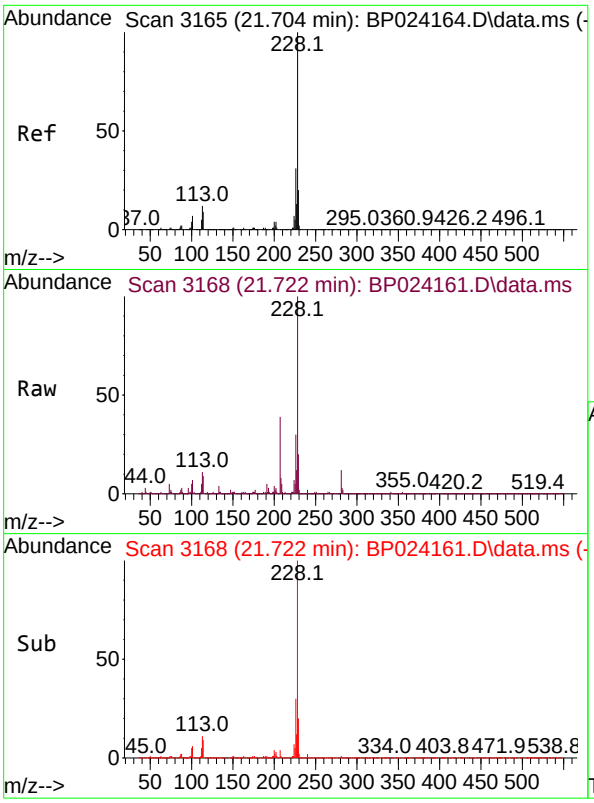


#82
3,3'-Dichlorobenzidine
Concen: 4.336 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:252 Resp: 134146

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.4	77.2
126	12.4	9.3	13.9



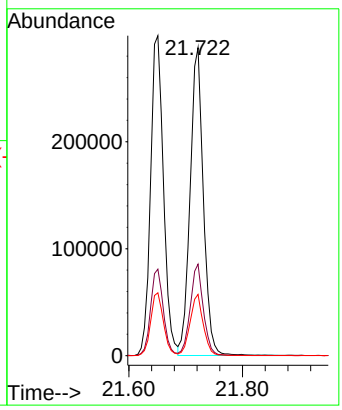


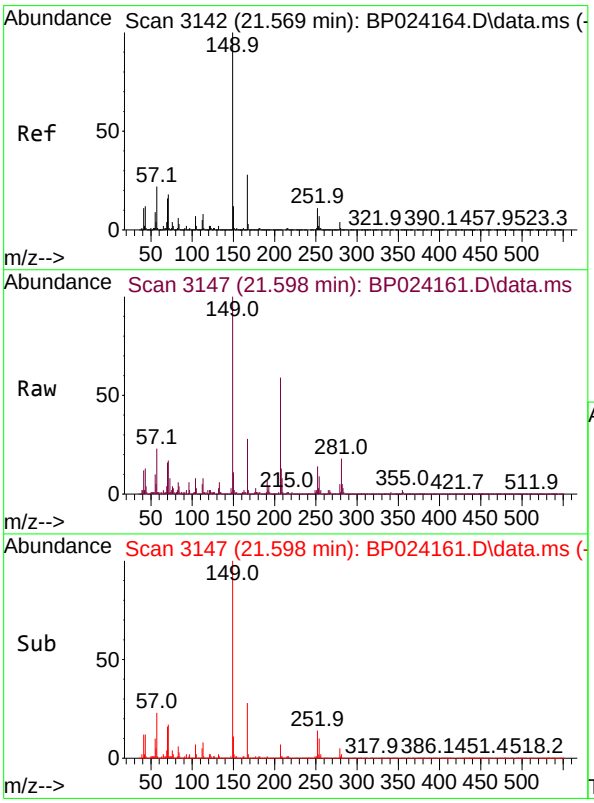
#83
Chrysene
Concen: 4.898 ng
RT: 21.722 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 467600

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	19.9	16.2	24.2

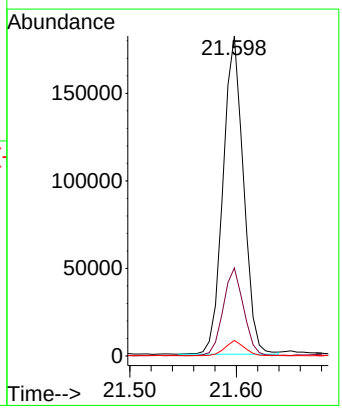


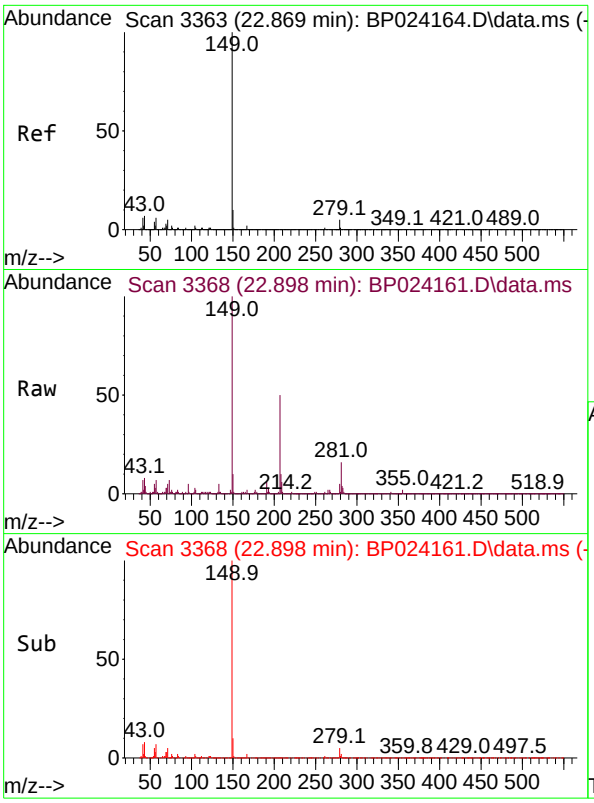


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.153 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:149 Resp: 242048

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	4.8	3.6	5.4



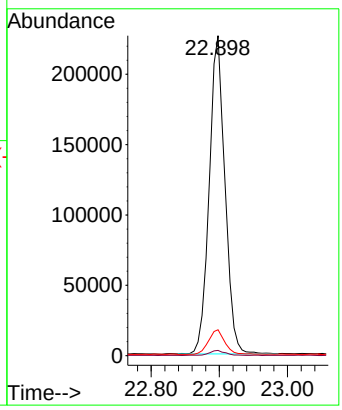


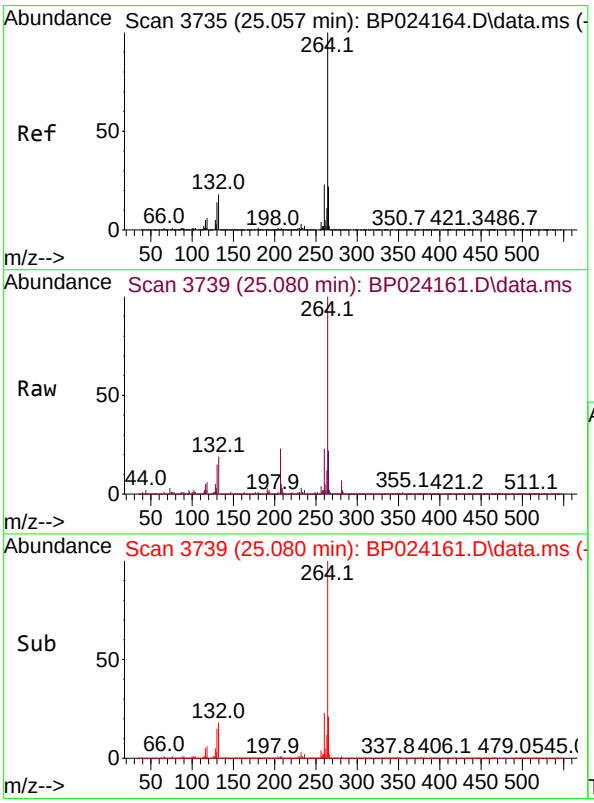
#85
Di-n-octyl phthalate
Concen: 3.905 ng
RT: 22.898 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 363786

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	5.8	8.8

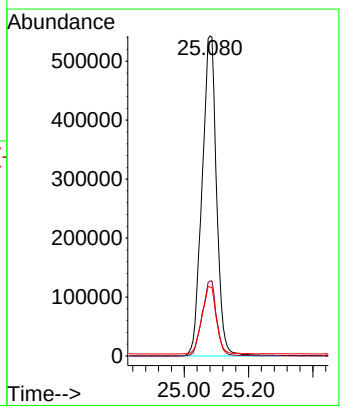


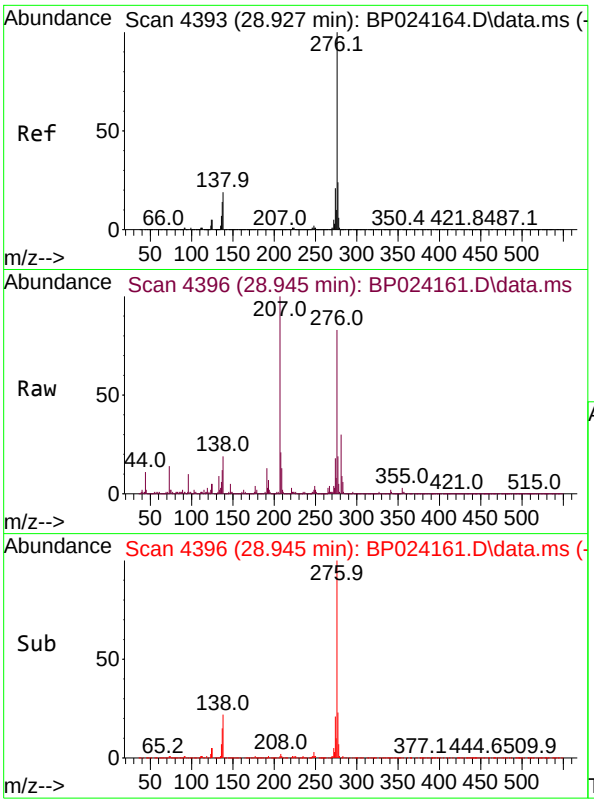


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.080 min Scan# 3739
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:264 Resp: 1694453

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.5	17.7	26.5



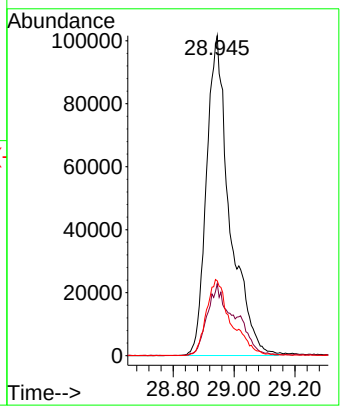


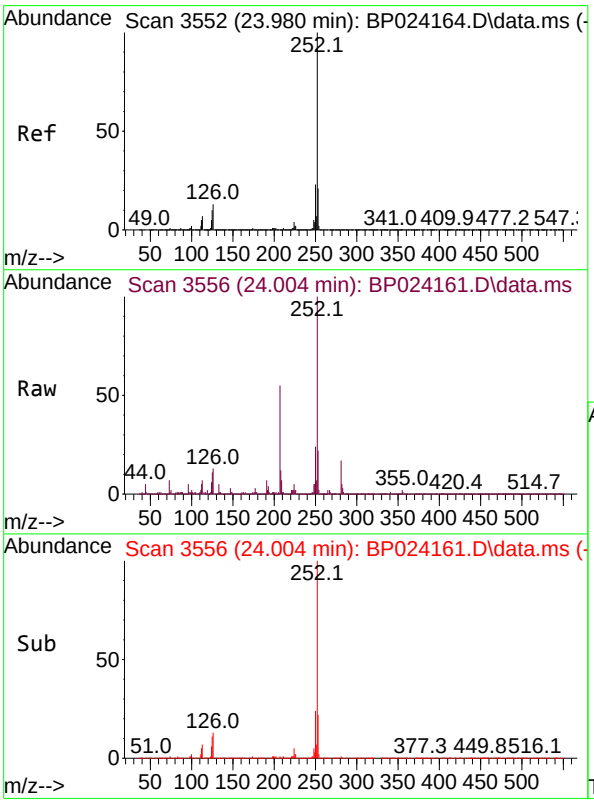
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.476 ng
RT: 28.945 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 539523

Ion	Ratio	Lower	Upper
276	100		
138	20.0	13.7	20.5
277	25.2	20.2	30.2

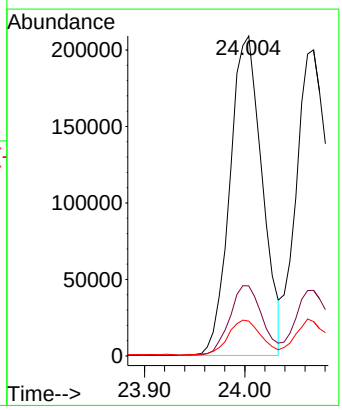


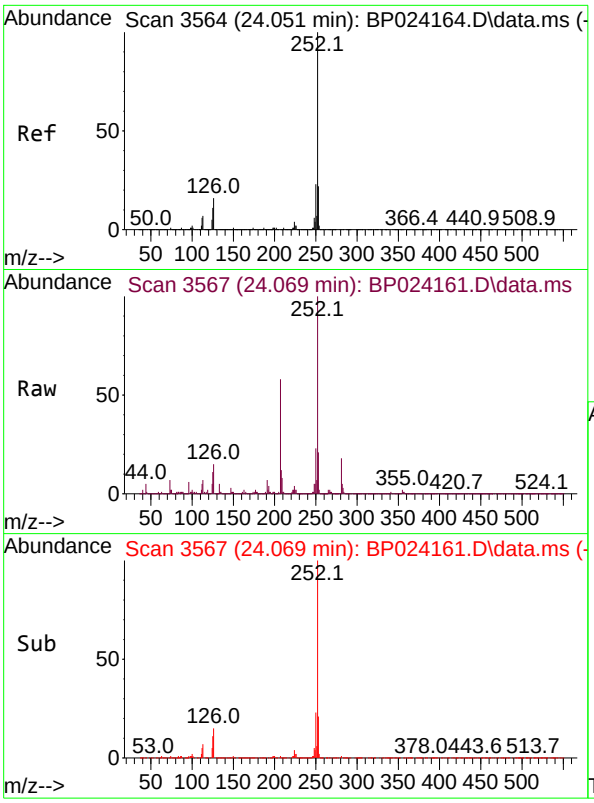


#88
Benzo(b)fluoranthene
Concen: 4.344 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:252 Resp: 467406

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.9	8.2	12.4



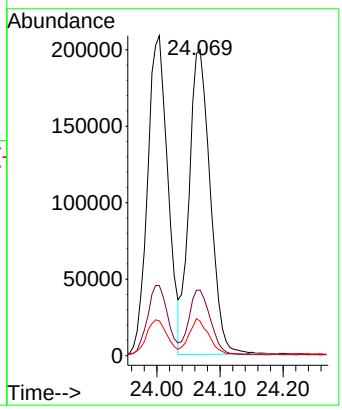


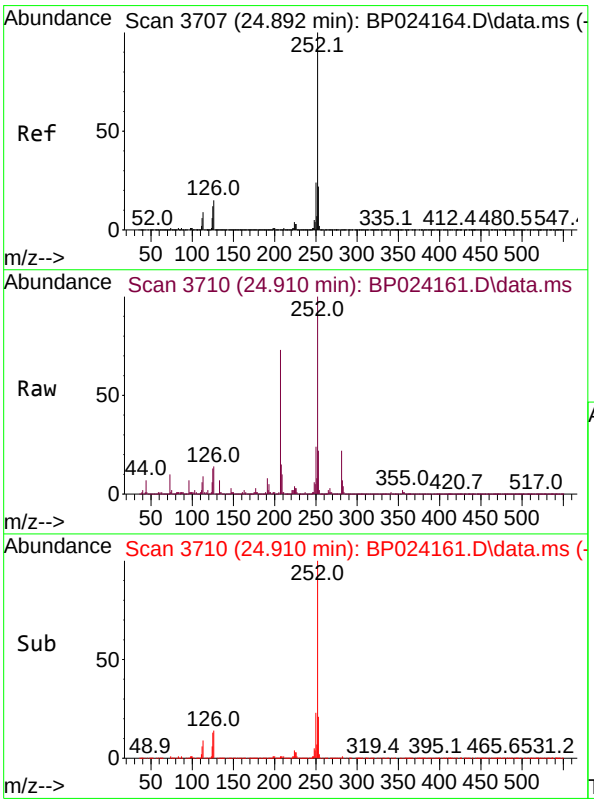
#89
Benzo(k)fluoranthene
Concen: 4.417 ng
RT: 24.069 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 462653

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.3	9.1	13.7

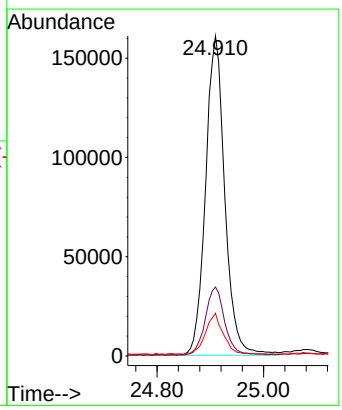


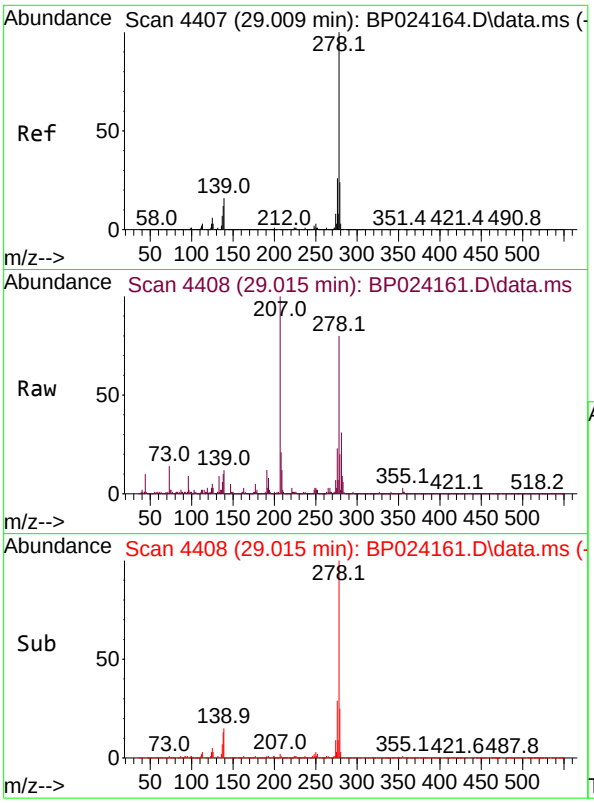


#90
Benzo(a)pyrene
Concen: 4.421 ng
RT: 24.910 min Scan# 3710
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:252 Resp: 403692

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	13.4	9.6	14.4



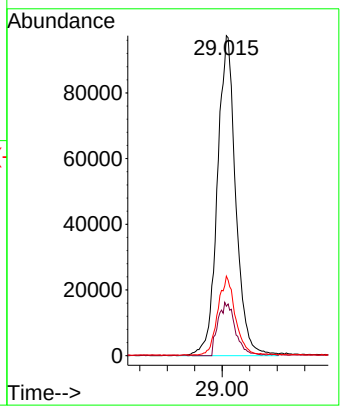


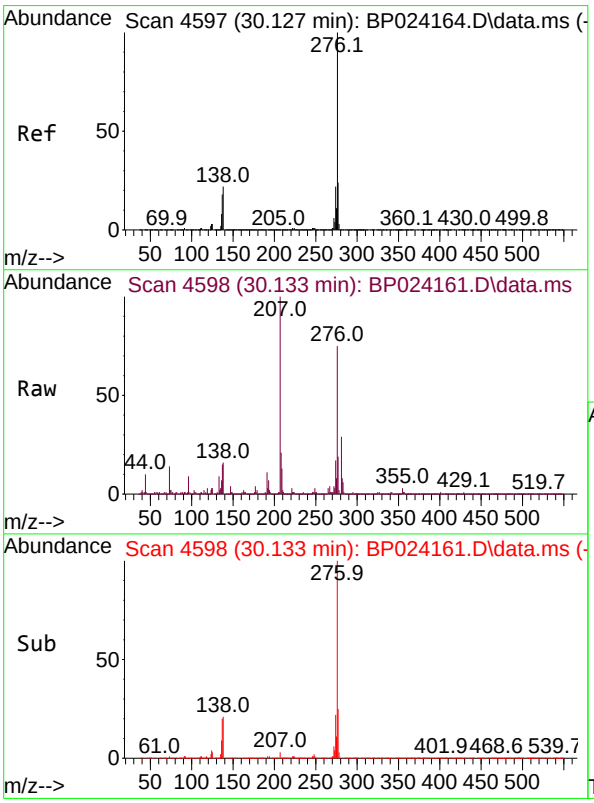
#91
Dibenzo(a,h)anthracene
Concen: 4.444 ng
RT: 29.015 min Scan# 44
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 450461

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.8	18.8	28.2

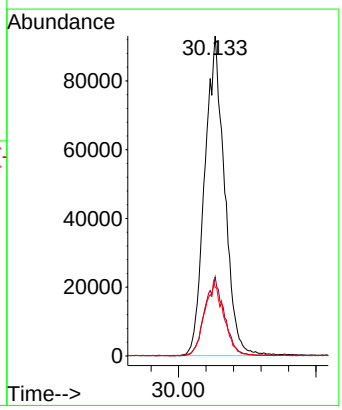




#92
Benzo(g,h,i)perylene
Concen: 4.518 ng
RT: 30.133 min Scan# 4598
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:276 Resp: 464721

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	21.4	17.4	26.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	362382	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1504882	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	918204	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1730200	20.000	ng		0.01
76) Chrysene-d12	21.674	240	1856010	20.000	ng		0.02
86) Perylene-d12	25.086	264	2039908	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2339783	100.747	ng		0.00
7) Phenol-d6	6.952	99	3169724	106.191	ng		0.00
23) Nitrobenzene-d5	8.928	82	2723412	100.962	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	1240173	110.267	ng		0.01
45) 2-Fluorobiphenyl	13.022	172	6129086	93.318	ng		0.00
79) Terphenyl-d14	19.945	244	8967575	95.606	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	449736	49.365	ng		100
3) Pyridine	3.716	79	1060495	44.773	ng		99
4) n-Nitrosodimethylamine	3.622	42	417922	49.741	ng		99
6) Aniline	7.110	93	1402509	51.307	ng		100
8) 2-Chlorophenol	7.346	128	1260095	51.262	ng		98
9) Benzaldehyde	6.922	77	680024	49.899	ng		99
10) Phenol	6.981	94	1580281	52.648	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	1214752	51.383	ng		99
12) 1,3-Dichlorobenzene	7.663	146	1338137	49.552	ng		99
13) 1,4-Dichlorobenzene	7.810	146	1352373	49.520	ng		100
14) 1,2-Dichlorobenzene	8.122	146	1299613	49.586	ng		99
15) Benzyl Alcohol	8.010	79	1016261	55.621	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1236313	53.871	ng		99
17) 2-Methylphenol	8.216	107	1010720	55.257	ng		100
18) Hexachloroethane	8.846	117	482437	49.052	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	929876	57.939	ng		99
20) 3+4-Methylphenols	8.540	107	1401754	56.333	ng		99
22) Acetophenone	8.587	105	1912289	49.450	ng	#	99
24) Nitrobenzene	8.969	77	1335288	50.299	ng		99
25) Isophorone	9.487	82	2389410	54.168	ng		100
26) 2-Nitrophenol	9.669	139	686089	56.096	ng		99
27) 2,4-Dimethylphenol	9.734	122	840657	52.362	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	1612977	50.476	ng		100
29) 2,4-Dichlorophenol	10.210	162	1152247	52.591	ng		98
30) 1,2,4-Trichlorobenzene	10.416	180	1212617	48.306	ng		99
31) Naphthalene	10.604	128	4020722	49.689	ng		100
32) Benzoic acid	9.893	122	900054	61.152	ng		99
33) 4-Chloroaniline	10.710	127	1481634	51.976	ng		99
34) Hexachlorobutadiene	10.893	225	703606	48.392	ng		99
35) Caprolactam	11.510	113	402356	60.646	ng		98
36) 4-Chloro-3-methylphenol	11.845	107	1251209	55.551	ng		100
37) 2-Methylnaphthalene	12.216	142	2749915	51.131	ng		100
38) 1-Methylnaphthalene	12.434	142	2647375	50.600	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	1331287	47.188	ng		100
41) Hexachlorocyclopentadiene	12.569	237	503901	47.999	ng		99
43) 2,4,6-Trichlorophenol	12.828	196	896606	52.112	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

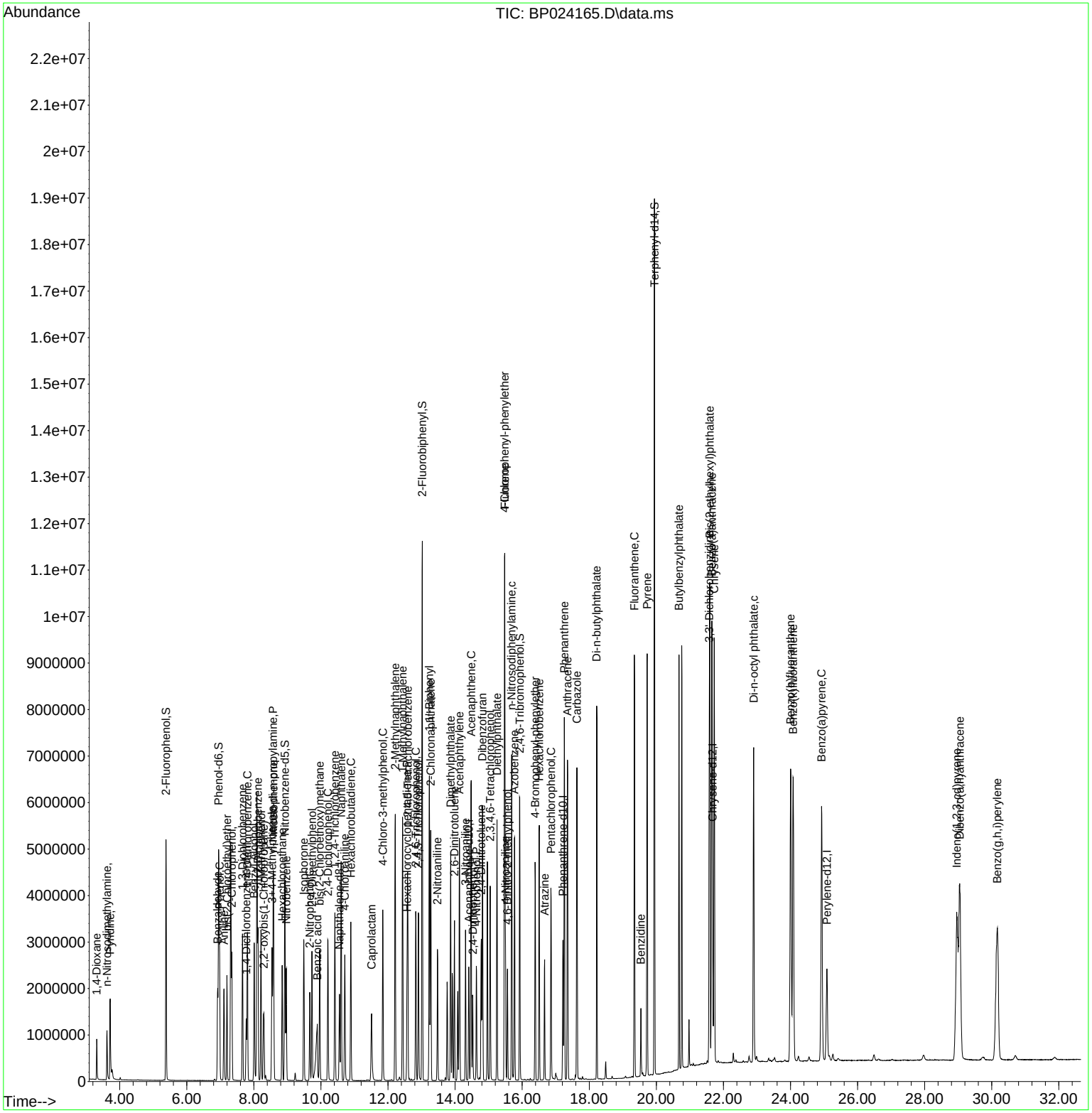
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	969372	51.517	ng	99
46) 1,1'-Biphenyl	13.234	154	3427883	48.043	ng	100
47) 2-Chloronaphthalene	13.275	162	2559098	47.446	ng	99
48) 2-Nitroaniline	13.475	65	714343	56.066	ng	97
49) Acenaphthylene	14.128	152	4015684	50.533	ng	100
50) Dimethylphthalate	13.869	163	3252950	50.224	ng	100
51) 2,6-Dinitrotoluene	13.981	165	715171	54.206	ng	99
52) Acenaphthene	14.481	154	2516832	49.182	ng	99
53) 3-Nitroaniline	14.310	138	790217	56.128	ng	98
54) 2,4-Dinitrophenol	14.528	184	410616	58.439	ng	99
55) Dibenzofuran	14.816	168	4058172	48.816	ng	99
56) 4-Nitrophenol	14.639	139	685687	56.382	ng	98
57) 2,4-Dinitrotoluene	14.781	165	971087	56.659	ng	99
58) Fluorene	15.481	166	3230571	49.759	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	851401	52.152	ng	100
60) Diethylphthalate	15.251	149	3265289	50.786	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	1572773	49.216	ng	99
62) 4-Nitroaniline	15.504	138	831169	56.889	ng	99
63) Azobenzene	15.769	77	3077821	51.085	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	551280	55.051	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2670636	49.497	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	968698	49.858	ng	98
68) Hexachlorobenzene	16.510	284	1136445	49.709	ng	99
69) Atrazine	16.669	200	452391	32.672	ng	99
70) Pentachlorophenol	16.863	266	796545	53.644	ng	99
71) Phenanthrene	17.257	178	4759945	48.797	ng	100
72) Anthracene	17.351	178	4723119	50.526	ng	100
73) Carbazole	17.633	167	4585466	51.485	ng	100
74) Di-n-butylphthalate	18.222	149	5502824	52.951	ng	100
75) Fluoranthene	19.345	202	5644914	51.163	ng	99
77) Benzidine	19.539	184	804810	35.585	ng	99
78) Pyrene	19.727	202	5876091	49.843	ng	100
80) Butylbenzylphthalate	20.674	149	2571381	56.920	ng	99
81) Benzo(a)anthracene	21.657	228	5851357	50.277	ng	100
82) 3,3'-Dichlorobenzidine	21.580	252	2015249	55.414	ng	99
83) Chrysene	21.727	228	5625314	50.126	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	3802016	55.499	ng	100
85) Di-n-octyl phthalate	22.904	149	6298049	57.516	ng	100
87) Indeno(1,2,3-cd)pyrene	28.956	276	7354717	50.680	ng	99
88) Benzo(b)fluoranthene	24.004	252	6342083	48.959	ng	98
89) Benzo(k)fluoranthene	24.080	252	6136938	48.672	ng	99
90) Benzo(a)pyrene	24.927	252	5581393	50.770	ng	99
91) Dibenzo(a,h)anthracene	29.045	278	6072440	49.766	ng	99
92) Benzo(g,h,i)perylene	30.168	276	6130219	49.509	ng	99

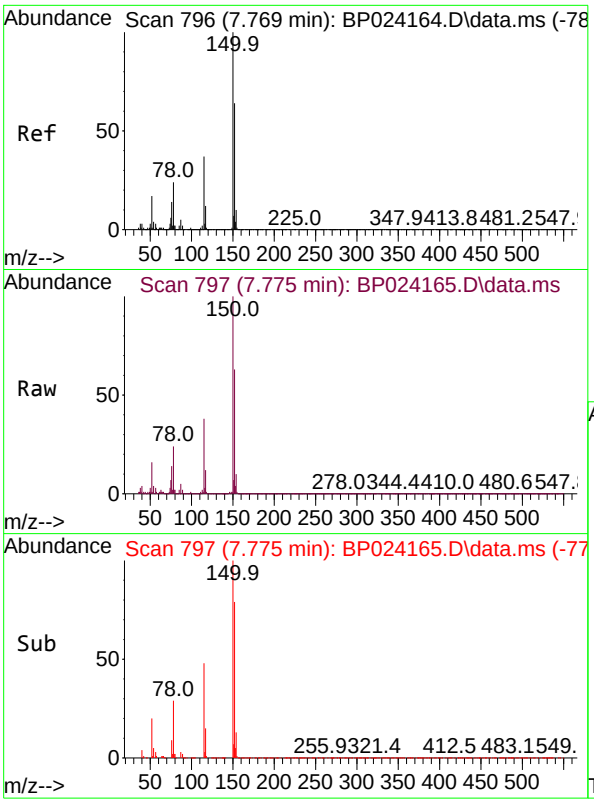
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



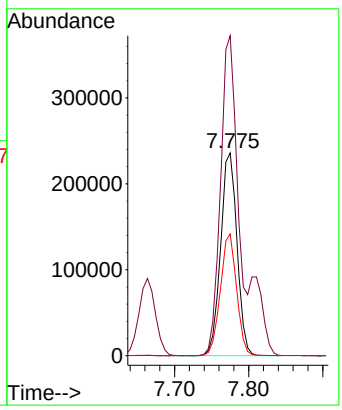


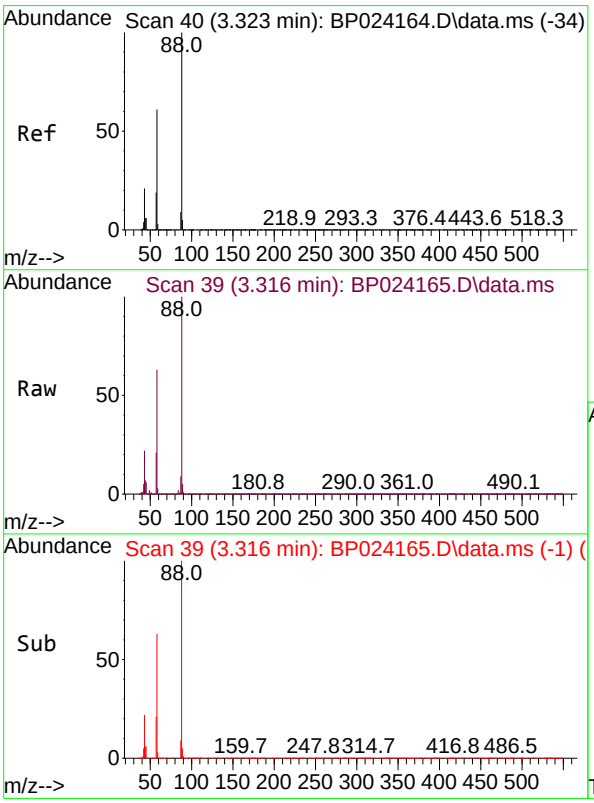
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 362382

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.5	188.3
115	60.0	46.3	69.5

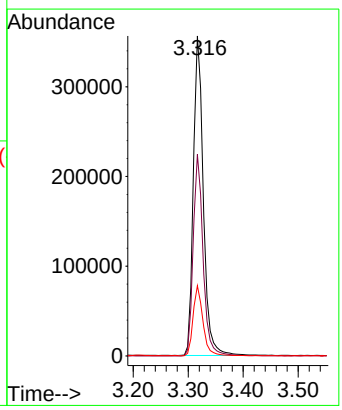


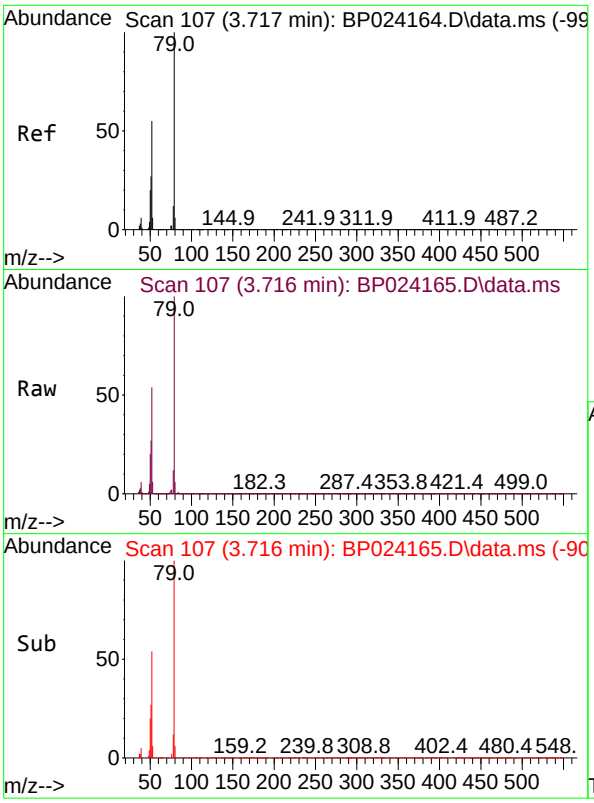


#2
1,4-Dioxane
Concen: 49.365 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 88 Resp: 449736

Ion	Ratio	Lower	Upper
88	100		
58	62.6	49.8	74.6
43	21.6	17.3	25.9



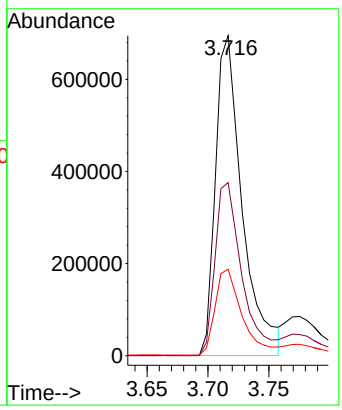


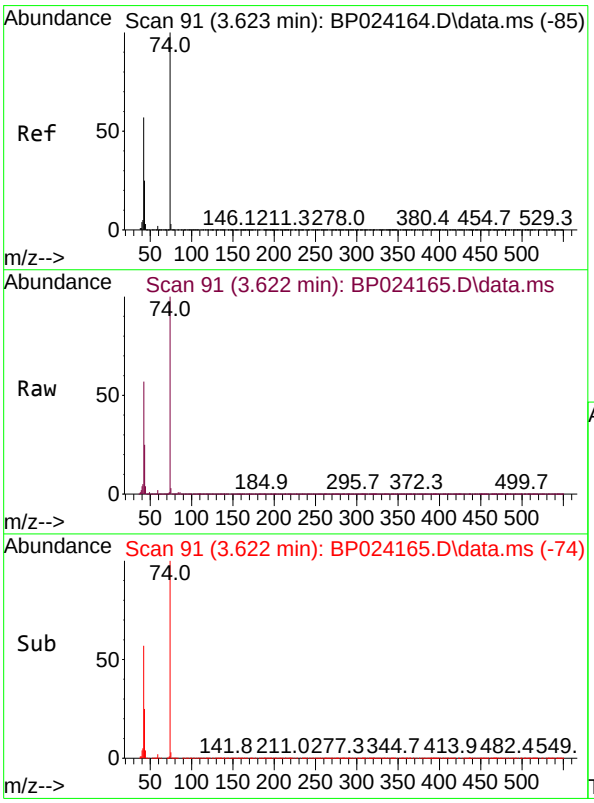
#3
Pyridine
Concen: 44.773 ng
RT: 3.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1060495

Ion	Ratio	Lower	Upper
79	100		
52	54.1	43.8	65.8
51	27.0	21.6	32.4

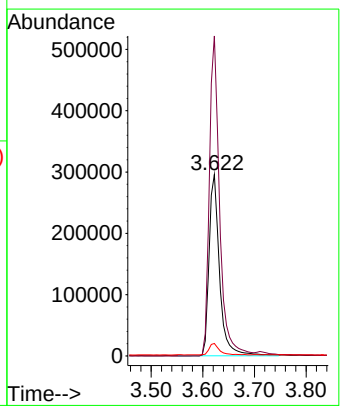


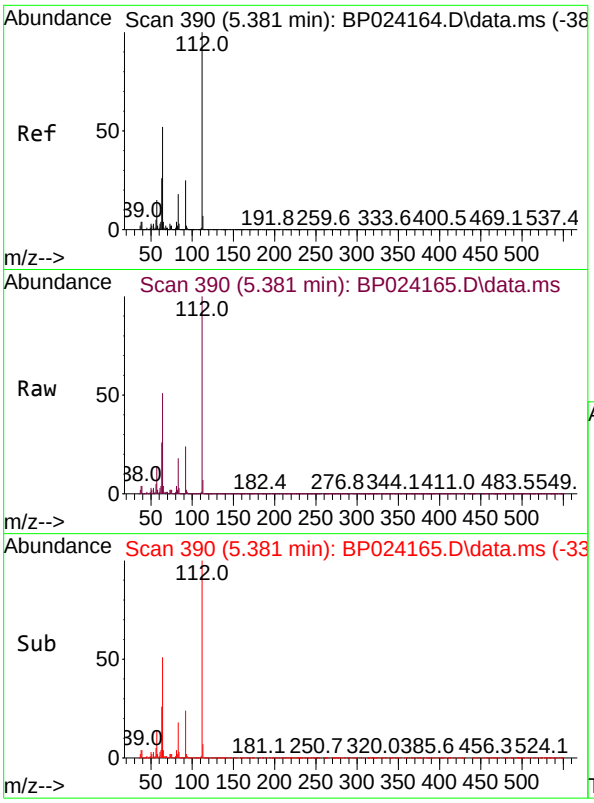


#4
n-Nitrosodimethylamine
Concen: 49.741 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 42 Resp: 417922

Ion	Ratio	Lower	Upper
42	100		
74	176.4	139.8	209.6
44	6.9	5.3	7.9



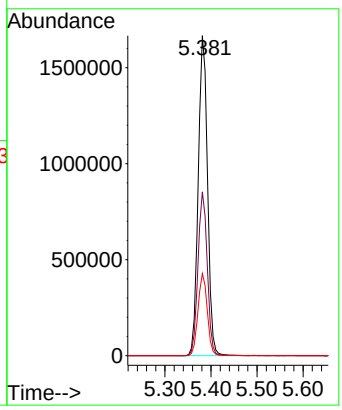


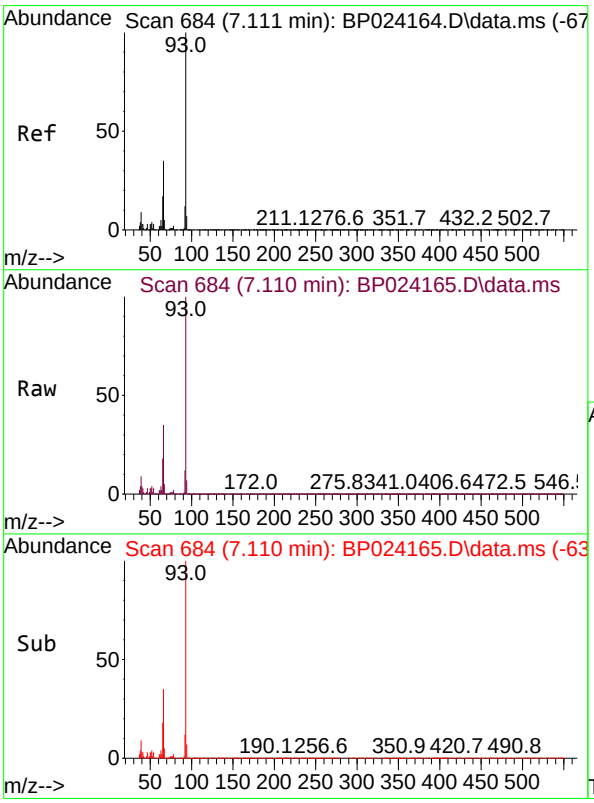
#5
2-Fluorophenol
Concen: 100.747 ng
RT: 5.381 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 2339783

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.3	61.9
63	25.7	20.6	31.0

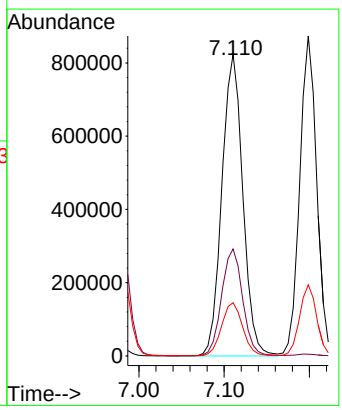


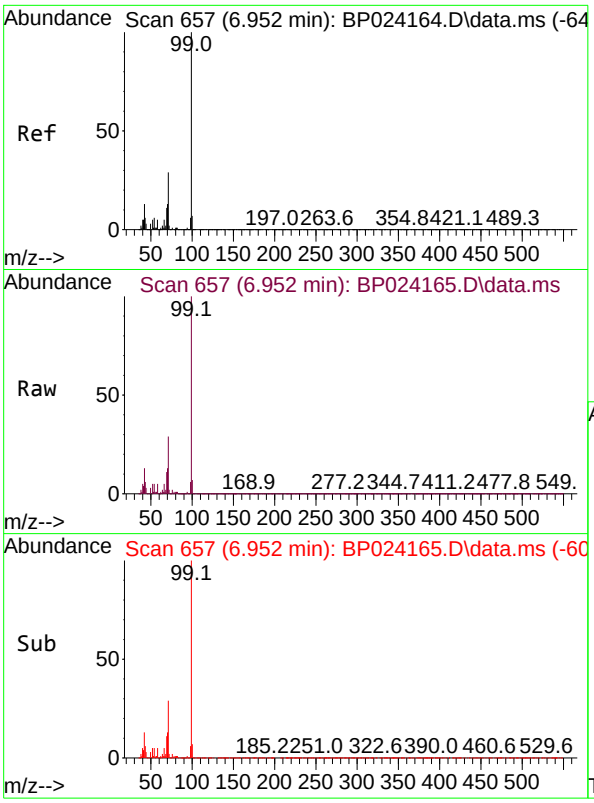


#6
Aniline
Concen: 51.307 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 93 Resp: 1402509

Ion	Ratio	Lower	Upper
93	100		
66	35.5	28.2	42.2
65	17.7	14.0	21.0



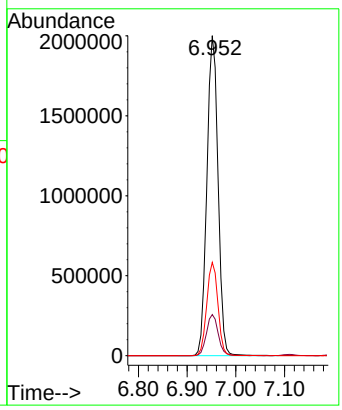


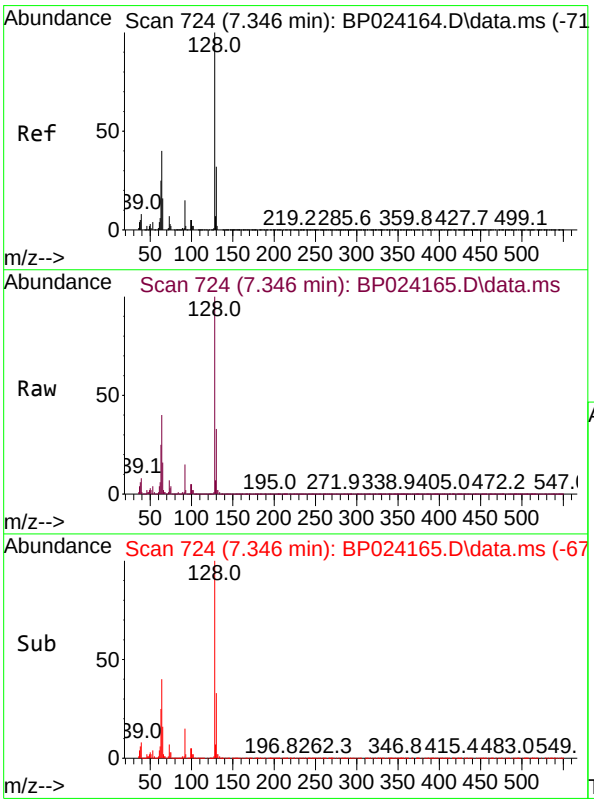
#7
Phenol-d6
Concen: 106.191 ng
RT: 6.952 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 3169724

Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.6	16.0
71	29.1	23.3	34.9

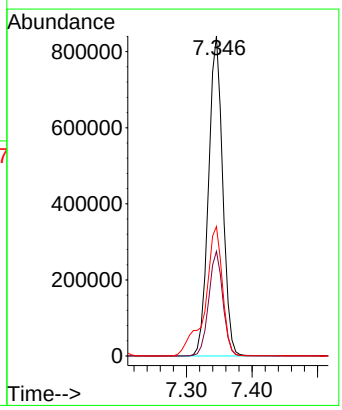


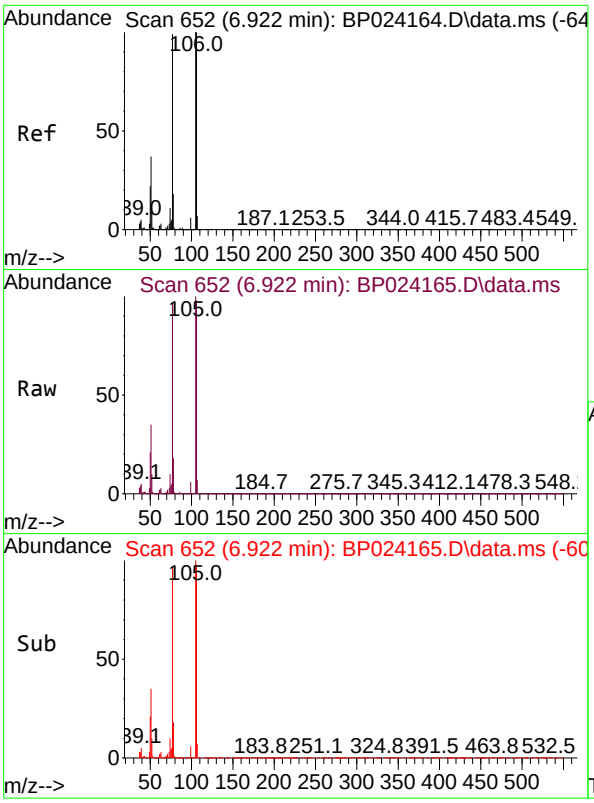


#8
2-Chlorophenol
Concen: 51.262 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:128 Resp: 1260095

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	40.4	21.6	61.6



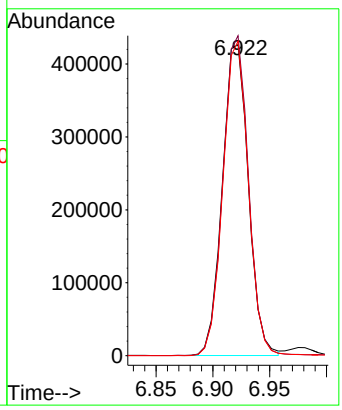


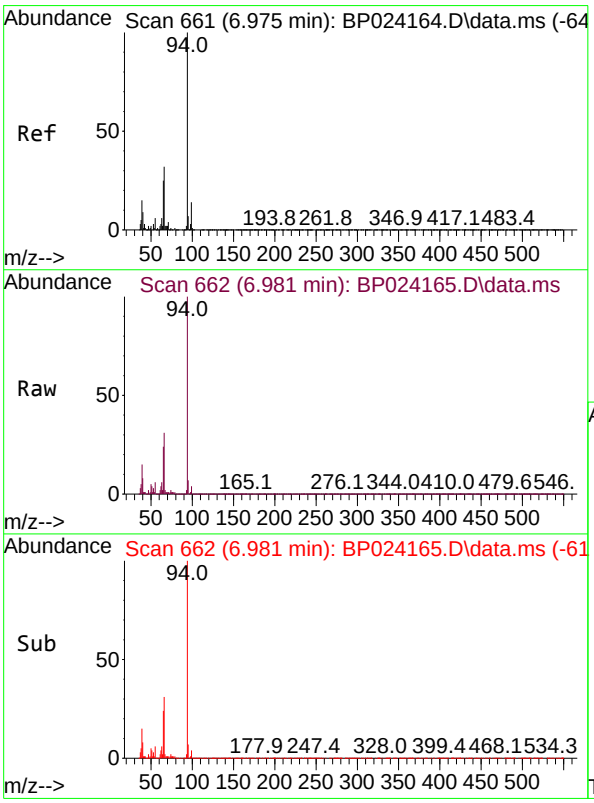
#9
Benzaldehyde
Concen: 49.899 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 680024

Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.4	121.4
106	101.1	81.1	121.1

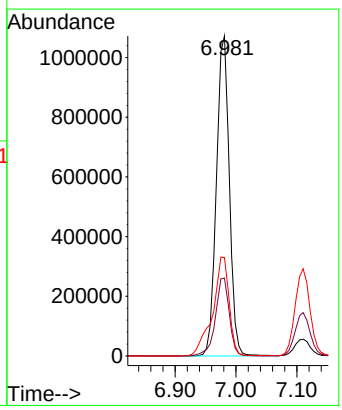


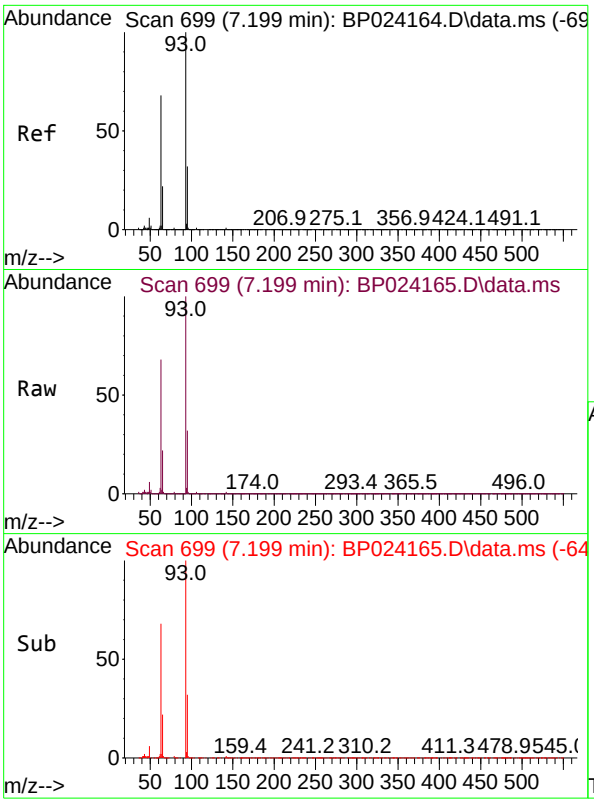


#10
Phenol
Concen: 52.648 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 94 Resp: 1580281

Ion	Ratio	Lower	Upper
94	100		
65	24.4	4.9	44.9
66	30.8	11.9	51.9



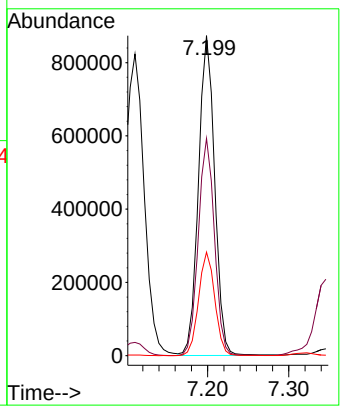


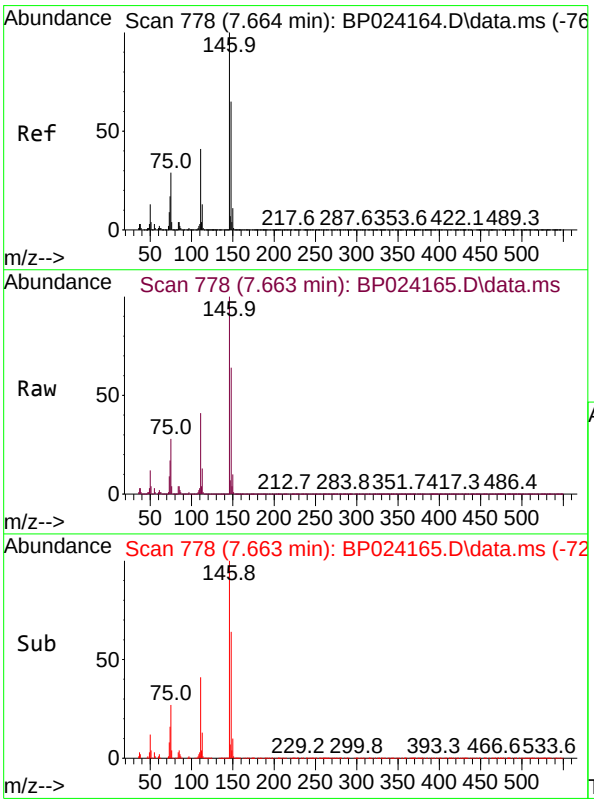
#11
bis(2-Chloroethyl)ether
Concen: 51.383 ng
RT: 7.199 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1214752

Ion	Ratio	Lower	Upper
93	100		
63	67.9	47.4	87.4
95	32.4	12.1	52.1

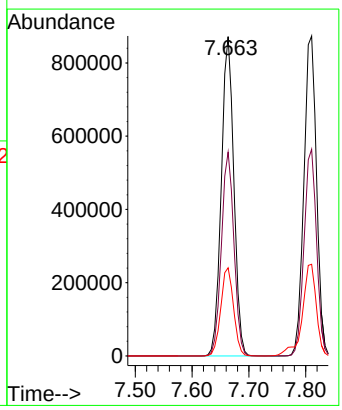


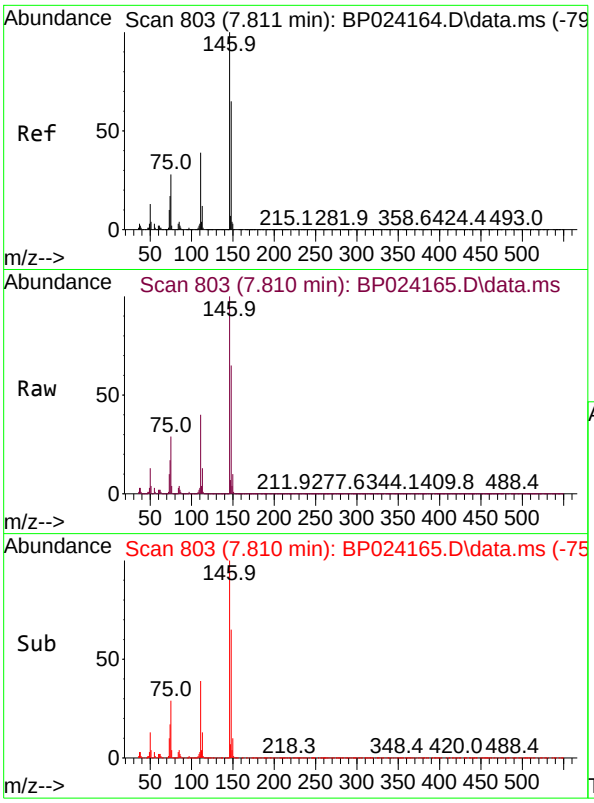


#12
1,3-Dichlorobenzene
Concen: 49.552 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:146 Resp: 1338137

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	27.6	22.8	34.2



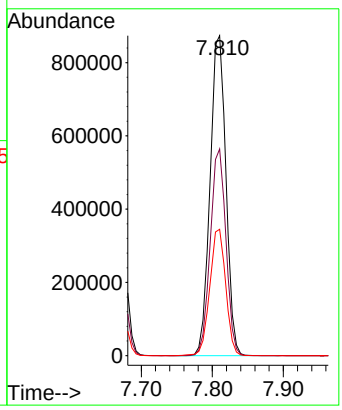


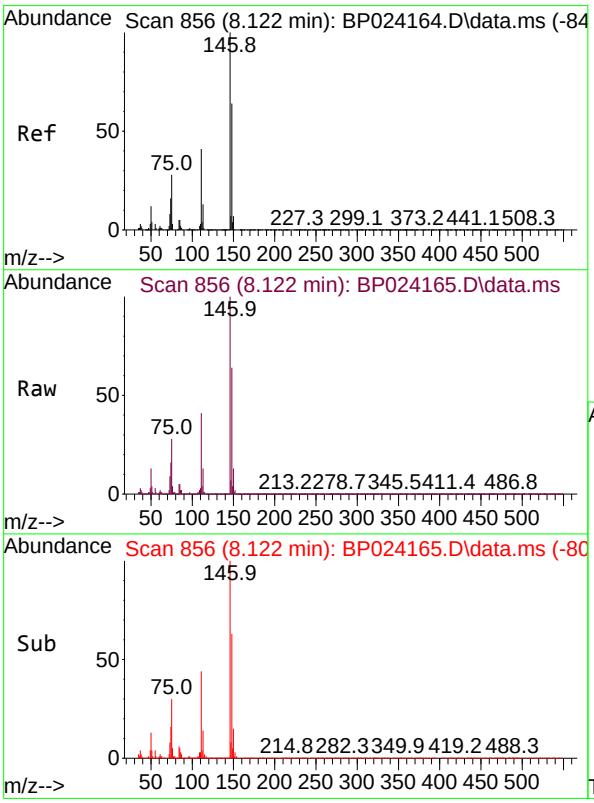
#13
1,4-Dichlorobenzene
Concen: 49.520 ng
RT: 7.810 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 1352373

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	39.5	31.4	47.2

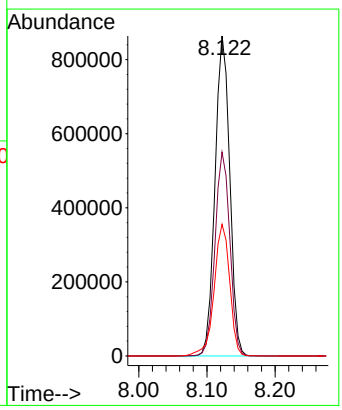


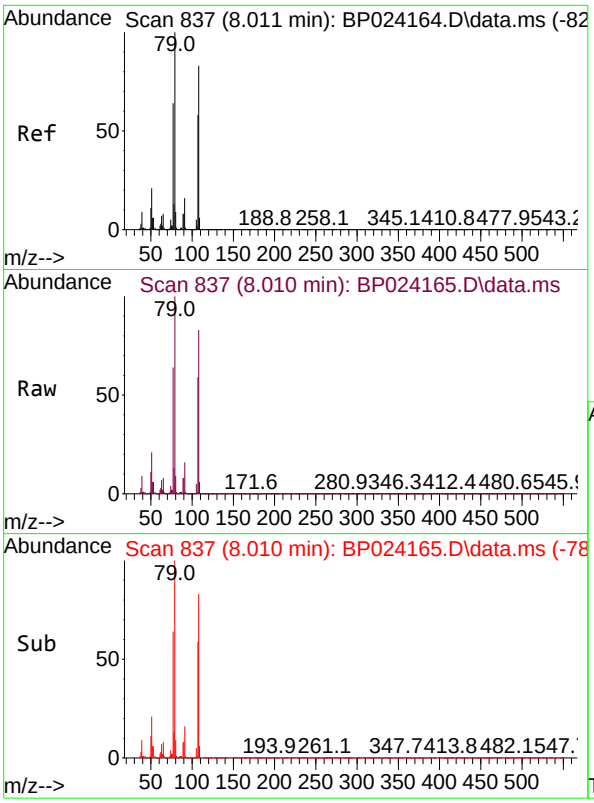


#14
1,2-Dichlorobenzene
Concen: 49.586 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:146 Resp: 1299613

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	41.2	33.2	49.8



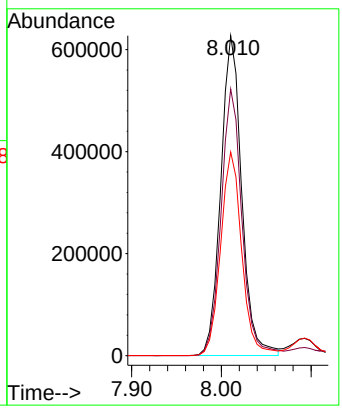


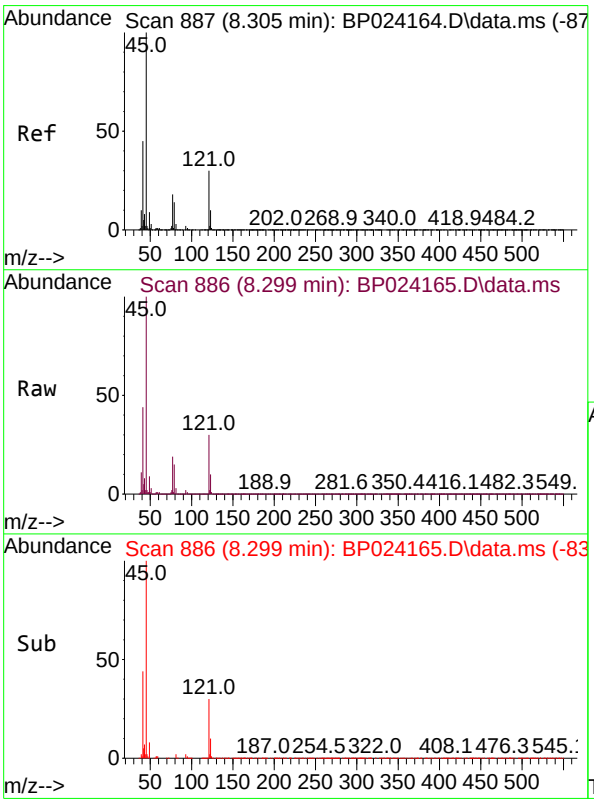
#15
Benzyl Alcohol
Concen: 55.621 ng
RT: 8.010 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1016261

Ion	Ratio	Lower	Upper
79	100		
108	83.4	66.5	99.7
77	63.7	50.9	76.3

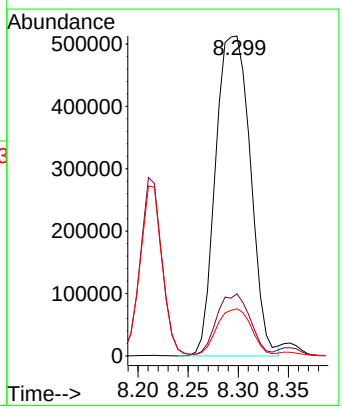


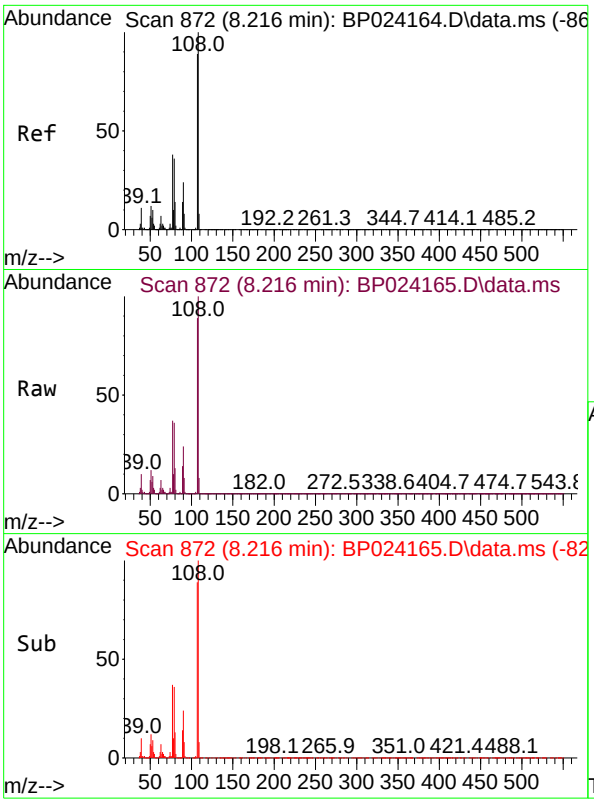


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.871 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 45 Resp: 1236313

Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	39.0
79	14.8	0.0	35.6



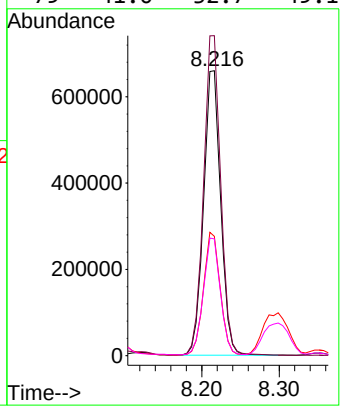


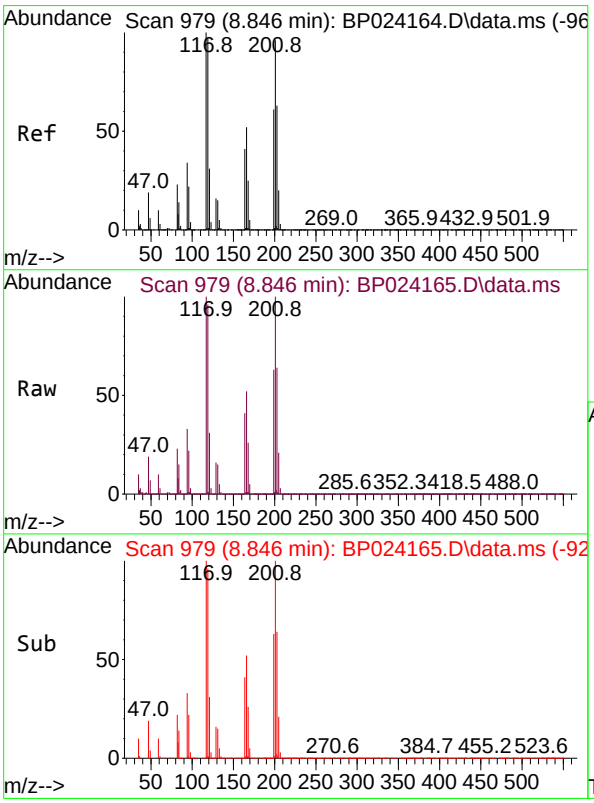
#17
2-Methylphenol
Concen: 55.257 ng
RT: 8.216 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 1010720

Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.0	135.0
77	41.9	34.0	51.0
79	41.0	32.7	49.1

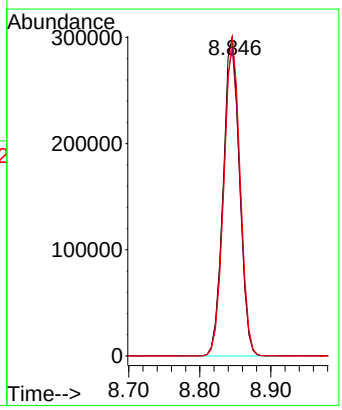


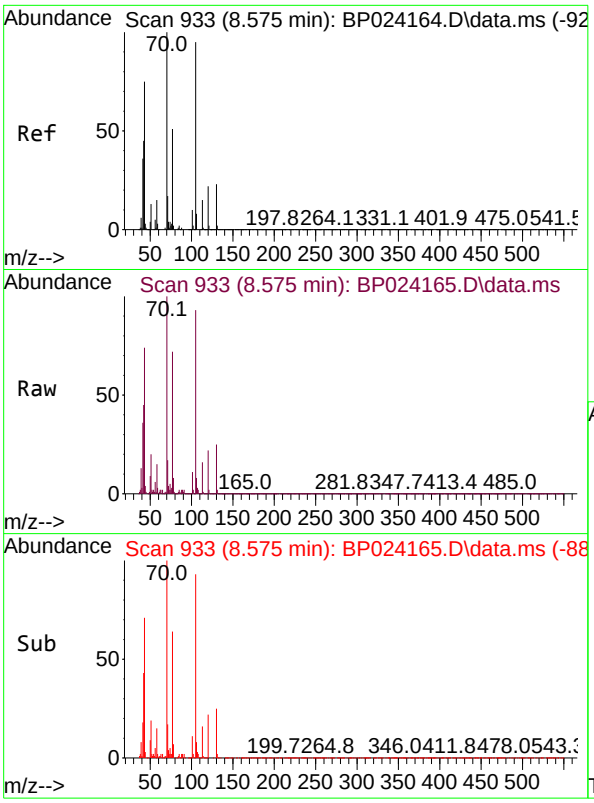


#18
Hexachloroethane
Concen: 49.052 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:117 Resp: 482437

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	100.3	76.6	114.8



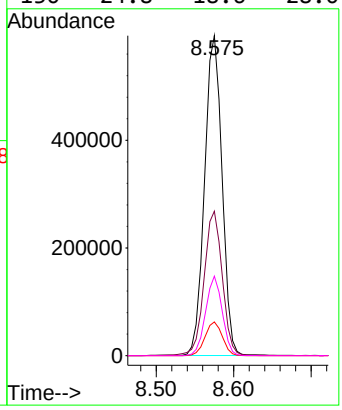


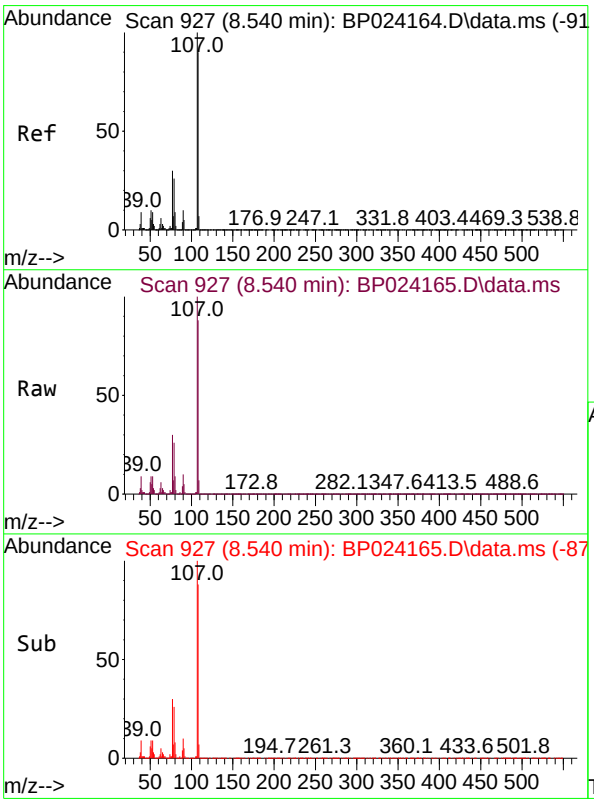
#19
n-Nitroso-di-n-propylamine
Concen: 57.939 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 929876

Ion	Ratio	Lower	Upper
70	100		
42	45.2	36.0	54.0
101	10.5	8.3	12.5
130	24.8	18.6	28.0

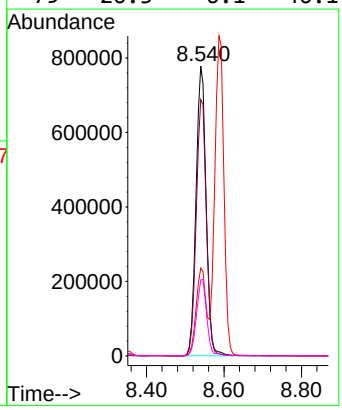


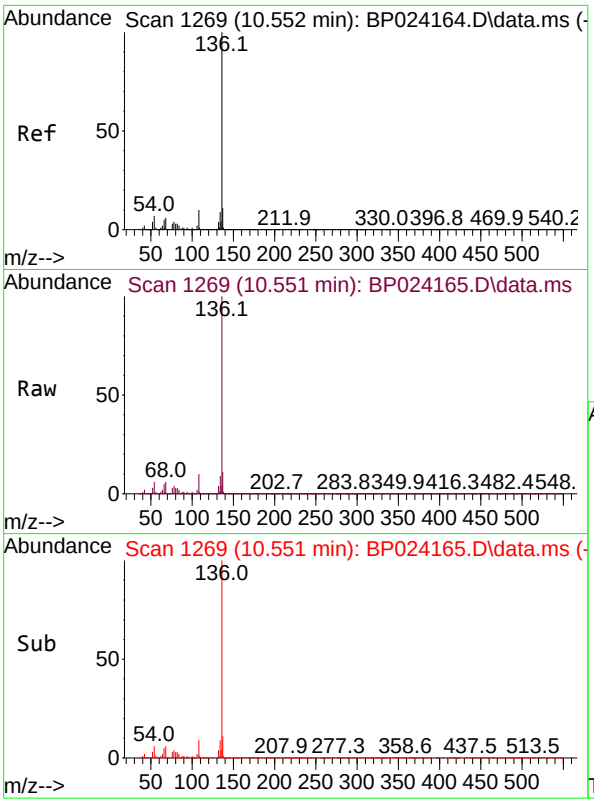


#20
3+4-Methylphenols
Concen: 56.333 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:107 Resp: 1401754

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.7	109.7
77	30.3	10.3	50.3
79	26.3	6.1	46.1



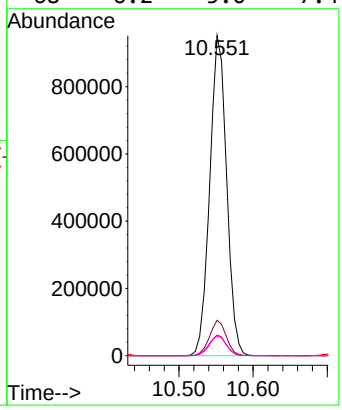


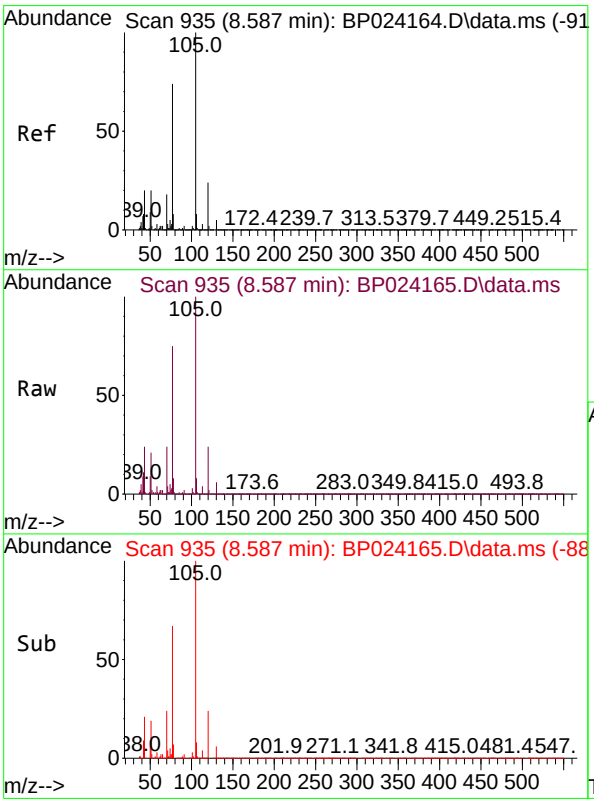
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1504882

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.4	5.3	7.9
68	6.2	5.0	7.4

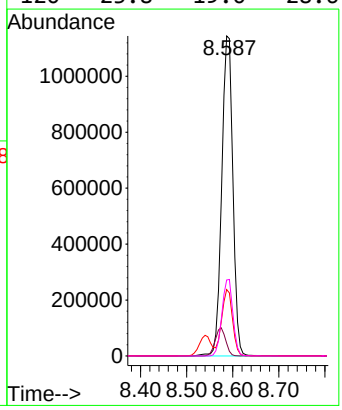


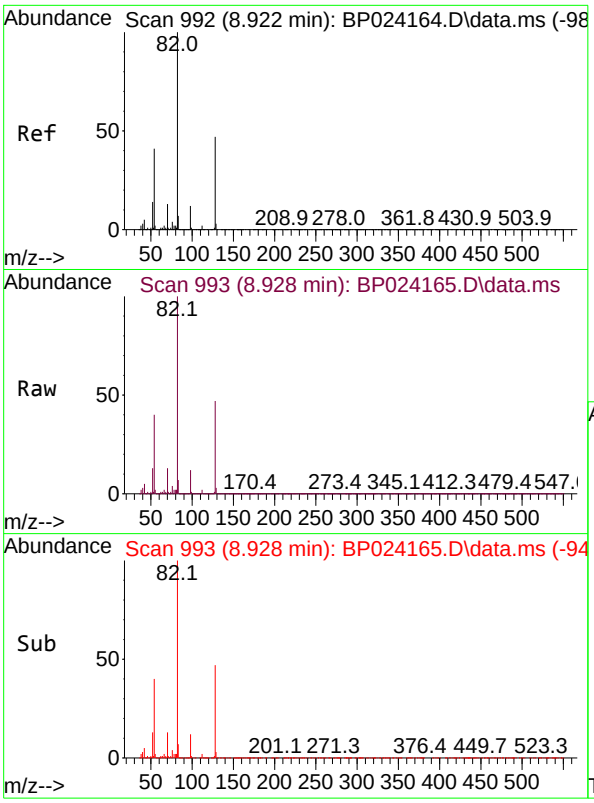


#22
Acetophenone
Concen: 49.450 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:105 Resp: 1912289

Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.4	3.6#
51	20.8	16.2	24.2
120	23.8	19.0	28.6



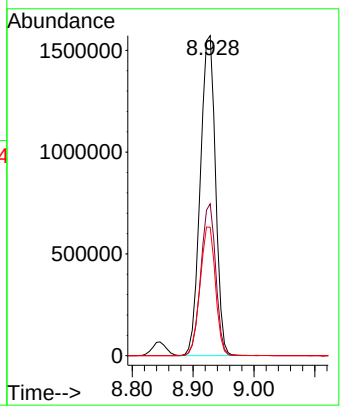


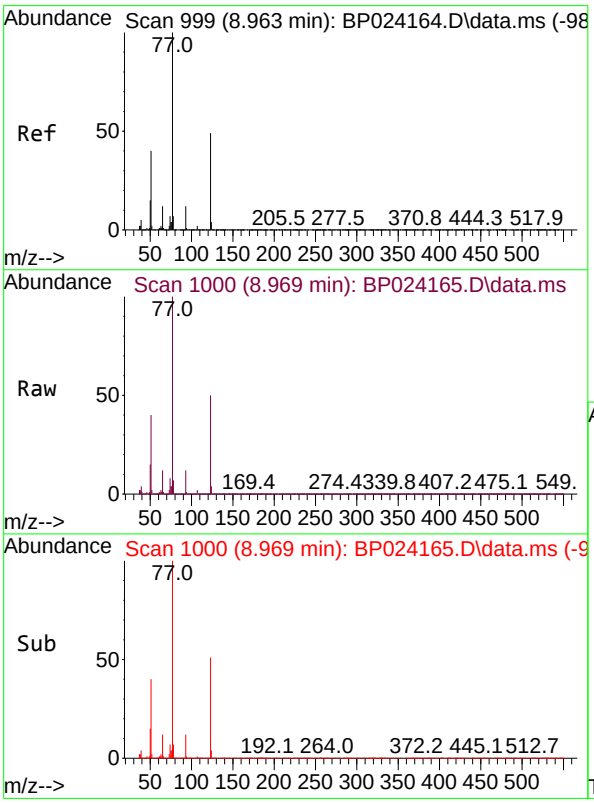
#23
Nitrobenzene-d5
Concen: 100.962 ng
RT: 8.928 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2723412

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	40.1	32.5	48.7

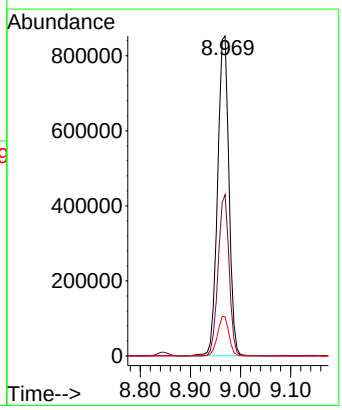


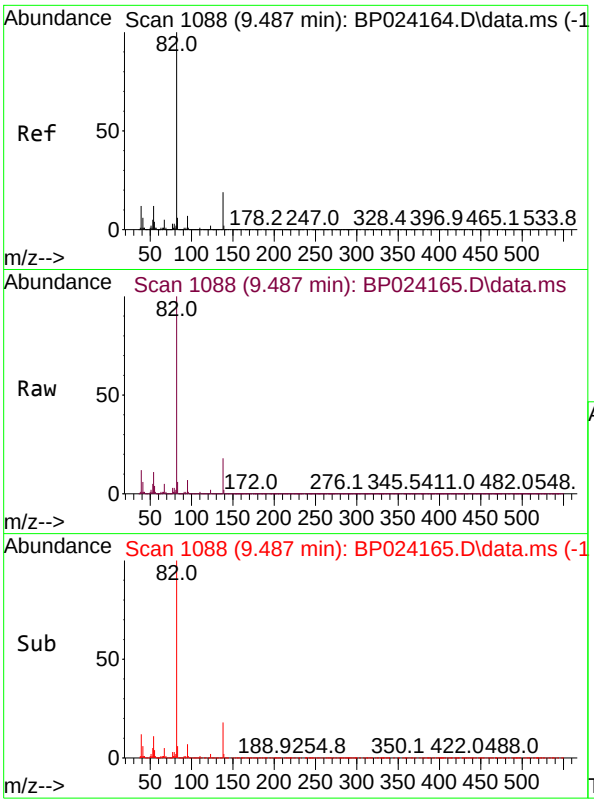


#24
Nitrobenzene
Concen: 50.299 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 77 Resp: 1335288

Ion	Ratio	Lower	Upper
77	100		
123	50.4	39.4	59.2
65	12.3	9.9	14.9



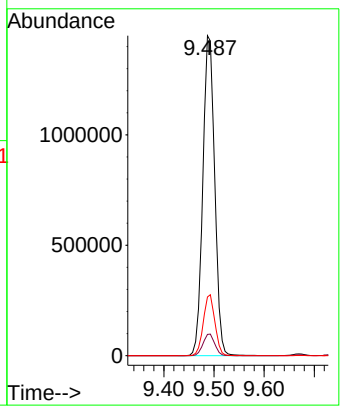


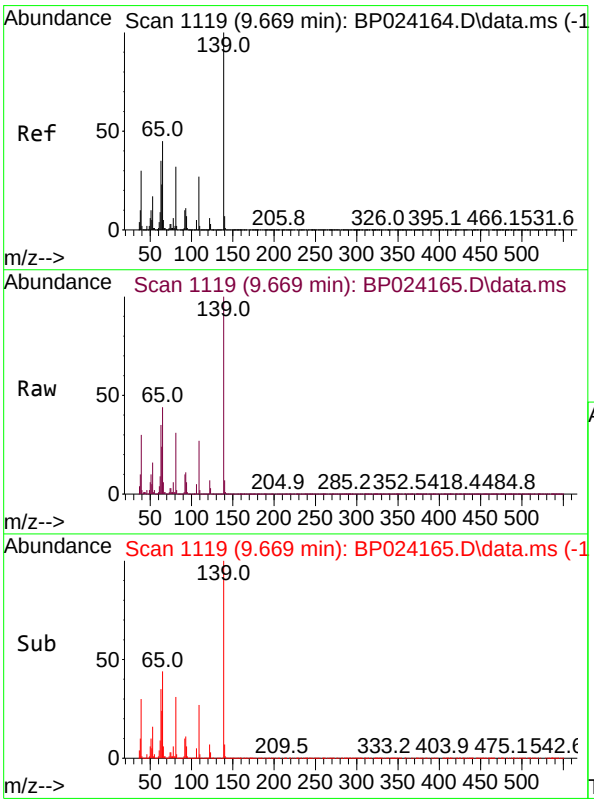
#25
Isophorone
Concen: 54.168 ng
RT: 9.487 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2389410

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.3	14.8	22.2

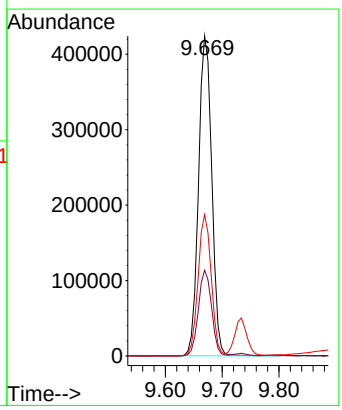


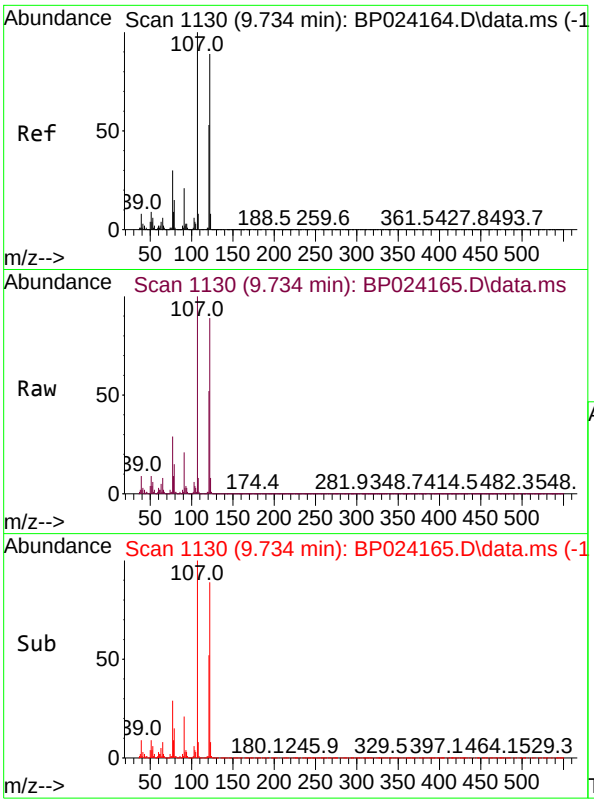


#26
2-Nitrophenol
Concen: 56.096 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:139 Resp: 686089

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.7	32.5
65	44.2	35.8	53.8



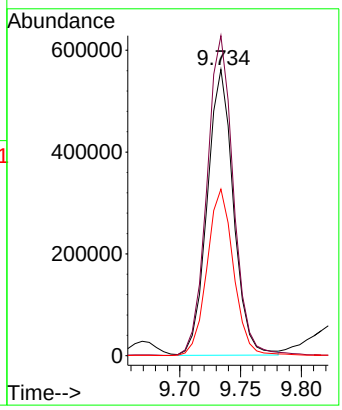


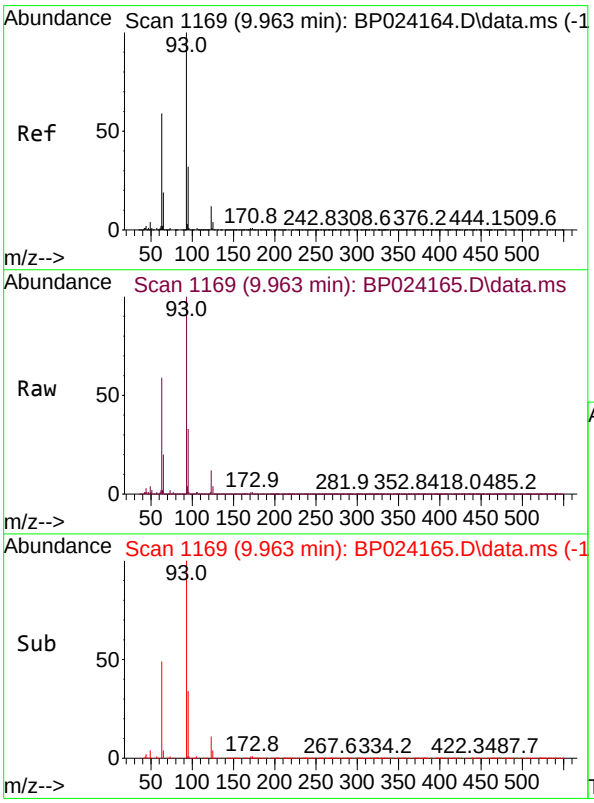
#27
2,4-Dimethylphenol
Concen: 52.362 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 840657

Ion	Ratio	Lower	Upper
122	100		
107	111.8	89.3	133.9
121	58.2	47.5	71.3

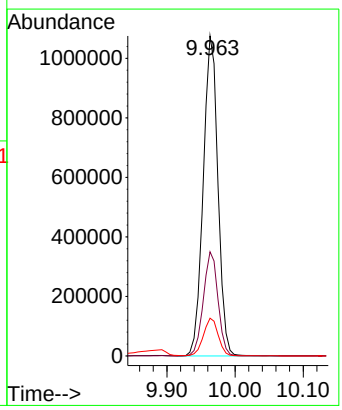


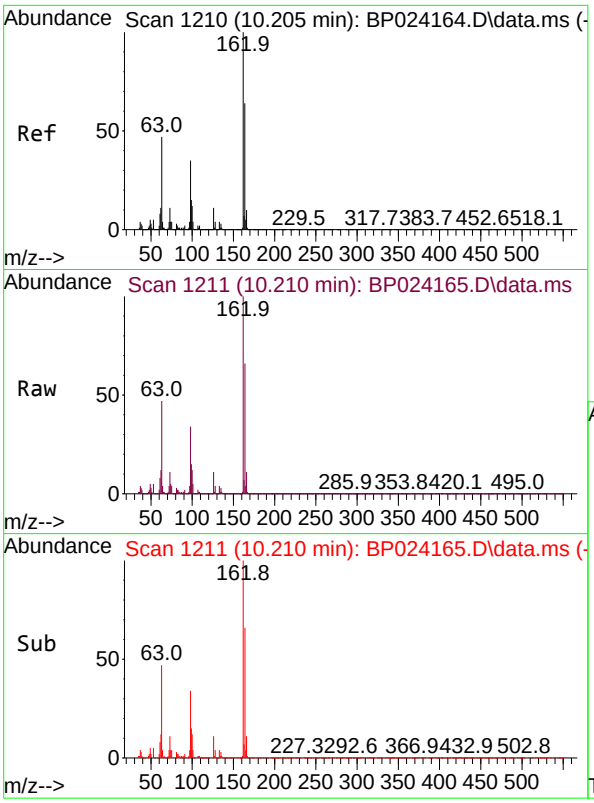


#28
bis(2-Chloroethoxy)methane
Concen: 50.476 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 93 Resp: 1612977

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	11.8	9.5	14.3



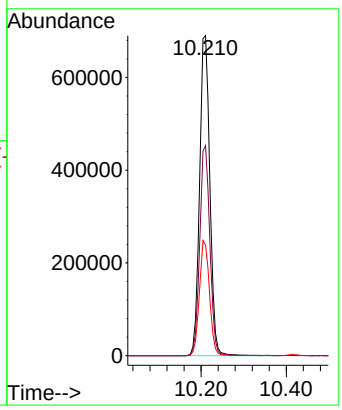


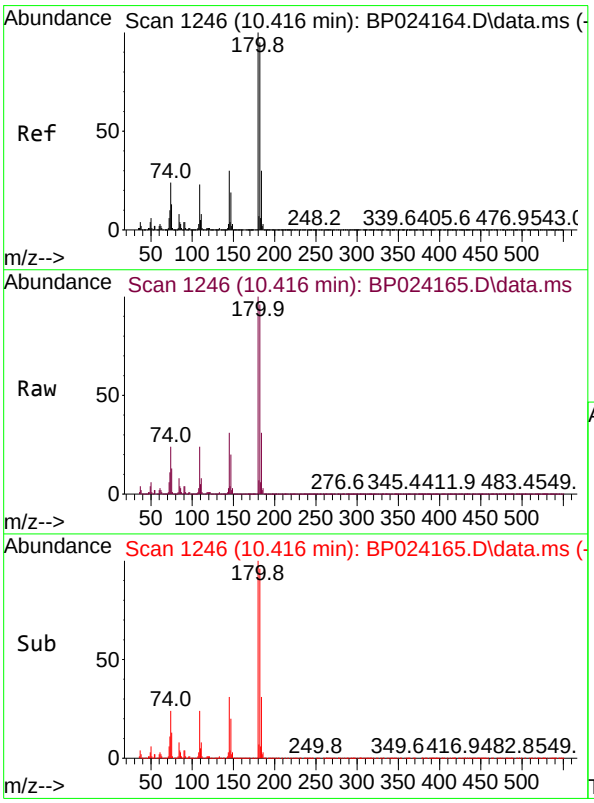
#29
2,4-Dichlorophenol
Concen: 52.591 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1152247

Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.2	84.2
98	34.5	15.1	55.1

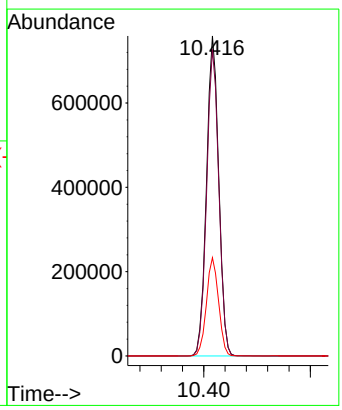


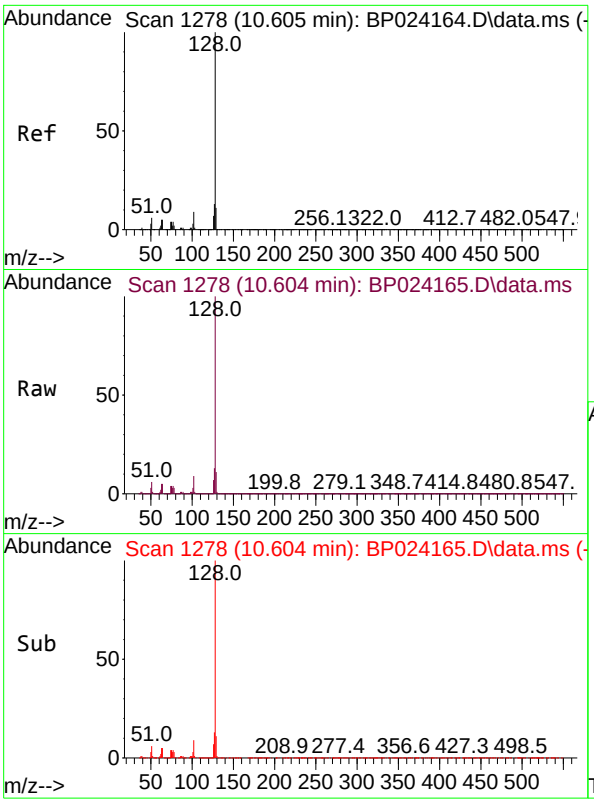


#30
1,2,4-Trichlorobenzene
Concen: 48.306 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:180 Resp: 1212617

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.1	114.1
145	30.7	24.2	36.2



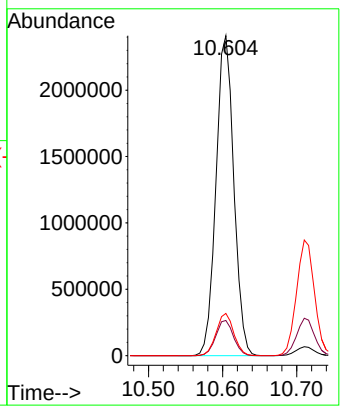


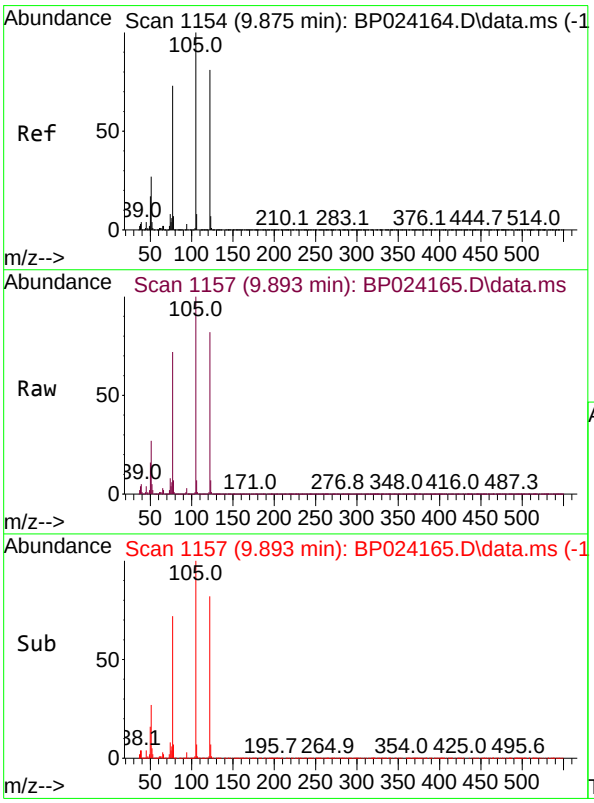
#31
Naphthalene
Concen: 49.689 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 4020722

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.4	15.6

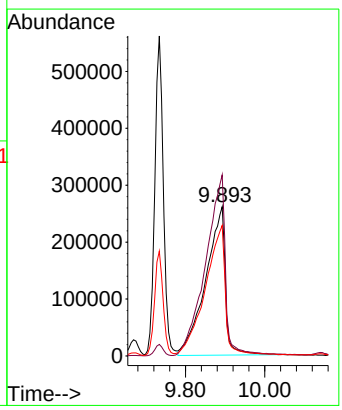


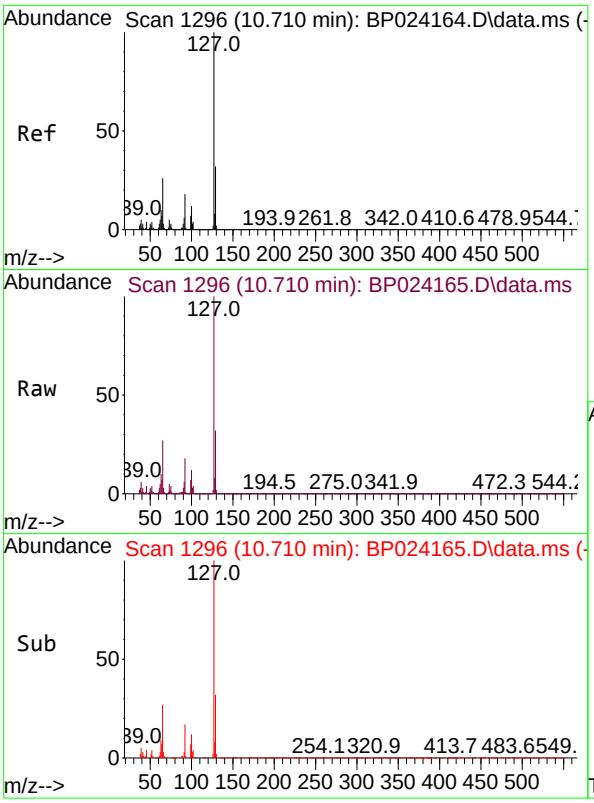


#32
Benzoic acid
Concen: 61.152 ng
RT: 9.893 min Scan# 1157
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:122 Resp: 900054

Ion	Ratio	Lower	Upper
122	100		
105	121.3	100.3	140.3
77	87.4	69.1	109.1



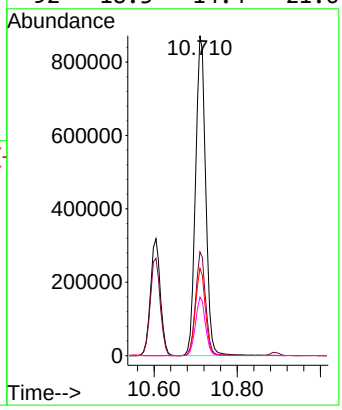


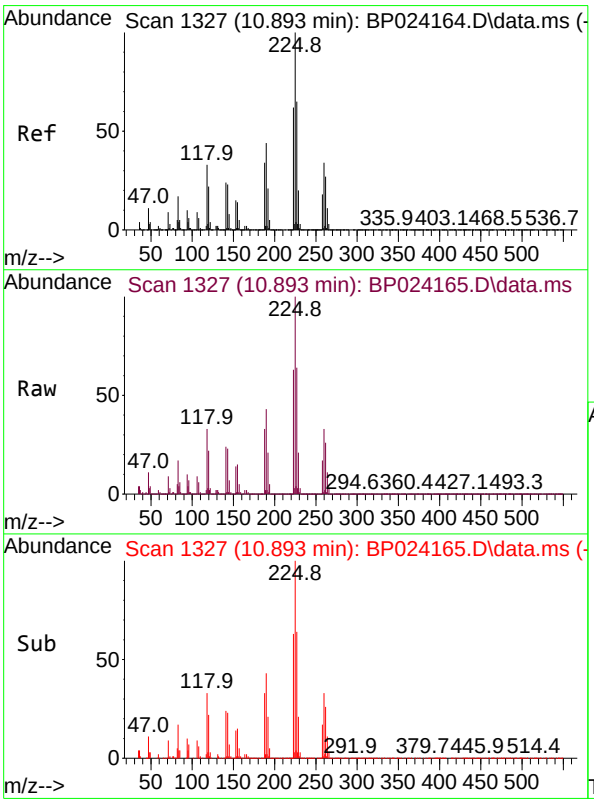
#33
4-Chloroaniline
Concen: 51.976 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1481634

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	27.3	21.2	31.8
92	18.3	14.4	21.6

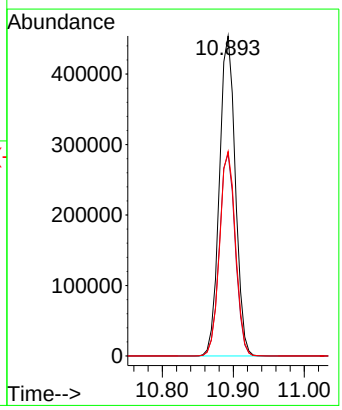


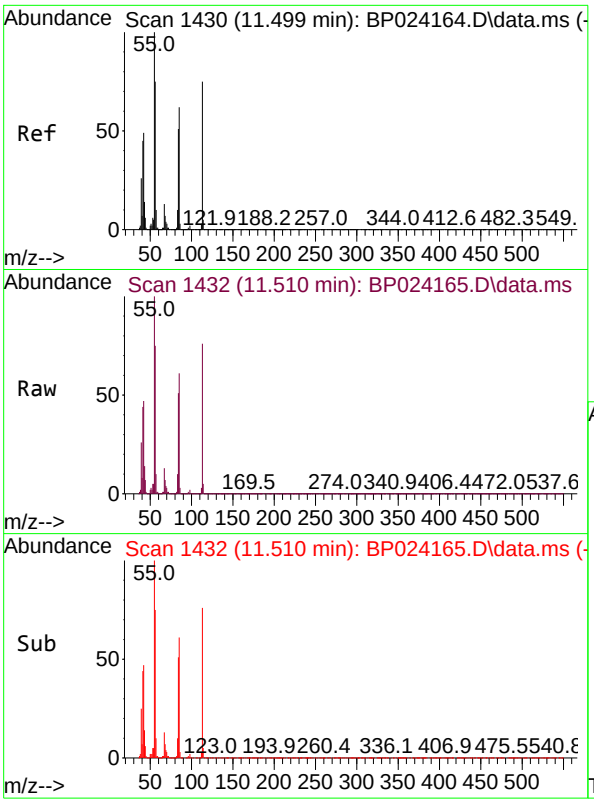


#34
Hexachlorobutadiene
Concen: 48.392 ng
RT: 10.893 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:225 Resp: 703606

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	63.9	52.2	78.2



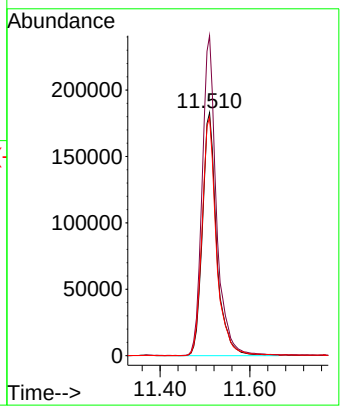


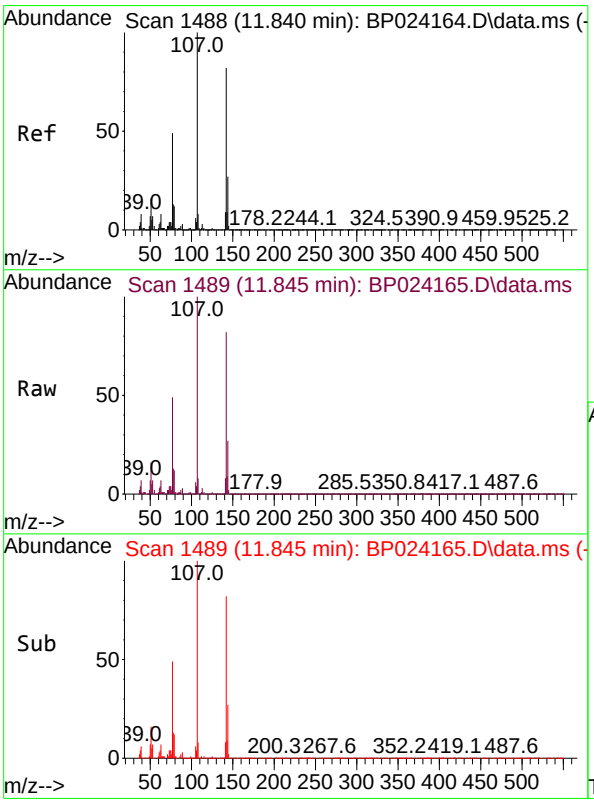
#35
Caprolactam
Concen: 60.646 ng
RT: 11.510 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 402356

Ion	Ratio	Lower	Upper
113	100		
55	131.8	113.6	153.6
56	98.2	80.0	120.0

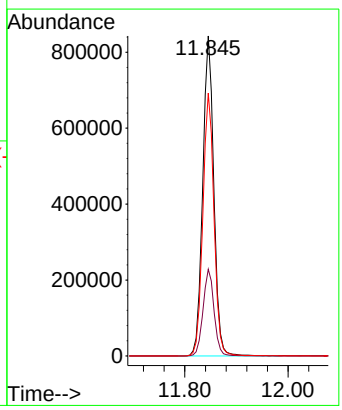


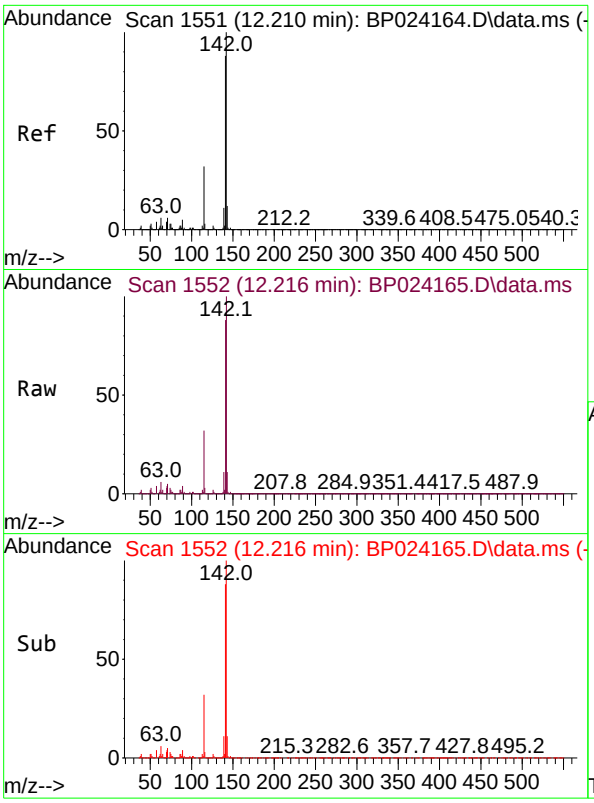


#36
4-Chloro-3-methylphenol
Concen: 55.551 ng
RT: 11.845 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:107 Resp: 1251209

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.6	32.4
142	82.1	65.4	98.0



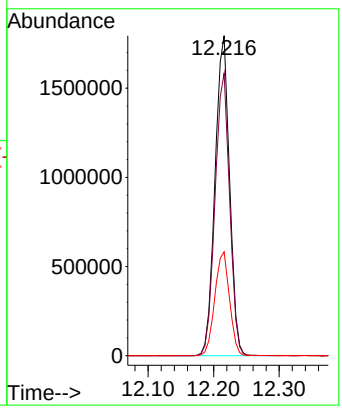


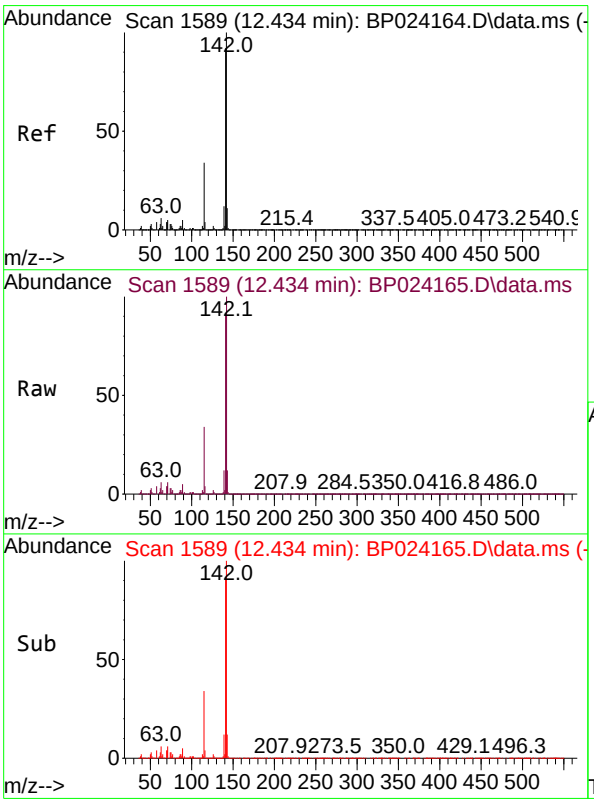
#37
2-Methylnaphthalene
Concen: 51.131 ng
RT: 12.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2749915

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	32.4	26.0	39.0

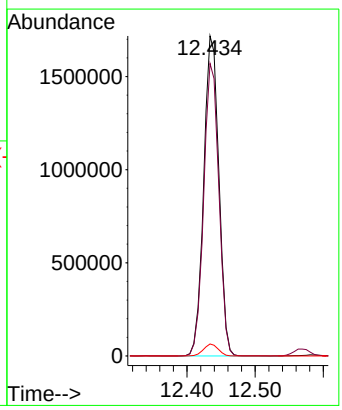


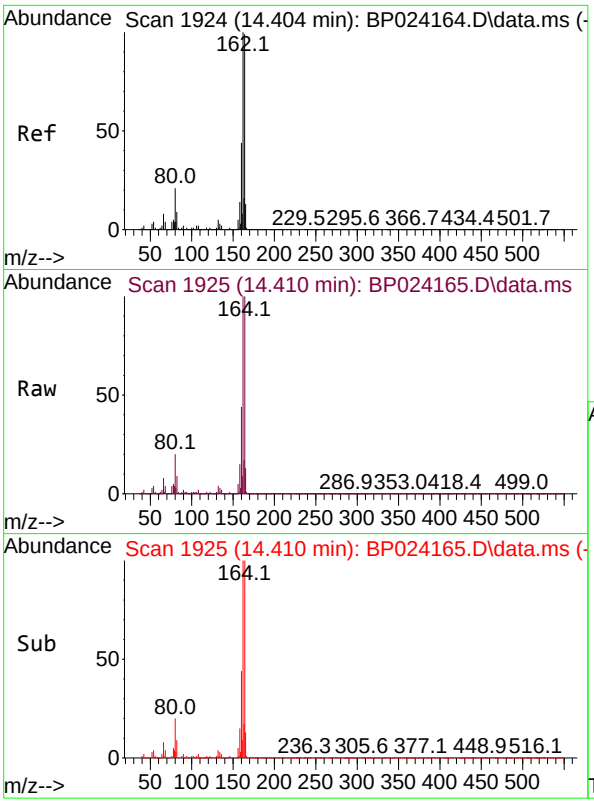


#38
1-Methylnaphthalene
Concen: 50.600 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:142 Resp: 2647375

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.7	2.8	4.2



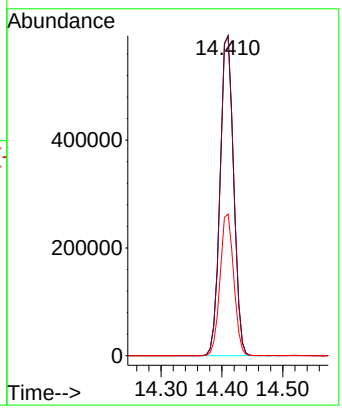


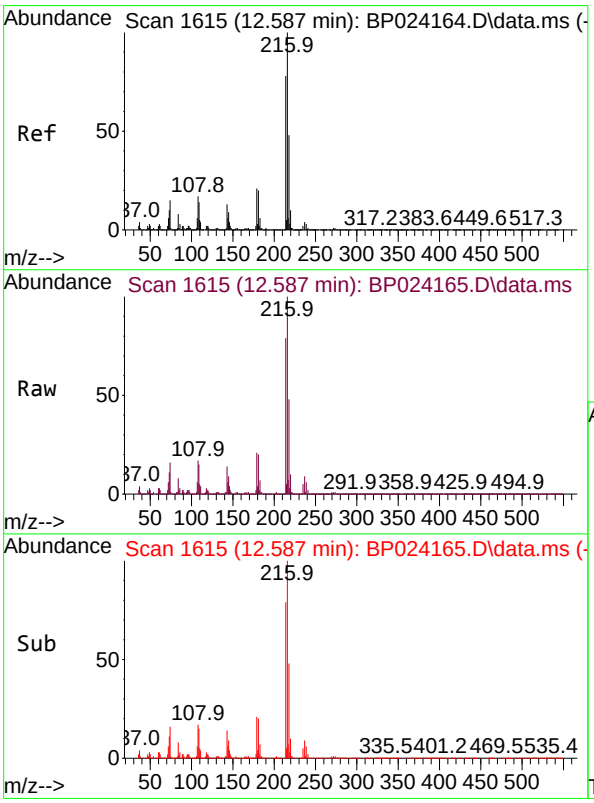
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 918204

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	44.2	35.4	53.2

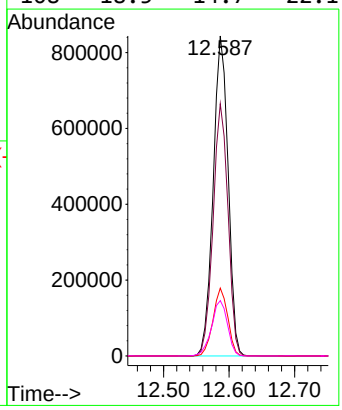


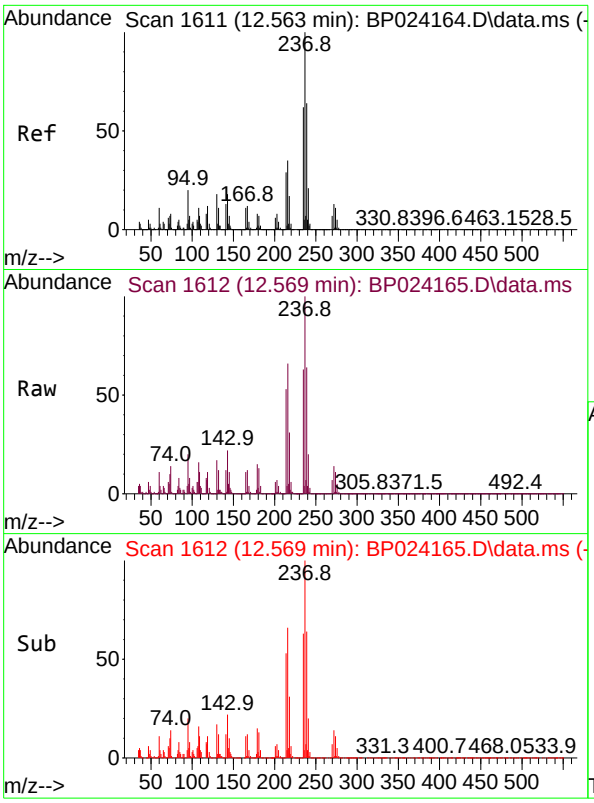


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.188 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:216 Resp: 1331287

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	20.9	16.8	25.2
108	18.5	14.7	22.1



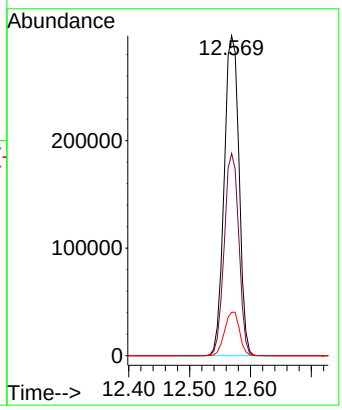


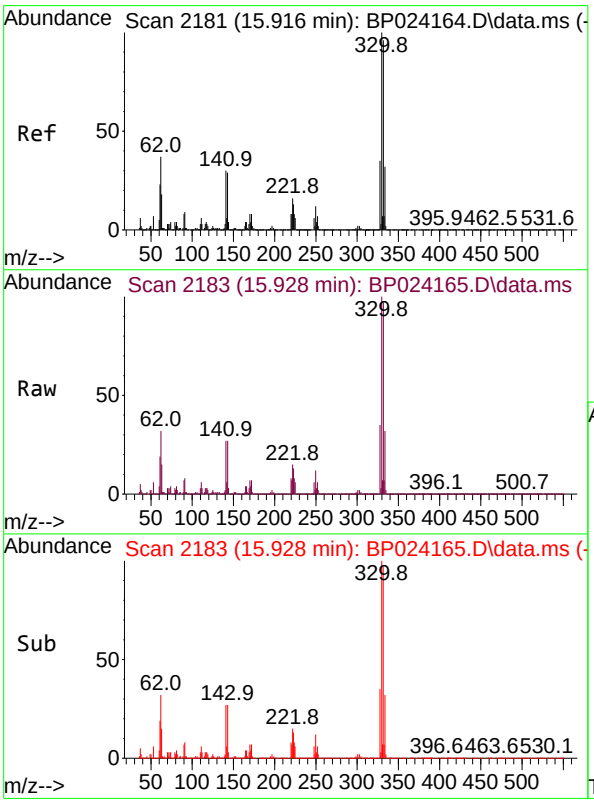
#41
Hexachlorocyclopentadiene
Concen: 47.999 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 503901

Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.8	81.8
272	13.5	0.0	33.5

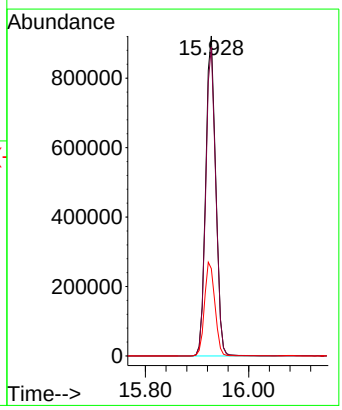


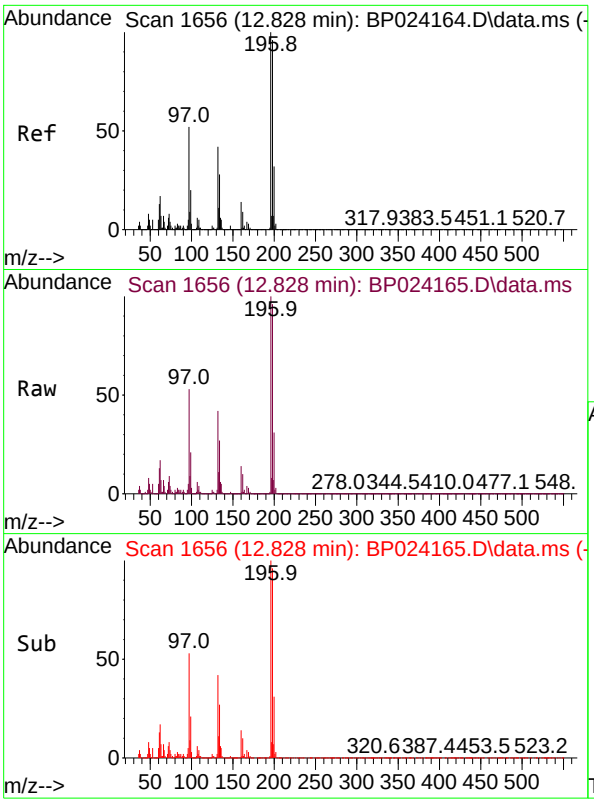


#42
2,4,6-Tribromophenol
Concen: 110.267 ng
RT: 15.928 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:330 Resp: 1240173

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	30.3	25.0	37.6



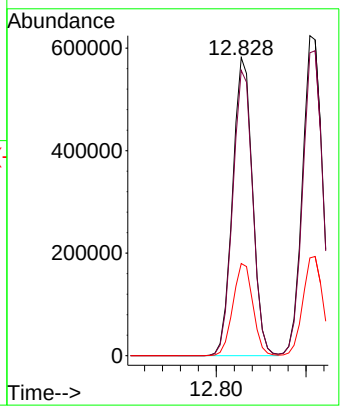


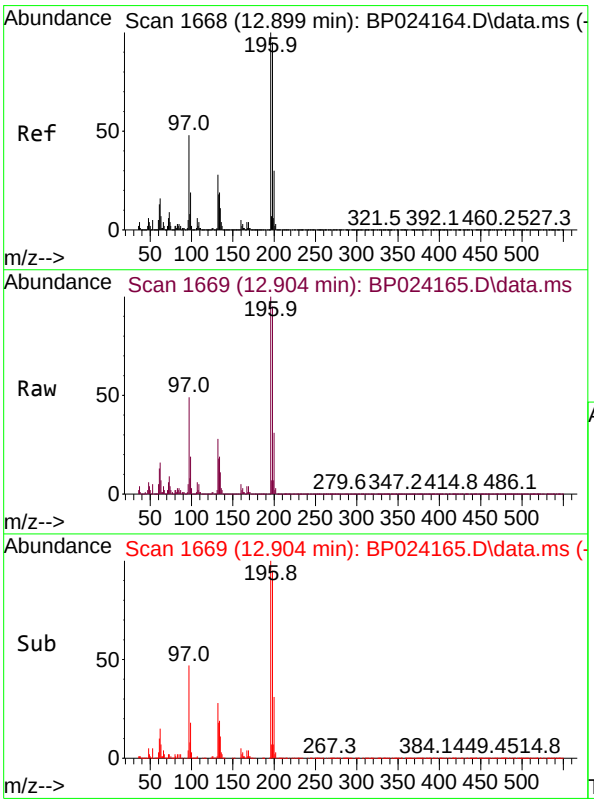
#43
2,4,6-Trichlorophenol
Concen: 52.112 ng
RT: 12.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 896606

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	115.0
200	30.9	25.4	38.0

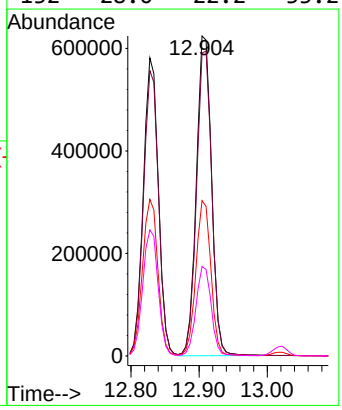


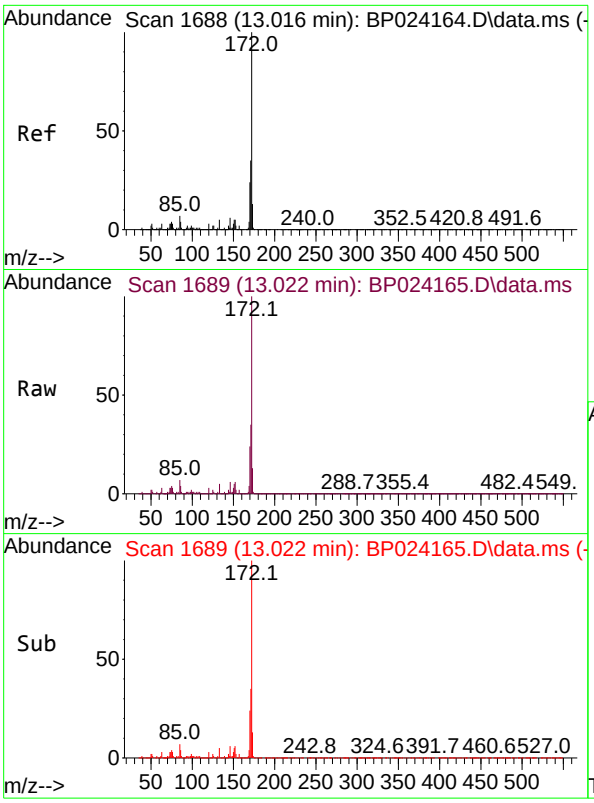


#44
2,4,5-Trichlorophenol
Concen: 51.517 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:196 Resp: 969372

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.5	114.7
97	48.5	38.7	58.1
132	28.0	22.2	33.2



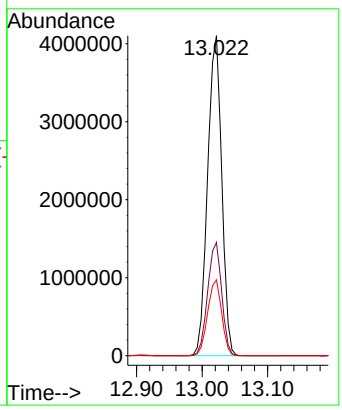


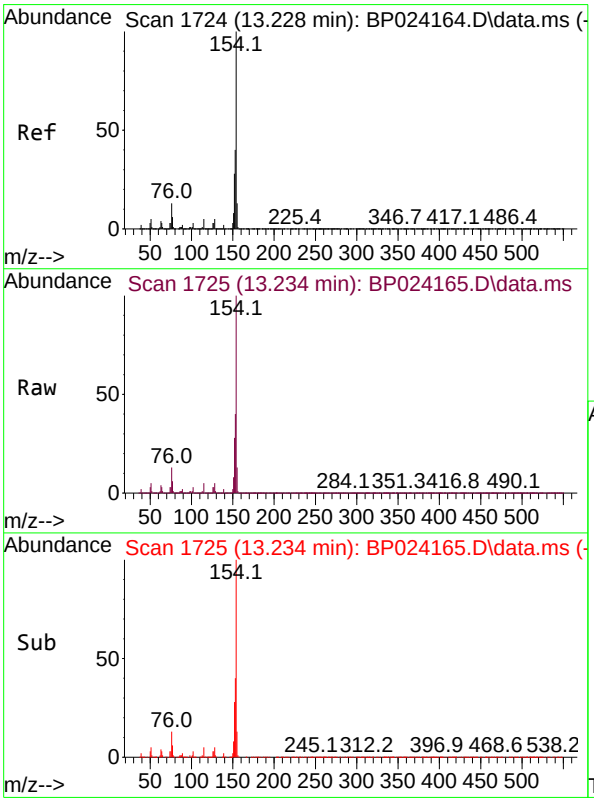
#45
2-Fluorobiphenyl
Concen: 93.318 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 6129086

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.7	19.0	28.4

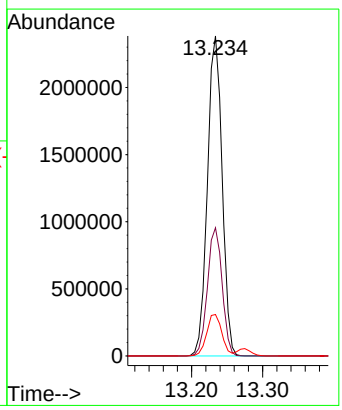


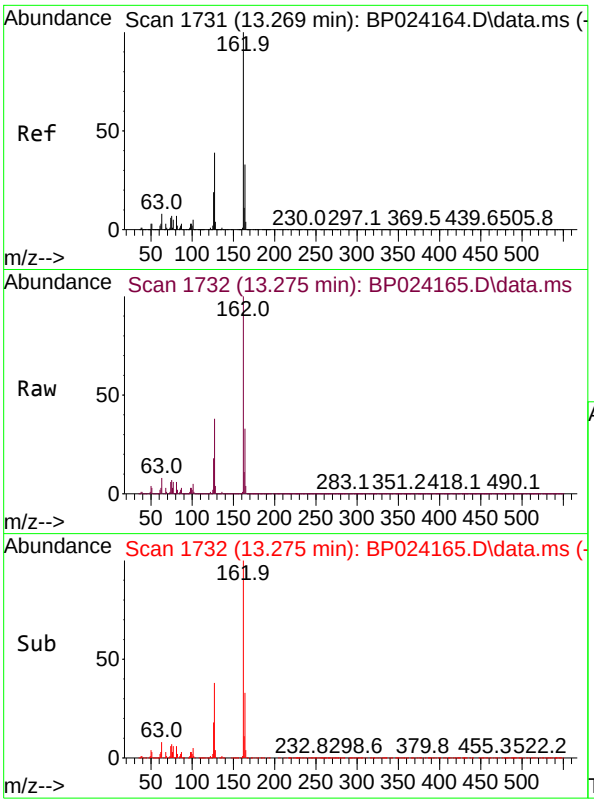


#46
1,1'-Biphenyl
Concen: 48.043 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:154 Resp: 3427883

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	12.9	0.0	32.9



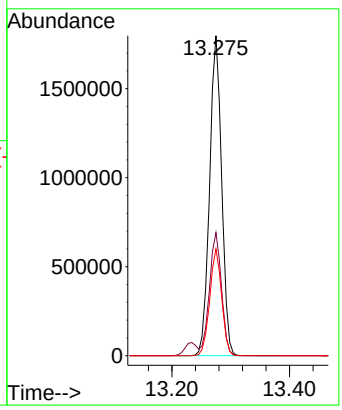


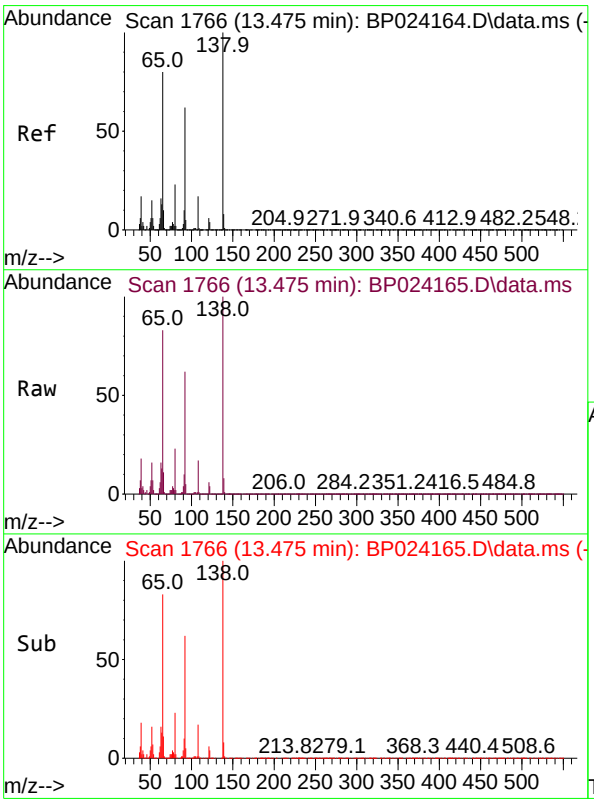
#47
2-Chloronaphthalene
Concen: 47.446 ng
RT: 13.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2559098

Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.5	47.3
164	33.3	26.6	39.8

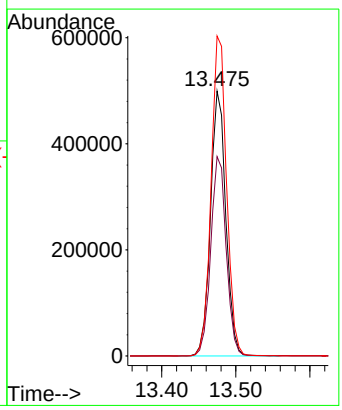


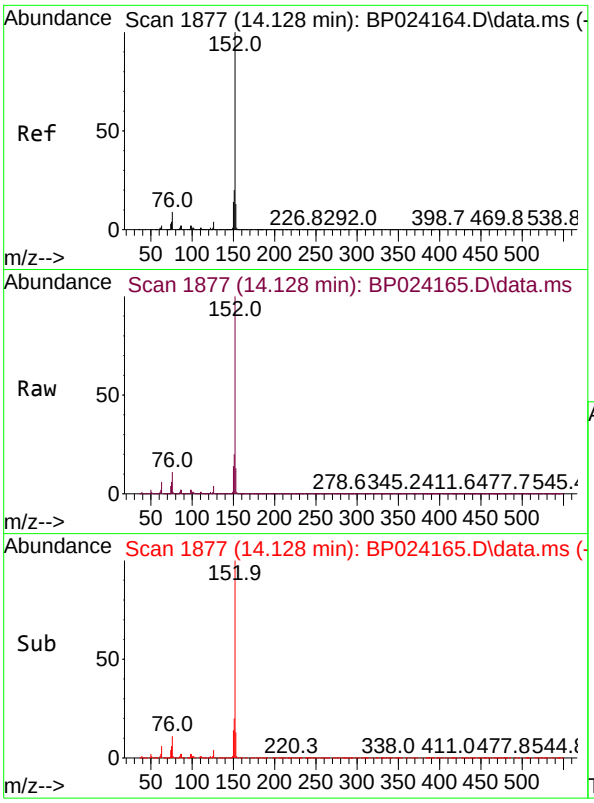


#48
2-Nitroaniline
Concen: 56.066 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 65 Resp: 714343

Ion	Ratio	Lower	Upper
65	100		
92	75.3	62.1	93.1
138	120.9	99.5	149.3



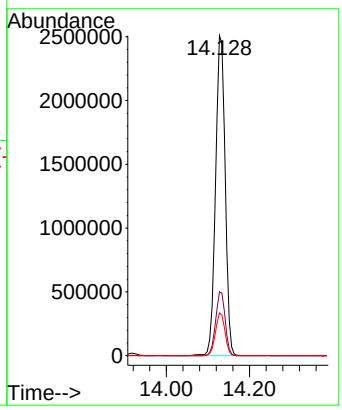


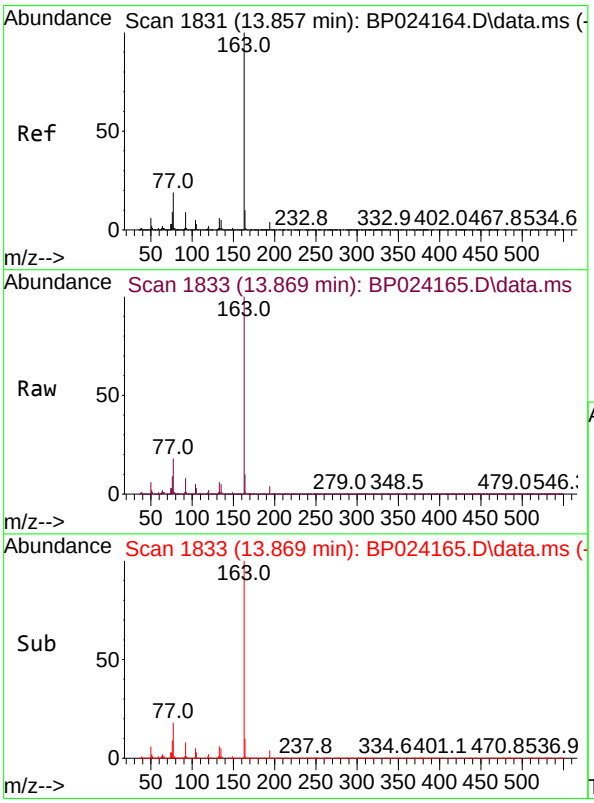
#49
Acenaphthylene
Concen: 50.533 ng
RT: 14.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 4015684

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.3	10.6	15.8

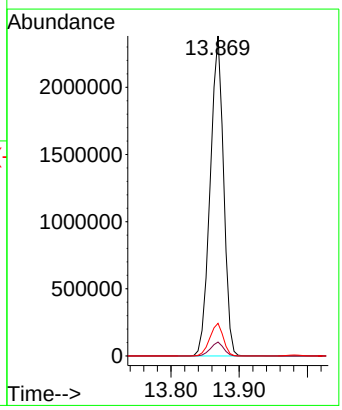


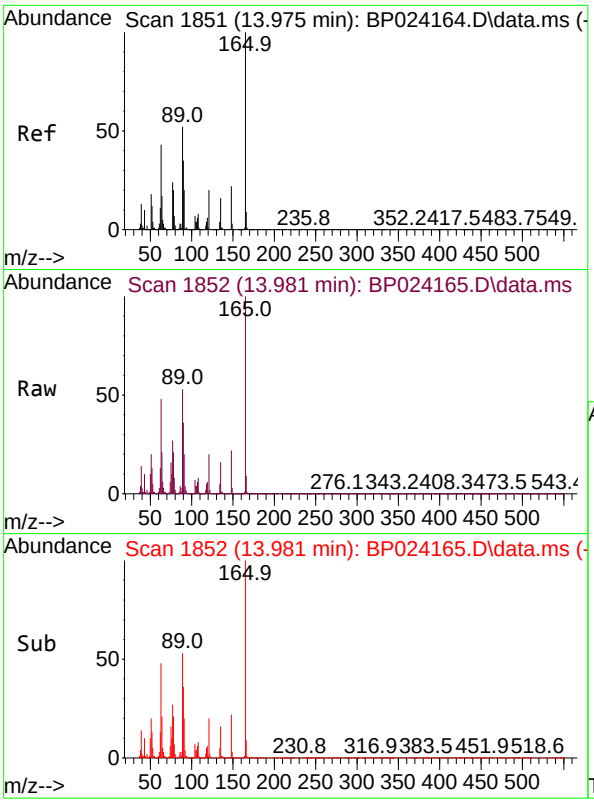


#50
Dimethylphthalate
Concen: 50.224 ng
RT: 13.869 min Scan# 1833
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:163 Resp: 3252950

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.2	12.4



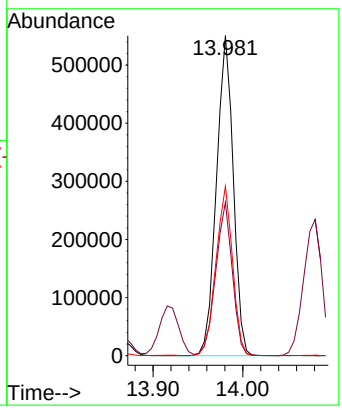


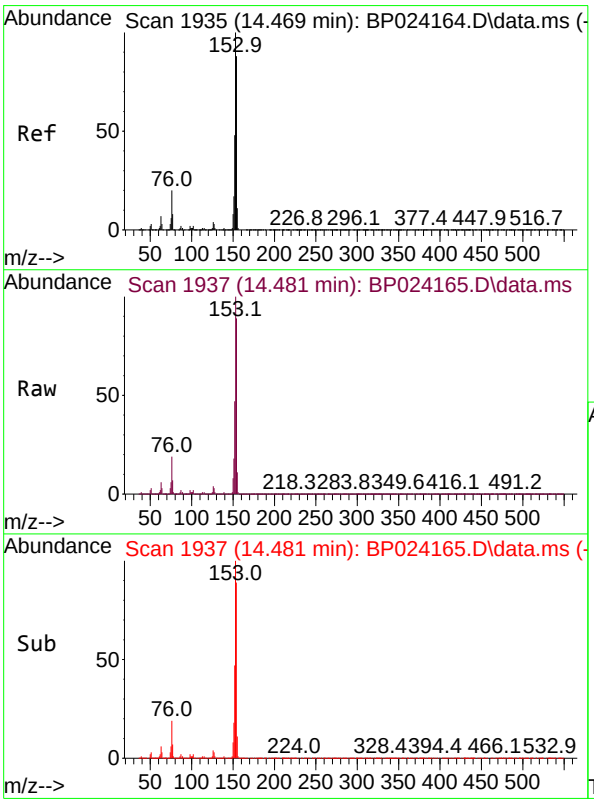
#51
2,6-Dinitrotoluene
Concen: 54.206 ng
RT: 13.981 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 715171

Ion	Ratio	Lower	Upper
165	100		
63	47.9	37.7	56.5
89	53.0	41.9	62.9

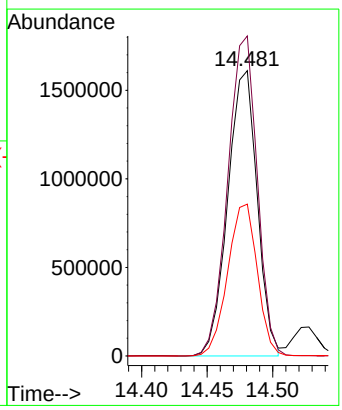


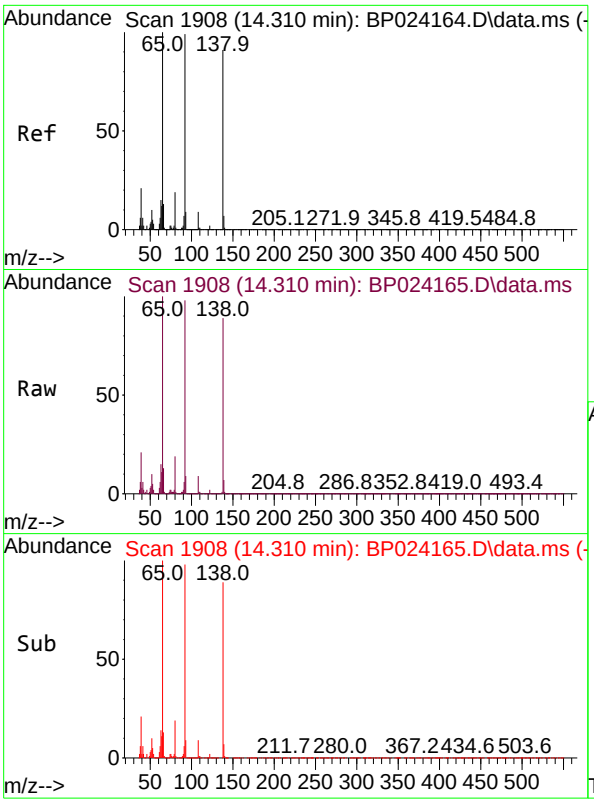


#52
Acenaphthene
Concen: 49.182 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:154 Resp: 2516832

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.5	135.7
152	53.2	43.1	64.7



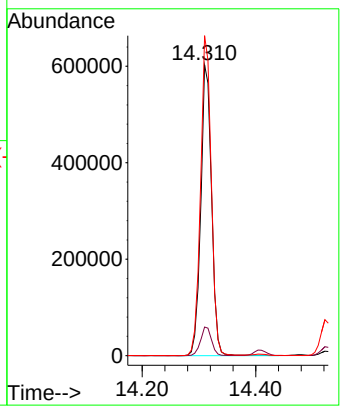


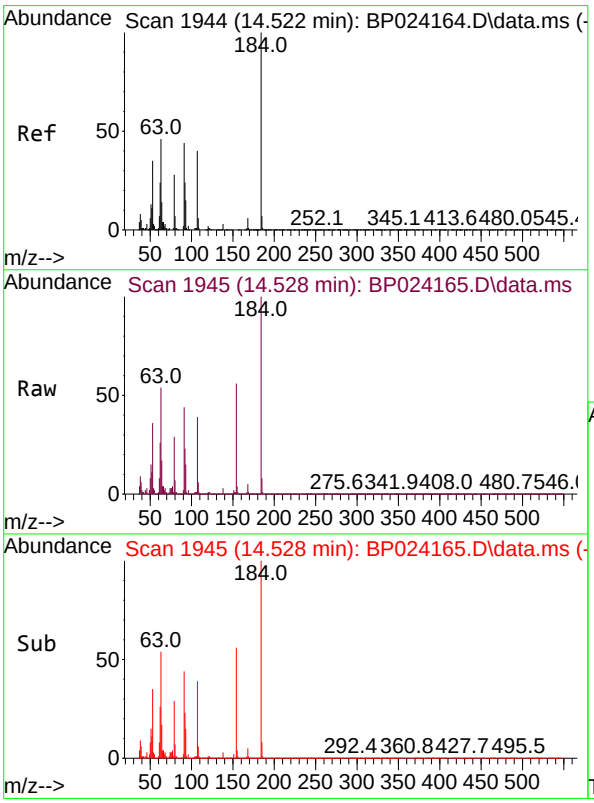
#53
3-Nitroaniline
Concen: 56.128 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 790217

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.2
92	110.1	86.7	130.1

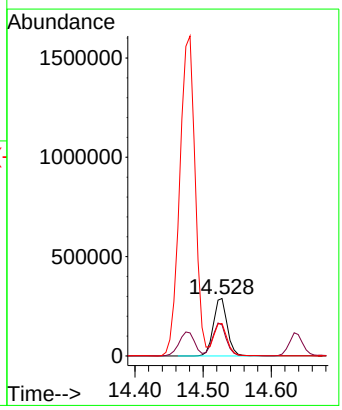


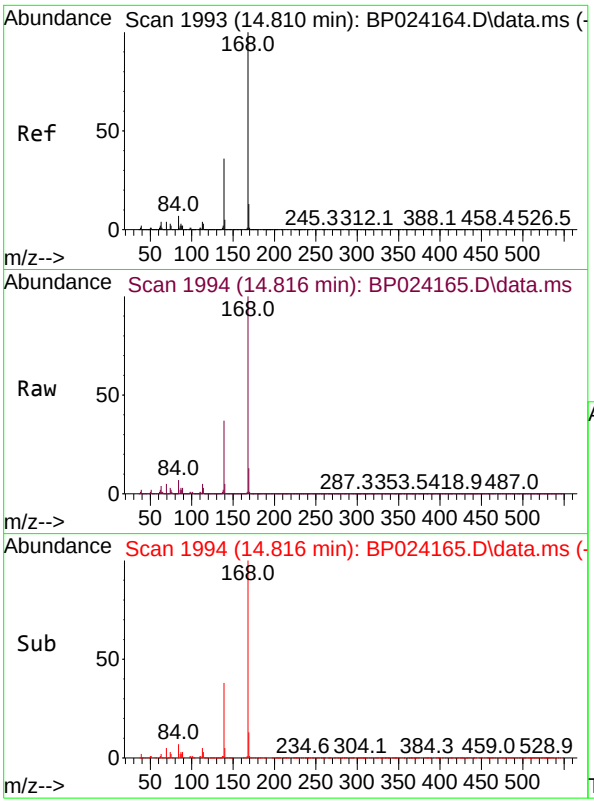


#54
2,4-Dinitrophenol
Concen: 58.439 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:184 Resp: 410616

Ion	Ratio	Lower	Upper
184	100		
63	53.9	42.1	63.1
154	56.4	44.6	67.0





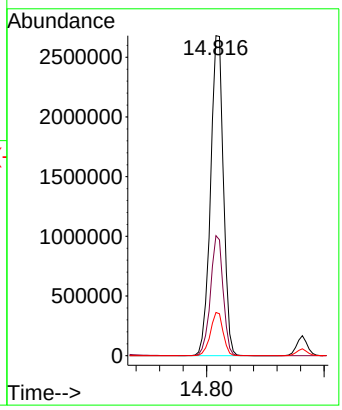
#55
Dibenzofuran
Concen: 48.816 ng
RT: 14.816 min Scan# 1

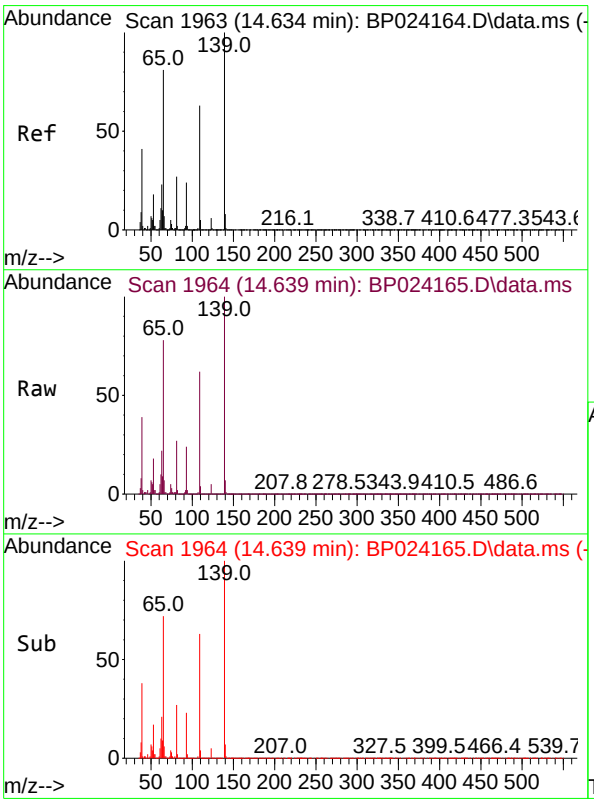
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:168 Resp: 4058172

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.1	43.7
169	13.5	10.8	16.2

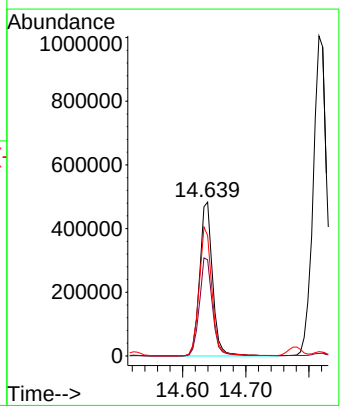


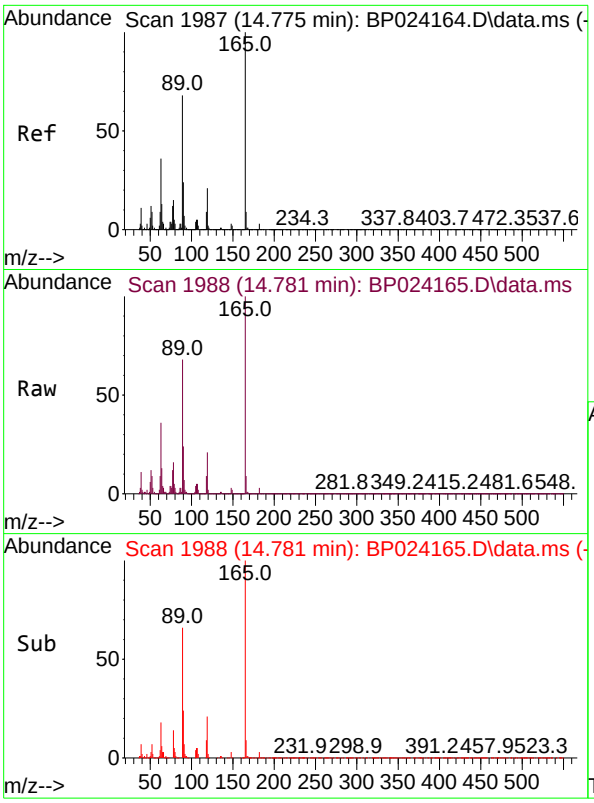


#56
4-Nitrophenol
Concen: 56.382 ng
RT: 14.639 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:139 Resp: 685687

Ion	Ratio	Lower	Upper
139	100		
109	62.5	43.3	83.3
65	78.1	61.2	101.2



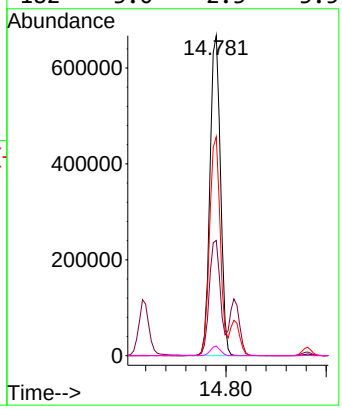


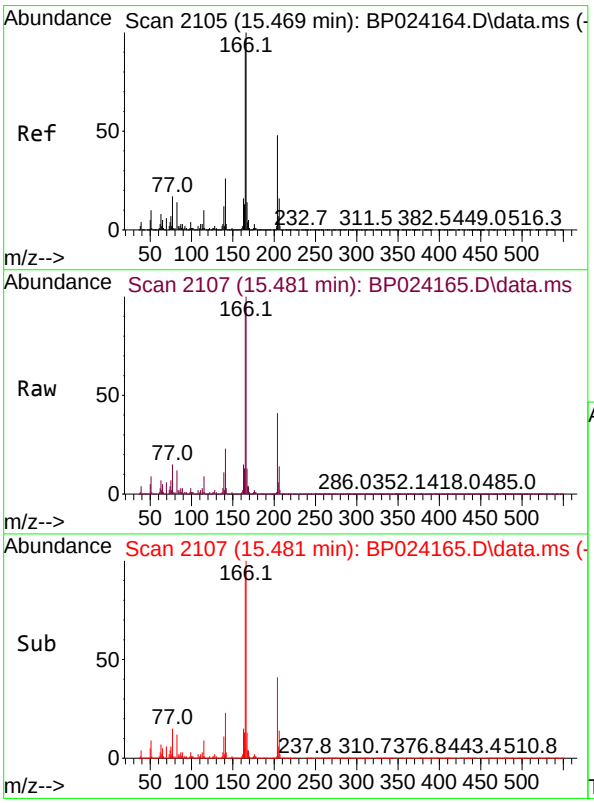
#57
2,4-Dinitrotoluene
Concen: 56.659 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 971087

Ion	Ratio	Lower	Upper
165	100		
63	36.0	29.0	43.6
89	68.4	54.2	81.4
182	3.0	2.3	3.5

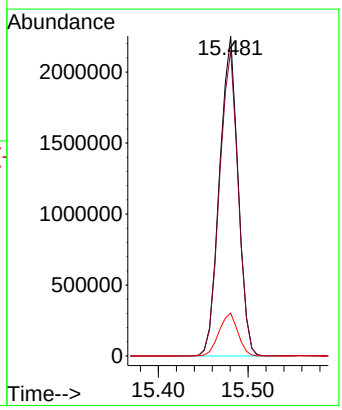


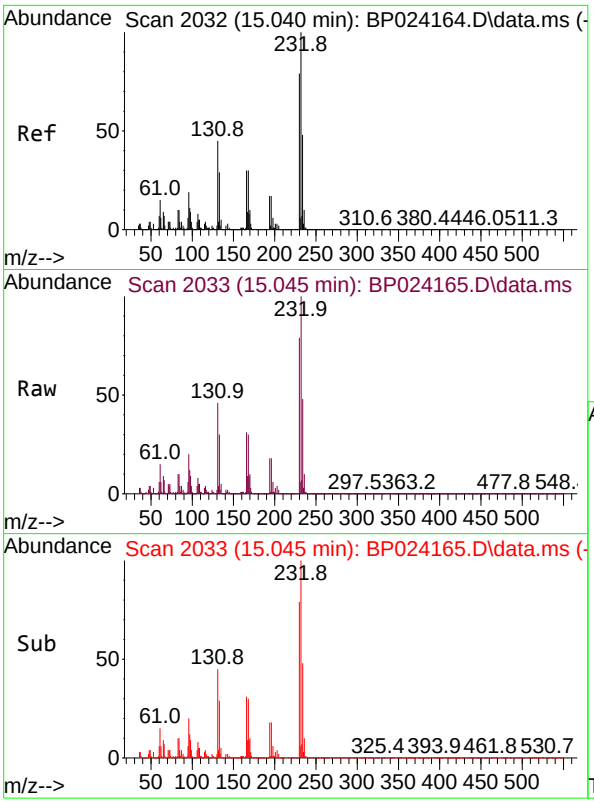


#58
Fluorene
Concen: 49.759 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:166 Resp: 3230571

Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.6	116.4
167	13.4	10.8	16.2



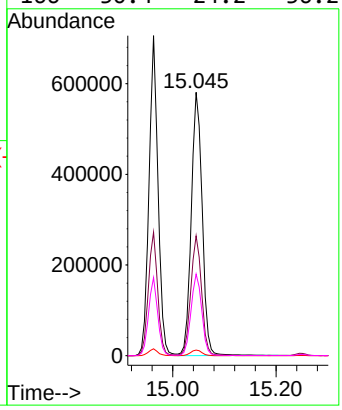


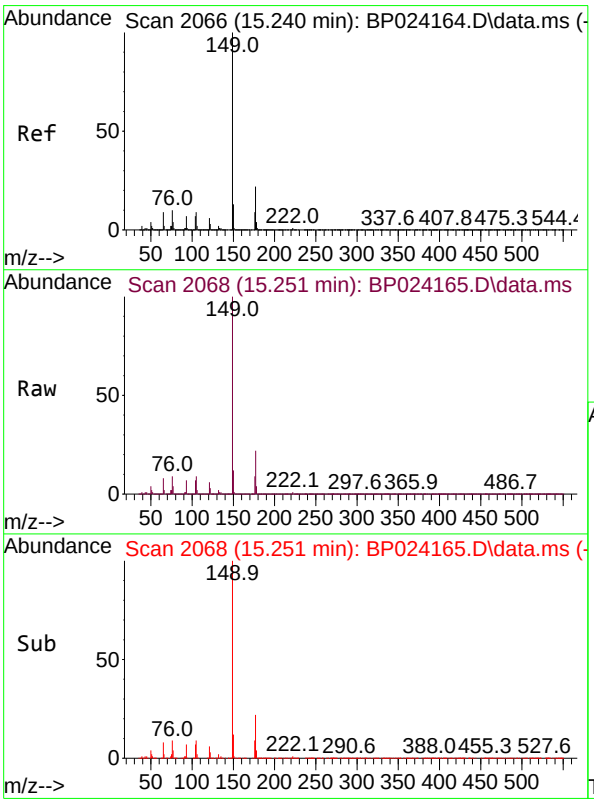
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.152 ng
RT: 15.045 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 851401

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.2	1.8	2.6
166	30.4	24.2	36.2

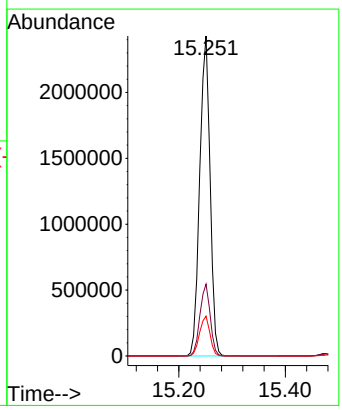


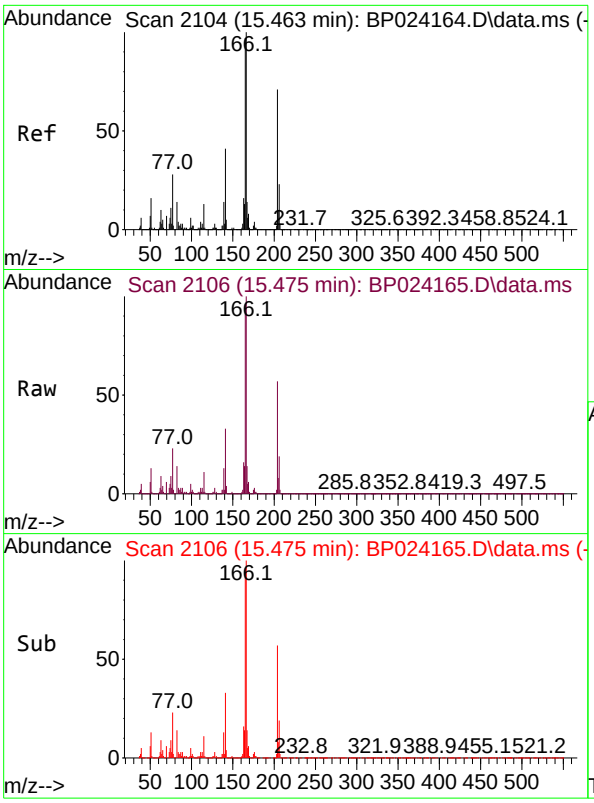


#60
Diethylphthalate
Concen: 50.786 ng
RT: 15.251 min Scan# 2068
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 3265289

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.5	10.2	15.4



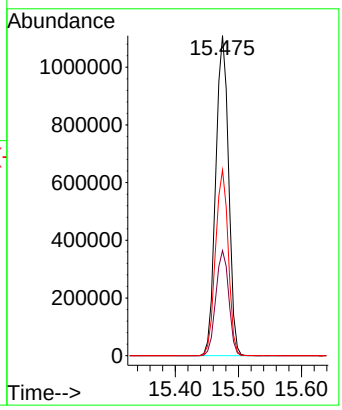


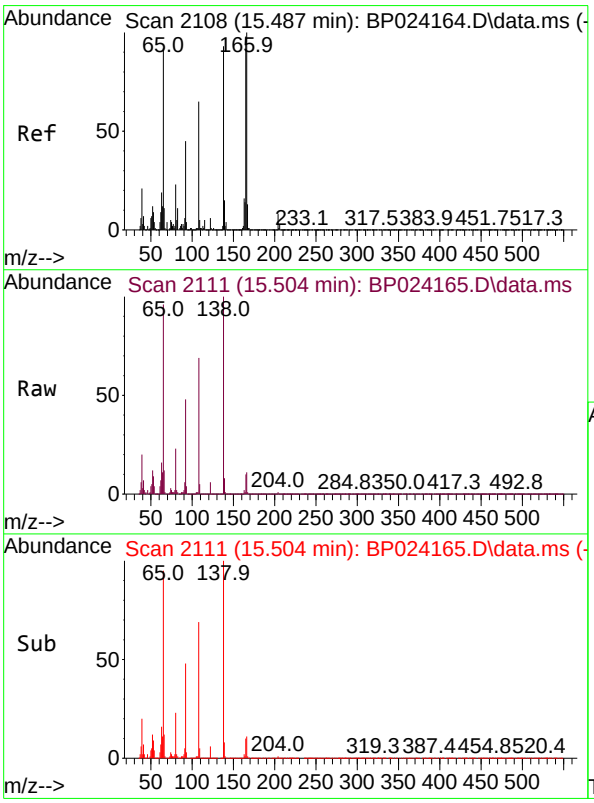
#61
4-Chlorophenyl-phenylether
Concen: 49.216 ng
RT: 15.475 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1572773

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	58.0	45.8	68.8

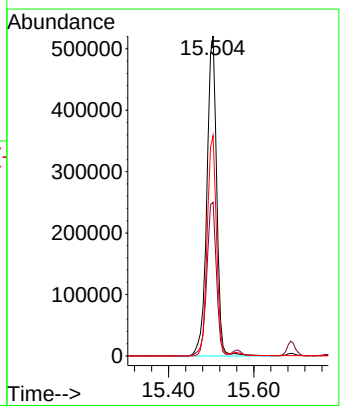


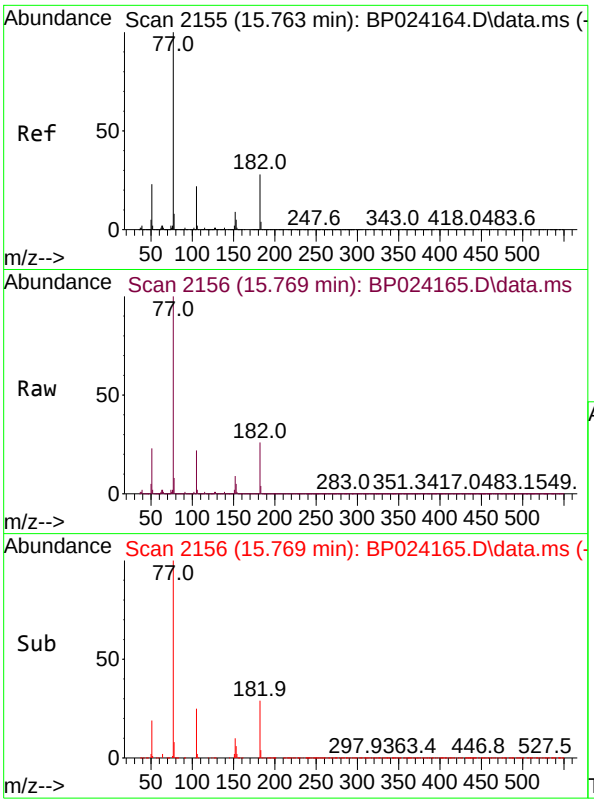


#62
4-Nitroaniline
Concen: 56.889 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:138 Resp: 831169

Ion	Ratio	Lower	Upper
138	100		
92	48.1	28.7	68.7
108	68.9	49.5	89.5



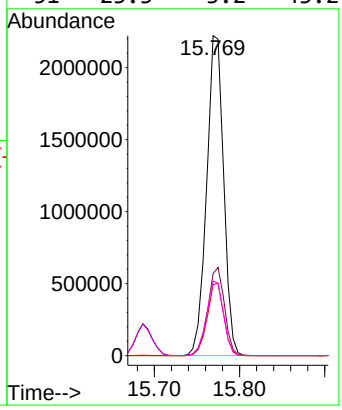


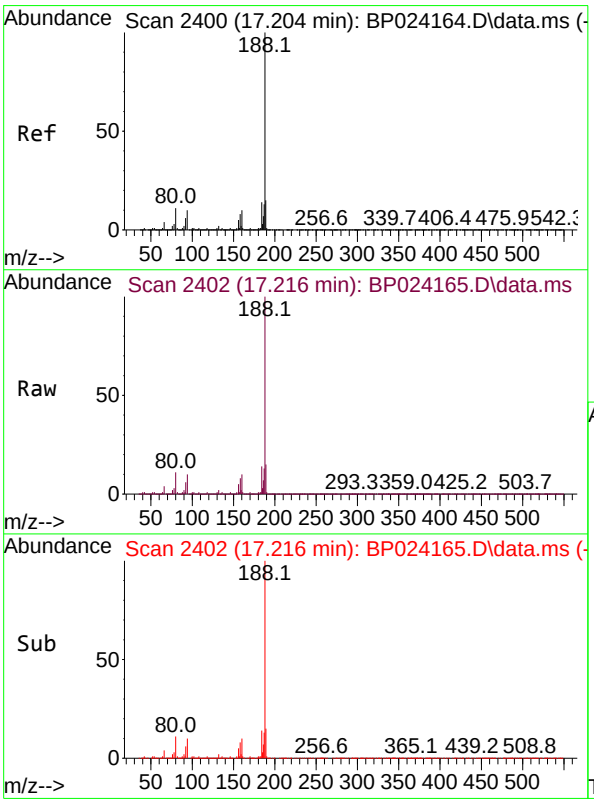
#63
Azobenzene
Concen: 51.085 ng
RT: 15.769 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 3077821

Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.7	47.7
105	22.2	2.3	42.3
51	23.3	3.2	43.2

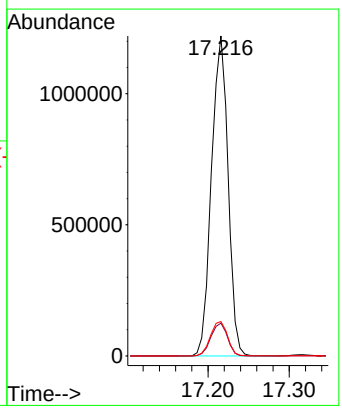


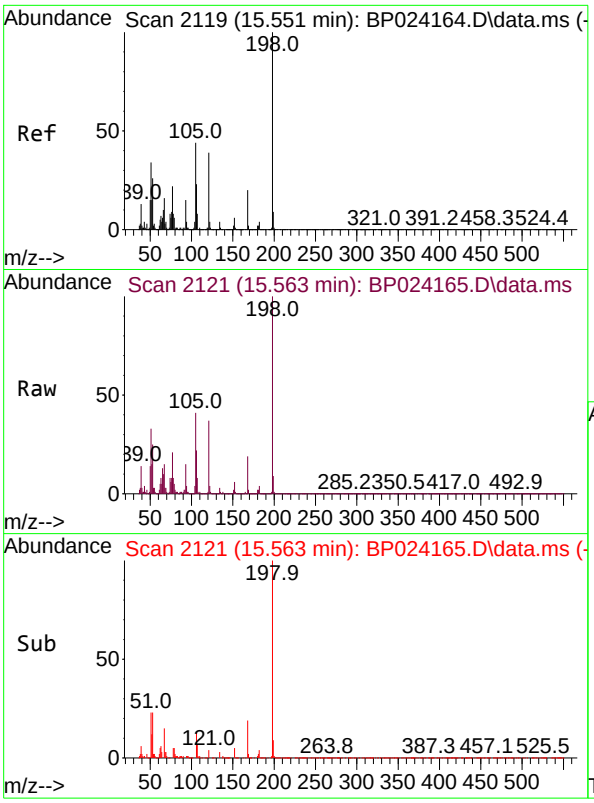


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:188 Resp: 1730200

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	10.8	8.9	13.3



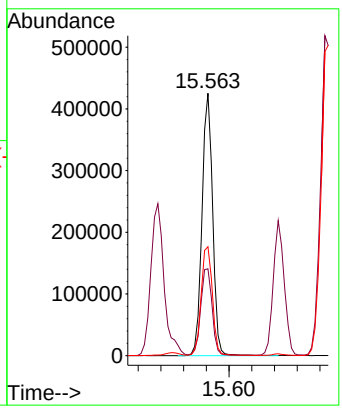


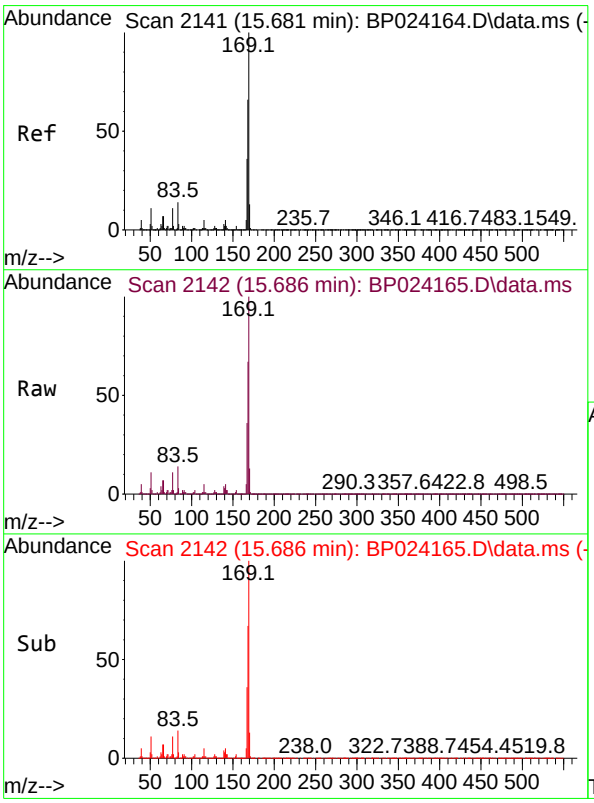
#65
4,6-Dinitro-2-methylphenol
Concen: 55.051 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 551280

Ion	Ratio	Lower	Upper
198	100		
51	33.1	14.7	54.7
105	41.5	23.8	63.8

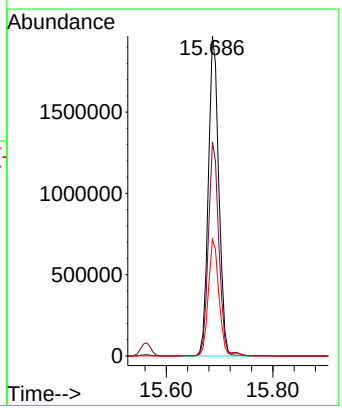


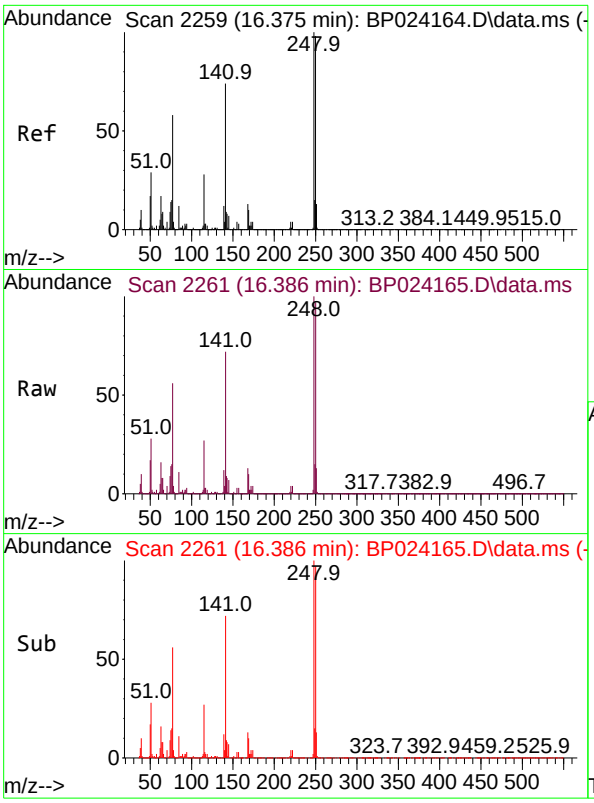


#66
n-Nitrosodiphenylamine
Concen: 49.497 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:169 Resp: 2670636

Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.9	79.3
167	36.4	28.8	43.2



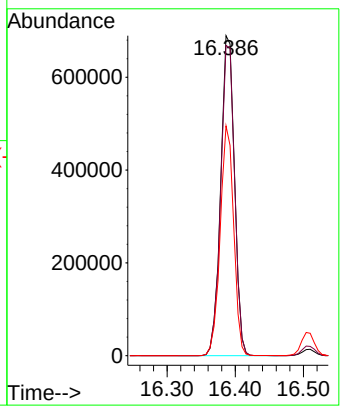


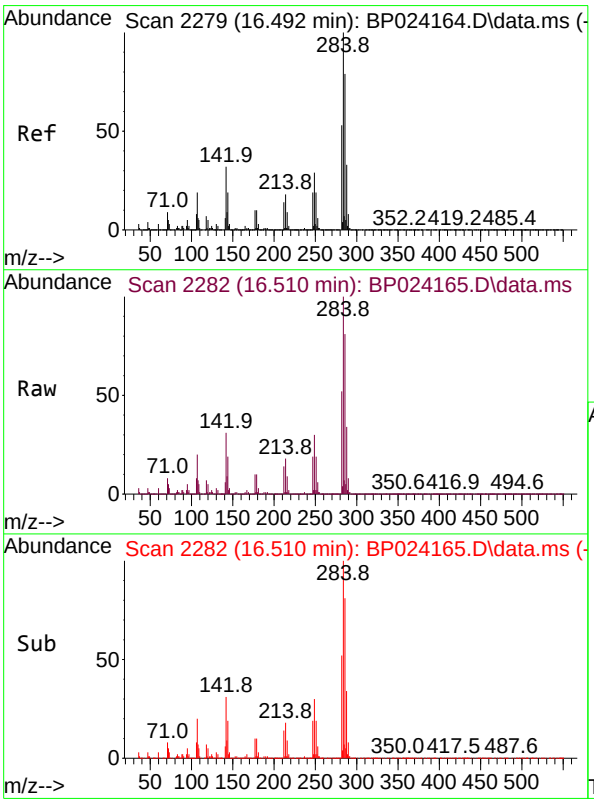
#67
4-Bromophenyl-phenylether
Concen: 49.858 ng
RT: 16.386 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 968698

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.4	117.6
141	71.8	59.4	89.0

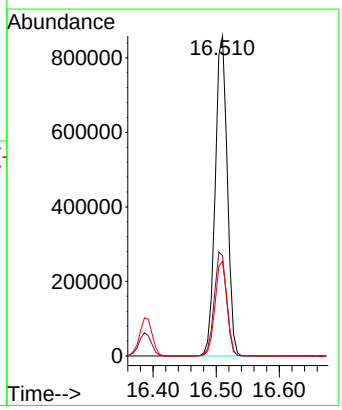


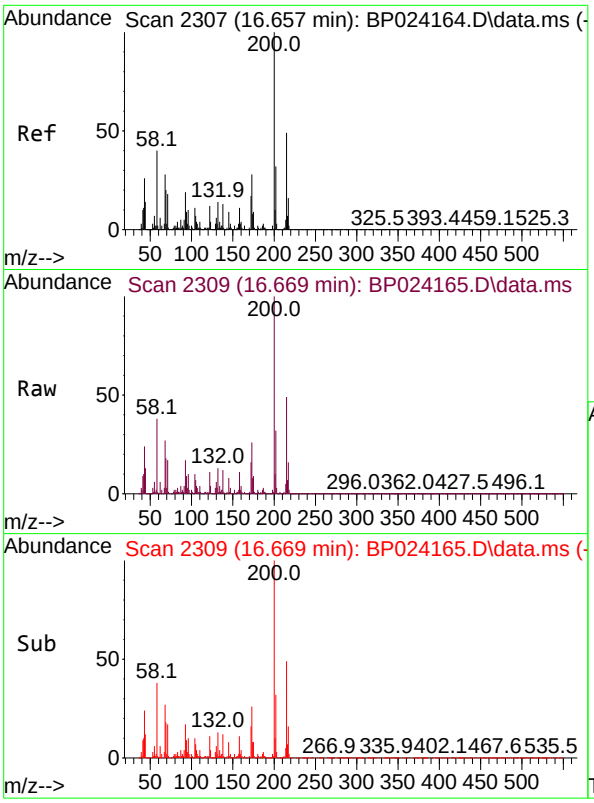


#68
Hexachlorobenzene
Concen: 49.709 ng
RT: 16.510 min Scan# 2282
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:284 Resp: 1136445

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.4	38.2
249	29.6	23.5	35.3



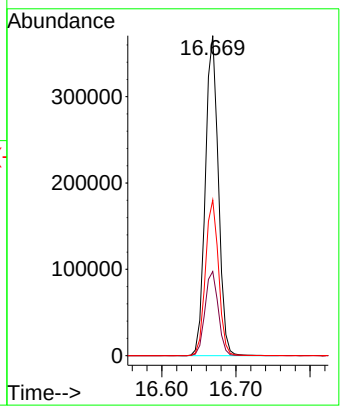


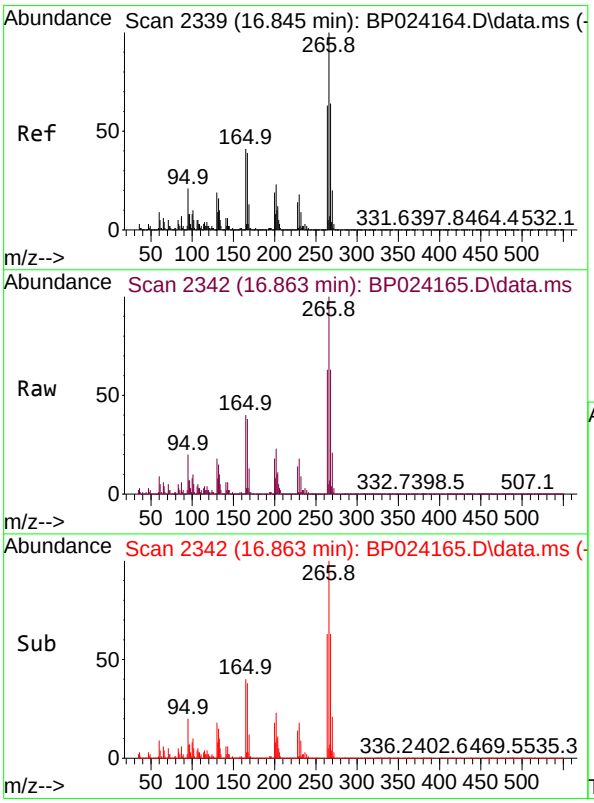
#69
Atrazine
Concen: 32.672 ng
RT: 16.669 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 452391

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.6	47.6
215	48.6	29.0	69.0

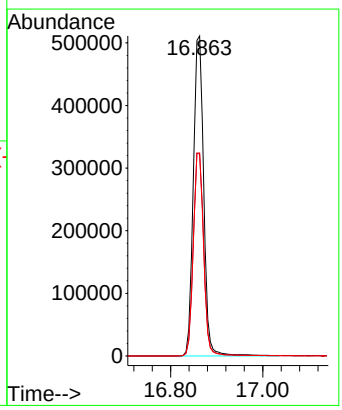


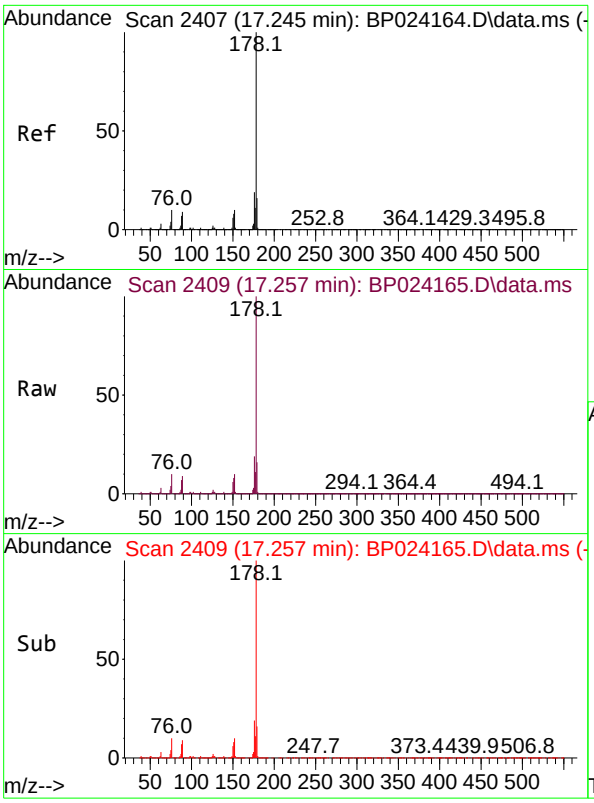


#70
Pentachlorophenol
Concen: 53.644 ng
RT: 16.863 min Scan# 2342
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:266 Resp: 796545

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.3	76.9
264	63.4	50.6	76.0



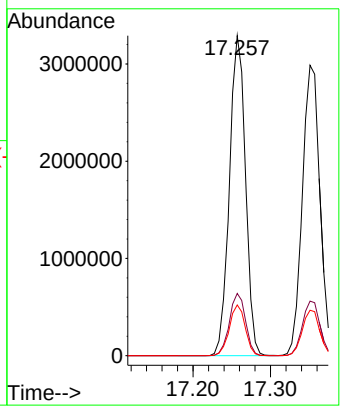


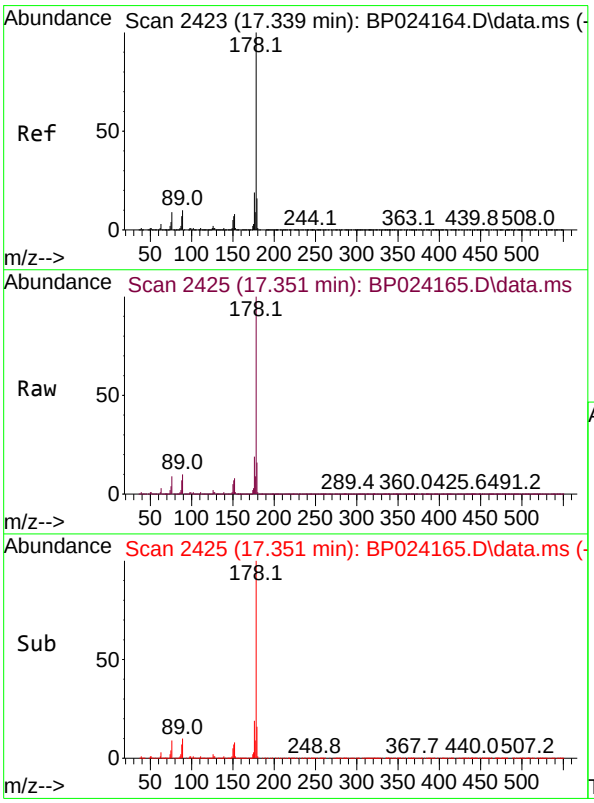
#71
Phenanthrene
Concen: 48.797 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 4759945

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.8	12.5	18.7

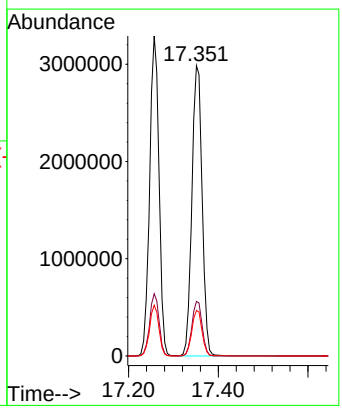


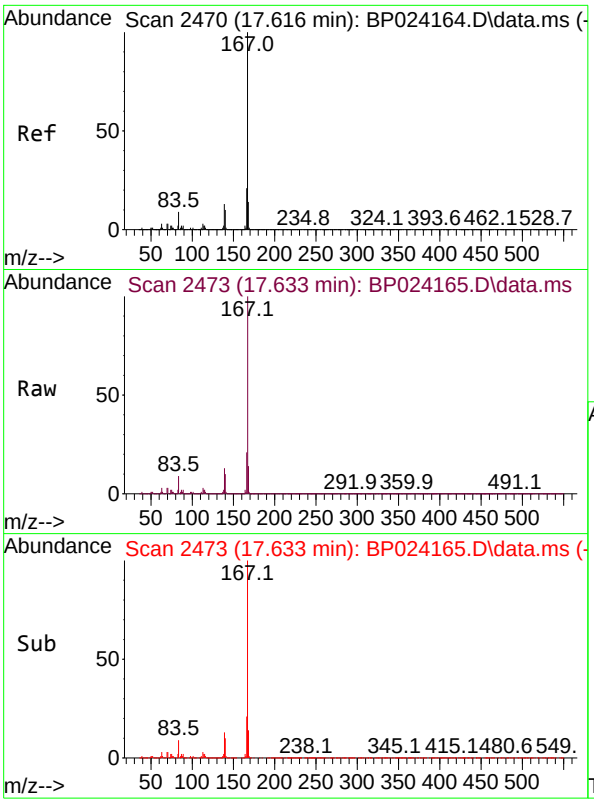


#72
Anthracene
Concen: 50.526 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:178 Resp: 4723119

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.6	12.6	18.8



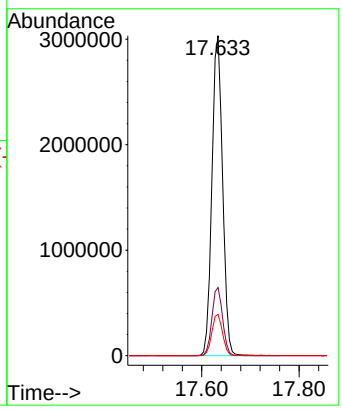


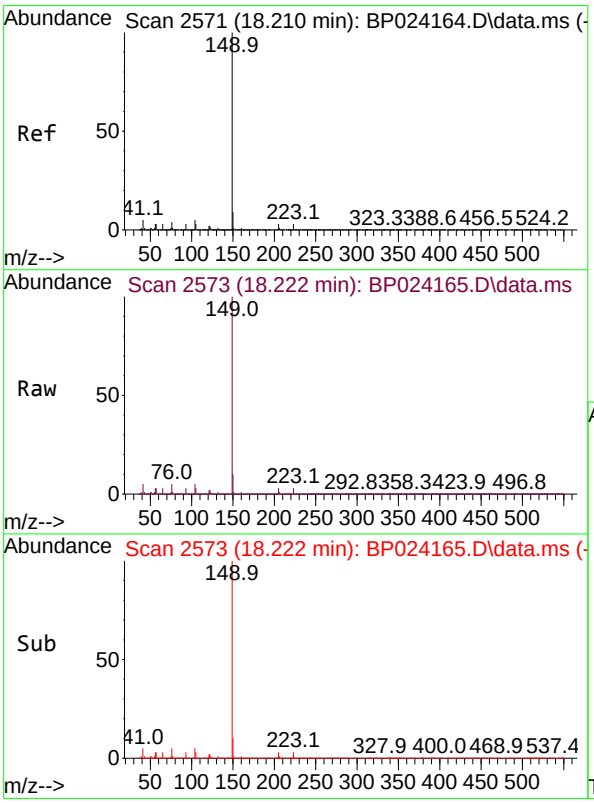
#73
Carbazole
Concen: 51.485 ng
RT: 17.633 min Scan# 24
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 4585466

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.9	10.2	15.4

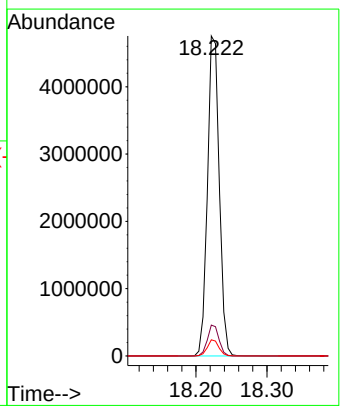


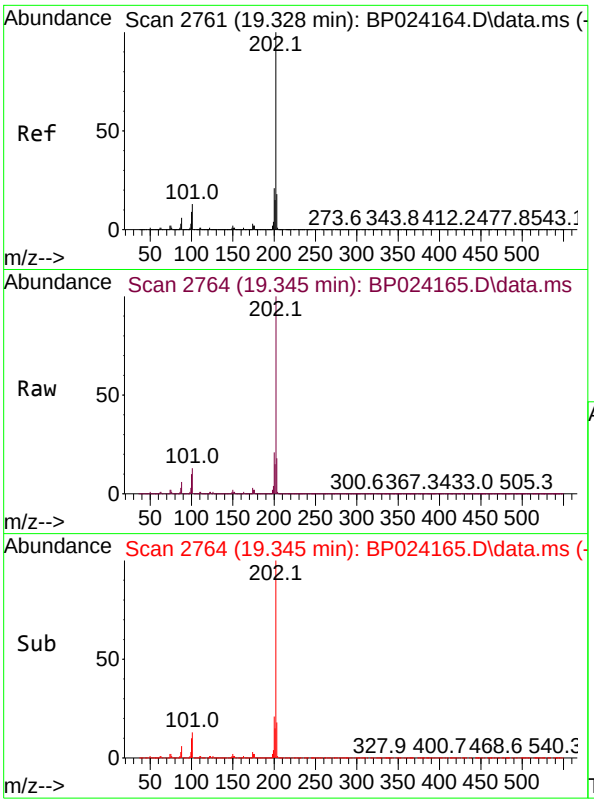


#74
Di-n-butylphthalate
Concen: 52.951 ng
RT: 18.222 min Scan# 2573
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 5502824

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.0	3.9	5.9



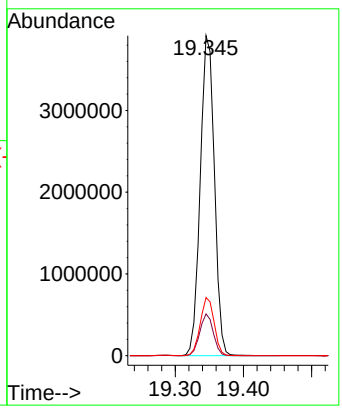


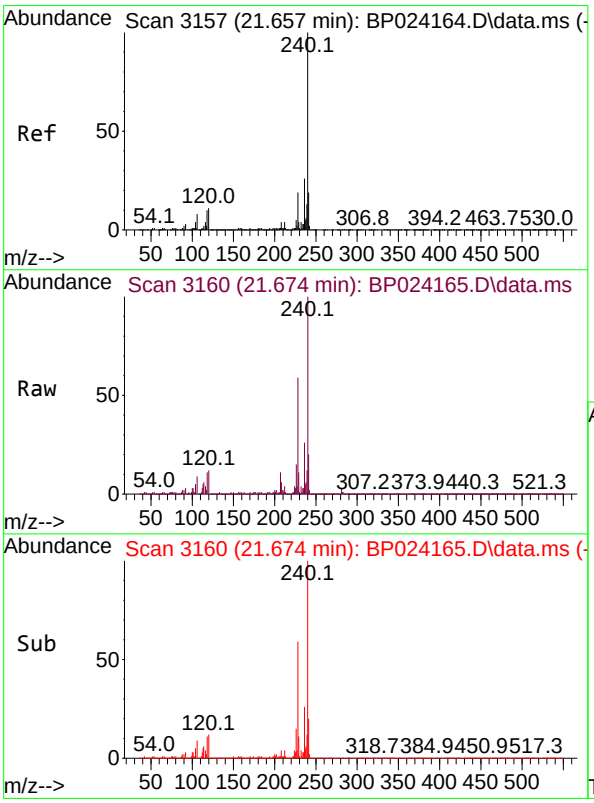
#75
Fluoranthene
Concen: 51.163 ng
RT: 19.345 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 5644914

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.5
203	18.2	0.0	37.9

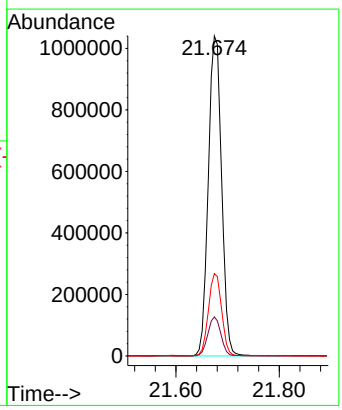


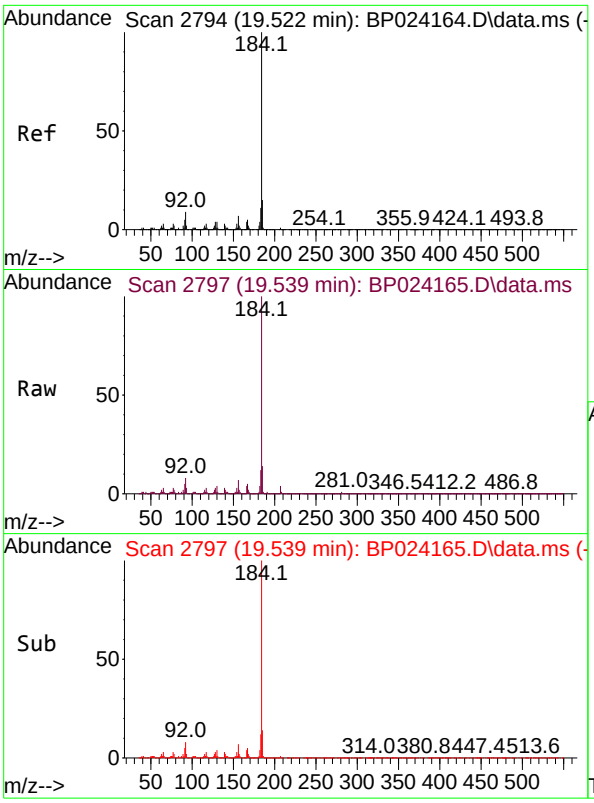


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.674 min Scan# 3160
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:240 Resp: 1856010

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.7	20.4	30.6



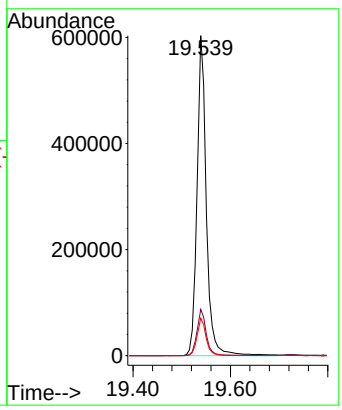


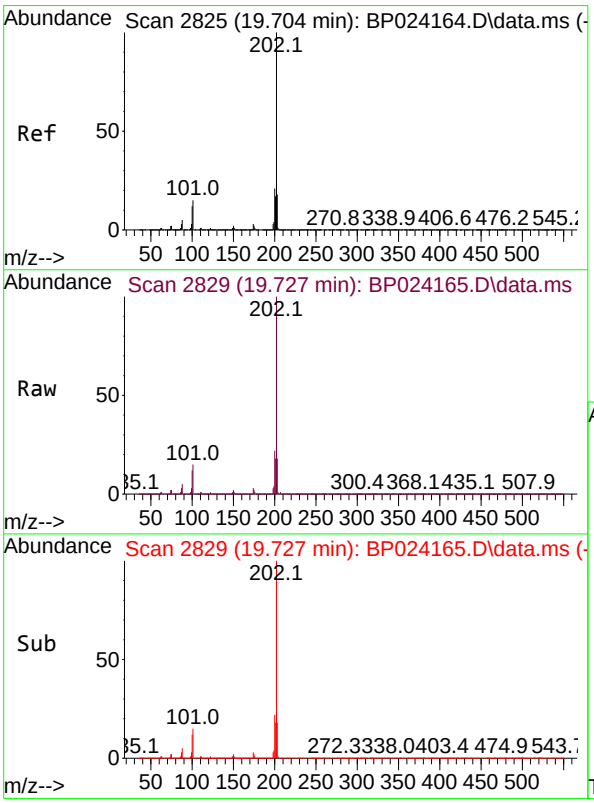
#77
Benzidine
Concen: 35.585 ng
RT: 19.539 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 804810

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	11.7	9.1	13.7

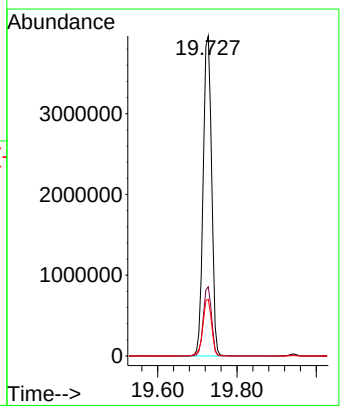


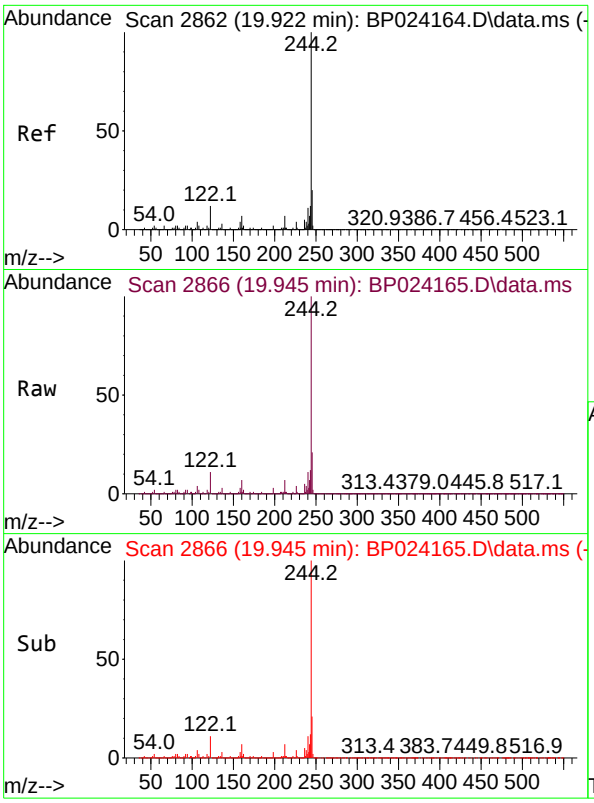


#78
Pyrene
Concen: 49.843 ng
RT: 19.727 min Scan# 2829
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:202 Resp: 5876091

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.7	14.2	21.4



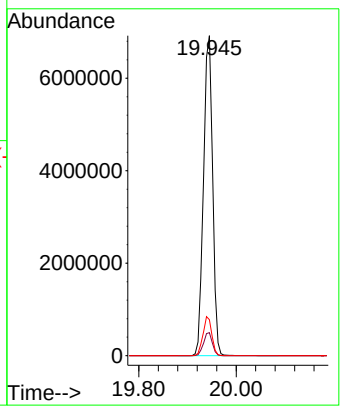


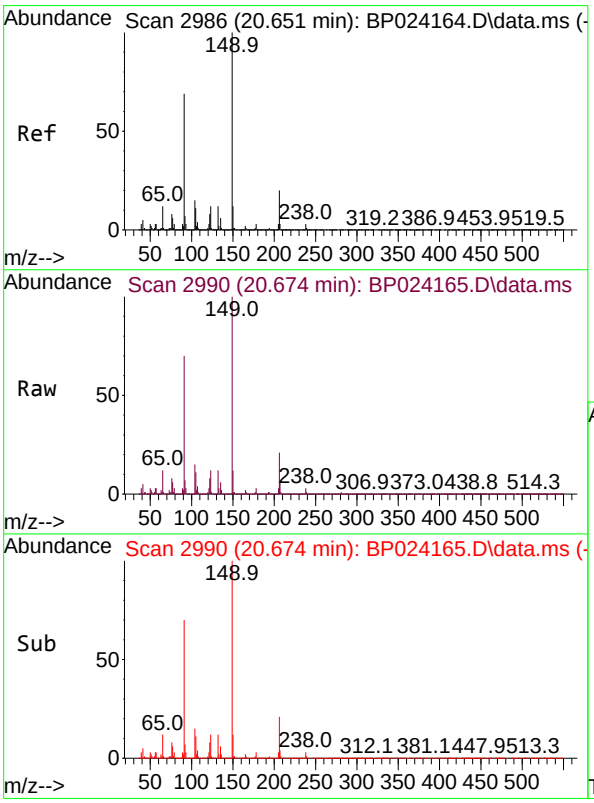
#79
Terphenyl-d14
Concen: 95.606 ng
RT: 19.945 min Scan# 2
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 8967575

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.3	9.6	14.4

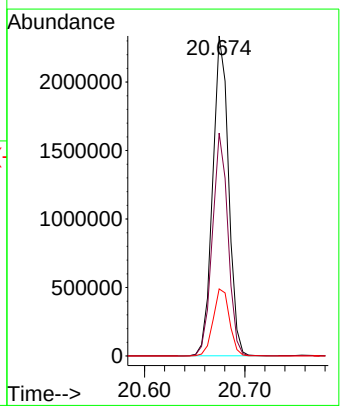


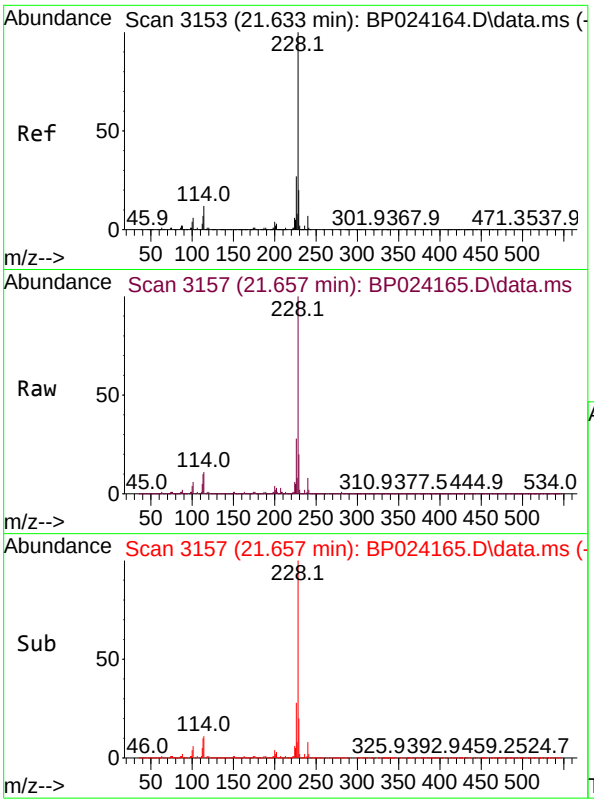


#80
Butylbenzylphthalate
Concen: 56.920 ng
RT: 20.674 min Scan# 2990
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 2571381

Ion	Ratio	Lower	Upper
149	100		
91	69.7	55.3	82.9
206	20.9	16.1	24.1



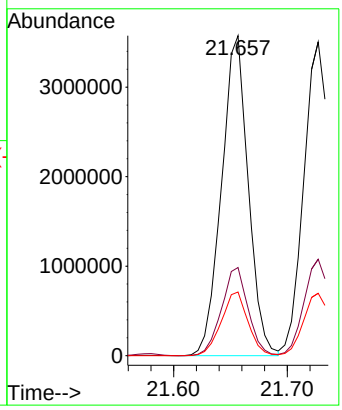


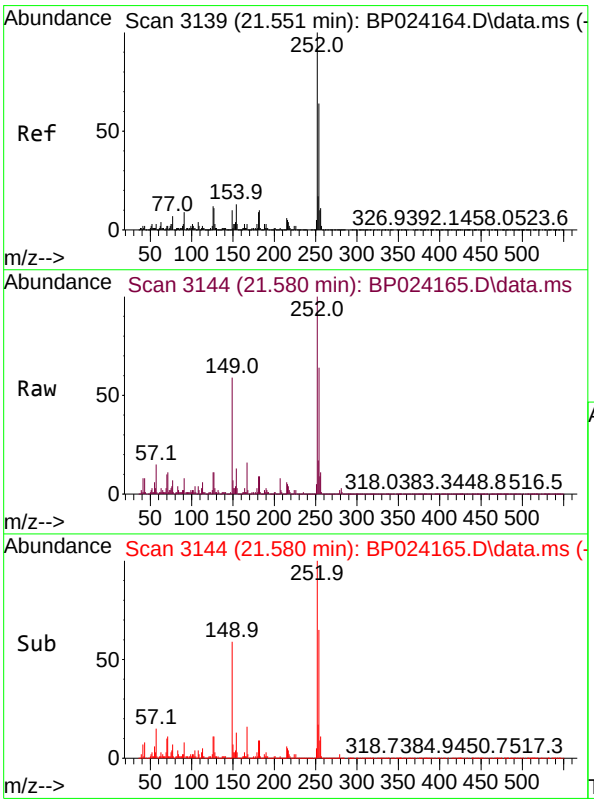
#81
Benzo(a)anthracene
Concen: 50.277 ng
RT: 21.657 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5851357

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	19.9	16.0	24.0

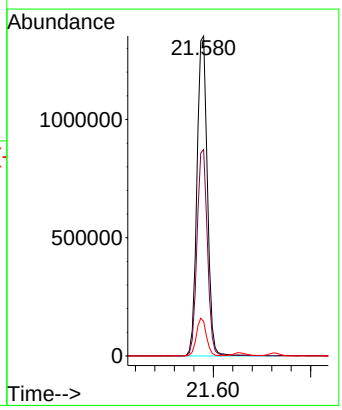


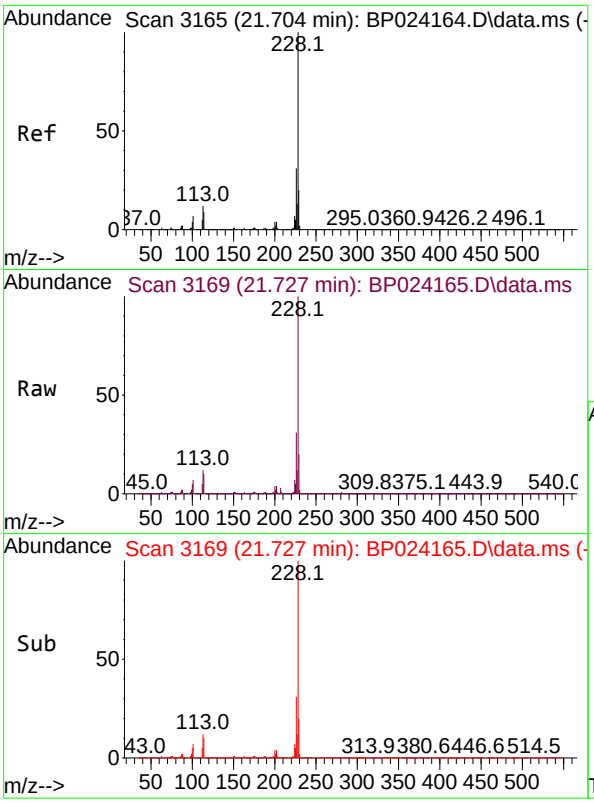


#82
3,3'-Dichlorobenzidine
Concen: 55.414 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:252 Resp: 2015249

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	10.8	9.3	13.9



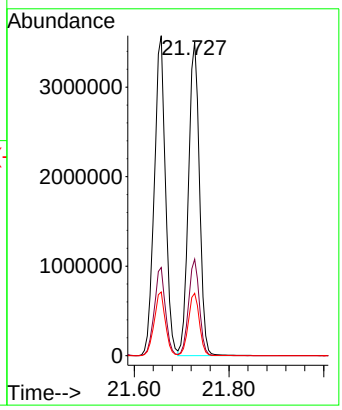


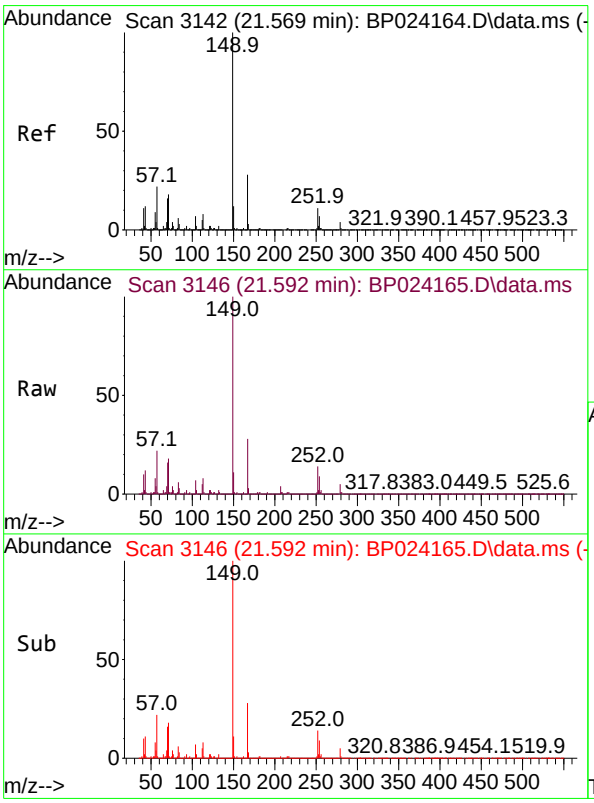
#83
Chrysene
Concen: 50.126 ng
RT: 21.727 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5625314

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	19.9	16.2	24.2

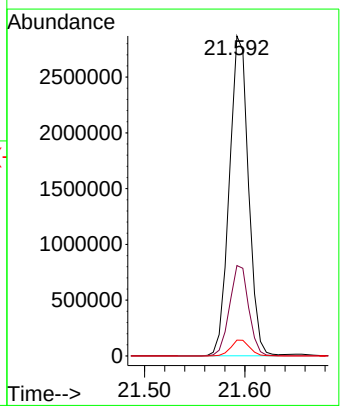


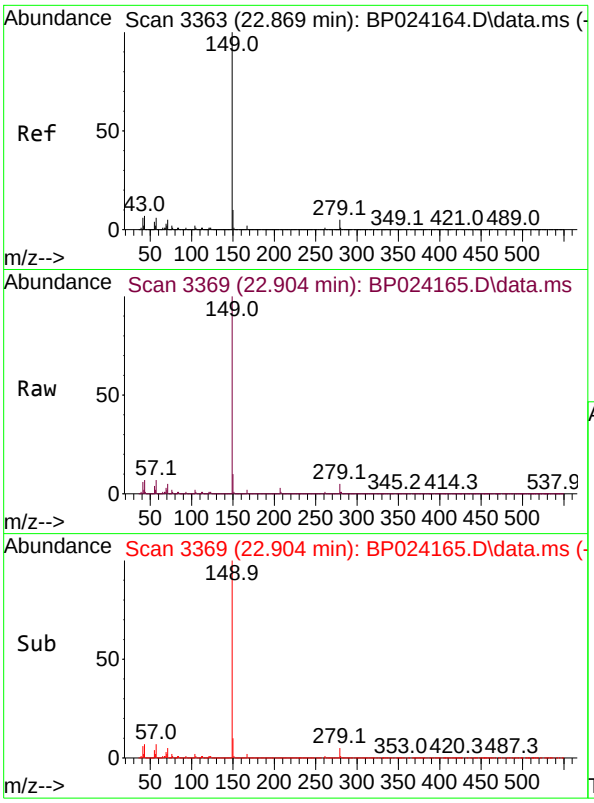


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.499 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 3802016

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	4.9	3.6	5.4



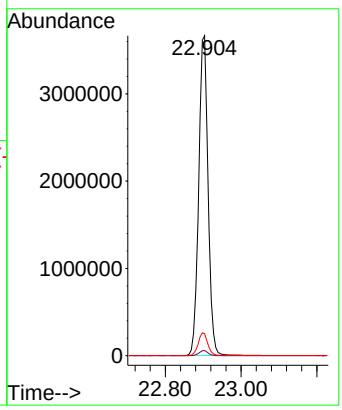


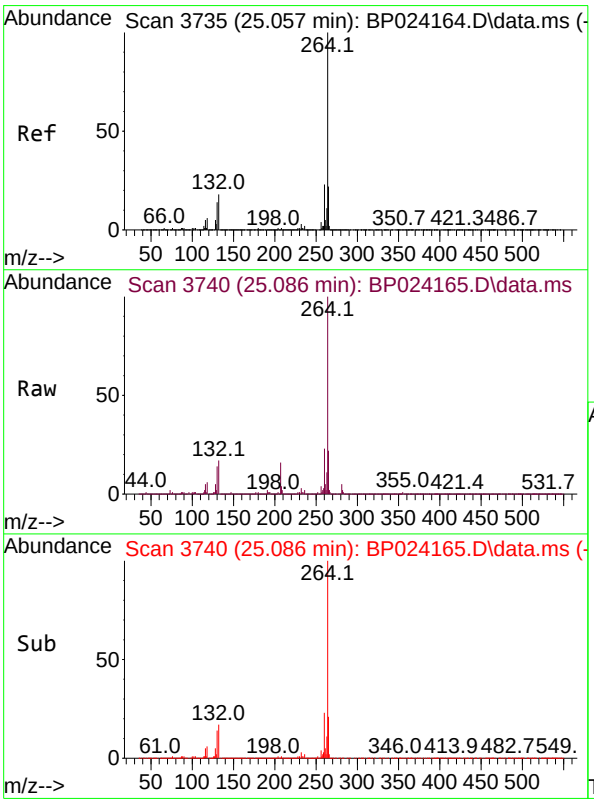
#85
Di-n-octyl phthalate
Concen: 57.516 ng
RT: 22.904 min Scan# 3
Delta R.T. 0.035 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 6298049

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8

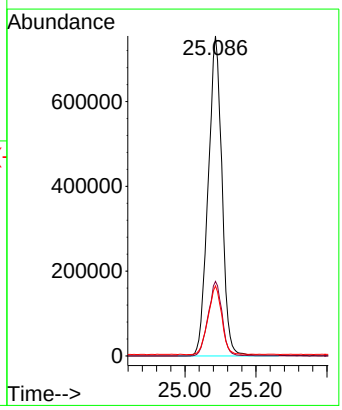


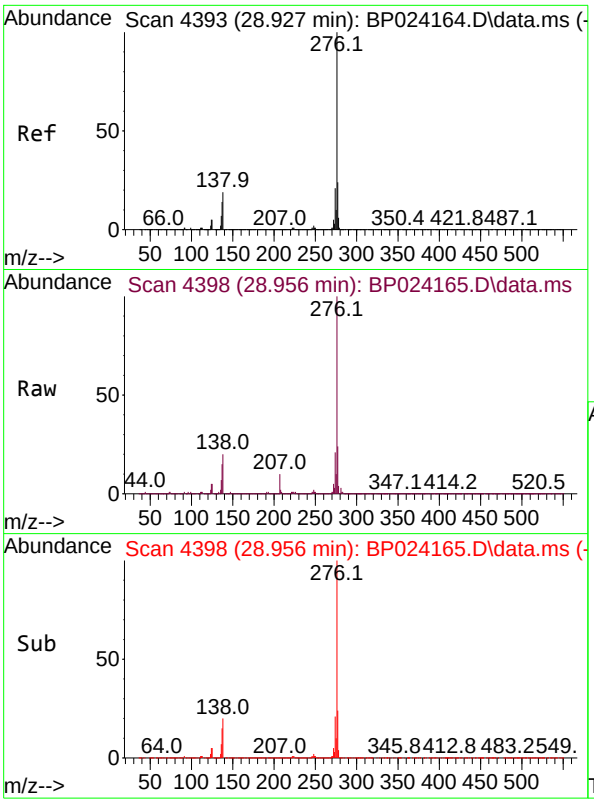


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.086 min Scan# 3740
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:264 Resp: 2039908

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.9	17.7	26.5



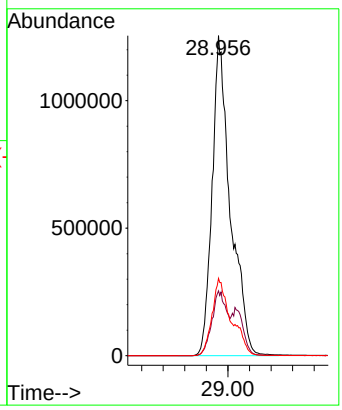


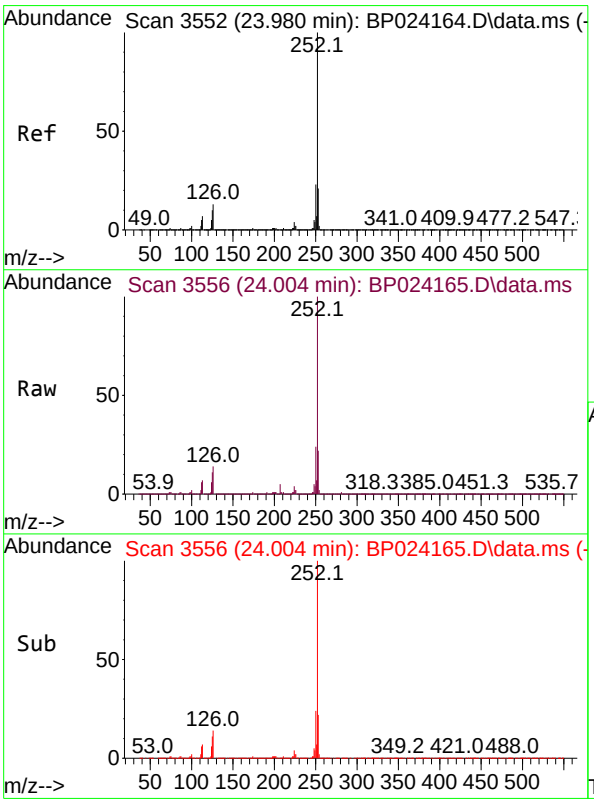
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.680 ng
RT: 28.956 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 7354717

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.7	20.5
277	25.2	20.2	30.2

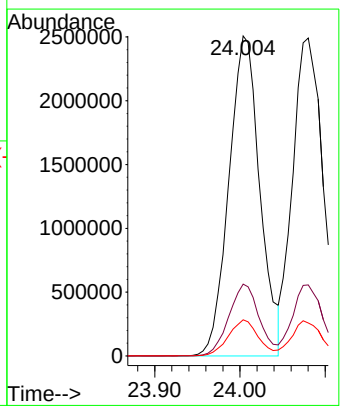


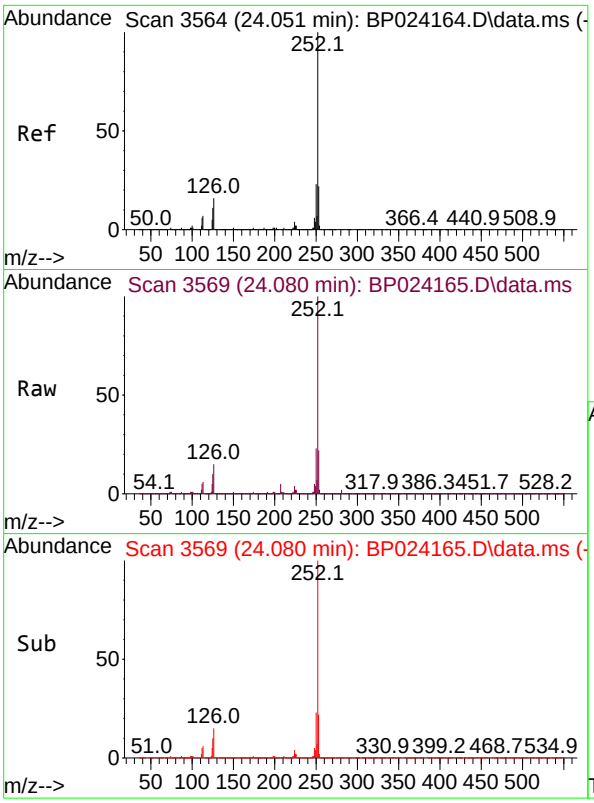


#88
Benzo(b)fluoranthene
Concen: 48.959 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:252 Resp: 6342083

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.3	8.2	12.4



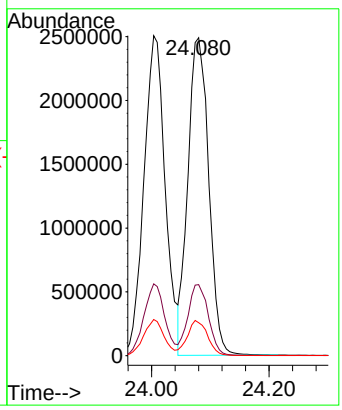


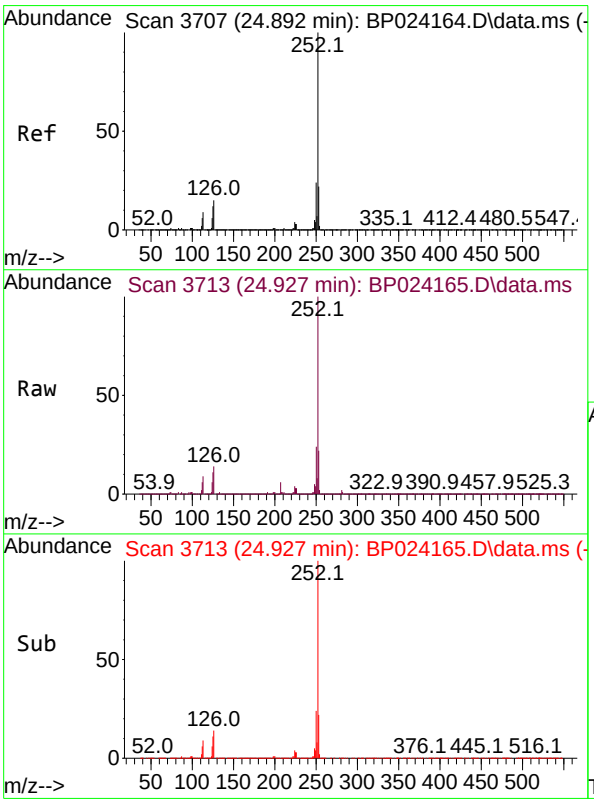
#89
Benzo(k)fluoranthene
Concen: 48.672 ng
RT: 24.080 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 6136938

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.4	9.1	13.7

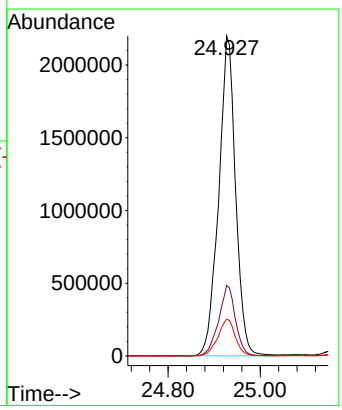


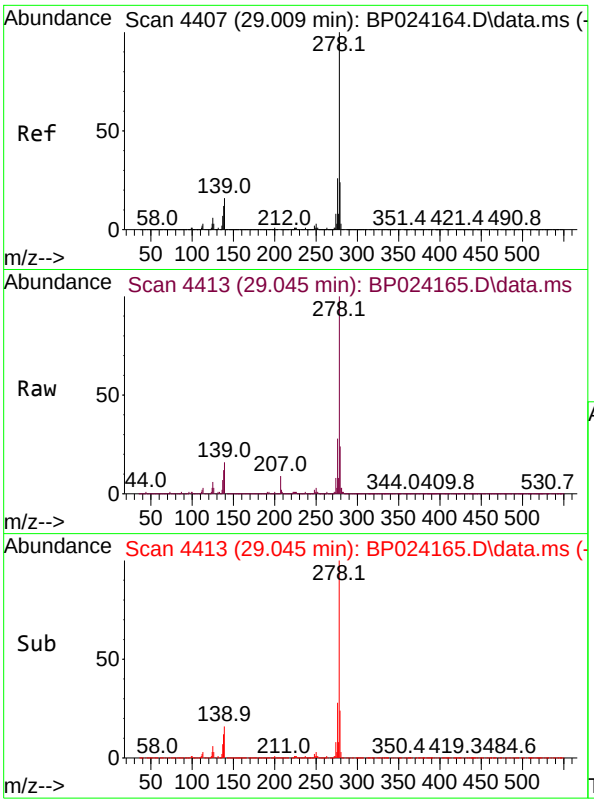


#90
Benzo(a)pyrene
Concen: 50.770 ng
RT: 24.927 min Scan# 3713
Delta R.T. 0.035 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:252 Resp: 5581393

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.4	9.6	14.4



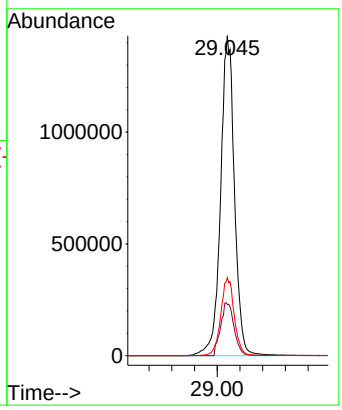


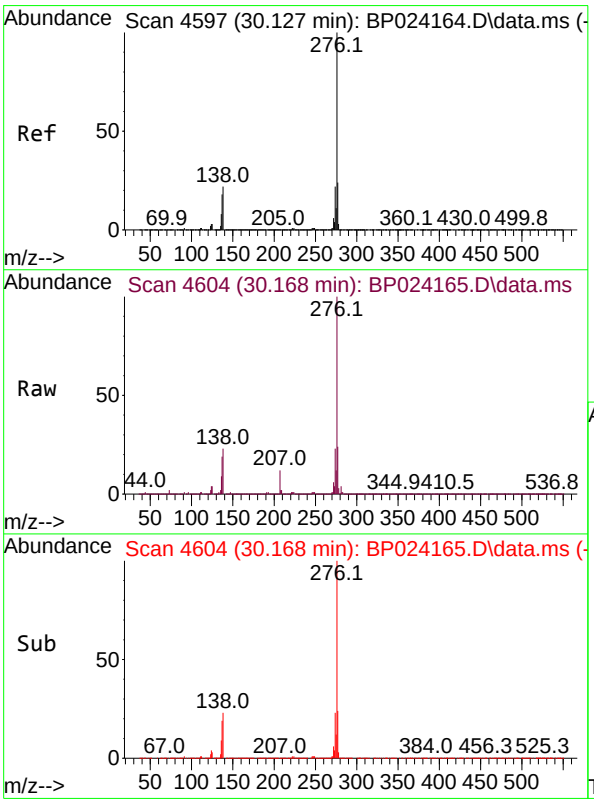
#91
Dibenzo(a,h)anthracene
Concen: 49.766 ng
RT: 29.045 min Scan# 44
Delta R.T. 0.035 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 6072440

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.0	19.4
279	24.4	18.8	28.2

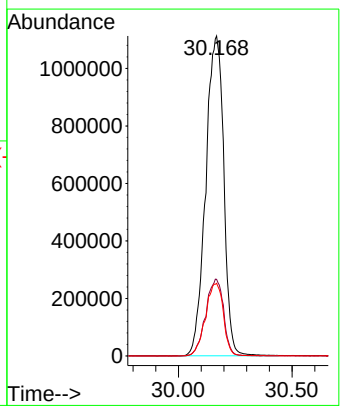




#92
Benzo(g,h,i)perylene
Concen: 49.509 ng
RT: 30.168 min Scan# 4604
Delta R.T. 0.041 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:276 Resp: 6130219

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.7	17.4	26.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	394376	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1591612	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	936110	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1759587	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1817869	20.000	ng	0.01
86) Perylene-d12	25.074	264	2003229	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3091896	122.332	ng	0.00
7) Phenol-d6	6.958	99	4151063	127.785	ng	0.00
23) Nitrobenzene-d5	8.922	82	3516139	123.247	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1542341	134.511	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	7675412	114.626	ng	0.00
79) Terphenyl-d14	19.933	244	10595349	115.330	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	588784	59.385	ng	100
3) Pyridine	3.717	79	1337303	51.879	ng	99
4) n-Nitrosodimethylamine	3.622	42	551093	60.270	ng	99
6) Aniline	7.111	93	1788370	60.115	ng	99
8) 2-Chlorophenol	7.346	128	1656453	61.919	ng	99
9) Benzaldehyde	6.922	77	830475	55.995	ng	99
10) Phenol	6.981	94	2072585	63.448	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1606110	62.425	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1740829	59.234	ng	100
13) 1,4-Dichlorobenzene	7.805	146	1778400	59.836	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1703894	59.737	ng	100
15) Benzyl Alcohol	8.010	79	1332675	67.021	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1610981	64.502	ng	99
17) 2-Methylphenol	8.210	107	1316438	66.132	ng	99
18) Hexachloroethane	8.846	117	636840	59.498	ng	96
19) n-Nitroso-di-n-propyla...	8.575	70	1191669	68.227	ng	99
20) 3+4-Methylphenols	8.540	107	1809984	66.838	ng	100
22) Acetophenone	8.587	105	2478568	60.600	ng	99
24) Nitrobenzene	8.963	77	1731589	61.673	ng	99
25) Isophorone	9.487	82	3063158	65.658	ng	100
26) 2-Nitrophenol	9.669	139	904714	69.941	ng	97
27) 2,4-Dimethylphenol	9.734	122	1095778	64.534	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	2086687	61.742	ng	99
29) 2,4-Dichlorophenol	10.204	162	1497152	64.609	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1578453	59.453	ng	100
31) Naphthalene	10.604	128	5145859	60.129	ng	100
32) Benzoic acid	9.904	122	1203679	77.325	ng	98
33) 4-Chloroaniline	10.710	127	1859148	61.665	ng	99
34) Hexachlorobutadiene	10.887	225	918034	59.699	ng	98
35) Caprolactam	11.510	113	496683	70.784	ng	99
36) 4-Chloro-3-methylphenol	11.846	107	1582952	66.451	ng	98
37) 2-Methylnaphthalene	12.216	142	3504891	61.618	ng	100
38) 1-Methylnaphthalene	12.434	142	3364504	60.802	ng	100
40) 1,2,4,5-Tetrachloroben...	12.587	216	1707961	59.382	ng	100
41) Hexachlorocyclopentadiene	12.563	237	656781	61.365	ng	98
43) 2,4,6-Trichlorophenol	12.828	196	1148545	65.478	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	1233147	64.282	ng		99
46) 1,1'-Biphenyl	13.234	154	4312903	59.291	ng		99
47) 2-Chloronaphthalene	13.275	162	3269176	59.452	ng		100
48) 2-Nitroaniline	13.475	65	890207	68.533	ng		99
49) Acenaphthylene	14.128	152	5025011	62.024	ng		100
50) Dimethylphthalate	13.863	163	3997694	60.542	ng		100
51) 2,6-Dinitrotoluene	13.981	165	887706	65.996	ng		96
52) Acenaphthene	14.475	154	3153799	60.450	ng		99
53) 3-Nitroaniline	14.316	138	963434	67.123	ng		99
54) 2,4-Dinitrophenol	14.522	184	523590	73.093	ng		97
55) Dibenzofuran	14.816	168	5051493	59.602	ng		100
56) 4-Nitrophenol	14.640	139	831765	67.086	ng		99
57) 2,4-Dinitrotoluene	14.775	165	1211692	69.346	ng		98
58) Fluorene	15.469	166	3951671	59.702	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1055860	63.439	ng		99
60) Diethylphthalate	15.245	149	4030341	61.486	ng		99
61) 4-Chlorophenyl-phenyle...	15.469	204	1934265	59.370	ng		100
62) 4-Nitroaniline	15.498	138	1025149	68.824	ng		98
63) Azobenzene	15.769	77	3829148	62.340	ng		98
65) 4,6-Dinitro-2-methylph...	15.557	198	698260	68.563	ng		93
66) n-Nitrosodiphenylamine	15.687	169	3334914	60.776	ng		100
67) 4-Bromophenyl-phenylether	16.381	248	1211468	61.311	ng		97
68) Hexachlorobenzene	16.498	284	1425714	61.320	ng		97
69) Atrazine	16.663	200	465136	33.031	ng		99
70) Pentachlorophenol	16.857	266	1002726	66.402	ng		100
71) Phenanthrene	17.251	178	5863198	59.103	ng		99
72) Anthracene	17.345	178	5754537	60.532	ng		100
73) Carbazole	17.622	167	5598533	61.810	ng		99
74) Di-n-butylphthalate	18.216	149	6844468	64.761	ng		100
75) Fluoranthene	19.333	202	6849338	61.042	ng		99
77) Benzidine	19.528	184	1518742	68.561	ng		100
78) Pyrene	19.710	202	7049649	61.052	ng		99
80) Butylbenzylphthalate	20.663	149	3170269	71.649	ng		99
81) Benzo(a)anthracene	21.645	228	7010330	61.500	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	2547922	71.531	ng		99
83) Chrysene	21.716	228	6653811	60.535	ng		99
84) Bis(2-ethylhexyl)phtha...	21.586	149	4788368	71.363	ng		98
85) Di-n-octyl phthalate	22.886	149	7825427	72.964	ng		100
87) Indeno(1,2,3-cd)pyrene	28.951	276	7494916	52.591	ng	#	96
88) Benzo(b)fluoranthene	23.998	252	7606878	59.798	ng		99
89) Benzo(k)fluoranthene	24.068	252	7515459	60.696	ng		99
90) Benzo(a)pyrene	24.915	252	6723161	62.275	ng		99
91) Dibenzo(a,h)anthracene	29.056	278	7370514	61.510	ng		99
92) Benzo(g,h,i)perylene	30.156	276	7489359	61.593	ng		99

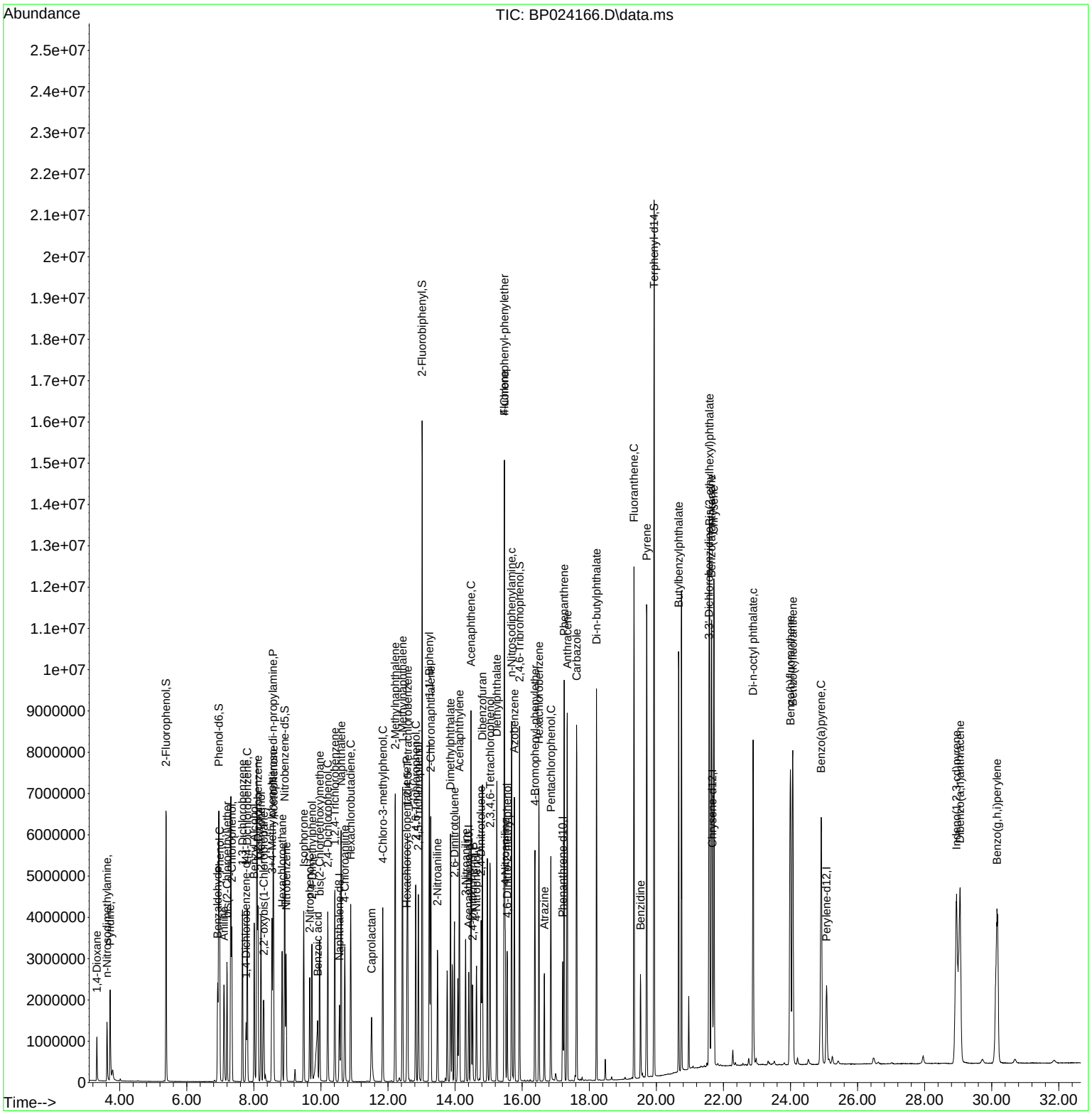
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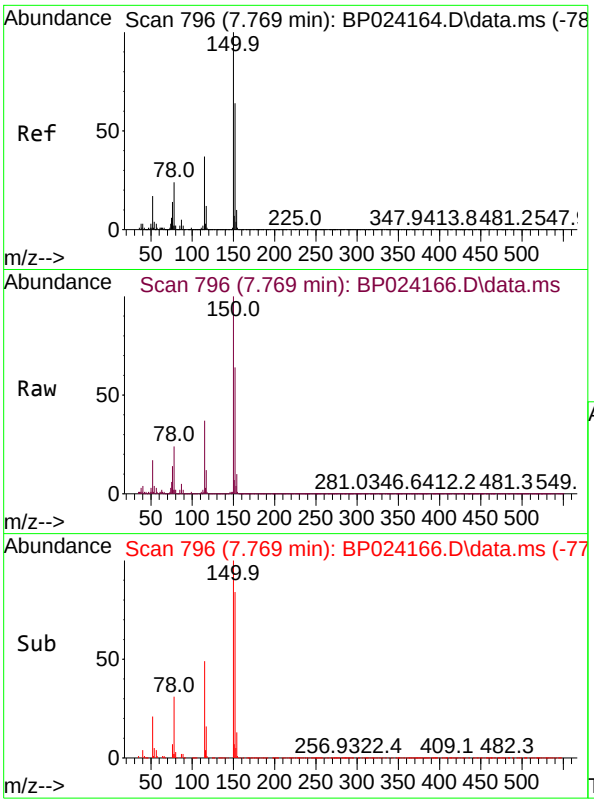
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



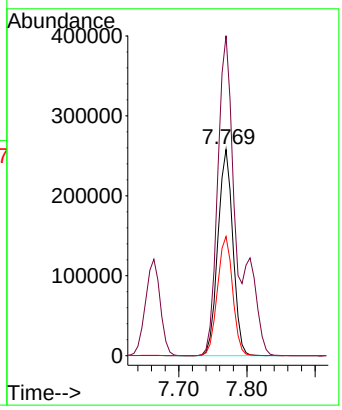


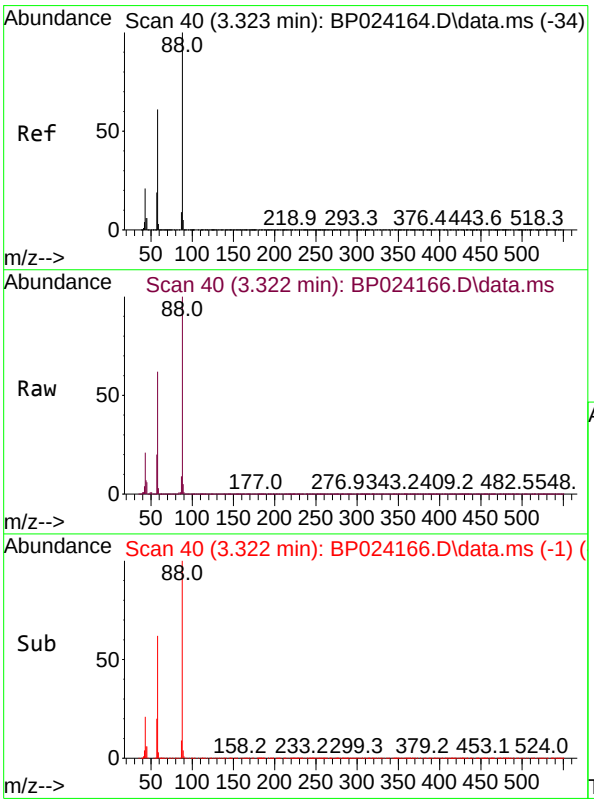
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 394376

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.5	188.3
115	57.8	46.3	69.5

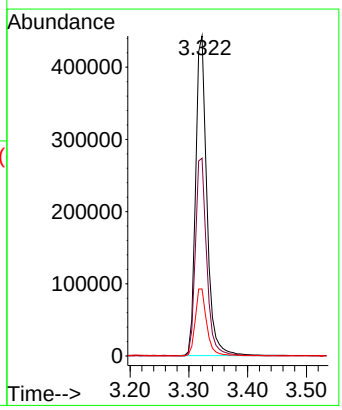


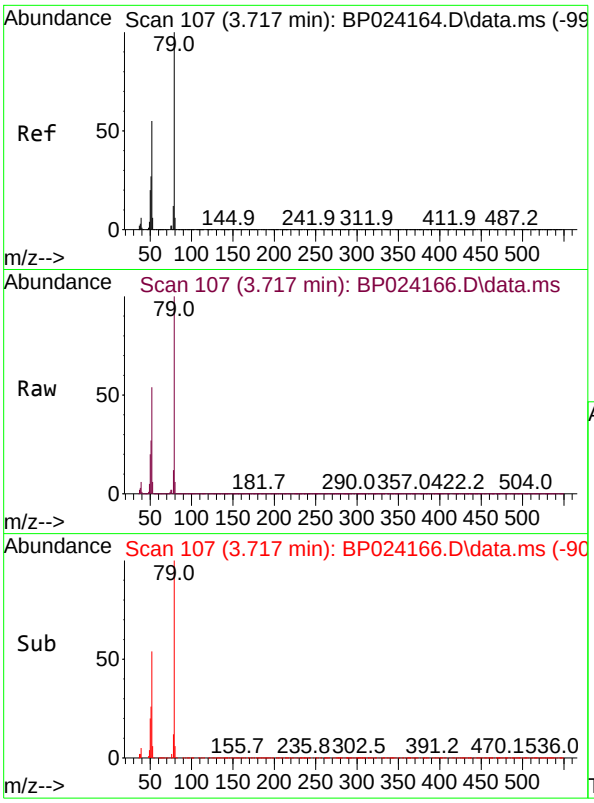


#2
1,4-Dioxane
Concen: 59.385 ng
RT: 3.322 min Scan# 40
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 88 Resp: 588784

Ion	Ratio	Lower	Upper
88	100		
58	62.5	49.8	74.6
43	21.3	17.3	25.9



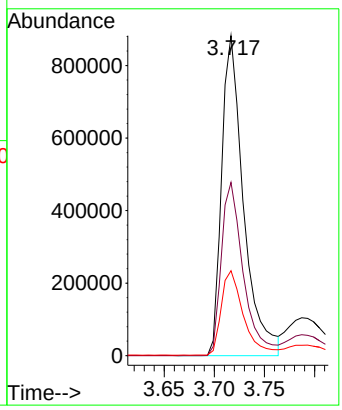


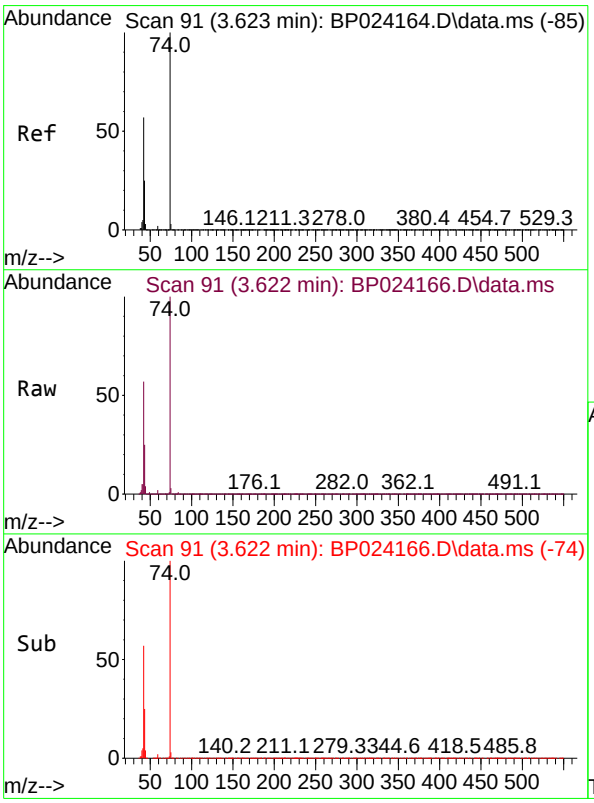
#3
Pyridine
Concen: 51.879 ng
RT: 3.717 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1337303

Ion	Ratio	Lower	Upper
79	100		
52	54.2	43.8	65.8
51	26.6	21.6	32.4

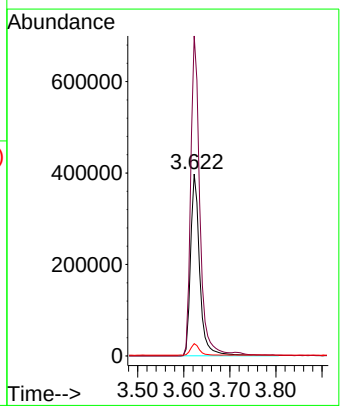


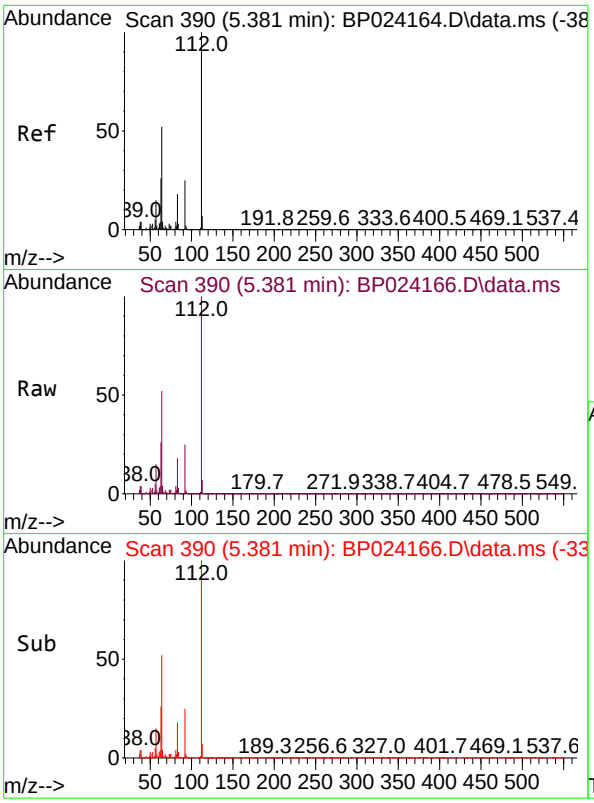


#4
n-Nitrosodimethylamine
Concen: 60.270 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 42 Resp: 551093

Ion	Ratio	Lower	Upper
42	100		
74	175.9	139.8	209.6
44	6.8	5.3	7.9



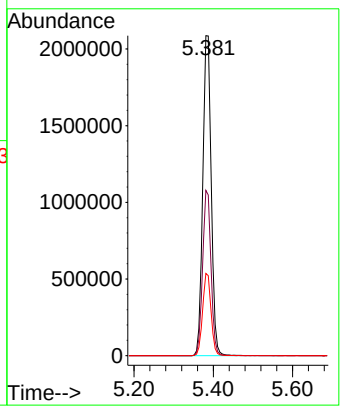


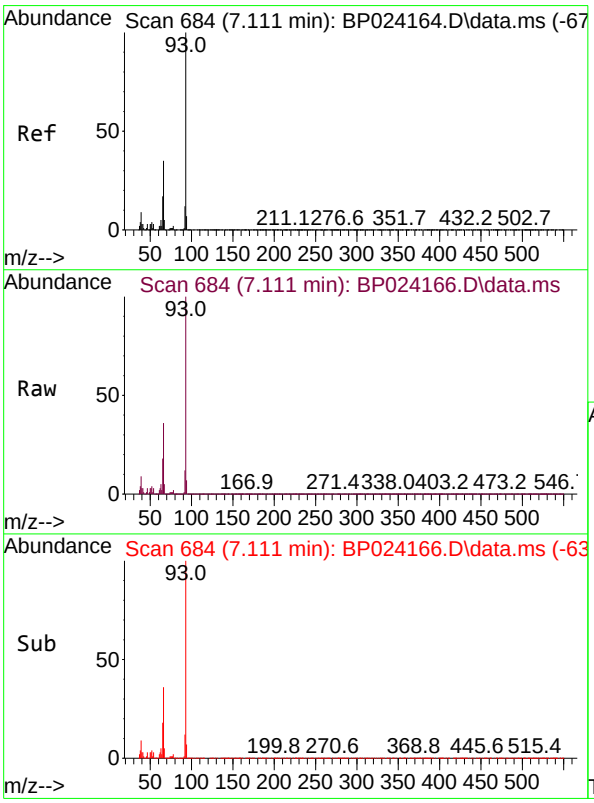
#5
2-Fluorophenol
Concen: 122.332 ng
RT: 5.381 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 3091896

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.3	61.9
63	25.7	20.6	31.0

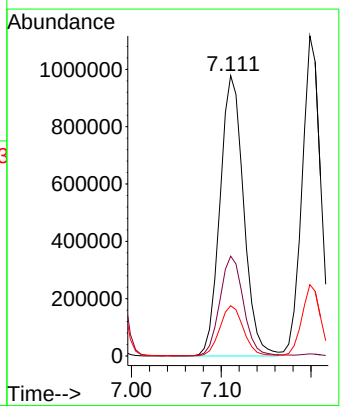


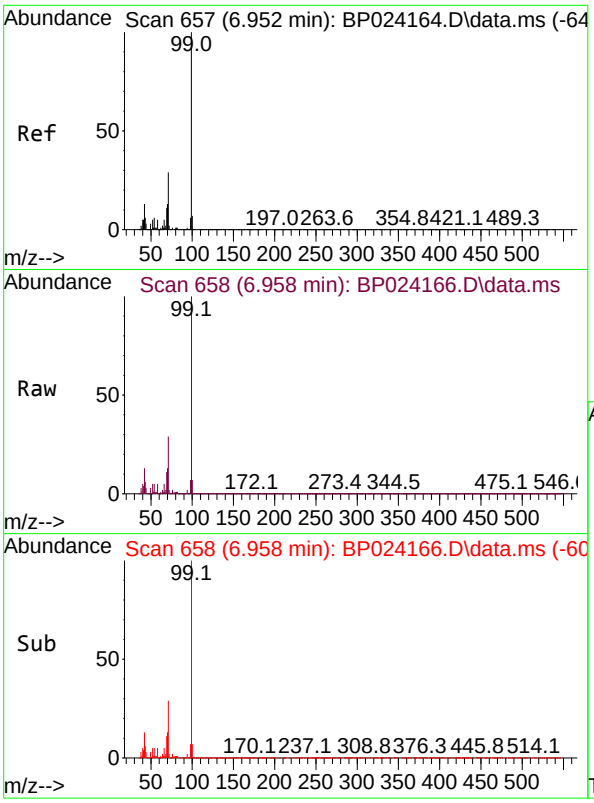


#6
Aniline
Concen: 60.115 ng
RT: 7.111 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 93 Resp: 1788370

Ion	Ratio	Lower	Upper
93	100		
66	35.6	28.2	42.2
65	17.9	14.0	21.0



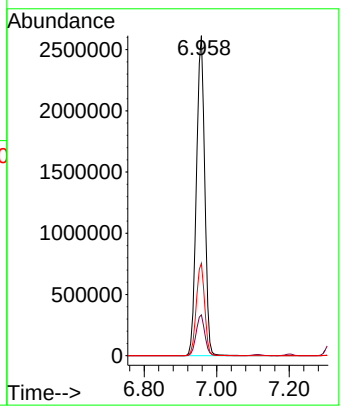


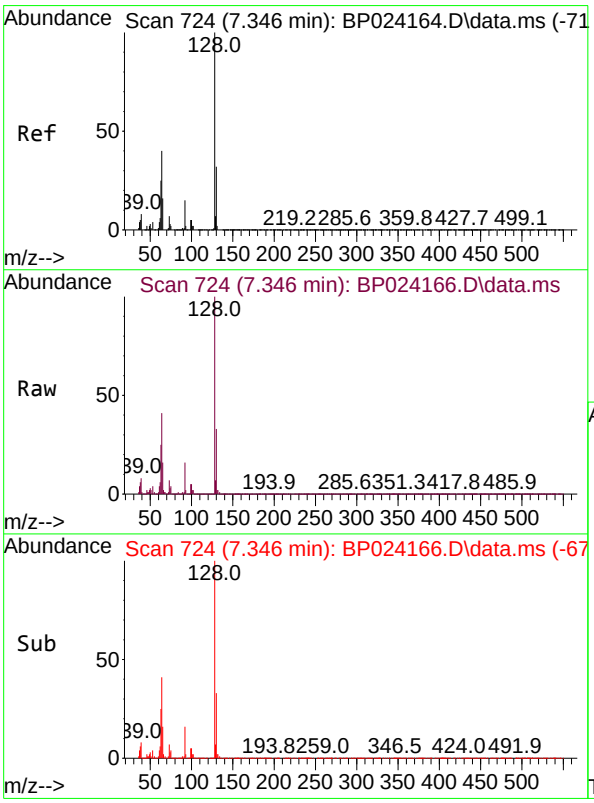
#7
Phenol-d6
Concen: 127.785 ng
RT: 6.958 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 4151063

Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.6	16.0
71	28.9	23.3	34.9

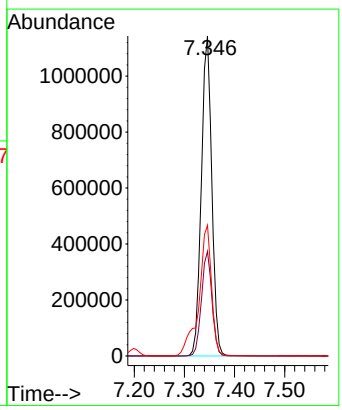


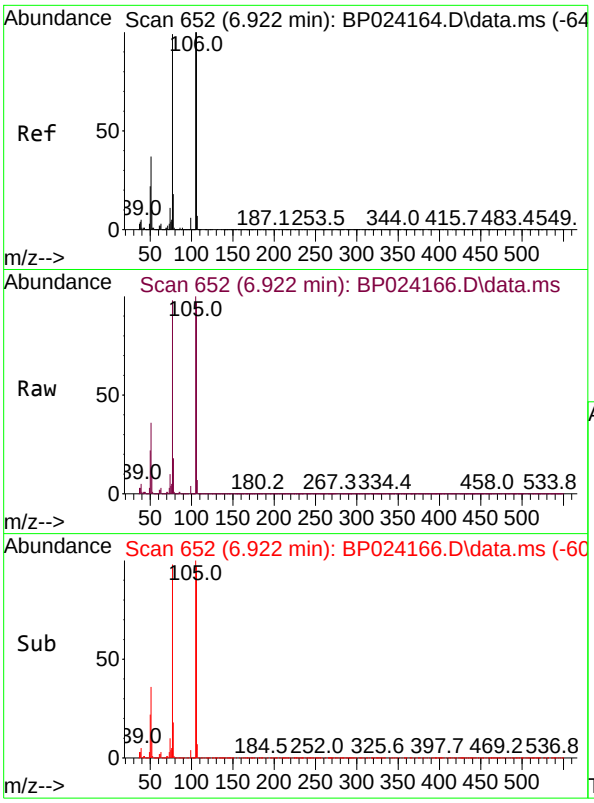


#8
2-Chlorophenol
Concen: 61.919 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:128 Resp: 1656453

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	40.9	21.6	61.6



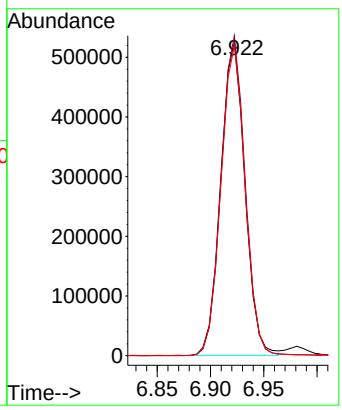


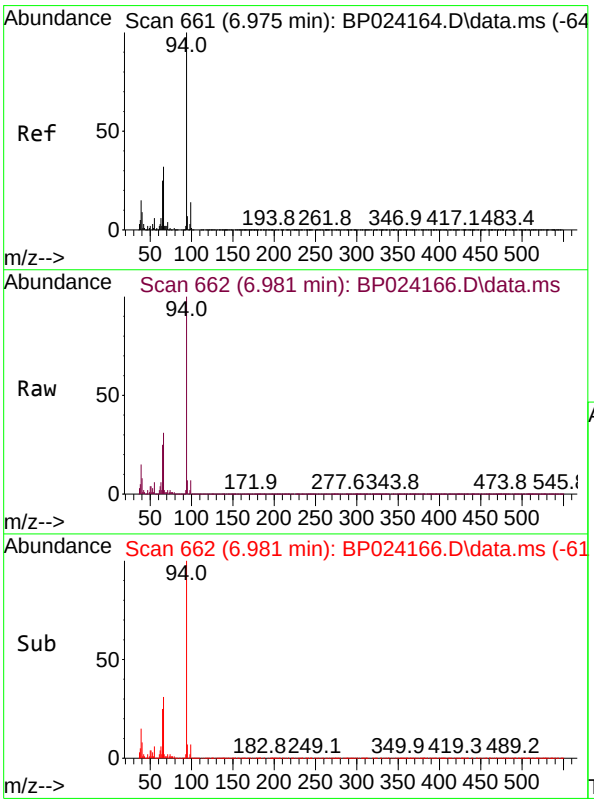
#9
Benzaldehyde
Concen: 55.995 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 830475

Ion	Ratio	Lower	Upper
77	100		
105	102.0	81.4	121.4
106	98.7	81.1	121.1

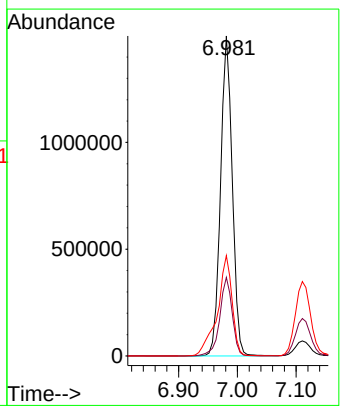


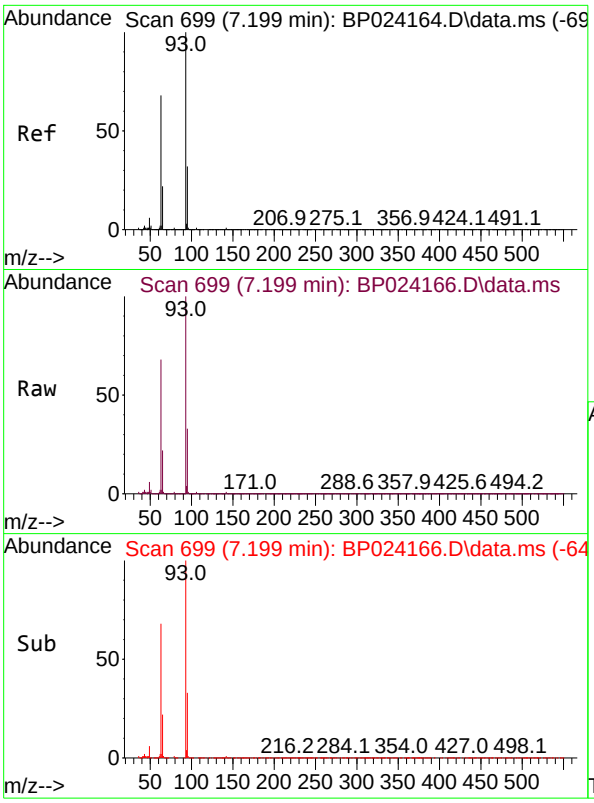


#10
Phenol
Concen: 63.448 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 94 Resp: 2072585

Ion	Ratio	Lower	Upper
94	100		
65	24.5	4.9	44.9
66	31.3	11.9	51.9



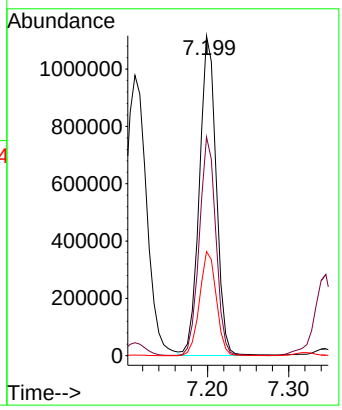


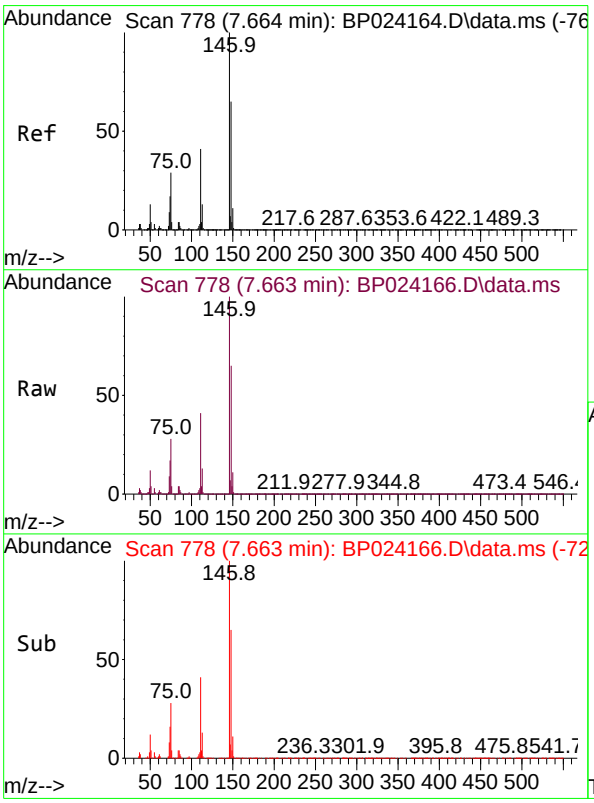
#11
bis(2-Chloroethyl)ether
Concen: 62.425 ng
RT: 7.199 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1606110

Ion	Ratio	Lower	Upper
93	100		
63	68.3	47.4	87.4
95	32.6	12.1	52.1

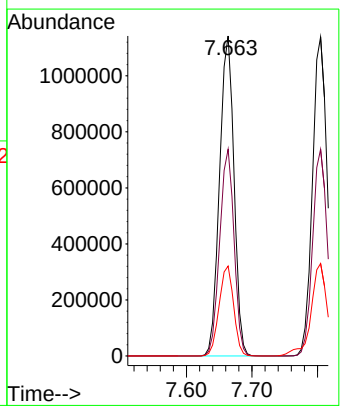


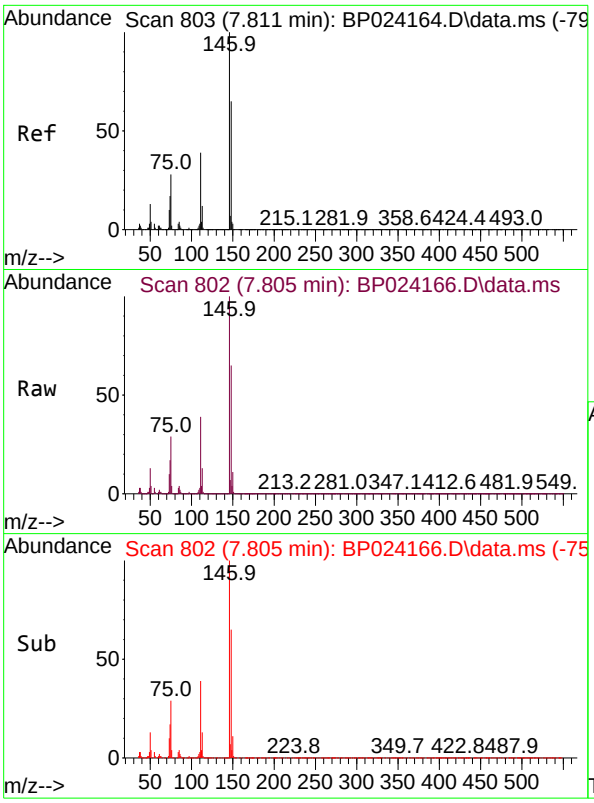


#12
1,3-Dichlorobenzene
Concen: 59.234 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:146 Resp: 1740829

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.1	22.8	34.2



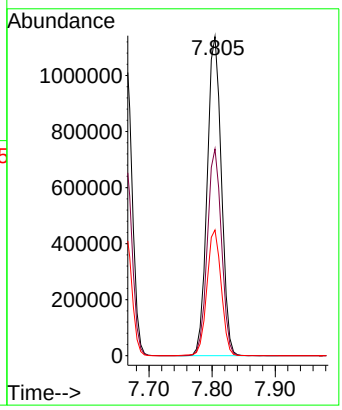


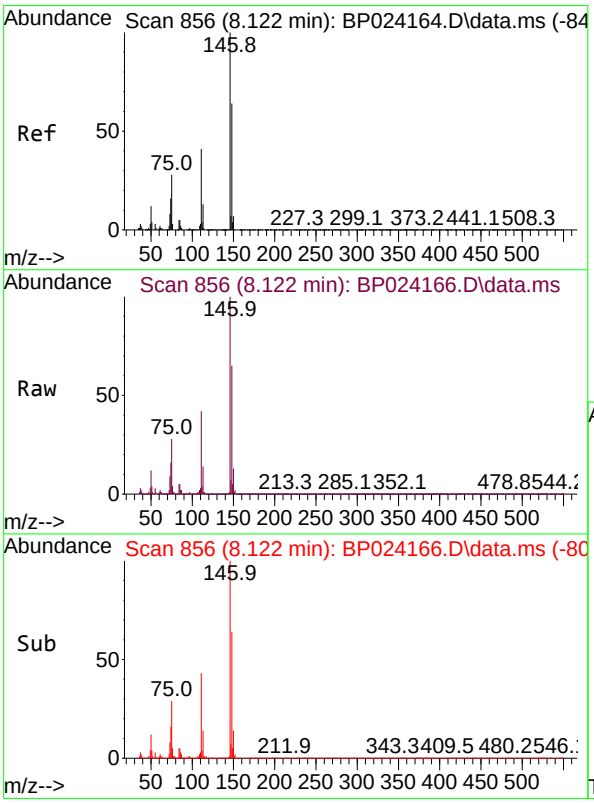
#13
1,4-Dichlorobenzene
Concen: 59.836 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1778400

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	39.4	31.4	47.2

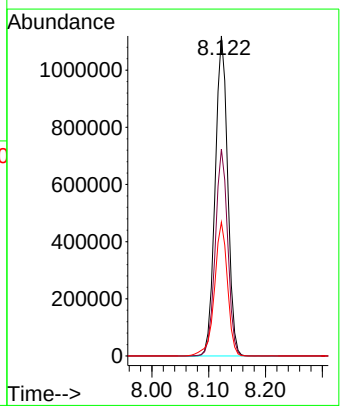


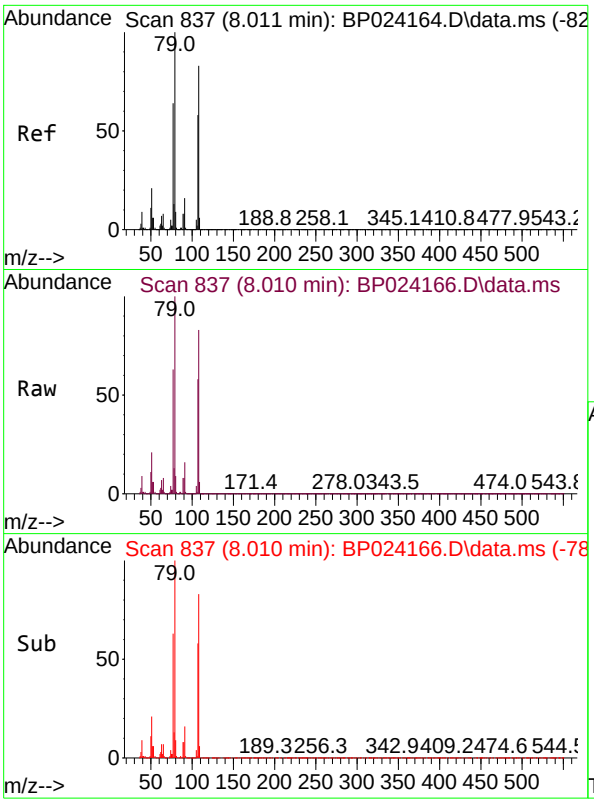


#14
1,2-Dichlorobenzene
Concen: 59.737 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:146 Resp: 1703894

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	41.8	33.2	49.8



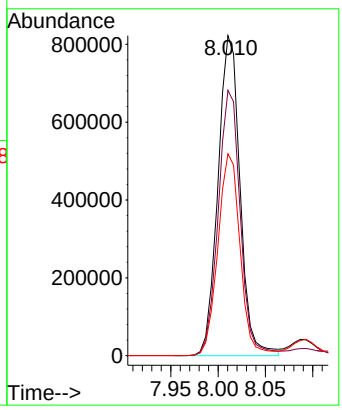


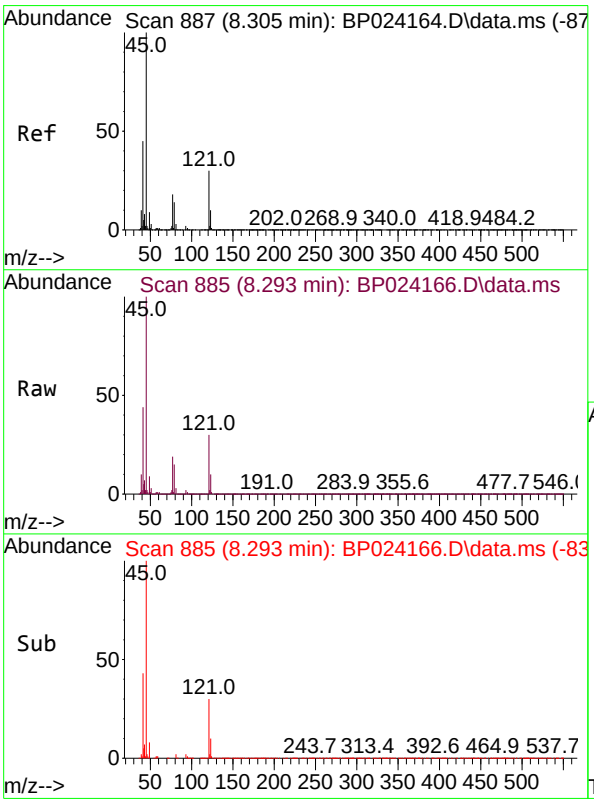
#15
Benzyl Alcohol
Concen: 67.021 ng
RT: 8.010 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1332675

Ion	Ratio	Lower	Upper
79	100		
108	82.9	66.5	99.7
77	63.1	50.9	76.3

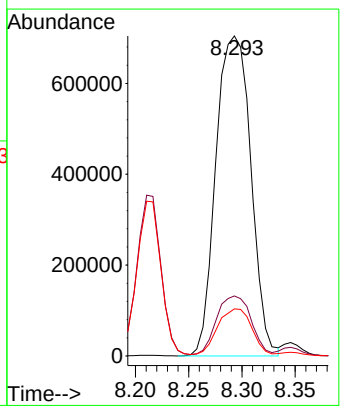


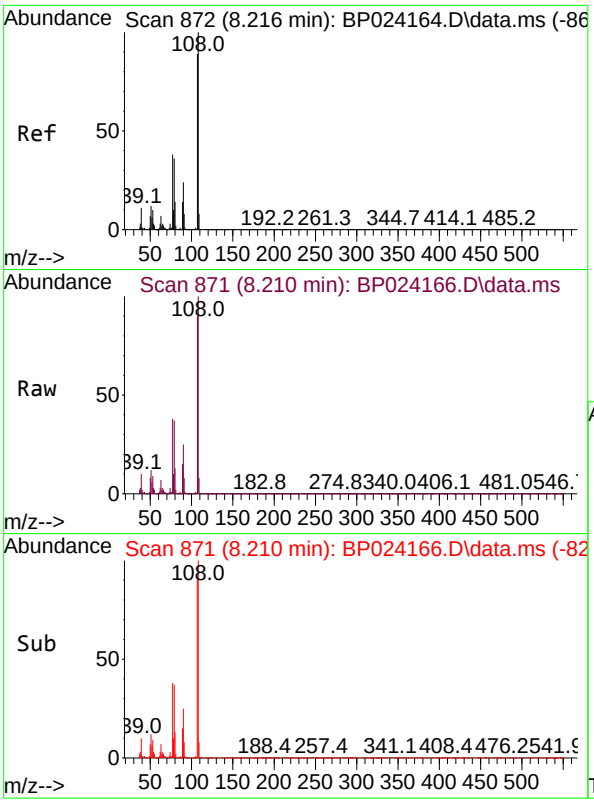


#16
2,2'-oxybis(1-Chloropropane)
Concen: 64.502 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 45 Resp: 1610981

Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	39.0
79	14.7	0.0	35.6



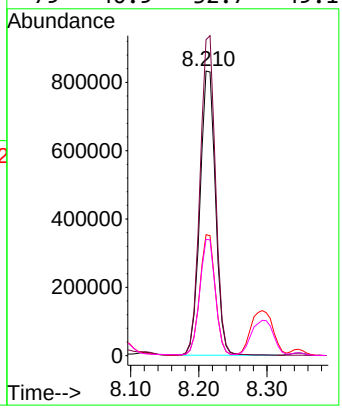


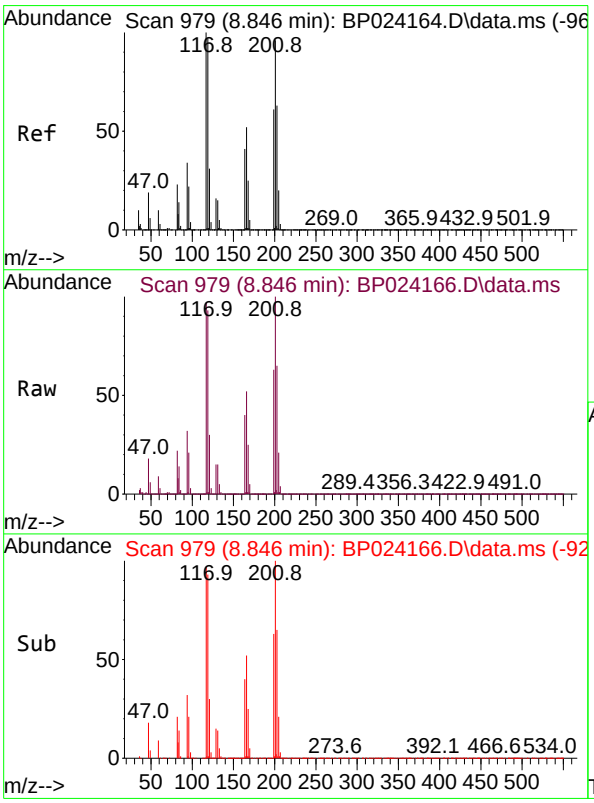
#17
2-Methylphenol
Concen: 66.132 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1316438

Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.0	135.0
77	42.5	34.0	51.0
79	40.9	32.7	49.1

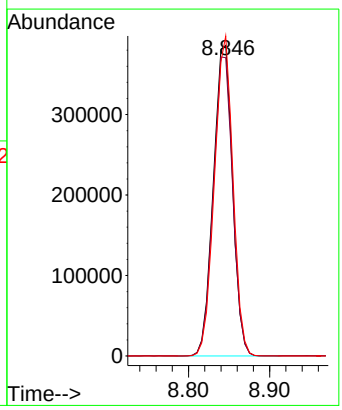


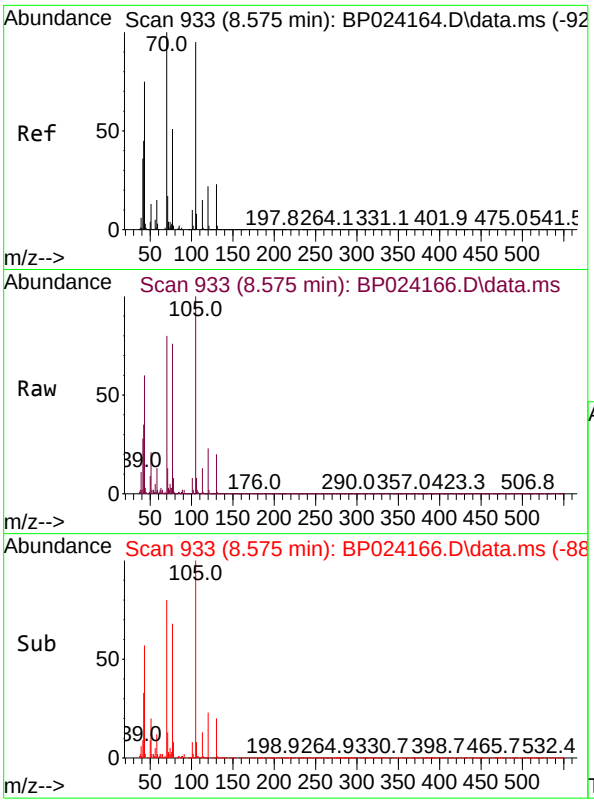


#18
Hexachloroethane
Concen: 59.498 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:117 Resp: 636840

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	103.0	76.6	114.8



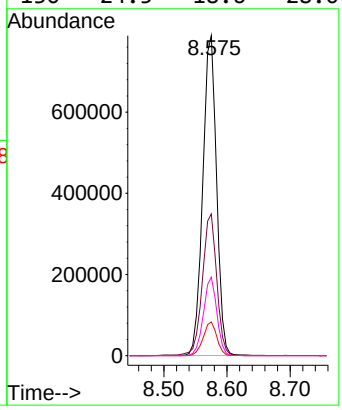


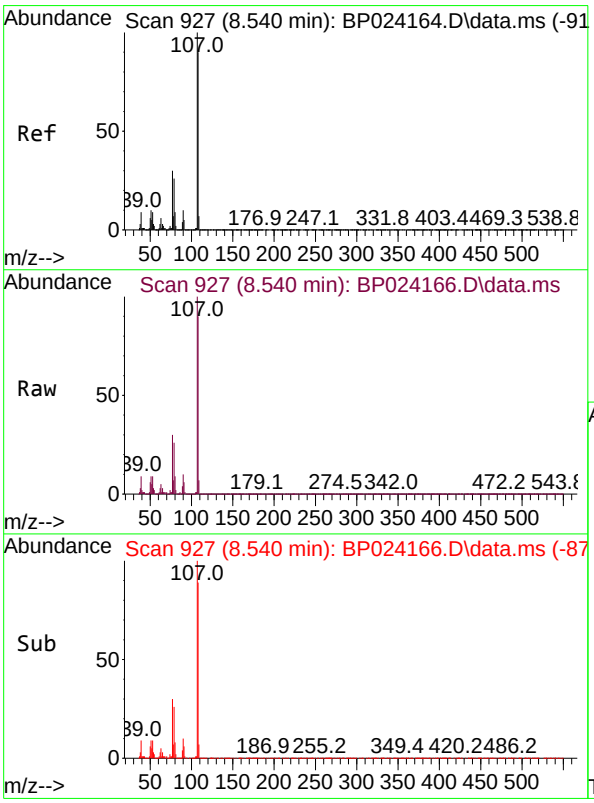
#19
n-Nitroso-di-n-propylamine
Concen: 68.227 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1191669

Ion	Ratio	Lower	Upper
70	100		
42	44.3	36.0	54.0
101	10.6	8.3	12.5
130	24.5	18.6	28.0

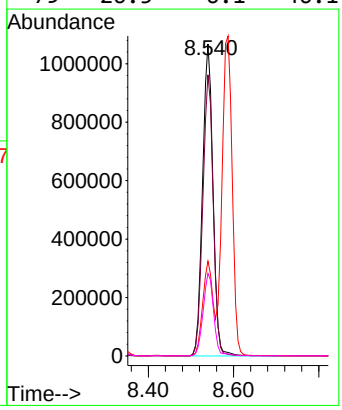


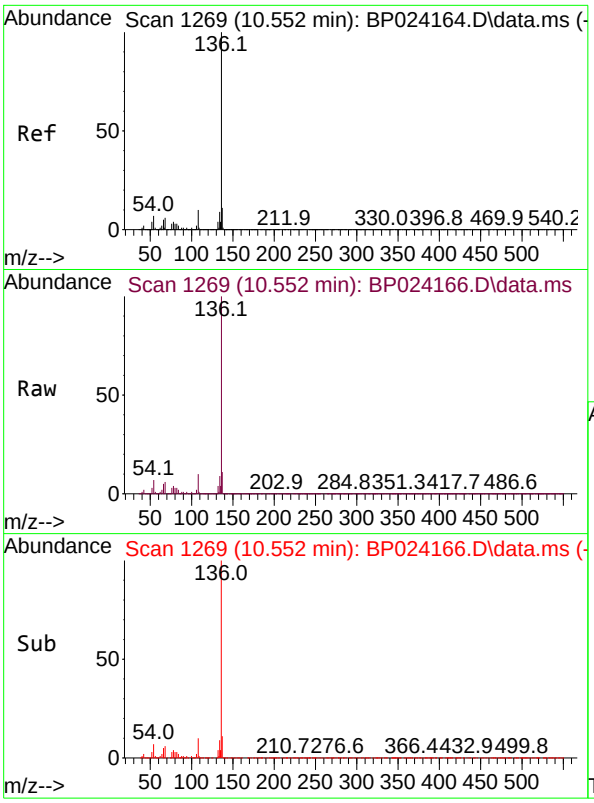


#20
3+4-Methylphenols
Concen: 66.838 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:107 Resp: 1809984

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.7	109.7
77	30.4	10.3	50.3
79	26.5	6.1	46.1



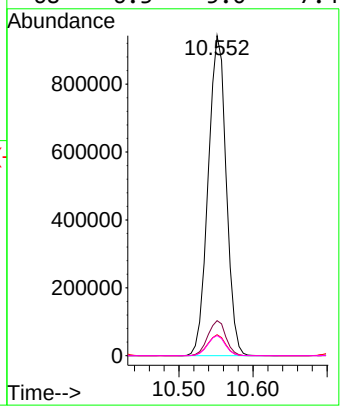


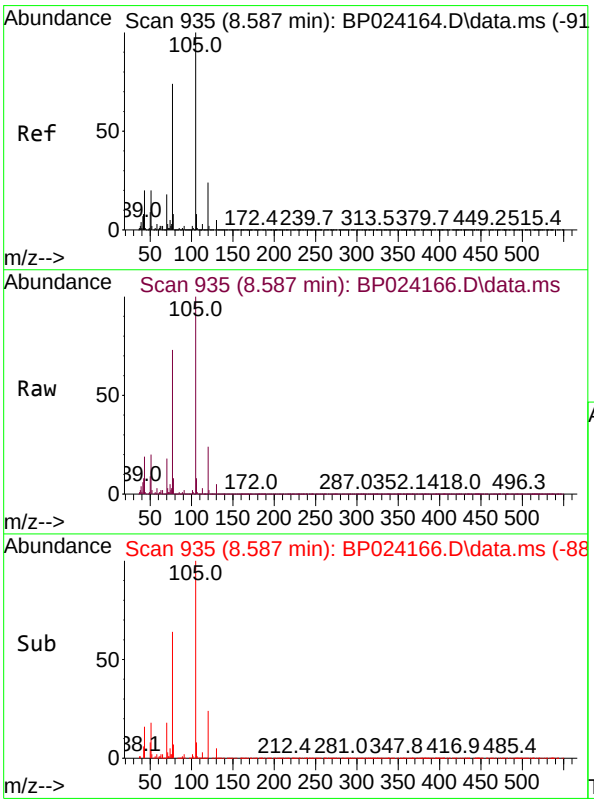
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1591612

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	5.3	7.9
68	6.3	5.0	7.4

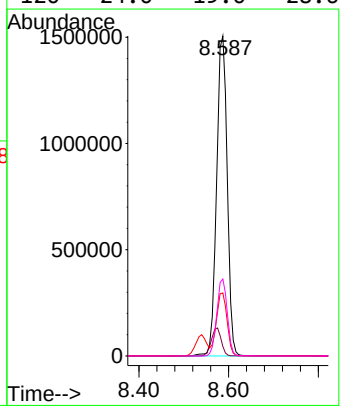


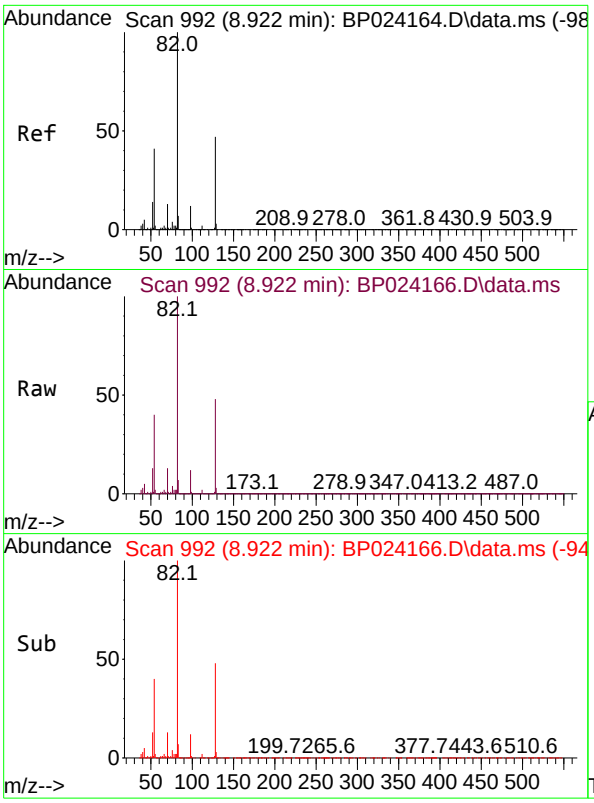


#22
Acetophenone
Concen: 60.600 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:105 Resp: 2478568

Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.4	3.6
51	19.7	16.2	24.2
120	24.0	19.0	28.6



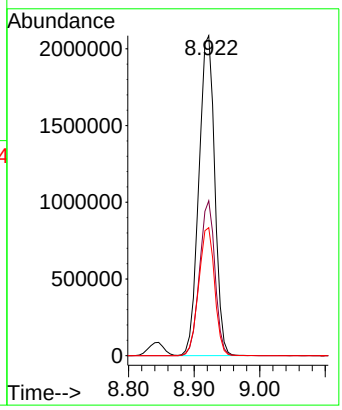


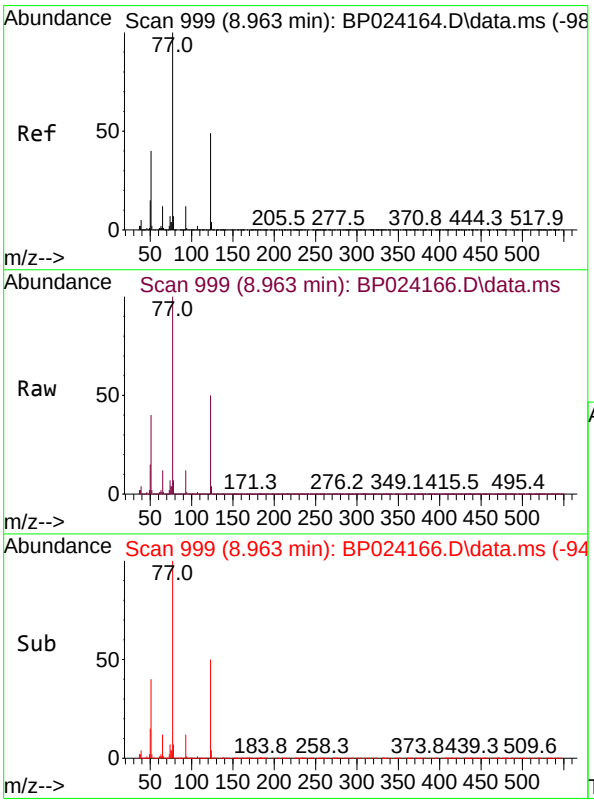
#23
Nitrobenzene-d5
Concen: 123.247 ng
RT: 8.922 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3516139

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.4	56.0
54	40.0	32.5	48.7

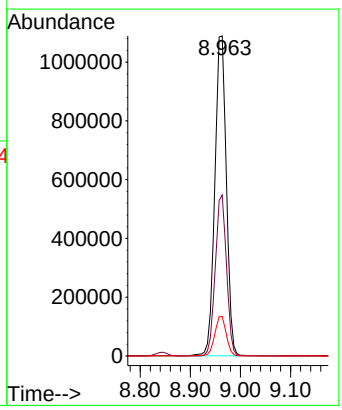


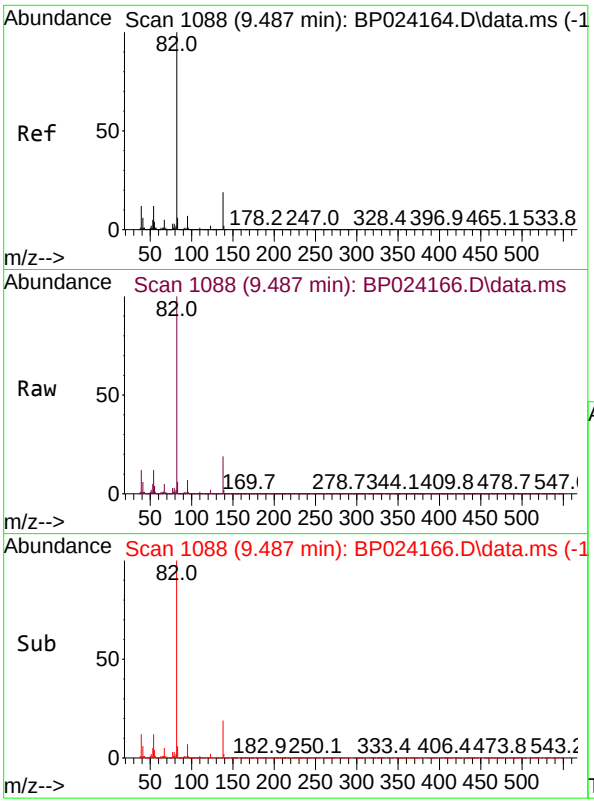


#24
Nitrobenzene
Concen: 61.673 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 77 Resp: 1731589

Ion	Ratio	Lower	Upper
77	100		
123	50.3	39.4	59.2
65	12.3	9.9	14.9



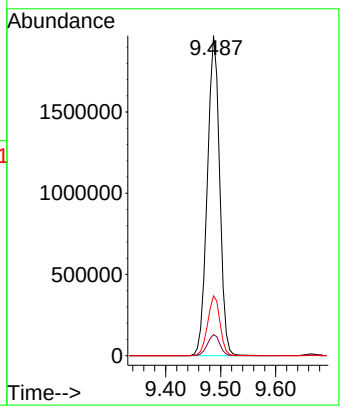


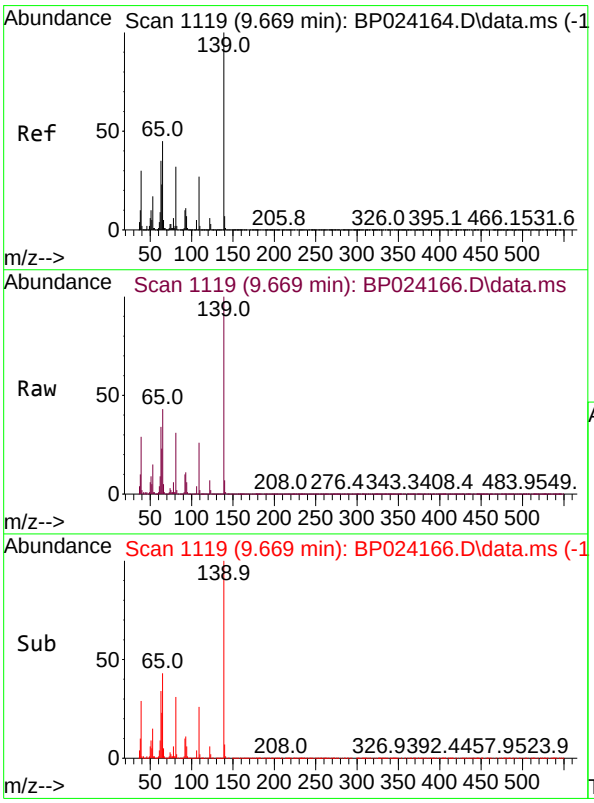
#25
Isophorone
Concen: 65.658 ng
RT: 9.487 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3063158

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.7	14.8	22.2

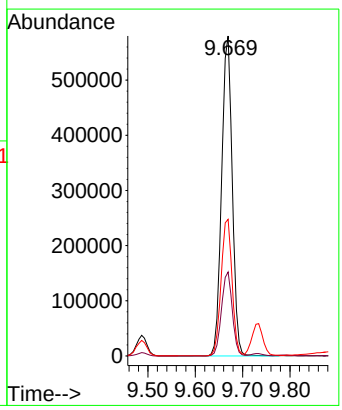


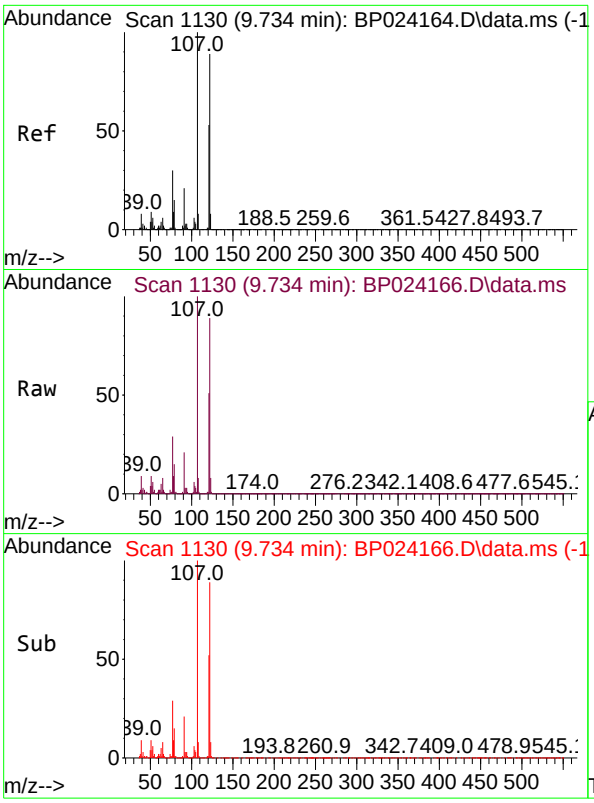


#26
2-Nitrophenol
Concen: 69.941 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:139 Resp: 904714

Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.7	32.5
65	42.7	35.8	53.8



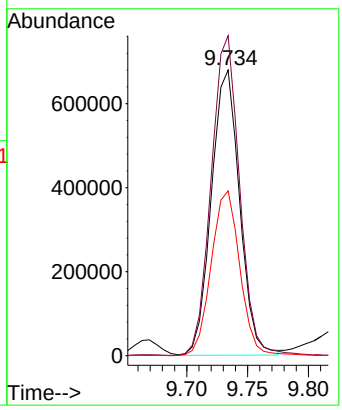


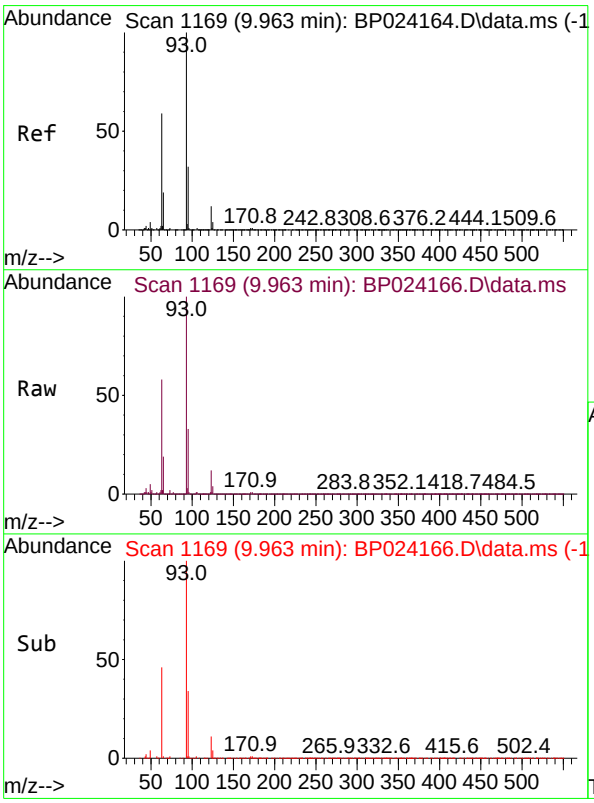
#27
2,4-Dimethylphenol
Concen: 64.534 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 1095778

Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.3	133.9
121	57.7	47.5	71.3

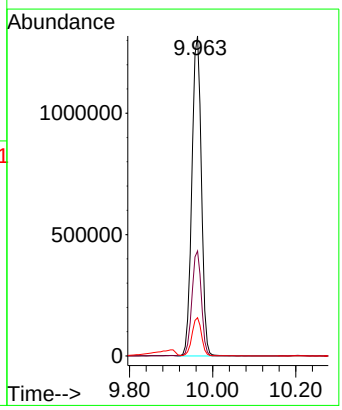


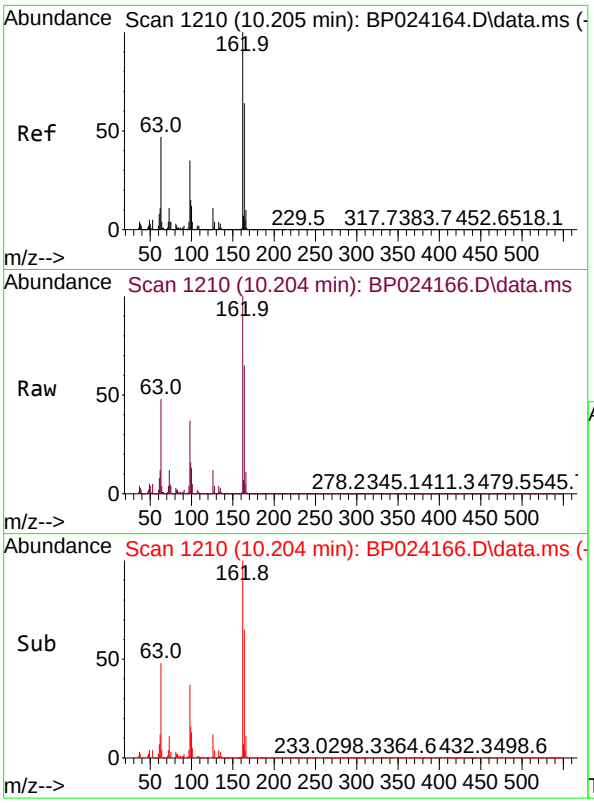


#28
bis(2-Chloroethoxy)methane
Concen: 61.742 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 93 Resp: 2086687

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.9	38.9
123	12.0	9.5	14.3



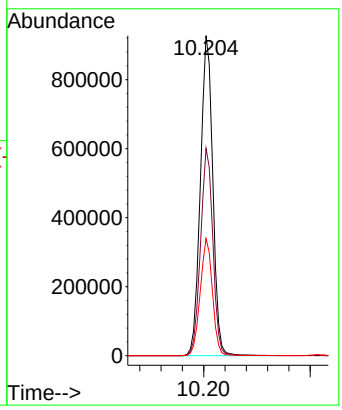


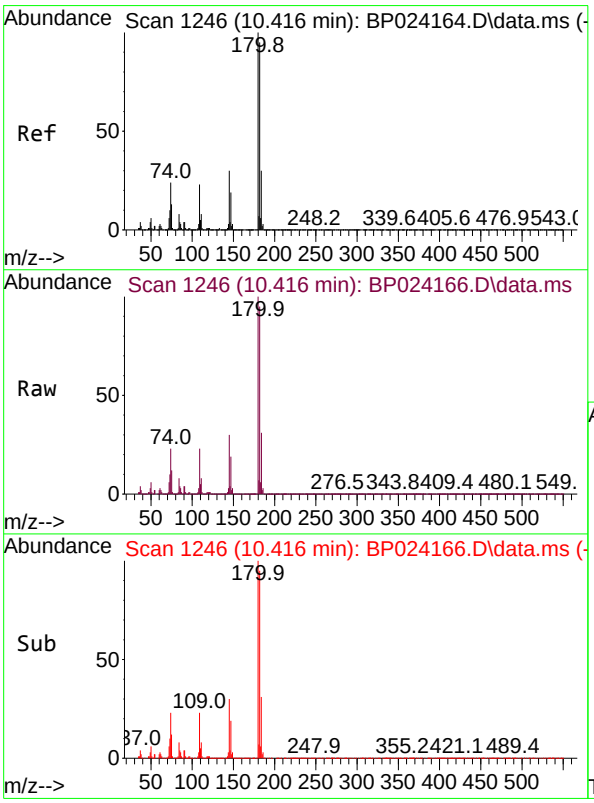
#29
2,4-Dichlorophenol
Concen: 64.609 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1497152

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.2	84.2
98	36.6	15.1	55.1

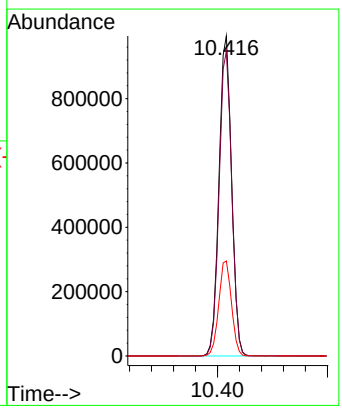


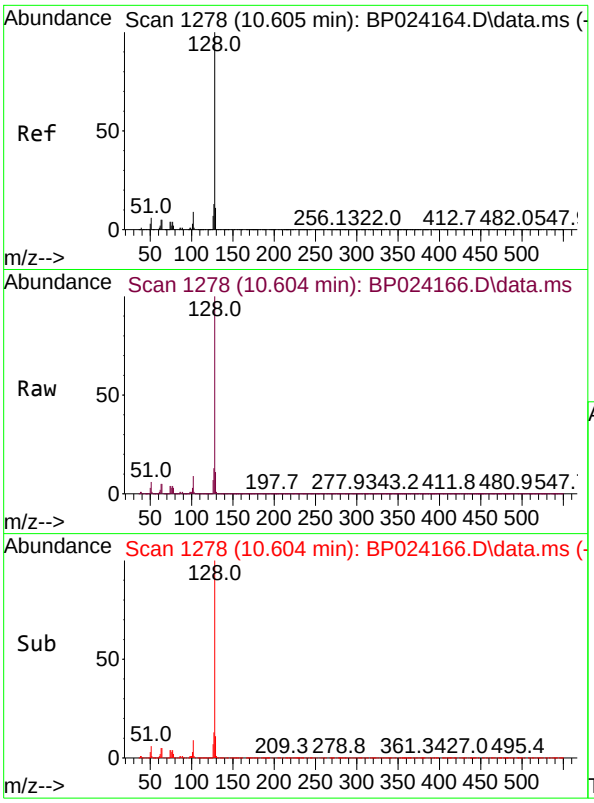


#30
1,2,4-Trichlorobenzene
Concen: 59.453 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:180 Resp: 1578453

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
145	29.7	24.2	36.2



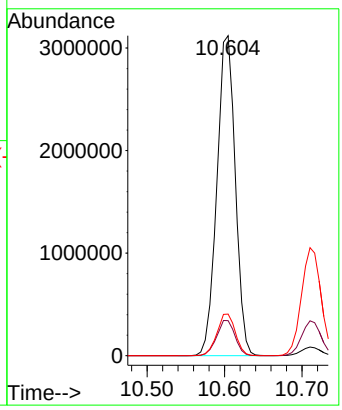


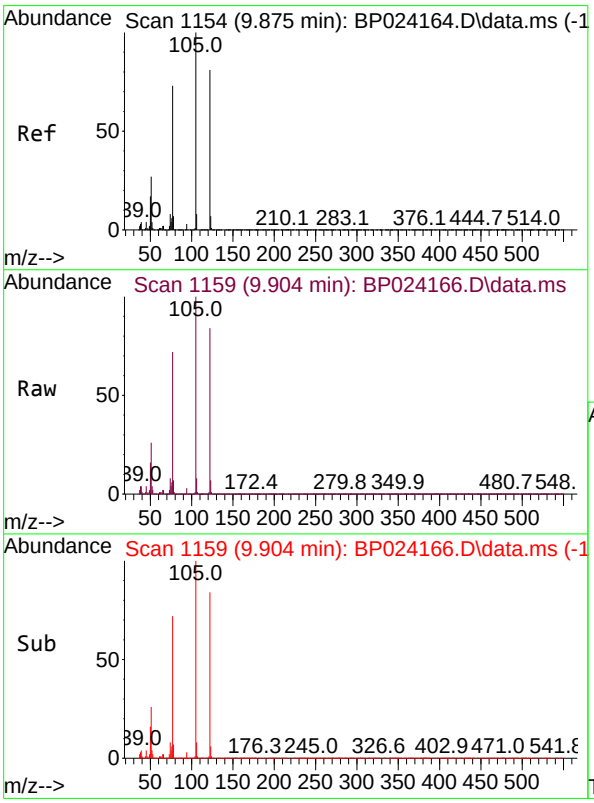
#31
Naphthalene
Concen: 60.129 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 5145859

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6

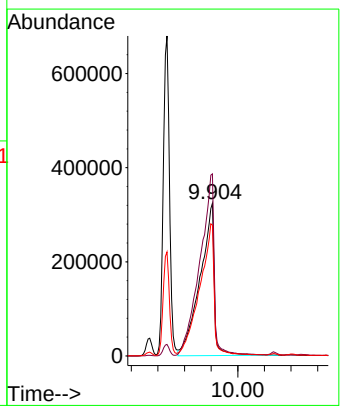


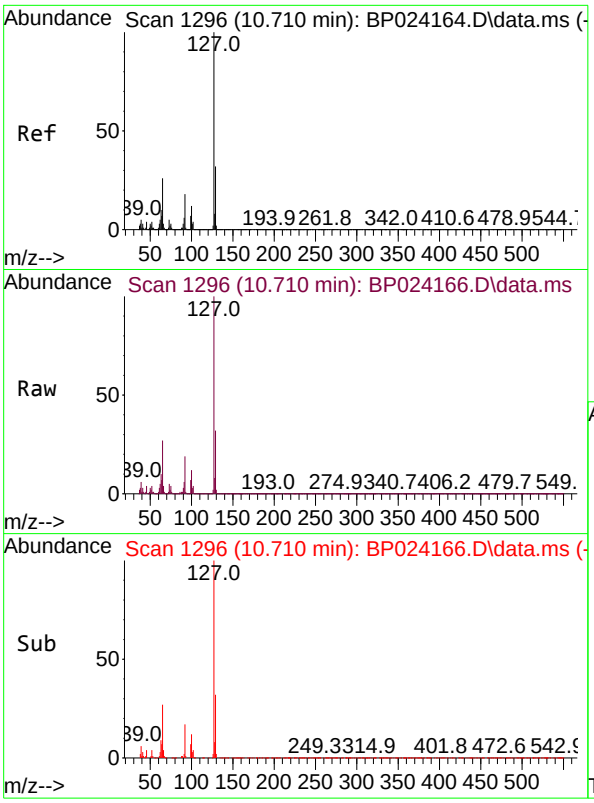


#32
Benzoic acid
Concen: 77.325 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.029 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:122 Resp: 1203679

Ion	Ratio	Lower	Upper
122	100		
105	119.3	100.3	140.3
77	85.8	69.1	109.1



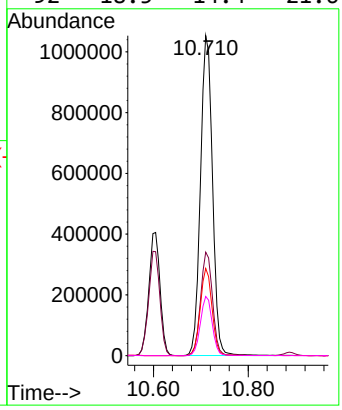


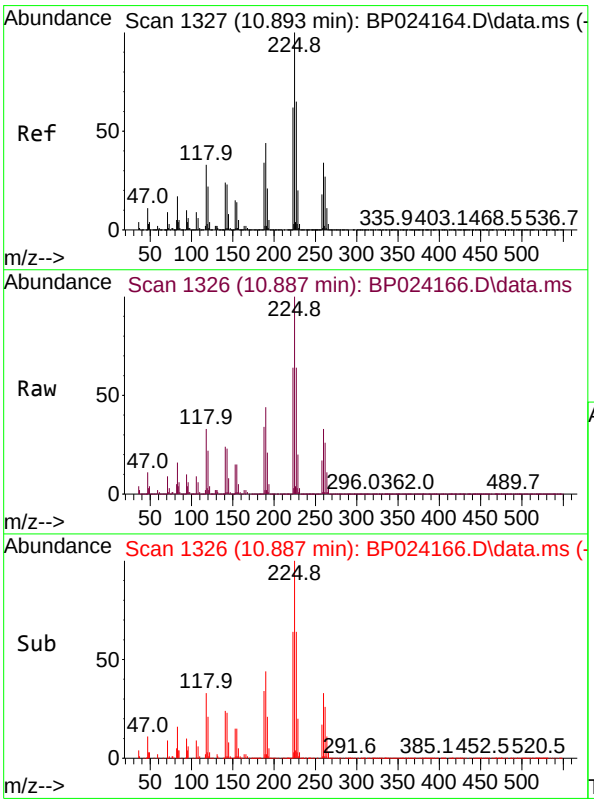
#33
4-Chloroaniline
Concen: 61.665 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1859148

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	27.3	21.2	31.8
92	18.5	14.4	21.6

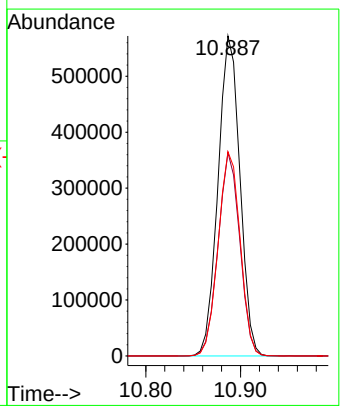


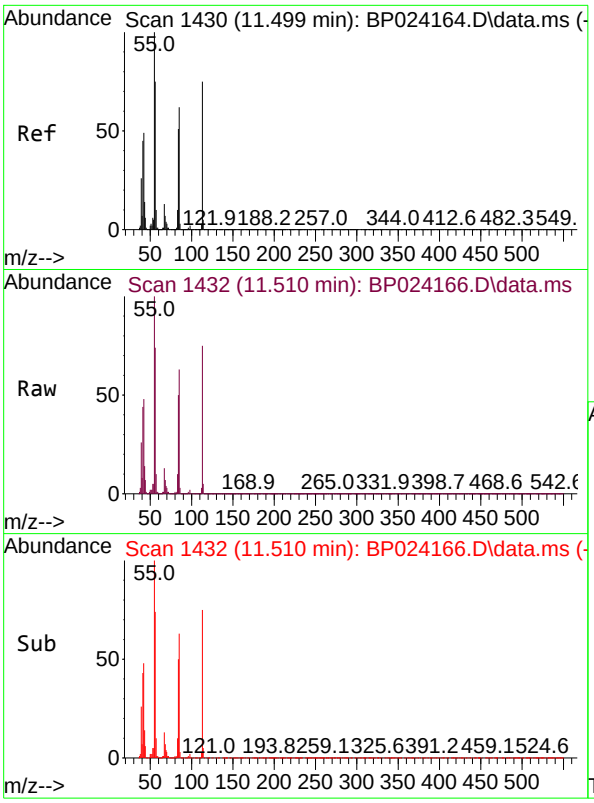


#34
Hexachlorobutadiene
Concen: 59.699 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:225 Resp: 918034

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	63.8	52.2	78.2



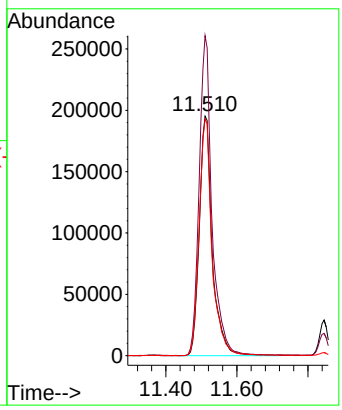


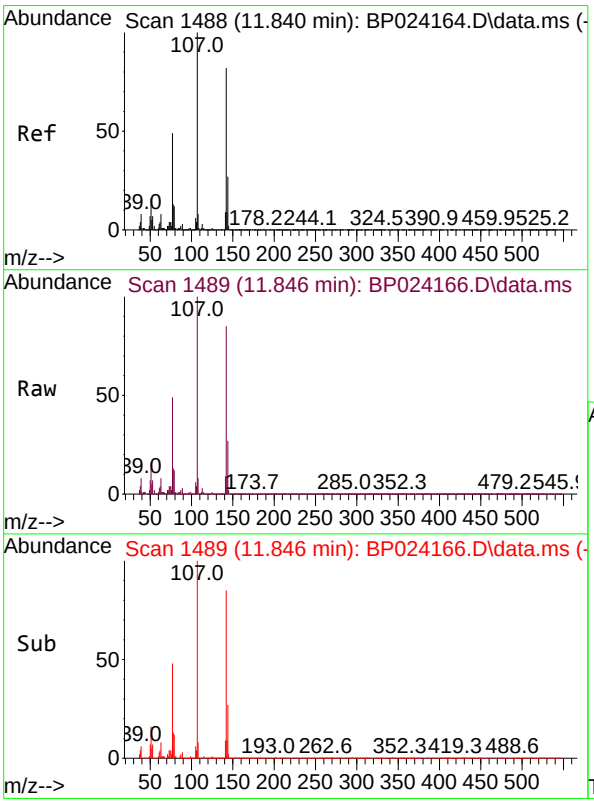
#35
Caprolactam
Concen: 70.784 ng
RT: 11.510 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 496683

Ion	Ratio	Lower	Upper
113	100		
55	133.6	113.6	153.6
56	98.8	80.0	120.0

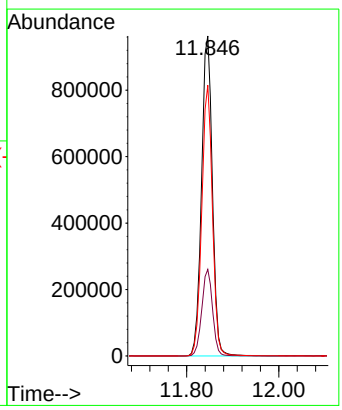


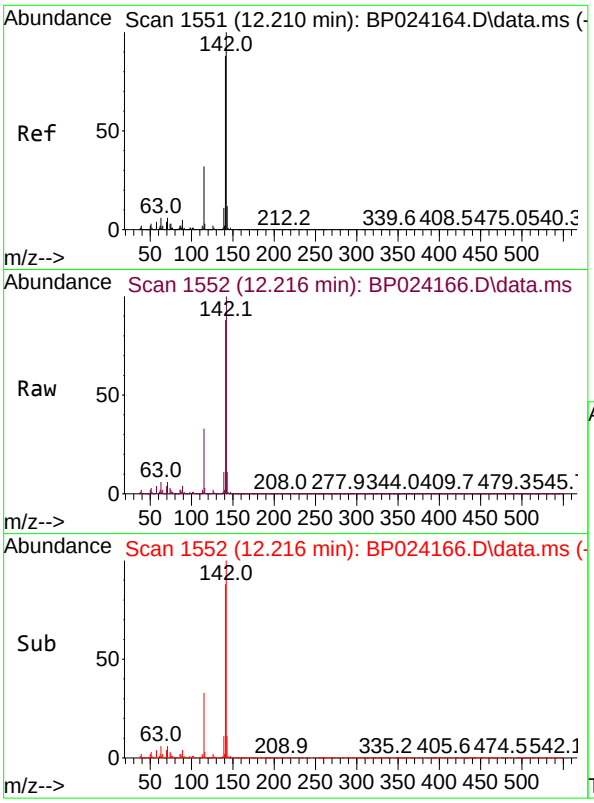


#36
4-Chloro-3-methylphenol
Concen: 66.451 ng
RT: 11.846 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:107 Resp: 1582952

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.6	32.4
142	84.6	65.4	98.0



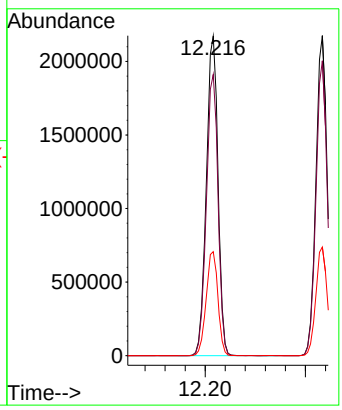


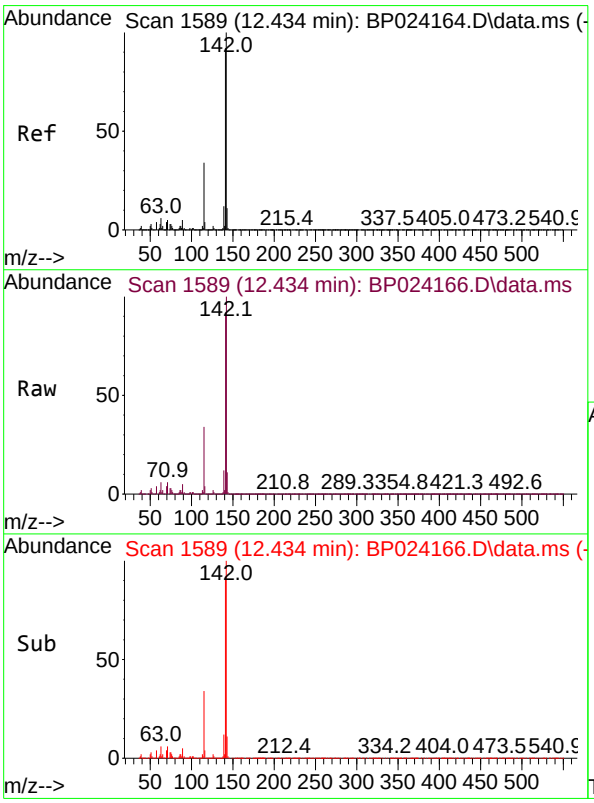
#37
2-Methylnaphthalene
Concen: 61.618 ng
RT: 12.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 3504891

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	32.6	26.0	39.0

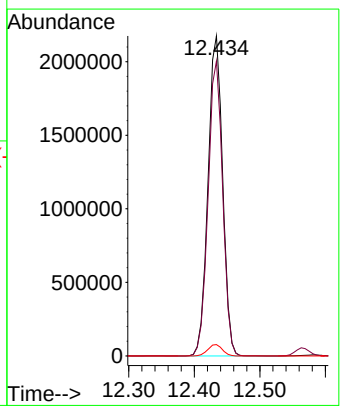


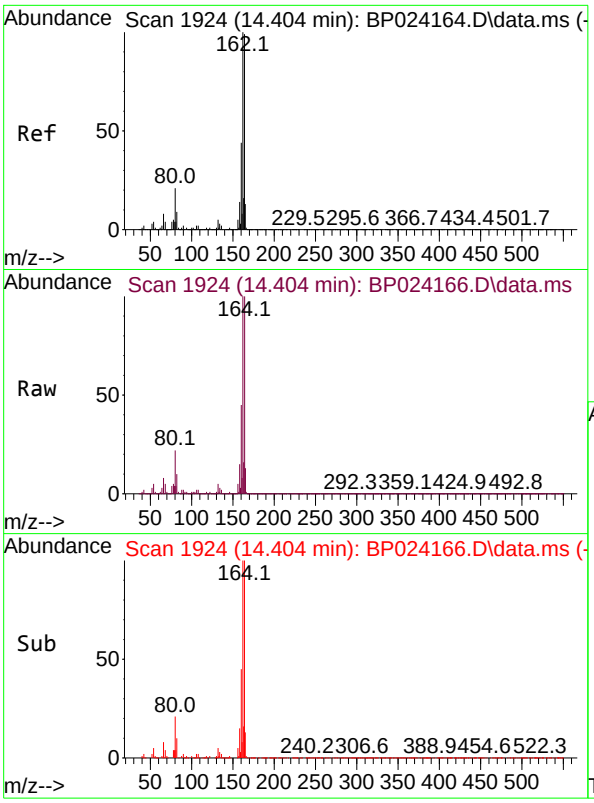


#38
1-Methylnaphthalene
Concen: 60.802 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:142 Resp: 3364504

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.9	110.9
116	3.6	2.8	4.2



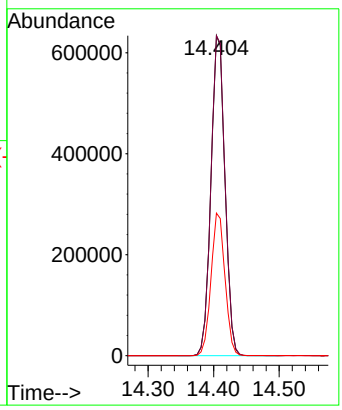


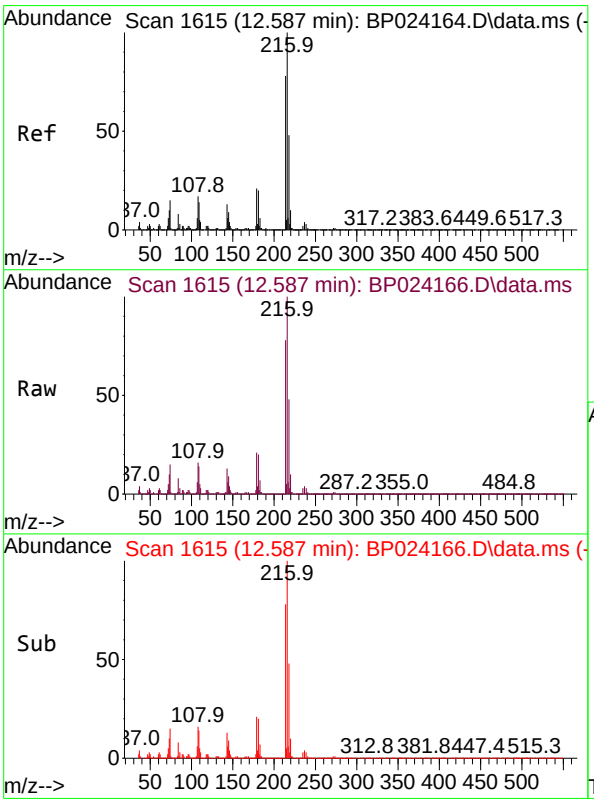
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 936110

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	44.5	35.4	53.2

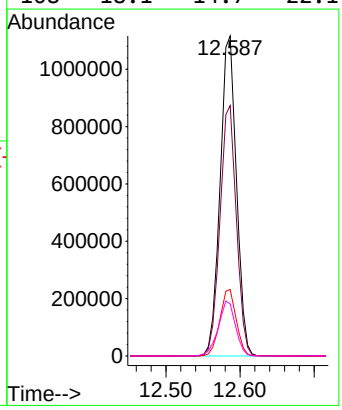


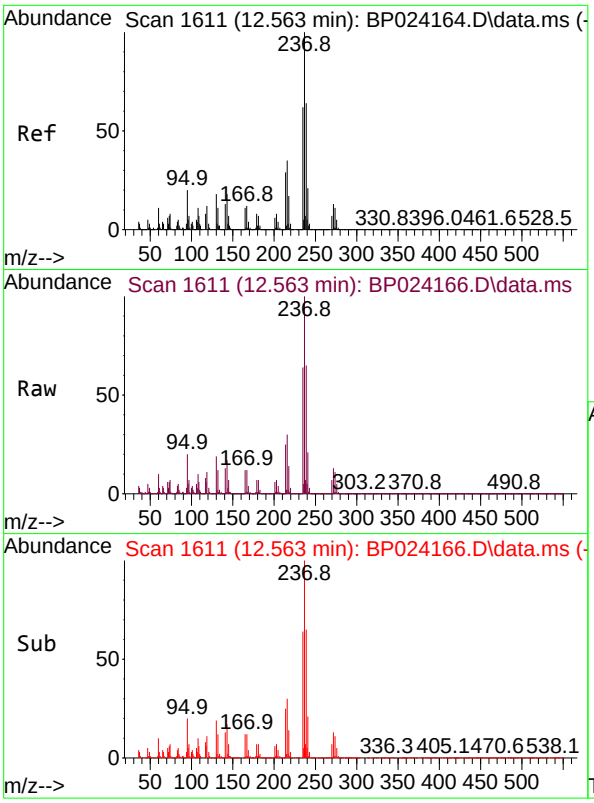


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.382 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:216 Resp: 1707961

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	20.9	16.8	25.2
108	18.1	14.7	22.1



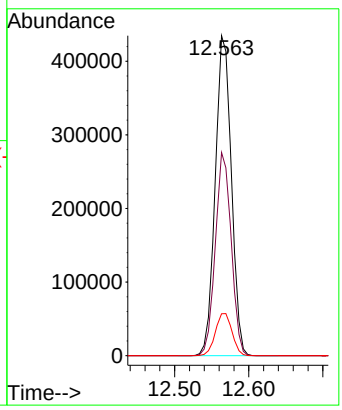


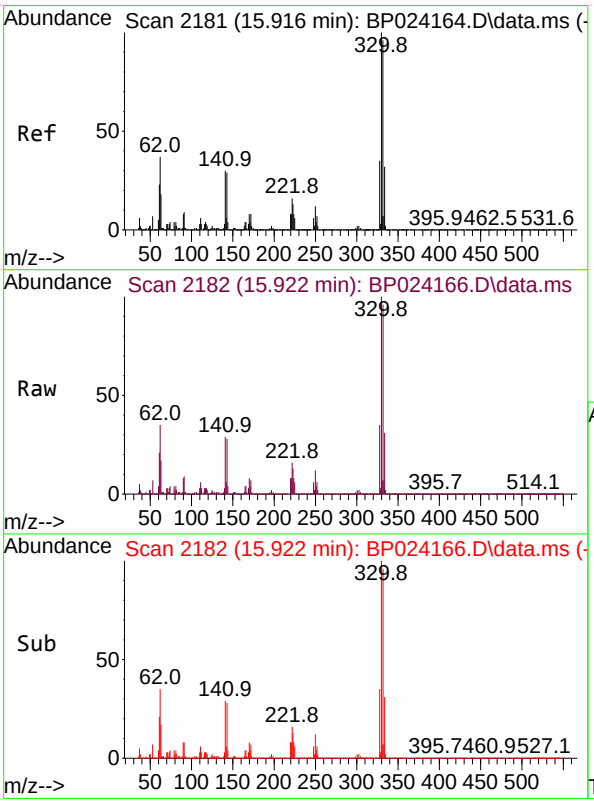
#41
Hexachlorocyclopentadiene
Concen: 61.365 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 656781

Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.8	81.8
272	13.1	0.0	33.5

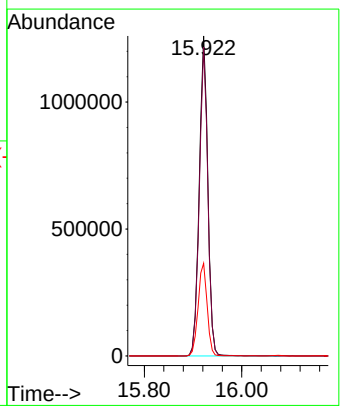


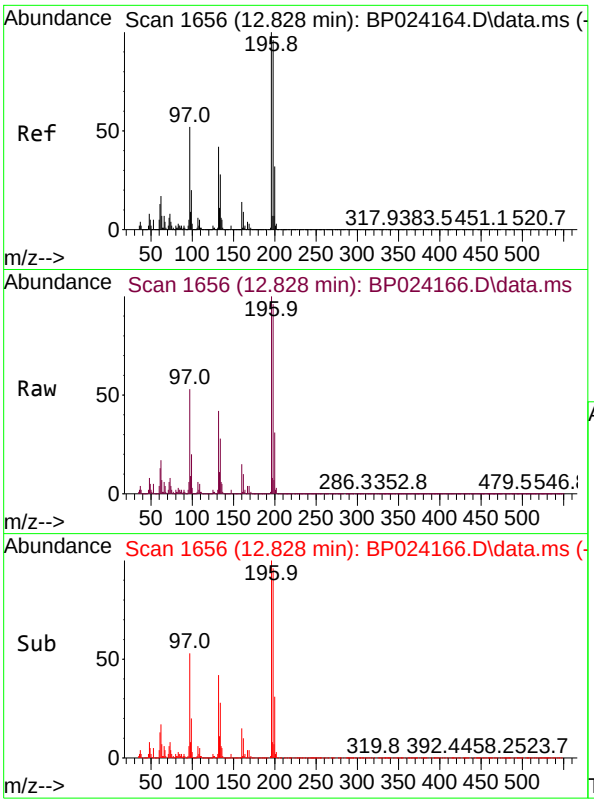


#42
2,4,6-Tribromophenol
Concen: 134.511 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:330 Resp: 1542341

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	30.6	25.0	37.6



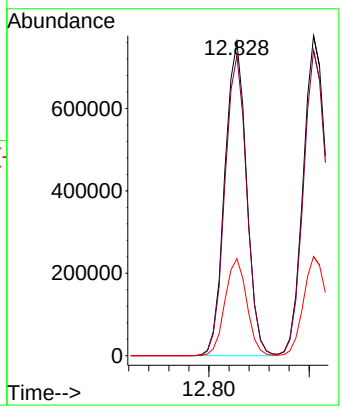


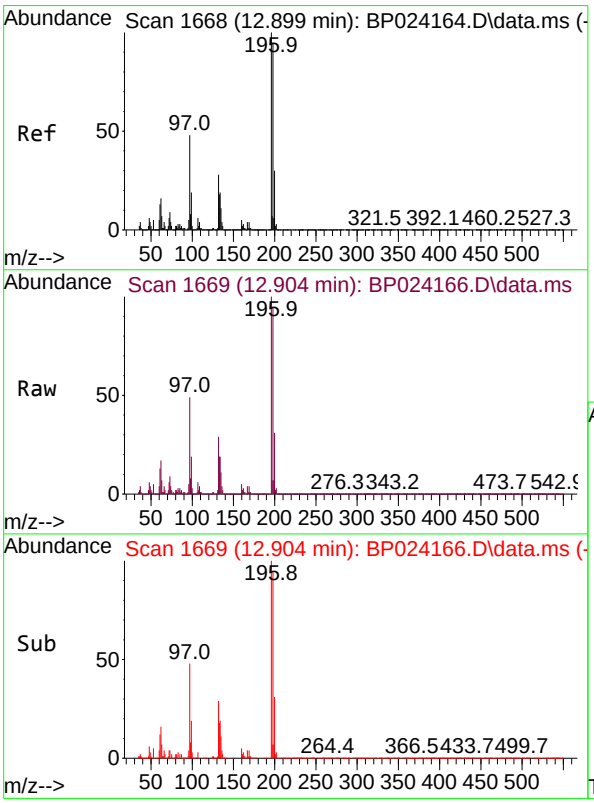
#43
2,4,6-Trichlorophenol
Concen: 65.478 ng
RT: 12.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 1148545

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	115.0
200	30.9	25.4	38.0

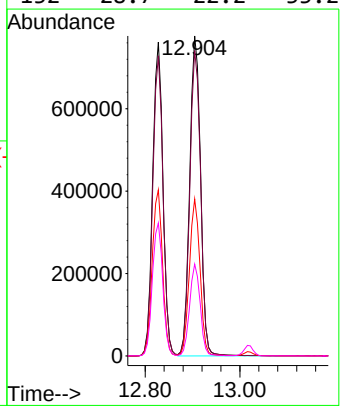


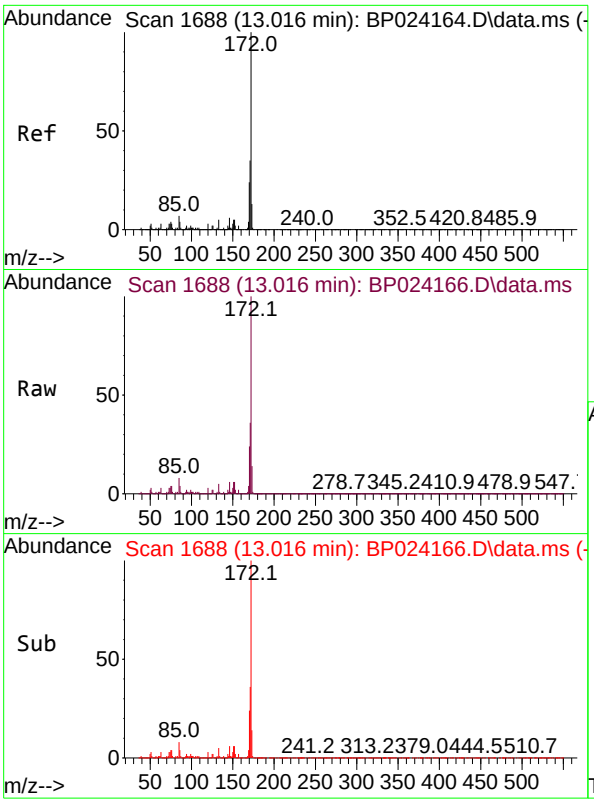


#44
2,4,5-Trichlorophenol
Concen: 64.282 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:196 Resp: 1233147

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.5	114.7
97	49.0	38.7	58.1
132	28.7	22.2	33.2



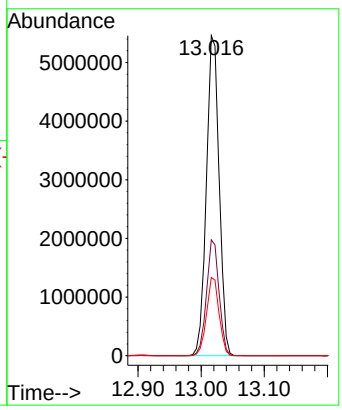


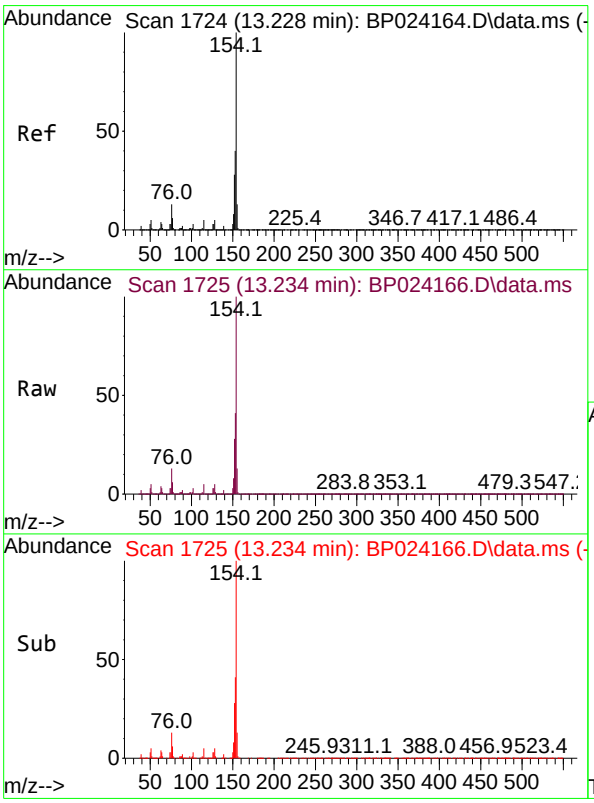
#45
2-Fluorobiphenyl
Concen: 114.626 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 7675412

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	24.5	19.0	28.4

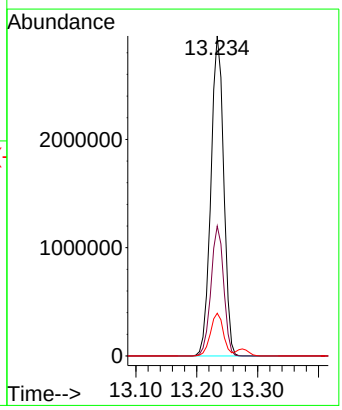


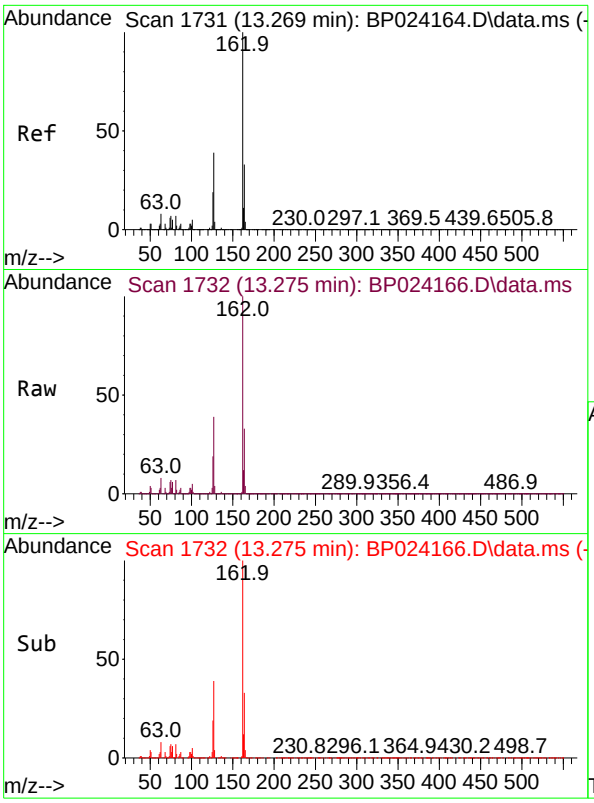


#46
1,1'-Biphenyl
Concen: 59.291 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:154 Resp: 4312903

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.4	0.0	32.9



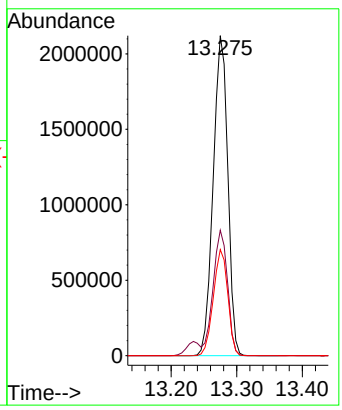


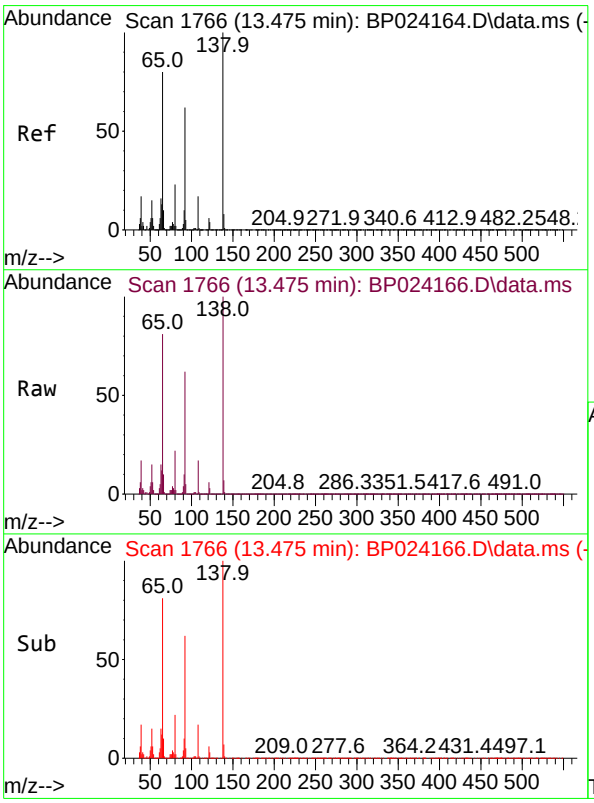
#47
2-Chloronaphthalene
Concen: 59.452 ng
RT: 13.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 3269176

Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.5	47.3
164	33.2	26.6	39.8

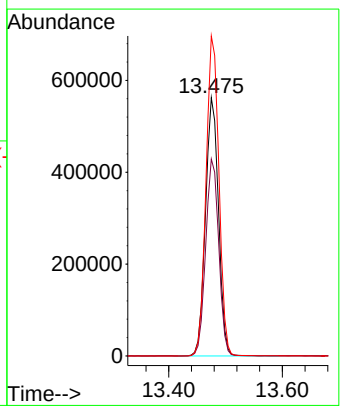


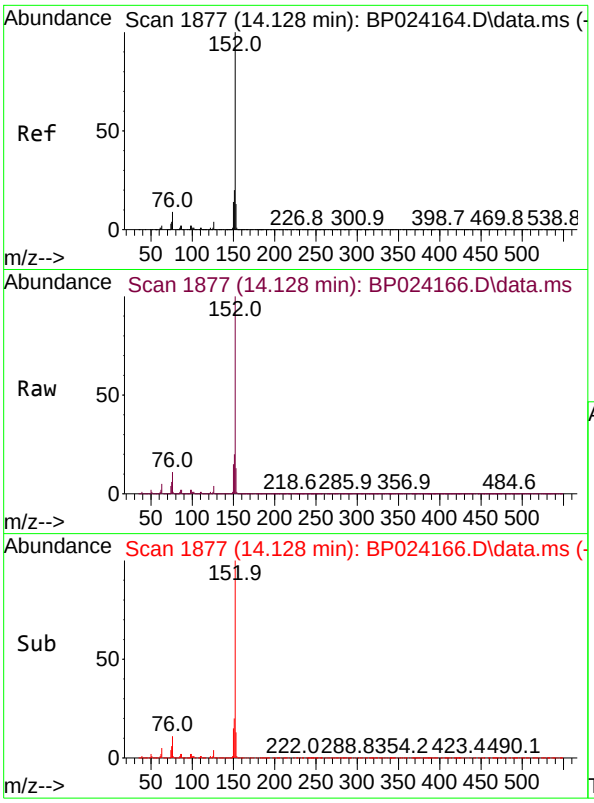


#48
2-Nitroaniline
Concen: 68.533 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 65 Resp: 890207

Ion	Ratio	Lower	Upper
65	100		
92	76.3	62.1	93.1
138	123.9	99.5	149.3



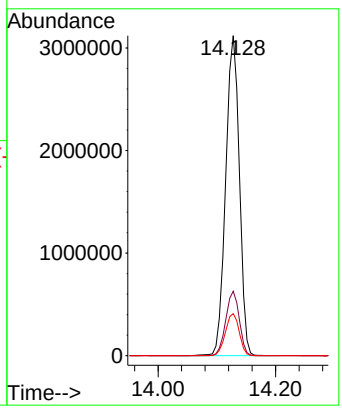


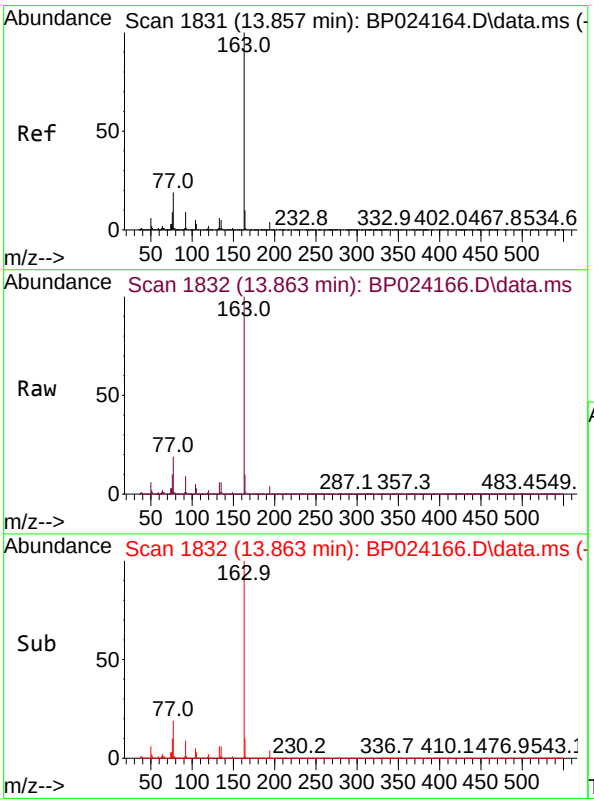
#49
Acenaphthylene
Concen: 62.024 ng
RT: 14.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 5025011

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.1	10.6	15.8

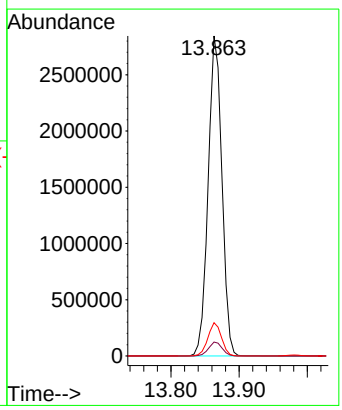


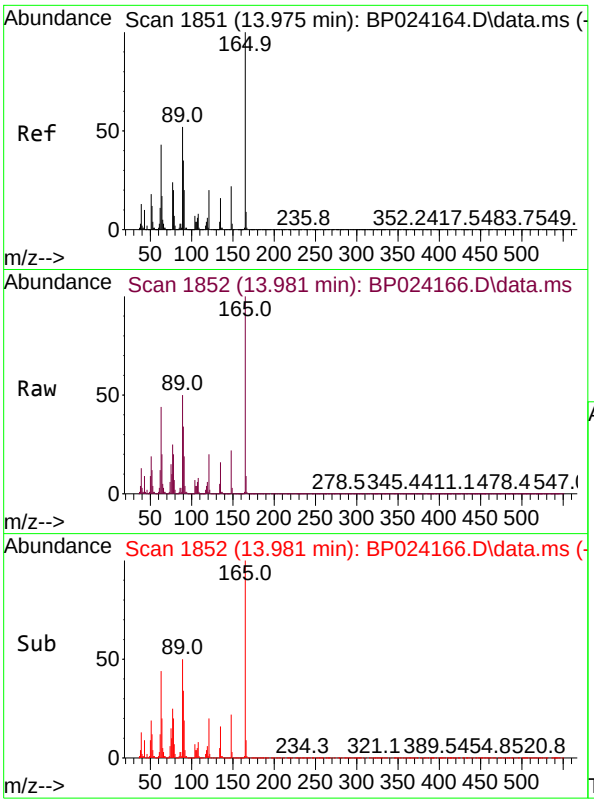


#50
Dimethylphthalate
Concen: 60.542 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:163 Resp: 3997694

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.2	12.4



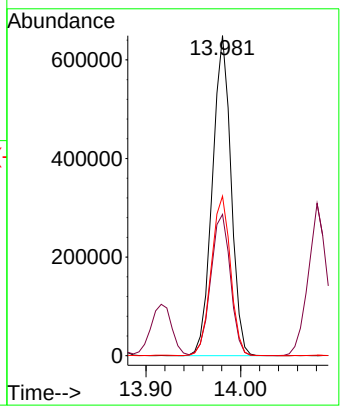


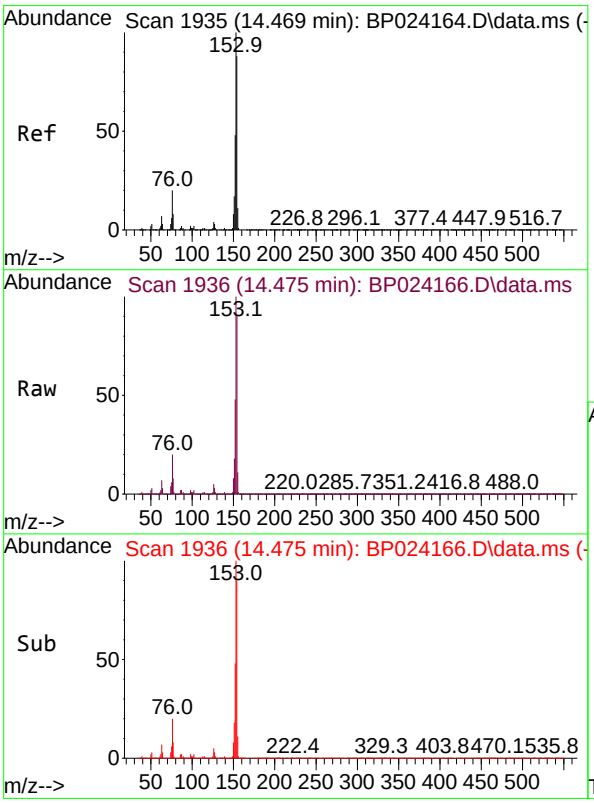
#51
2,6-Dinitrotoluene
Concen: 65.996 ng
RT: 13.981 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 887706

Ion	Ratio	Lower	Upper
165	100		
63	44.1	37.7	56.5
89	49.9	41.9	62.9

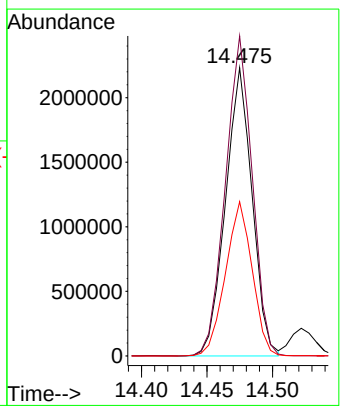


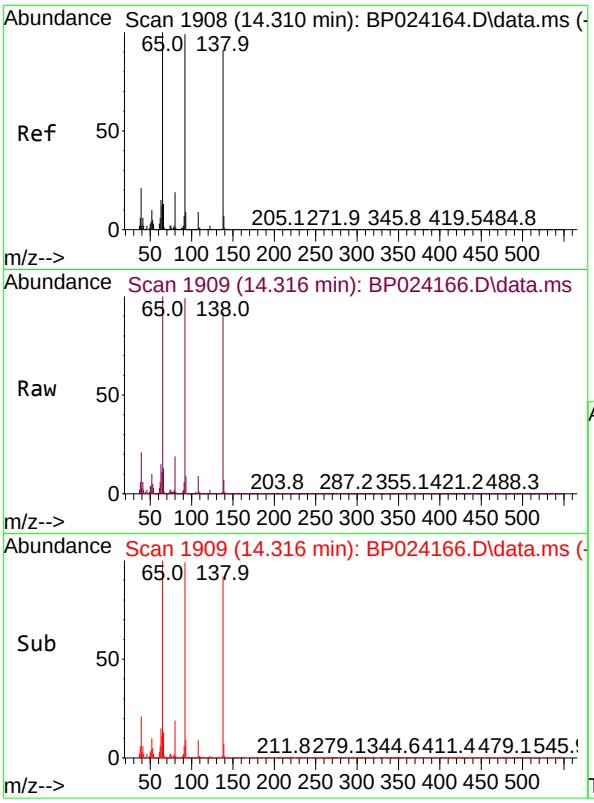


#52
Acenaphthene
Concen: 60.450 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:154 Resp: 3153799

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.5	135.7
152	53.5	43.1	64.7



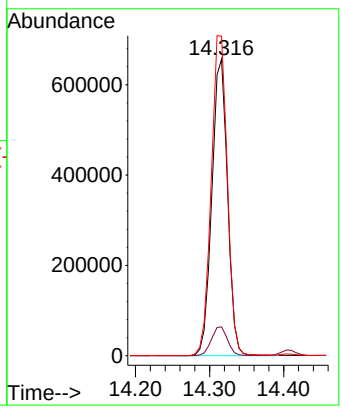


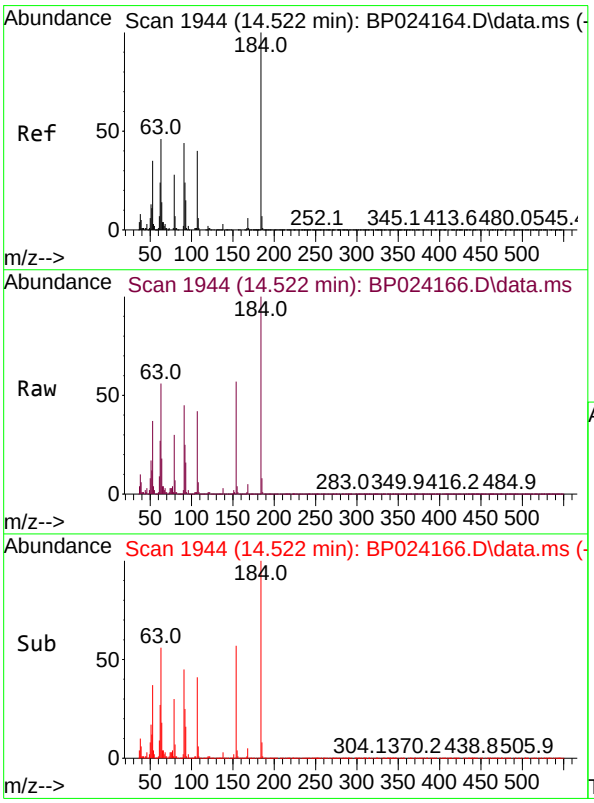
#53
3-Nitroaniline
Concen: 67.123 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 963434

Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.2	12.2
92	107.7	86.7	130.1

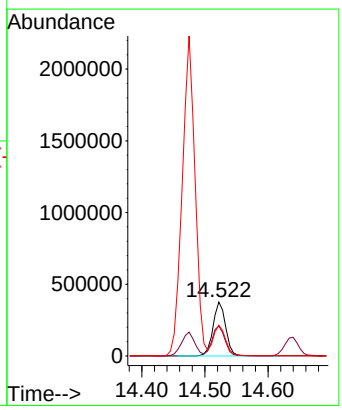


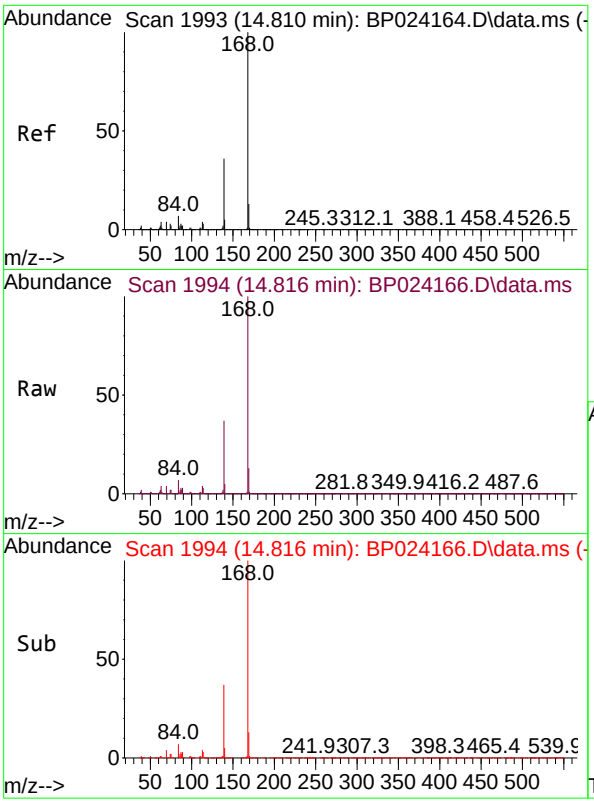


#54
2,4-Dinitrophenol
Concen: 73.093 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:184 Resp: 523590

Ion	Ratio	Lower	Upper
184	100		
63	55.6	42.1	63.1
154	56.9	44.6	67.0



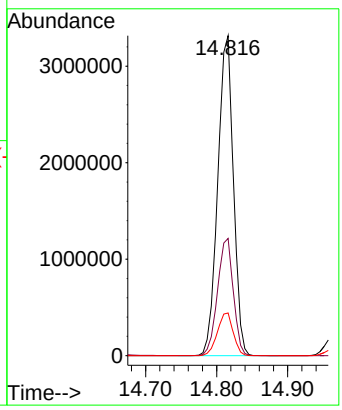


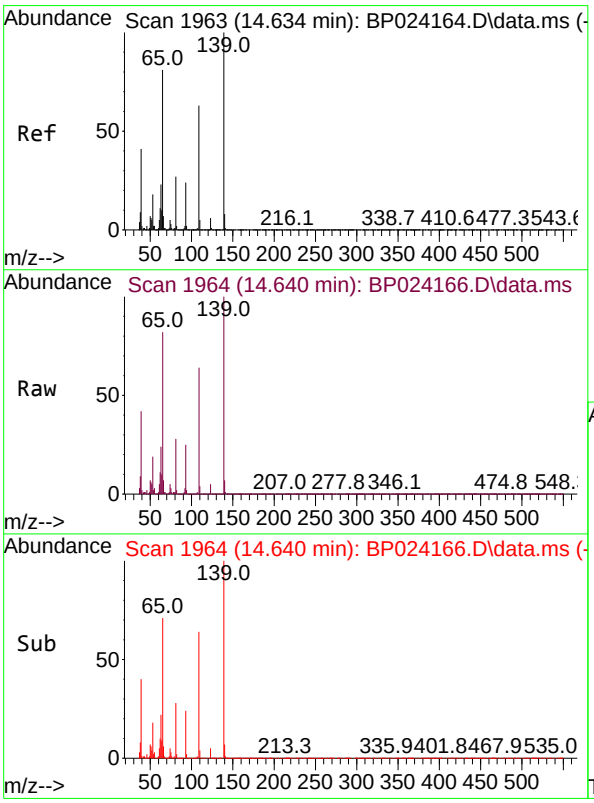
#55
Dibenzofuran
Concen: 59.602 ng
RT: 14.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 5051493

Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.1	43.7
169	13.4	10.8	16.2

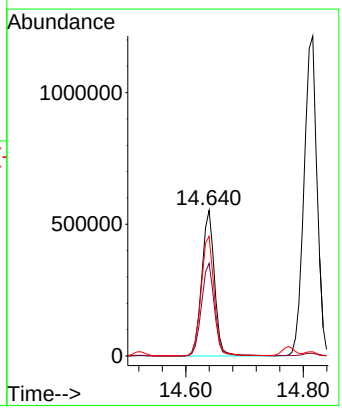


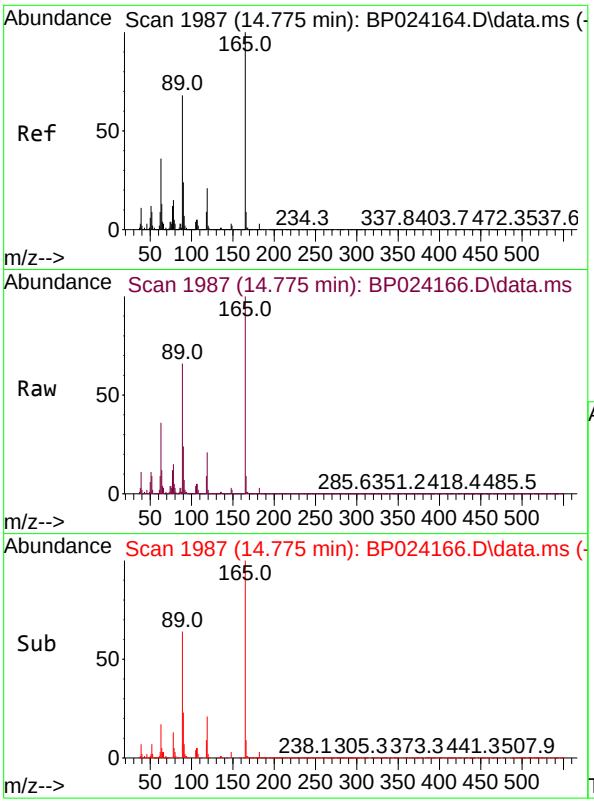


#56
4-Nitrophenol
Concen: 67.086 ng
RT: 14.640 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:139 Resp: 831765

Ion	Ratio	Lower	Upper
139	100		
109	63.5	43.3	83.3
65	82.1	61.2	101.2



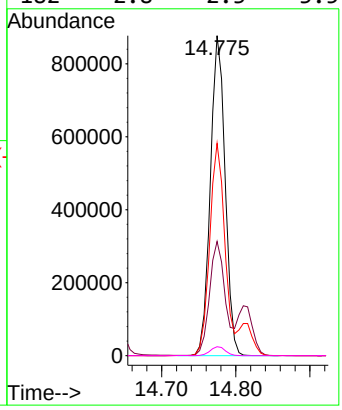


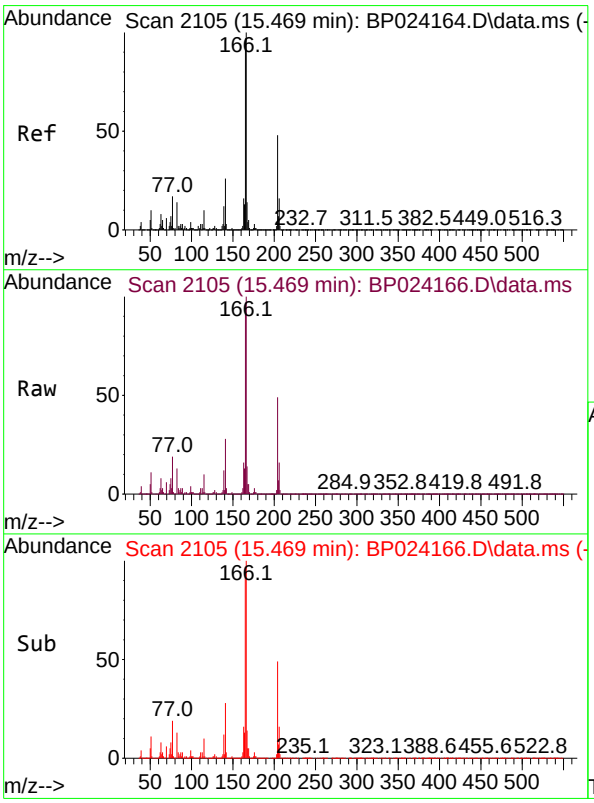
#57
2,4-Dinitrotoluene
Concen: 69.346 ng
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1211692

Ion	Ratio	Lower	Upper
165	100		
63	35.7	29.0	43.6
89	66.4	54.2	81.4
182	2.8	2.3	3.5

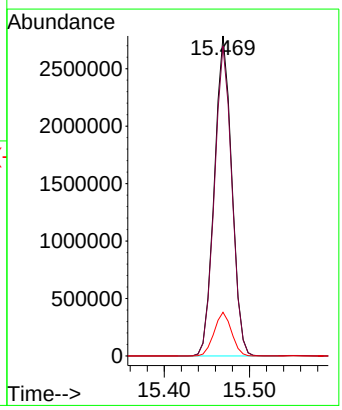


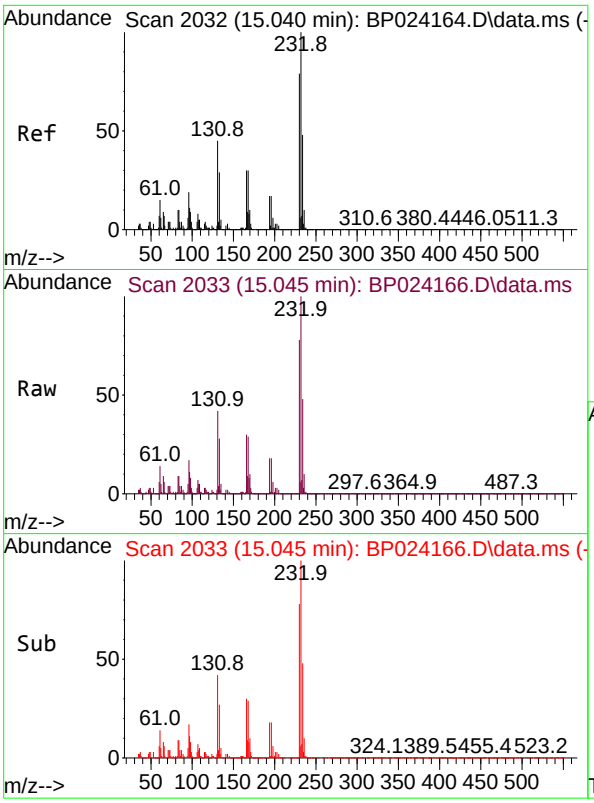


#58
Fluorene
Concen: 59.702 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:166 Resp: 3951671

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.6	116.4
167	13.7	10.8	16.2



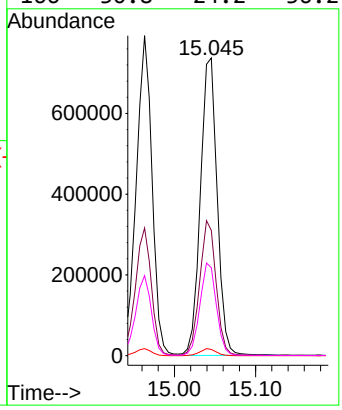


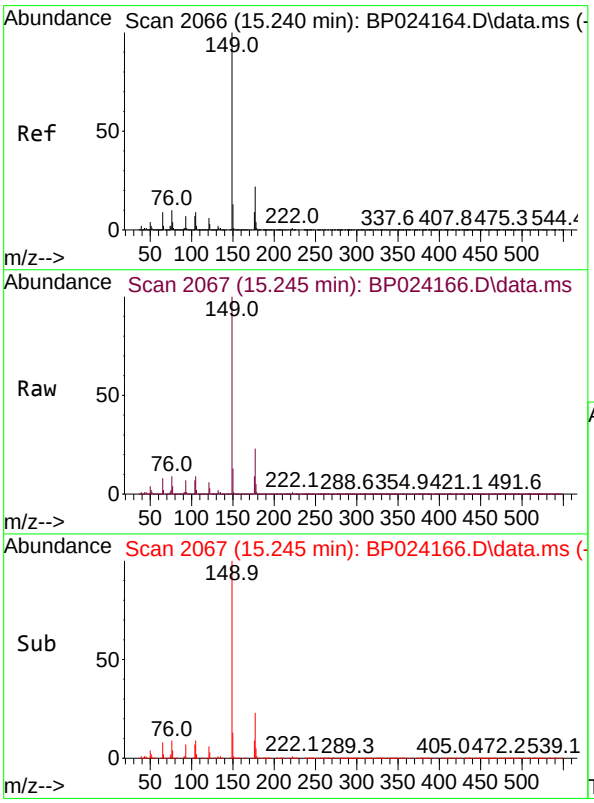
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.439 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 1055860

Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.9	53.9
130	2.3	1.8	2.6
166	30.8	24.2	36.2

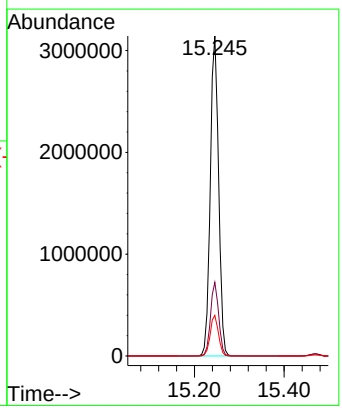


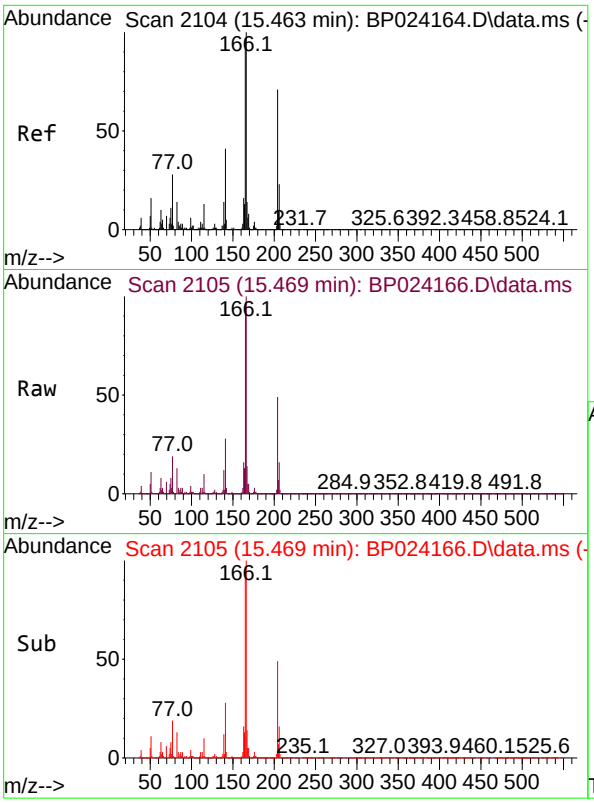


#60
Diethylphthalate
Concen: 61.486 ng
RT: 15.245 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:149 Resp: 4030341

Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.7	26.5
150	12.7	10.2	15.4



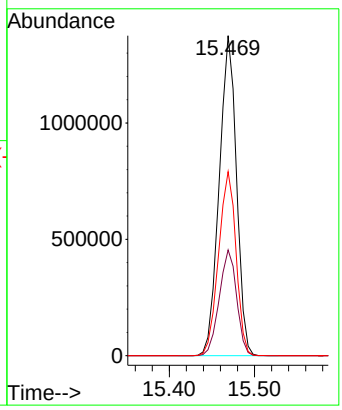


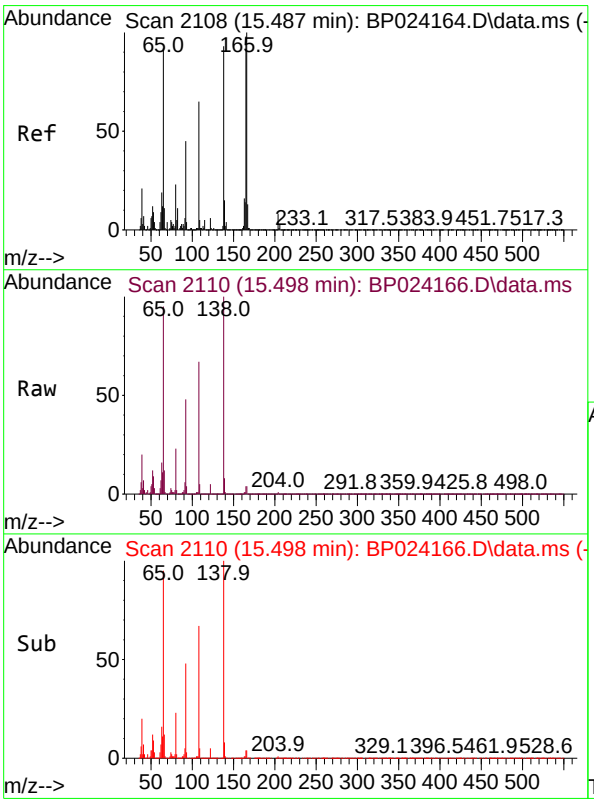
#61
4-Chlorophenyl-phenylether
Concen: 59.370 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1934265

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	57.5	45.8	68.8

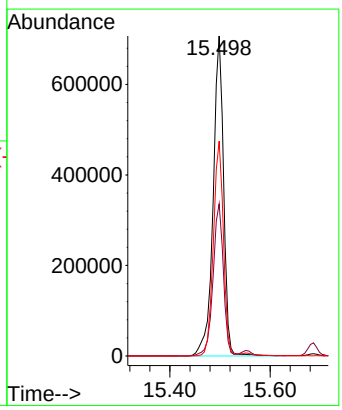


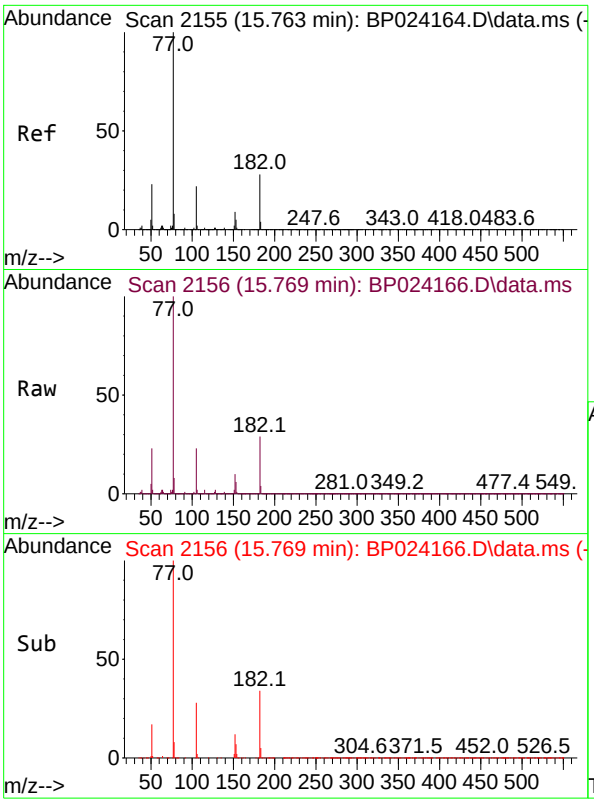


#62
4-Nitroaniline
Concen: 68.824 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:138 Resp: 1025149

Ion	Ratio	Lower	Upper
138	100		
92	47.5	28.7	68.7
108	67.1	49.5	89.5



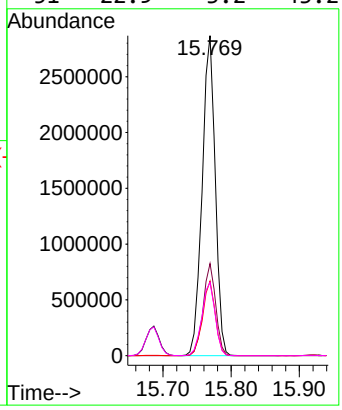


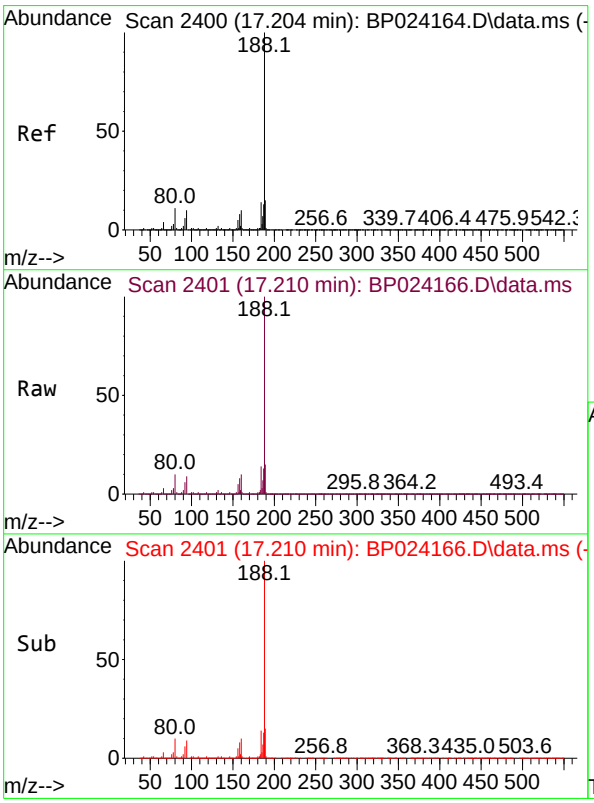
#63
Azobenzene
Concen: 62.340 ng
RT: 15.769 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3829148

Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.7	47.7
105	23.3	2.3	42.3
51	22.9	3.2	43.2

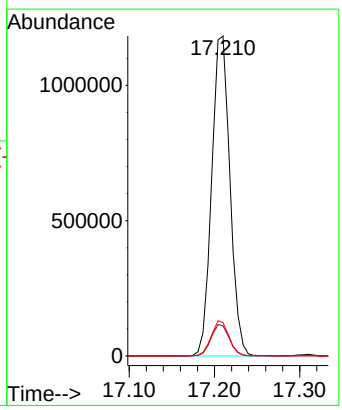


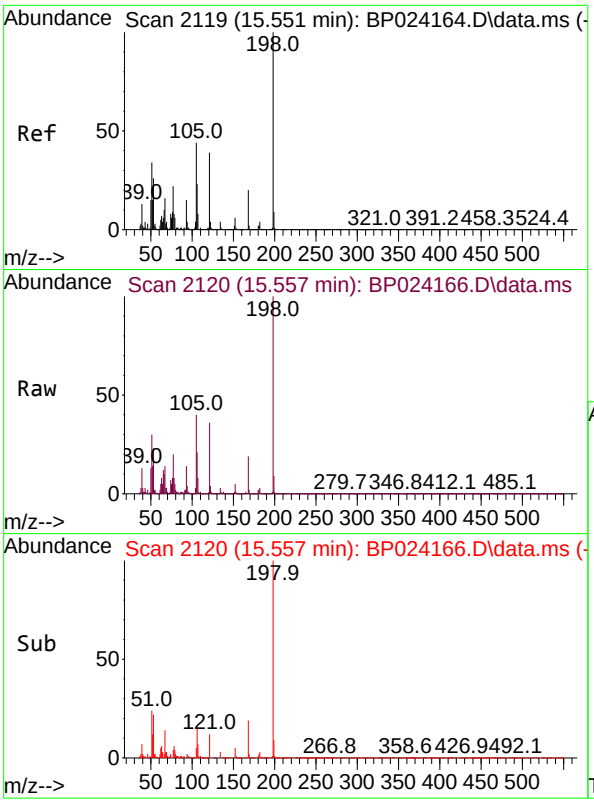


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:188 Resp: 1759587

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.5	8.9	13.3



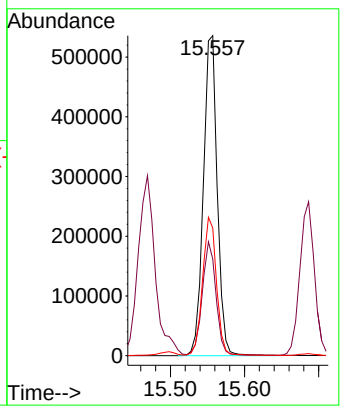


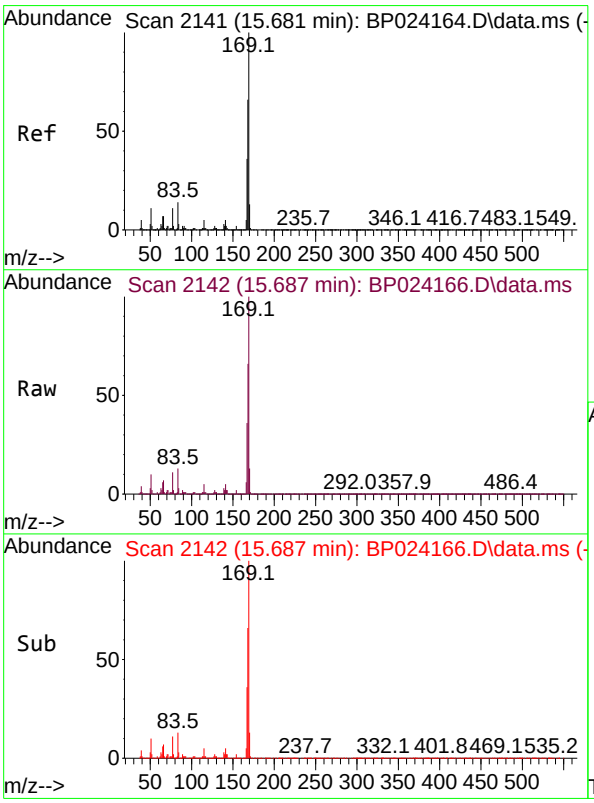
#65
4,6-Dinitro-2-methylphenol
Concen: 68.563 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 698260

Ion	Ratio	Lower	Upper
198	100		
51	30.2	14.7	54.7
105	39.9	23.8	63.8

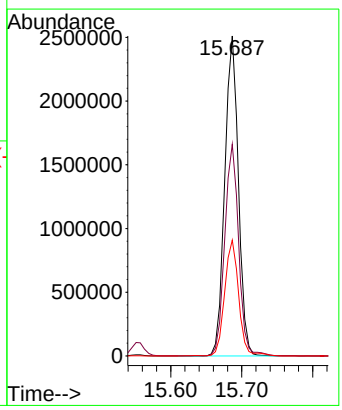


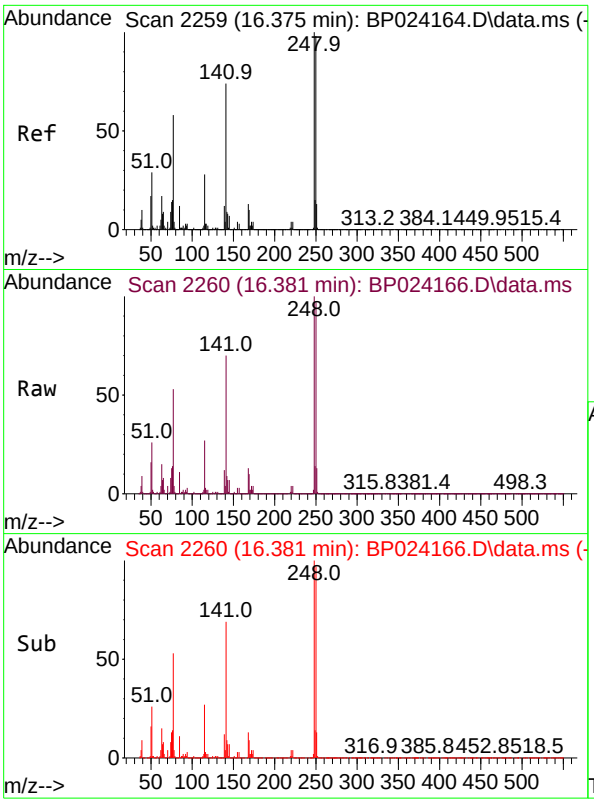


#66
n-Nitrosodiphenylamine
Concen: 60.776 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:169 Resp: 3334914

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.9	79.3
167	36.2	28.8	43.2



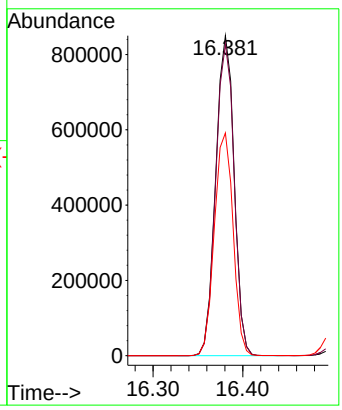


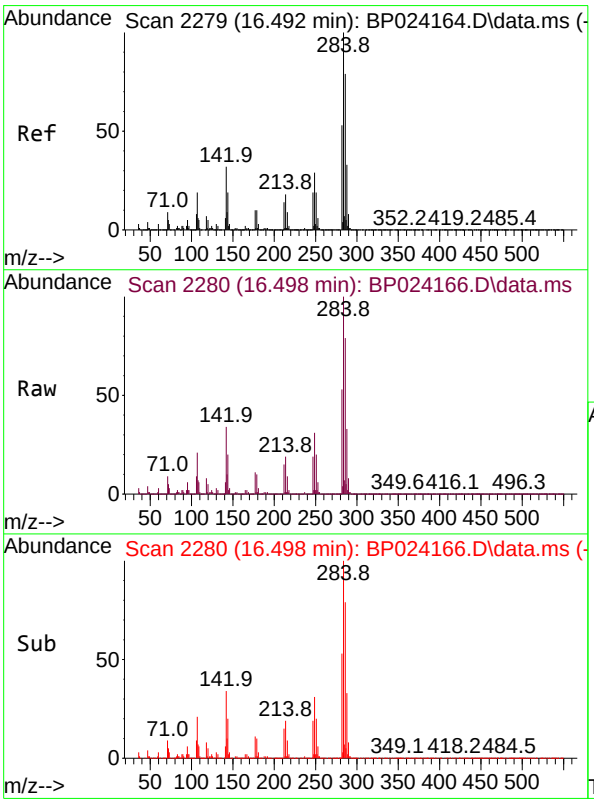
#67
4-Bromophenyl-phenylether
Concen: 61.311 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1211468

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.4	117.6
141	69.6	59.4	89.0

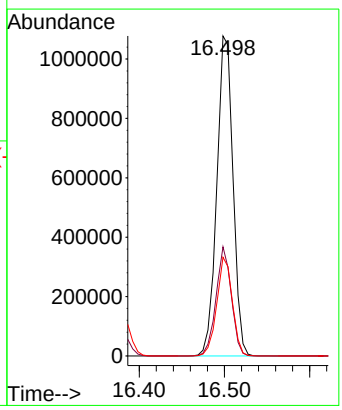


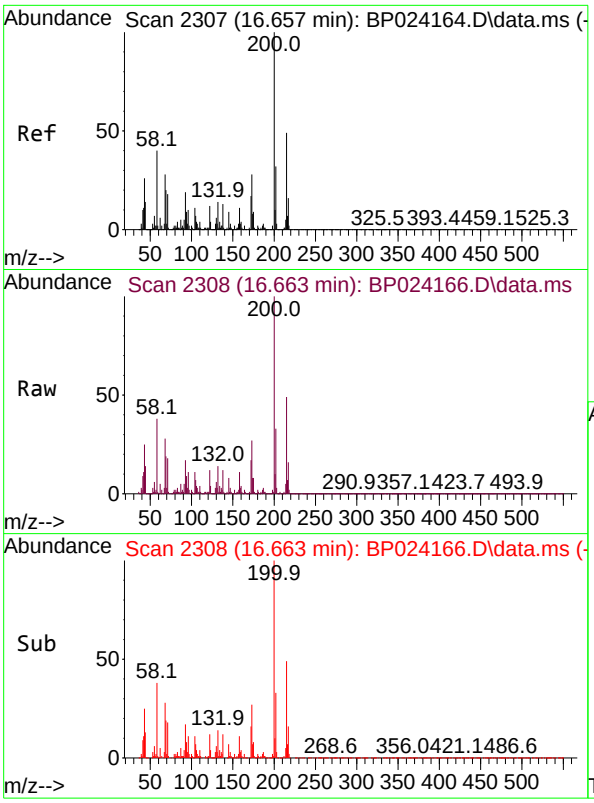


#68
Hexachlorobenzene
Concen: 61.320 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:284 Resp: 1425714

Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.4	38.2
249	30.9	23.5	35.3



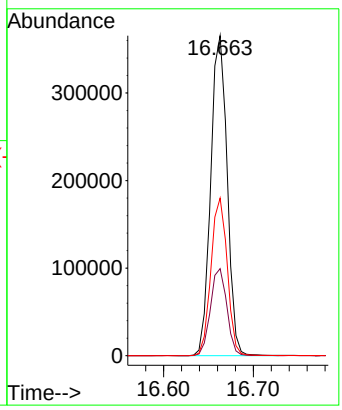


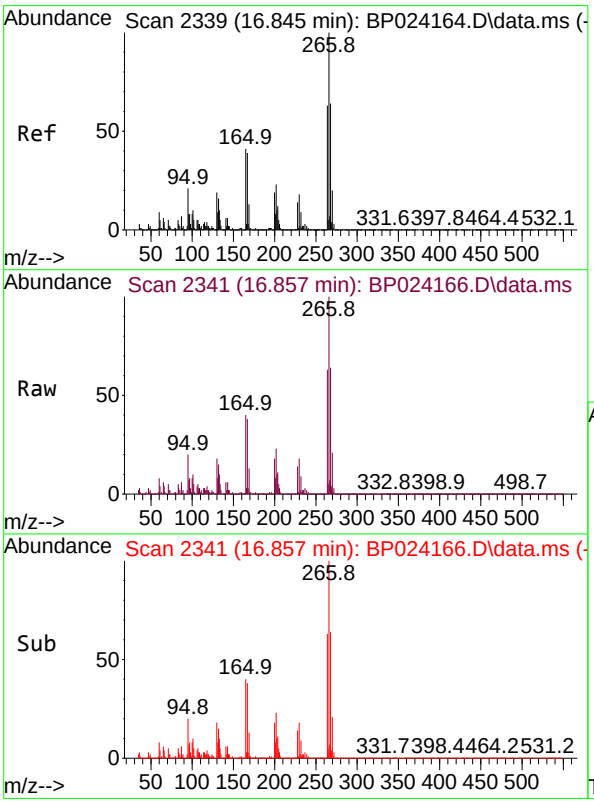
#69
Atrazine
Concen: 33.031 ng
RT: 16.663 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 465136

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.6	47.6
215	49.3	29.0	69.0

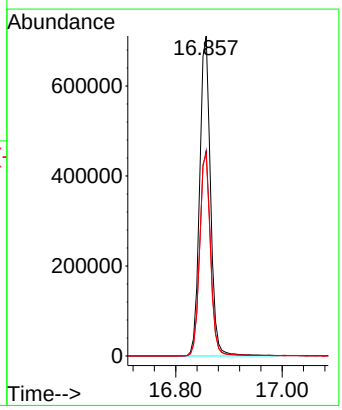


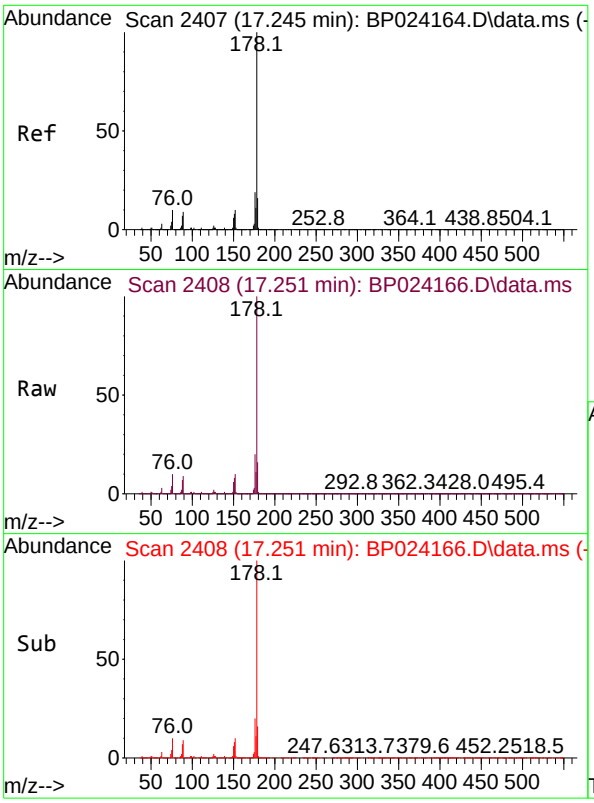


#70
Pentachlorophenol
Concen: 66.402 ng
RT: 16.857 min Scan# 2341
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:266 Resp: 1002726

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.3	76.9
264	63.1	50.6	76.0



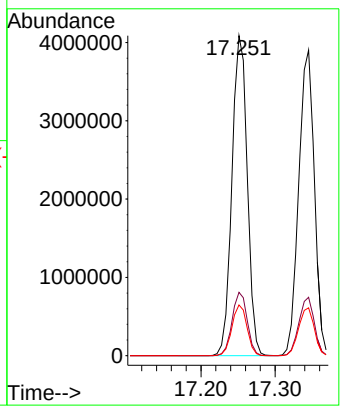


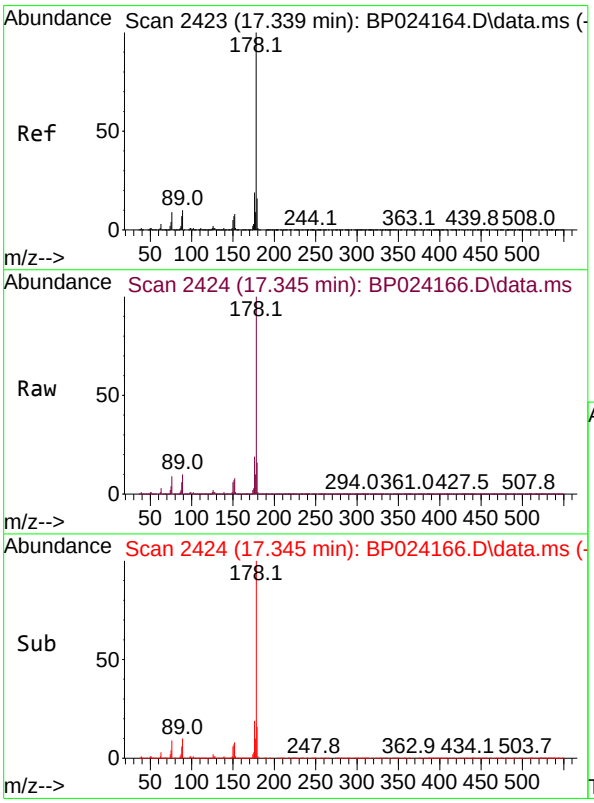
#71
Phenanthrene
Concen: 59.103 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 5863198

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.9	12.5	18.7

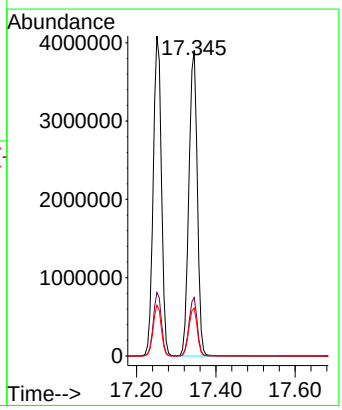


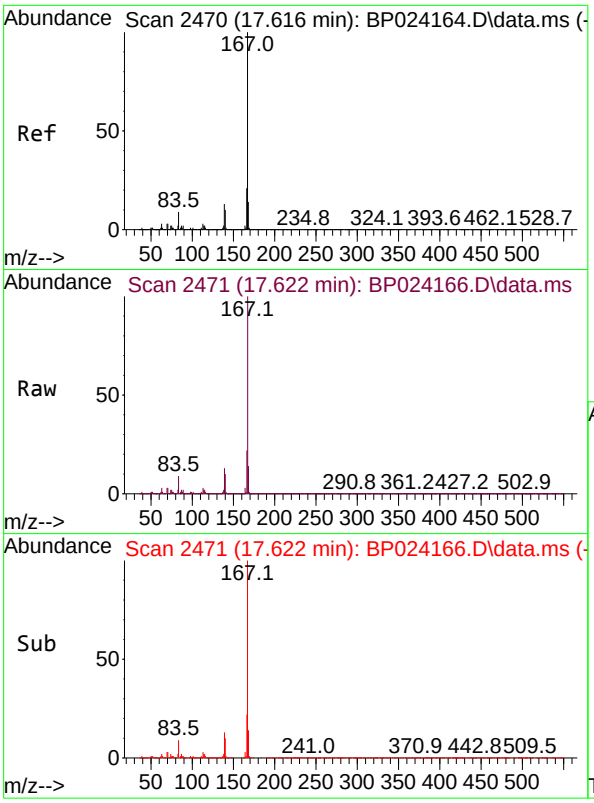


#72
Anthracene
Concen: 60.532 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:178 Resp: 5754537

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.6	12.6	18.8



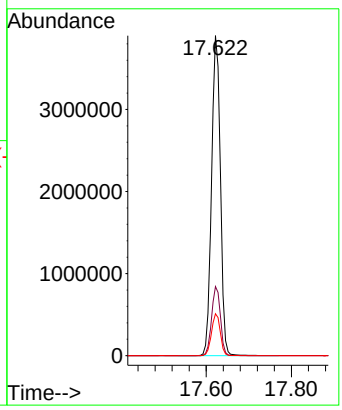


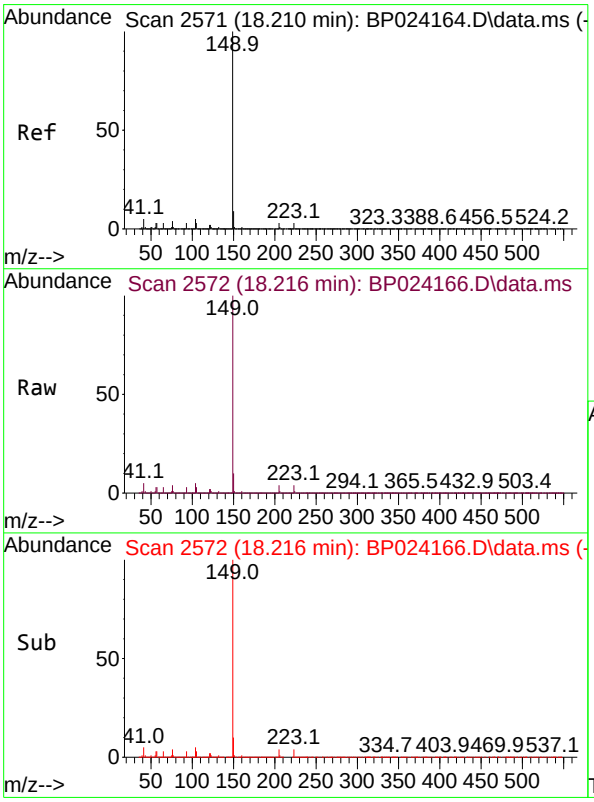
#73
Carbazole
Concen: 61.810 ng
RT: 17.622 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 5598533

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.1	10.2	15.4

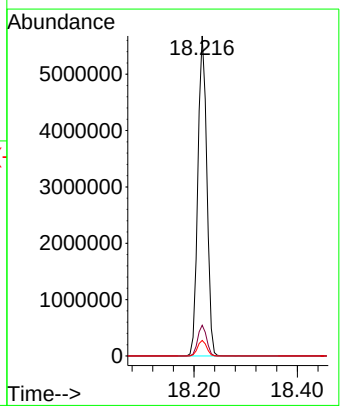


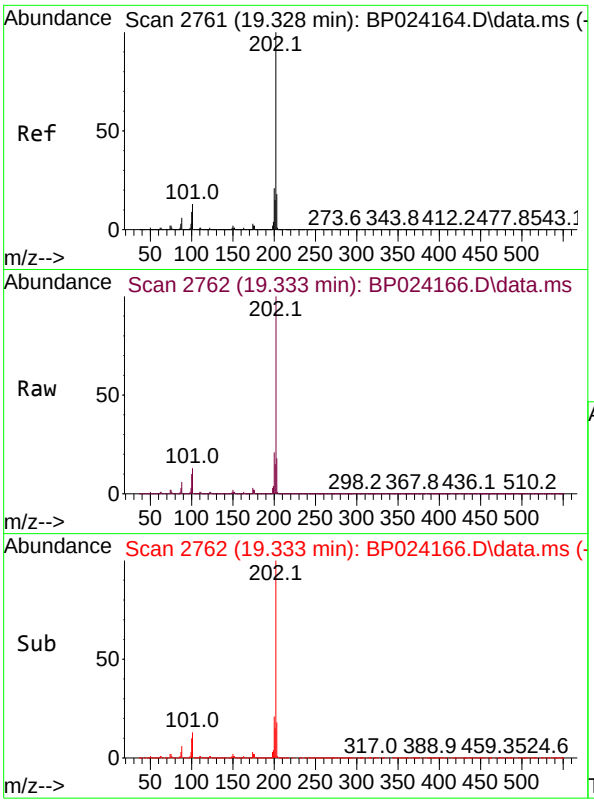


#74
Di-n-butylphthalate
Concen: 64.761 ng
RT: 18.216 min Scan# 2572
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:149 Resp: 6844468

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.9	3.9	5.9



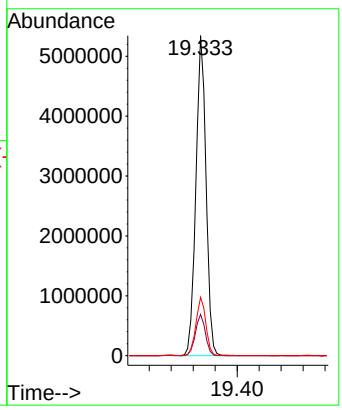


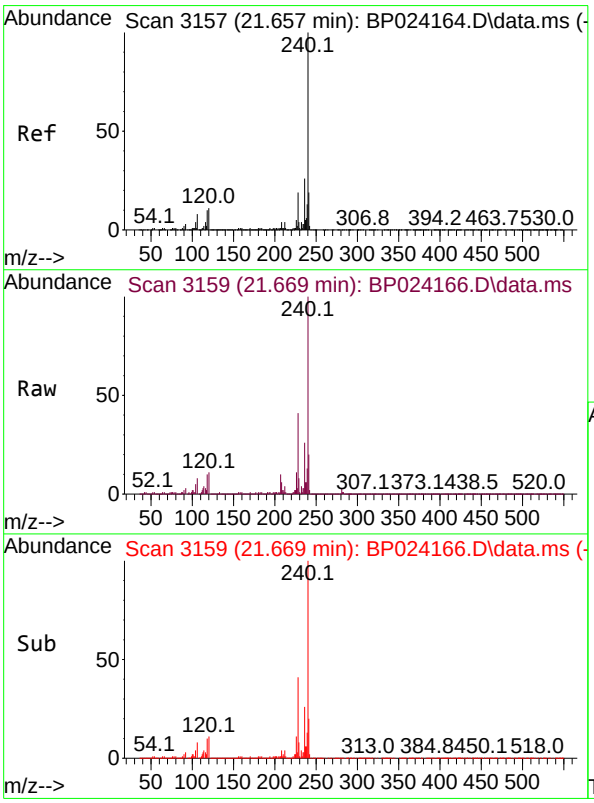
#75
Fluoranthene
Concen: 61.042 ng
RT: 19.333 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 6849338

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.5
203	18.2	0.0	37.9

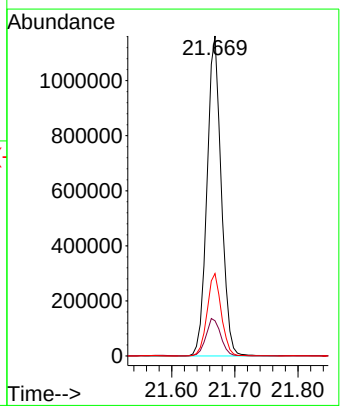


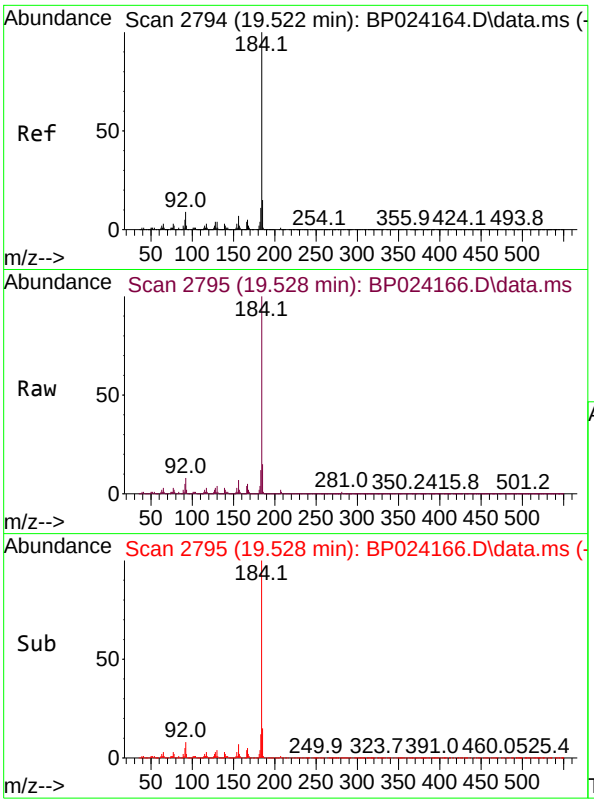


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3159
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:240 Resp: 1817869

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.2	13.8
236	25.7	20.4	30.6



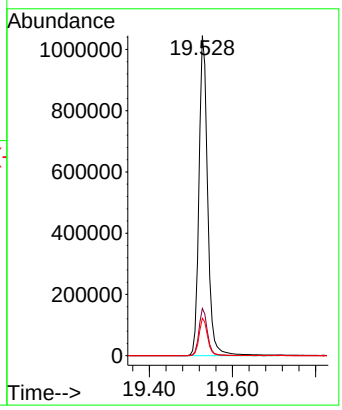


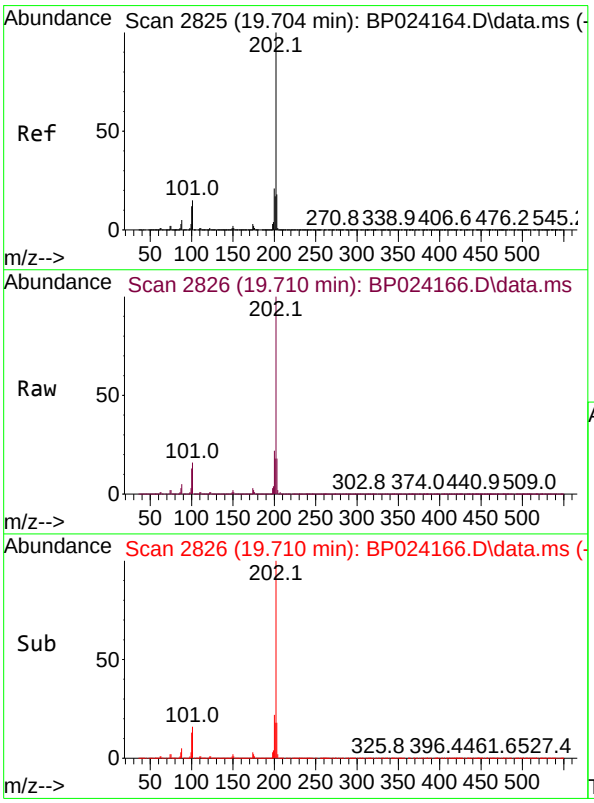
#77
Benzidine
Concen: 68.561 ng
RT: 19.528 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1518742

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	11.7	9.1	13.7

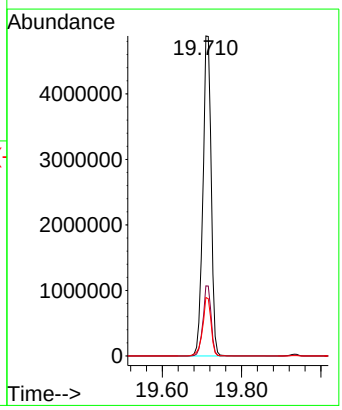


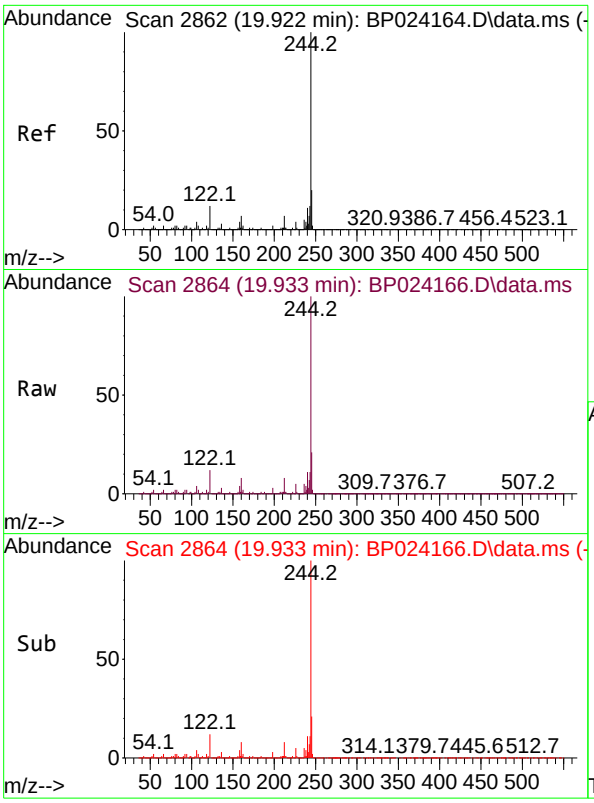


#78
Pyrene
Concen: 61.052 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:202 Resp: 7049649

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	18.2	14.2	21.4



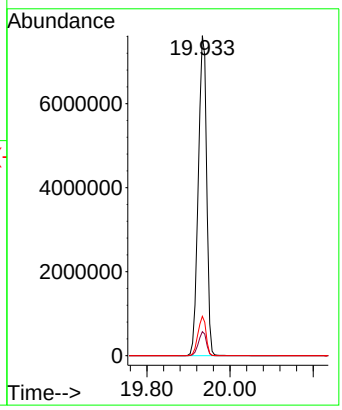


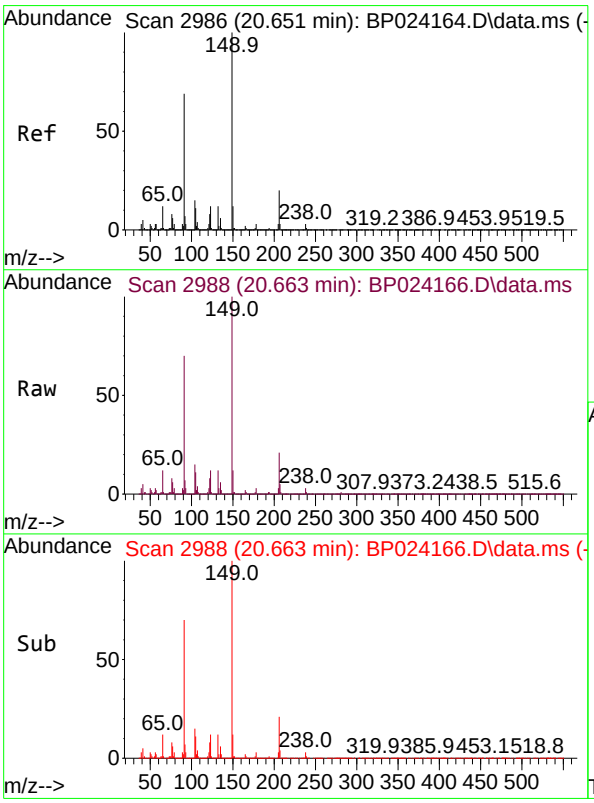
#79
Terphenyl-d14
Concen: 115.330 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:10595349

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	12.3	9.6	14.4

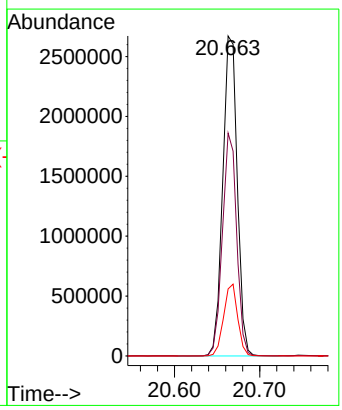


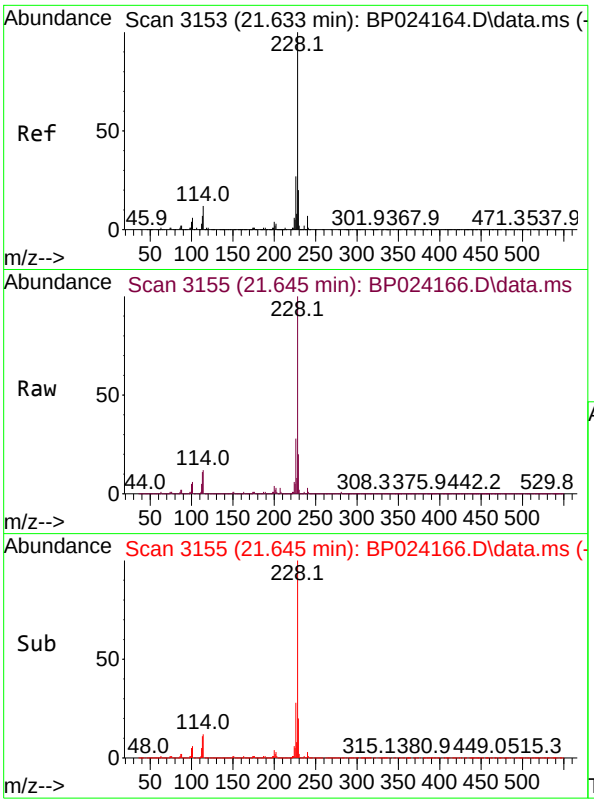


#80
Butylbenzylphthalate
Concen: 71.649 ng
RT: 20.663 min Scan# 2988
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:149 Resp: 3170269

Ion	Ratio	Lower	Upper
149	100		
91	69.6	55.3	82.9
206	21.0	16.1	24.1



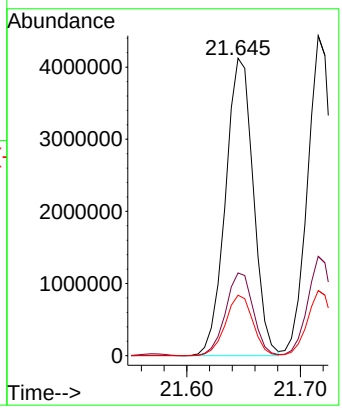


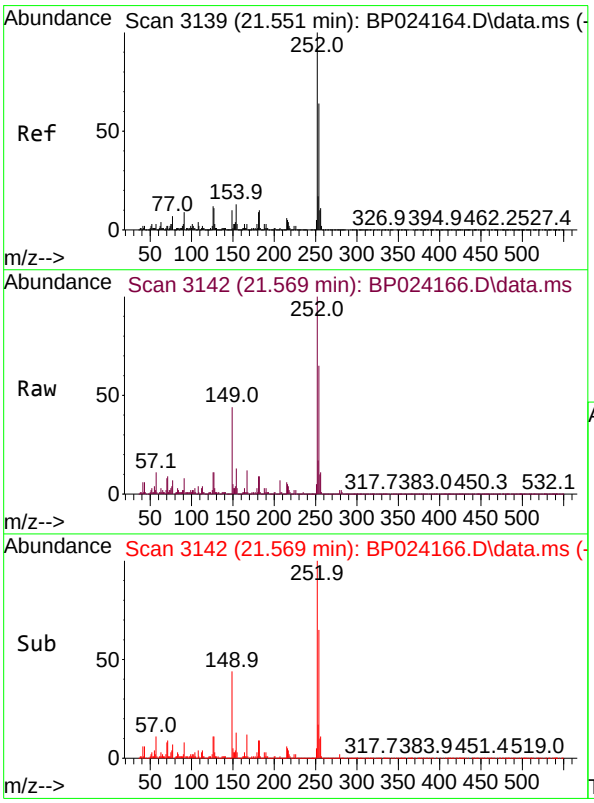
#81
Benzo(a)anthracene
Concen: 61.500 ng
RT: 21.645 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 7010330

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.4	16.0	24.0

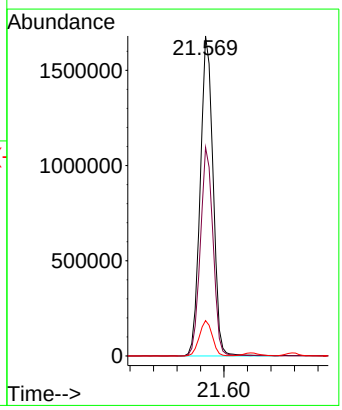


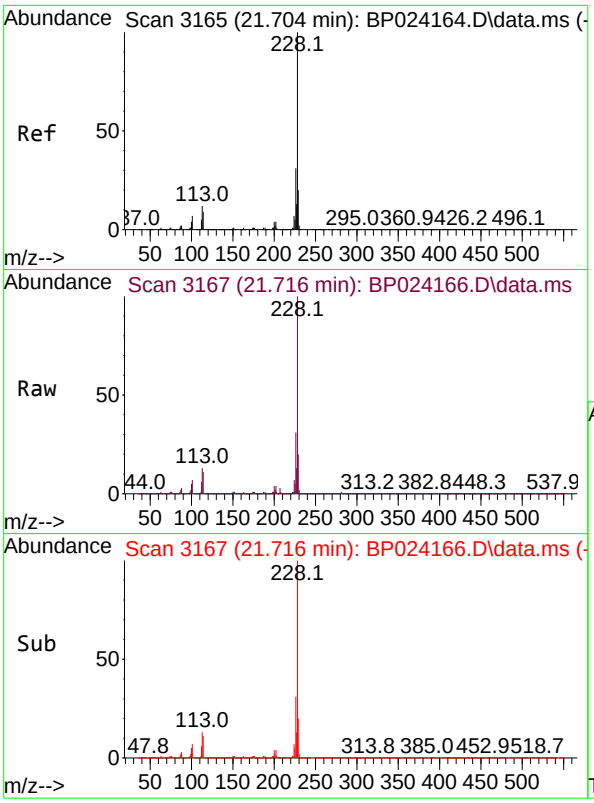


#82
3,3'-Dichlorobenzidine
Concen: 71.531 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:252 Resp: 2547922

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	11.1	9.3	13.9



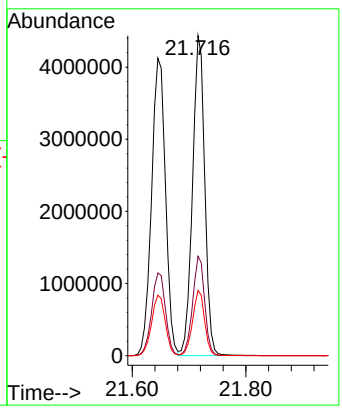


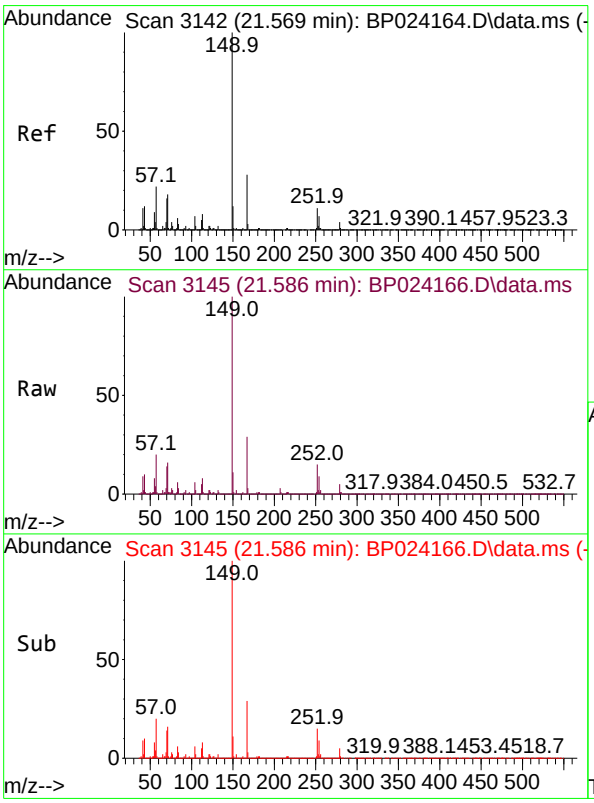
#83
Chrysene
Concen: 60.535 ng
RT: 21.716 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 6653811

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	20.3	16.2	24.2

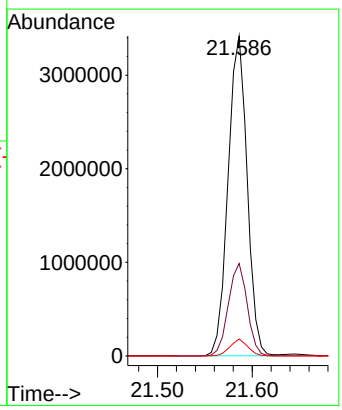


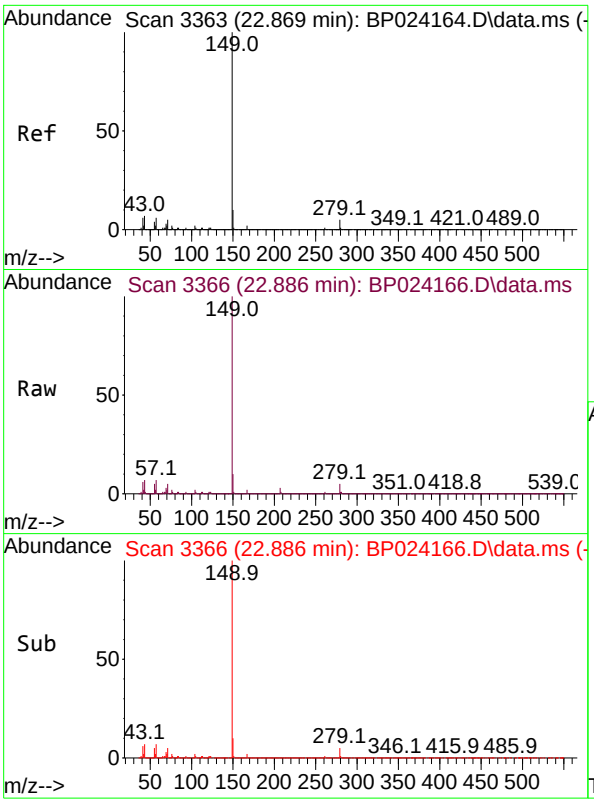


#84
Bis(2-ethylhexyl)phthalate
Concen: 71.363 ng
RT: 21.586 min Scan# 3145
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:149 Resp: 4788368

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.5	33.7
279	5.3	3.6	5.4



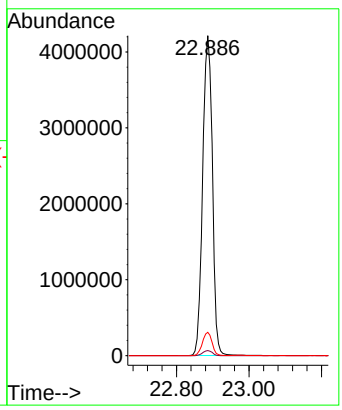


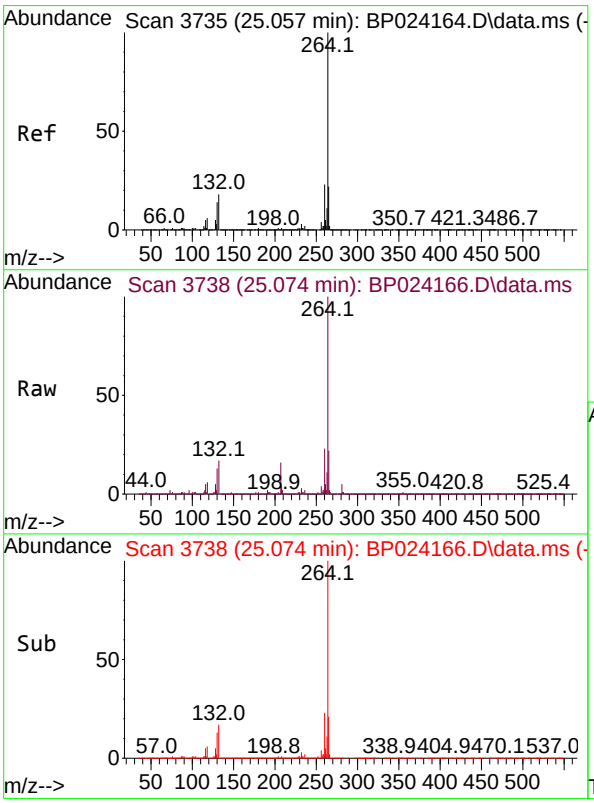
#85
Di-n-octyl phthalate
Concen: 72.964 ng
RT: 22.886 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 7825427

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8

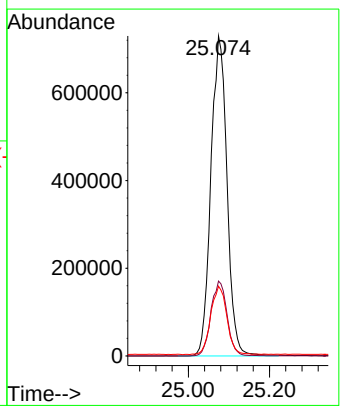


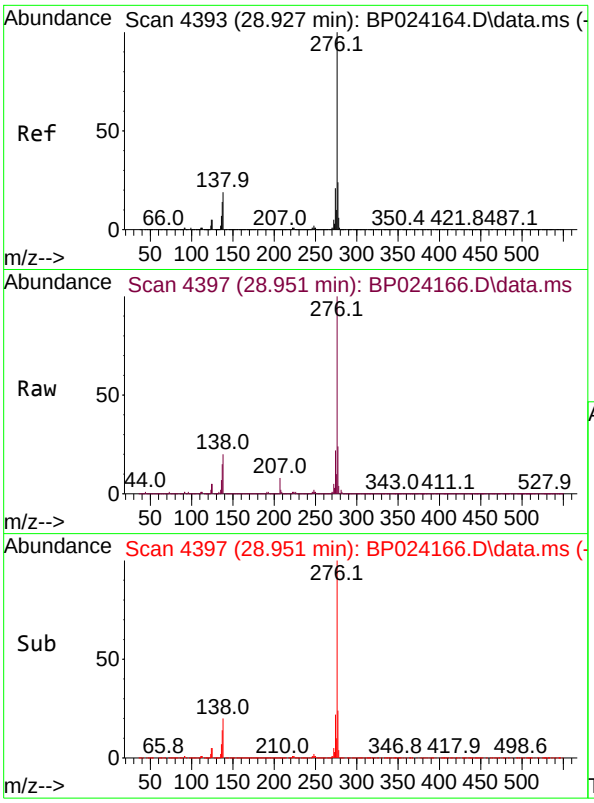


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.074 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:264 Resp: 2003229

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.8	17.7	26.5



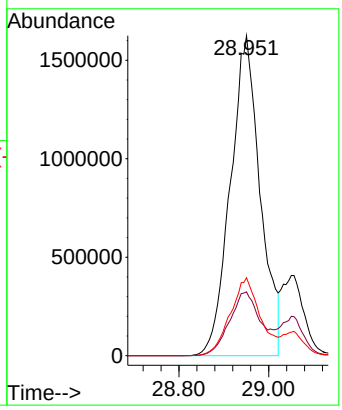


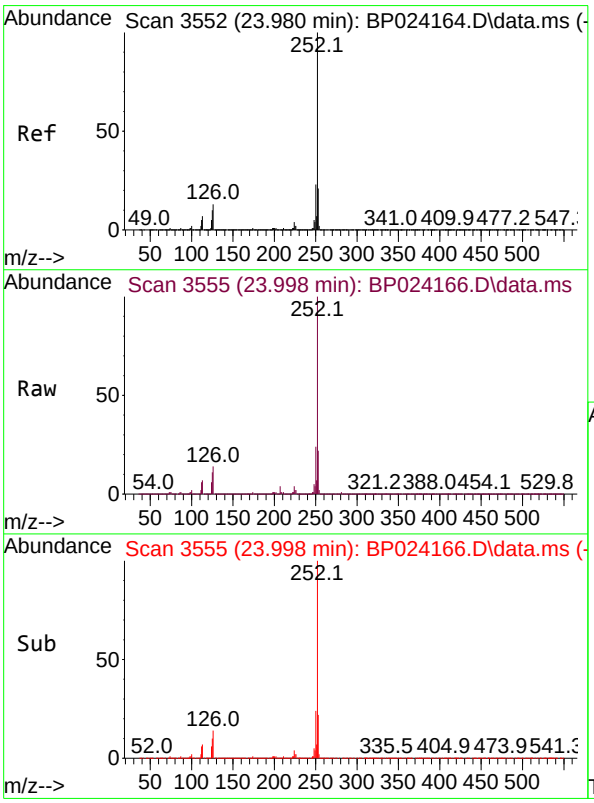
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.591 ng
RT: 28.951 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 7494916

Ion	Ratio	Lower	Upper
276	100		
138	20.9	13.7	20.5#
277	24.6	20.2	30.2

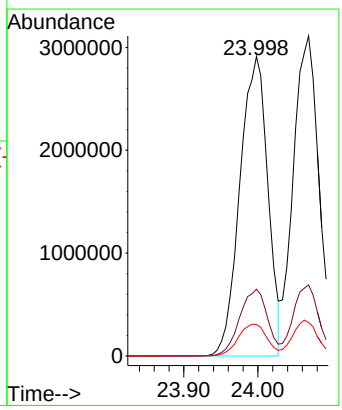


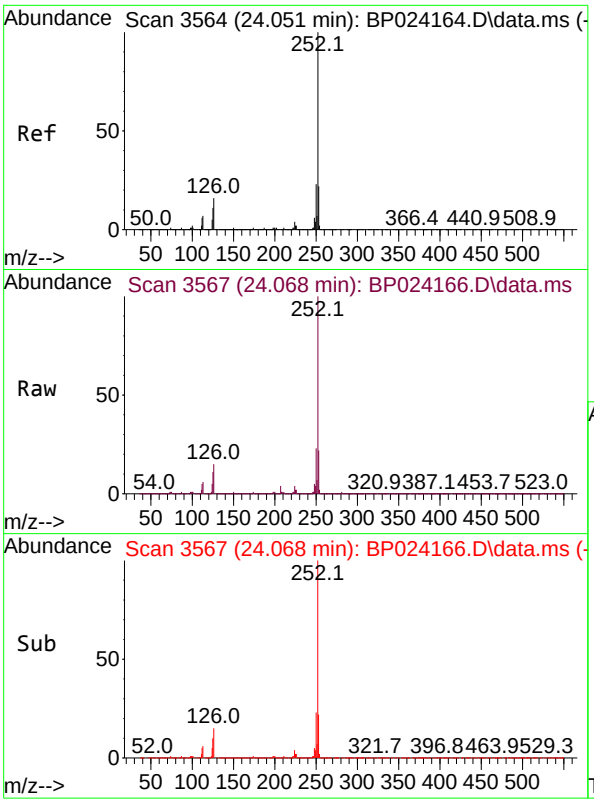


#88
Benzo(b)fluoranthene
Concen: 59.798 ng
RT: 23.998 min Scan# 3555
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:252 Resp: 7606878

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.5	8.2	12.4



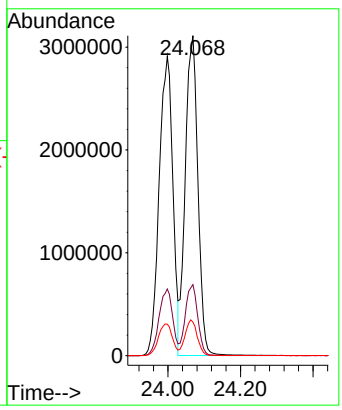


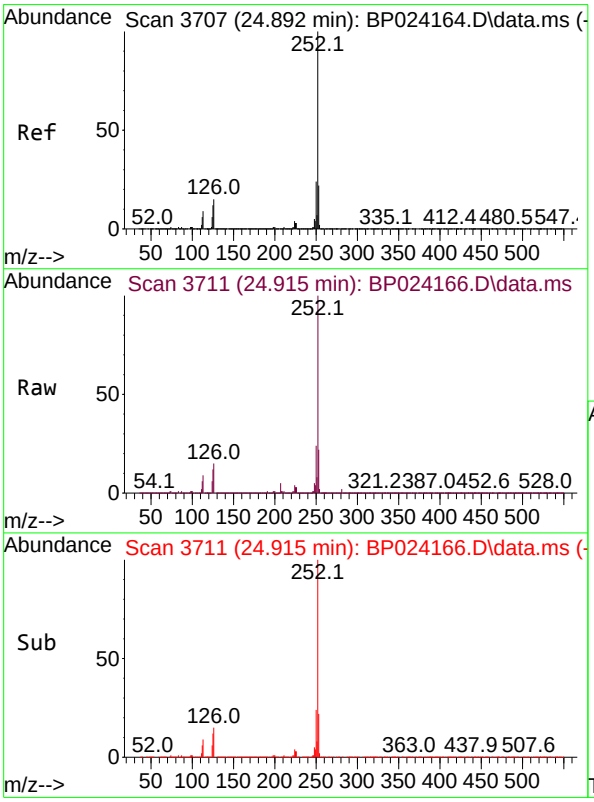
#89
Benzo(k)fluoranthene
Concen: 60.696 ng
RT: 24.068 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 7515459

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.5	9.1	13.7

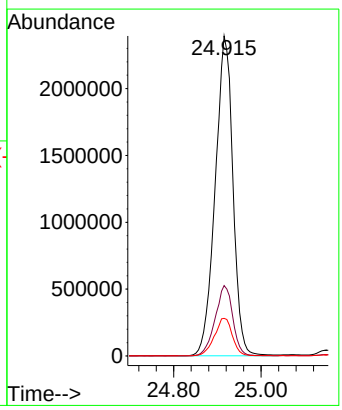


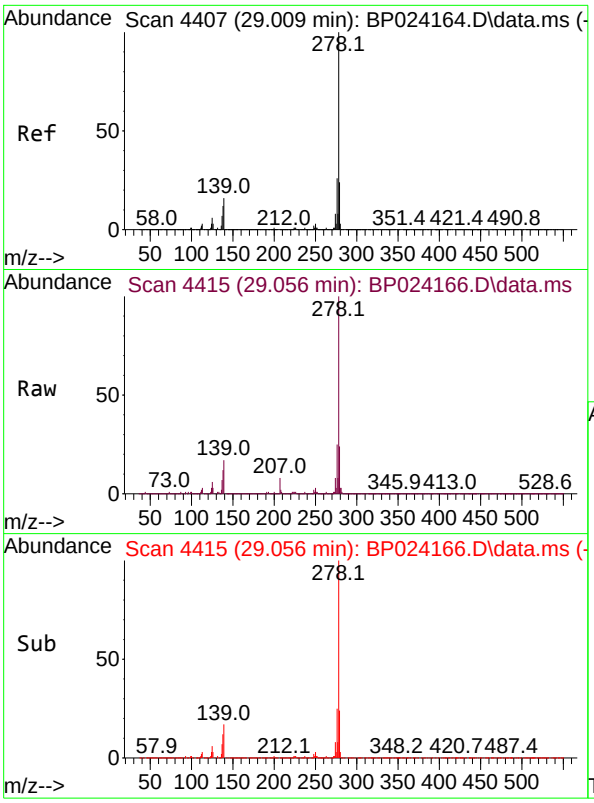


#90
Benzo(a)pyrene
Concen: 62.275 ng
RT: 24.915 min Scan# 3711
Delta R.T. 0.023 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:252 Resp: 6723161

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.8	9.6	14.4



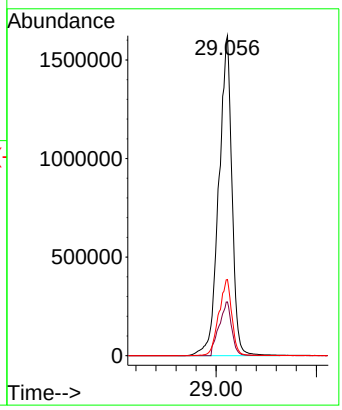


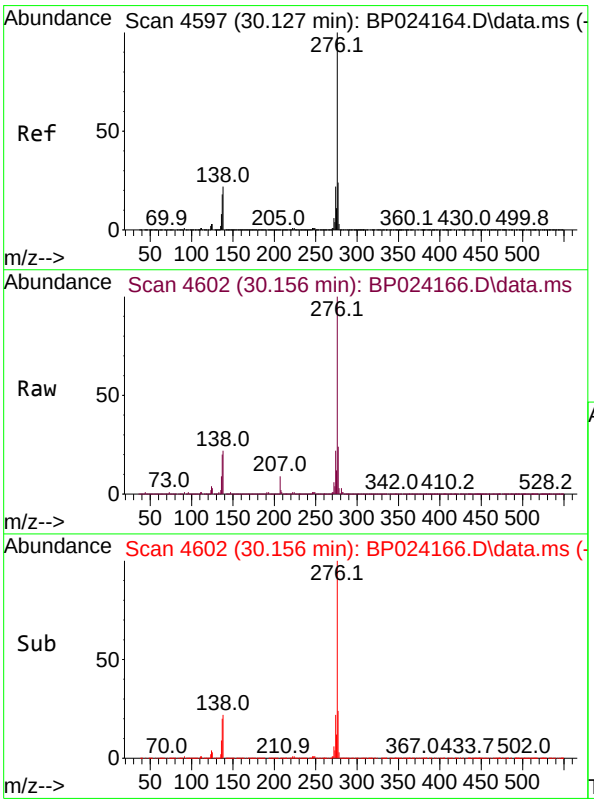
#91
Dibenzo(a,h)anthracene
Concen: 61.510 ng
RT: 29.056 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 7370514

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.0	19.4
279	23.8	18.8	28.2

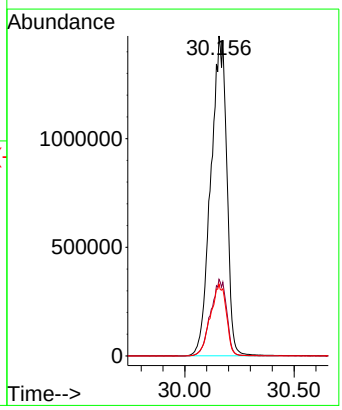




#92
Benzo(g,h,i)perylene
Concen: 61.593 ng
RT: 30.156 min Scan# 4602
Delta R.T. 0.029 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:276 Resp: 7489359

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.5	17.4	26.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	364999	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1468727	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	888748	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1690241	20.000	ng		0.00
76) Chrysene-d12	21.674	240	1785678	20.000	ng		0.02
86) Perylene-d12	25.080	264	1974592	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	3803317	162.591	ng		0.00
7) Phenol-d6	6.957	99	5104893	169.796	ng		0.00
23) Nitrobenzene-d5	8.922	82	4314346	163.878	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	2025211	186.035	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	9471932	148.993	ng		0.00
79) Terphenyl-d14	19.939	244	13193577	146.201	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	719424	78.401	ng		99
3) Pyridine	3.716	79	1624916	68.110	ng		100
4) n-Nitrosodimethylamine	3.622	42	672598	79.479	ng		98
6) Aniline	7.110	93	2112268	76.717	ng		98
8) 2-Chlorophenol	7.346	128	2039550	82.376	ng		99
9) Benzaldehyde	6.922	77	842969	61.412	ng		98
10) Phenol	6.987	94	2556863	84.573	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	1979282	83.121	ng		100
12) 1,3-Dichlorobenzene	7.663	146	2110081	77.577	ng		99
13) 1,4-Dichlorobenzene	7.810	146	2159502	78.507	ng		99
14) 1,2-Dichlorobenzene	8.122	146	2060216	78.042	ng		99
15) Benzyl Alcohol	8.010	79	1663098	90.370	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1950889	84.398	ng		99
17) 2-Methylphenol	8.216	107	1619006	87.877	ng		99
18) Hexachloroethane	8.846	117	773060	78.037	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	1455297	90.027	ng		99
20) 3+4-Methylphenols	8.546	107	2240243	89.384	ng		98
22) Acetophenone	8.587	105	3007941	79.697	ng	#	99
24) Nitrobenzene	8.969	77	2118548	81.768	ng		98
25) Isophorone	9.493	82	3813082	88.570	ng		98
26) 2-Nitrophenol	9.669	139	1129770	94.646	ng		97
27) 2,4-Dimethylphenol	9.734	122	1361694	86.904	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	2576867	82.625	ng		100
29) 2,4-Dichlorophenol	10.204	162	1875825	87.724	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	1946046	79.431	ng		99
31) Naphthalene	10.604	128	6278869	79.507	ng		100
32) Benzoic acid	9.922	122	1573847	109.564	ng		98
33) 4-Chloroaniline	10.716	127	2336710	83.990	ng		99
34) Hexachlorobutadiene	10.887	225	1124081	79.213	ng		99
35) Caprolactam	11.528	113	654999	101.156	ng		97
36) 4-Chloro-3-methylphenol	11.845	107	2042687	92.924	ng		99
37) 2-Methylnaphthalene	12.210	142	4316966	82.244	ng		99
38) 1-Methylnaphthalene	12.434	142	4227550	82.791	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	2120251	77.644	ng		100
41) Hexachlorocyclopentadiene	12.563	237	788854	77.633	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	1443797	86.697	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	1575527	86.506	ng		99
46) 1,1'-Biphenyl	13.228	154	5406424	78.284	ng		99
47) 2-Chloronaphthalene	13.269	162	4094698	78.432	ng		100
48) 2-Nitroaniline	13.475	65	1150637	93.303	ng		98
49) Acenaphthylene	14.122	152	6343598	82.473	ng		99
50) Dimethylphthalate	13.857	163	5115780	81.603	ng		100
51) 2,6-Dinitrotoluene	13.975	165	1146015	89.740	ng		97
52) Acenaphthene	14.469	154	3985981	80.473	ng		99
53) 3-Nitroaniline	14.310	138	1277036	93.713	ng		98
54) 2,4-Dinitrophenol	14.516	184	712550	104.772	ng		97
55) Dibenzofuran	14.810	168	6287848	78.144	ng		99
56) 4-Nitrophenol	14.639	139	1110260	94.320	ng		99
57) 2,4-Dinitrotoluene	14.775	165	1584658	95.524	ng		97
58) Fluorene	15.469	166	4983161	79.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1371535	86.797	ng		100
60) Diethylphthalate	15.245	149	5221159	83.898	ng		98
61) 4-Chlorophenyl-phenyle...	15.463	204	2453010	79.305	ng		99
62) 4-Nitroaniline	15.498	138	1346814	95.238	ng		95
63) Azobenzene	15.763	77	4851665	83.196	ng		99
65) 4,6-Dinitro-2-methylph...	15.557	198	924643	94.517	ng		97
66) n-Nitrosodiphenylamine	15.686	169	4231796	80.285	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	1565037	82.455	ng		94
68) Hexachlorobenzene	16.498	284	1841149	82.437	ng		99
69) Atrazine	16.663	200	480919	35.553	ng		99
70) Pentachlorophenol	16.851	266	1334567	92.003	ng		100
71) Phenanthrene	17.251	178	7450840	78.188	ng		99
72) Anthracene	17.345	178	7420971	81.264	ng		99
73) Carbazole	17.628	167	7209600	82.862	ng		98
74) Di-n-butylphthalate	18.216	149	8819030	86.868	ng		99
75) Fluoranthene	19.339	202	8868502	82.280	ng		99
77) Benzidine	19.533	184	1583965	72.794	ng		100
78) Pyrene	19.722	202	9100075	80.230	ng		99
80) Butylbenzylphthalate	20.669	149	4117551	94.735	ng		97
81) Benzo(a)anthracene	21.657	228	9075269	81.050	ng		98
82) 3,3'-Dichlorobenzidine	21.574	252	3216378	91.925	ng		99
83) Chrysene	21.721	228	8635685	79.981	ng		99
84) Bis(2-ethylhexyl)phtha...	21.592	149	6077881	92.215	ng	#	98
85) Di-n-octyl phthalate	22.898	149	10239008	97.189	ng		100
87) Indeno(1,2,3-cd)pyrene	28.962	276	11842118	84.301	ng		100
88) Benzo(b)fluoranthene	24.004	252	9984031	79.623	ng		98
89) Benzo(k)fluoranthene	24.080	252	9728938	79.712	ng		98
90) Benzo(a)pyrene	24.921	252	8860063	83.259	ng		99
91) Dibenzo(a,h)anthracene	29.039	278	9828241	83.210	ng		98
92) Benzo(g,h,i)perylene	30.180	276	9940803	82.940	ng		98

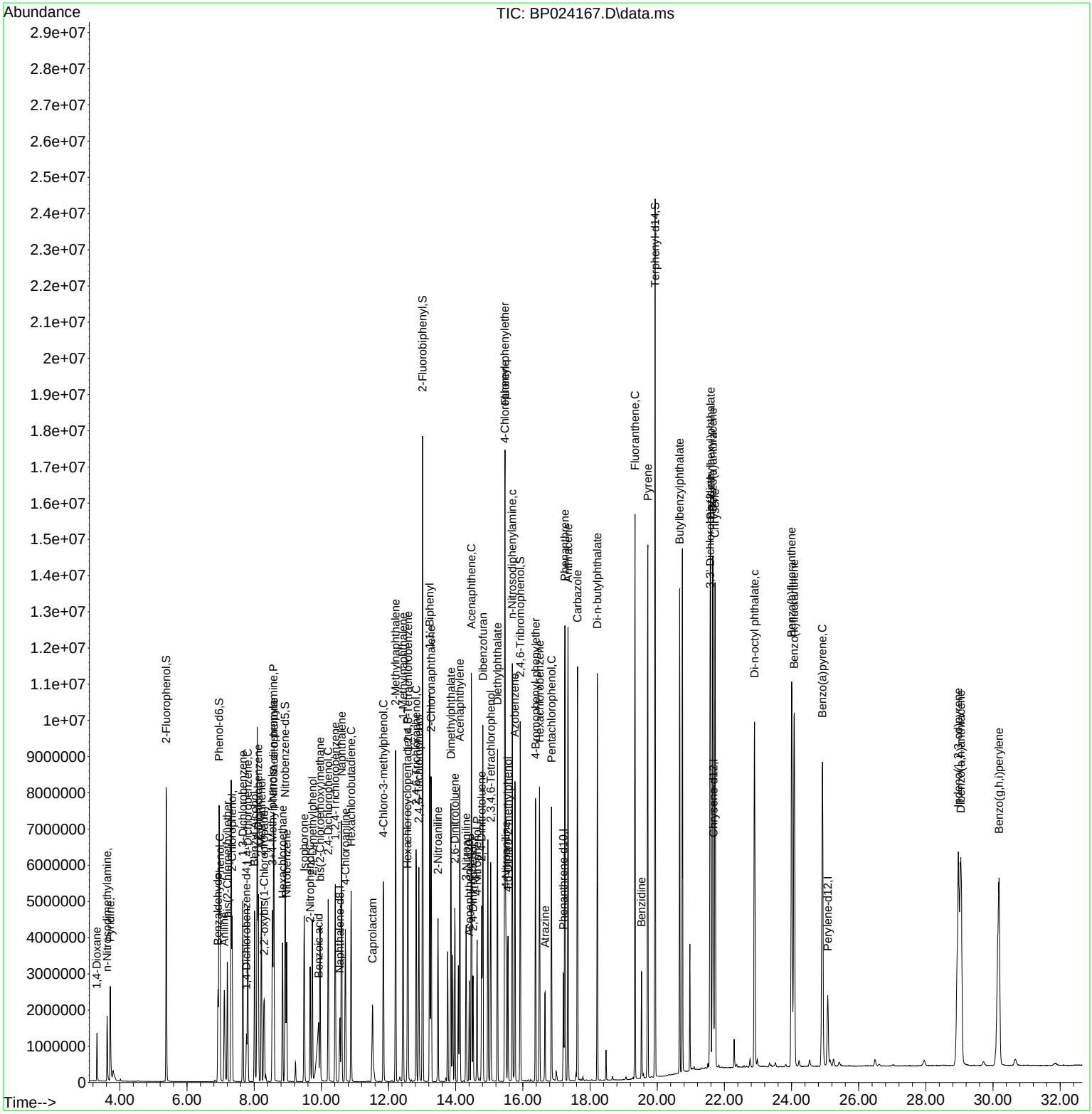
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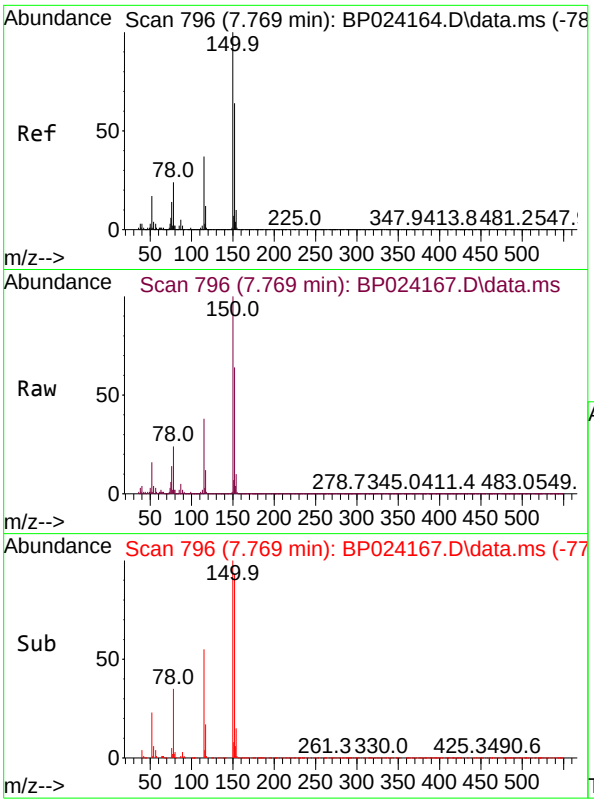
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



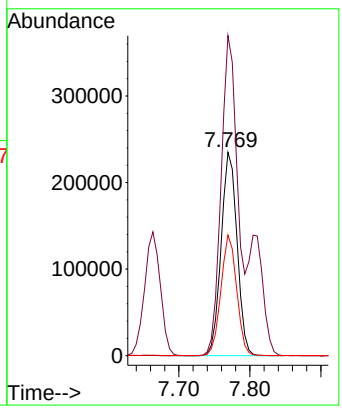


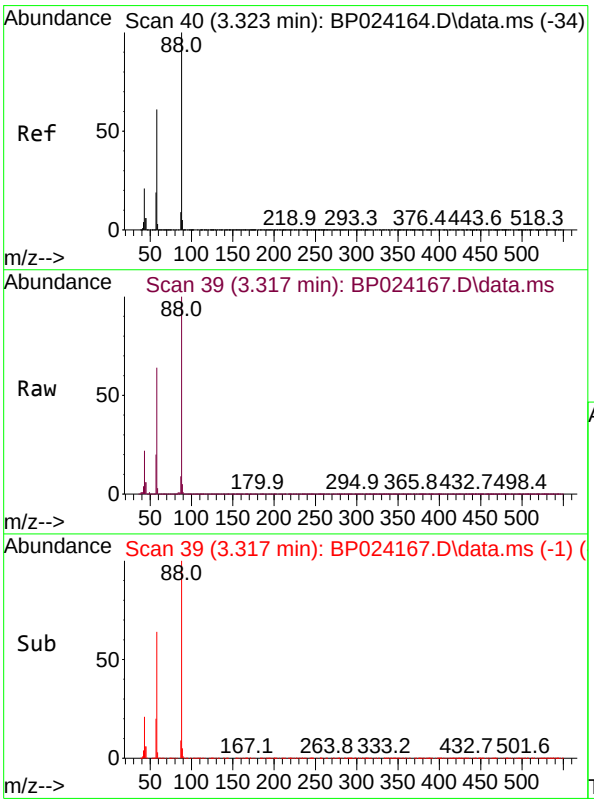
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 364999

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.5	188.3
115	59.3	46.3	69.5

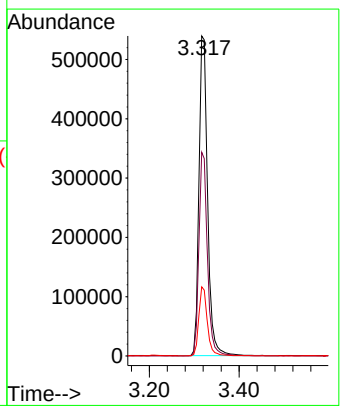


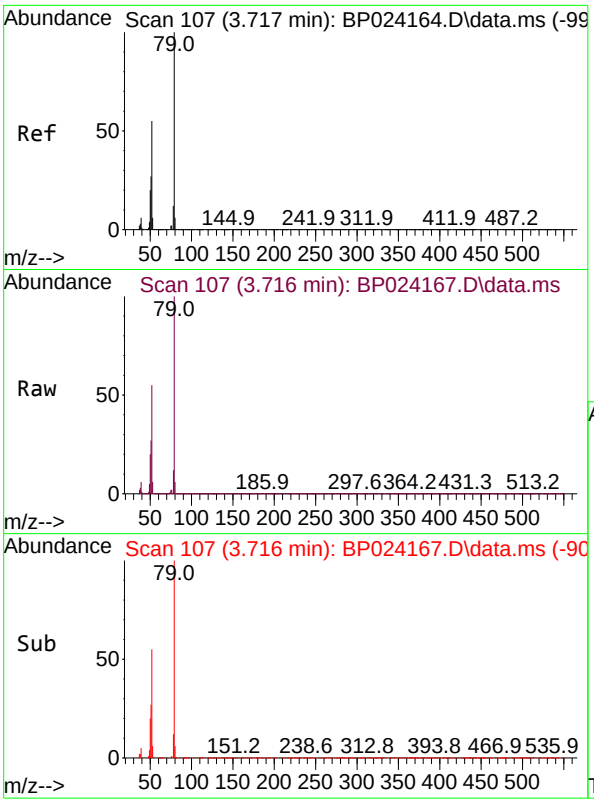


#2
1,4-Dioxane
Concen: 78.401 ng
RT: 3.317 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 88 Resp: 719424

Ion	Ratio	Lower	Upper
88	100		
58	62.6	49.8	74.6
43	21.2	17.3	25.9



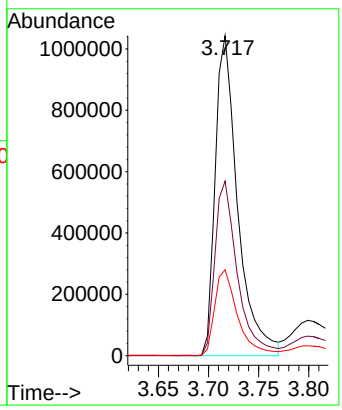


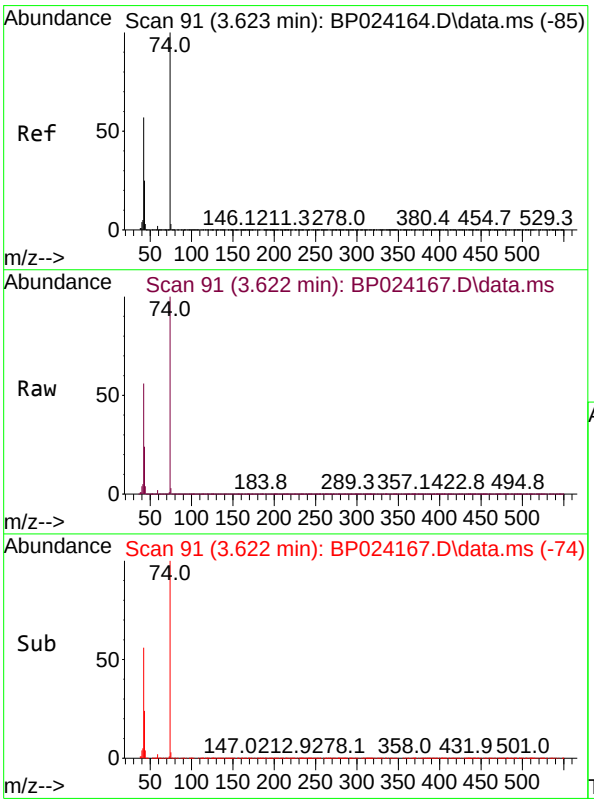
#3
Pyridine
Concen: 68.110 ng
RT: 3.716 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1624916

Ion	Ratio	Lower	Upper
79	100		
52	54.6	43.8	65.8
51	26.9	21.6	32.4

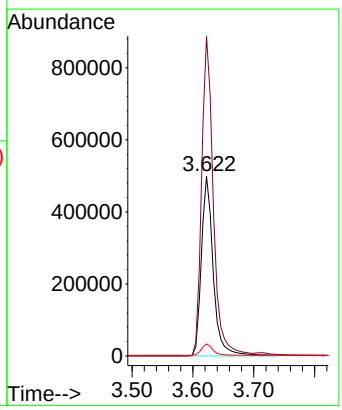


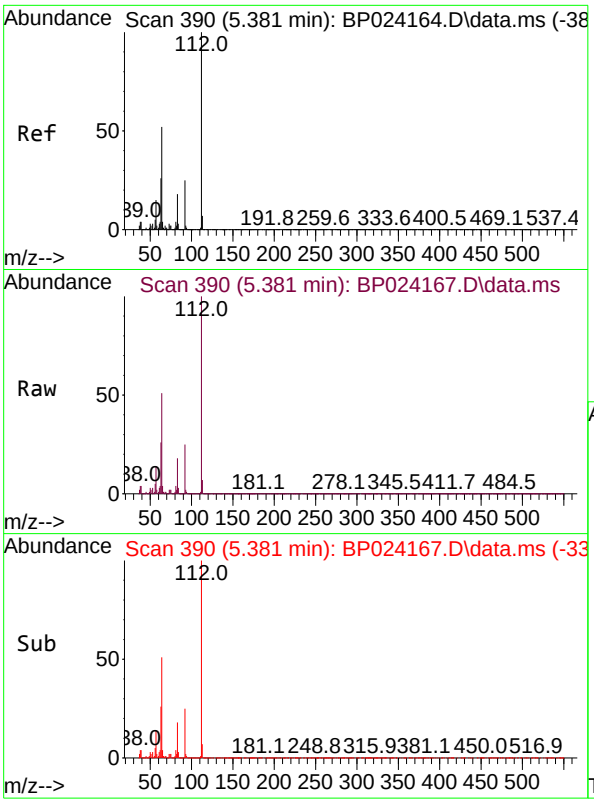


#4
n-Nitrosodimethylamine
Concen: 79.479 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 42 Resp: 672598

Ion	Ratio	Lower	Upper
42	100		
74	177.9	139.8	209.6
44	6.7	5.3	7.9



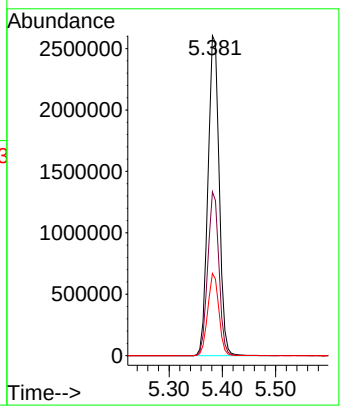


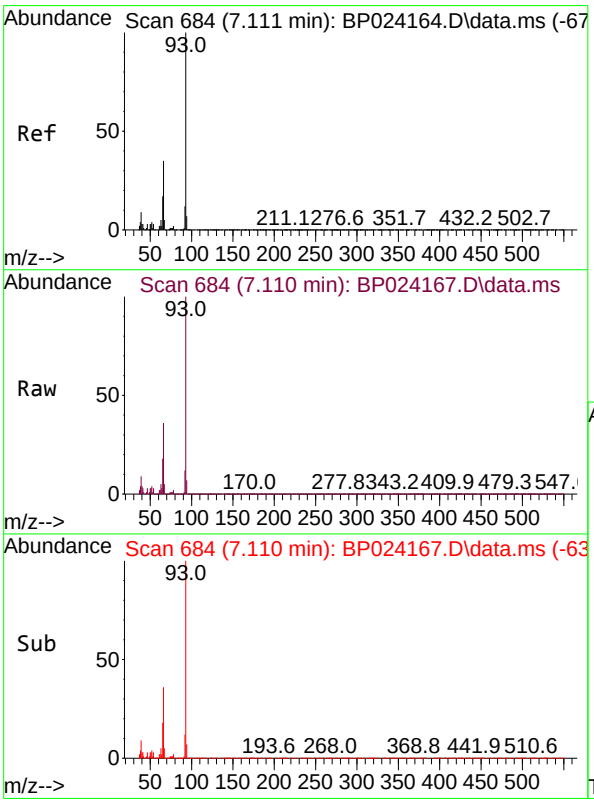
#5
2-Fluorophenol
Concen: 162.591 ng
RT: 5.381 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 3803317

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.3	61.9
63	25.7	20.6	31.0

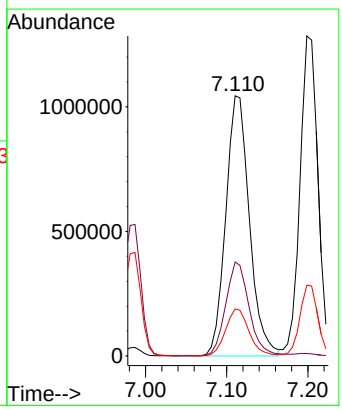


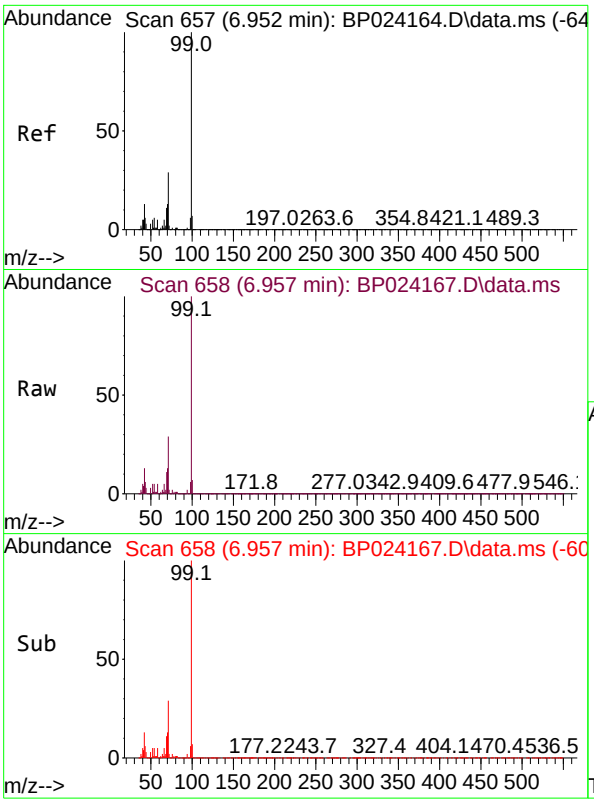


#6
Aniline
Concen: 76.717 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 93 Resp: 2112268

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.2	42.2
65	18.1	14.0	21.0



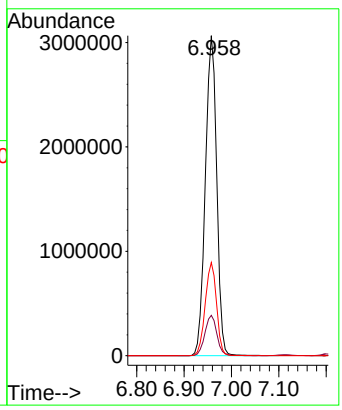


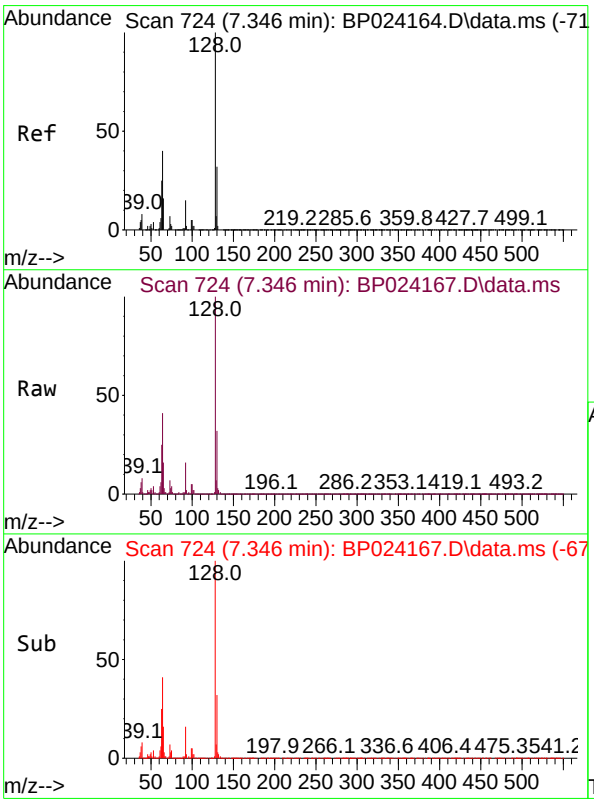
#7
Phenol-d6
Concen: 169.796 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 5104893

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.6	16.0
71	29.1	23.3	34.9

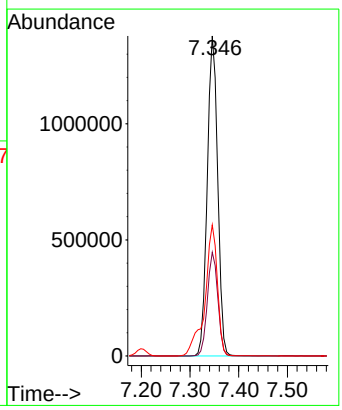


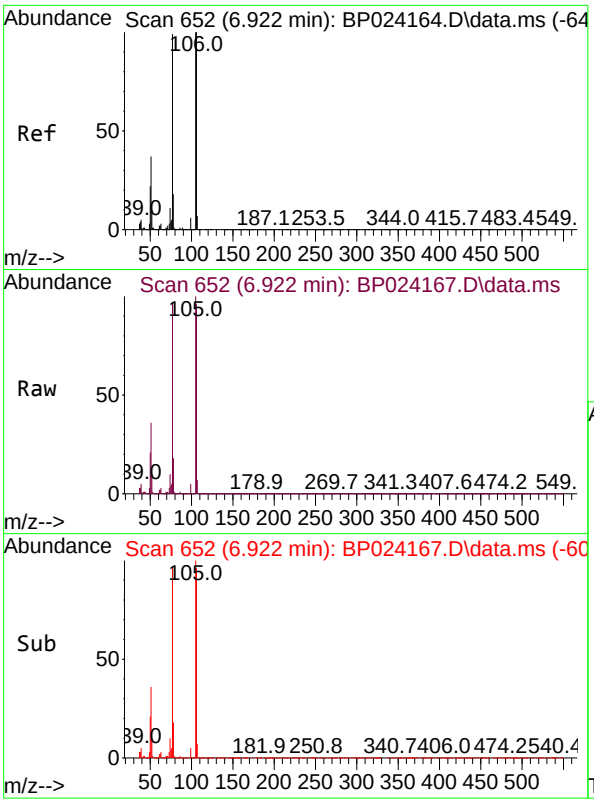


#8
2-Chlorophenol
Concen: 82.376 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:128 Resp: 2039550

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	41.0	21.6	61.6



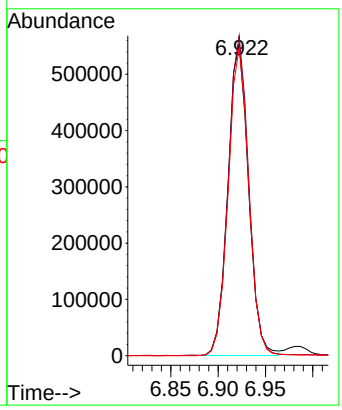


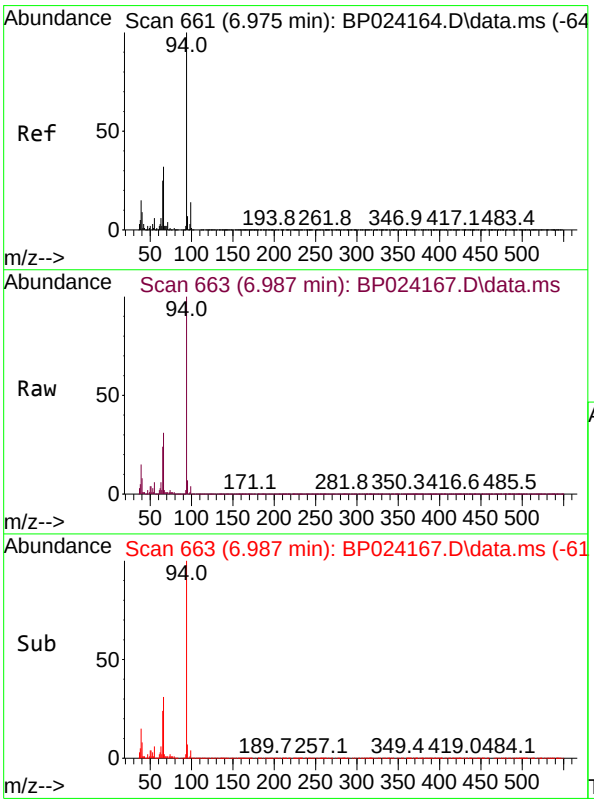
#9
Benzaldehyde
Concen: 61.412 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 842969

Ion	Ratio	Lower	Upper
77	100		
105	102.7	81.4	121.4
106	98.8	81.1	121.1

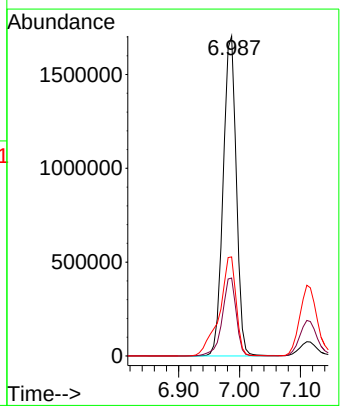


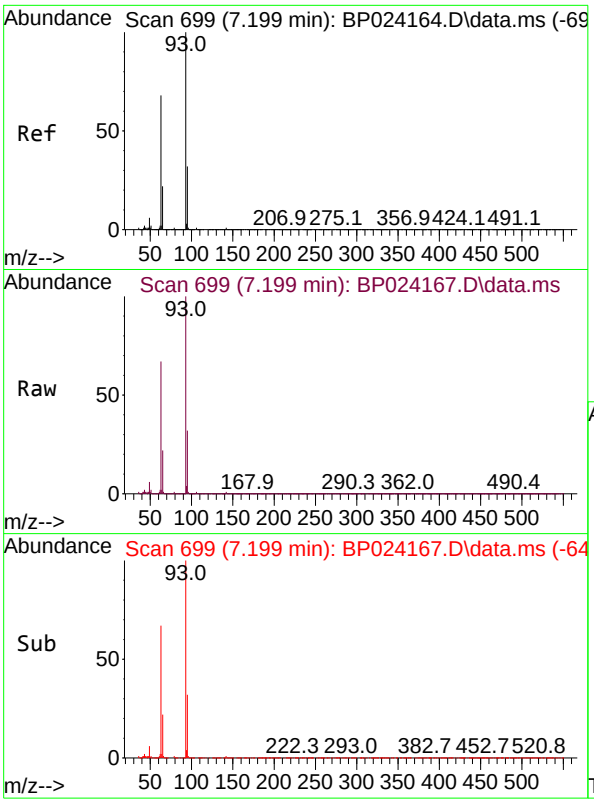


#10
Phenol
Concen: 84.573 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 94 Resp: 2556863

Ion	Ratio	Lower	Upper
94	100		
65	24.4	4.9	44.9
66	31.0	11.9	51.9



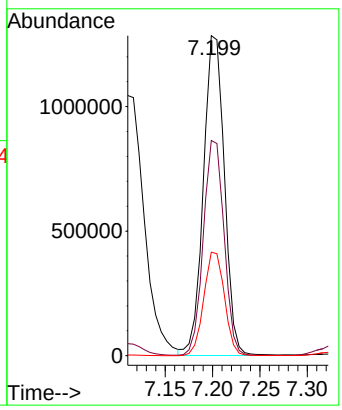


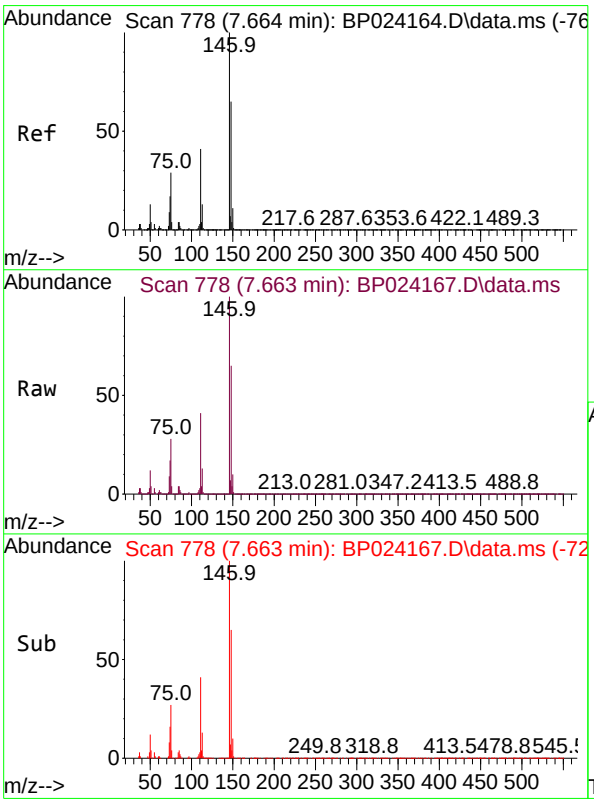
#11
bis(2-Chloroethyl)ether
Concen: 83.121 ng
RT: 7.199 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1979282

Ion	Ratio	Lower	Upper
93	100		
63	67.3	47.4	87.4
95	32.3	12.1	52.1

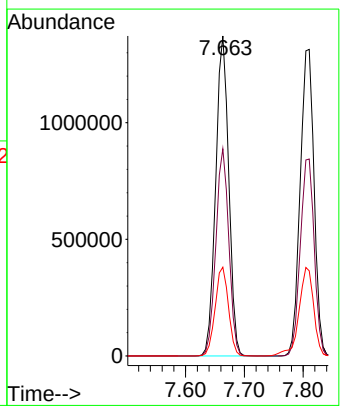


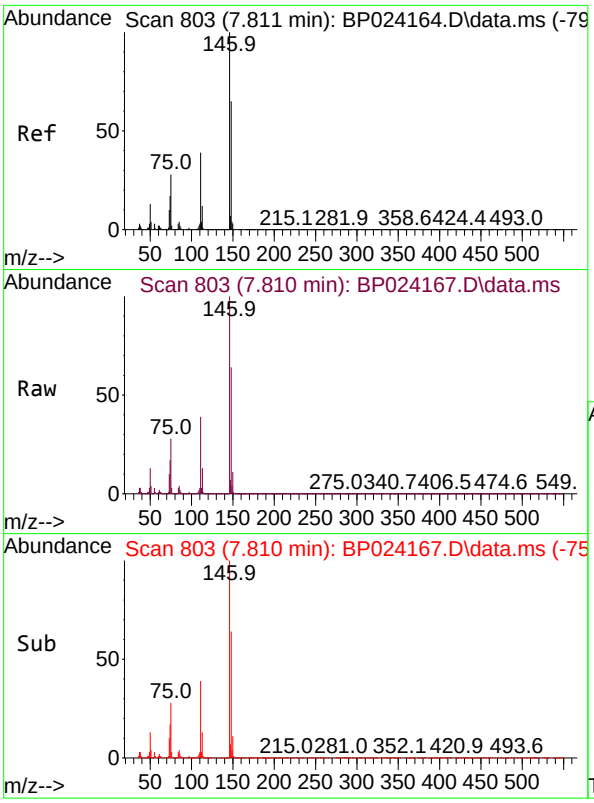


#12
1,3-Dichlorobenzene
Concen: 77.577 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:146 Resp: 2110081

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
75	27.8	22.8	34.2



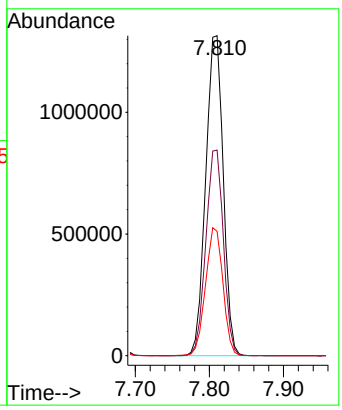


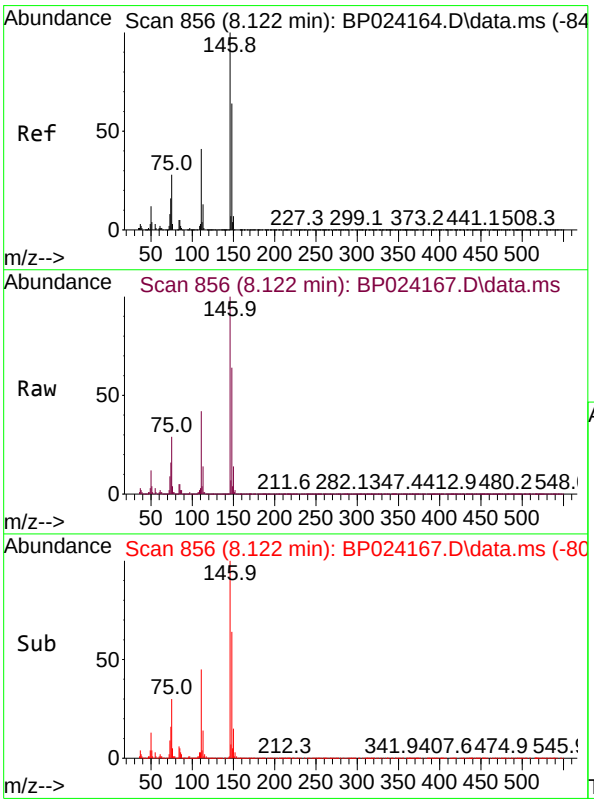
#13
1,4-Dichlorobenzene
Concen: 78.507 ng
RT: 7.810 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2159502

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	38.9	31.4	47.2

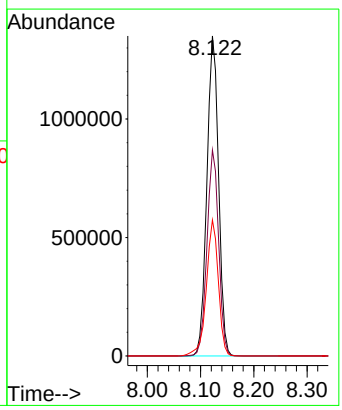


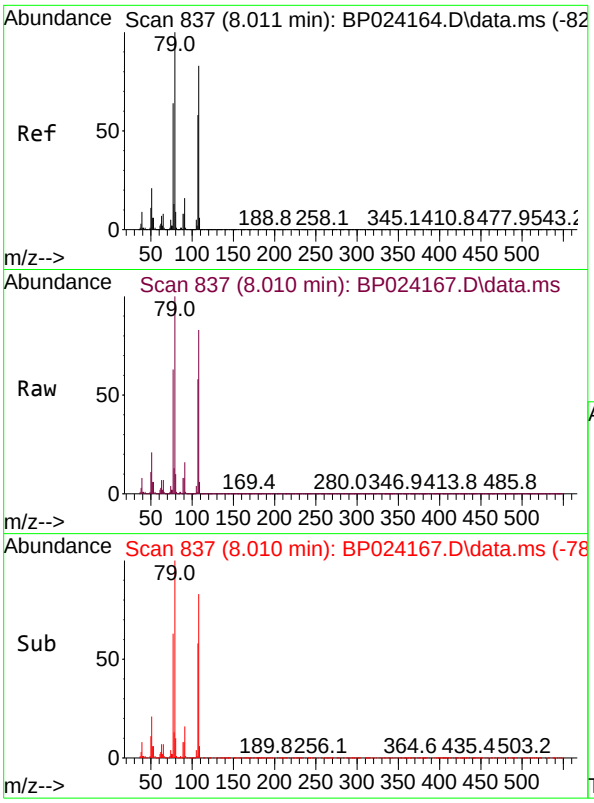


#14
1,2-Dichlorobenzene
Concen: 78.042 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:146 Resp: 2060216

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	42.5	33.2	49.8



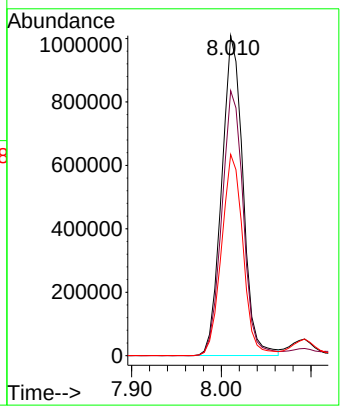


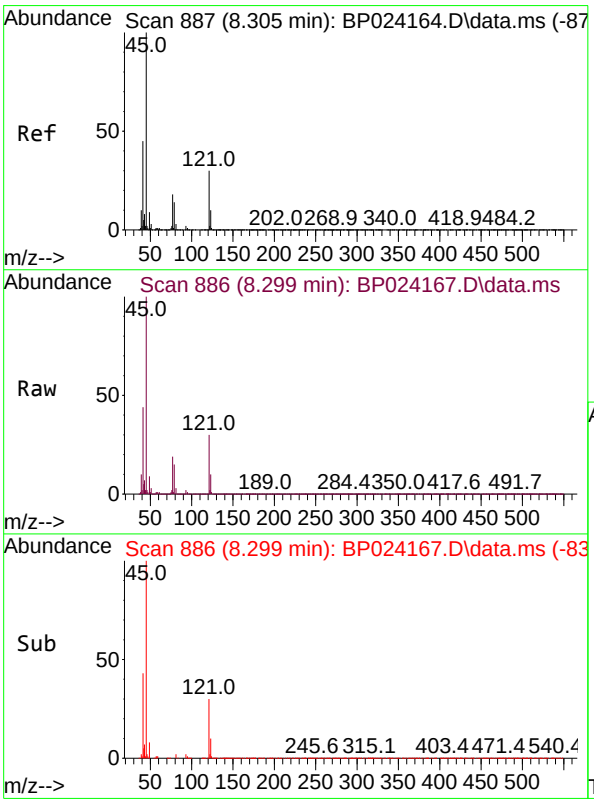
#15
Benzyl Alcohol
Concen: 90.370 ng
RT: 8.010 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1663098

Ion	Ratio	Lower	Upper
79	100		
108	82.8	66.5	99.7
77	62.9	50.9	76.3

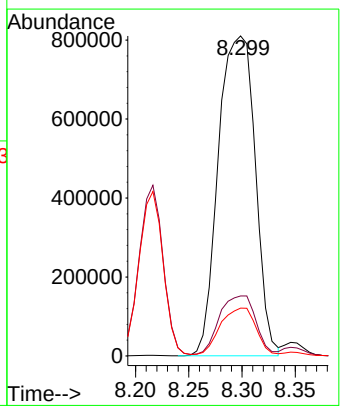


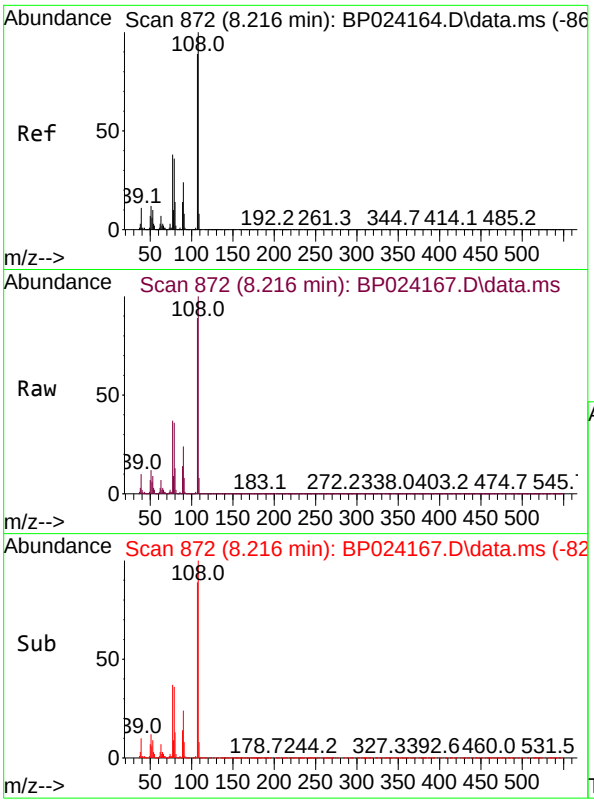


#16
2,2'-oxybis(1-Chloropropane)
Concen: 84.398 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 45 Resp: 1950889

Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	39.0
79	15.0	0.0	35.6



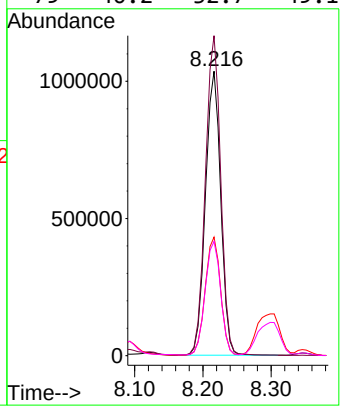


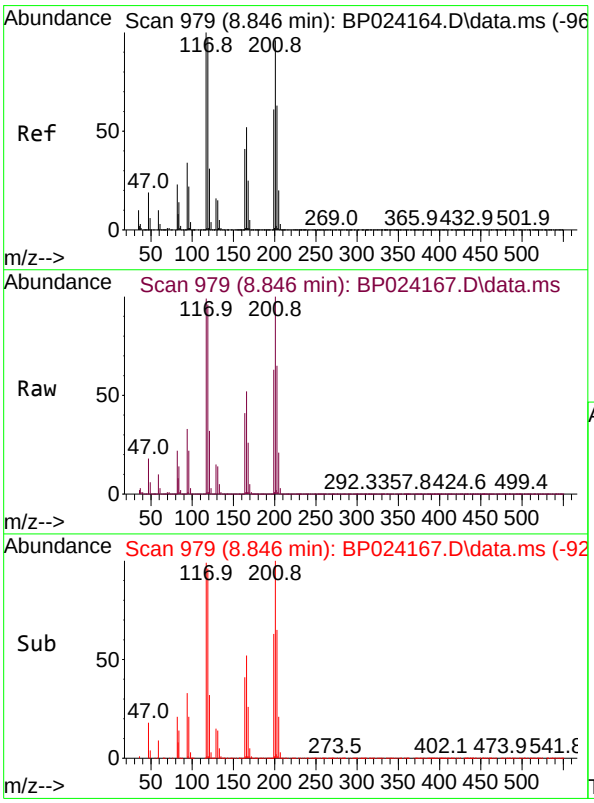
#17
2-Methylphenol
Concen: 87.877 ng
RT: 8.216 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1619006

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	41.7	34.0	51.0
79	40.2	32.7	49.1

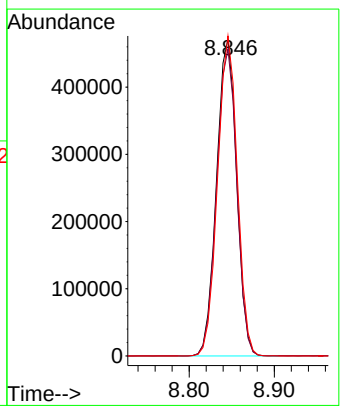


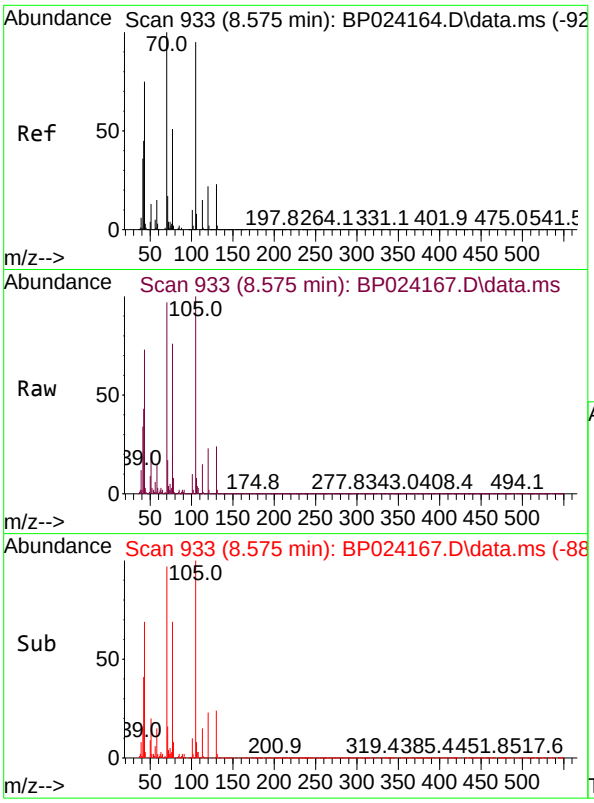


#18
Hexachloroethane
Concen: 78.037 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:117 Resp: 773060

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	101.0	76.6	114.8



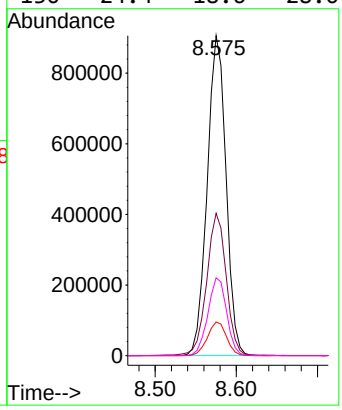


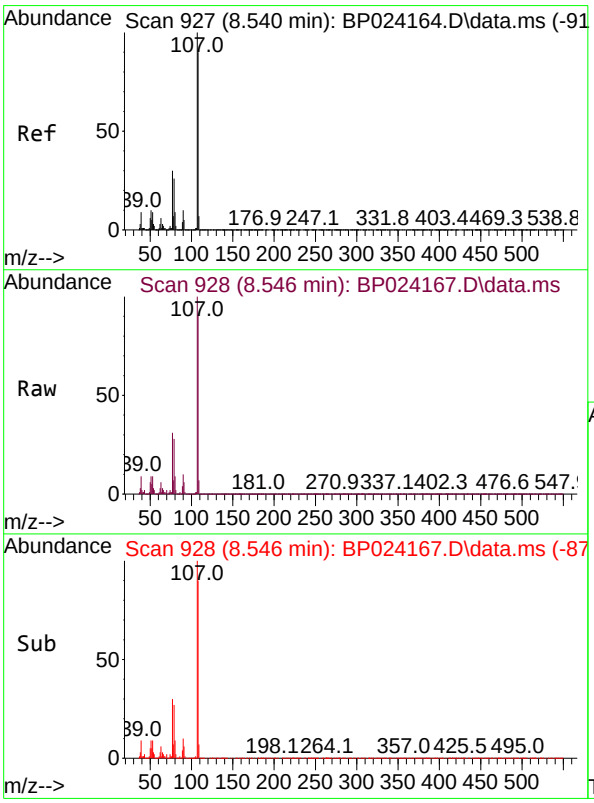
#19
n-Nitroso-di-n-propylamine
Concen: 90.027 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 1455297

Ion	Ratio	Lower	Upper
70	100		
42	44.5	36.0	54.0
101	10.6	8.3	12.5
130	24.4	18.6	28.0

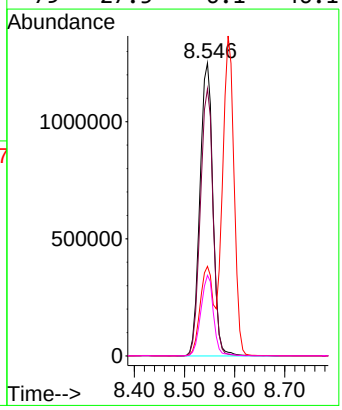


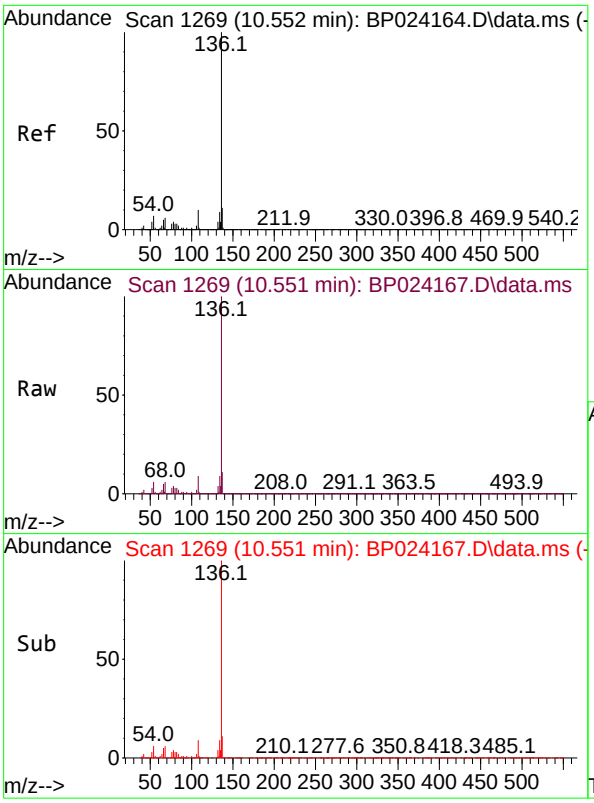


#20
3+4-Methylphenols
Concen: 89.384 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:107 Resp: 2240243

Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.7	109.7
77	30.6	10.3	50.3
79	27.5	6.1	46.1



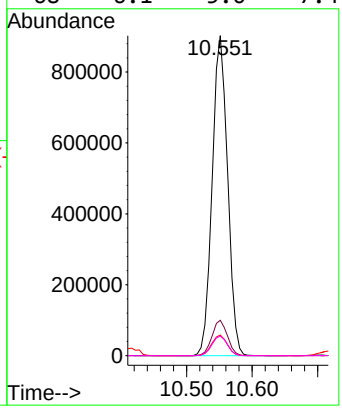


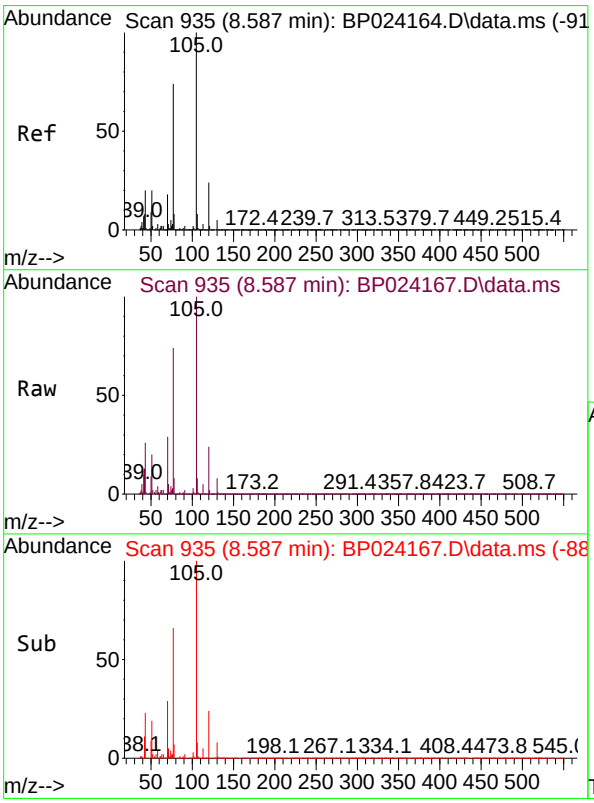
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 1468727

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	5.3	7.9
68	6.1	5.0	7.4

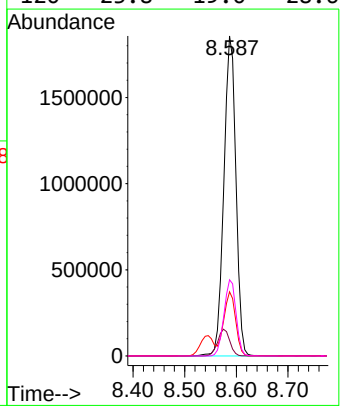


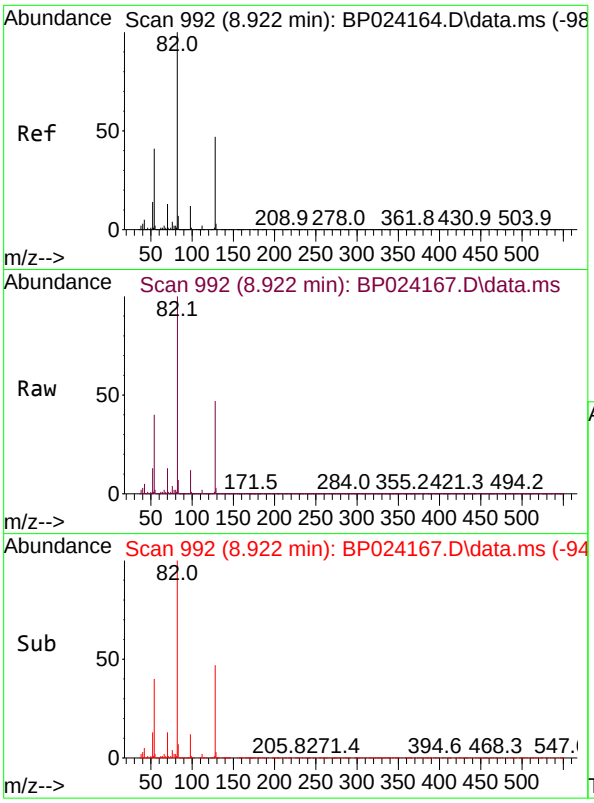


#22
Acetophenone
Concen: 79.697 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:105 Resp: 3007941

Ion	Ratio	Lower	Upper
105	100		
71	4.9	2.4	3.6#
51	20.0	16.2	24.2
120	23.8	19.0	28.6



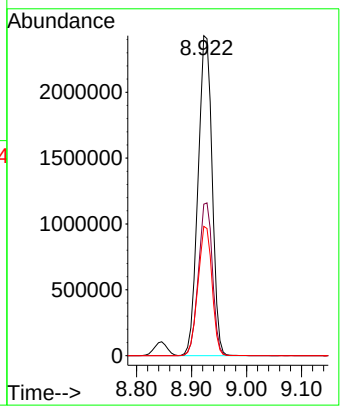


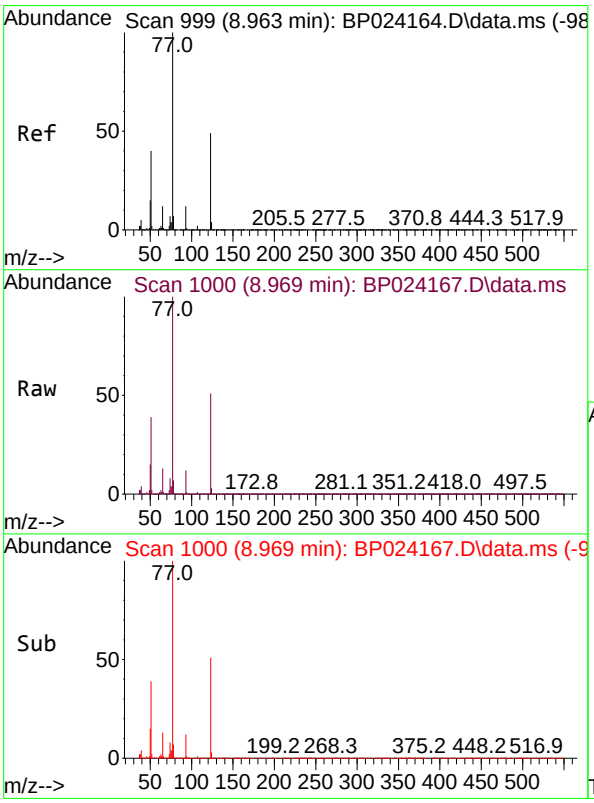
#23
Nitrobenzene-d5
Concen: 163.878 ng
RT: 8.922 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 4314346

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	40.4	32.5	48.7

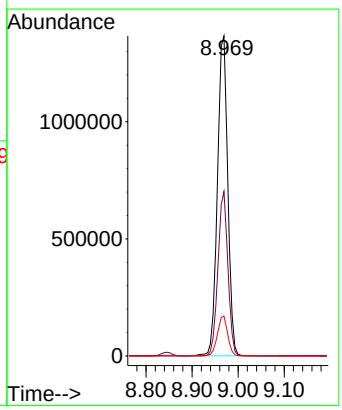


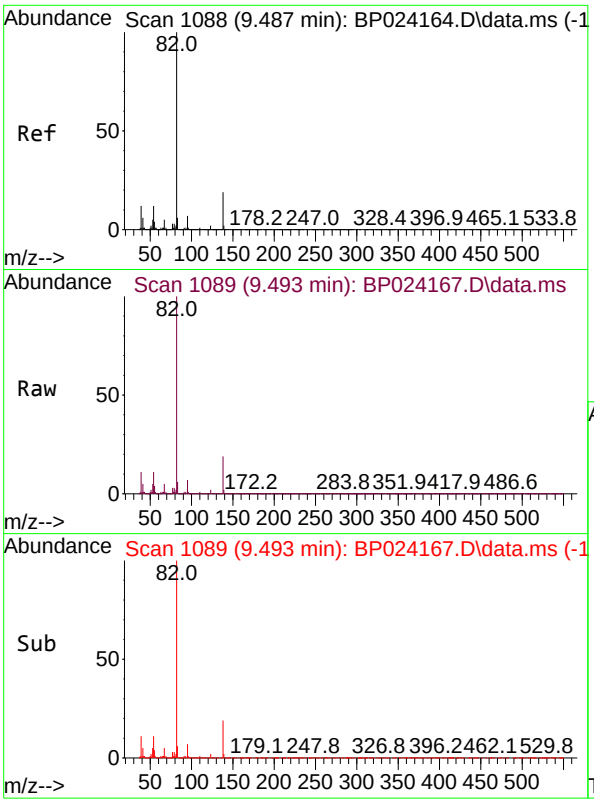


#24
Nitrobenzene
Concen: 81.768 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 77 Resp: 2118548

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.4	59.2
65	12.5	9.9	14.9



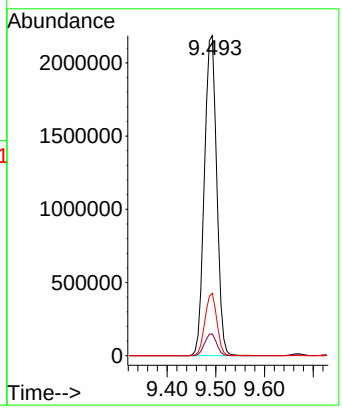


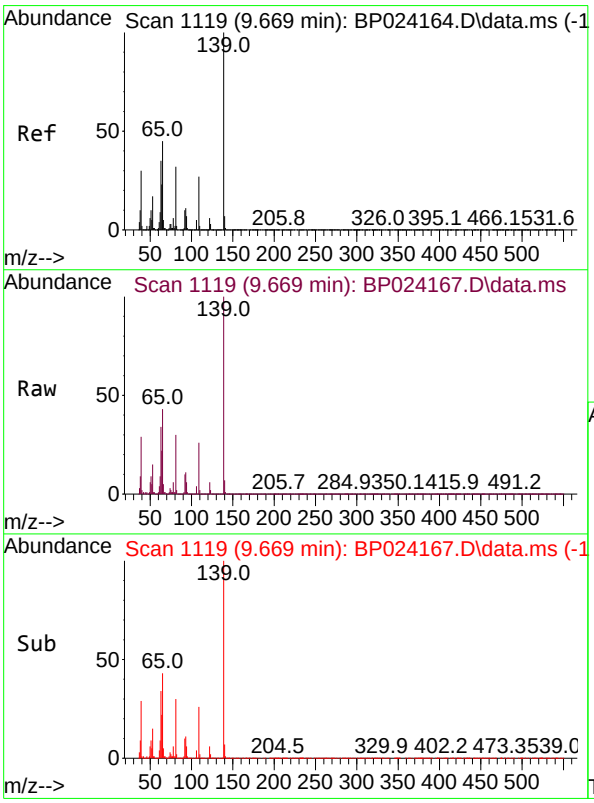
#25
Isophorone
Concen: 88.570 ng
RT: 9.493 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 3813082

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	19.5	14.8	22.2

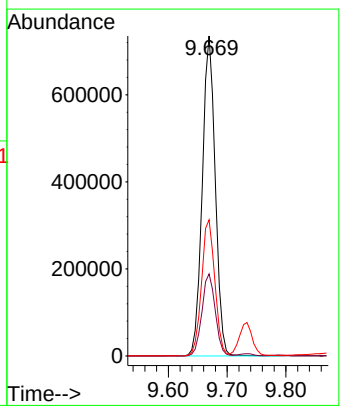


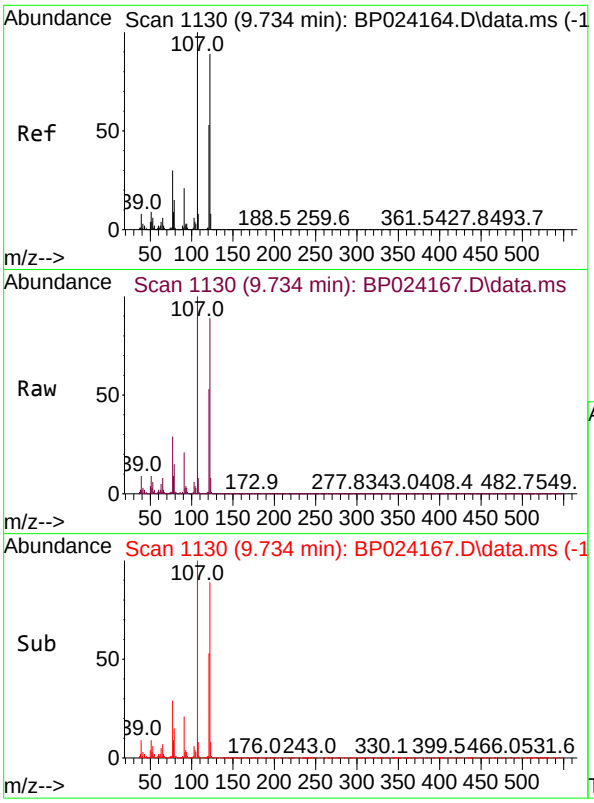


#26
2-Nitrophenol
Concen: 94.646 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:139 Resp: 1129770

Ion	Ratio	Lower	Upper
139	100		
109	25.7	21.7	32.5
65	42.6	35.8	53.8



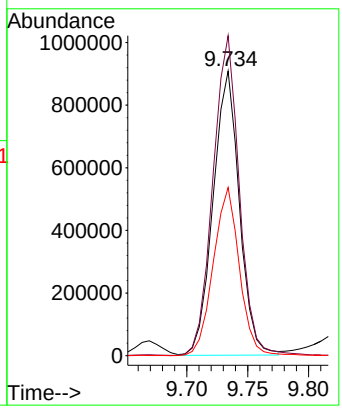


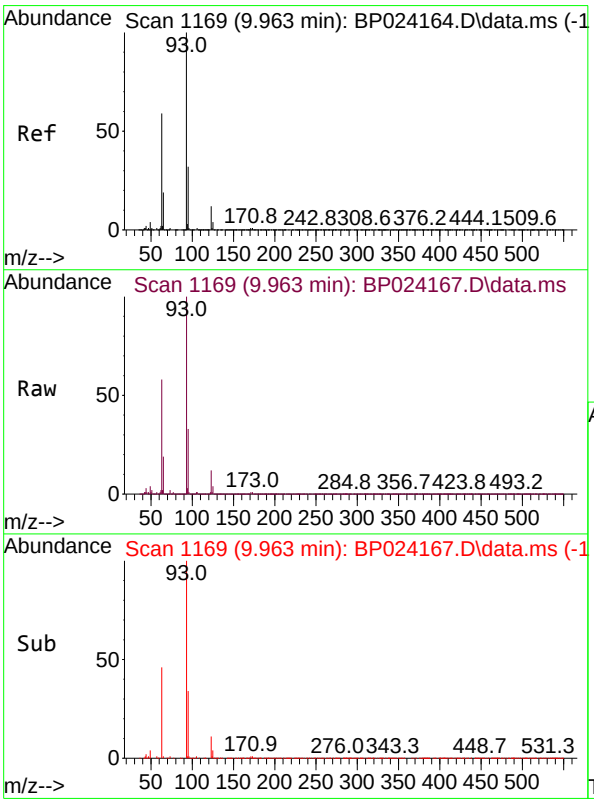
#27
2,4-Dimethylphenol
Concen: 86.904 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1361694

Ion	Ratio	Lower	Upper
122	100		
107	112.4	89.3	133.9
121	59.0	47.5	71.3

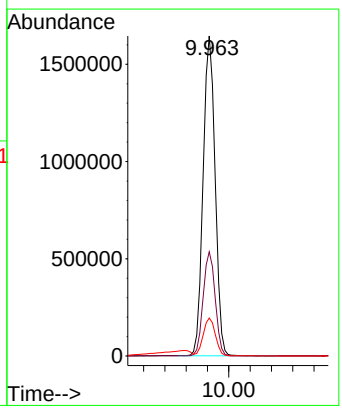


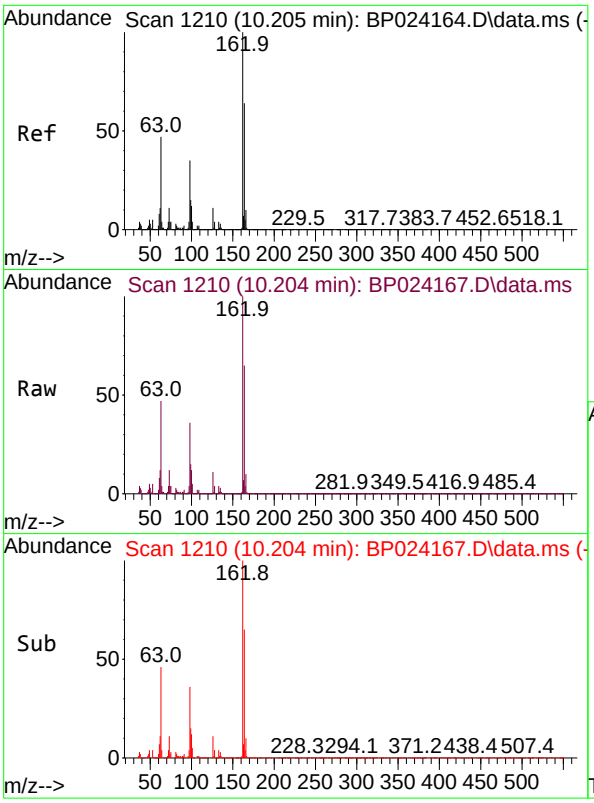


#28
bis(2-Chloroethoxy)methane
Concen: 82.625 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 93 Resp: 2576867

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	11.8	9.5	14.3



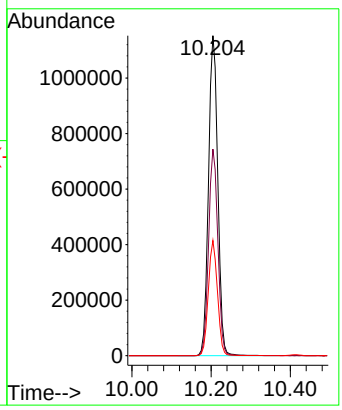


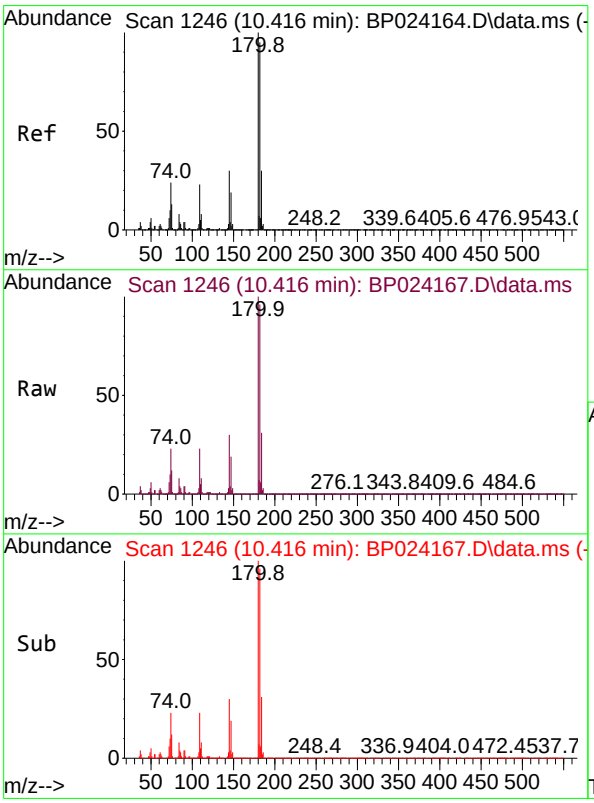
#29
2,4-Dichlorophenol
Concen: 87.724 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1875825

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.2	84.2
98	36.0	15.1	55.1

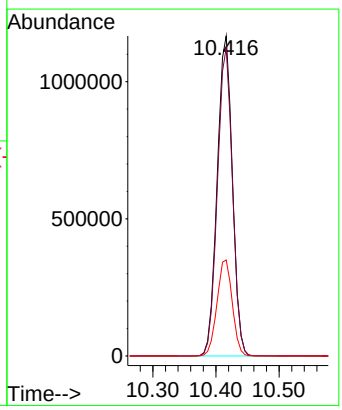


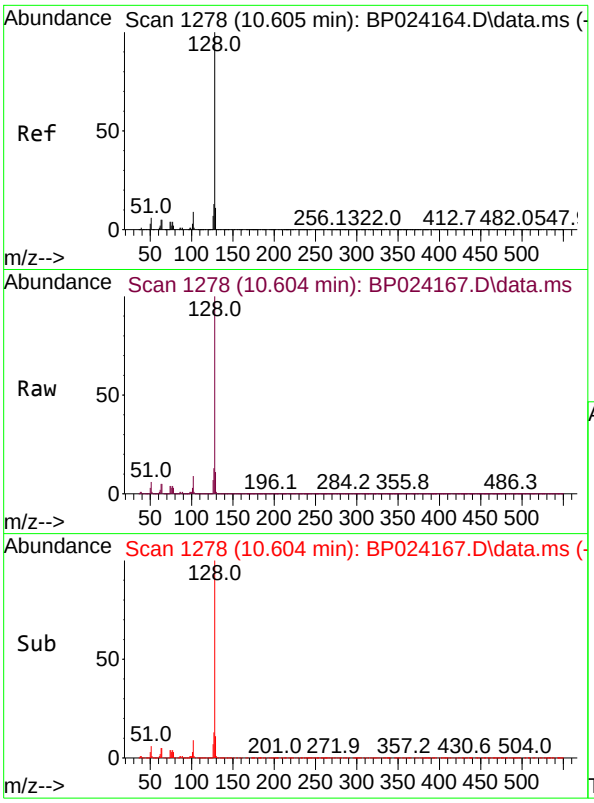


#30
1,2,4-Trichlorobenzene
Concen: 79.431 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:180 Resp: 1946046

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.1	114.1
145	30.0	24.2	36.2



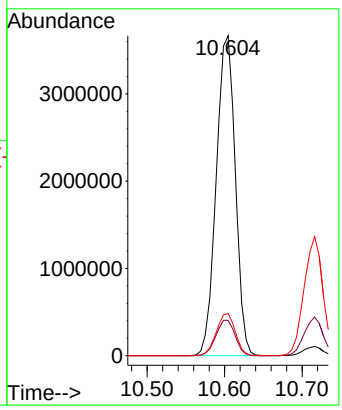


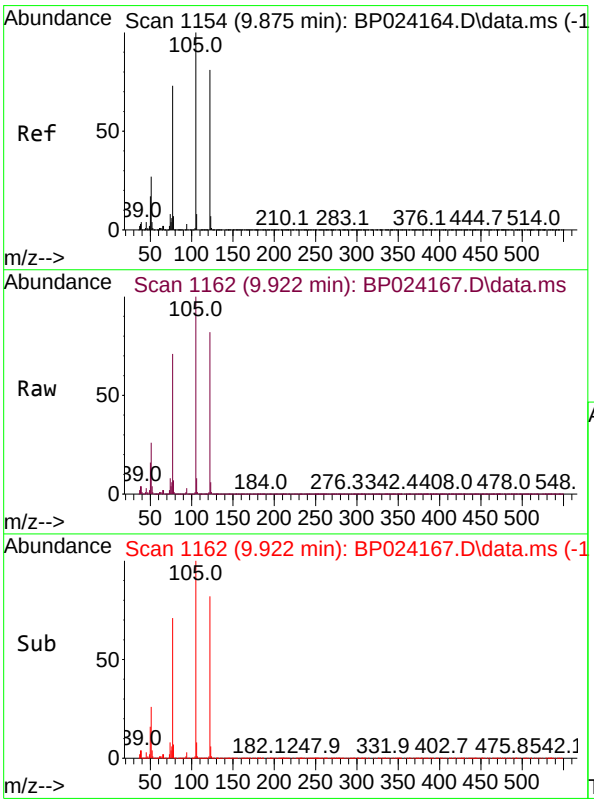
#31
Naphthalene
Concen: 79.507 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 6278869

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.4	15.6

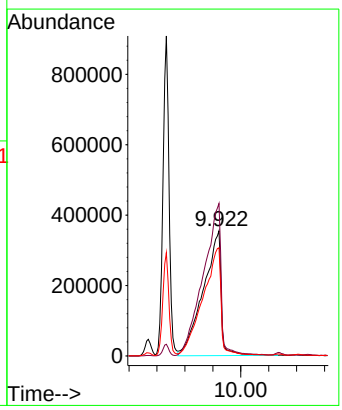


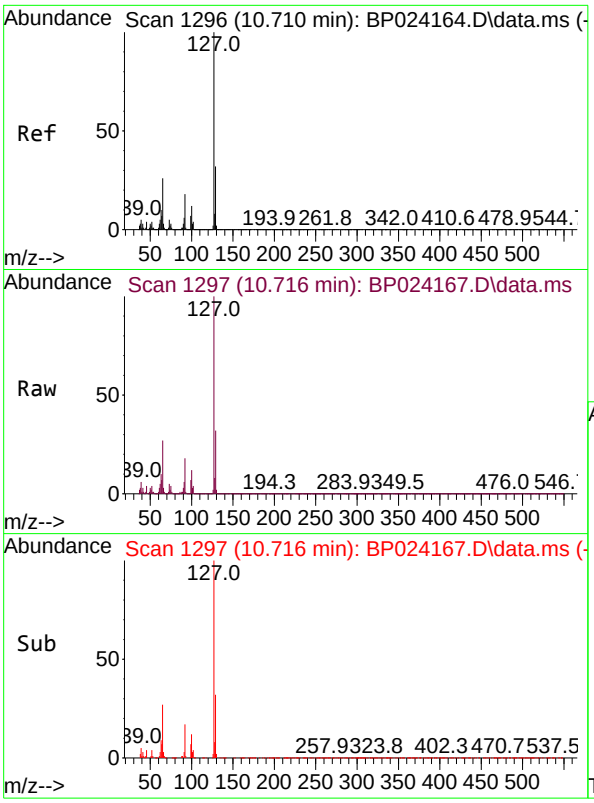


#32
Benzoic acid
Concen: 109.564 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.047 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:122 Resp: 1573847

Ion	Ratio	Lower	Upper
122	100		
105	121.9	100.3	140.3
77	86.4	69.1	109.1



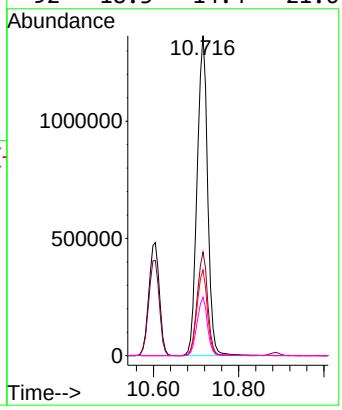


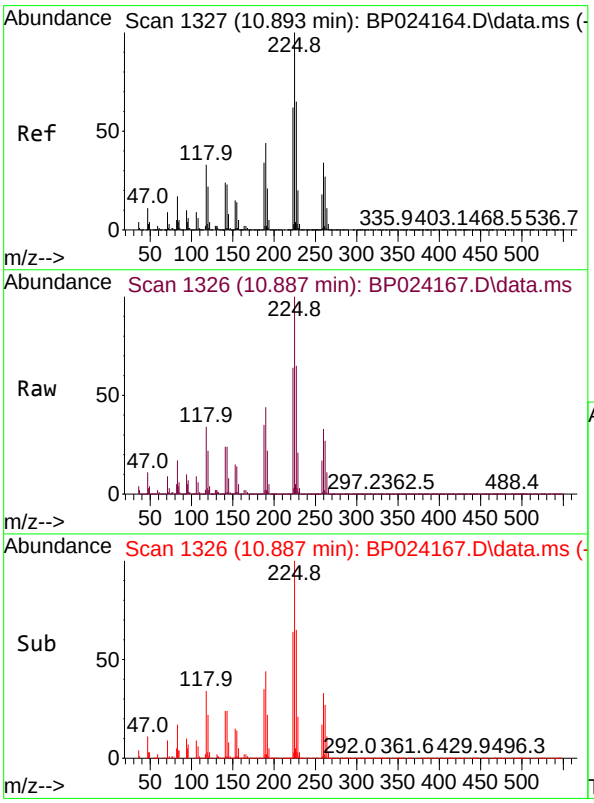
#33
4-Chloroaniline
Concen: 83.990 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 2336710

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	26.8	21.2	31.8
92	18.3	14.4	21.6

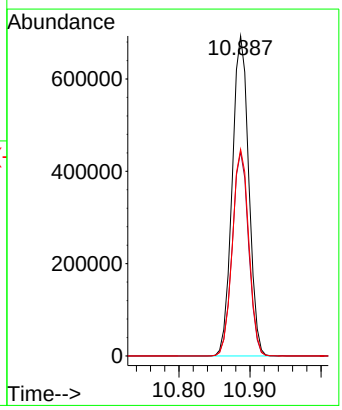


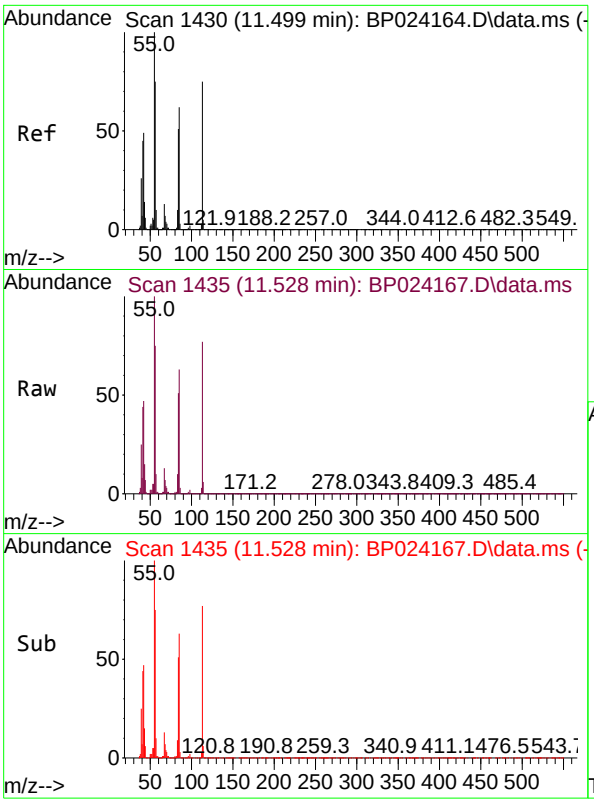


#34
Hexachlorobutadiene
Concen: 79.213 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:225 Resp: 1124081

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	64.6	52.2	78.2



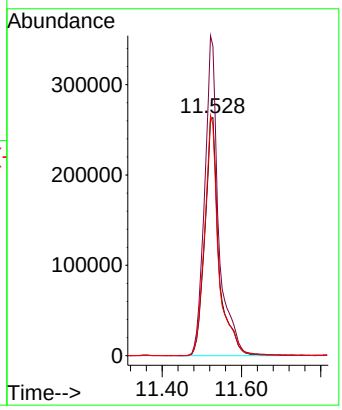


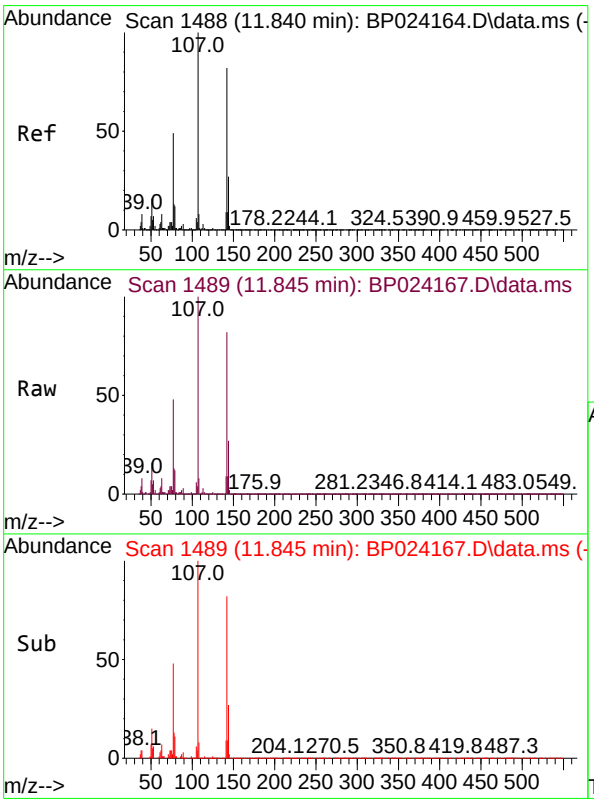
#35
Caprolactam
Concen: 101.156 ng
RT: 11.528 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 654999

Ion	Ratio	Lower	Upper
113	100		
55	130.2	113.6	153.6
56	97.1	80.0	120.0

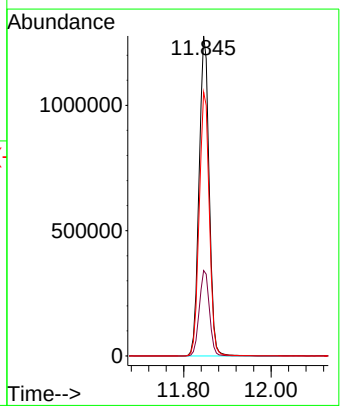


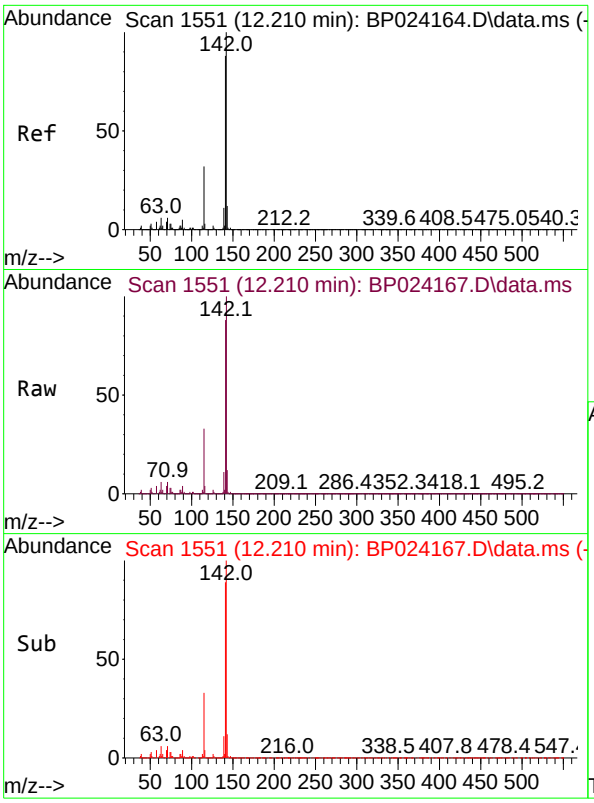


#36
4-Chloro-3-methylphenol
Concen: 92.924 ng
RT: 11.845 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:107 Resp: 2042687

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.6	32.4
142	82.4	65.4	98.0



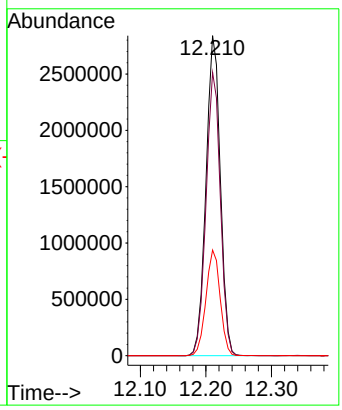


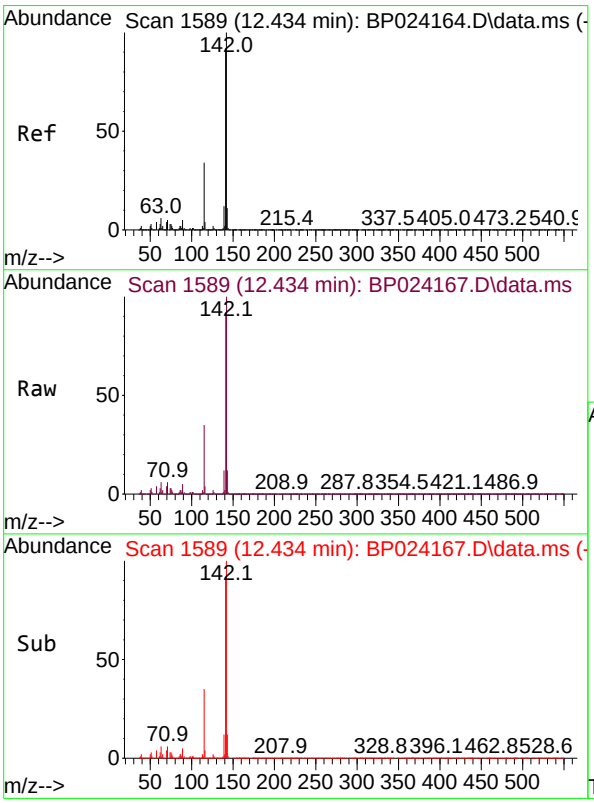
#37
2-Methylnaphthalene
Concen: 82.244 ng
RT: 12.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 4316966

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	33.0	26.0	39.0

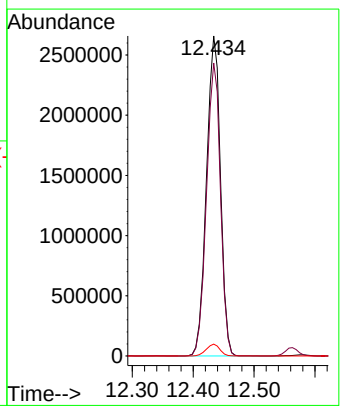


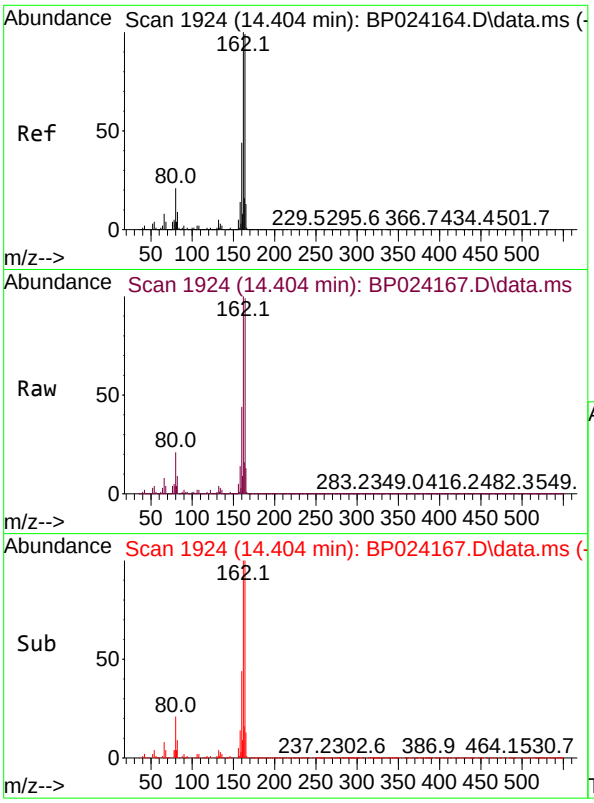


#38
1-Methylnaphthalene
Concen: 82.791 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:142 Resp: 4227550

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.9	110.9
116	3.7	2.8	4.2



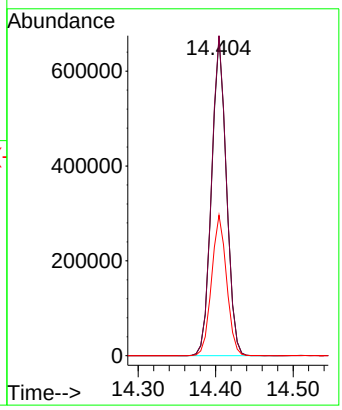


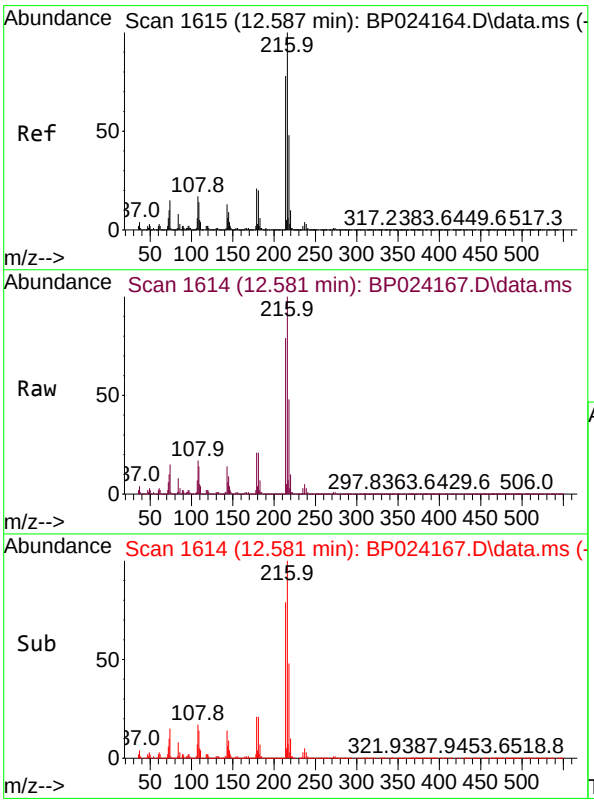
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 888748

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	44.1	35.4	53.2

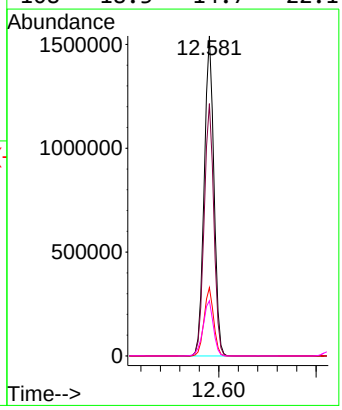


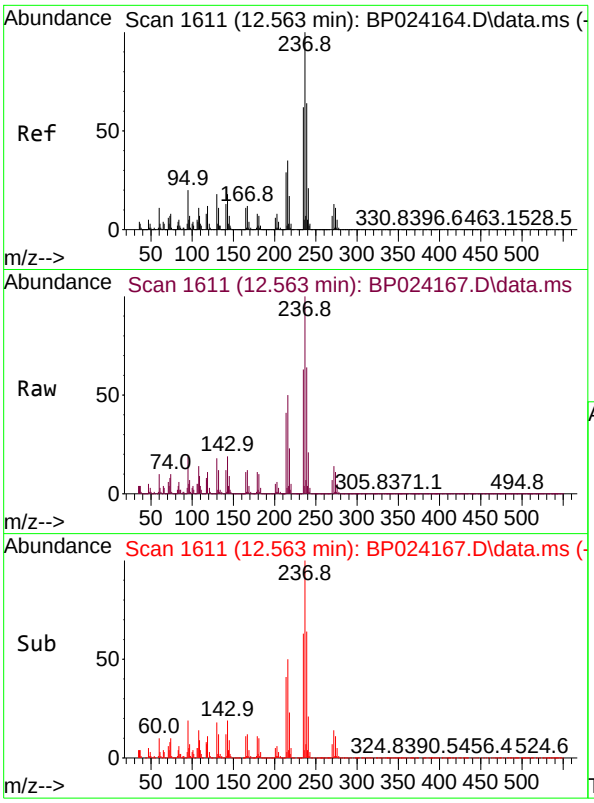


#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.644 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:216 Resp: 2120251

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	21.0	16.8	25.2
108	18.3	14.7	22.1



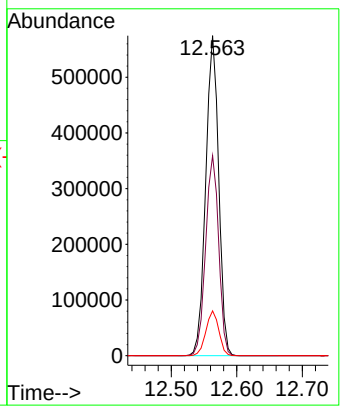


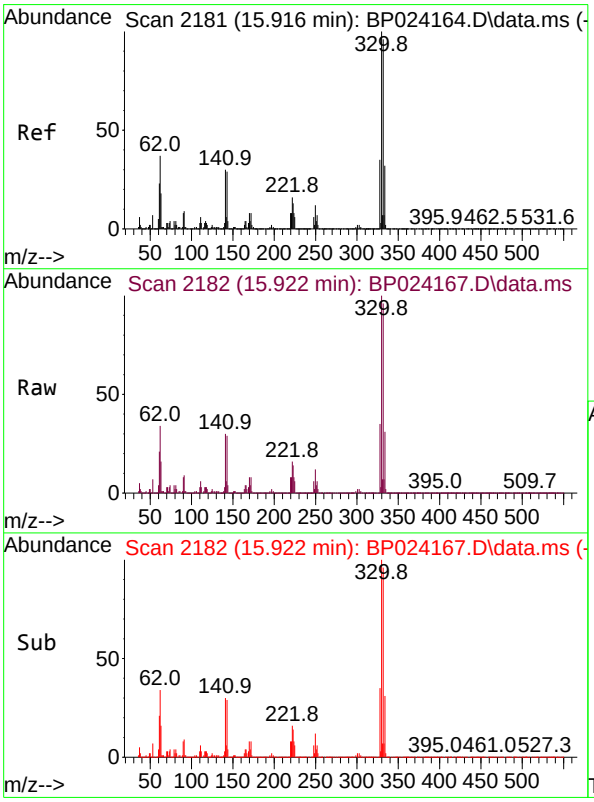
#41
Hexachlorocyclopentadiene
Concen: 77.633 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 788854

Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.8	81.8
272	14.0	0.0	33.5

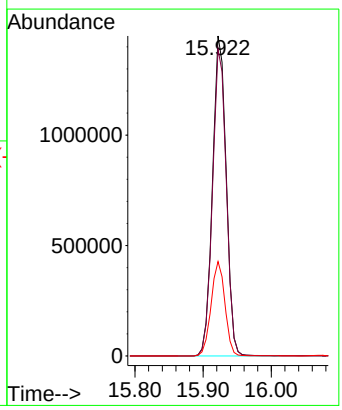


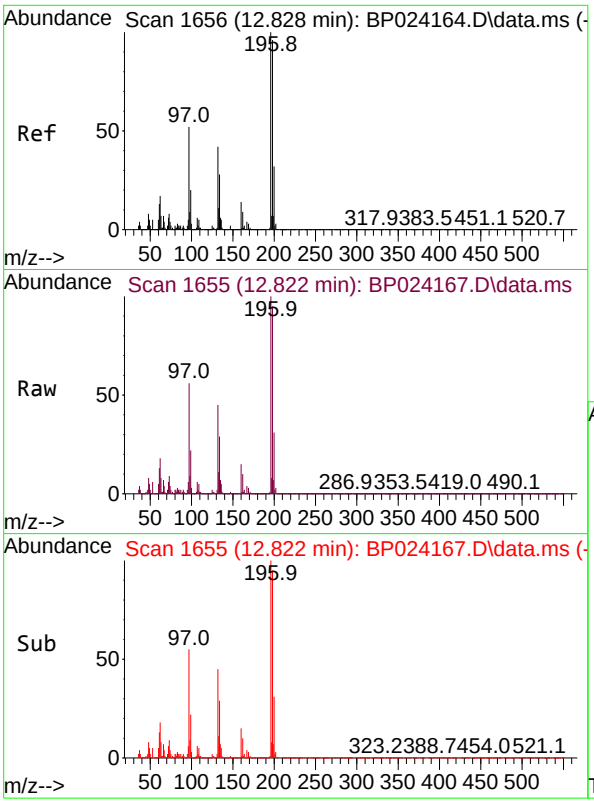


#42
2,4,6-Tribromophenol
Concen: 186.035 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:330 Resp: 2025211

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	29.9	25.0	37.6



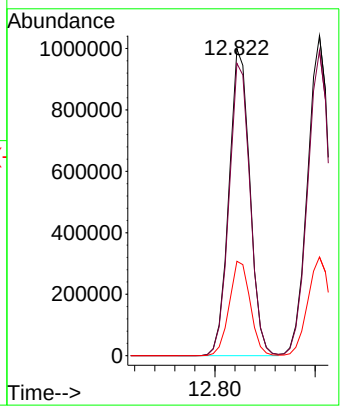


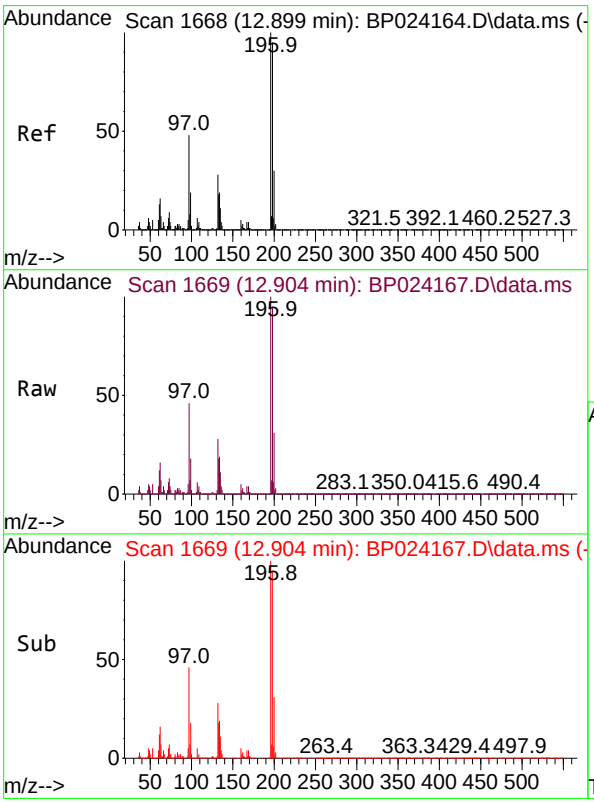
#43
2,4,6-Trichlorophenol
Concen: 86.697 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1443797

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	115.0
200	30.8	25.4	38.0

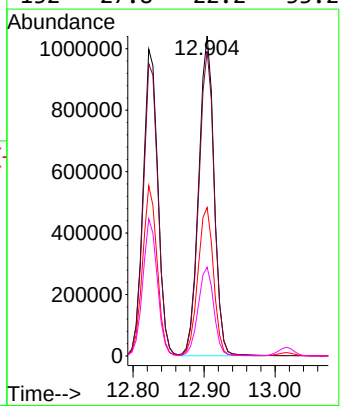


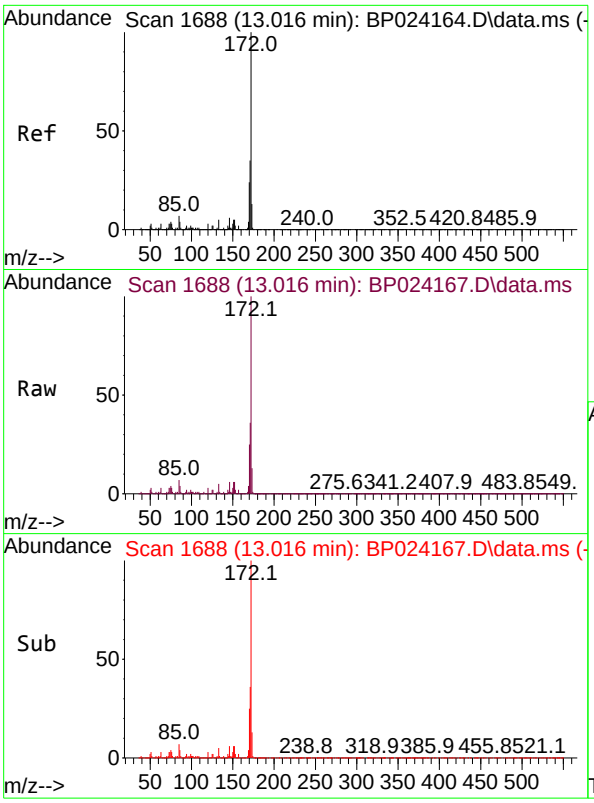


#44
2,4,5-Trichlorophenol
Concen: 86.506 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:196 Resp: 1575527

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.5	114.7
97	46.4	38.7	58.1
132	27.8	22.2	33.2



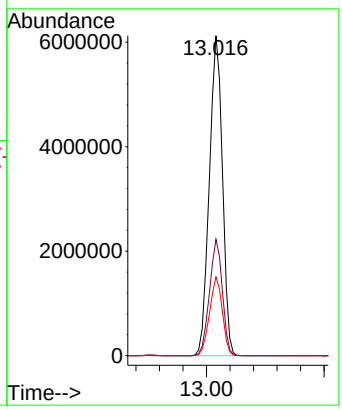


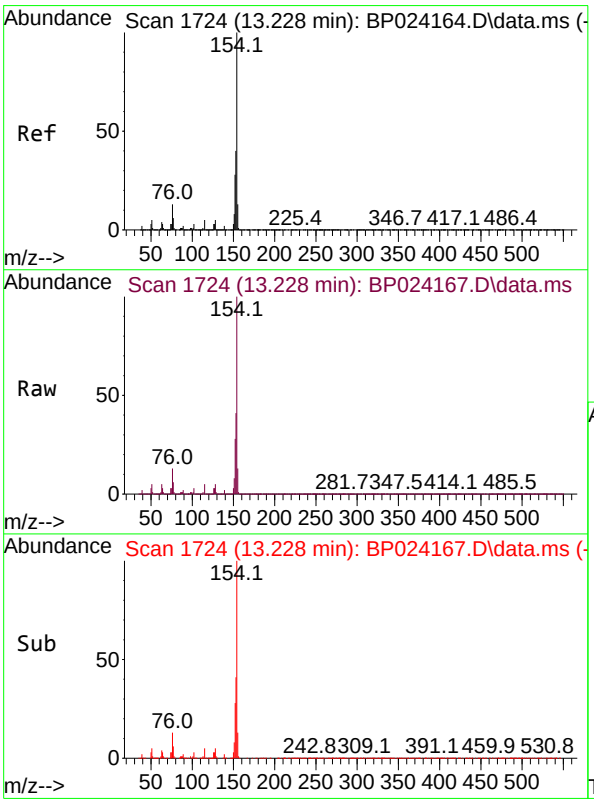
#45
2-Fluorobiphenyl
Concen: 148.993 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 9471932

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.3	42.5
170	24.6	19.0	28.4

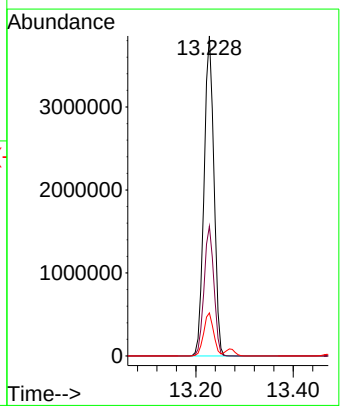


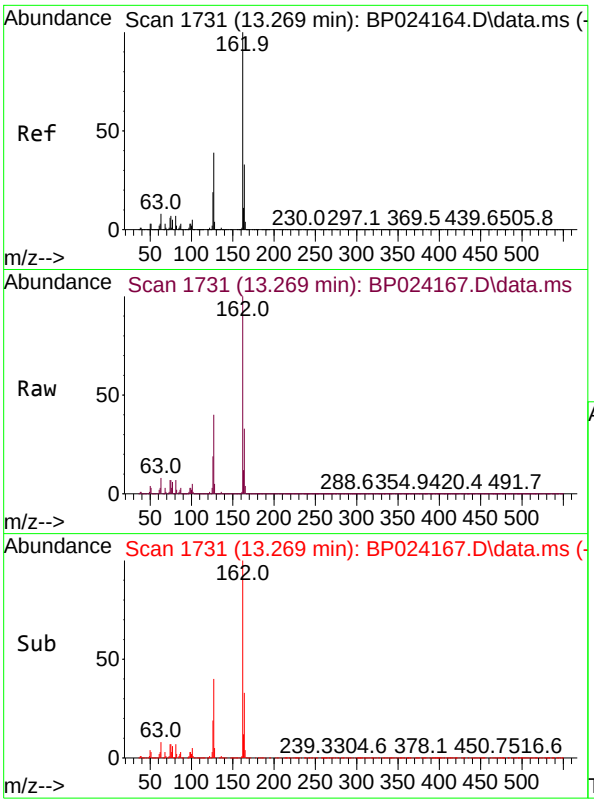


#46
1,1'-Biphenyl
Concen: 78.284 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:154 Resp: 5406424

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.4	0.0	32.9



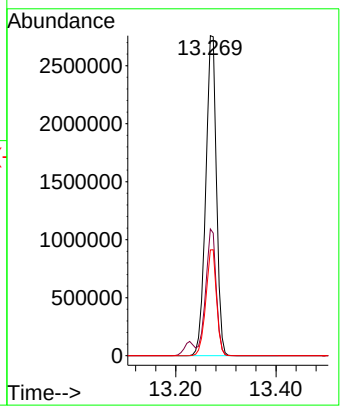


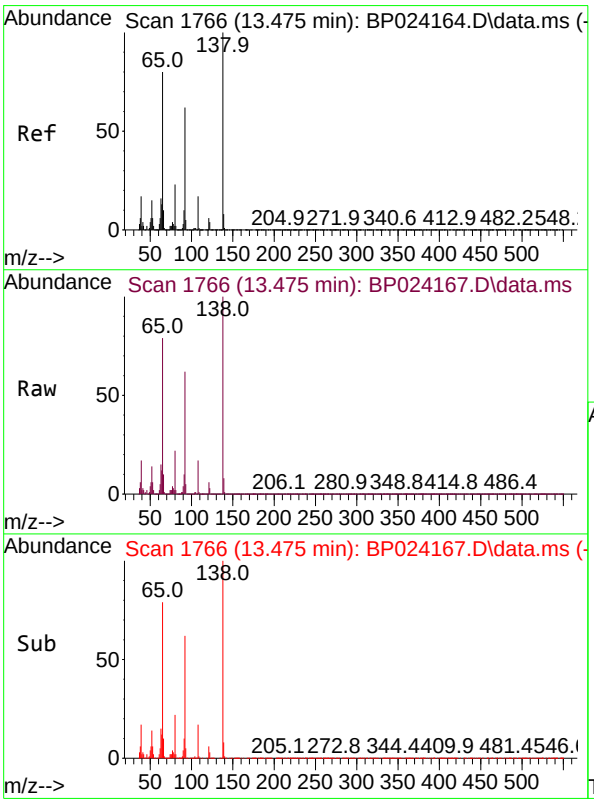
#47
2-Chloronaphthalene
Concen: 78.432 ng
RT: 13.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 4094698

Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.5	47.3
164	33.0	26.6	39.8

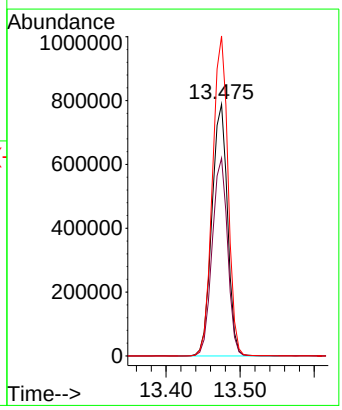


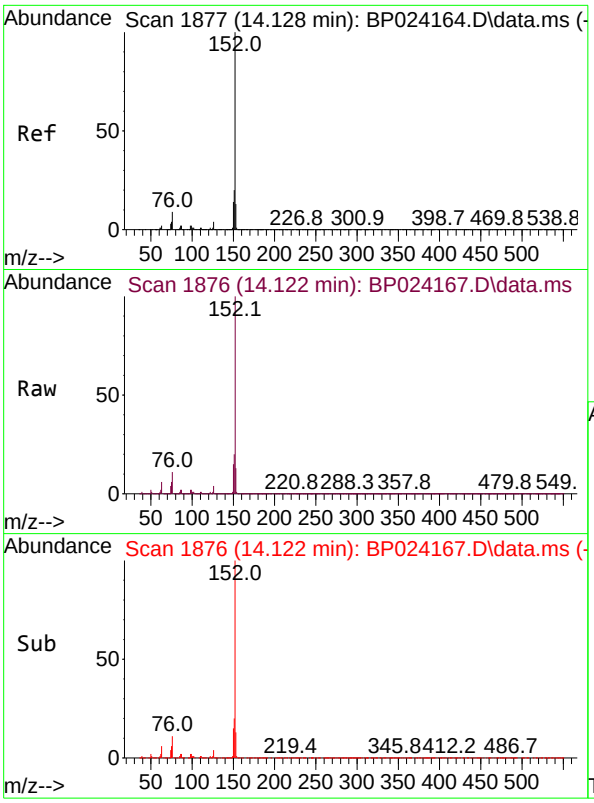


#48
2-Nitroaniline
Concen: 93.303 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 65 Resp: 1150637

Ion	Ratio	Lower	Upper
65	100		
92	78.6	62.1	93.1
138	127.1	99.5	149.3



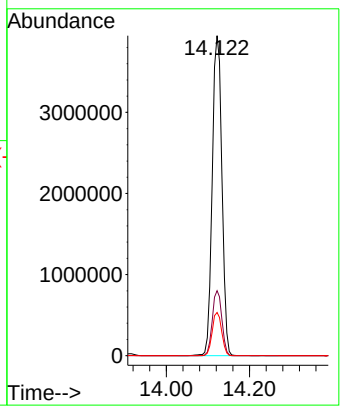


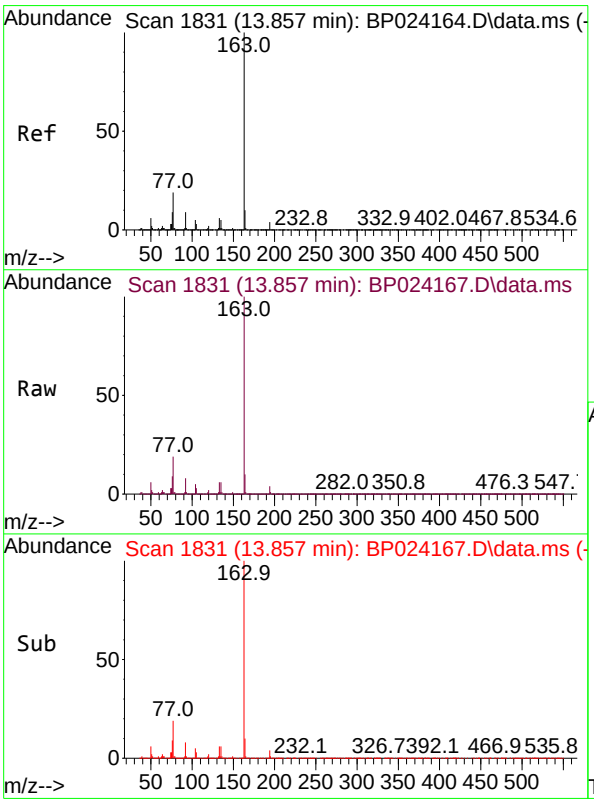
#49
Acenaphthylene
Concen: 82.473 ng
RT: 14.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 6343598

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.5	10.6	15.8

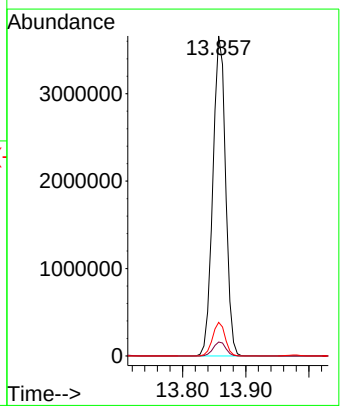


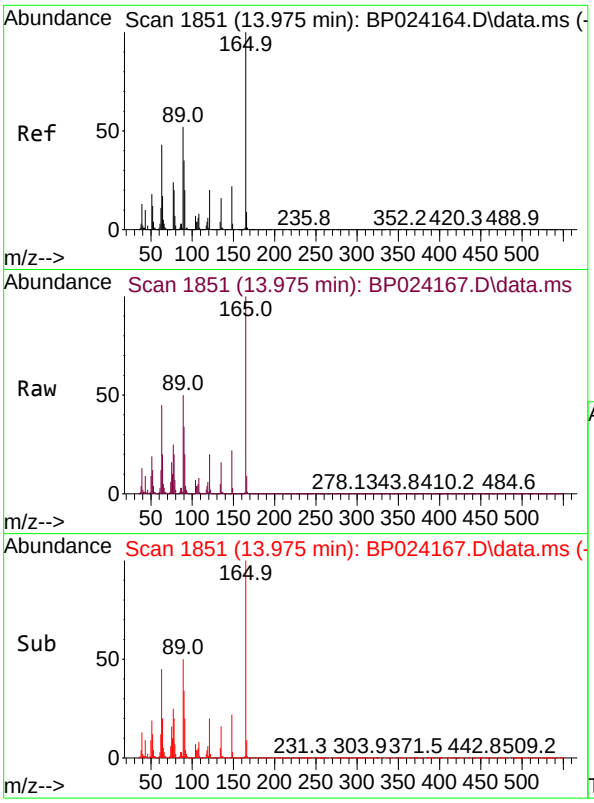


#50
Dimethylphthalate
Concen: 81.603 ng
RT: 13.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:163 Resp: 5115780

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.5	8.2	12.4



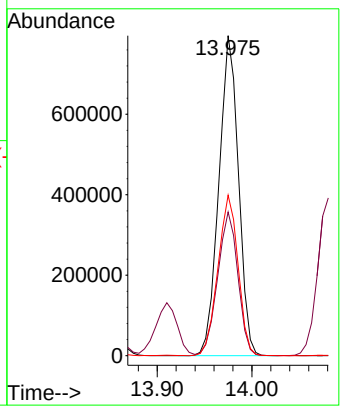


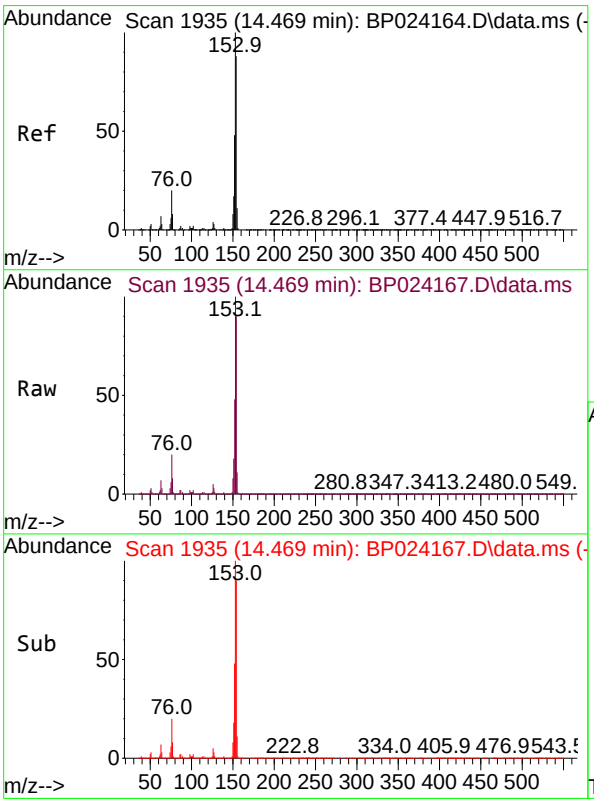
#51
2,6-Dinitrotoluene
Concen: 89.740 ng
RT: 13.975 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1146015

Ion	Ratio	Lower	Upper
165	100		
63	44.9	37.7	56.5
89	50.2	41.9	62.9

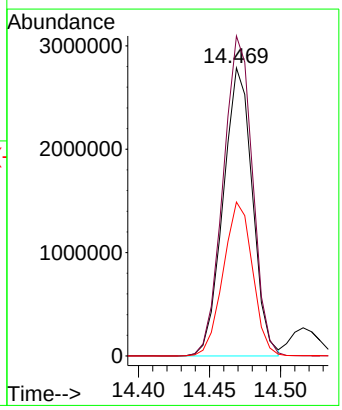


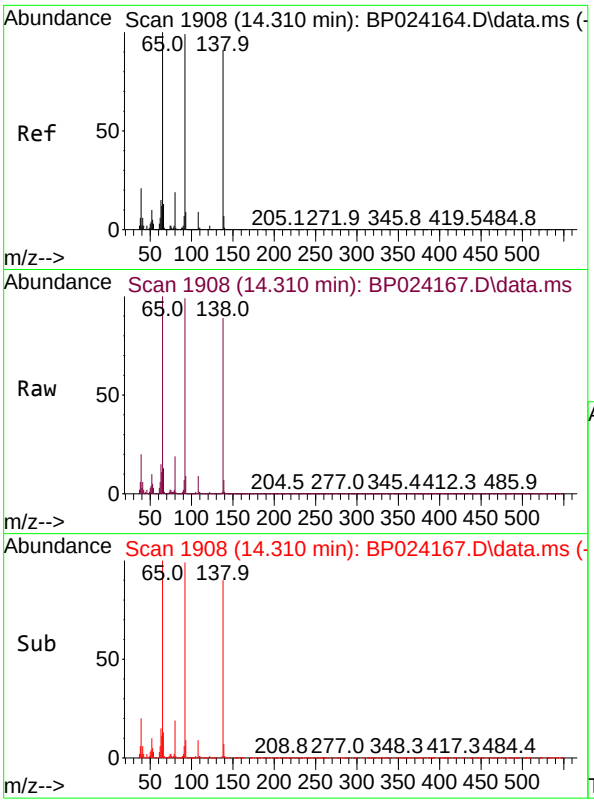


#52
Acenaphthene
Concen: 80.473 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:154 Resp: 3985981

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.5	135.7
152	53.5	43.1	64.7



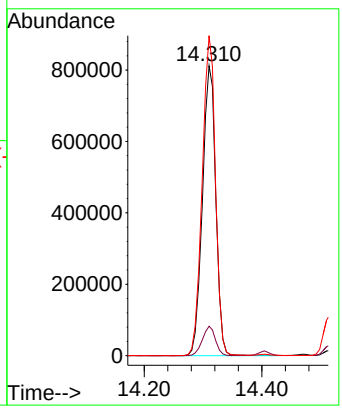


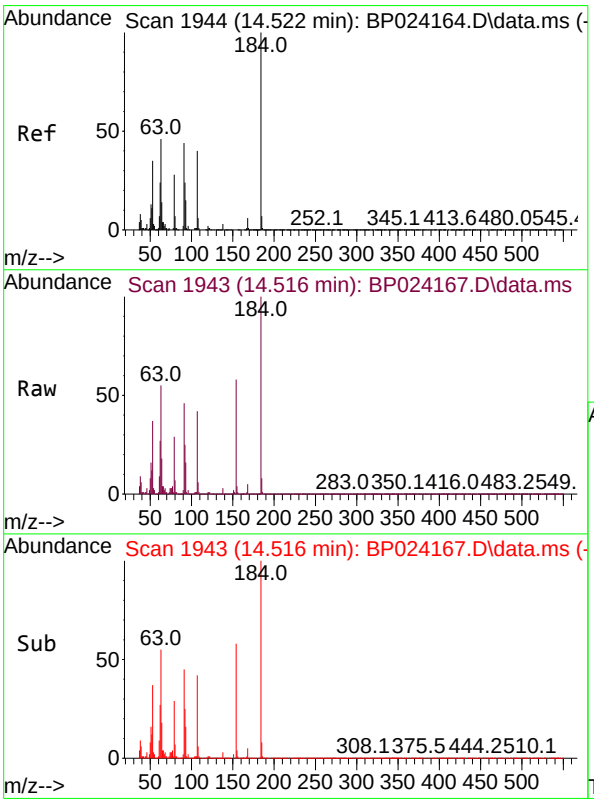
#53
3-Nitroaniline
Concen: 93.713 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 1277036

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.2
92	110.4	86.7	130.1

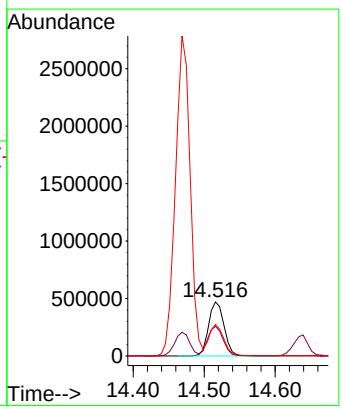


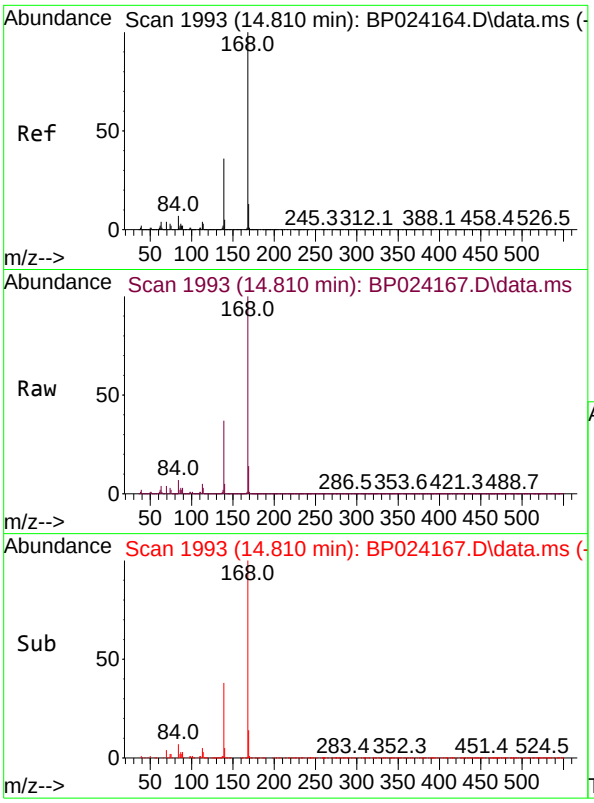


#54
2,4-Dinitrophenol
Concen: 104.772 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:184 Resp: 712550

Ion	Ratio	Lower	Upper
184	100		
63	54.8	42.1	63.1
154	57.9	44.6	67.0



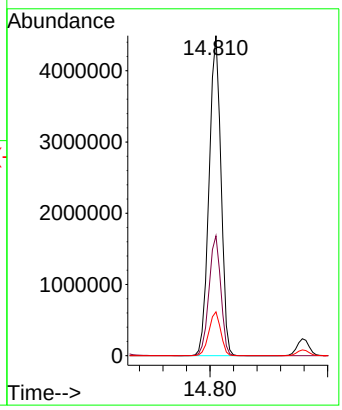


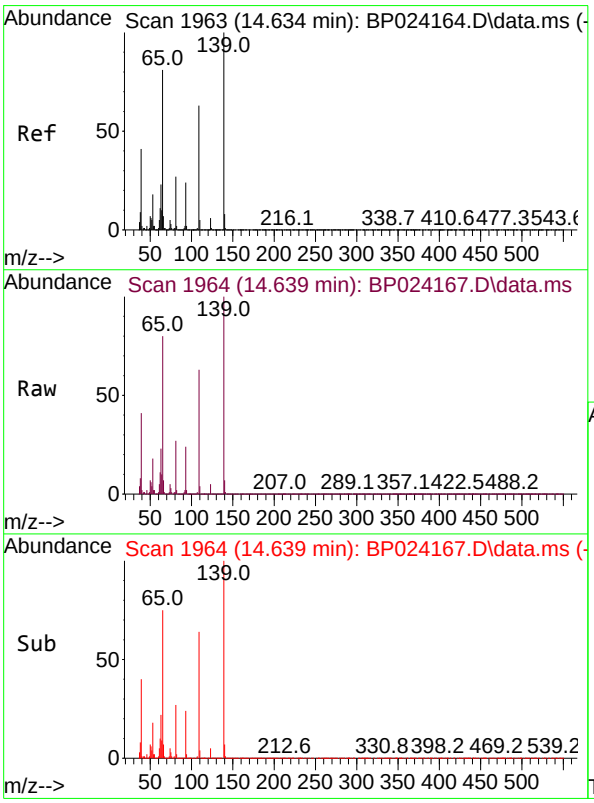
#55
Dibenzofuran
Concen: 78.144 ng
RT: 14.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 6287848

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.1	43.7
169	13.7	10.8	16.2

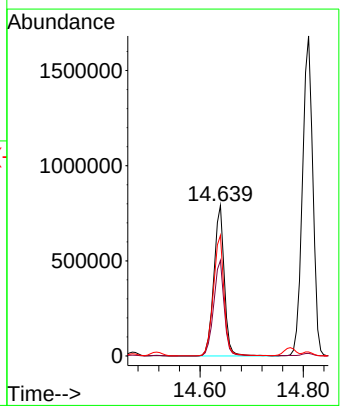


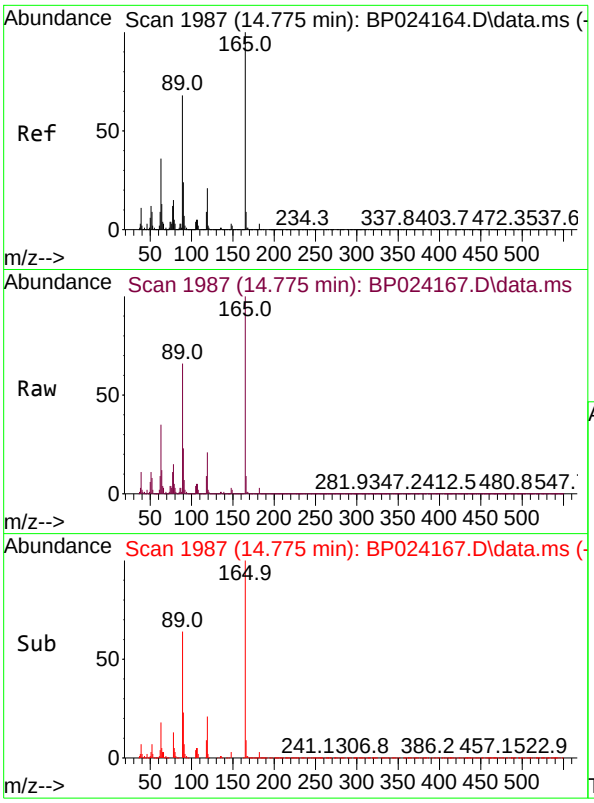


#56
4-Nitrophenol
Concen: 94.320 ng
RT: 14.639 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:139 Resp: 1110260

Ion	Ratio	Lower	Upper
139	100		
109	63.5	43.3	83.3
65	80.2	61.2	101.2



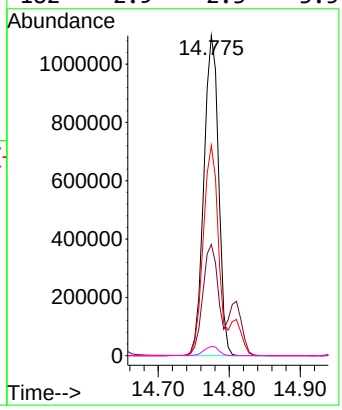


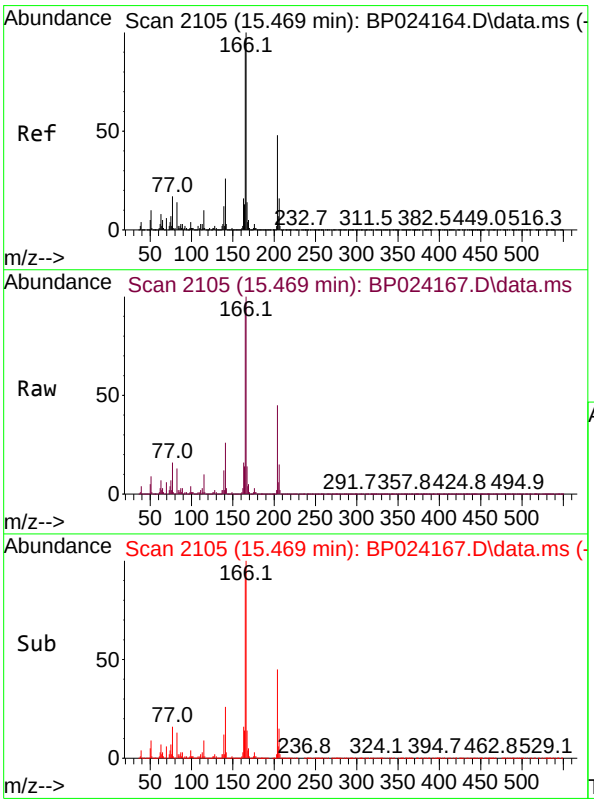
#57
2,4-Dinitrotoluene
Concen: 95.524 ng
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1584658

Ion	Ratio	Lower	Upper
165	100		
63	34.8	29.0	43.6
89	65.7	54.2	81.4
182	2.9	2.3	3.5

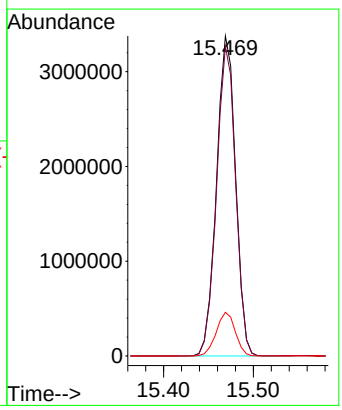


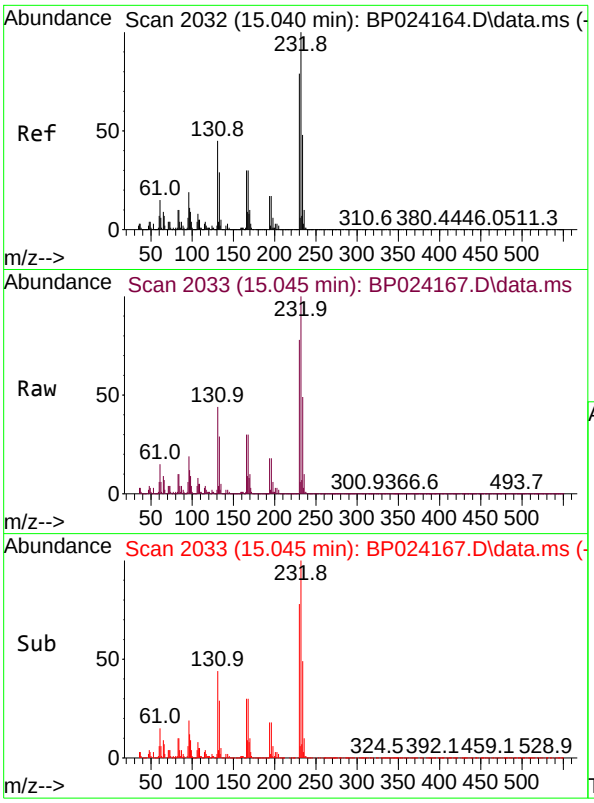


#58
Fluorene
Concen: 79.298 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:166 Resp: 4983161

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.6	116.4
167	13.7	10.8	16.2



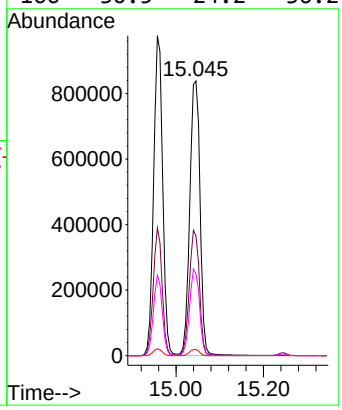


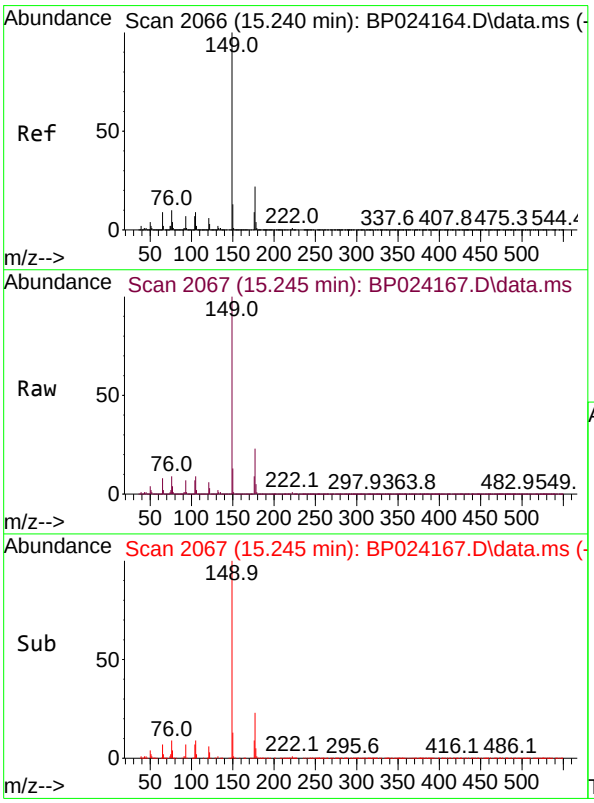
#59
2,3,4,6-Tetrachlorophenol
Concen: 86.797 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 1371535

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.9	53.9
130	2.2	1.8	2.6
166	30.5	24.2	36.2

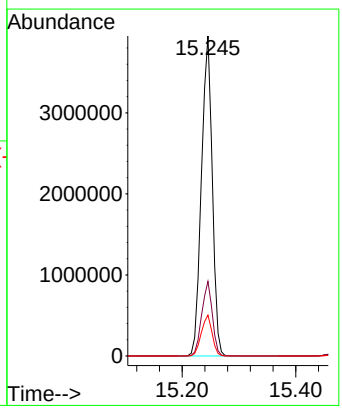


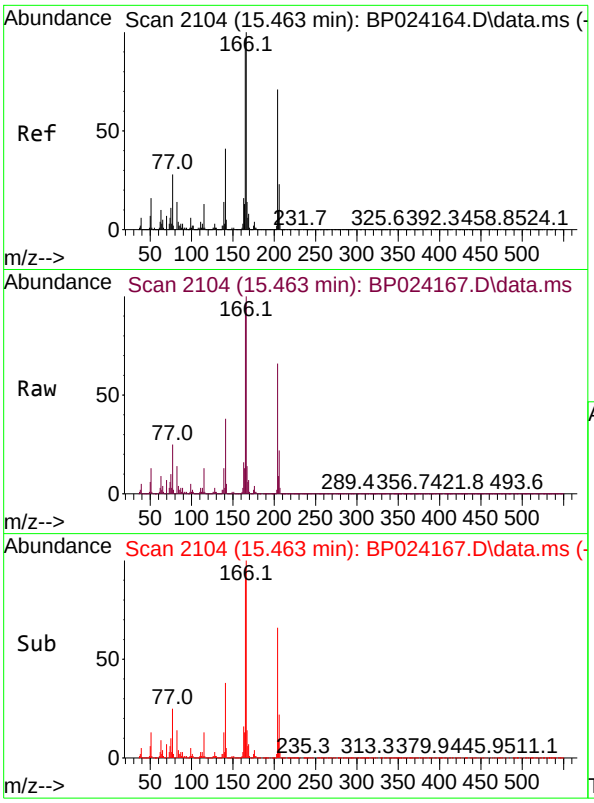


#60
Diethylphthalate
Concen: 83.898 ng
RT: 15.245 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:149 Resp: 5221159

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.7	26.5
150	12.7	10.2	15.4



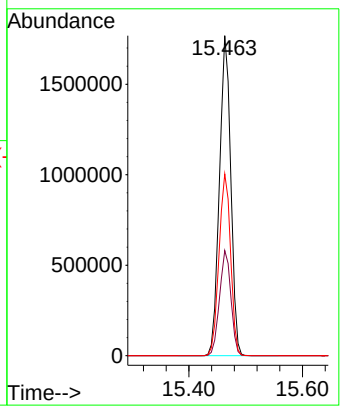


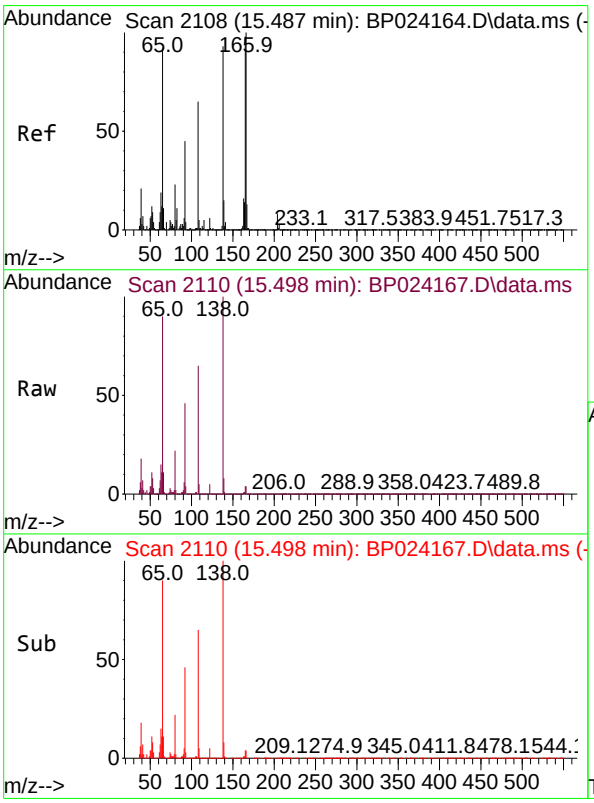
#61
4-Chlorophenyl-phenylether
Concen: 79.305 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 2453010

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	56.8	45.8	68.8

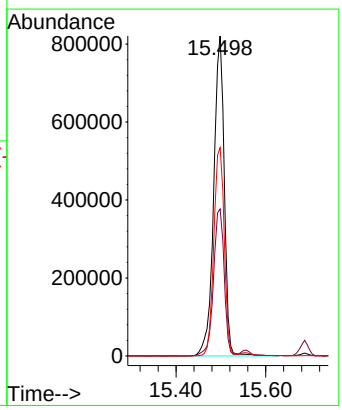


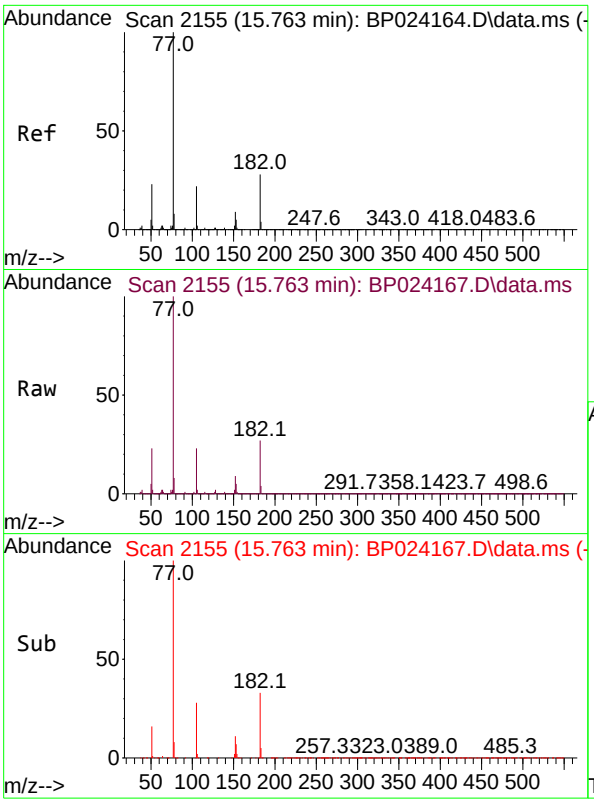


#62
4-Nitroaniline
Concen: 95.238 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:138 Resp: 1346814

Ion	Ratio	Lower	Upper
138	100		
92	46.0	28.7	68.7
108	65.1	49.5	89.5



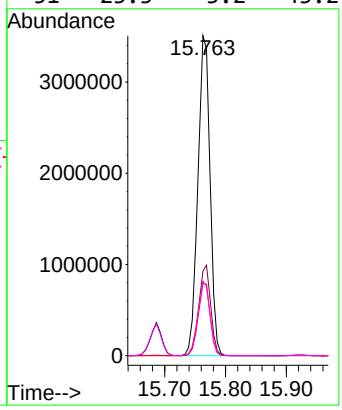


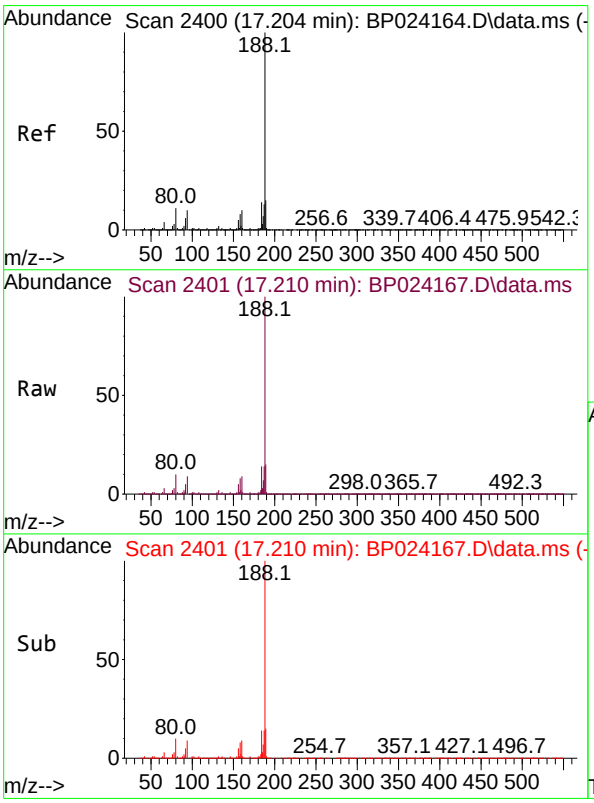
#63
Azobenzene
Concen: 83.196 ng
RT: 15.763 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 4851665

Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.7	47.7
105	22.7	2.3	42.3
51	23.3	3.2	43.2

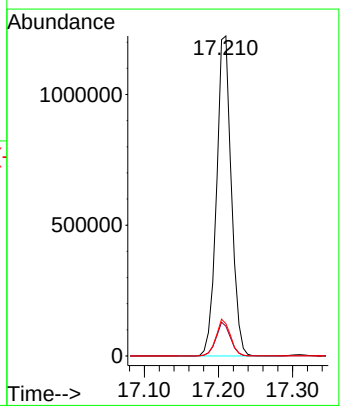


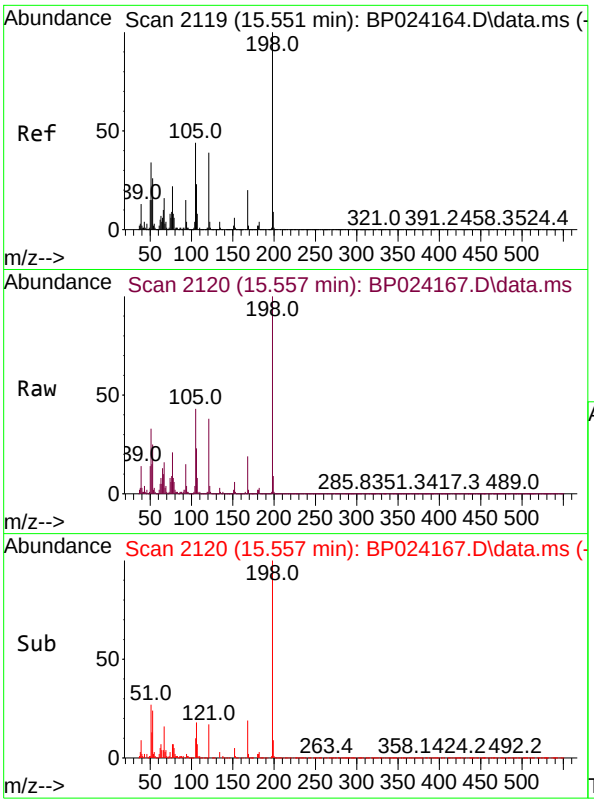


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:188 Resp: 1690241

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	10.1	8.9	13.3



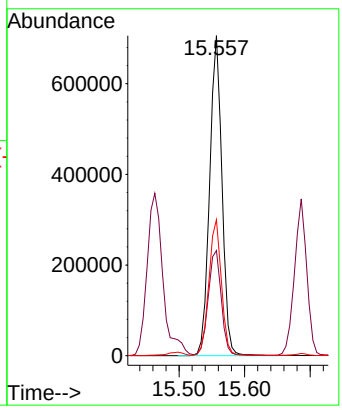


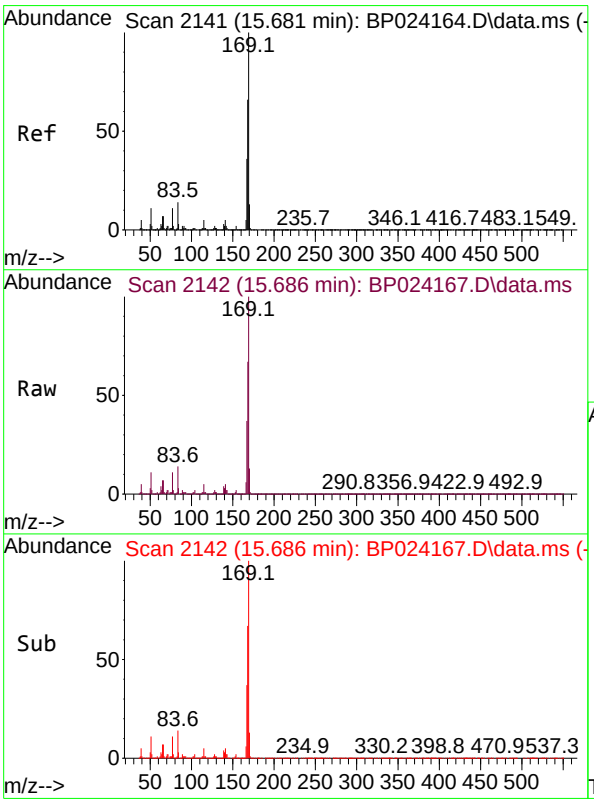
#65
4,6-Dinitro-2-methylphenol
Concen: 94.517 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 924643

Ion	Ratio	Lower	Upper
198	100		
51	32.8	14.7	54.7
105	42.5	23.8	63.8

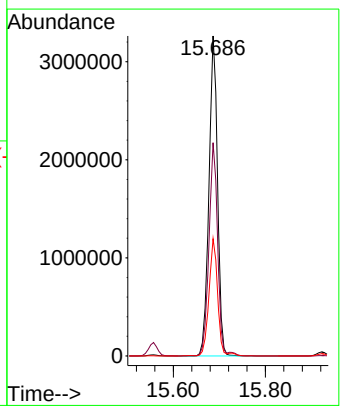


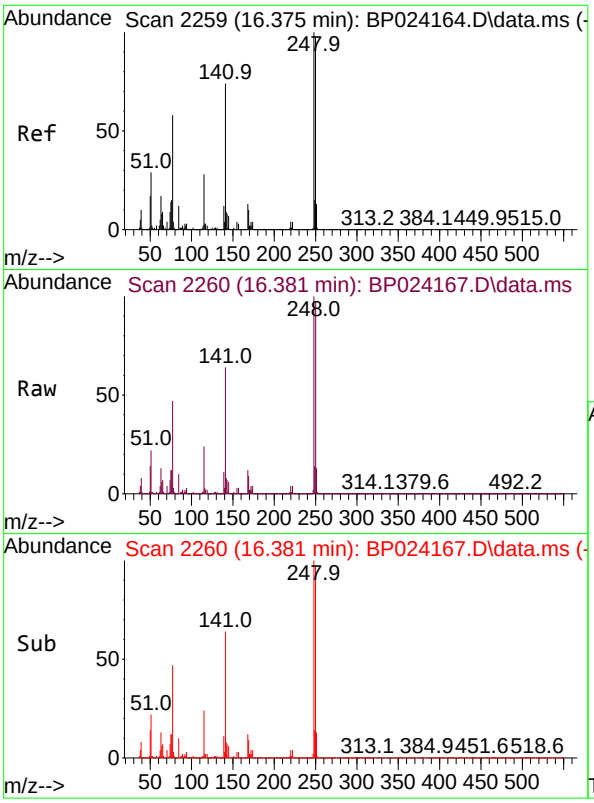


#66
n-Nitrosodiphenylamine
Concen: 80.285 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:169 Resp: 4231796

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.9	79.3
167	36.7	28.8	43.2



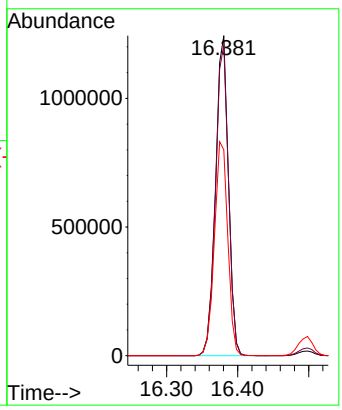


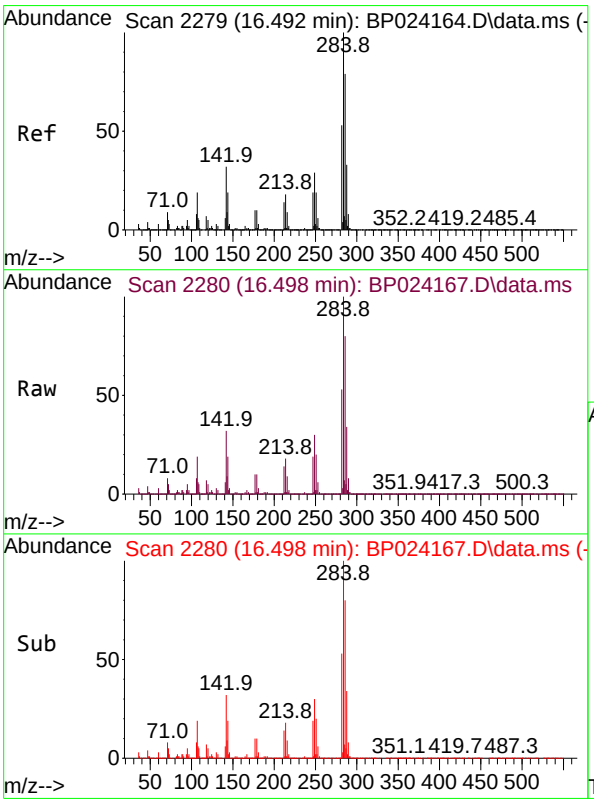
#67
4-Bromophenyl-phenylether
Concen: 82.455 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1565037

Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.4	117.6
141	64.3	59.4	89.0

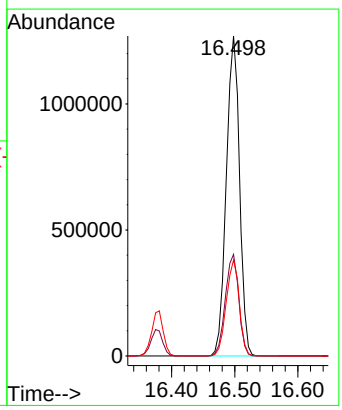


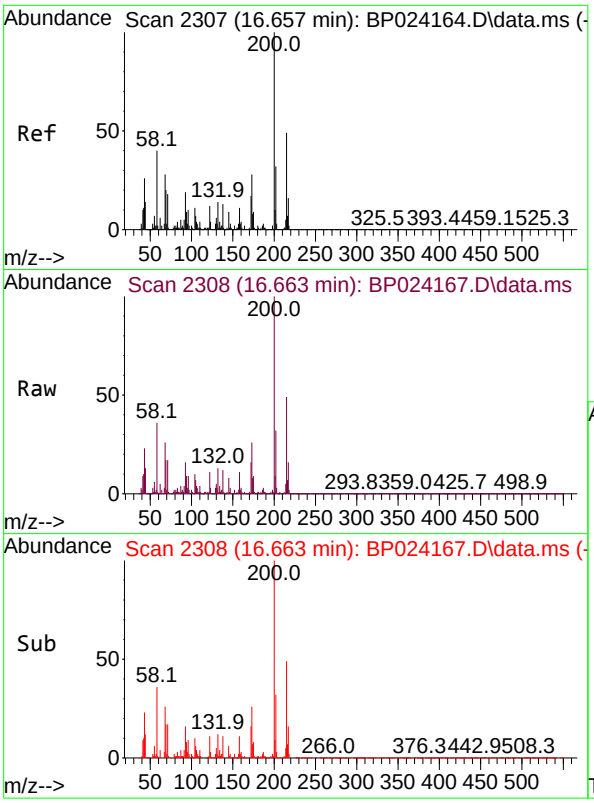


#68
Hexachlorobenzene
Concen: 82.437 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:284 Resp: 1841149

Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.4	38.2
249	30.0	23.5	35.3



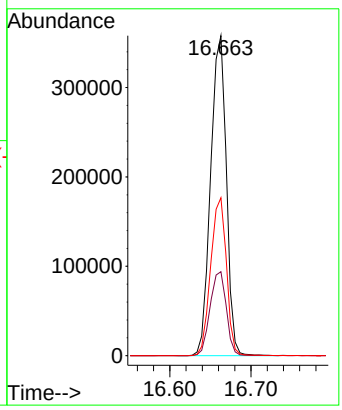


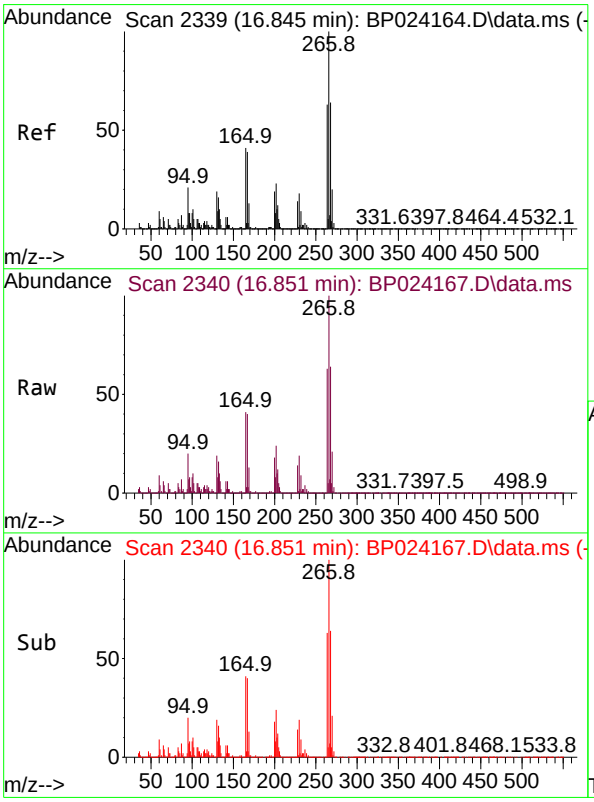
#69
Atrazine
Concen: 35.553 ng
RT: 16.663 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 480919

Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.6	47.6
215	49.4	29.0	69.0

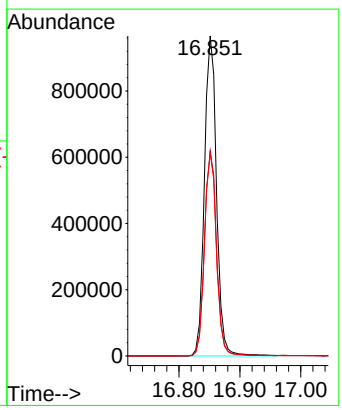


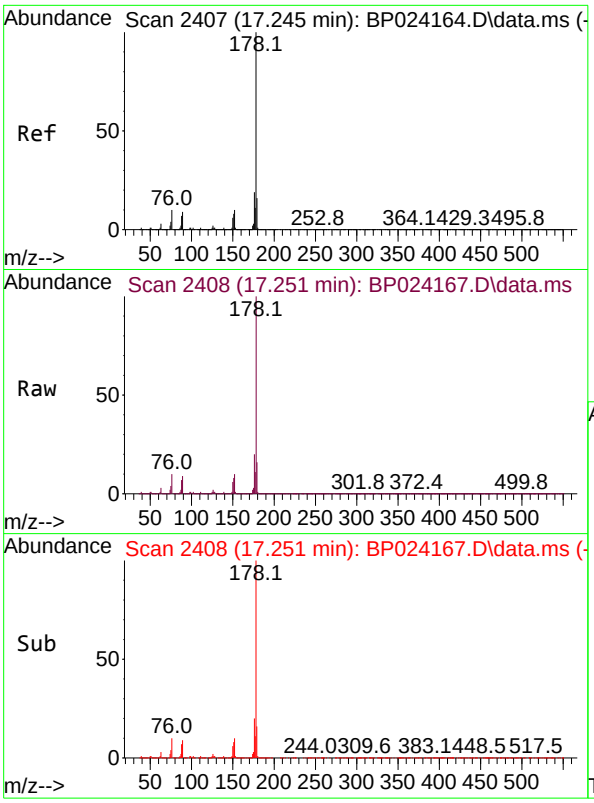


#70
Pentachlorophenol
Concen: 92.003 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:266 Resp: 1334567

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	63.4	50.6	76.0



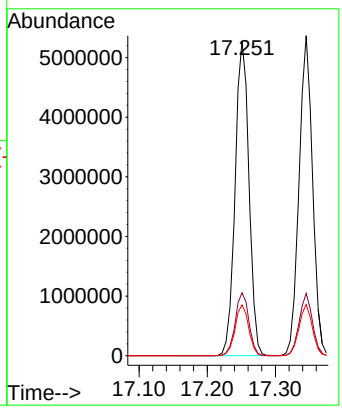


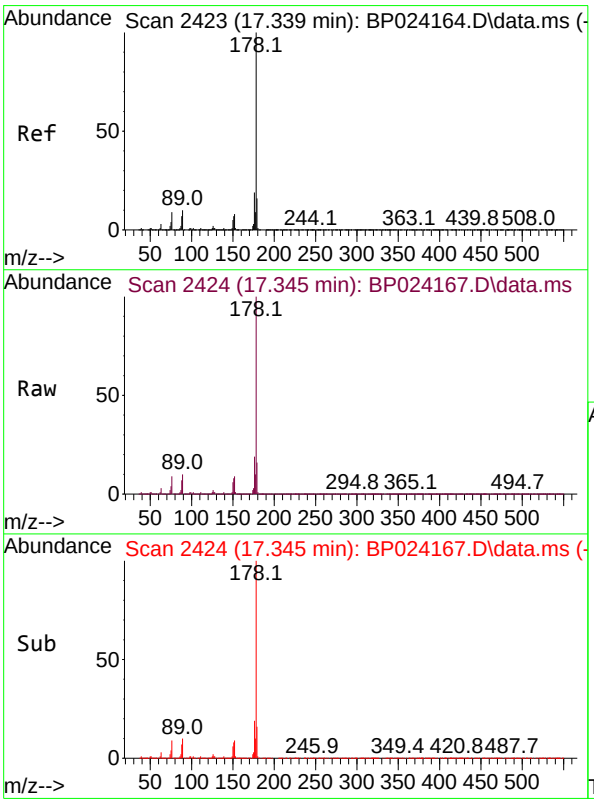
#71
Phenanthrene
Concen: 78.188 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 7450840

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	16.1	12.5	18.7

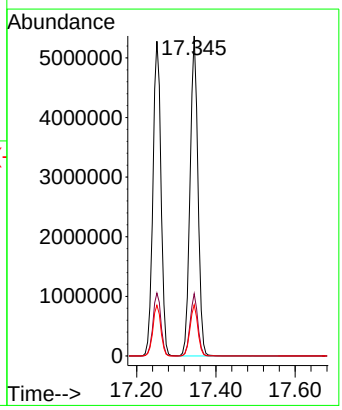


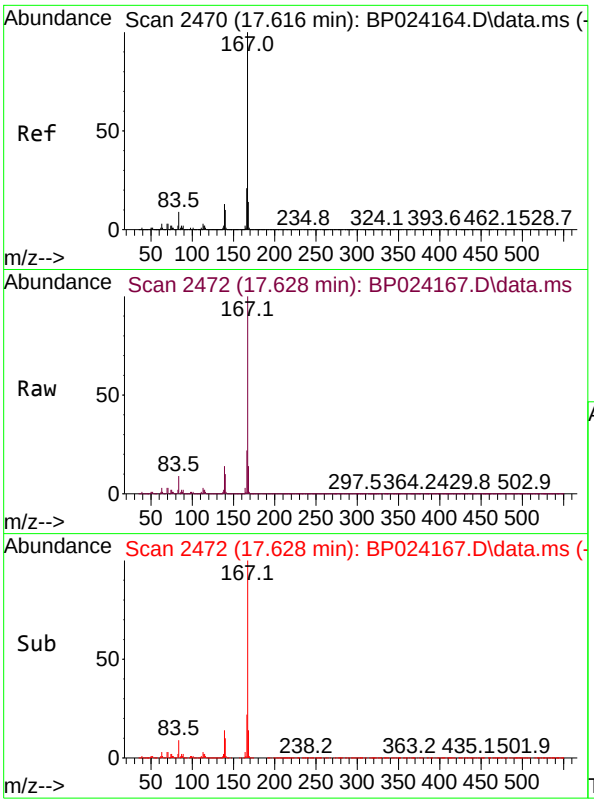


#72
Anthracene
Concen: 81.264 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:178 Resp: 7420971

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	16.0	12.6	18.8



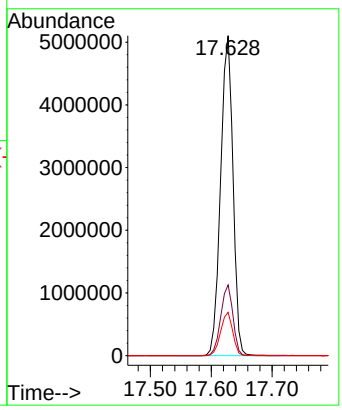


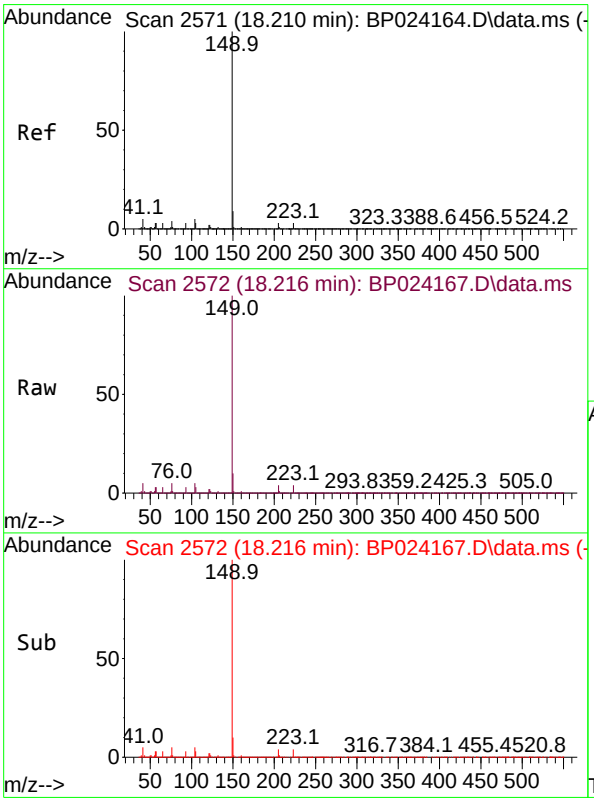
#73
Carbazole
Concen: 82.862 ng
RT: 17.628 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 7209600

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	13.6	10.2	15.4

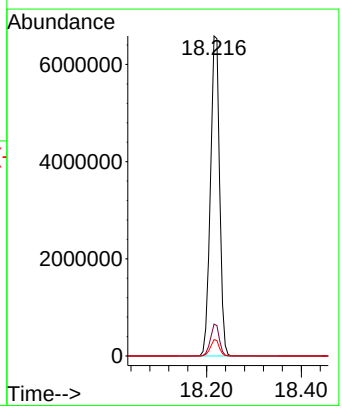


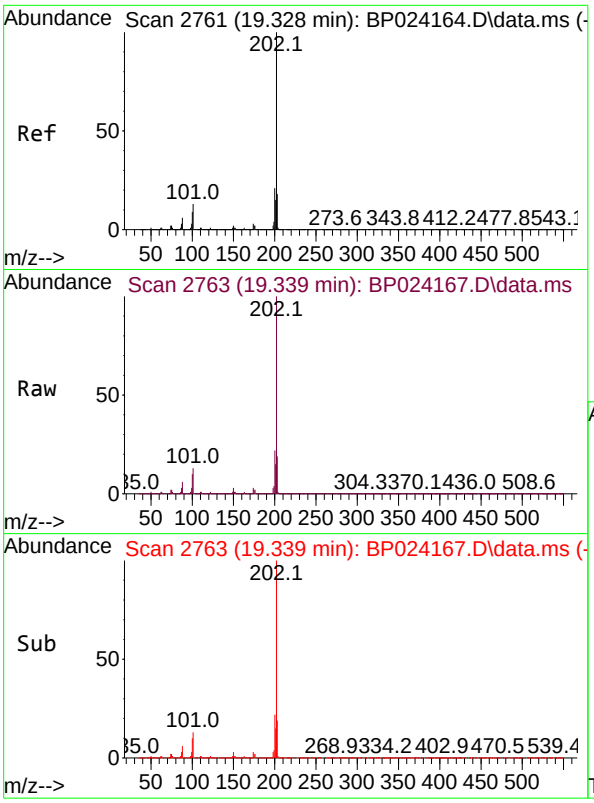


#74
Di-n-butylphthalate
Concen: 86.868 ng
RT: 18.216 min Scan# 2572
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:149 Resp: 8819030

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	5.1	3.9	5.9



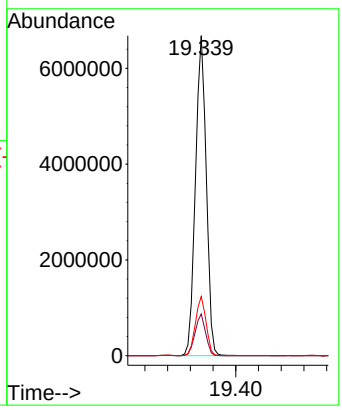


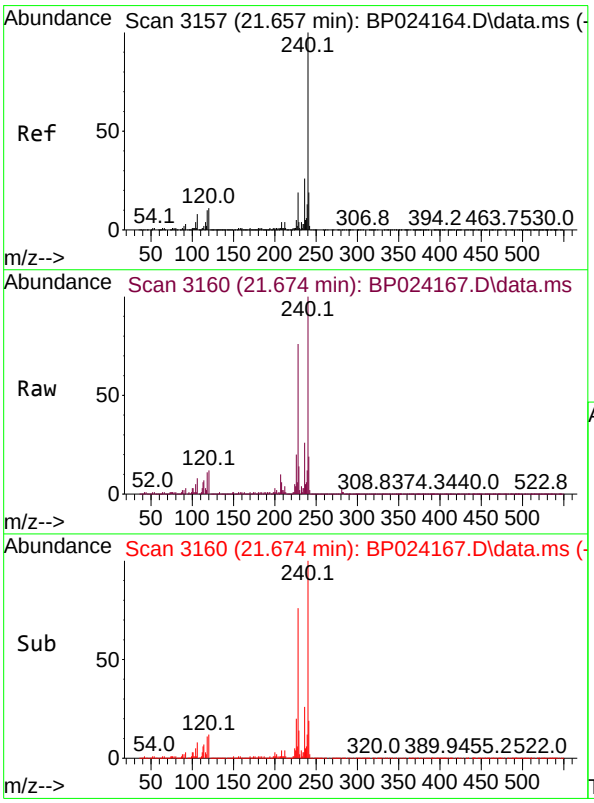
#75
Fluoranthene
Concen: 82.280 ng
RT: 19.339 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 8868502

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.5
203	18.5	0.0	37.9

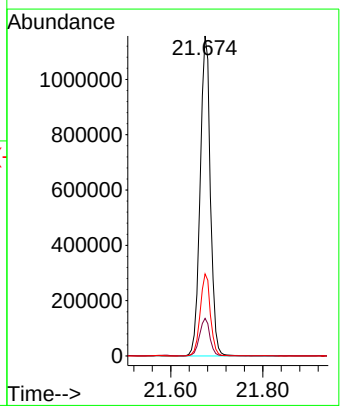


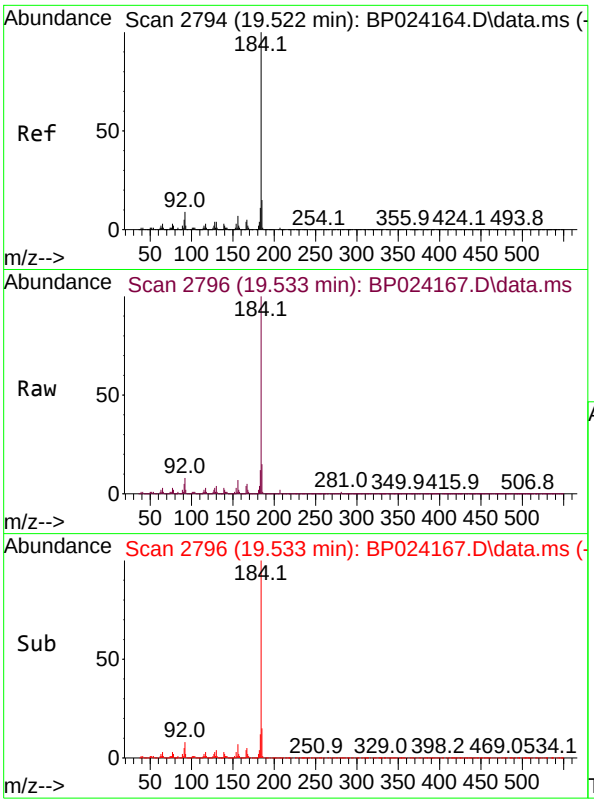


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.674 min Scan# 3160
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:240 Resp: 1785678

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	25.6	20.4	30.6



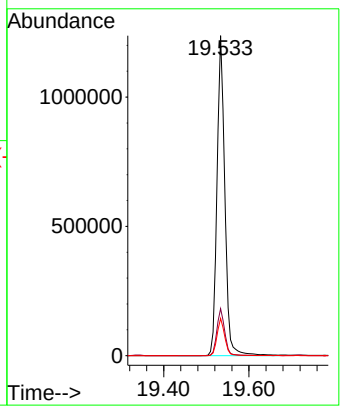


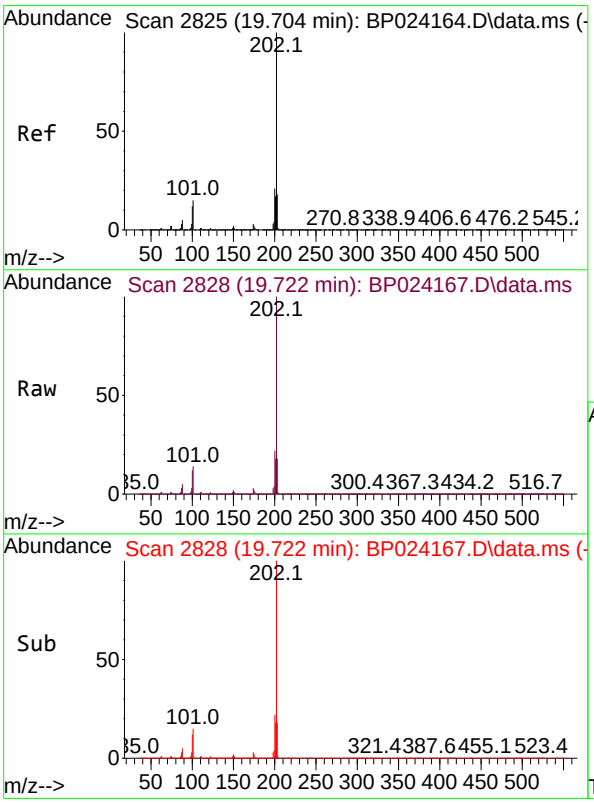
#77
Benzidine
Concen: 72.794 ng
RT: 19.533 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 1583965

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.7	9.1	13.7

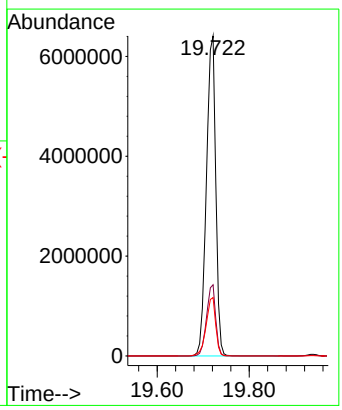


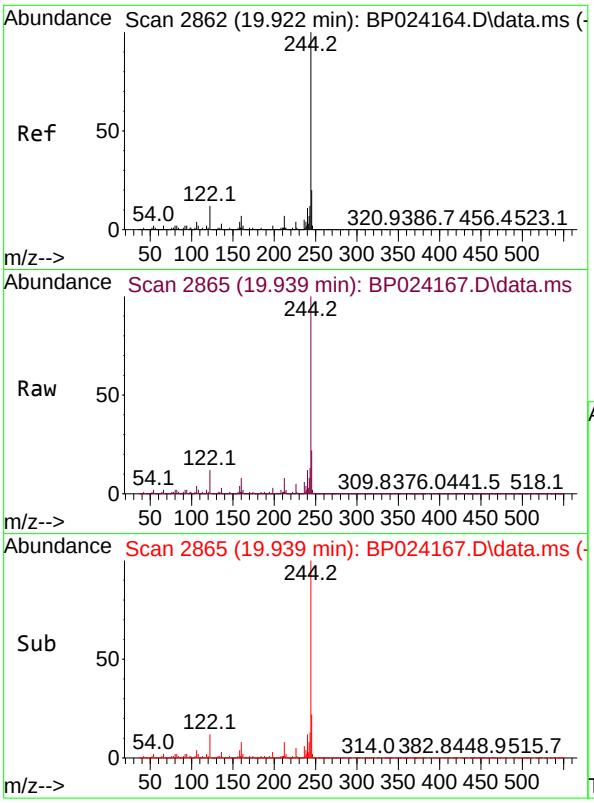


#78
Pyrene
Concen: 80.230 ng
RT: 19.722 min Scan# 2828
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:202 Resp: 9100075

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.1	25.7
203	18.3	14.2	21.4



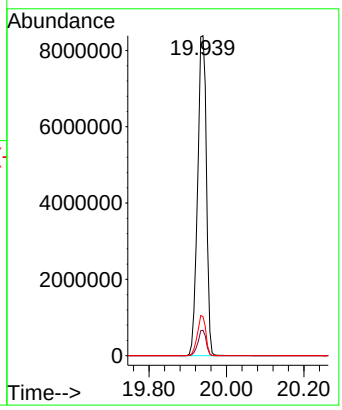


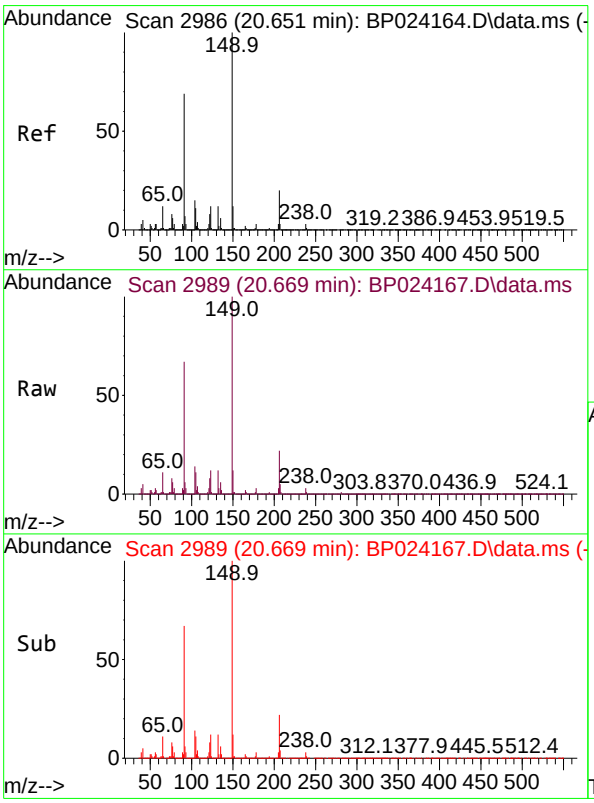
#79
Terphenyl-d14
Concen: 146.201 ng
RT: 19.939 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp:13193577

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	12.2	9.6	14.4

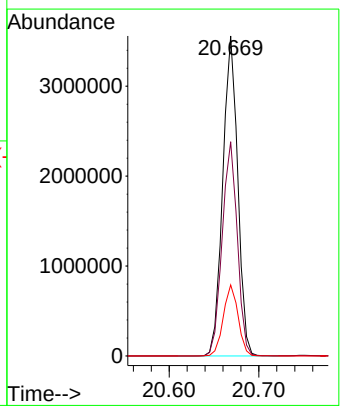


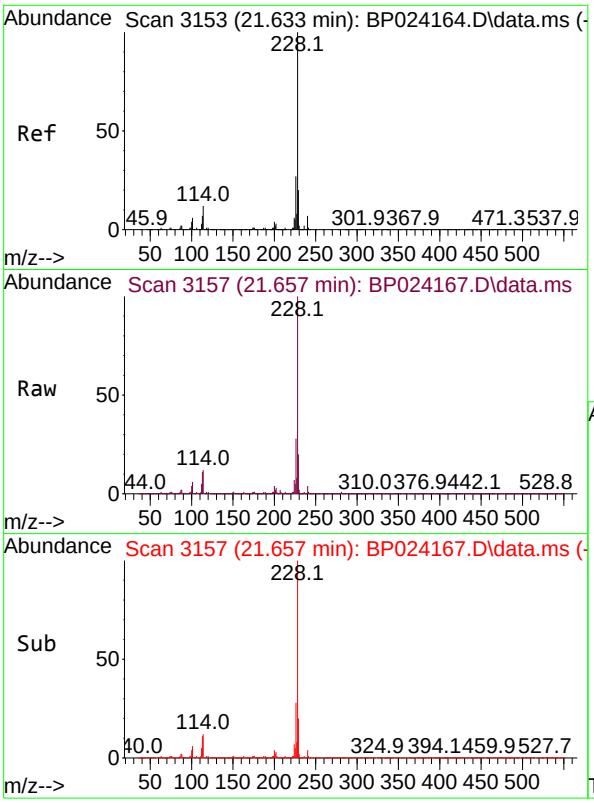


#80
Butylbenzylphthalate
Concen: 94.735 ng
RT: 20.669 min Scan# 2989
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:149 Resp: 4117551

Ion	Ratio	Lower	Upper
149	100		
91	66.9	55.3	82.9
206	22.2	16.1	24.1



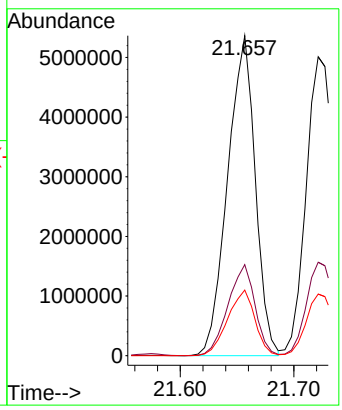


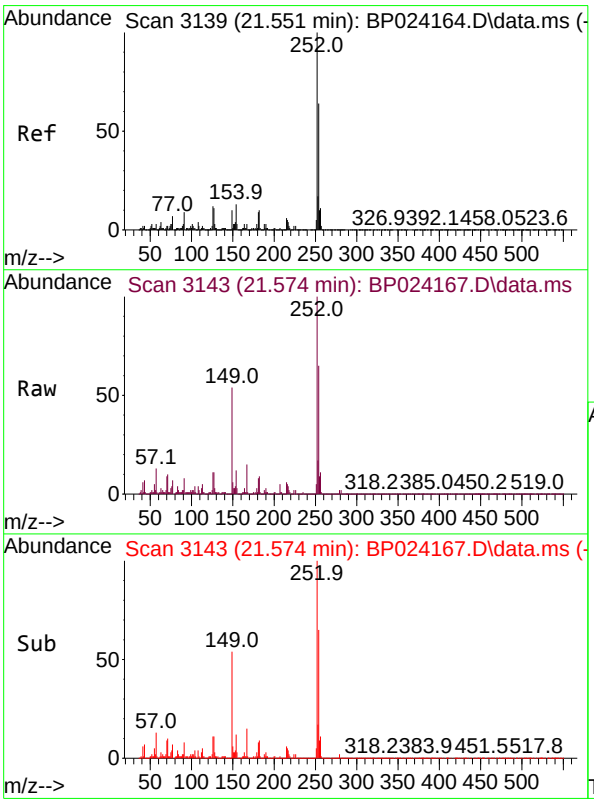
#81
Benzo(a)anthracene
Concen: 81.050 ng
RT: 21.657 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 9075269

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	20.5	16.0	24.0

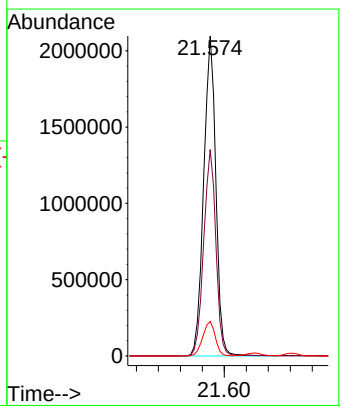


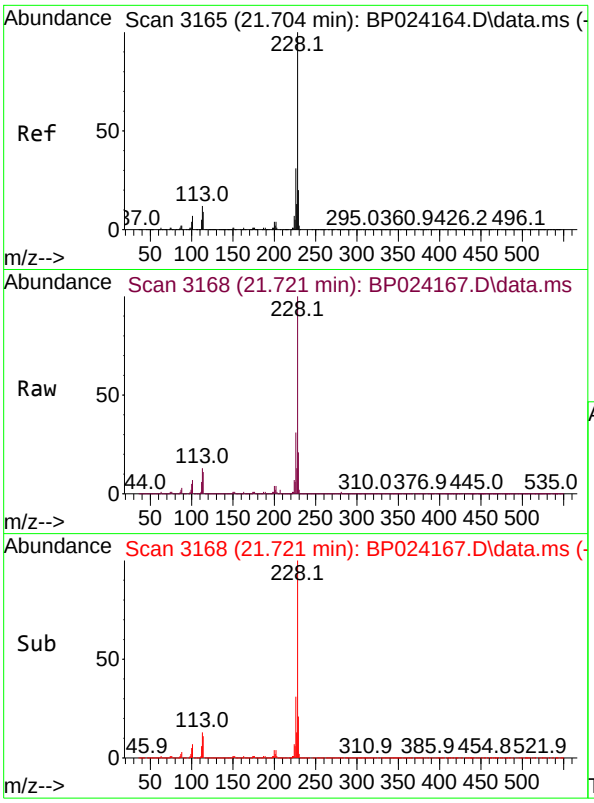


#82
3,3'-Dichlorobenzidine
Concen: 91.925 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:252 Resp: 3216378

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	10.8	9.3	13.9



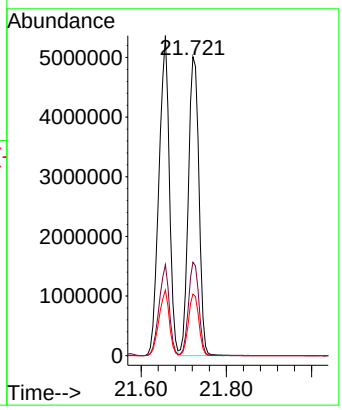


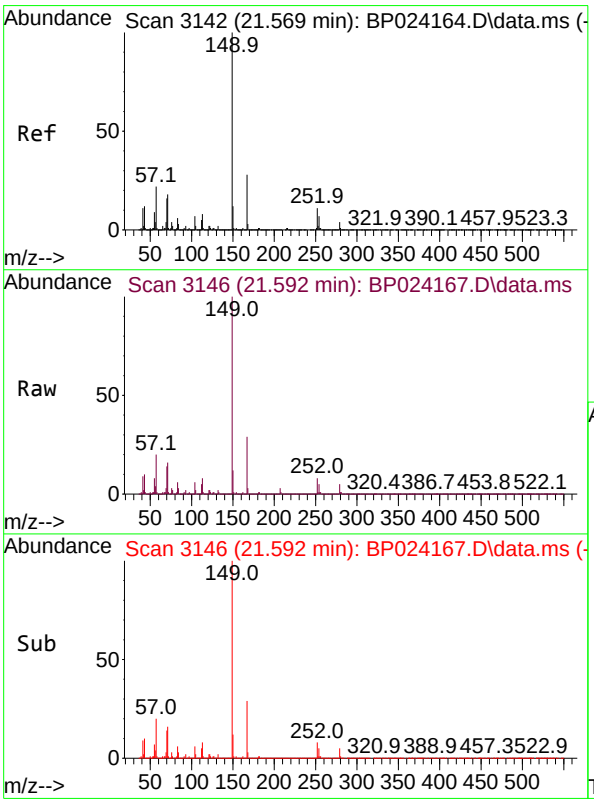
#83
Chrysene
Concen: 79.981 ng
RT: 21.721 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 8635685

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	20.6	16.2	24.2

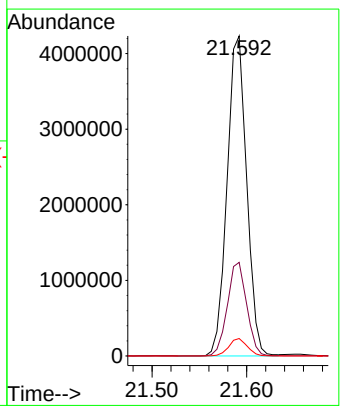


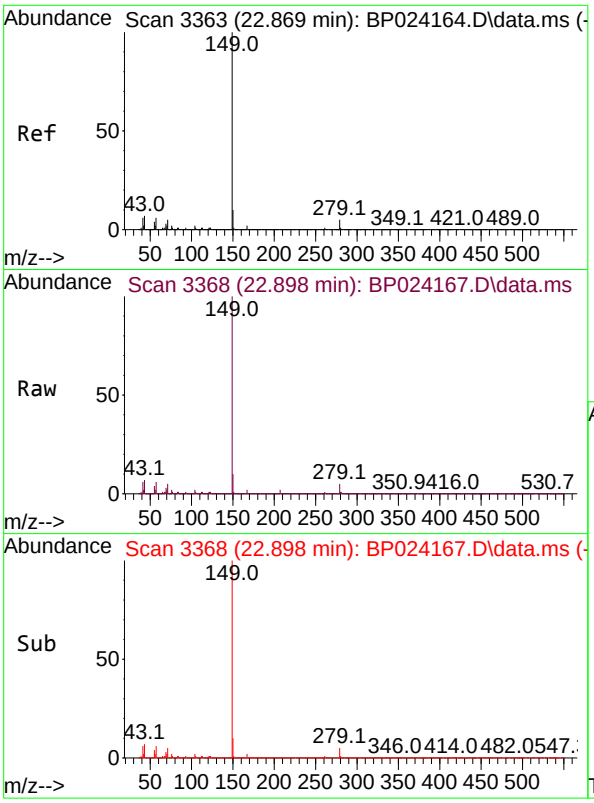


#84
Bis(2-ethylhexyl)phthalate
Concen: 92.215 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:149 Resp: 6077881

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.5	33.7
279	5.5	3.6	5.4#



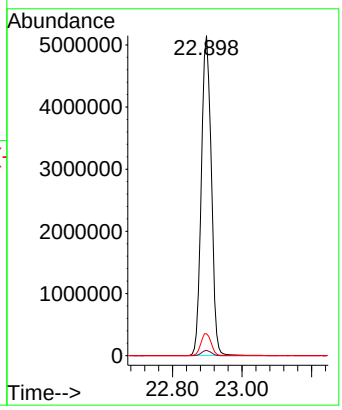


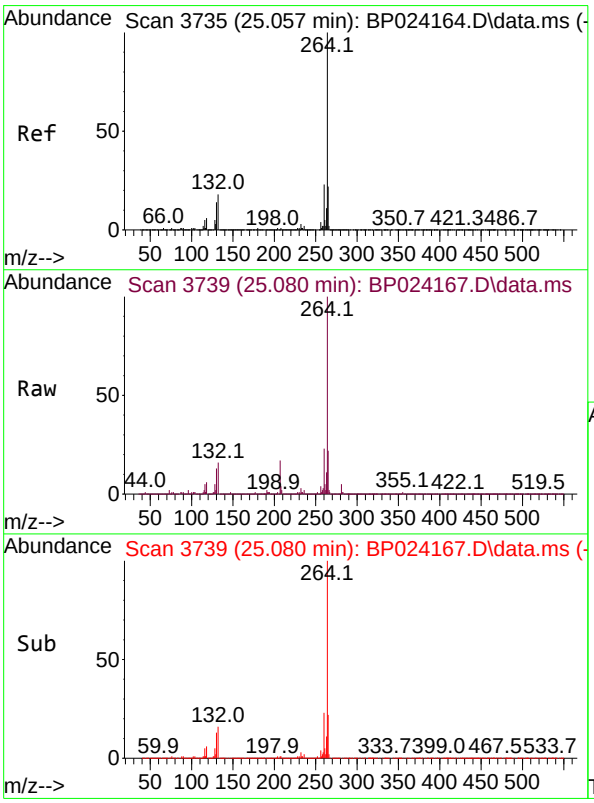
#85
Di-n-octyl phthalate
Concen: 97.189 ng
RT: 22.898 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp:10239008

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.8	8.8

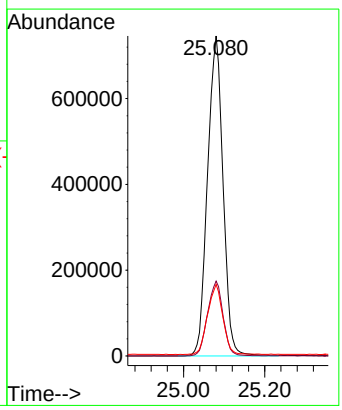


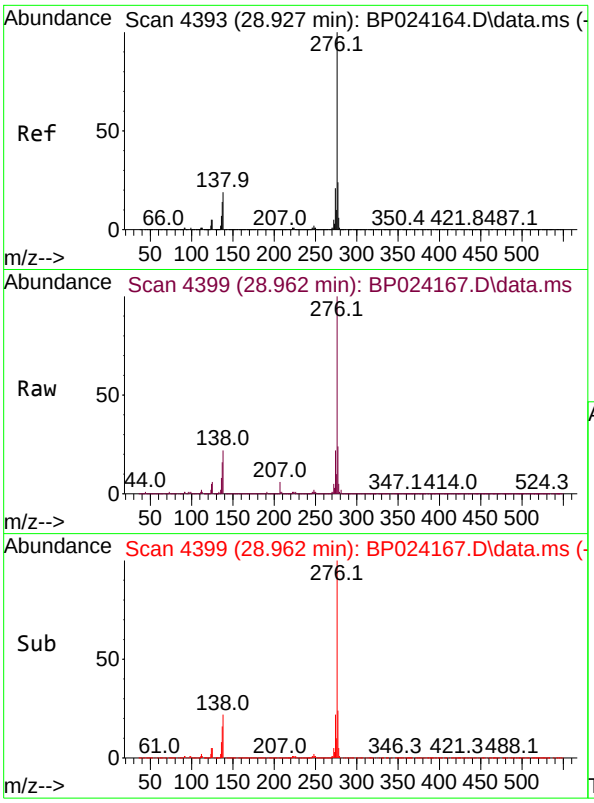


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.080 min Scan# 3739
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:264 Resp: 1974592

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.3	17.7	26.5



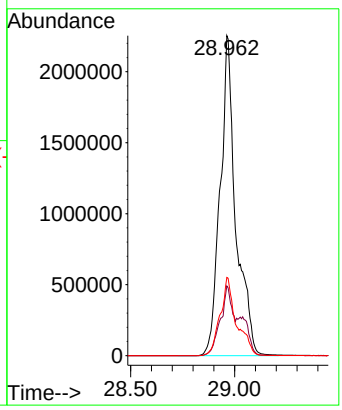


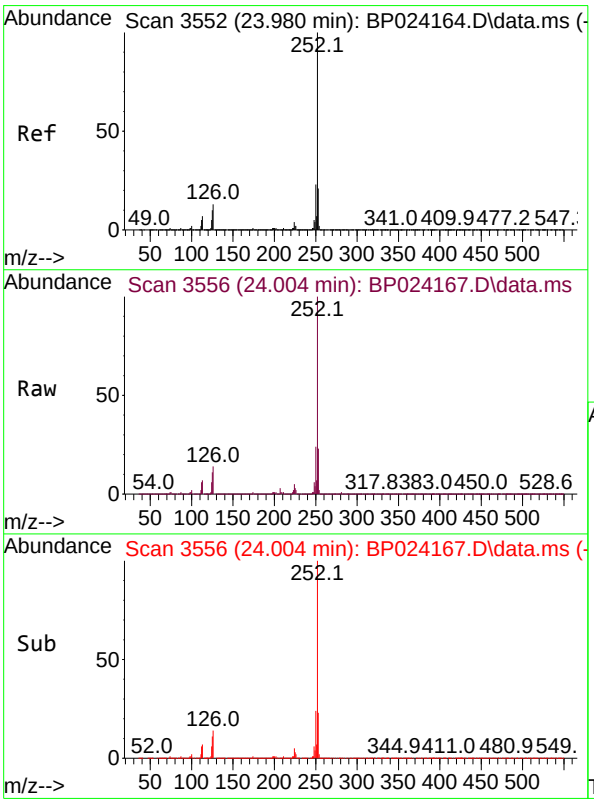
#87
Indeno(1,2,3-cd)pyrene
Concen: 84.301 ng
RT: 28.962 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp:11842118

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.7	20.5
277	25.4	20.2	30.2

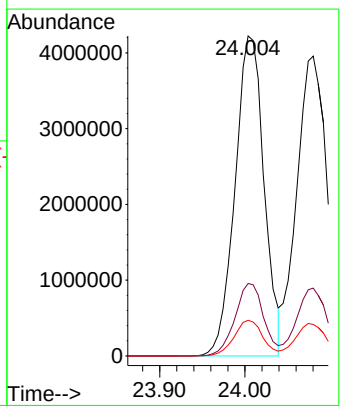


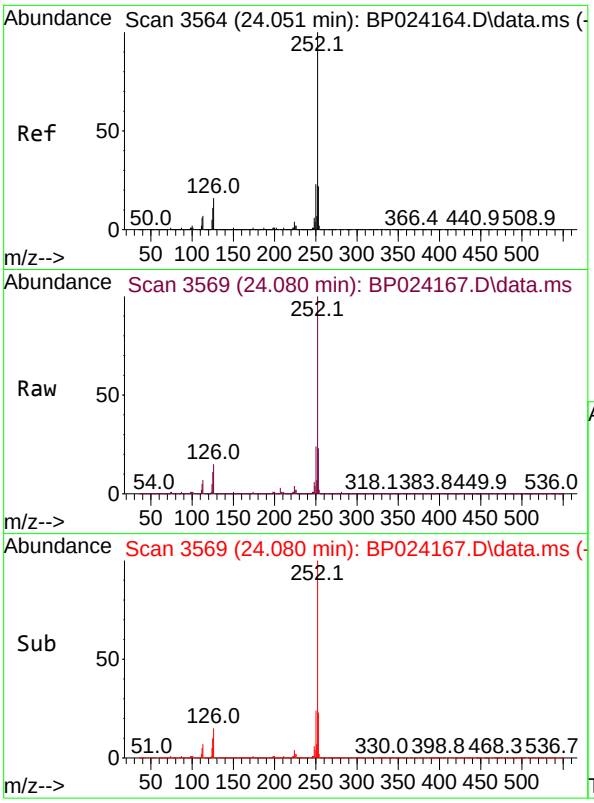


#88
Benzo(b)fluoranthene
Concen: 79.623 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:252 Resp: 9984031

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.1	8.2	12.4



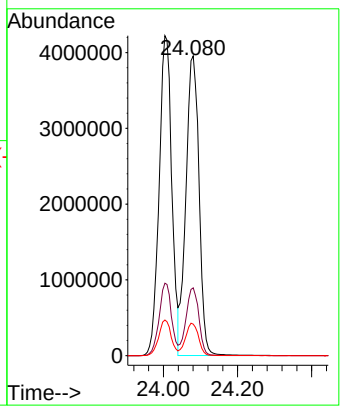


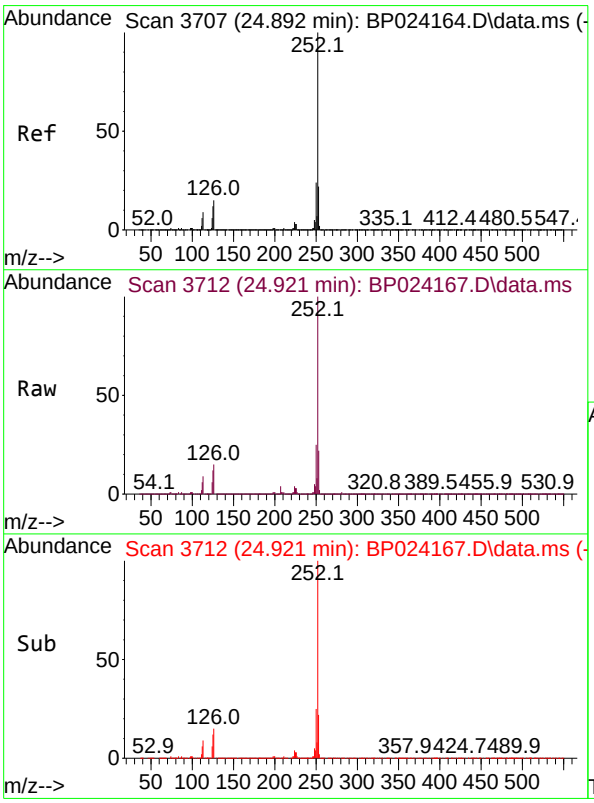
#89
Benzo(k)fluoranthene
Concen: 79.712 ng
RT: 24.080 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 9728938

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.5	9.1	13.7

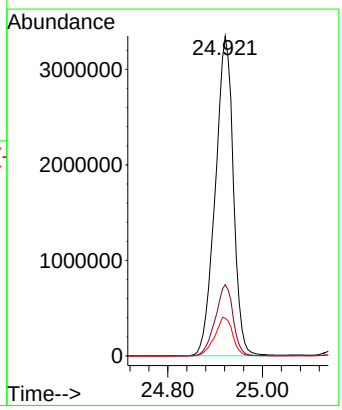


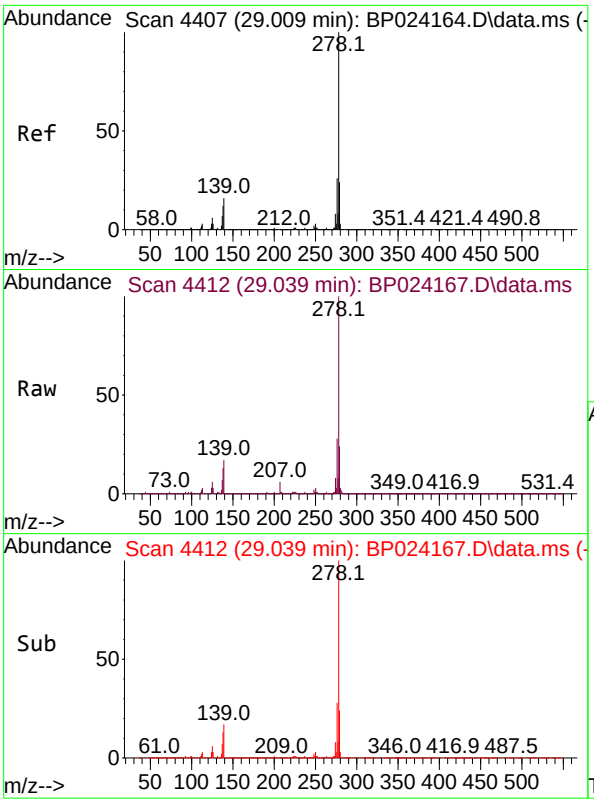


#90
Benzo(a)pyrene
Concen: 83.259 ng
RT: 24.921 min Scan# 3712
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:252 Resp: 8860063

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.8	9.6	14.4



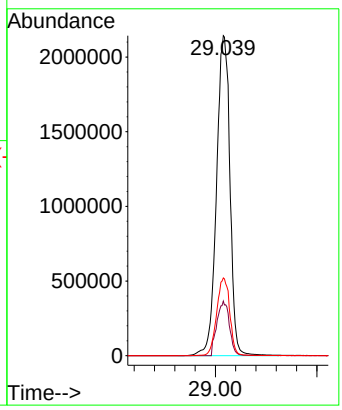


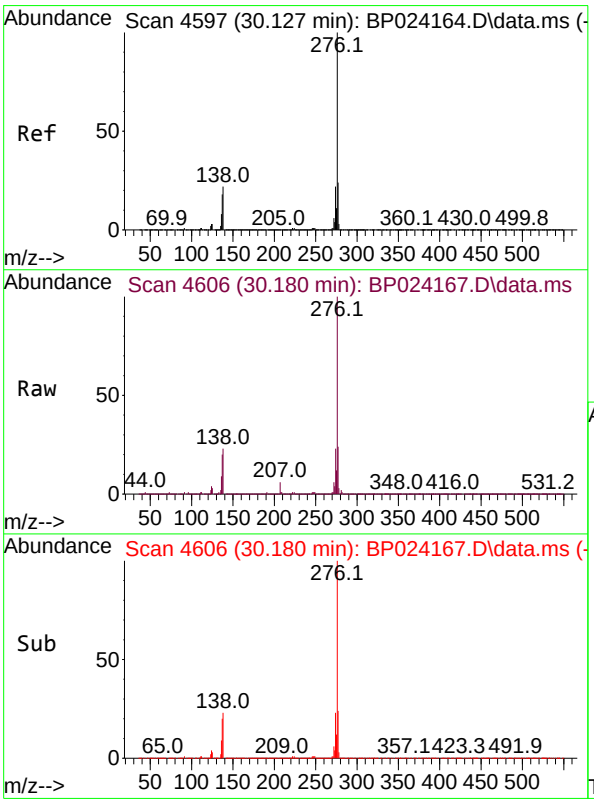
#91
Dibenzo(a,h)anthracene
Concen: 83.210 ng
RT: 29.039 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 9828241

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.0	19.4
279	24.3	18.8	28.2

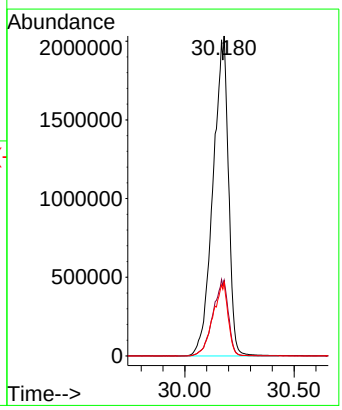




#92
Benzo(g,h,i)perylene
Concen: 82.940 ng
RT: 30.180 min Scan# 4606
Delta R.T. 0.053 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:276 Resp: 9940803

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	23.0	17.4	26.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	399821	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1631941	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	966525	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1810172	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1903114	20.000	ng	0.01
86) Perylene-d12	25.069	264	2127367	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1959434	78.230	ng	0.00
7) Phenol-d6	6.952	99	2636154	78.704	ng	0.00
23) Nitrobenzene-d5	8.922	82	2274955	78.652	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	995466	81.766	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5105223	77.885	ng	0.00
79) Terphenyl-d14	19.933	244	7241807	78.549	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	376087	37.880	ng	99
3) Pyridine	3.717	79	1050879	38.718	ng	99
4) n-Nitrosodimethylamine	3.623	42	350385	38.646	ng	98
6) Aniline	7.111	93	1202738	39.413	ng	100
8) 2-Chlorophenol	7.346	128	1059150	39.149	ng	100
9) Benzaldehyde	6.922	77	652848	40.389	ng	99
10) Phenol	6.981	94	1314283	38.869	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1018670	38.203	ng	99
12) 1,3-Dichlorobenzene	7.664	146	1118950	38.353	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1130770	37.960	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1089564	38.116	ng	100
15) Benzyl Alcohol	8.011	79	848187	39.999	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1043834	38.356	ng	99
17) 2-Methylphenol	8.216	107	840413	39.636	ng	100
18) Hexachloroethane	8.846	117	407804	38.587	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	771380	39.697	ng	99
20) 3+4-Methylphenols	8.540	107	1154401	39.629	ng	100
22) Acetophenone	8.587	105	1593044	38.611	ng	100
24) Nitrobenzene	8.963	77	1114096	39.045	ng	99
25) Isophorone	9.487	82	1967247	39.677	ng	99
26) 2-Nitrophenol	9.669	139	570971	41.892	ng	98
27) 2,4-Dimethylphenol	9.734	122	697163	39.779	ng	98
28) bis(2-Chloroethoxy)met...	9.963	93	1346656	38.608	ng	100
29) 2,4-Dichlorophenol	10.205	162	961583	40.558	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1002302	38.264	ng	99
31) Naphthalene	10.605	128	3306535	38.223	ng	100
32) Benzoic acid	9.881	122	745543	43.618	ng	98
33) 4-Chloroaniline	10.710	127	1222820	39.499	ng	100
34) Hexachlorobutadiene	10.887	225	585728	38.854	ng	98
35) Caprolactam	11.499	113	317484	40.859	ng	97
36) 4-Chloro-3-methylphenol	11.840	107	1015423	39.702	ng	99
37) 2-Methylnaphthalene	12.210	142	2265320	38.762	ng	99
38) 1-Methylnaphthalene	12.434	142	2209719	38.874	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	1089303	38.988	ng	100
41) Hexachlorocyclopentadiene	12.569	237	413181	41.026	ng	100
43) 2,4,6-Trichlorophenol	12.828	196	727105	40.950	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	798076	40.985	ng	98
46) 1,1'-Biphenyl	13.228	154	2821370	38.846	ng	99
47) 2-Chloronaphthalene	13.269	162	2130879	39.006	ng	100
48) 2-Nitroaniline	13.475	65	574806	41.137	ng	99
49) Acenaphthylene	14.122	152	3245488	39.262	ng	100
50) Dimethylphthalate	13.863	163	2606961	38.548	ng	99
51) 2,6-Dinitrotoluene	13.975	165	563651	39.611	ng	98
52) Acenaphthene	14.475	154	2053476	38.881	ng	98
53) 3-Nitroaniline	14.310	138	625803	40.719	ng	99
54) 2,4-Dinitrophenol	14.516	184	322185	42.791	ng	98
55) Dibenzofuran	14.810	168	3273448	38.264	ng	100
56) 4-Nitrophenol	14.634	139	543119	42.293	ng	98
57) 2,4-Dinitrotoluene	14.769	165	772629	41.106	ng	99
58) Fluorene	15.469	166	2603595	39.061	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	685479	39.844	ng	100
60) Diethylphthalate	15.240	149	2595505	38.539	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1261005	38.572	ng	99
62) 4-Nitroaniline	15.493	138	664956	41.253	ng	99
63) Azobenzene	15.769	77	2497600	39.347	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	434596	40.442	ng	95
66) n-Nitrosodiphenylamine	15.681	169	2156617	39.234	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	772937	38.892	ng	98
68) Hexachlorobenzene	16.498	284	919105	39.073	ng	97
69) Atrazine	16.657	200	481443	36.287	ng	99
70) Pentachlorophenol	16.851	266	626146	41.161	ng	100
71) Phenanthrene	17.251	178	3795212	38.379	ng	99
72) Anthracene	17.351	178	3790779	39.358	ng	99
73) Carbazole	17.628	167	3684202	39.665	ng	100
74) Di-n-butylphthalate	18.222	149	4505984	40.866	ng	100
75) Fluoranthene	19.345	202	4467370	39.006	ng	99
77) Benzidine	19.534	184	827654	39.777	ng	99
78) Pyrene	19.716	202	4681182	39.565	ng	100
80) Butylbenzylphthalate	20.669	149	1991838	40.824	ng	98
81) Benzo(a)anthracene	21.651	228	4652183	39.318	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	1655655	41.750	ng	99
83) Chrysene	21.716	228	4393252	38.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	3060349	41.569	ng	99
85) Di-n-octyl phthalate	22.886	149	5007462	42.452	ng	100
87) Indeno(1,2,3-cd)pyrene	28.957	276	5699470	38.387	ng	100
88) Benzo(b)fluoranthene	23.992	252	4988392	38.891	ng	98
89) Benzo(k)fluoranthene	24.069	252	4803010	38.280	ng	99
90) Benzo(a)pyrene	24.916	252	4306060	38.607	ng	100
91) Dibenzo(a,h)anthracene	29.027	278	4752357	38.474	ng	99
92) Benzo(g,h,i)perylene	30.127	276	2301898	18.332	ng	99

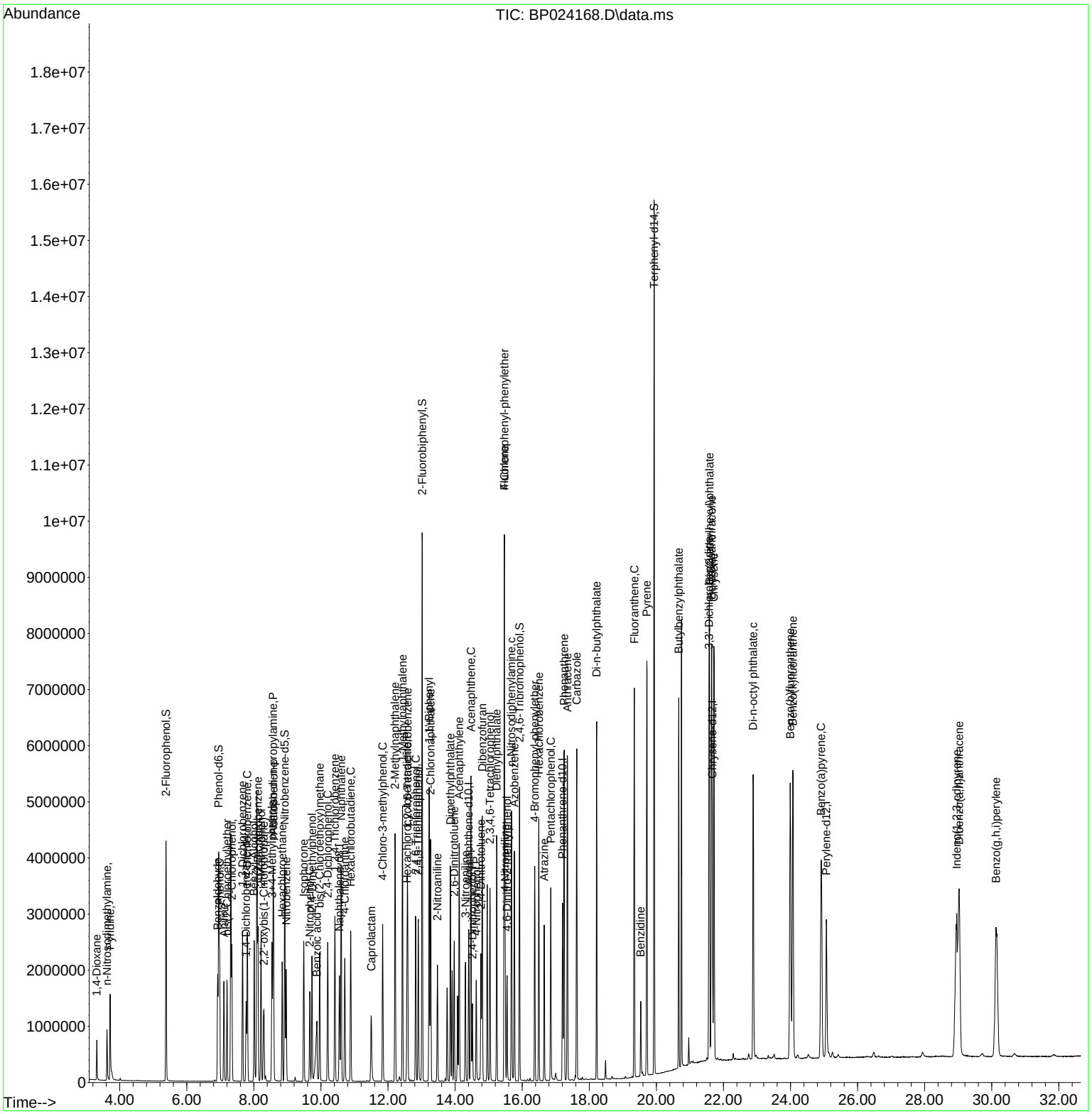
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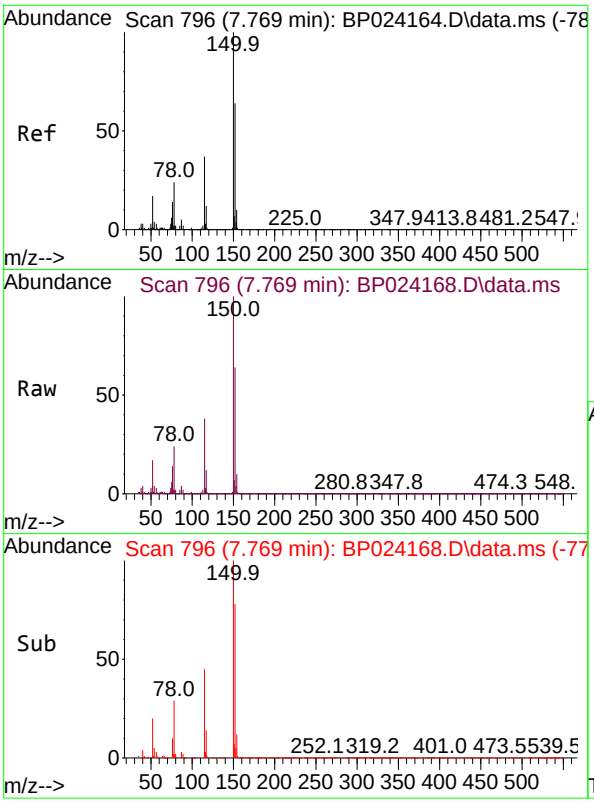
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration



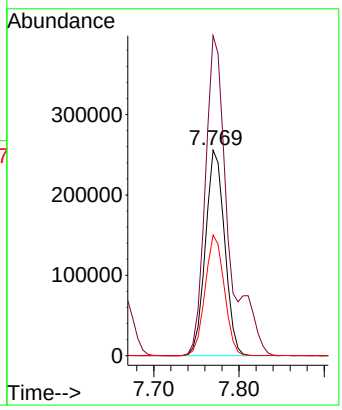


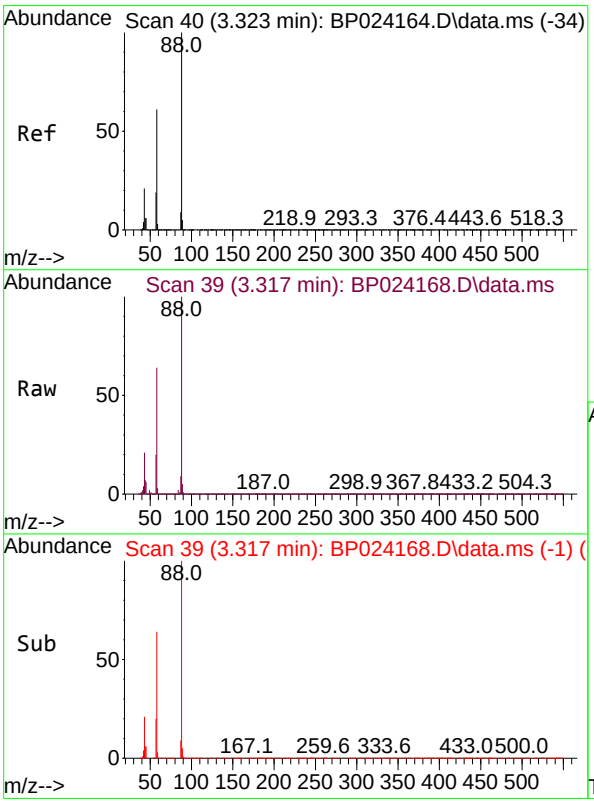
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:152 Resp: 399821

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.5	188.3
115	58.8	46.3	69.5

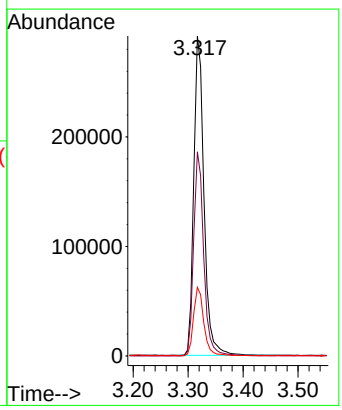


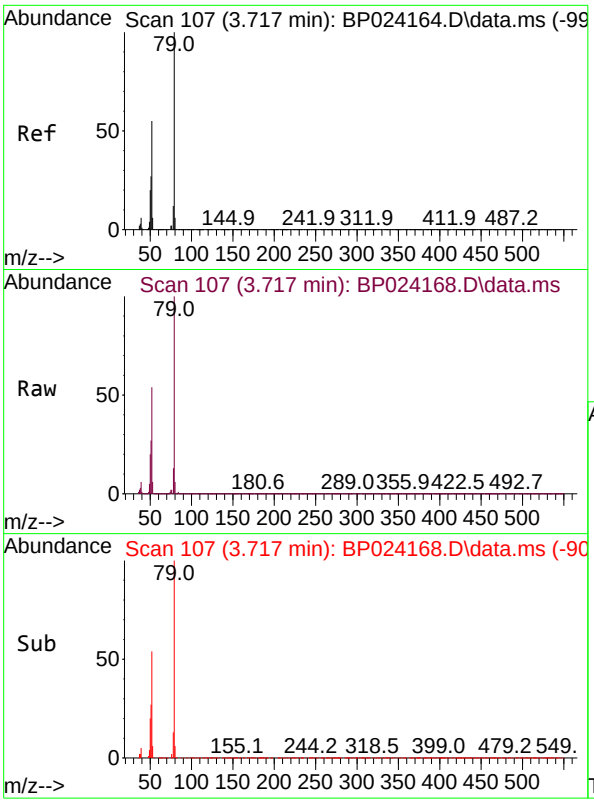


#2
1,4-Dioxane
Concen: 37.880 ng
RT: 3.317 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 88 Resp: 376087

Ion	Ratio	Lower	Upper
88	100		
58	63.2	49.8	74.6
43	21.7	17.3	25.9



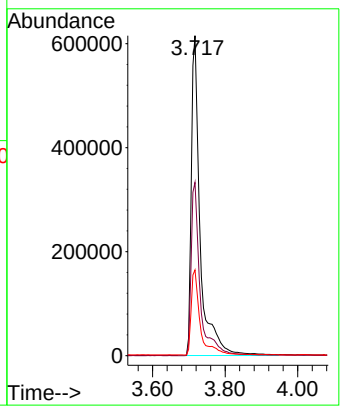


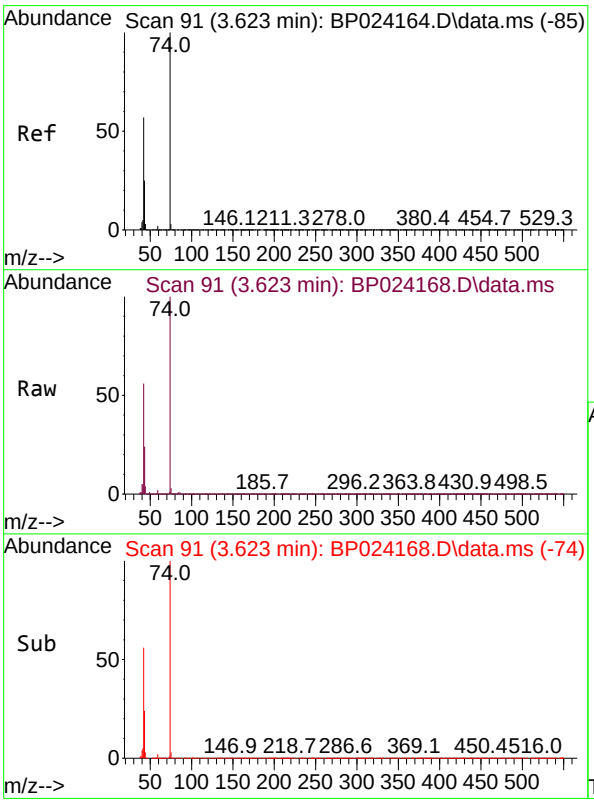
#3
Pyridine
Concen: 38.718 ng
RT: 3.717 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 79 Resp: 1050879

Ion	Ratio	Lower	Upper
79	100		
52	54.2	43.8	65.8
51	26.8	21.6	32.4

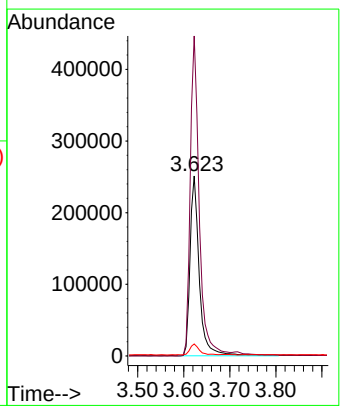


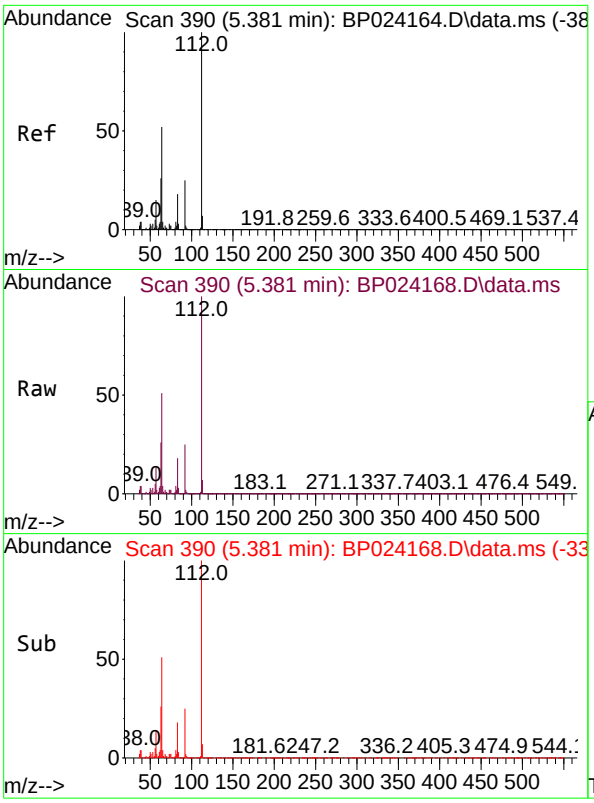


#4
n-Nitrosodimethylamine
Concen: 38.646 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 42 Resp: 350385

Ion	Ratio	Lower	Upper
42	100		
74	177.7	139.8	209.6
44	6.7	5.3	7.9



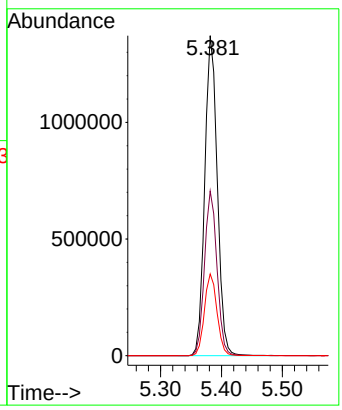


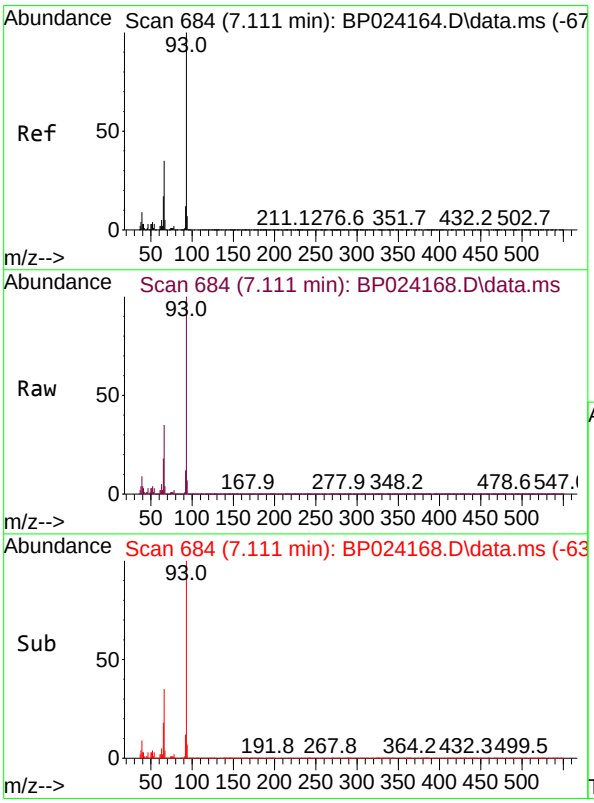
#5
2-Fluorophenol
Concen: 78.230 ng
RT: 5.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:112 Resp: 1959434

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.3	61.9
63	25.6	20.6	31.0

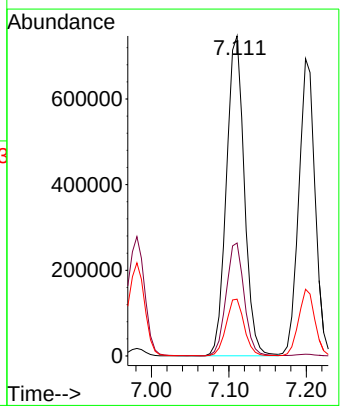


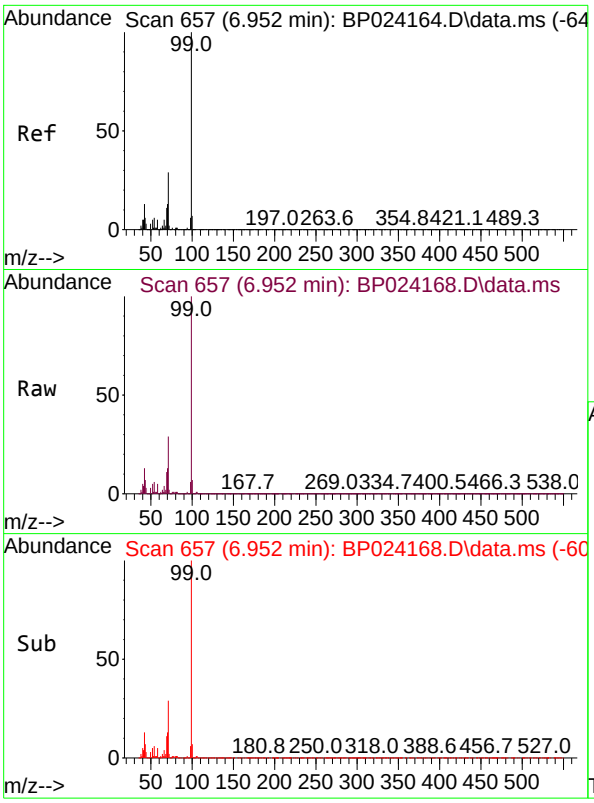


#6
Aniline
Concen: 39.413 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 93 Resp: 1202738

Ion	Ratio	Lower	Upper
93	100		
66	35.3	28.2	42.2
65	17.8	14.0	21.0



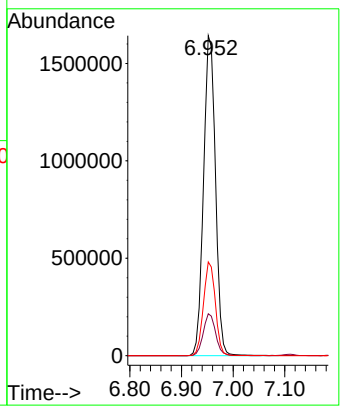


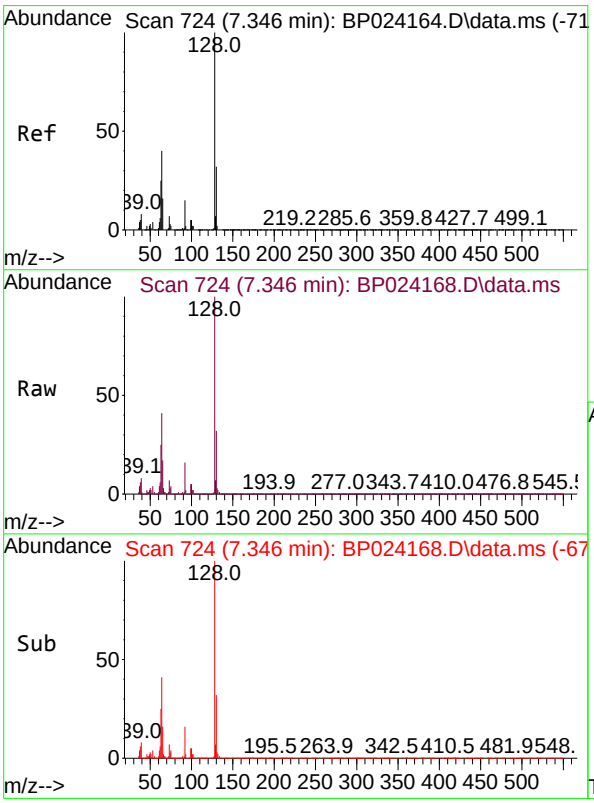
#7
Phenol-d6
Concen: 78.704 ng
RT: 6.952 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 99 Resp: 2636154

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.3	23.3	34.9

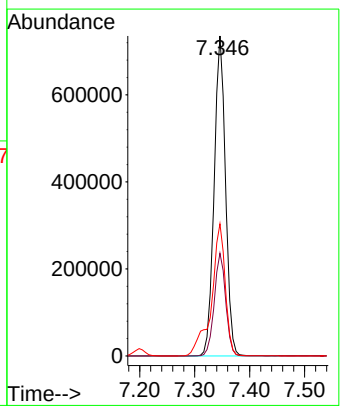


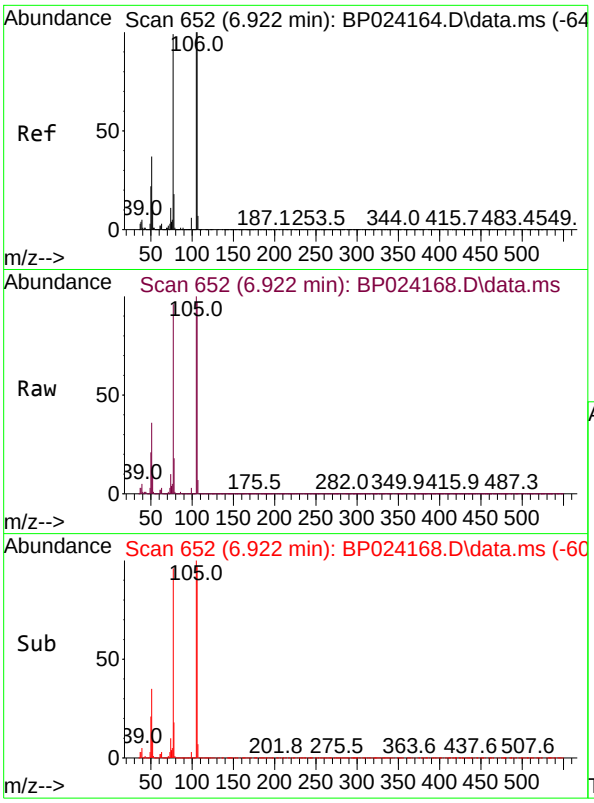


#8
2-Chlorophenol
Concen: 39.149 ng
RT: 7.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:128 Resp: 1059150

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	41.3	21.6	61.6



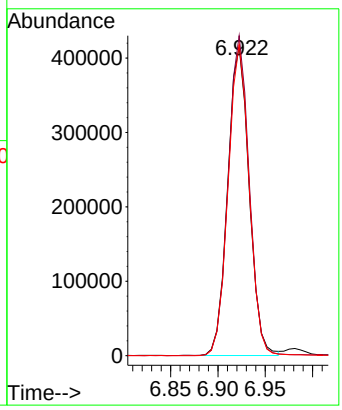


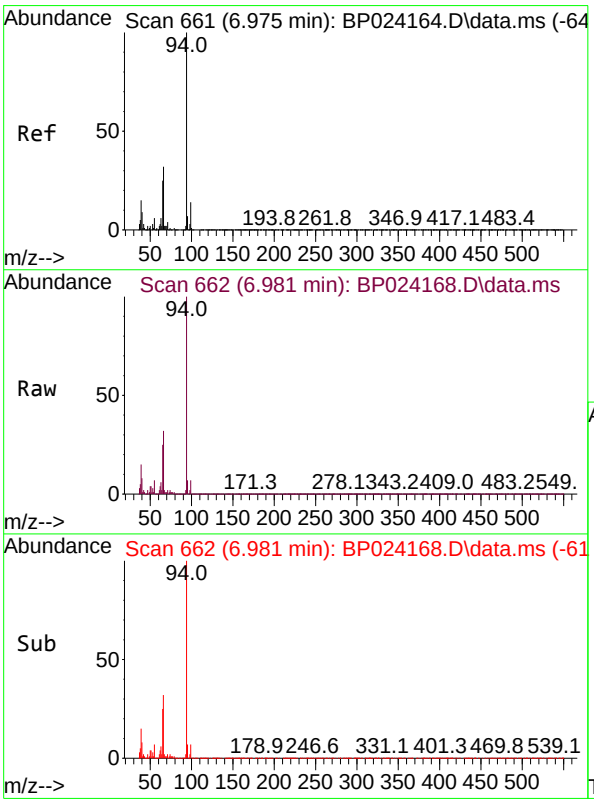
#9
Benzaldehyde
Concen: 40.389 ng
RT: 6.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 77 Resp: 652848

Ion	Ratio	Lower	Upper
77	100		
105	103.7	81.4	121.4
106	100.8	81.1	121.1

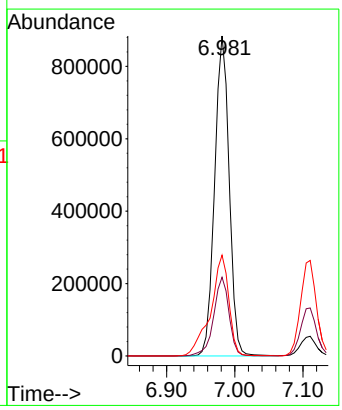


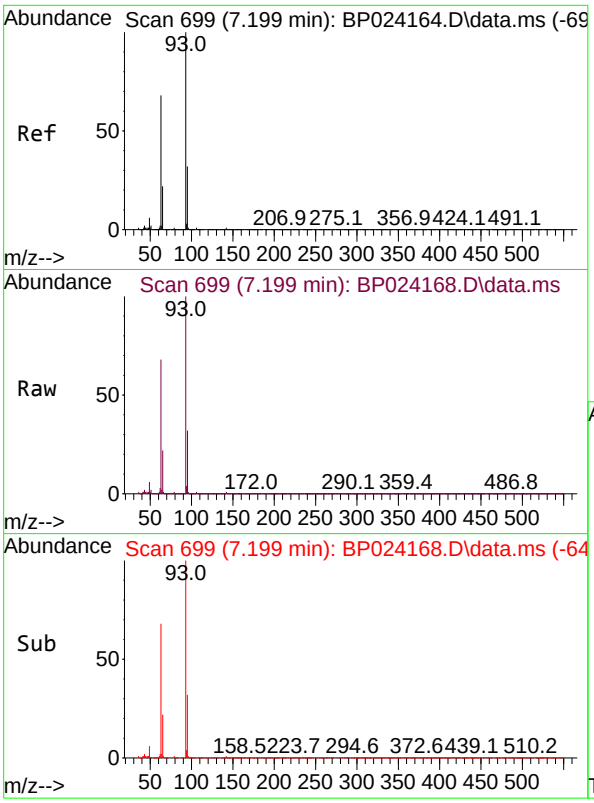


#10
Phenol
Concen: 38.869 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 94 Resp: 1314283

Ion	Ratio	Lower	Upper
94	100		
65	24.6	4.9	44.9
66	31.5	11.9	51.9



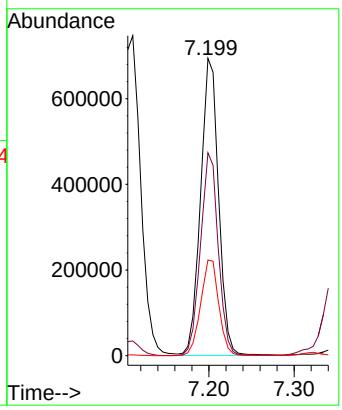


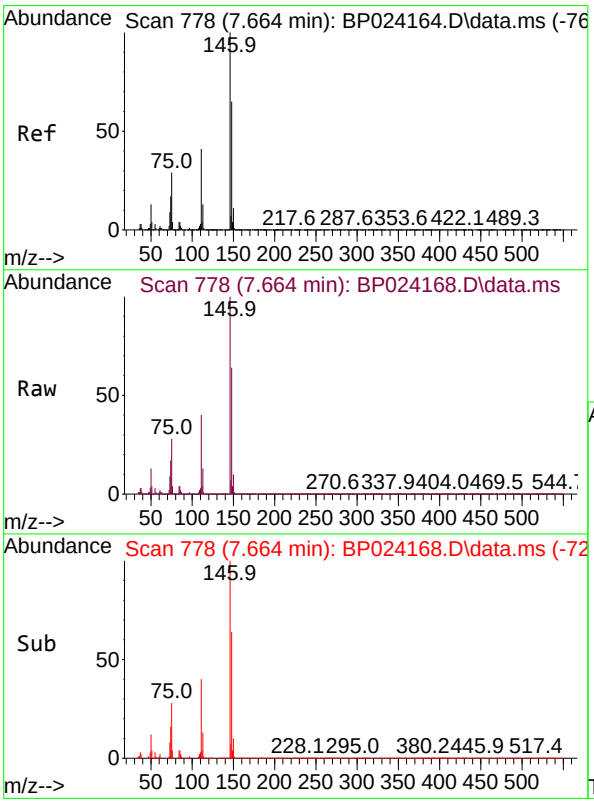
#11
bis(2-Chloroethyl)ether
Concen: 38.203 ng
RT: 7.199 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 93 Resp: 1018670

Ion	Ratio	Lower	Upper
93	100		
63	68.3	47.4	87.4
95	32.2	12.1	52.1

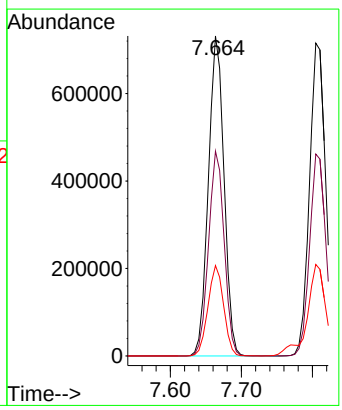


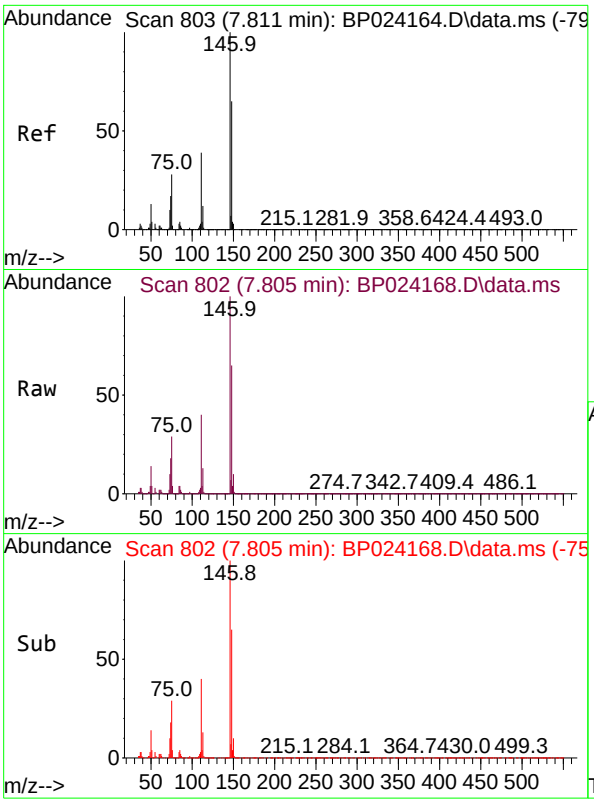


#12
1,3-Dichlorobenzene
Concen: 38.353 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:146 Resp: 1118950

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
75	28.2	22.8	34.2



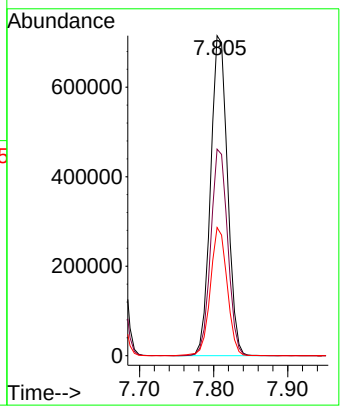


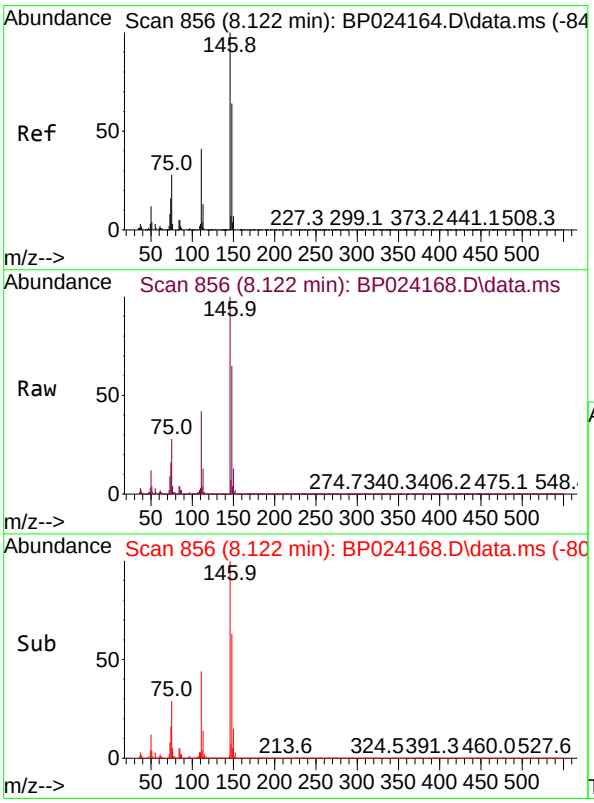
#13
1,4-Dichlorobenzene
Concen: 37.960 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:146 Resp: 1130770

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	40.1	31.4	47.2

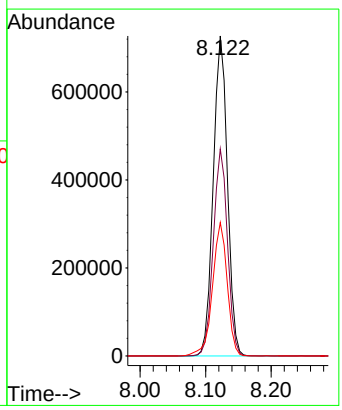


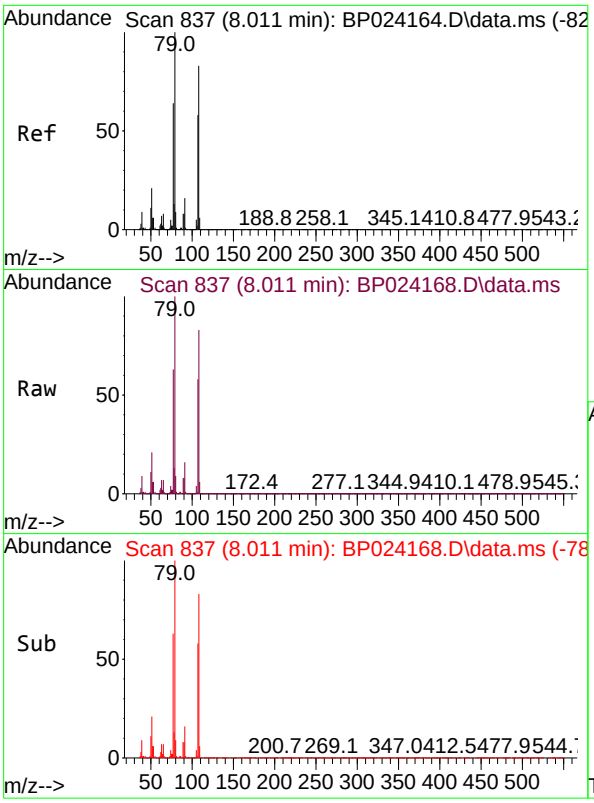


#14
1,2-Dichlorobenzene
Concen: 38.116 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:146 Resp: 1089564

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	41.7	33.2	49.8



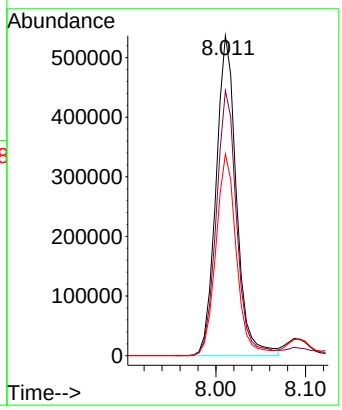


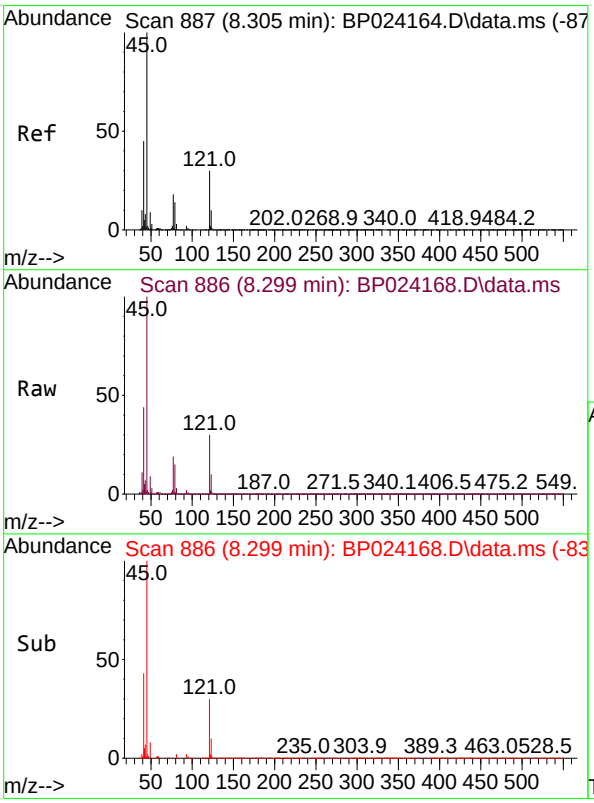
#15
Benzyl Alcohol
Concen: 39.999 ng
RT: 8.011 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 79 Resp: 848187

Ion	Ratio	Lower	Upper
79	100		
108	82.9	66.5	99.7
77	63.0	50.9	76.3

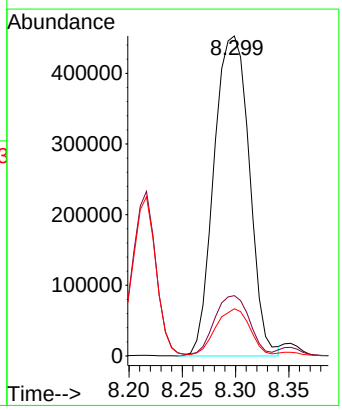


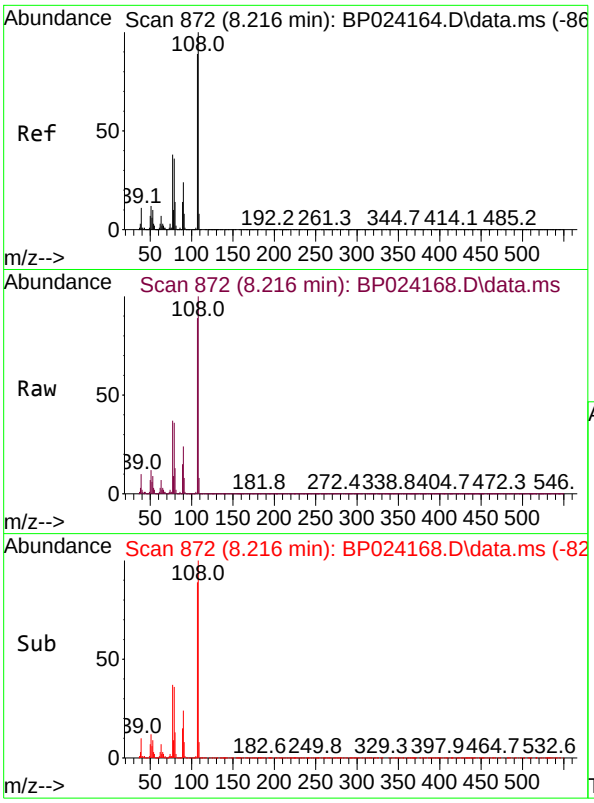


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.356 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 45 Resp: 1043834

Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	39.0
79	14.7	0.0	35.6



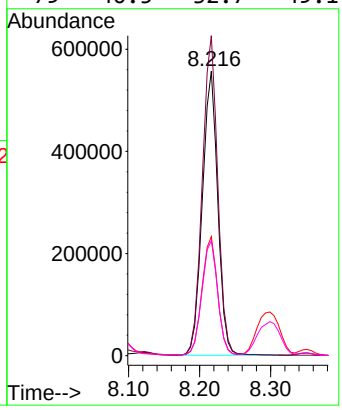


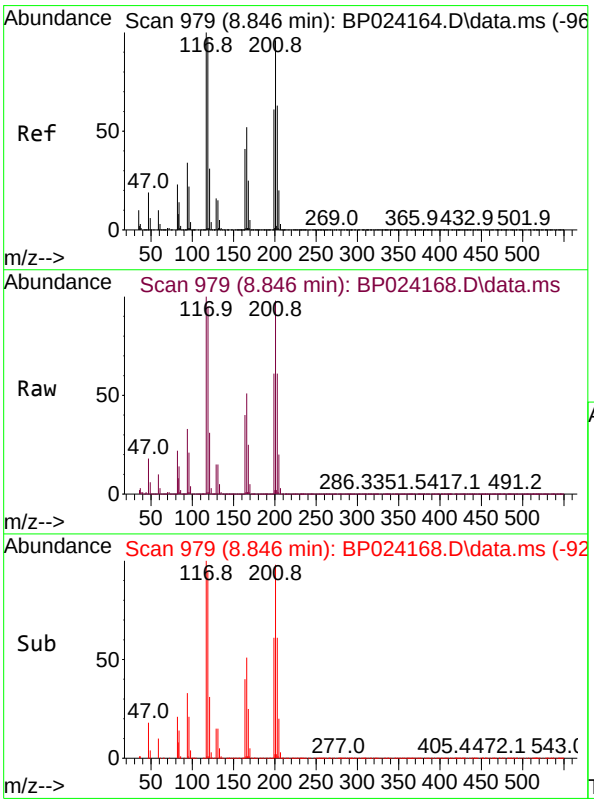
#17
2-Methylphenol
Concen: 39.636 ng
RT: 8.216 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:107 Resp: 840413

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	41.8	34.0	51.0
79	40.5	32.7	49.1

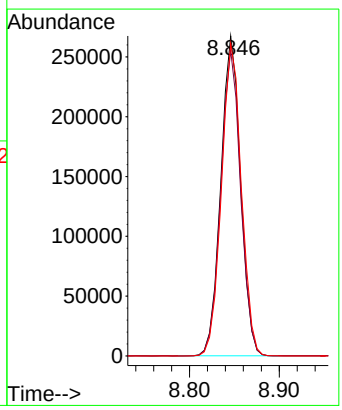


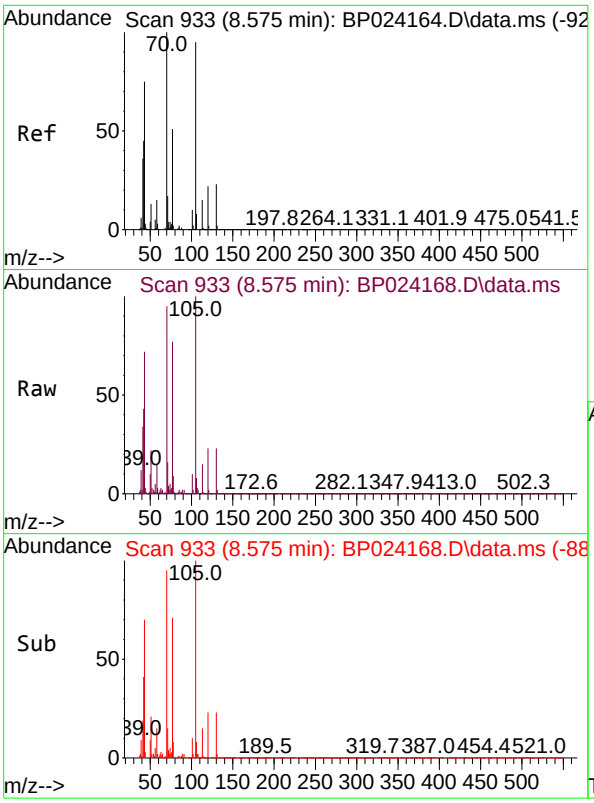


#18
Hexachloroethane
Concen: 38.587 ng
RT: 8.846 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:117 Resp: 407804

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	97.7	76.6	114.8



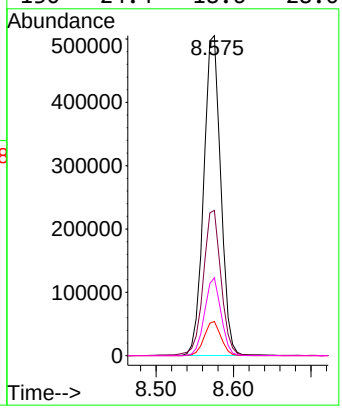


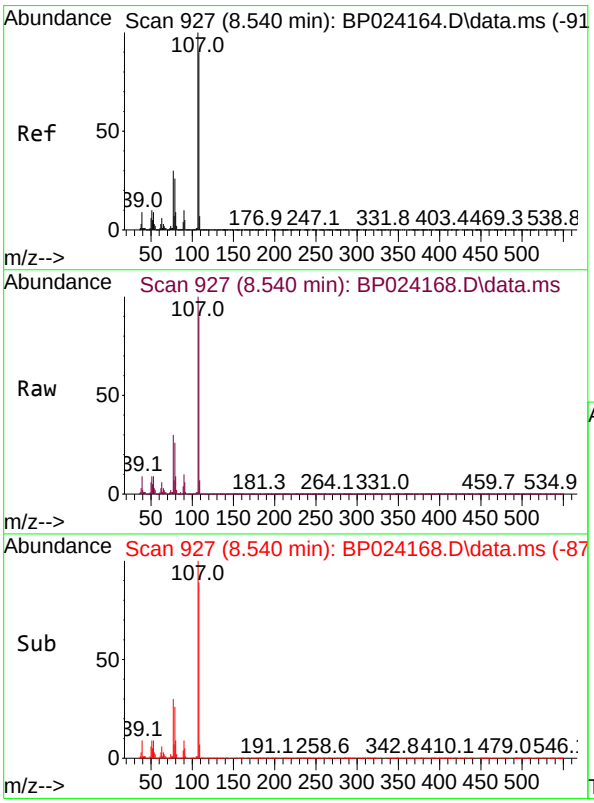
#19
n-Nitroso-di-n-propylamine
Concen: 39.697 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 70 Resp: 771380

Ion	Ratio	Lower	Upper
70	100		
42	45.4	36.0	54.0
101	10.7	8.3	12.5
130	24.4	18.6	28.0

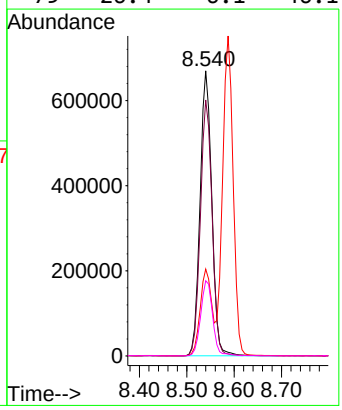


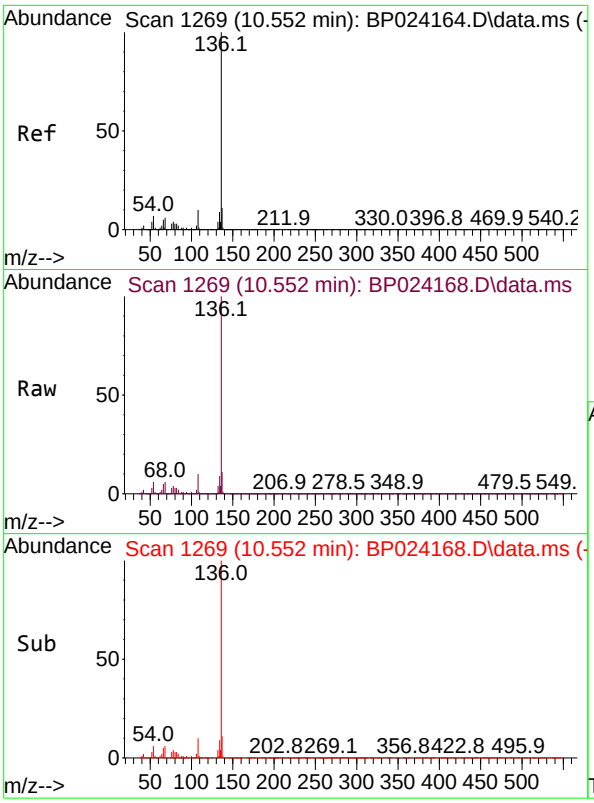


#20
3+4-Methylphenols
Concen: 39.629 ng
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:107 Resp: 1154401

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.7	109.7
77	30.5	10.3	50.3
79	26.4	6.1	46.1



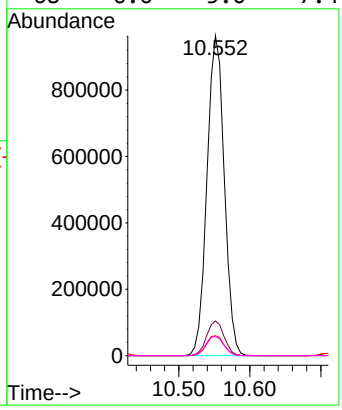


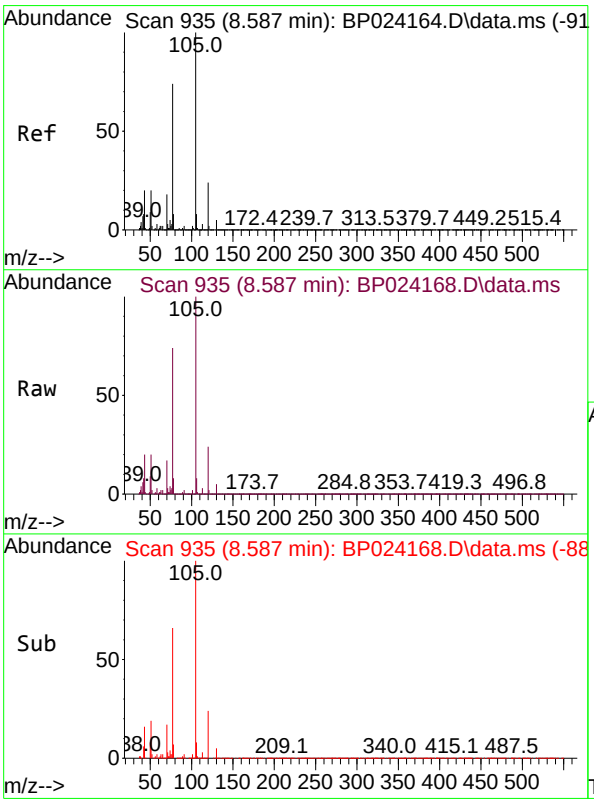
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:136 Resp: 1631941

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.3	5.3	7.9
68	6.0	5.0	7.4

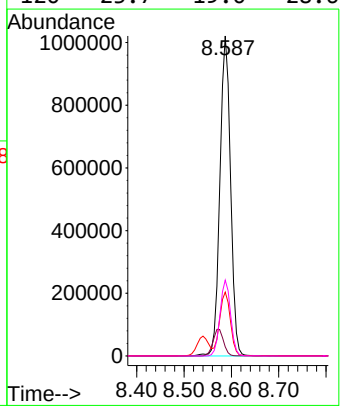


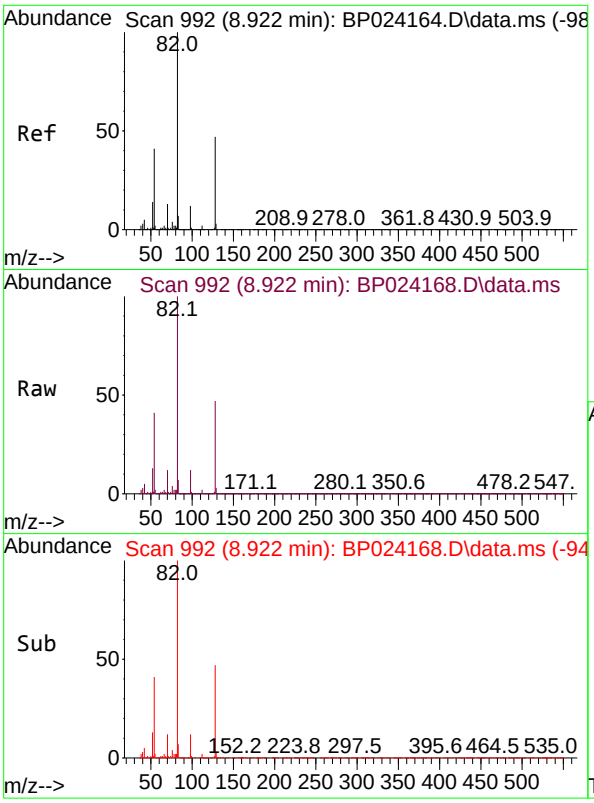


#22
Acetophenone
Concen: 38.611 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:105 Resp: 1593044

Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.4	3.6
51	20.0	16.2	24.2
120	23.7	19.0	28.6



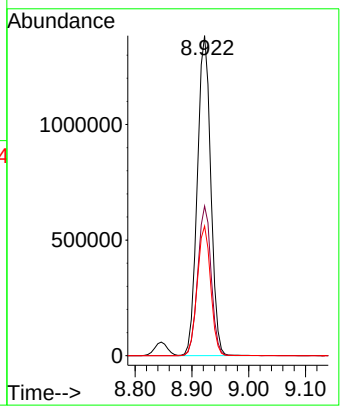


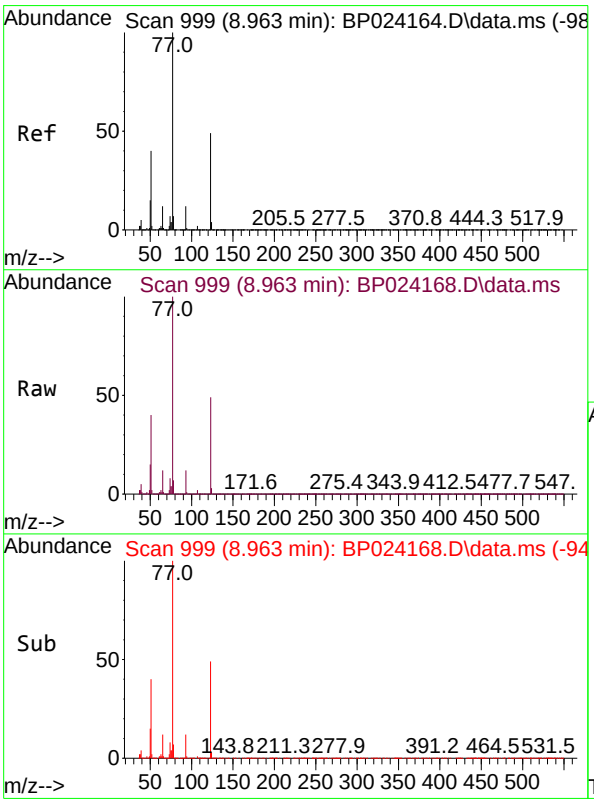
#23
Nitrobenzene-d5
Concen: 78.652 ng
RT: 8.922 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 82 Resp: 2274955

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.0
54	40.5	32.5	48.7

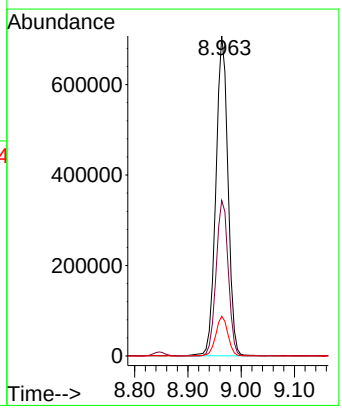


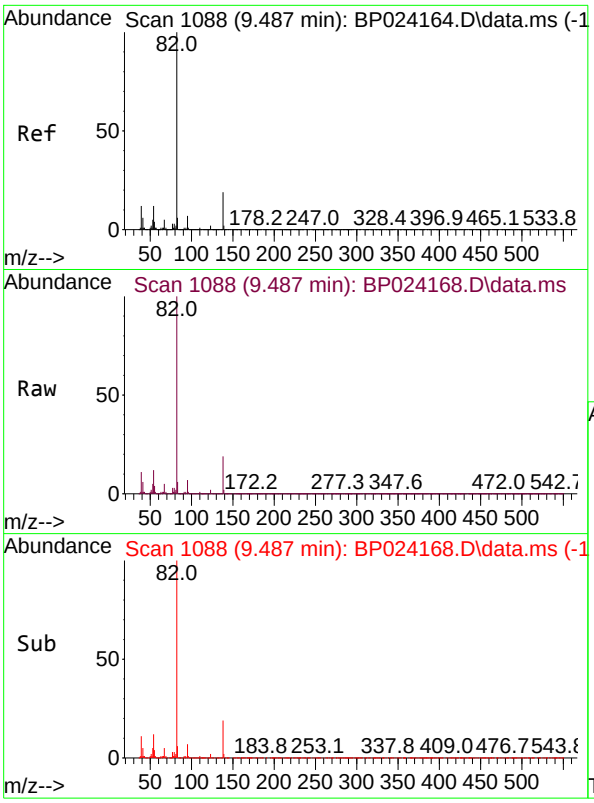


#24
Nitrobenzene
Concen: 39.045 ng
RT: 8.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 77 Resp: 1114096

Ion	Ratio	Lower	Upper
77	100		
123	48.6	39.4	59.2
65	12.4	9.9	14.9



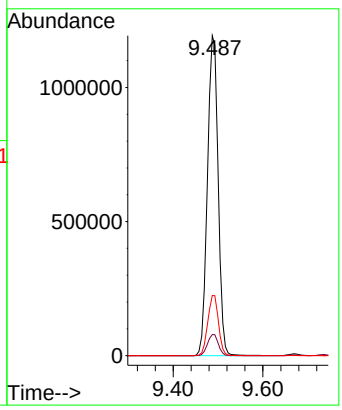


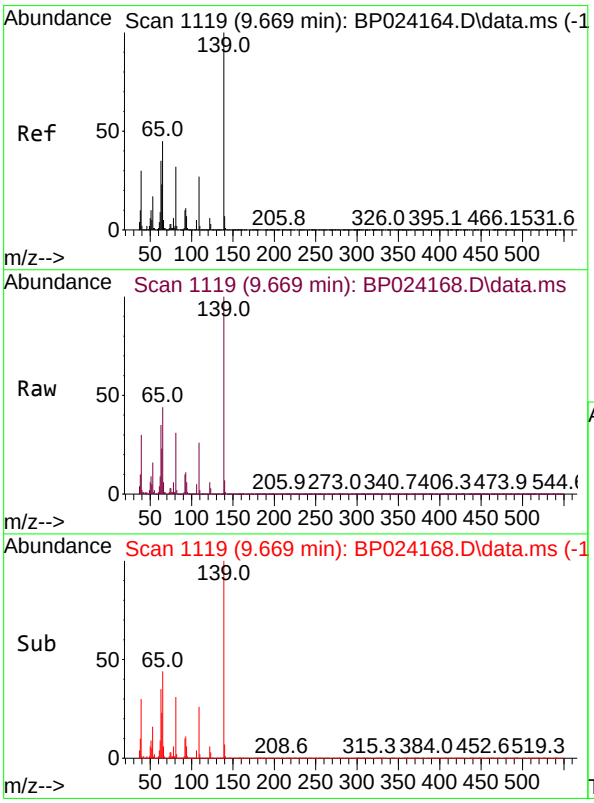
#25
Isophorone
Concen: 39.677 ng
RT: 9.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 82 Resp: 1967247

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.8	14.8	22.2

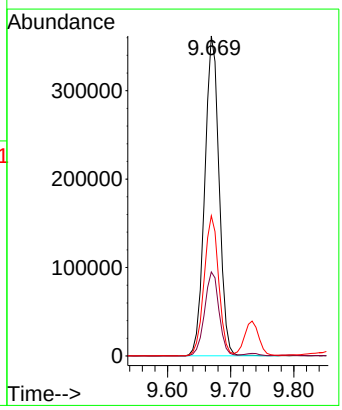


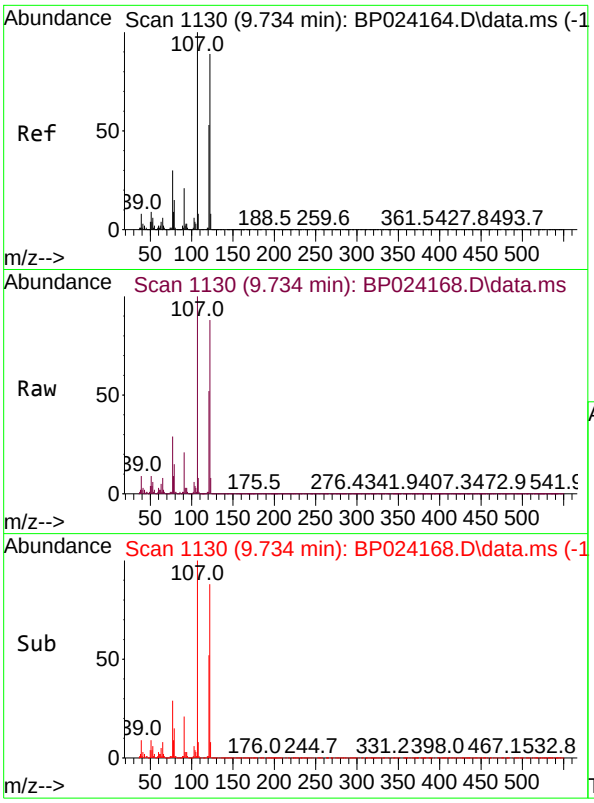


#26
2-Nitrophenol
Concen: 41.892 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:139 Resp: 570971

Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.7	32.5
65	43.8	35.8	53.8



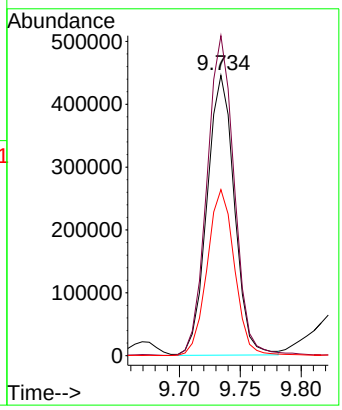


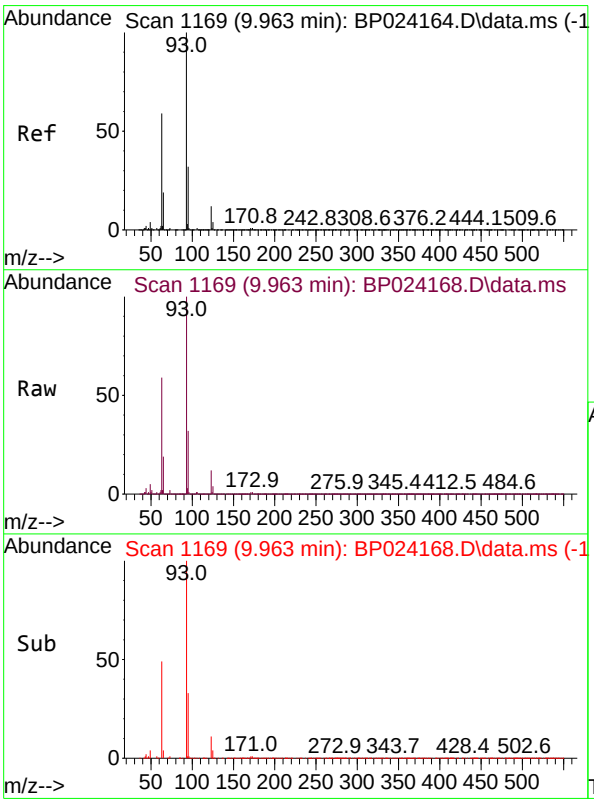
#27
2,4-Dimethylphenol
Concen: 39.779 ng
RT: 9.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:122 Resp: 697163

Ion	Ratio	Lower	Upper
122	100		
107	114.1	89.3	133.9
121	59.2	47.5	71.3

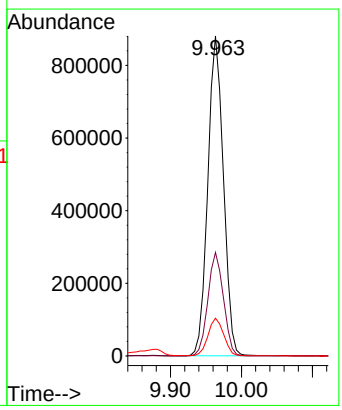


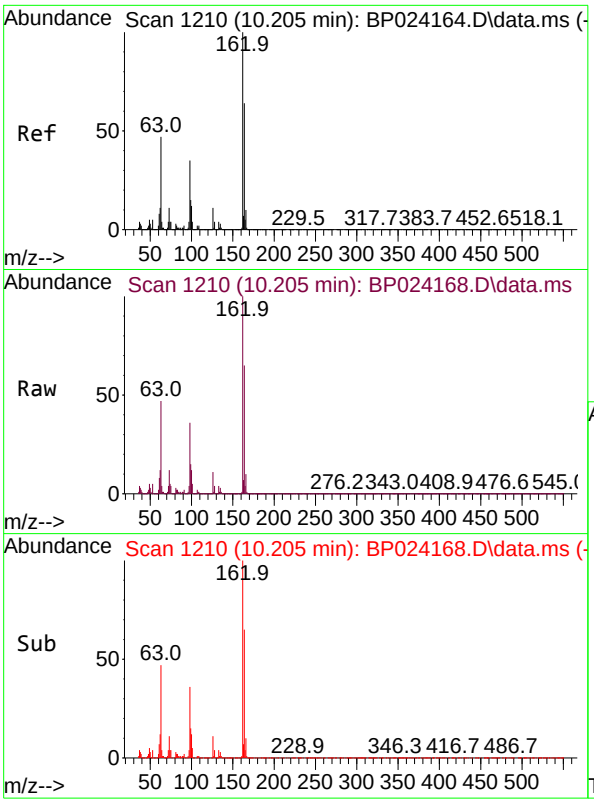


#28
bis(2-Chloroethoxy)methane
Concen: 38.608 ng
RT: 9.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 93 Resp: 1346656

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.8	9.5	14.3



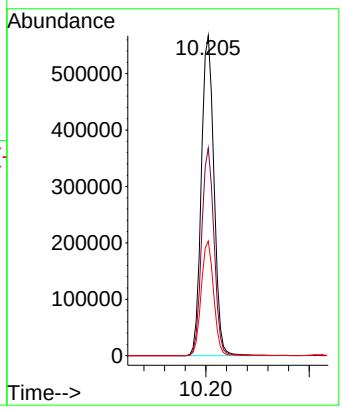


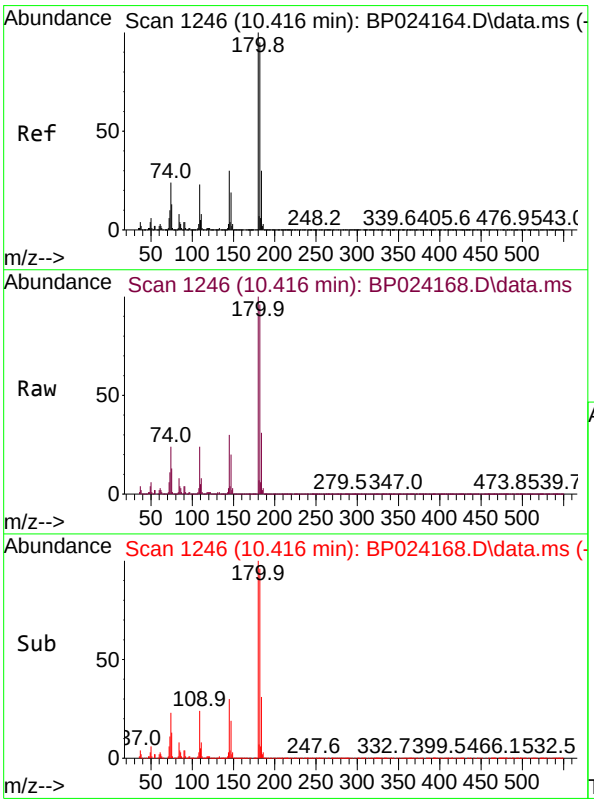
#29
2,4-Dichlorophenol
Concen: 40.558 ng
RT: 10.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:162 Resp: 961583

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	35.8	15.1	55.1

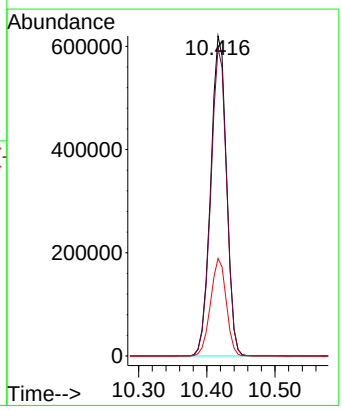


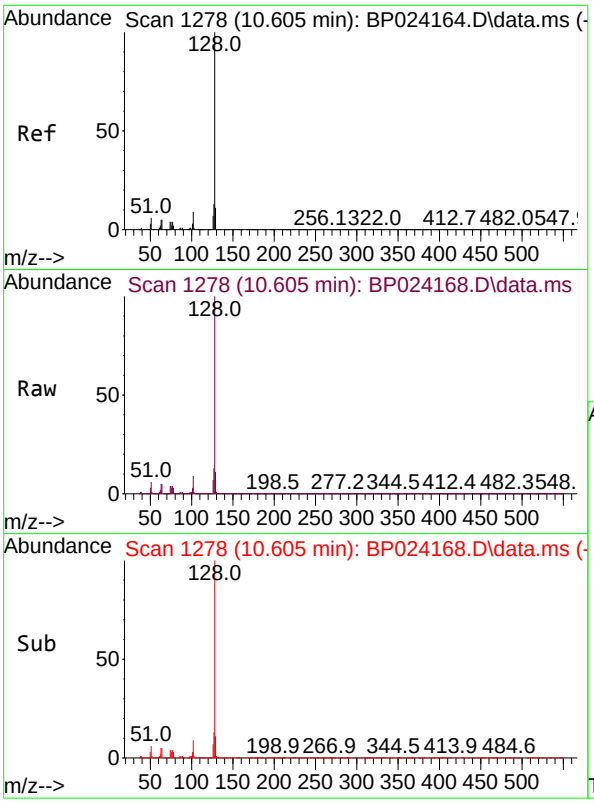


#30
1,2,4-Trichlorobenzene
Concen: 38.264 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:180 Resp: 1002302

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
145	30.5	24.2	36.2



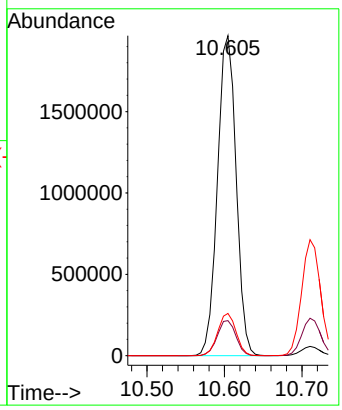


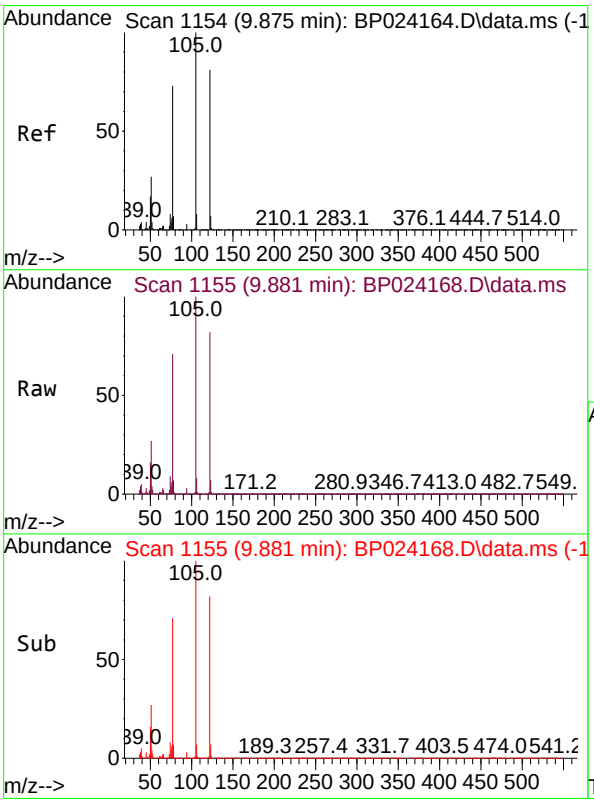
#31
Naphthalene
Concen: 38.223 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:128 Resp: 3306535

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.4	15.6

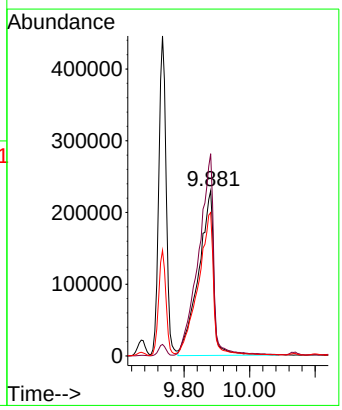


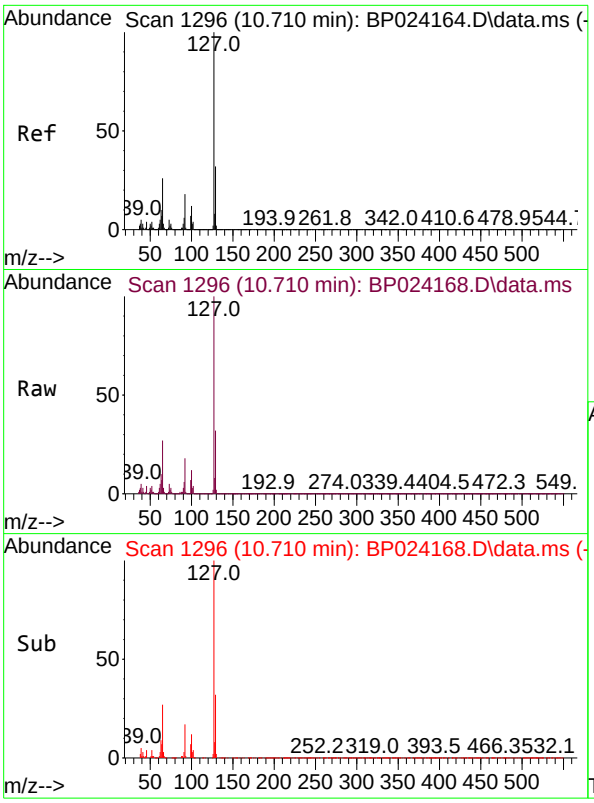


#32
Benzoic acid
Concen: 43.618 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:122 Resp: 745543

Ion	Ratio	Lower	Upper
122	100		
105	122.4	100.3	140.3
77	86.8	69.1	109.1



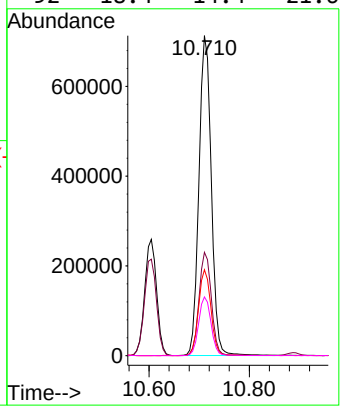


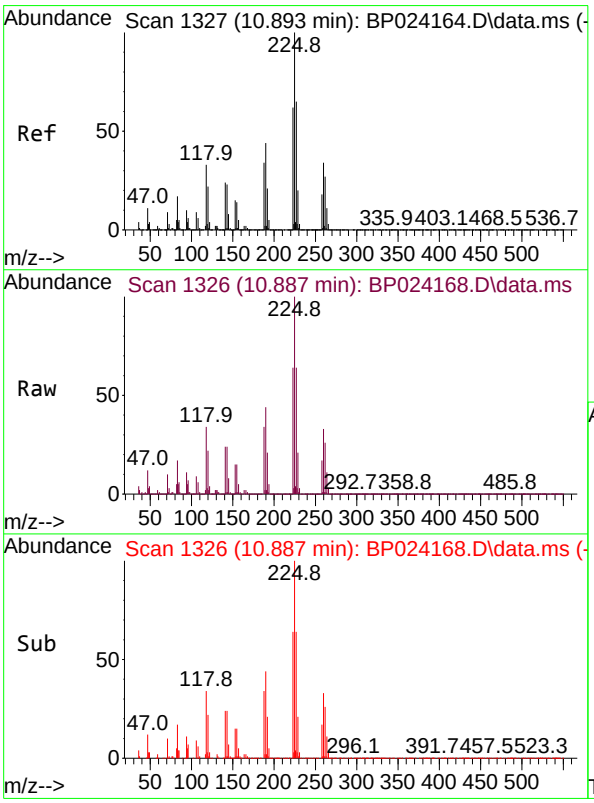
#33
4-Chloroaniline
Concen: 39.499 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:127 Resp: 1222820

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	26.9	21.2	31.8
92	18.4	14.4	21.6

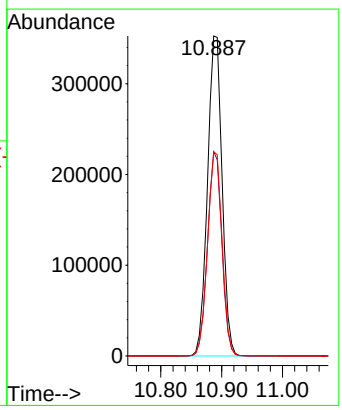


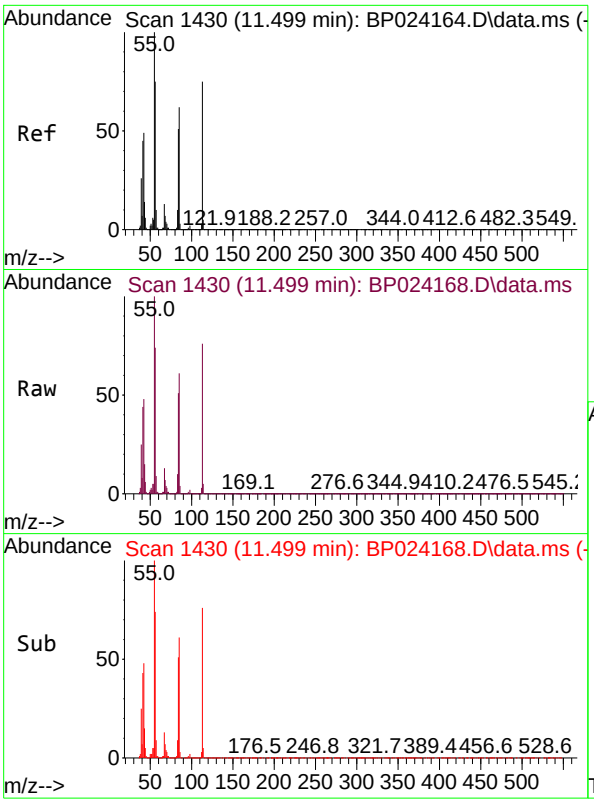


#34
Hexachlorobutadiene
Concen: 38.854 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:225 Resp: 585728

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.9	74.9
227	63.8	52.2	78.2



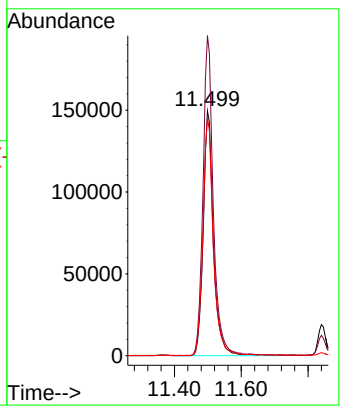


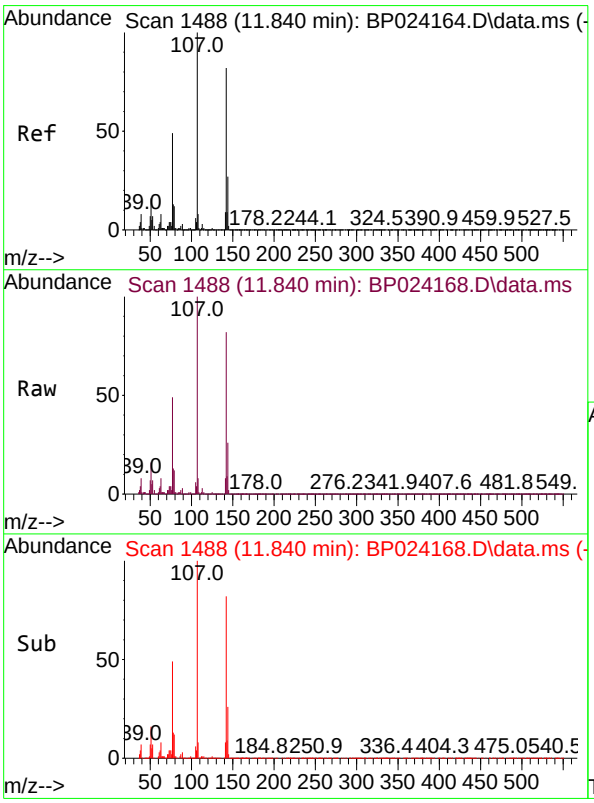
#35
Caprolactam
Concen: 40.859 ng
RT: 11.499 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:113 Resp: 317484

Ion	Ratio	Lower	Upper
113	100		
55	130.8	113.6	153.6
56	97.1	80.0	120.0

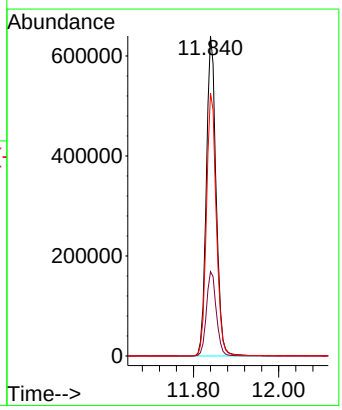


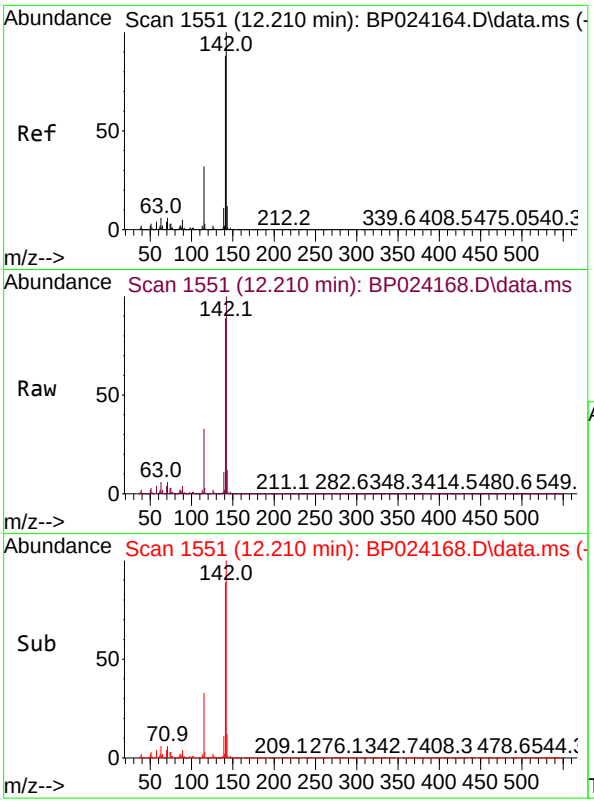


#36
4-Chloro-3-methylphenol
Concen: 39.702 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:107 Resp: 1015423

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.6	32.4
142	82.2	65.4	98.0



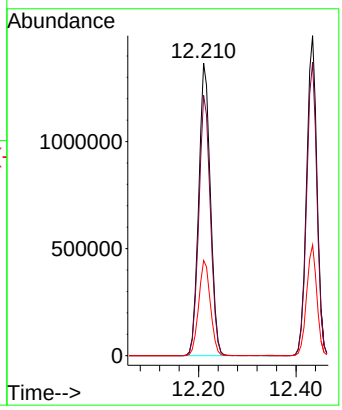


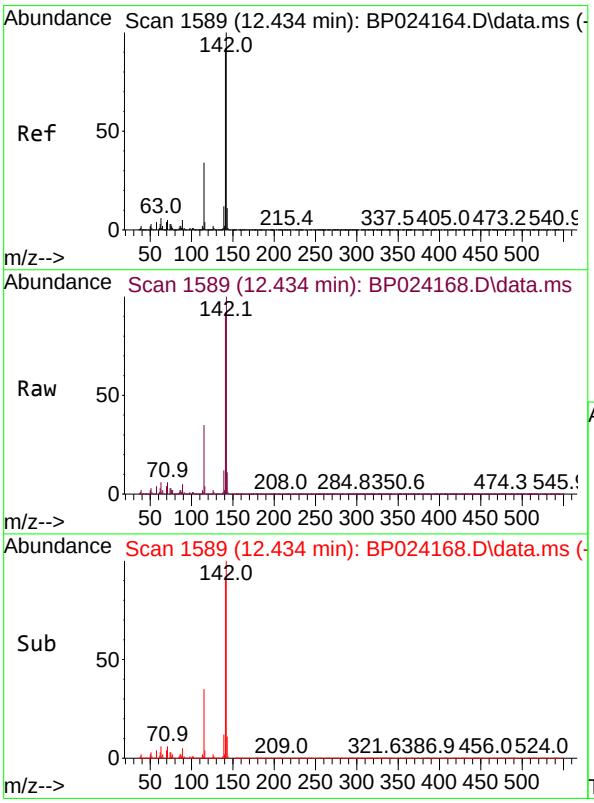
#37
2-Methylnaphthalene
Concen: 38.762 ng
RT: 12.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:142 Resp: 2265320

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	32.5	26.0	39.0

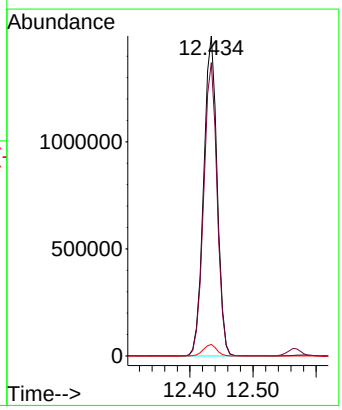


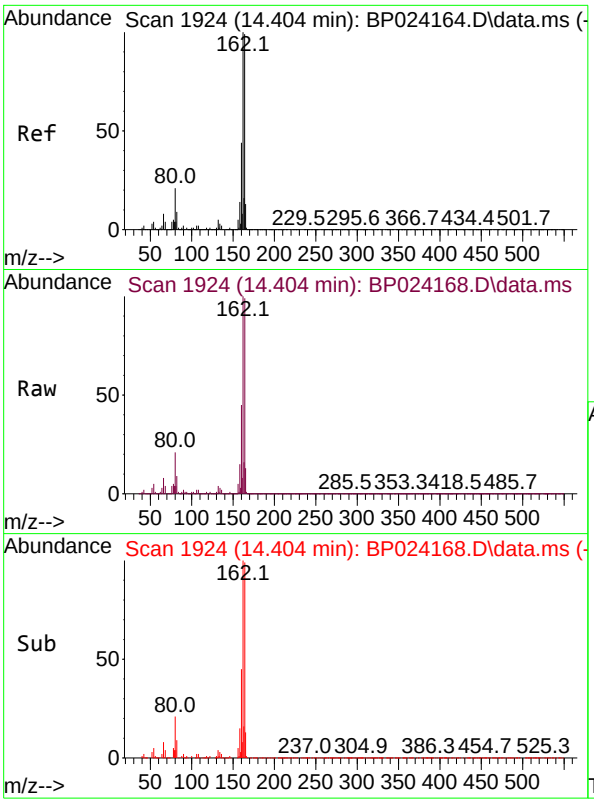


#38
1-Methylnaphthalene
Concen: 38.874 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:142 Resp: 2209719

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.6	2.8	4.2



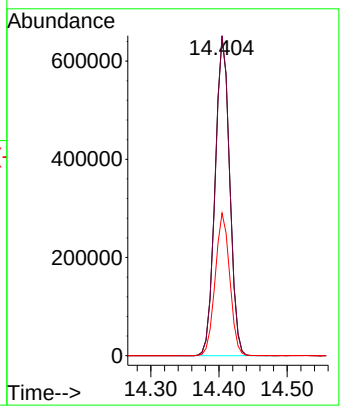


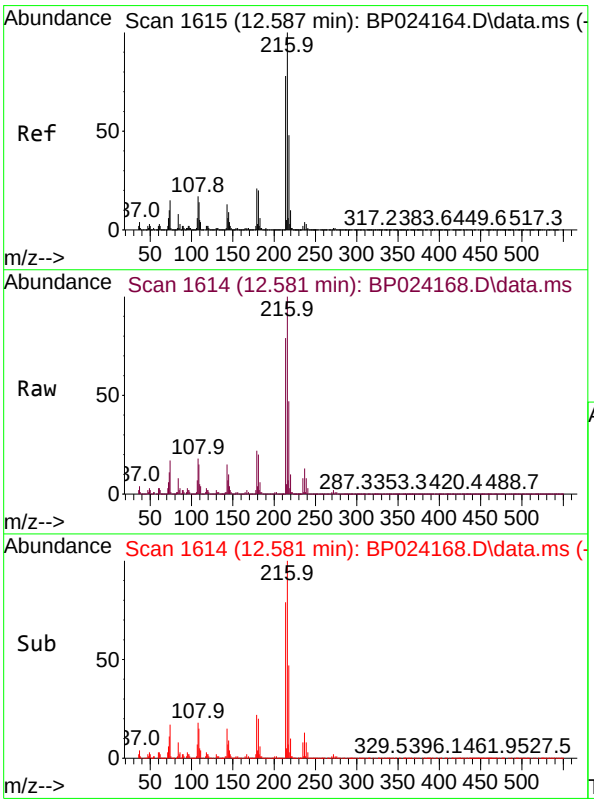
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:164 Resp: 966525

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	44.9	35.4	53.2

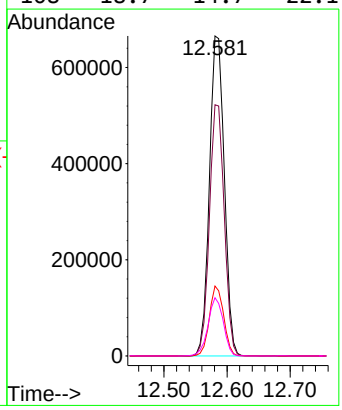


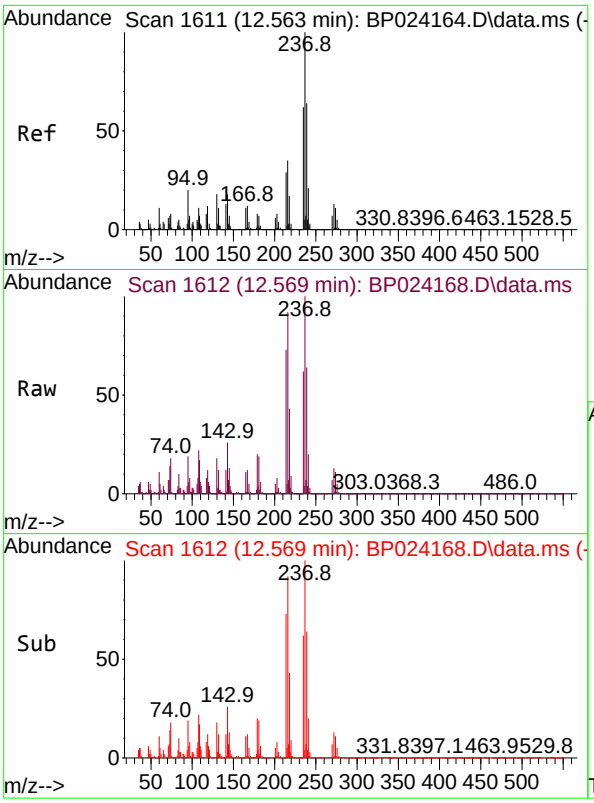


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.988 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:216 Resp: 1089303

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.8	94.2
179	21.0	16.8	25.2
108	18.7	14.7	22.1



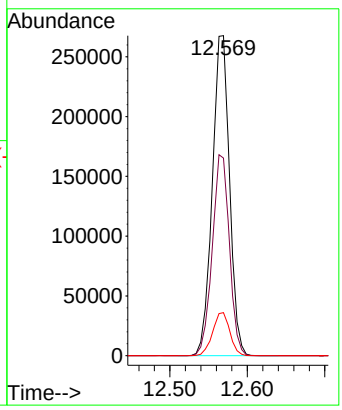


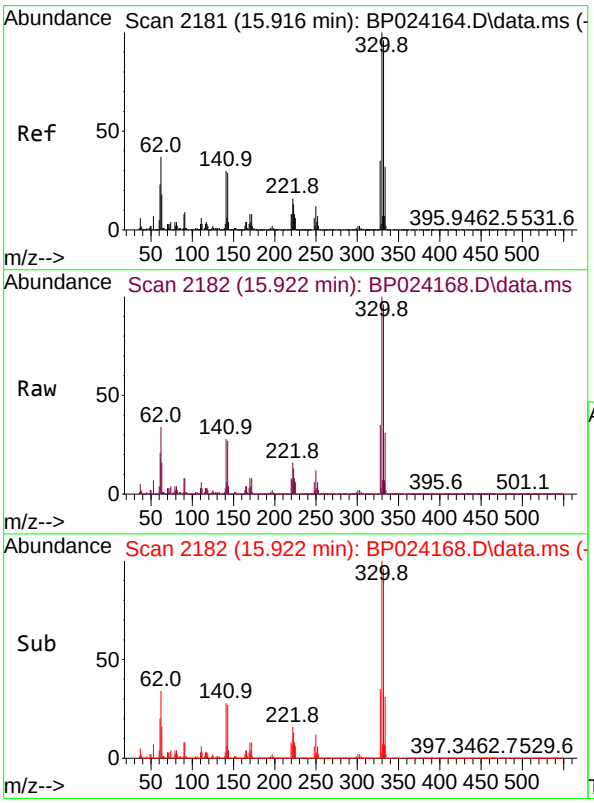
#41
Hexachlorocyclopentadiene
Concen: 41.026 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:237 Resp: 413181

Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.8	81.8
272	13.4	0.0	33.5

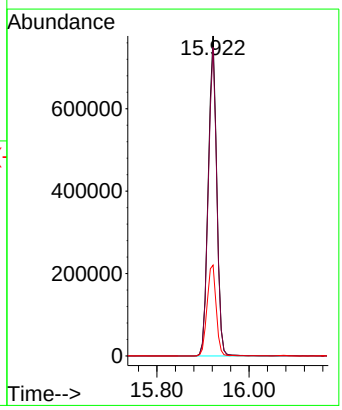


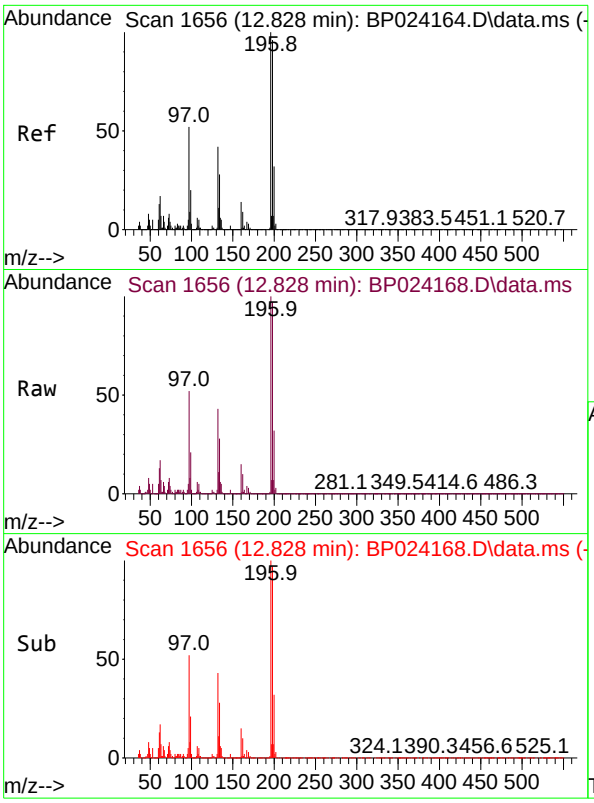


#42
2,4,6-Tribromophenol
Concen: 81.766 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:330 Resp: 995466

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	30.6	25.0	37.6



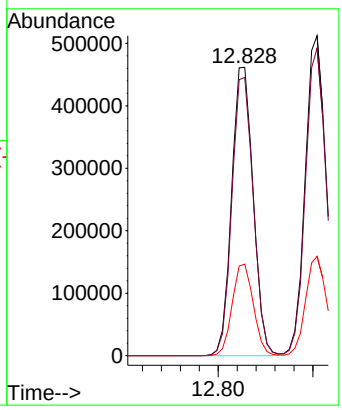


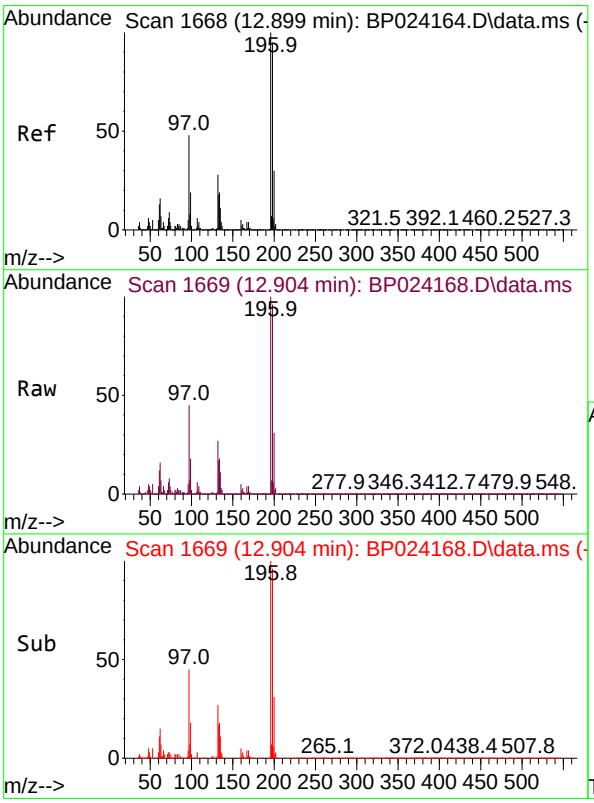
#43
2,4,6-Trichlorophenol
Concen: 40.950 ng
RT: 12.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:196 Resp: 727105

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.6	115.0
200	31.7	25.4	38.0

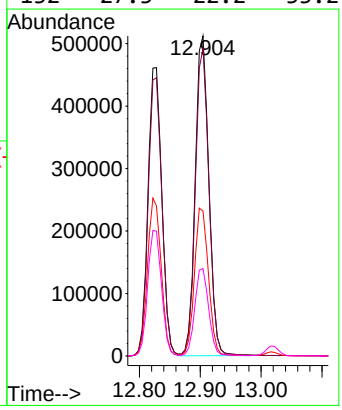


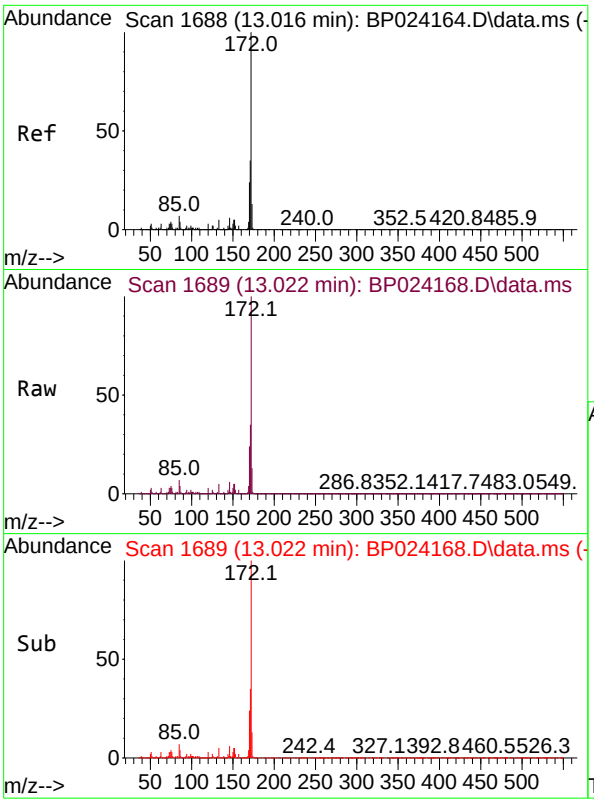


#44
2,4,5-Trichlorophenol
Concen: 40.985 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:196 Resp: 798076

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.5	114.7
97	45.3	38.7	58.1
132	27.3	22.2	33.2



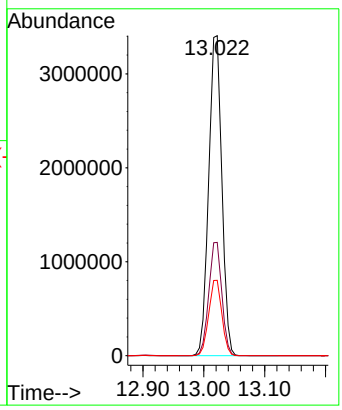


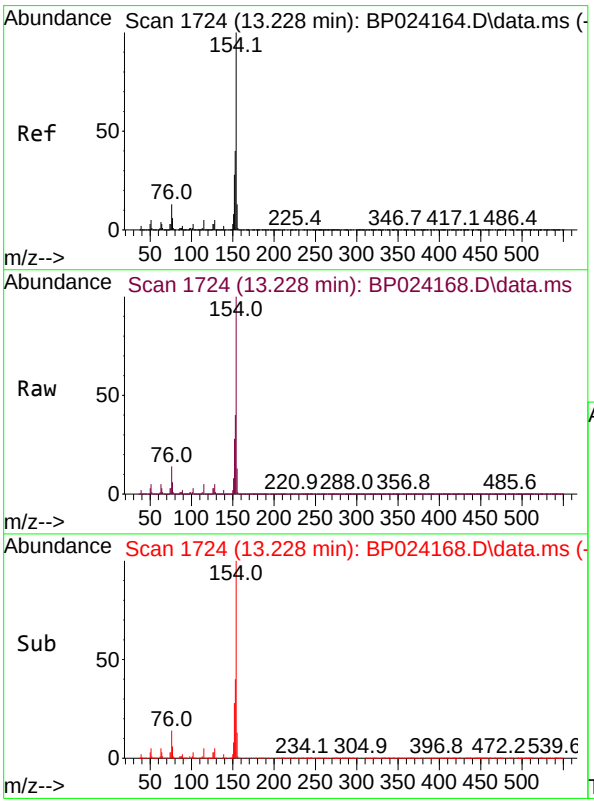
#45
2-Fluorobiphenyl
Concen: 77.885 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:172 Resp: 5105223

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	19.0	28.4

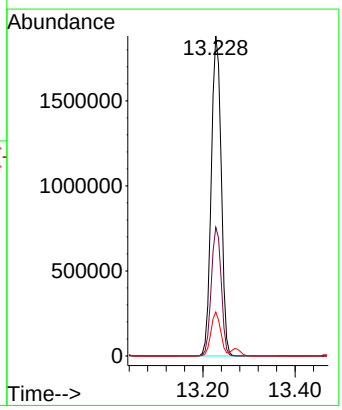


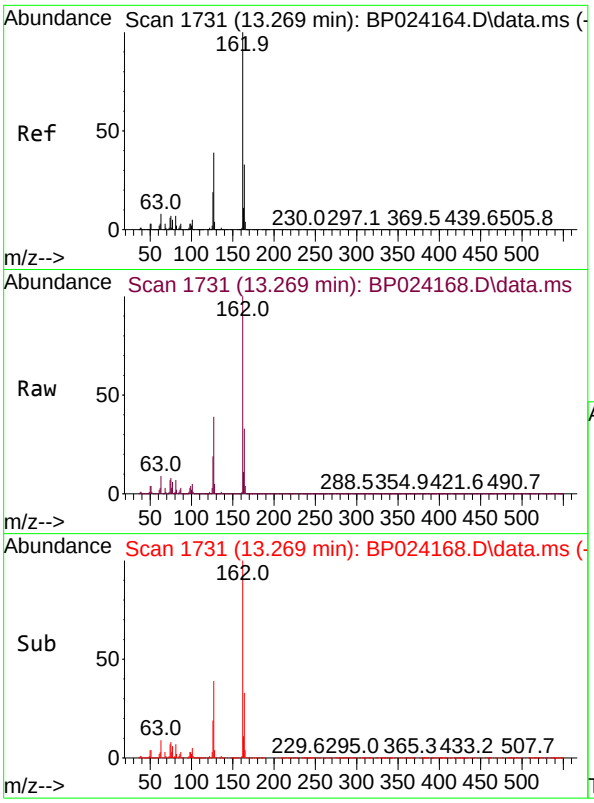


#46
1,1'-Biphenyl
Concen: 38.846 ng
RT: 13.228 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:154 Resp: 2821370

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.7	0.0	32.9



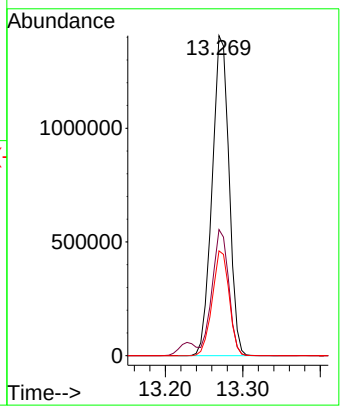


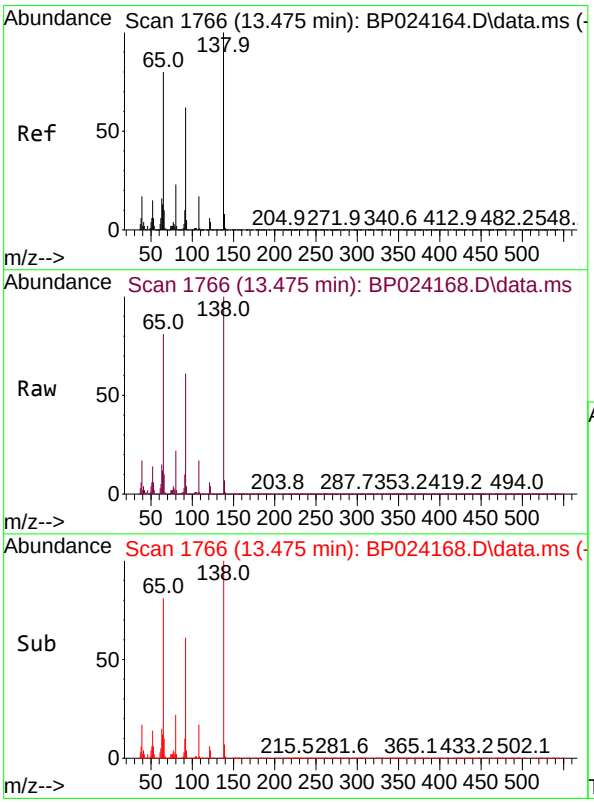
#47
2-Chloronaphthalene
Concen: 39.006 ng
RT: 13.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:162 Resp: 2130879

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.5	47.3
164	32.8	26.6	39.8

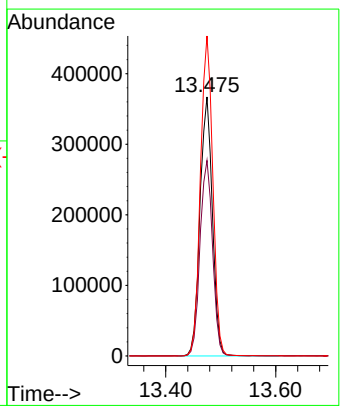


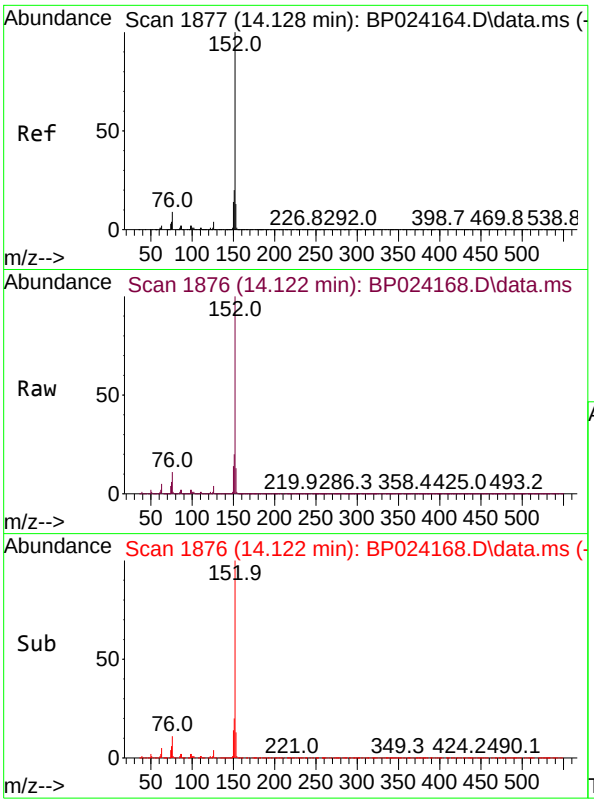


#48
2-Nitroaniline
Concen: 41.137 ng
RT: 13.475 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 65 Resp: 574806

Ion	Ratio	Lower	Upper
65	100		
92	75.5	62.1	93.1
138	123.5	99.5	149.3



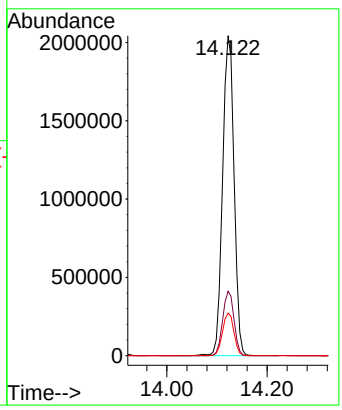


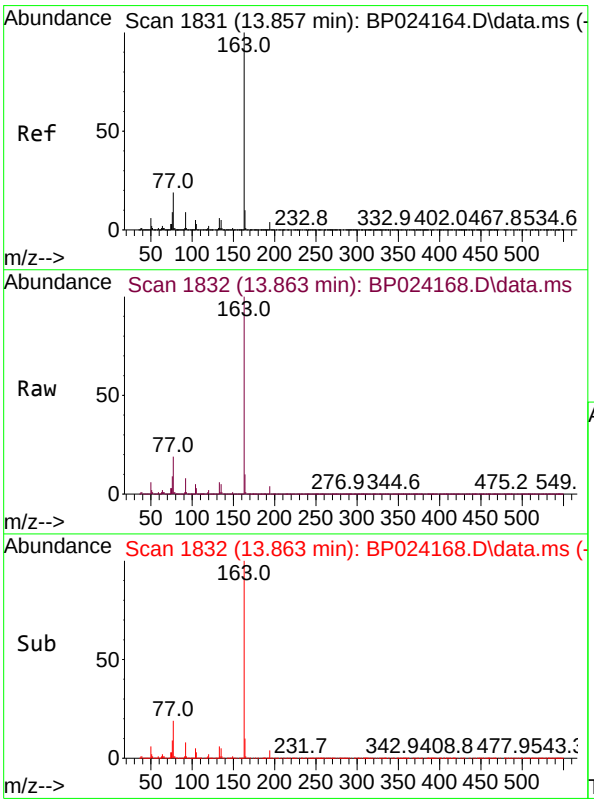
#49
Acenaphthylene
Concen: 39.262 ng
RT: 14.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:152 Resp: 3245488

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.3	10.6	15.8

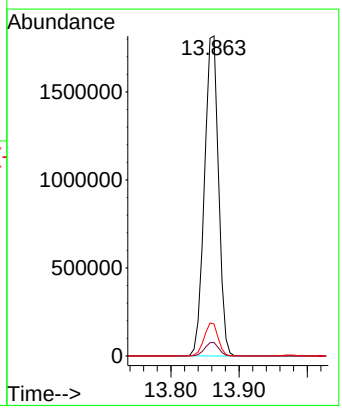


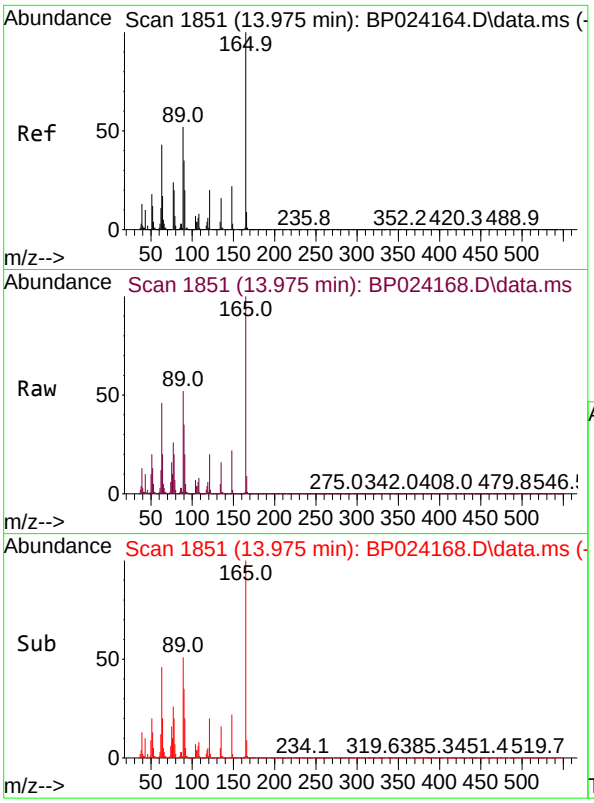


#50
Dimethylphthalate
Concen: 38.548 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:163 Resp: 2606961

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.2	12.4



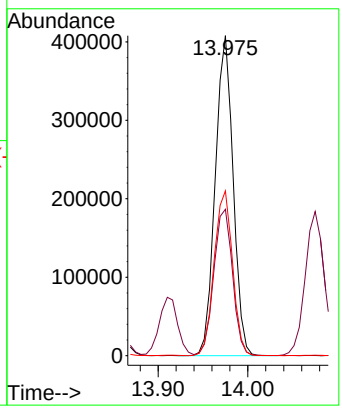


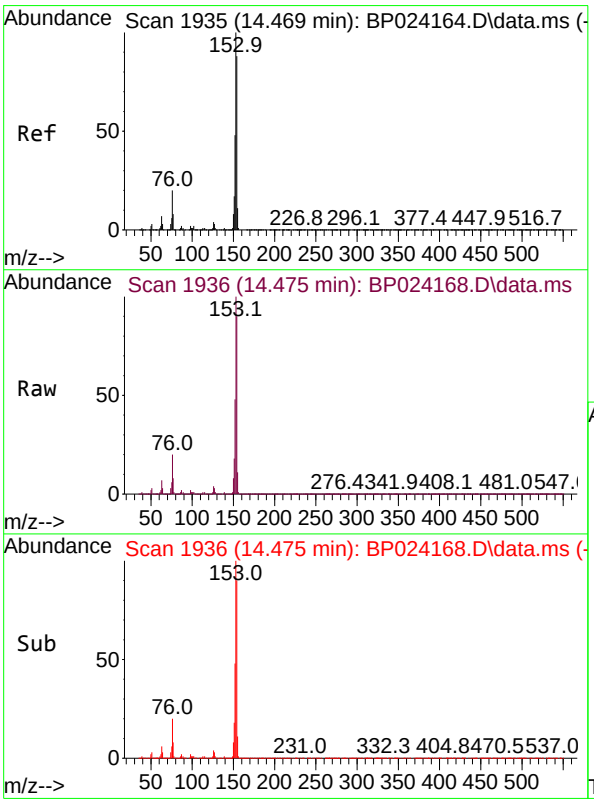
#51
2,6-Dinitrotoluene
Concen: 39.611 ng
RT: 13.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:165 Resp: 563651

Ion	Ratio	Lower	Upper
165	100		
63	45.8	37.7	56.5
89	51.5	41.9	62.9

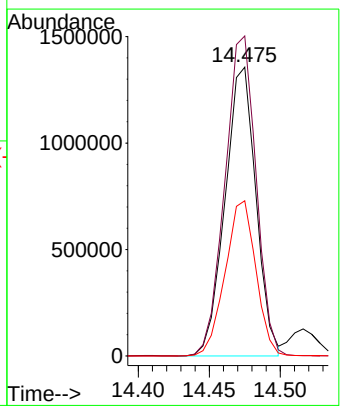


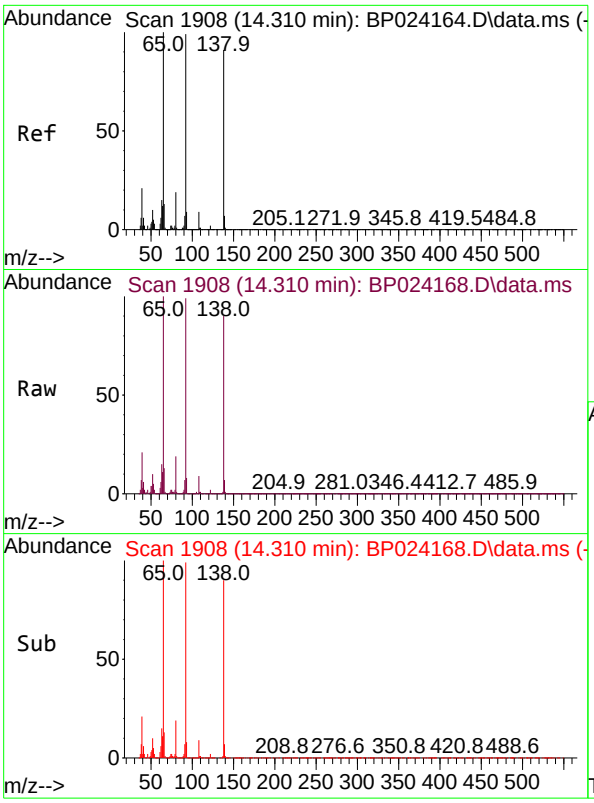


#52
Acenaphthene
Concen: 38.881 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:154 Resp: 2053476

Ion	Ratio	Lower	Upper
154	100		
153	110.8	90.5	135.7
152	53.7	43.1	64.7



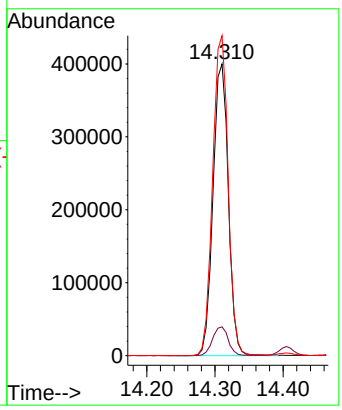


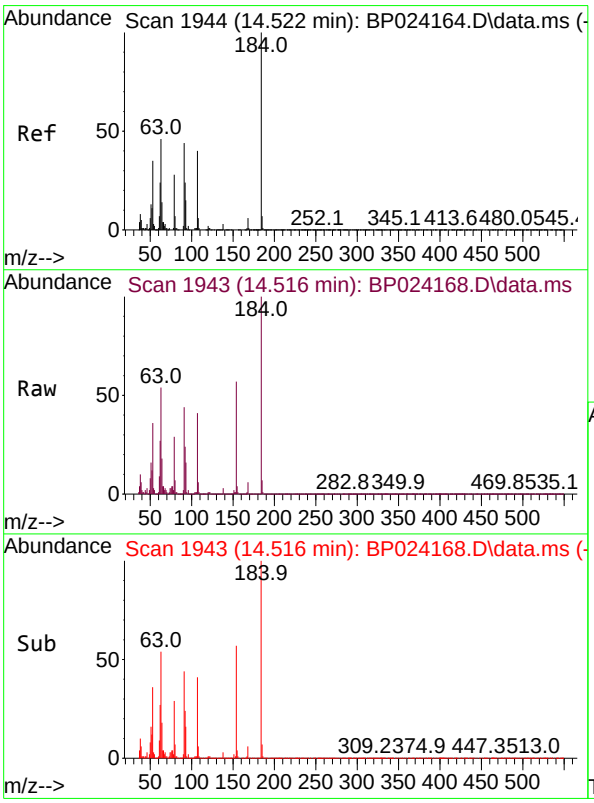
#53
3-Nitroaniline
Concen: 40.719 ng
RT: 14.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:138 Resp: 625803

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.2
92	109.7	86.7	130.1

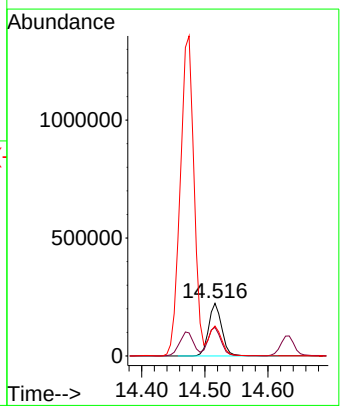


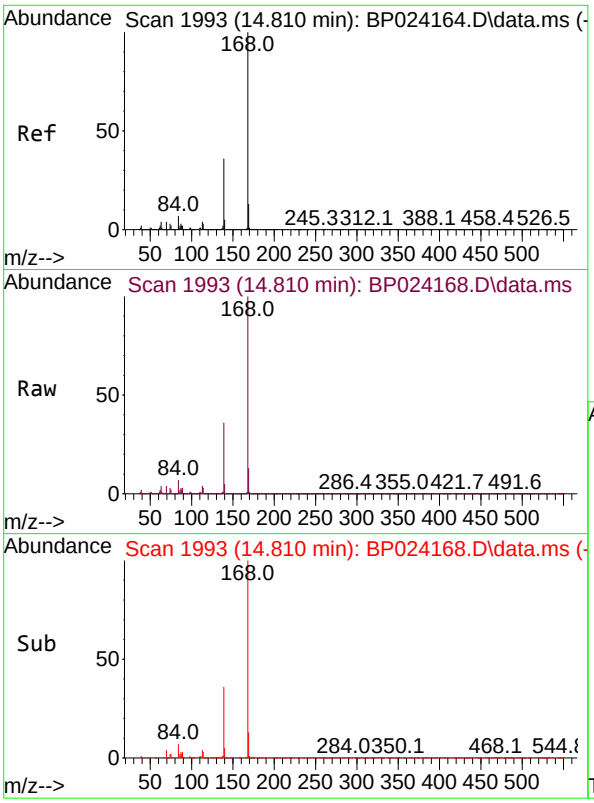


#54
2,4-Dinitrophenol
Concen: 42.791 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:184 Resp: 322185

Ion	Ratio	Lower	Upper
184	100		
63	54.2	42.1	63.1
154	56.8	44.6	67.0



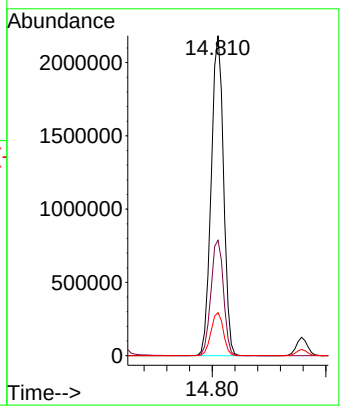


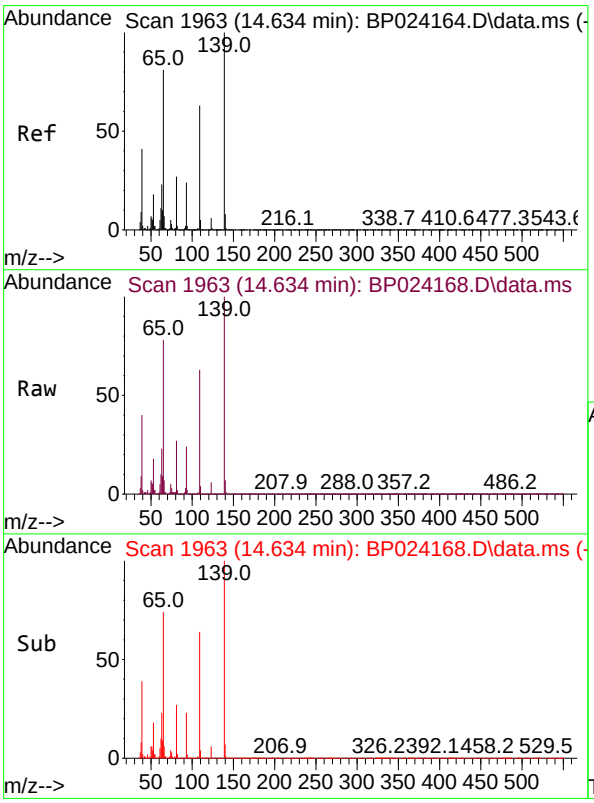
#55
Dibenzofuran
Concen: 38.264 ng
RT: 14.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:168 Resp: 3273448

Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.1	43.7
169	13.4	10.8	16.2

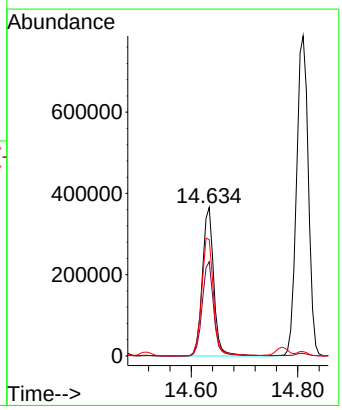


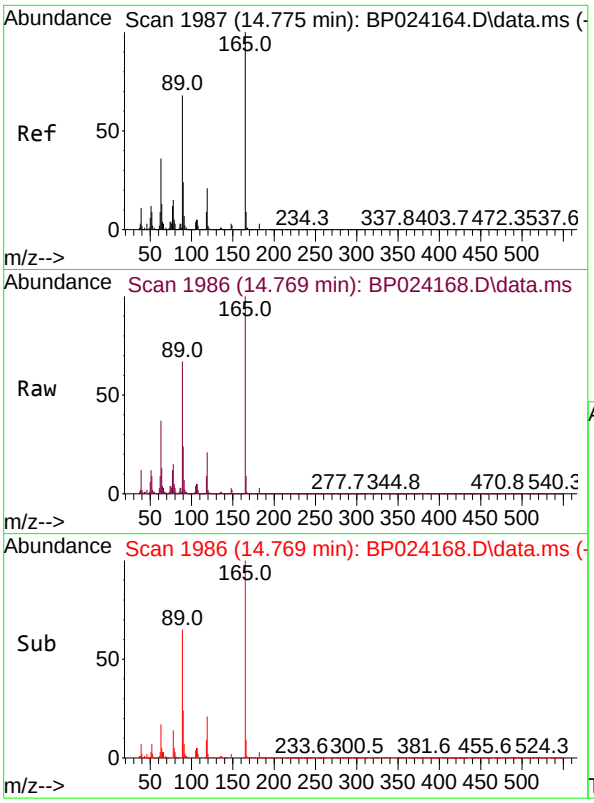


#56
4-Nitrophenol
Concen: 42.293 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:139 Resp: 543119

Ion	Ratio	Lower	Upper
139	100		
109	63.4	43.3	83.3
65	78.3	61.2	101.2



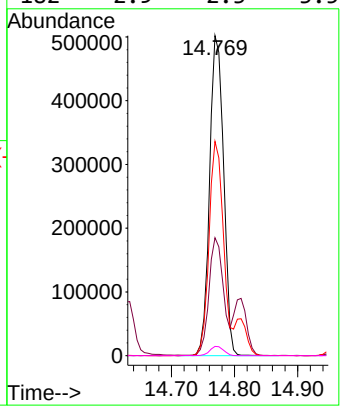


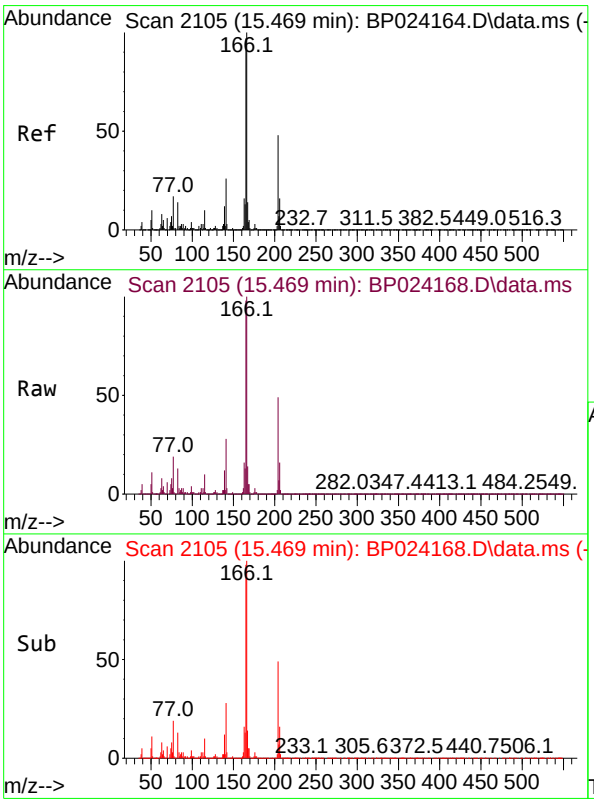
#57
2,4-Dinitrotoluene
Concen: 41.106 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:165 Resp: 772629

Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	66.9	54.2	81.4
182	2.9	2.3	3.5

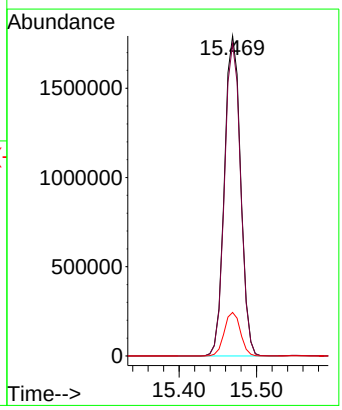


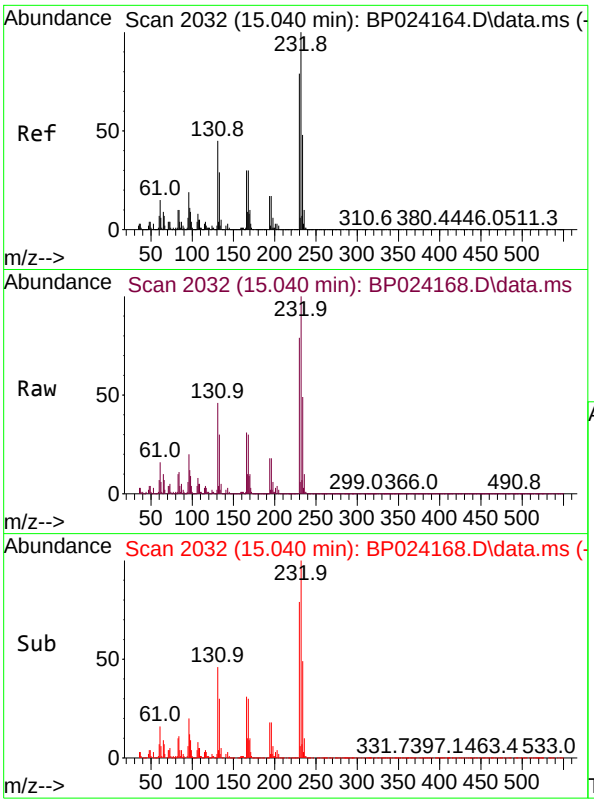


#58
Fluorene
Concen: 39.061 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:166 Resp: 2603595

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.6	116.4
167	13.6	10.8	16.2



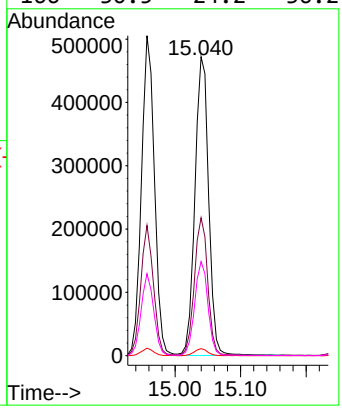


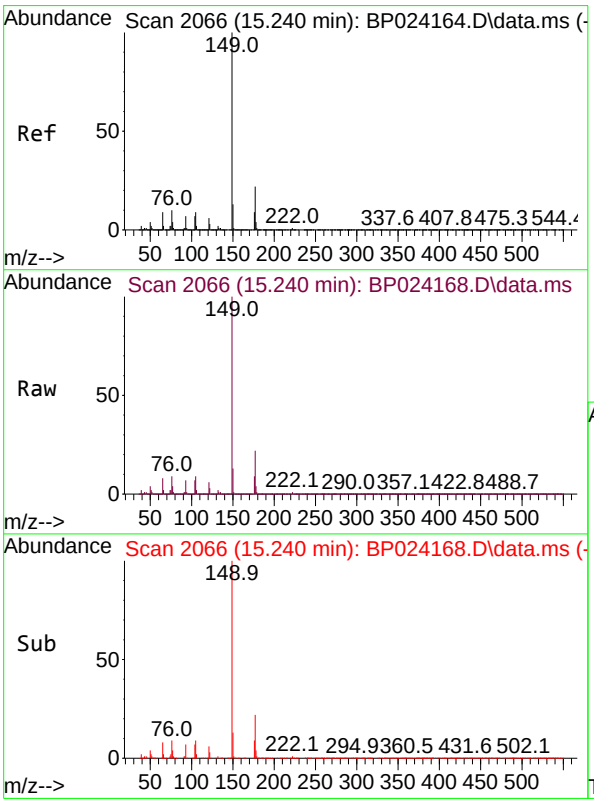
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.844 ng
RT: 15.040 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:232 Resp: 685479

Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.9	53.9
130	2.2	1.8	2.6
166	30.5	24.2	36.2

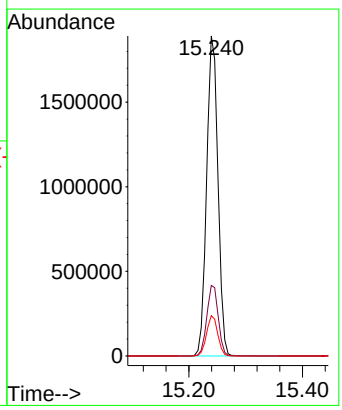


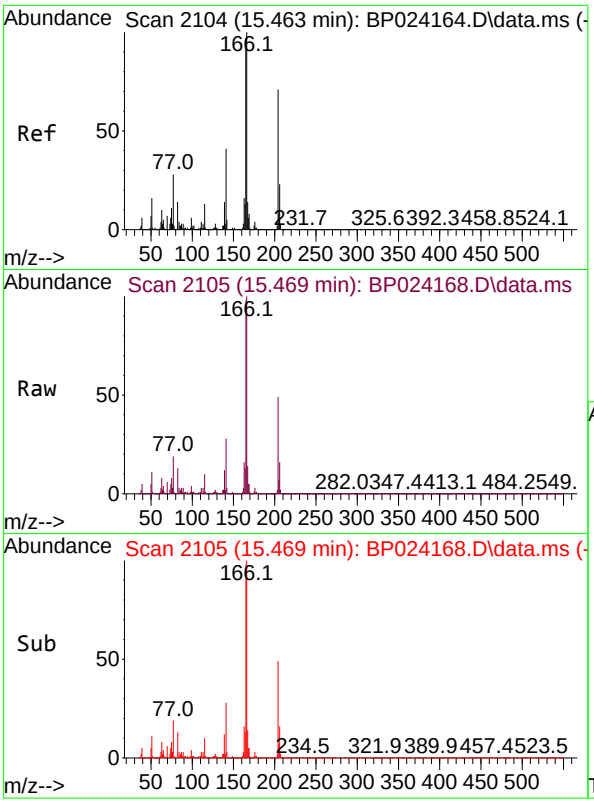


#60
Diethylphthalate
Concen: 38.539 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 2595505

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.6	10.2	15.4



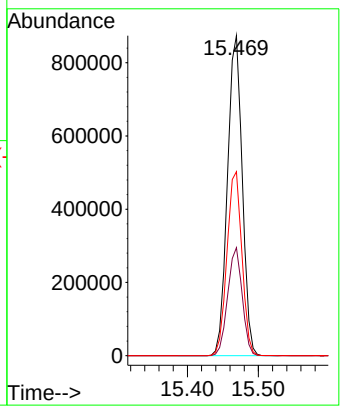


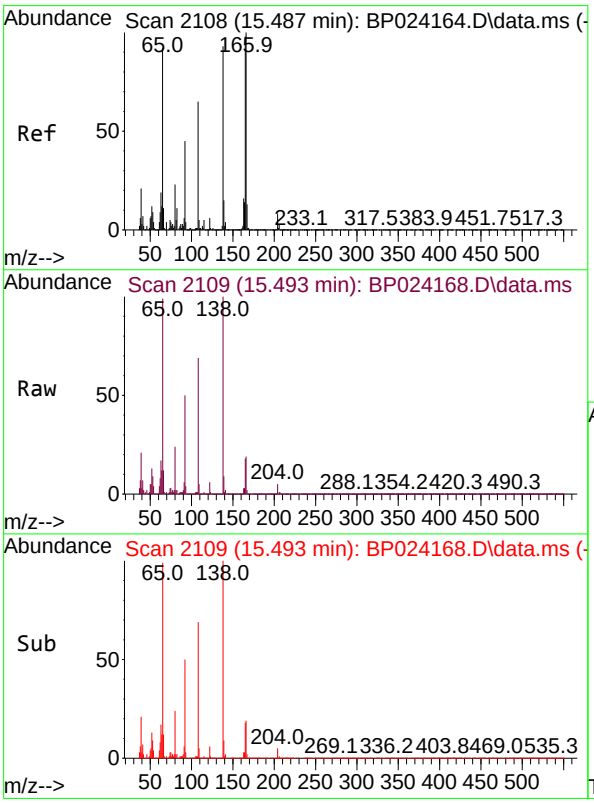
#61
4-Chlorophenyl-phenylether
Concen: 38.572 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:204 Resp: 1261005

Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.4	39.6
141	57.5	45.8	68.8

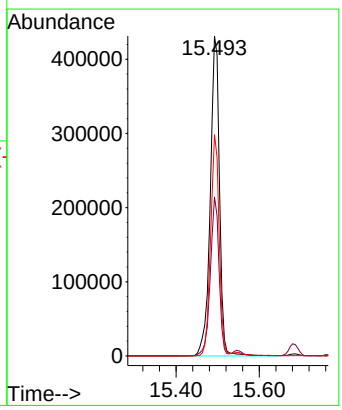


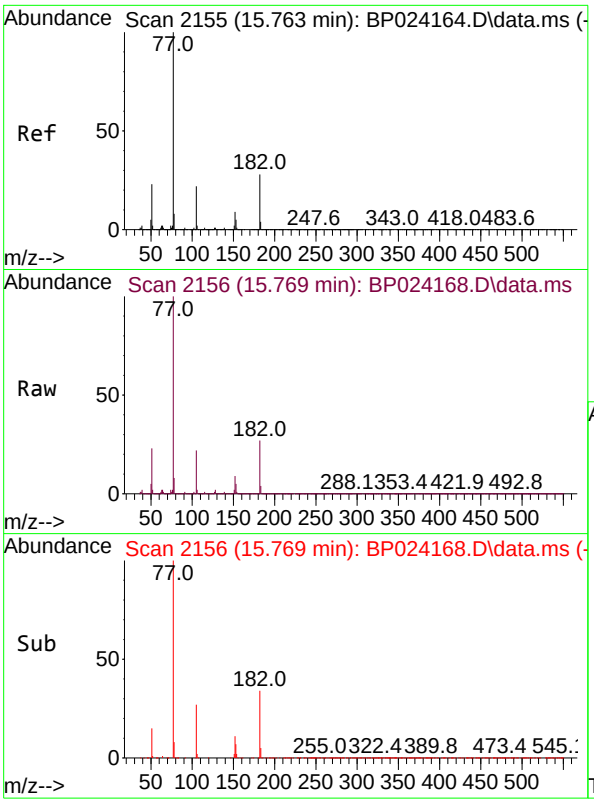


#62
4-Nitroaniline
Concen: 41.253 ng
RT: 15.493 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:138 Resp: 664956

Ion	Ratio	Lower	Upper
138	100		
92	49.7	28.7	68.7
108	69.1	49.5	89.5



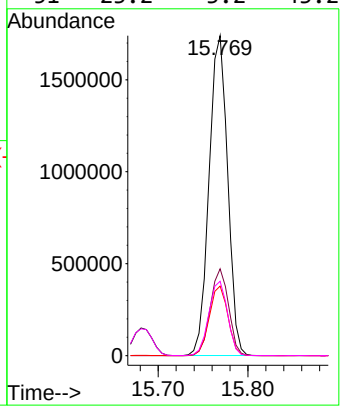


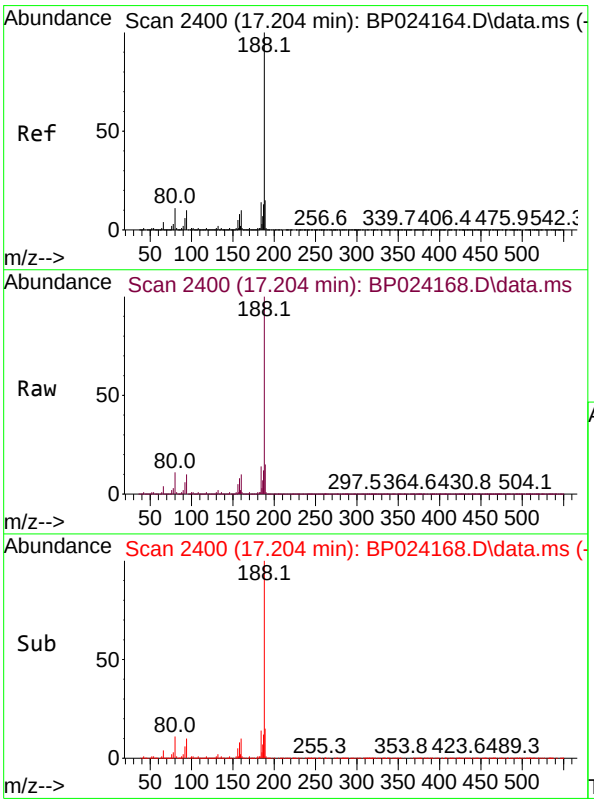
#63
Azobenzene
Concen: 39.347 ng
RT: 15.769 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion: 77 Resp: 2497600

Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.7	47.7
105	21.8	2.3	42.3
51	23.2	3.2	43.2

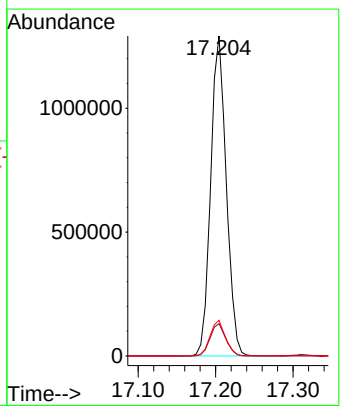


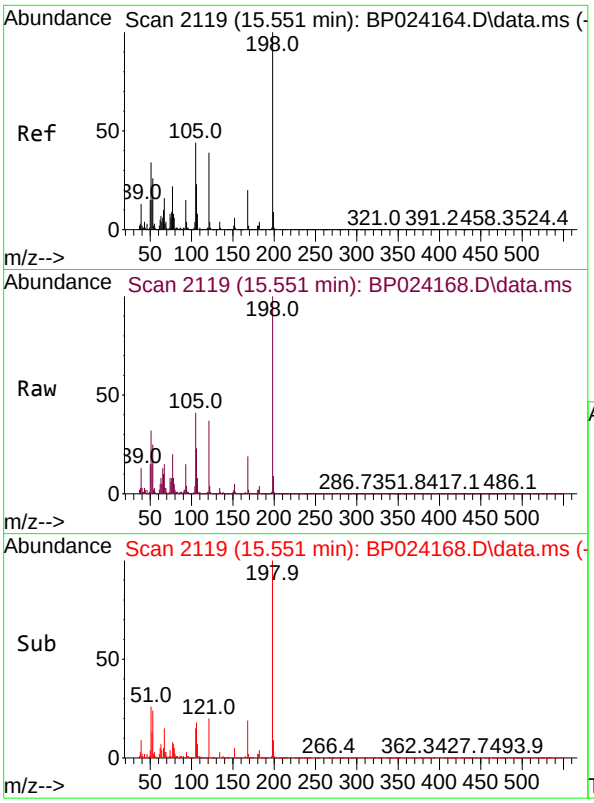


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:188 Resp: 1810172

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.1	8.9	13.3



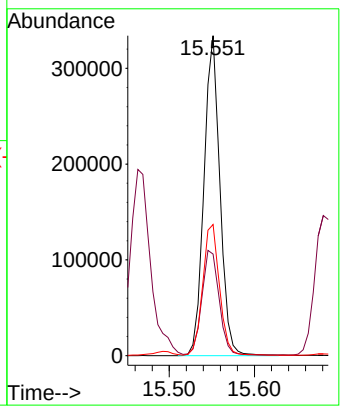


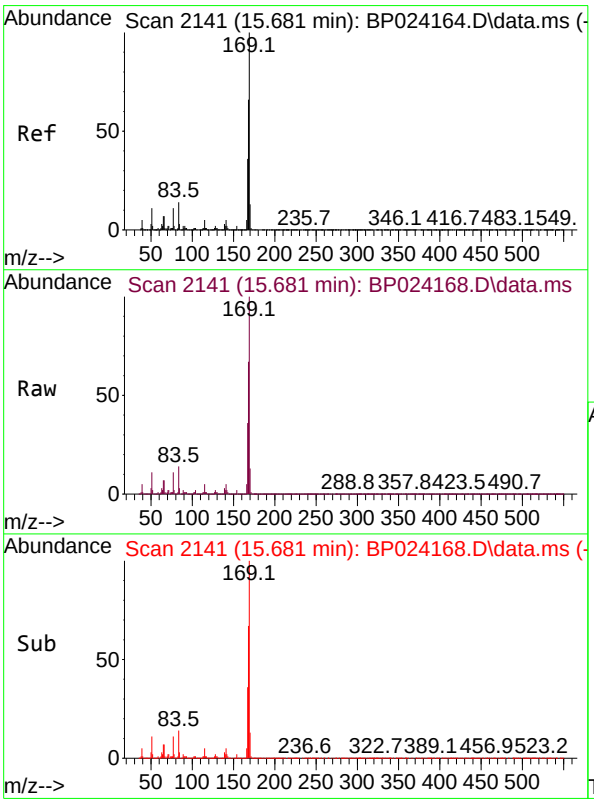
#65
4,6-Dinitro-2-methylphenol
Concen: 40.442 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:198 Resp: 434596

Ion	Ratio	Lower	Upper
198	100		
51	31.7	14.7	54.7
105	41.0	23.8	63.8

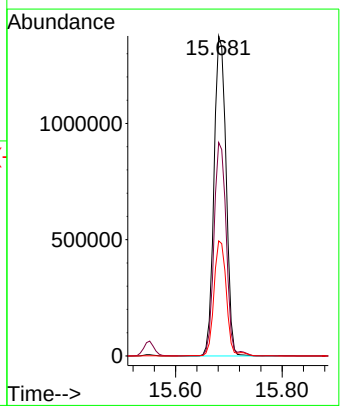


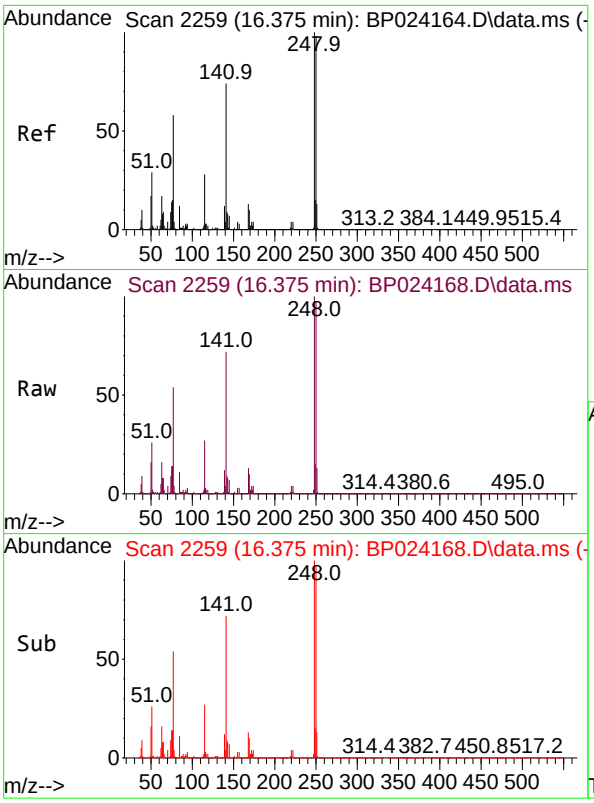


#66
n-Nitrosodiphenylamine
Concen: 39.234 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:169 Resp: 2156617

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.9	79.3
167	35.9	28.8	43.2



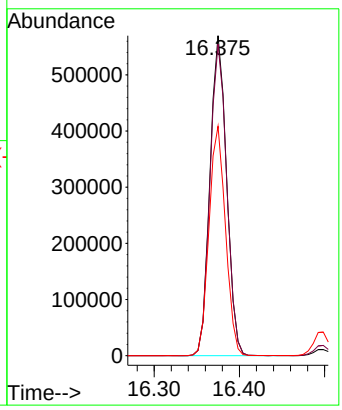


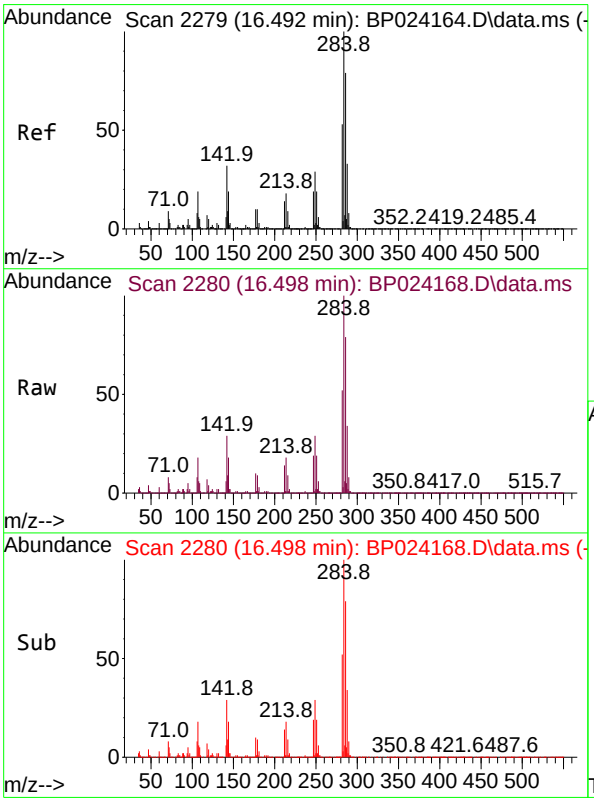
#67
4-Bromophenyl-phenylether
Concen: 38.892 ng
RT: 16.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:248 Resp: 772937

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	71.7	59.4	89.0

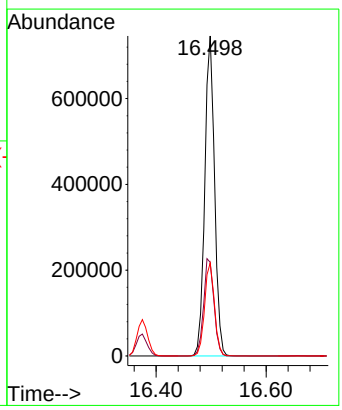


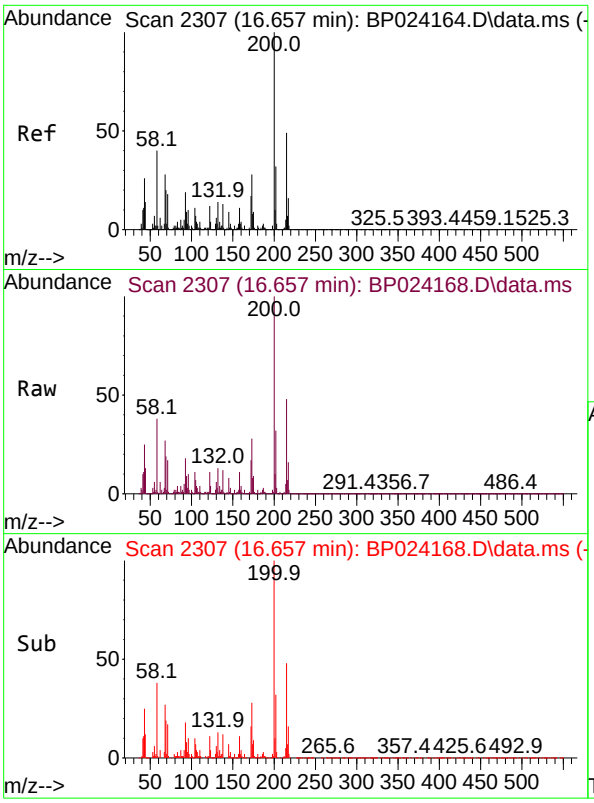


#68
Hexachlorobenzene
Concen: 39.073 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:284 Resp: 919105

Ion	Ratio	Lower	Upper
284	100		
142	29.3	25.4	38.2
249	29.1	23.5	35.3



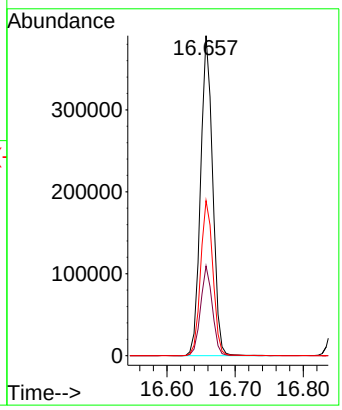


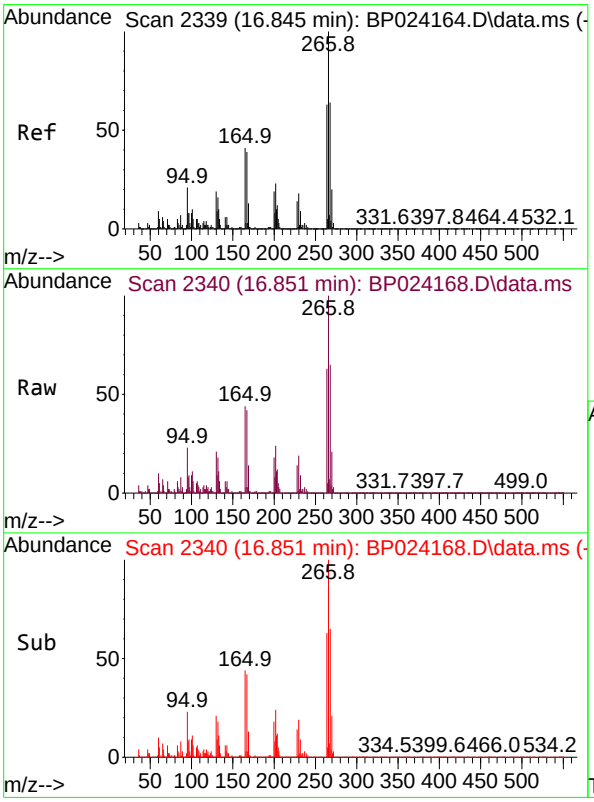
#69
Atrazine
Concen: 36.287 ng
RT: 16.657 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:200 Resp: 481443

Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.6	47.6
215	48.5	29.0	69.0

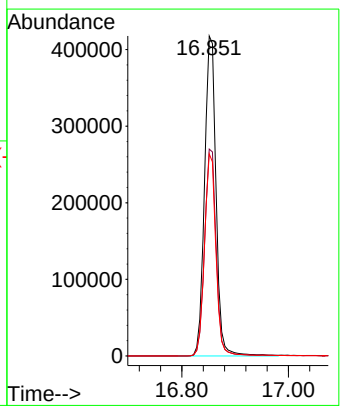


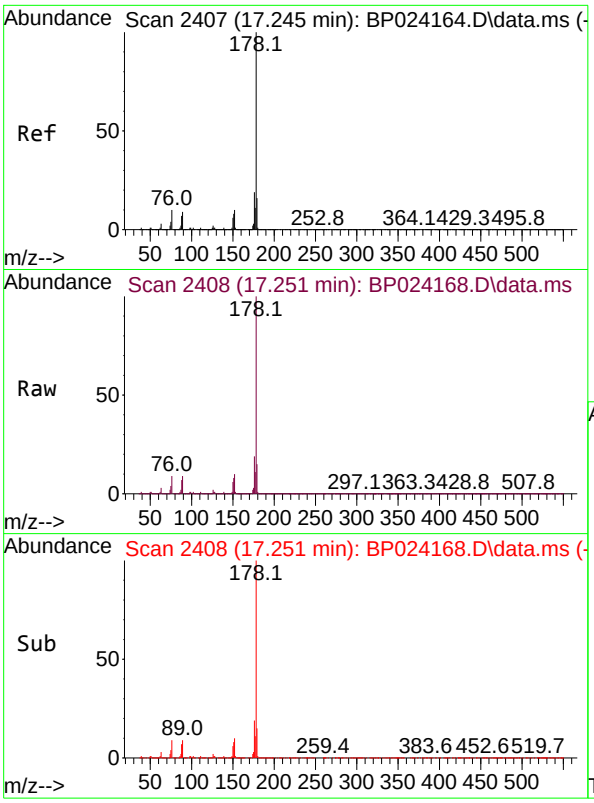


#70
Pentachlorophenol
Concen: 41.161 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:266 Resp: 626146

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.3	76.9
264	63.1	50.6	76.0



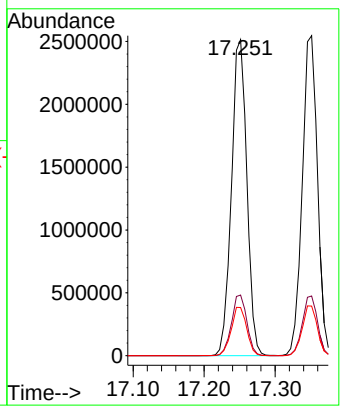


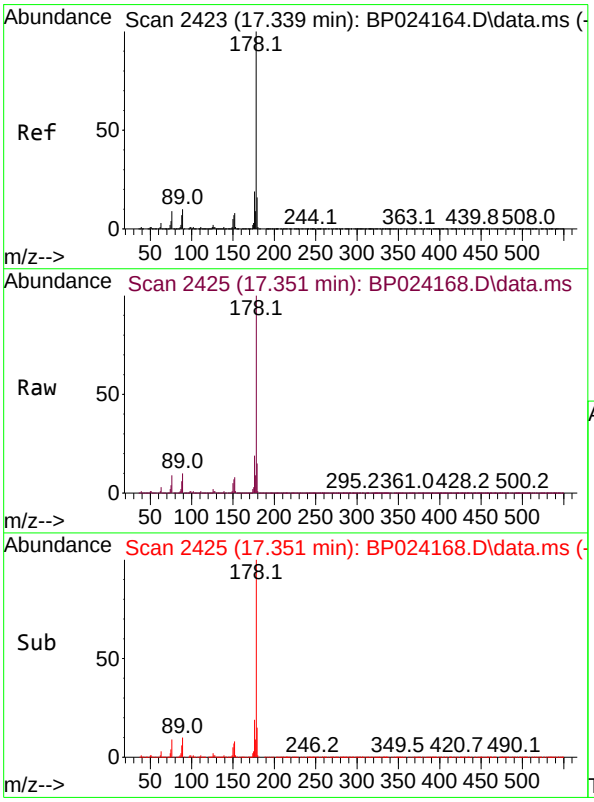
#71
Phenanthrene
Concen: 38.379 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:178 Resp: 3795212

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	12.5	18.7

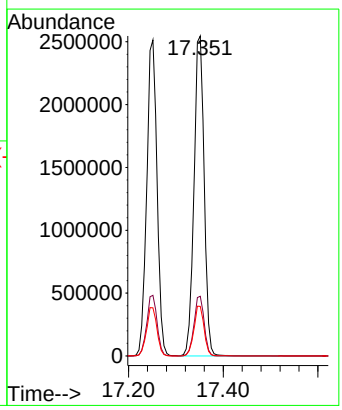


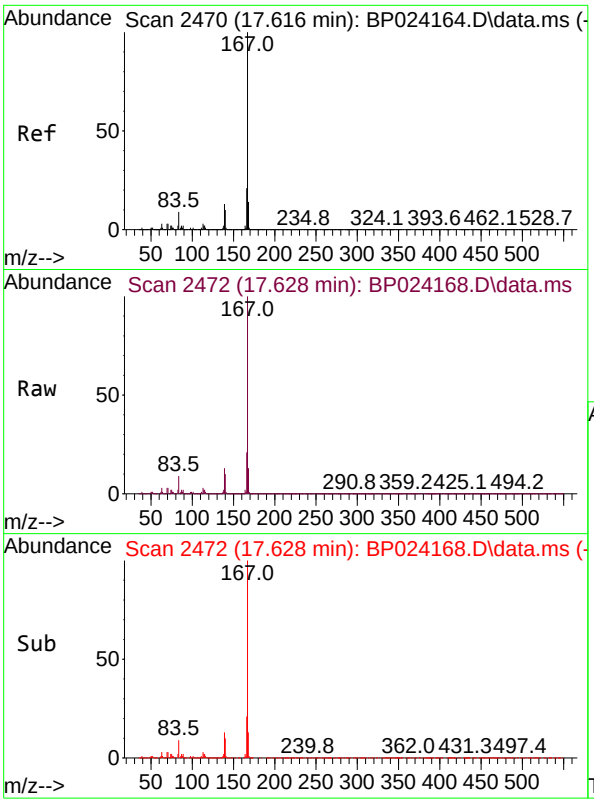


#72
Anthracene
Concen: 39.358 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:178 Resp: 3790779

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.5	12.6	18.8



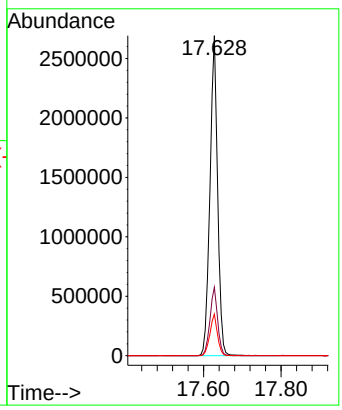


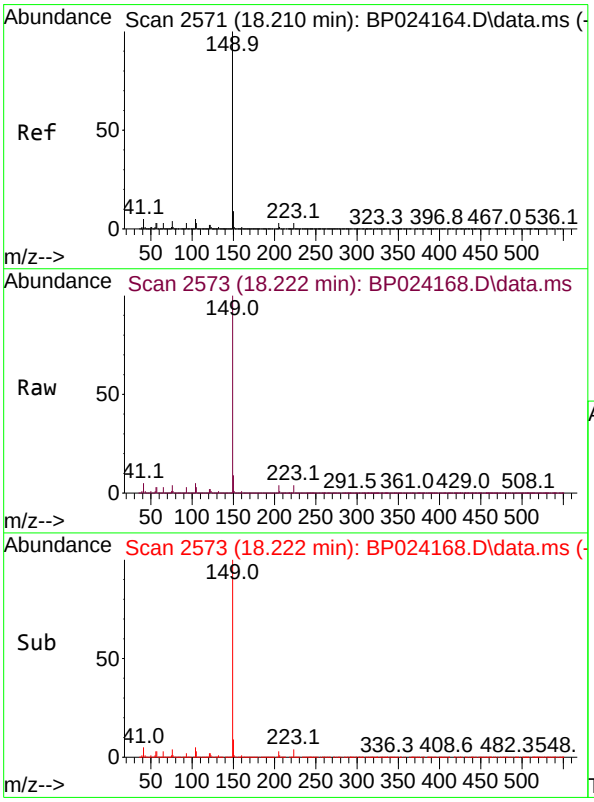
#73
Carbazole
Concen: 39.665 ng
RT: 17.628 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:167 Resp: 3684202

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.0	10.2	15.4

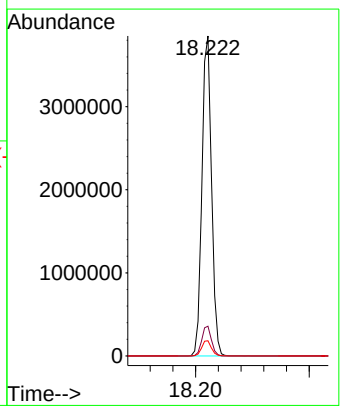


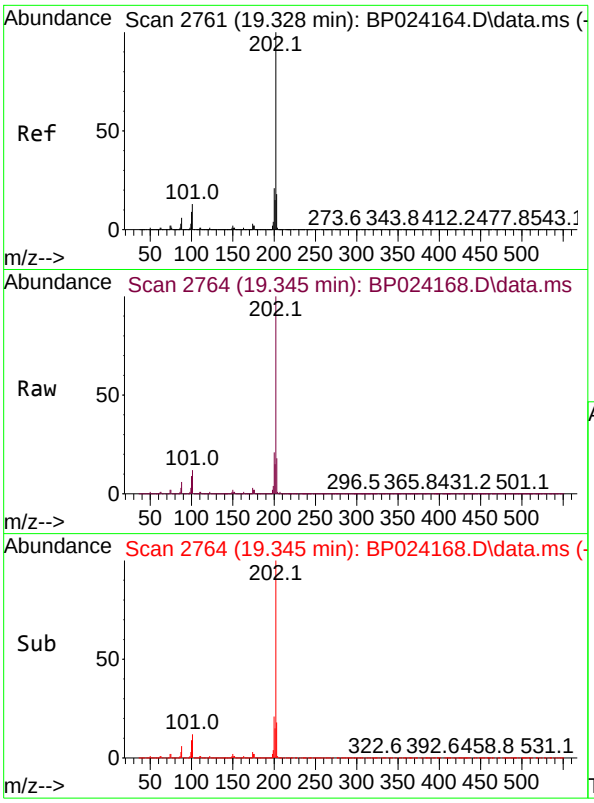


#74
Di-n-butylphthalate
Concen: 40.866 ng
RT: 18.222 min Scan# 2573
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 4505984

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.8	3.9	5.9



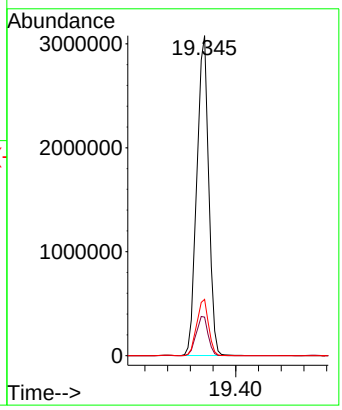


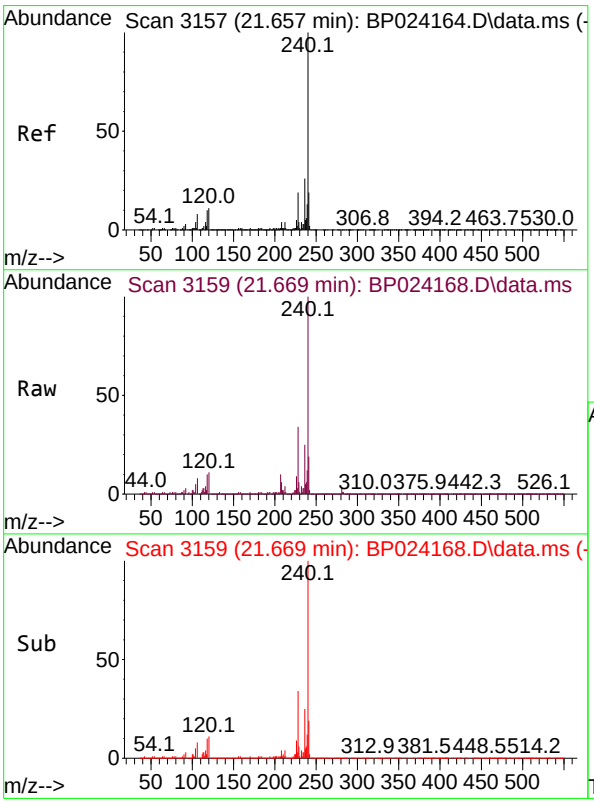
#75
Fluoranthene
Concen: 39.006 ng
RT: 19.345 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:202 Resp: 4467370

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.5
203	17.6	0.0	37.9

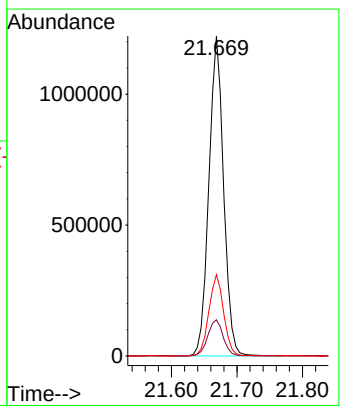


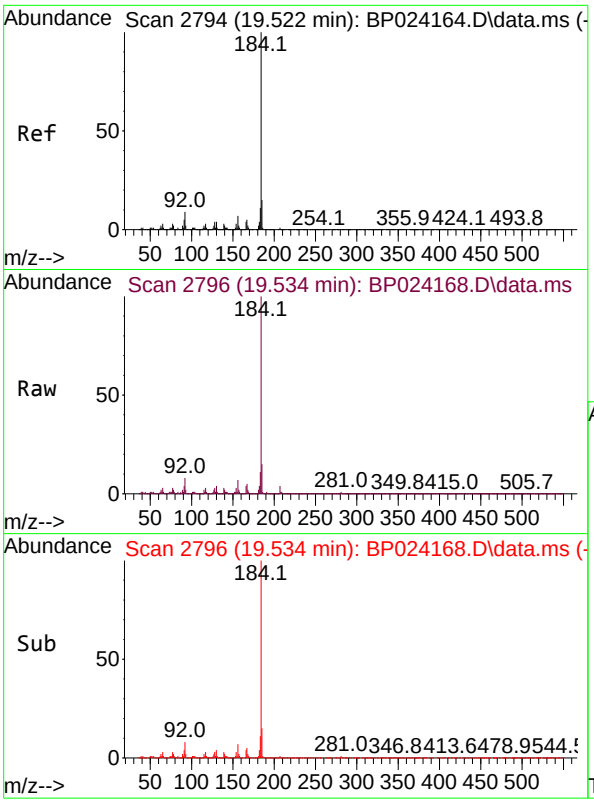


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3159
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:240 Resp: 1903114

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	25.4	20.4	30.6



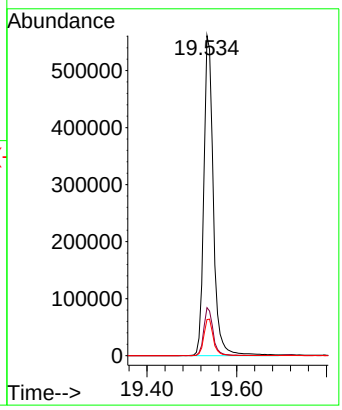


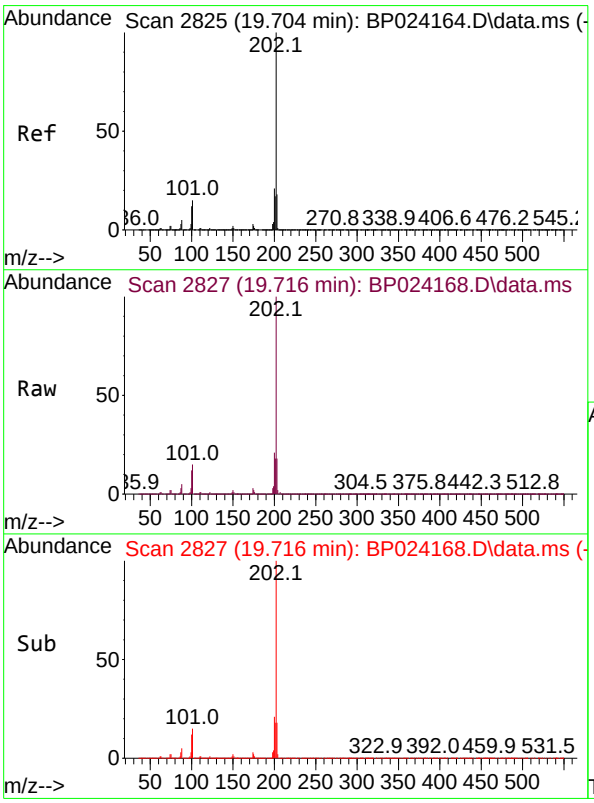
#77
Benzidine
Concen: 39.777 ng
RT: 19.534 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:184 Resp: 827654

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	11.3	9.1	13.7

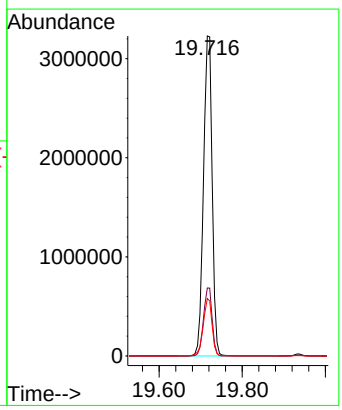


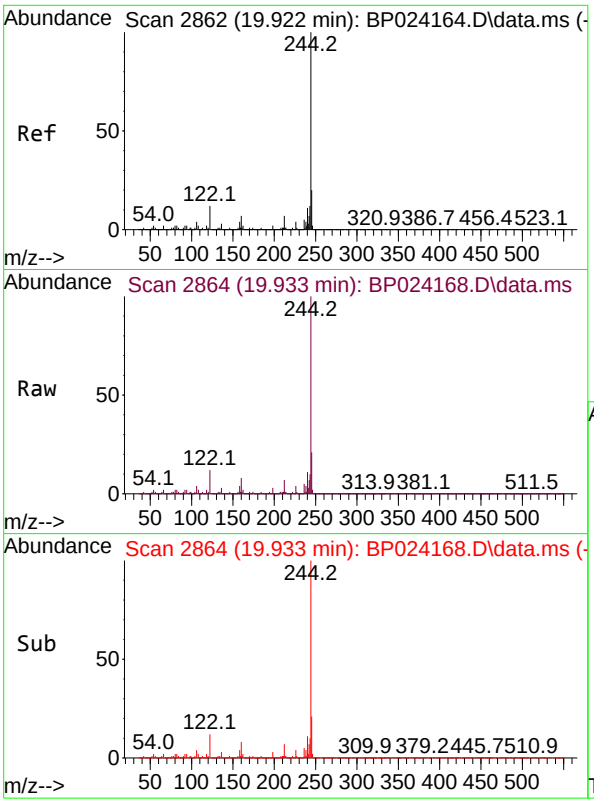


#78
Pyrene
Concen: 39.565 ng
RT: 19.716 min Scan# 2827
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:202 Resp: 4681182

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.9	14.2	21.4



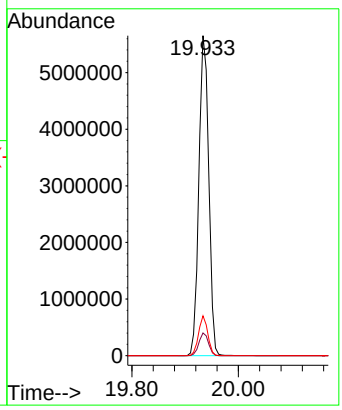


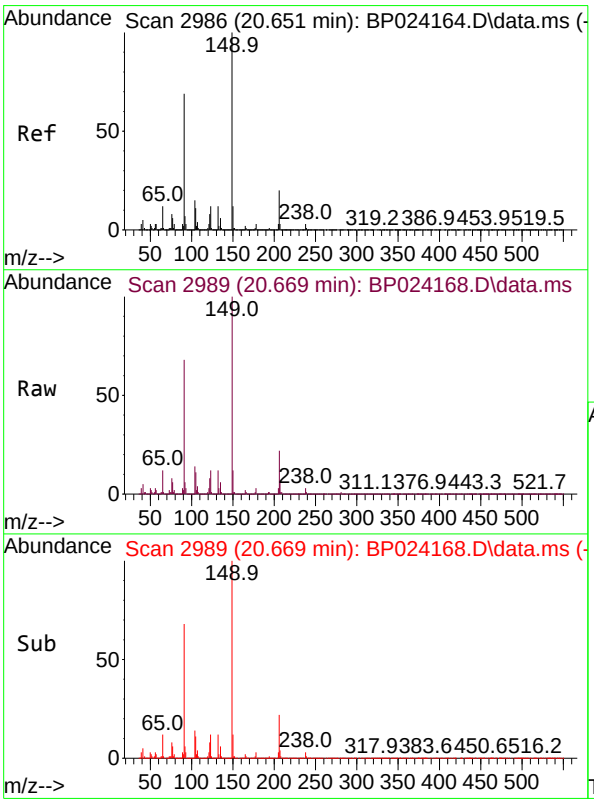
#79
Terphenyl-d14
Concen: 78.549 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:244 Resp: 7241807

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.5	9.6	14.4

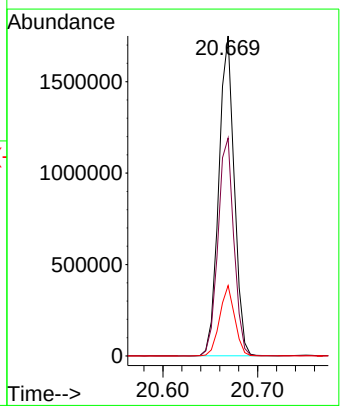


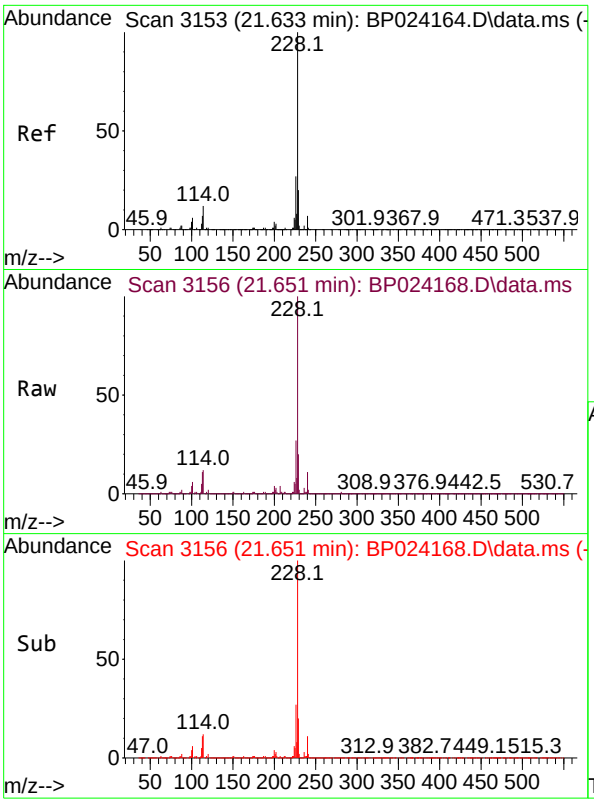


#80
Butylbenzylphthalate
Concen: 40.824 ng
RT: 20.669 min Scan# 2989
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 1991838

Ion	Ratio	Lower	Upper
149	100		
91	68.1	55.3	82.9
206	22.0	16.1	24.1



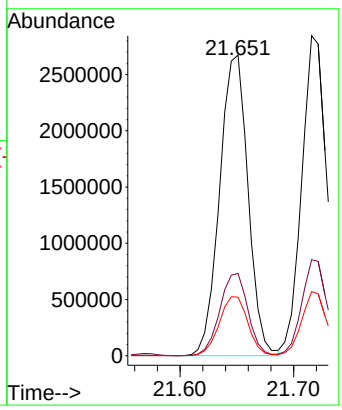


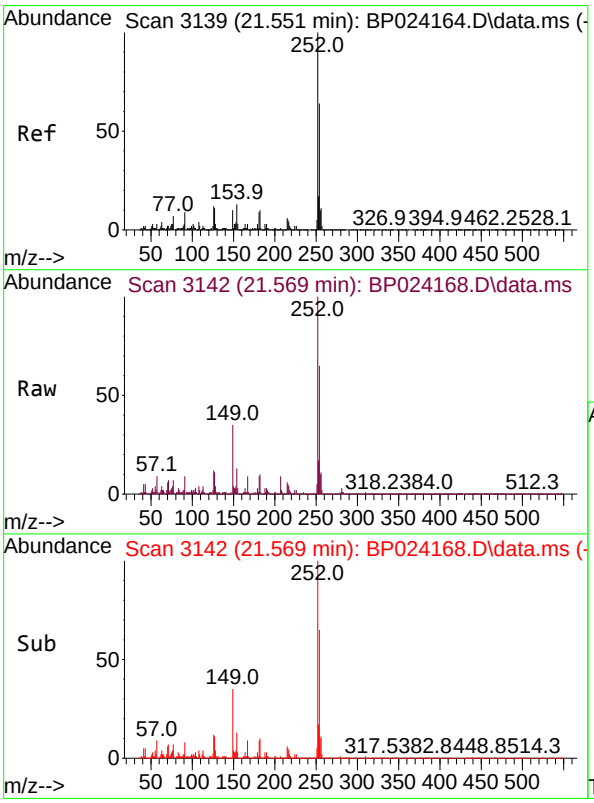
#81
Benzo(a)anthracene
Concen: 39.318 ng
RT: 21.651 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:228 Resp: 4652183

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.5	16.0	24.0

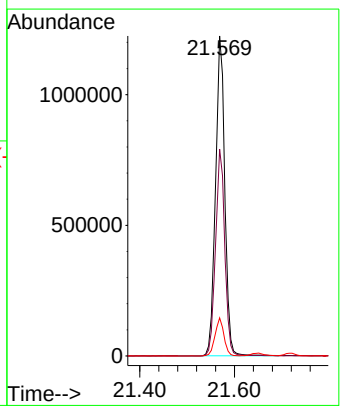


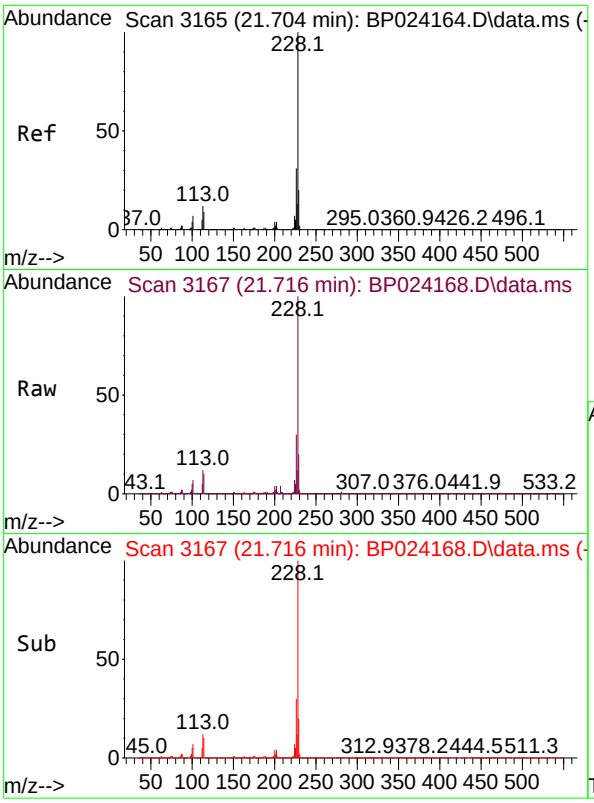


#82
3,3'-Dichlorobenzidine
Concen: 41.750 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:252 Resp: 1655655

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	11.9	9.3	13.9



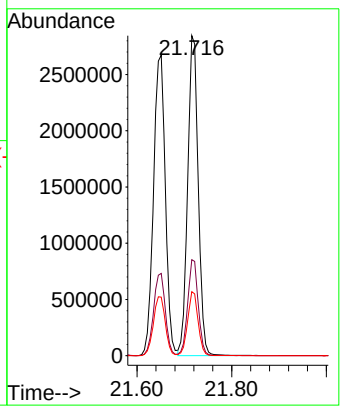


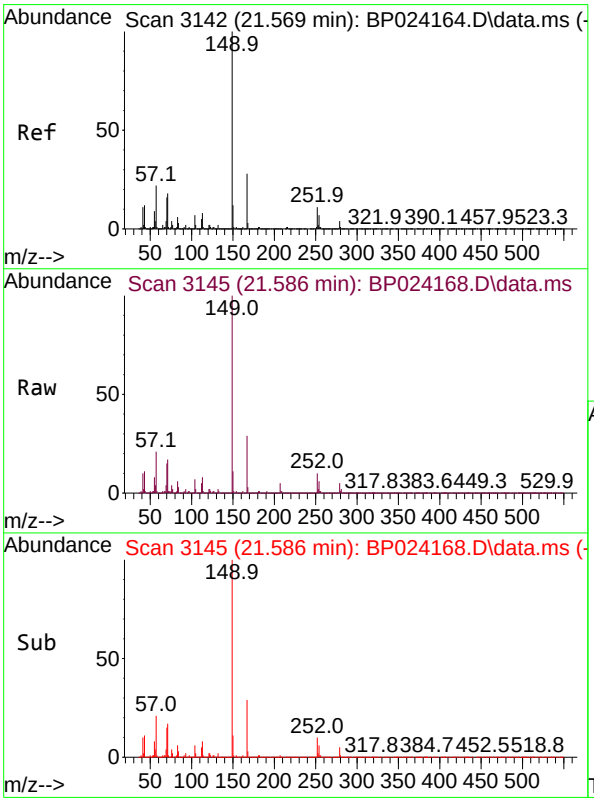
#83
Chrysene
Concen: 38.624 ng
RT: 21.716 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:228 Resp: 4393252

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	20.0	16.2	24.2

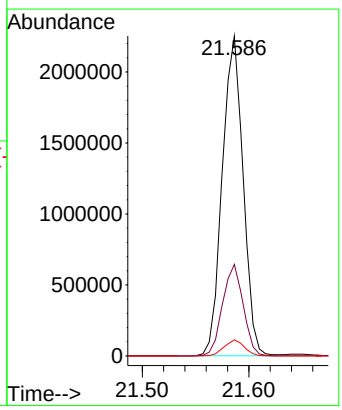


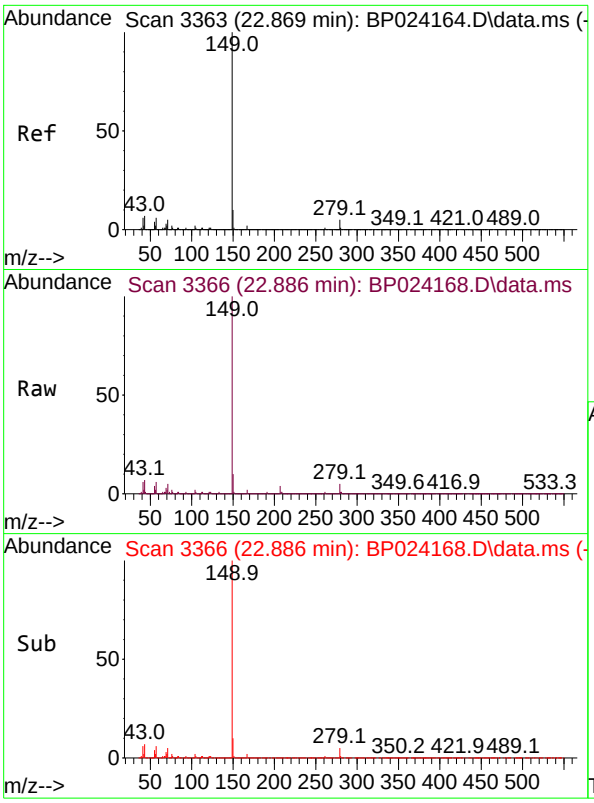


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.569 ng
RT: 21.586 min Scan# 3145
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 3060349

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.1	3.6	5.4



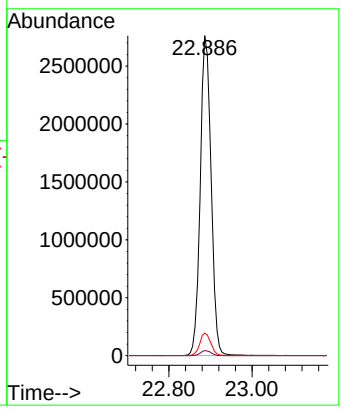


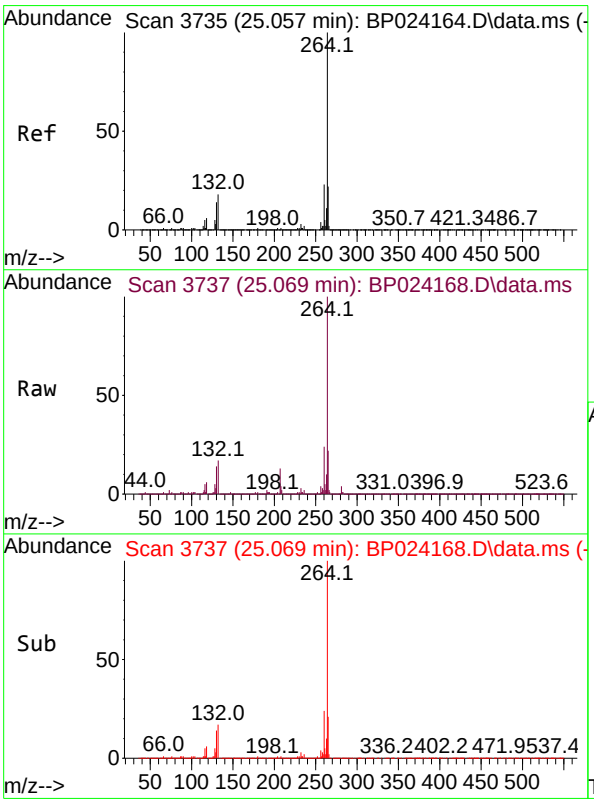
#85
Di-n-octyl phthalate
Concen: 42.452 ng
RT: 22.886 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:149 Resp: 5007462

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

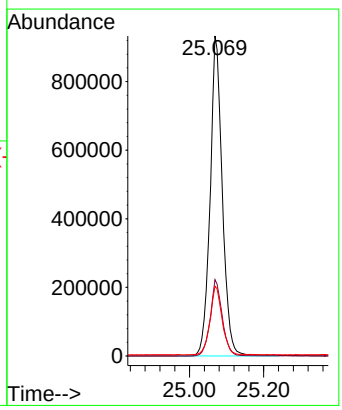


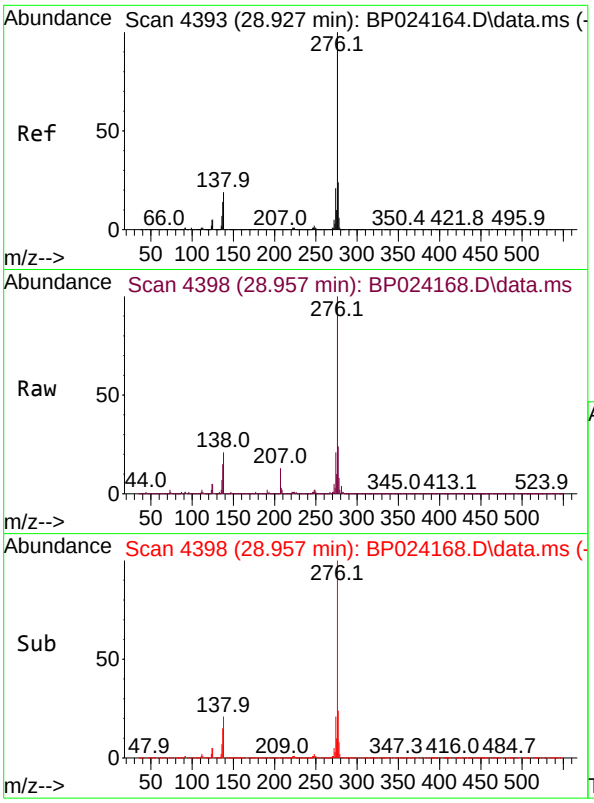


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.069 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:264 Resp: 2127367

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.8	17.7	26.5



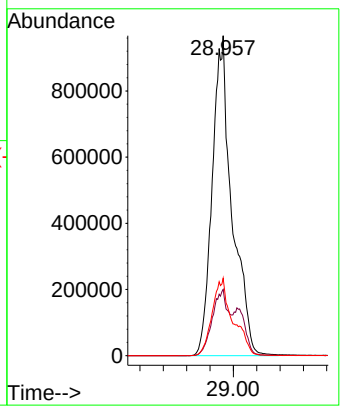


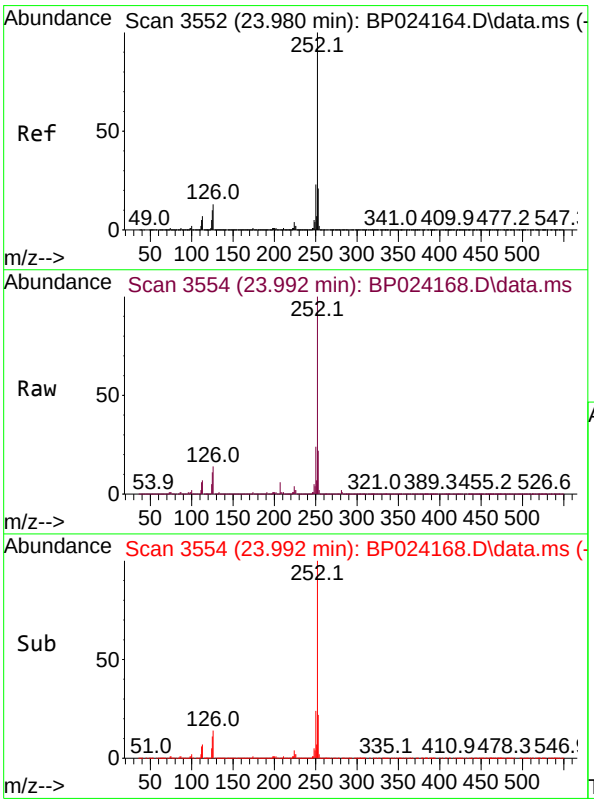
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.387 ng
RT: 28.957 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:276 Resp: 5699470

Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.7	20.5
277	25.3	20.2	30.2

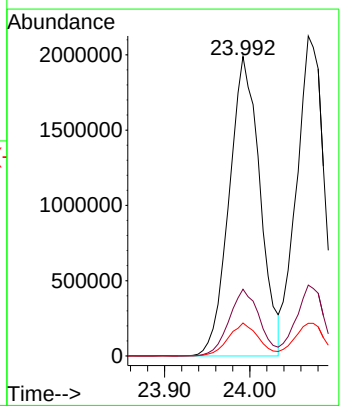


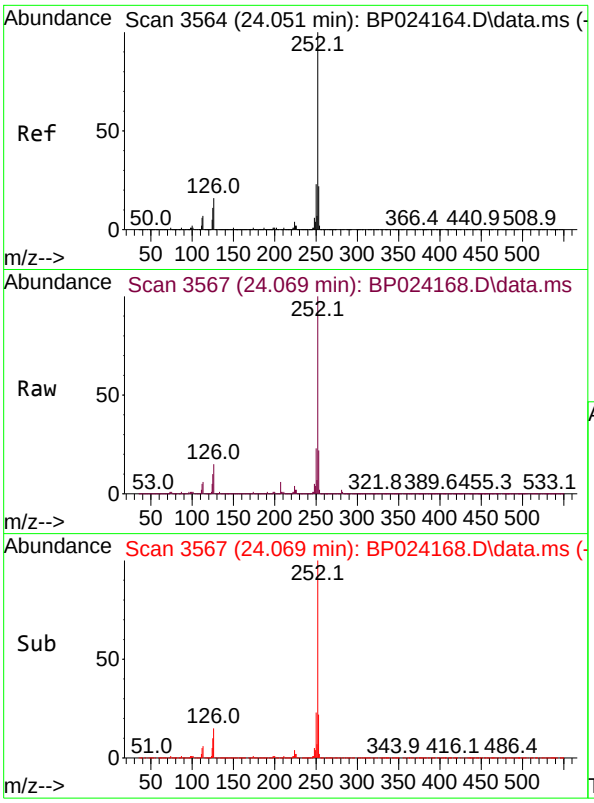


#88
Benzo(b)fluoranthene
Concen: 38.891 ng
RT: 23.992 min Scan# 3554
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:252 Resp: 4988392

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.0	8.2	12.4



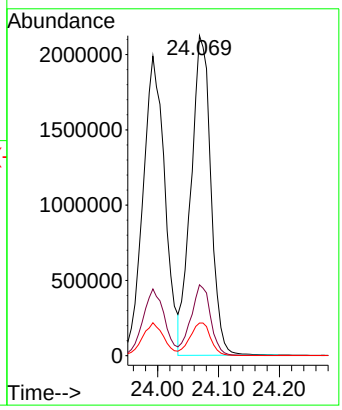


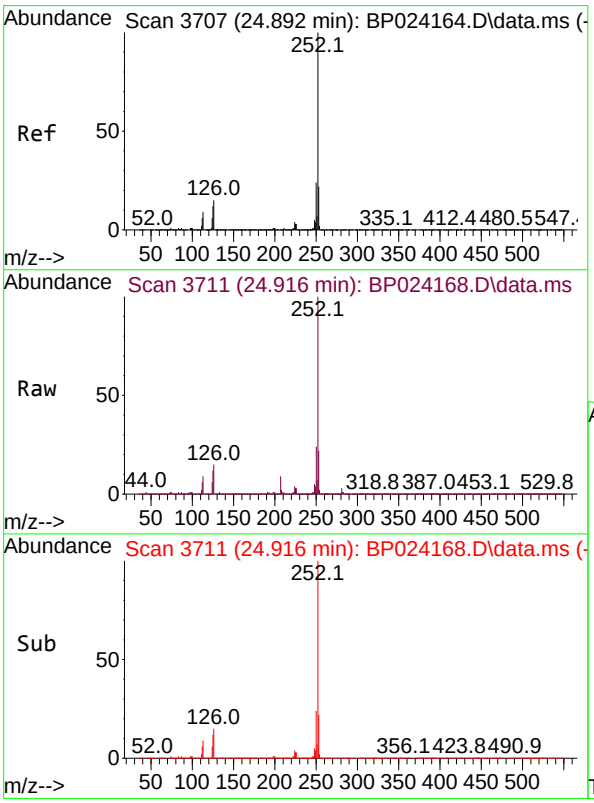
#89
Benzo(k)fluoranthene
Concen: 38.280 ng
RT: 24.069 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:252 Resp: 4803010

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.2	9.1	13.7

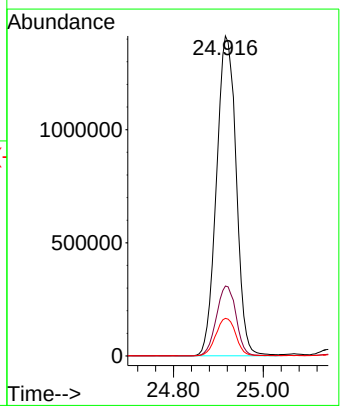


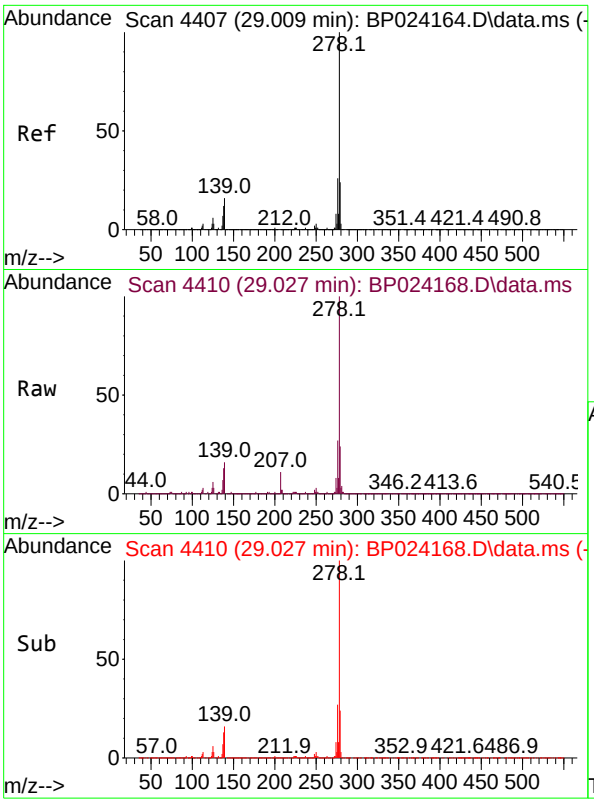


#90
Benzo(a)pyrene
Concen: 38.607 ng
RT: 24.916 min Scan# 3711
Delta R.T. 0.024 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:252 Resp: 4306060

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.8	9.6	14.4



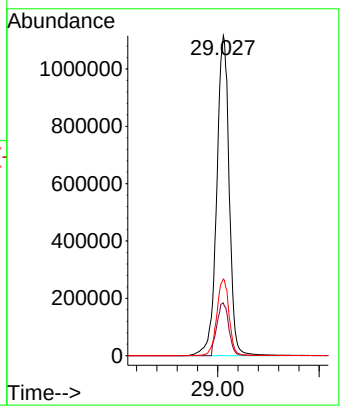


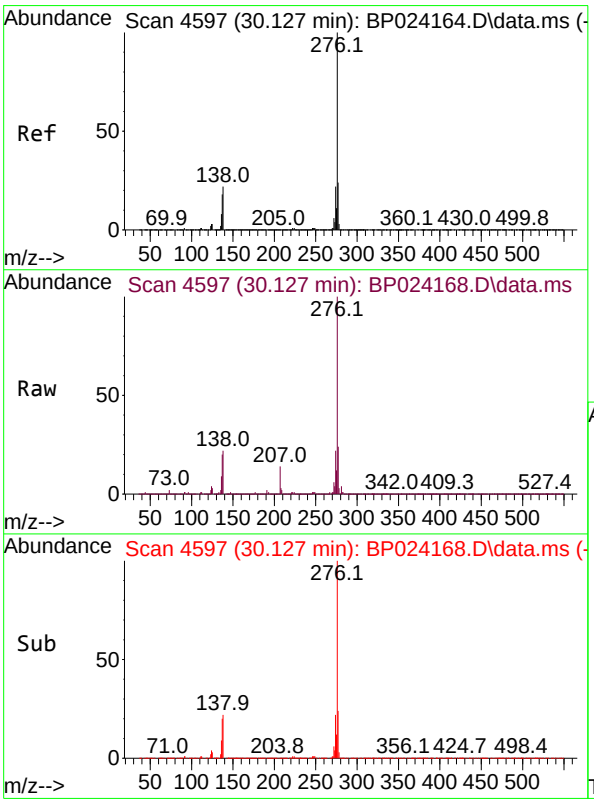
#91
Dibenzo(a,h)anthracene
Concen: 38.474 ng
RT: 29.027 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:278 Resp: 4752357

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.0	19.4
279	24.0	18.8	28.2

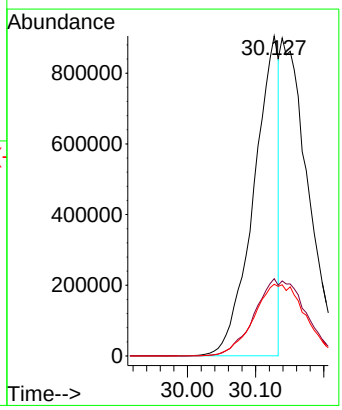




#92
Benzo(g,h,i)perylene
Concen: 18.332 ng
RT: 30.127 min Scan# 4597
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:276 Resp: 2301898

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	22.4	17.4	26.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	417672	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1599401	20.000	ng	-0.04
39) Acenaphthene-d10	14.387	164	884782	20.000	ng	-0.02
64) Phenanthrene-d10	17.204	188	1496179	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1314875	20.000	ng	0.00
86) Perylene-d12	25.045	264	1482251	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2160051	82.554	ng	-0.03
7) Phenol-d6	6.922	99	2767509	79.095	ng	-0.03
23) Nitrobenzene-d5	8.887	82	2351089	82.938	ng	-0.04
42) 2,4,6-Tribromophenol	15.910	330	855806	76.789	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	4921252	82.015	ng	-0.02
79) Terphenyl-d14	19.933	244	5589029	87.742	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	446474	43.047	ng	98
3) Pyridine	3.693	79	1138803	40.164	ng	98
4) n-Nitrosodimethylamine	3.599	42	387336	40.895	ng	98
6) Aniline	7.075	93	1232979	38.677	ng	99
8) 2-Chlorophenol	7.311	128	1128182	39.918	ng	98
9) Benzaldehyde	6.893	77	718139	42.530	ng	98
10) Phenol	6.946	94	1391750	39.401	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	1103890	39.629	ng	99
12) 1,3-Dichlorobenzene	7.628	146	1222363	40.107	ng	100
13) 1,4-Dichlorobenzene	7.775	146	1241956	39.910	ng	99
14) 1,2-Dichlorobenzene	8.087	146	1172482	39.263	ng	99
15) Benzyl Alcohol	7.975	79	859059	38.780	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.264	45	1159861	40.798	ng	97
17) 2-Methylphenol	8.181	107	862191	38.925	ng	99
18) Hexachloroethane	8.811	117	447680	40.550	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	783983	38.622	ng	99
20) 3+4-Methylphenols	8.505	107	1173563	38.565	ng	100
22) Acetophenone	8.552	105	1622693	40.130	ng	99
24) Nitrobenzene	8.928	77	1155357	41.315	ng	99
25) Isophorone	9.452	82	1954970	40.232	ng	99
26) 2-Nitrophenol	9.634	139	552969	41.396	ng	98
27) 2,4-Dimethylphenol	9.699	122	690386	40.194	ng	100
28) bis(2-Chloroethoxy)met...	9.928	93	1382312	40.436	ng	100
29) 2,4-Dichlorophenol	10.169	162	945582	40.695	ng	99
30) 1,2,4-Trichlorobenzene	10.381	180	1037774	40.425	ng	100
31) Naphthalene	10.569	128	3408979	40.209	ng	100
32) Benzoic acid	9.846	122	652890	38.975	ng	97
33) 4-Chloroaniline	10.681	127	1178228	38.833	ng	99
34) Hexachlorobutadiene	10.852	225	597628	40.450	ng	99
35) Caprolactam	11.469	113	276797	36.348	ng	98
36) 4-Chloro-3-methylphenol	11.810	107	988672	39.442	ng	99
37) 2-Methylnaphthalene	12.187	142	2247240	39.235	ng	99
38) 1-Methylnaphthalene	12.399	142	2181412	39.157	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1069066	41.799	ng	99
41) Hexachlorocyclopentadiene	12.540	237	387852	42.069	ng	99
43) 2,4,6-Trichlorophenol	12.799	196	687273	42.283	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

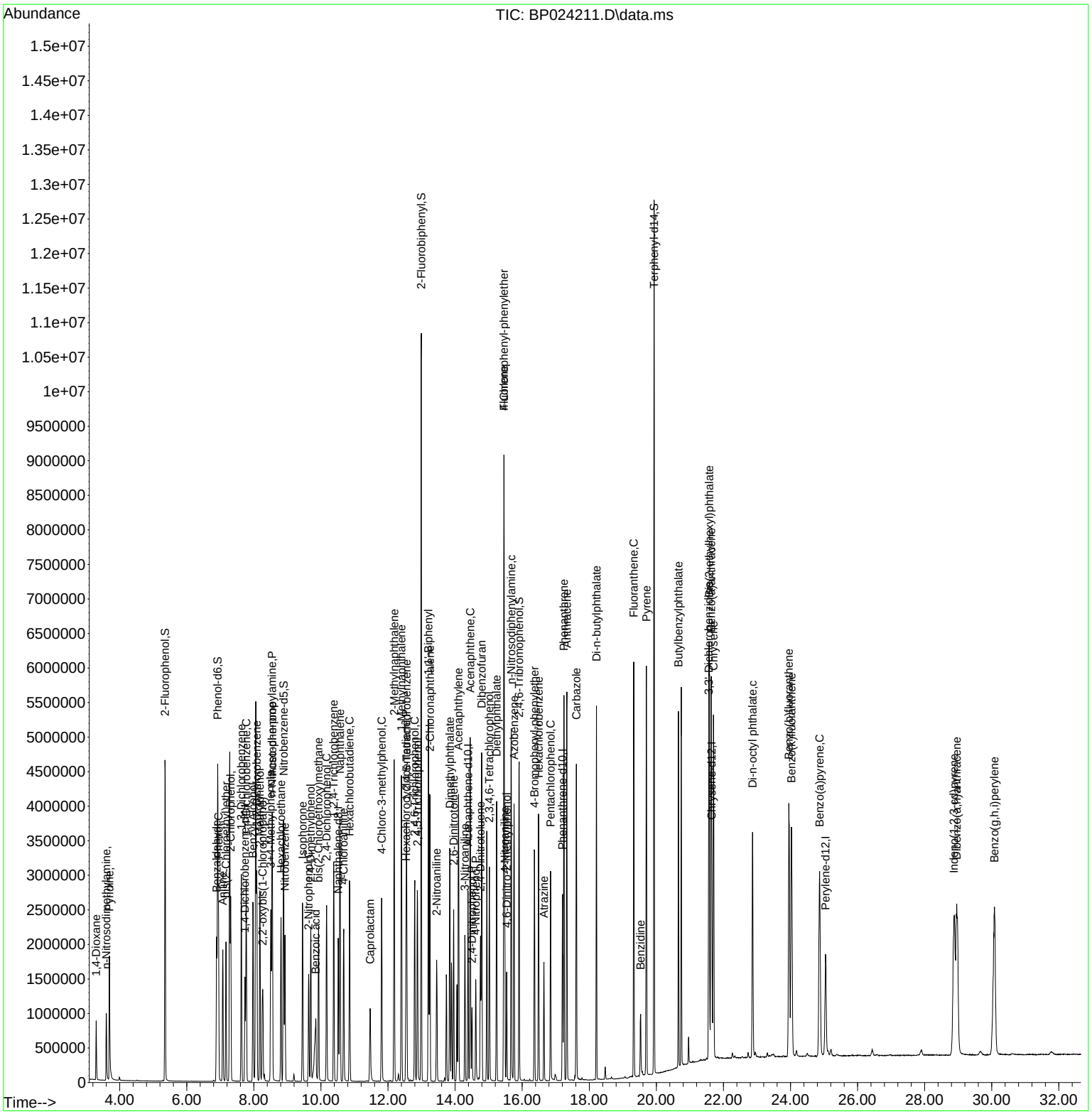
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	735015	41.234	ng	98
46) 1,1'-Biphenyl	13.204	154	2760283	41.516	ng	99
47) 2-Chloronaphthalene	13.252	162	2062992	41.252	ng	99
48) 2-Nitroaniline	13.451	65	545965	42.683	ng	95
49) Acenaphthylene	14.104	152	3148144	41.603	ng	100
50) Dimethylphthalate	13.846	163	2411403	38.950	ng	99
51) 2,6-Dinitrotoluene	13.957	165	524662	40.278	ng	100
52) Acenaphthene	14.451	154	1977936	40.910	ng	99
53) 3-Nitroaniline	14.293	138	549621	39.066	ng	96
54) 2,4-Dinitrophenol	14.504	184	263202	38.187	ng	96
55) Dibenzofuran	14.793	168	3145411	40.164	ng	99
56) 4-Nitrophenol	14.616	139	438355	37.289	ng	93
57) 2,4-Dinitrotoluene	14.757	165	675950	39.285	ng	98
58) Fluorene	15.457	166	2395113	39.253	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	615718	39.095	ng	99
60) Diethylphthalate	15.240	149	2380475	38.612	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1177747	39.353	ng	99
62) 4-Nitroaniline	15.481	138	550942	37.337	ng	98
63) Azobenzene	15.757	77	2396479	41.241	ng	99
65) 4,6-Dinitro-2-methylph...	15.540	198	355454	40.019	ng	98
66) n-Nitrosodiphenylamine	15.675	169	1960186	43.144	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	708196	43.113	ng	97
68) Hexachlorobenzene	16.493	284	817684	42.056	ng	100
69) Atrazine	16.651	200	299567	27.317	ng	99
70) Pentachlorophenol	16.845	266	526505	41.875	ng	99
71) Phenanthrene	17.245	178	3307863	40.470	ng	100
72) Anthracene	17.334	178	3265969	41.026	ng	100
73) Carbazole	17.616	167	3000148	39.079	ng	100
74) Di-n-butylphthalate	18.216	149	3586861	39.357	ng	99
75) Fluoranthene	19.328	202	3500245	36.976	ng	99
77) Benzidine	19.534	184	663514	46.154	ng	100
78) Pyrene	19.704	202	3629606	44.402	ng	99
80) Butylbenzylphthalate	20.657	149	1425388	42.284	ng	100
81) Benzo(a)anthracene	21.633	228	3412419	41.743	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	1139237	41.580	ng	100
83) Chrysene	21.704	228	3235178	41.167	ng	99
84) Bis(2-ethylhexyl)phtha...	21.575	149	2078574	40.864	ng	100
85) Di-n-octyl phthalate	22.869	149	3199932	39.264	ng	99
87) Indeno(1,2,3-cd)pyrene	28.874	276	4585755	44.328	ng	100
88) Benzo(b)fluoranthene	23.951	252	3630246	40.620	ng	98
89) Benzo(k)fluoranthene	24.027	252	3618543	41.392	ng	100
90) Benzo(a)pyrene	24.869	252	3196190	41.128	ng	99
91) Dibenzo(a,h)anthracene	28.957	278	3823023	44.420	ng	99
92) Benzo(g,h,i)perylene	30.080	276	3939846	45.033	ng	97

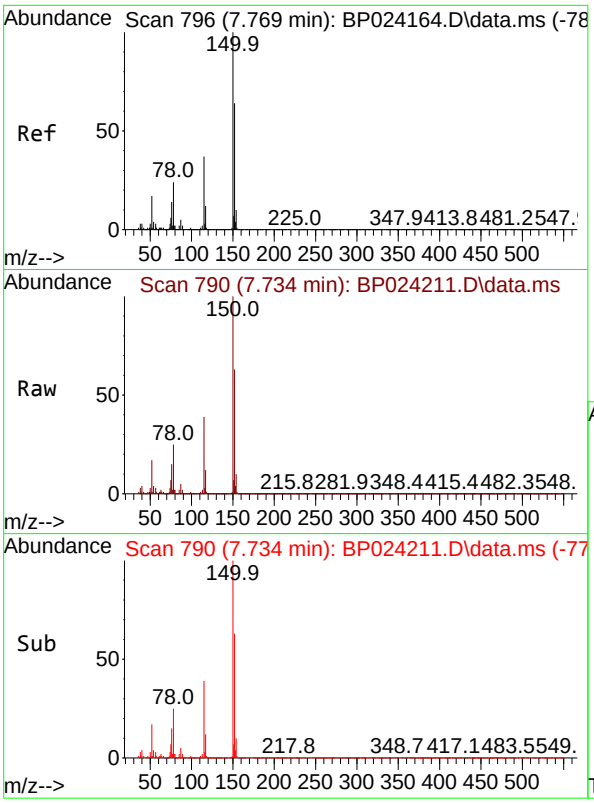
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Data File : BP024211.D
Acq On : 08 Apr 2025 13:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 08 14:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



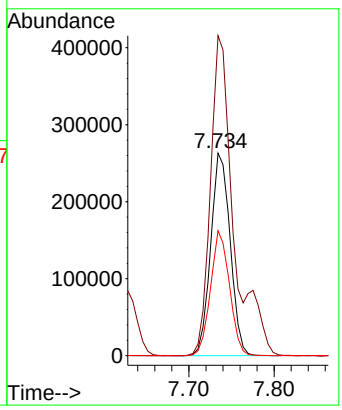


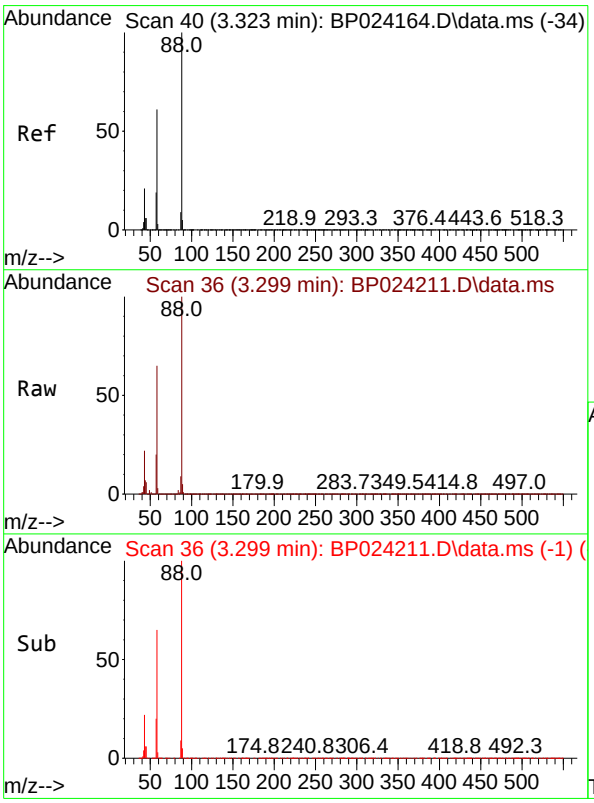
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 417672

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.5	188.3
115	61.7	46.3	69.5

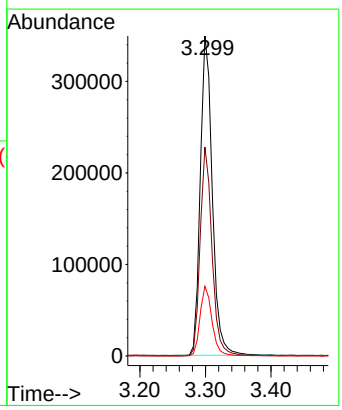


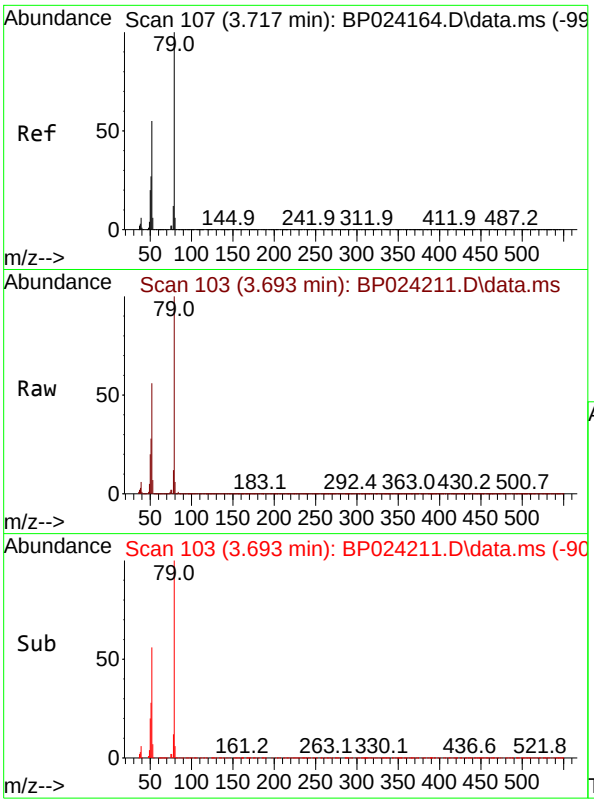


#2
1,4-Dioxane
Concen: 43.047 ng
RT: 3.299 min Scan# 36
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 88 Resp: 446474

Ion	Ratio	Lower	Upper
88	100		
58	64.5	49.8	74.6
43	21.6	17.3	25.9



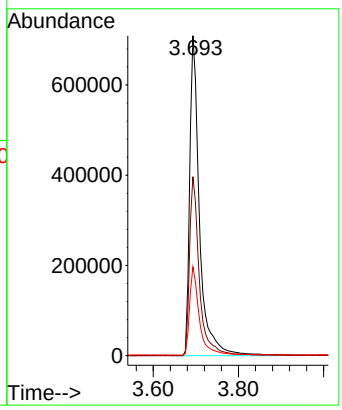


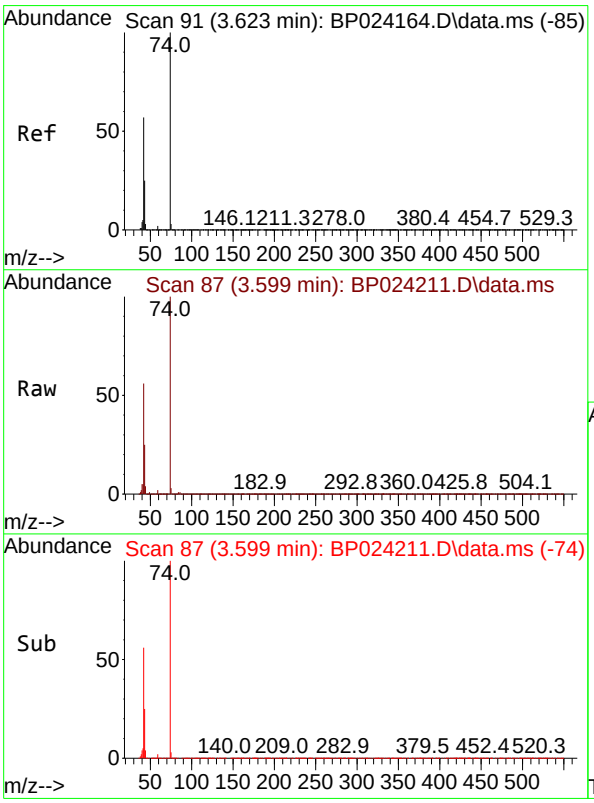
#3
Pyridine
Concen: 40.164 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1138803

Ion	Ratio	Lower	Upper
79	100		
52	56.0	43.8	65.8
51	27.8	21.6	32.4

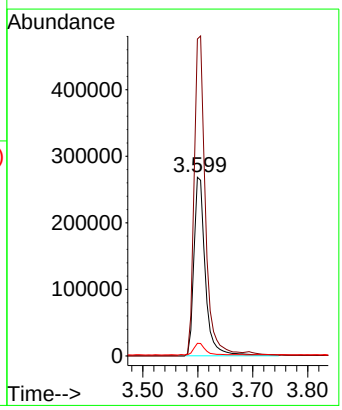


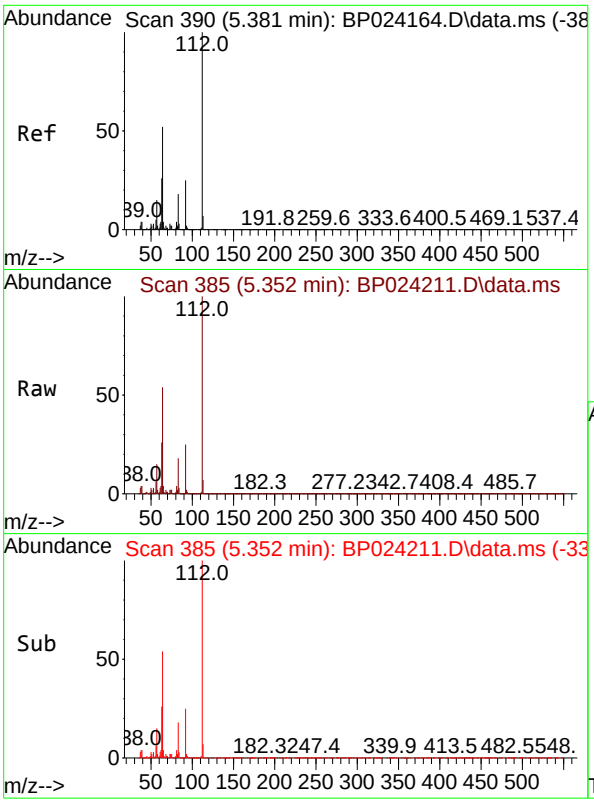


#4
n-Nitrosodimethylamine
Concen: 40.895 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 42 Resp: 387336

Ion	Ratio	Lower	Upper
42	100		
74	177.3	139.8	209.6
44	7.1	5.3	7.9



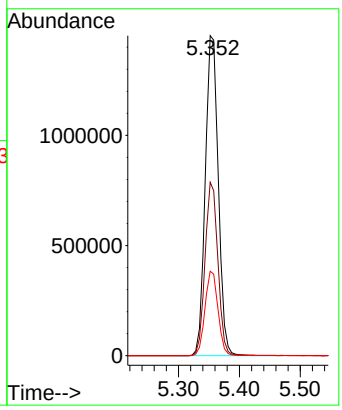


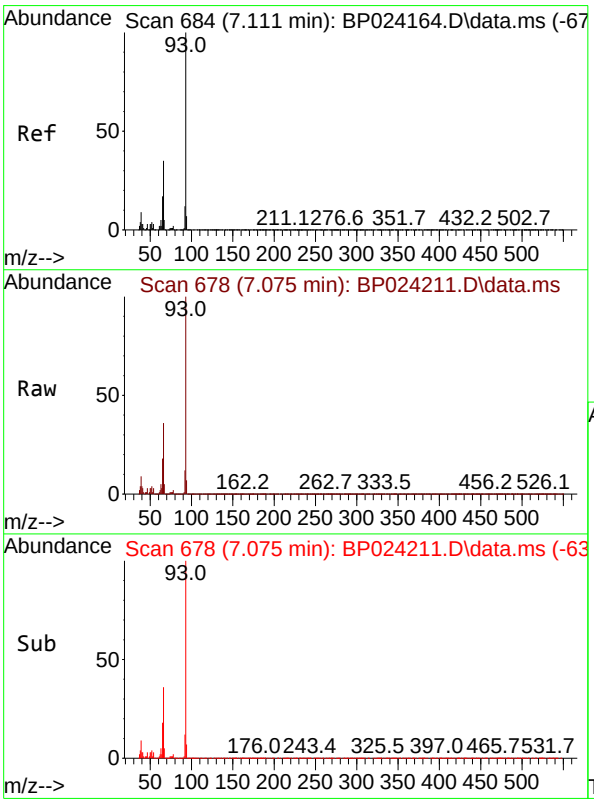
#5
2-Fluorophenol
Concen: 82.554 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2160051

Ion	Ratio	Lower	Upper
112	100		
64	54.2	41.3	61.9
63	26.4	20.6	31.0

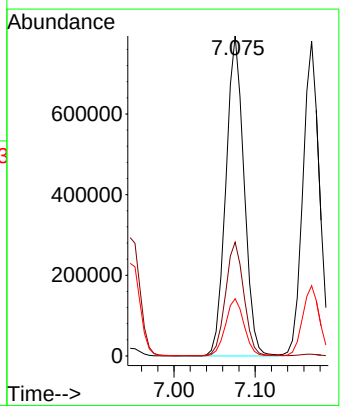


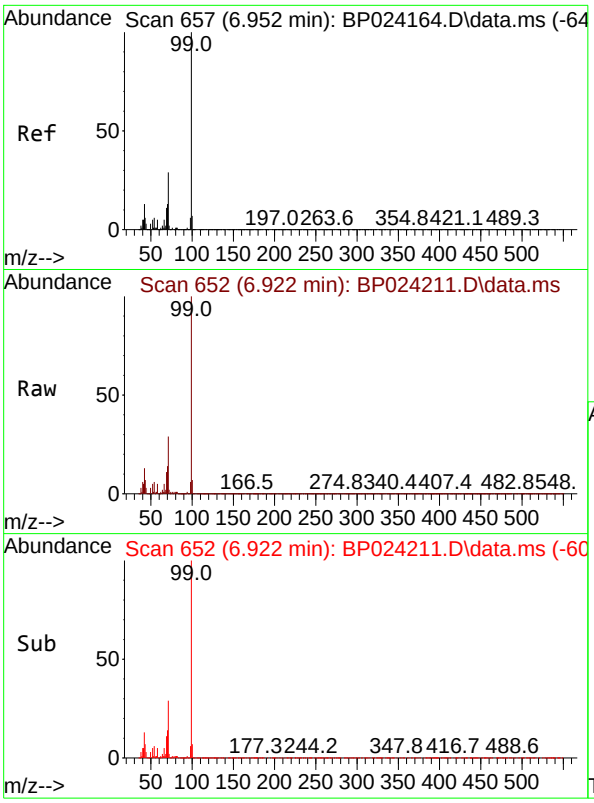


#6
Aniline
Concen: 38.677 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 93 Resp: 1232979

Ion	Ratio	Lower	Upper
93	100		
66	35.6	28.2	42.2
65	17.9	14.0	21.0



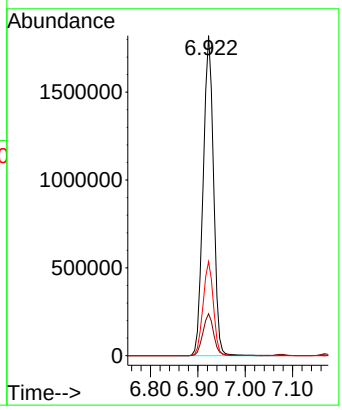


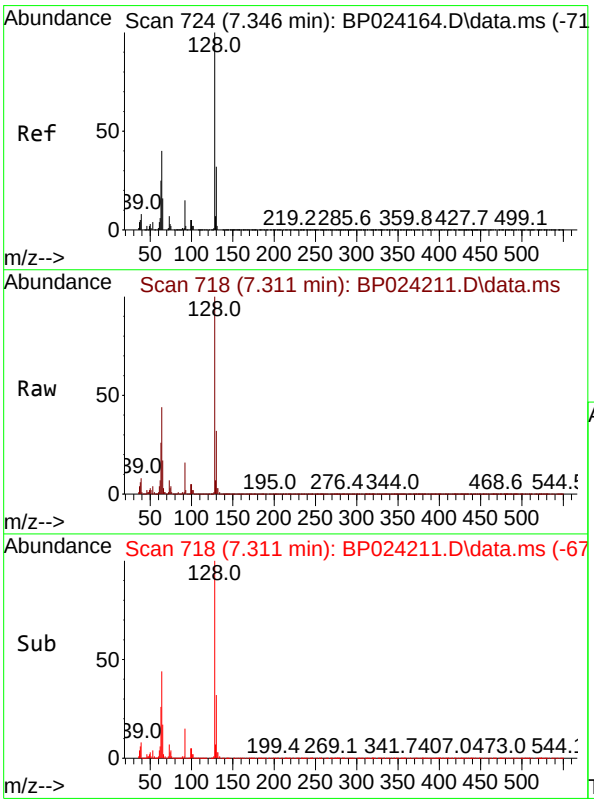
#7
Phenol-d6
Concen: 79.095 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2767509

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.4	23.3	34.9

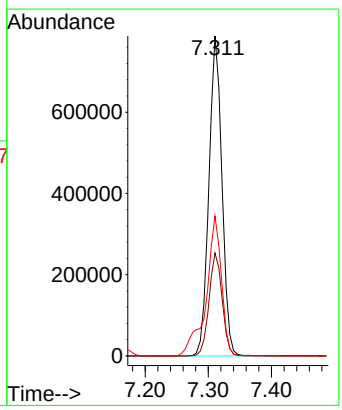


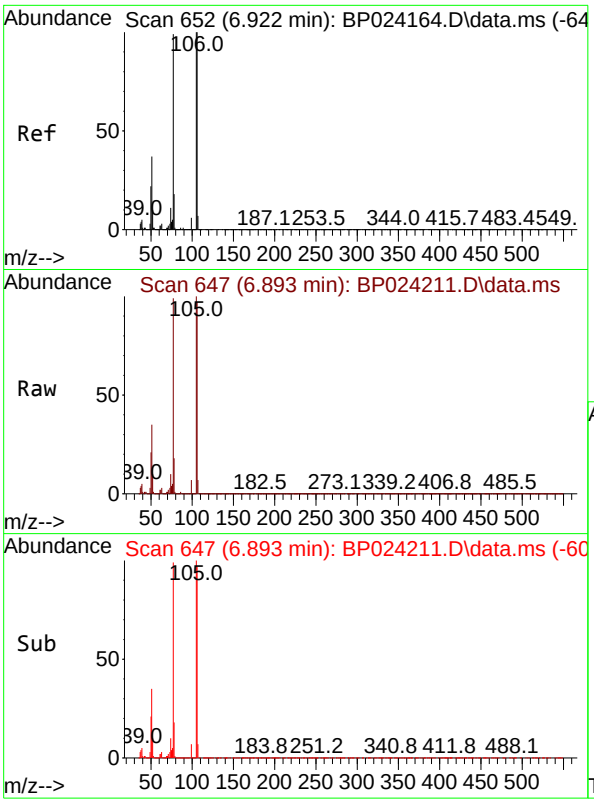


#8
2-Chlorophenol
Concen: 39.918 ng
RT: 7.311 min Scan# 718
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:128 Resp: 1128182

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	43.7	21.6	61.6



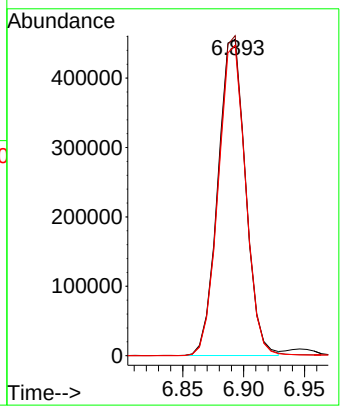


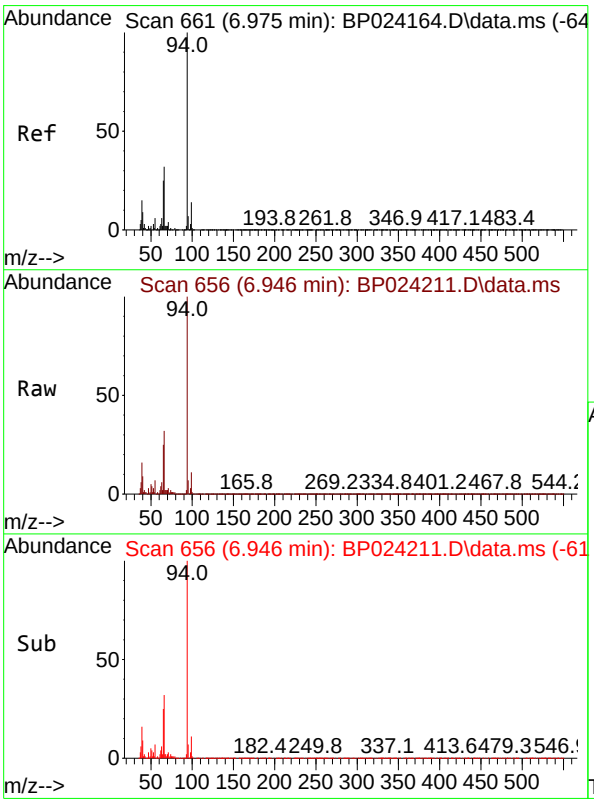
#9
Benzaldehyde
Concen: 42.530 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 718139

Ion	Ratio	Lower	Upper
77	100		
105	101.2	81.4	121.4
106	98.1	81.1	121.1

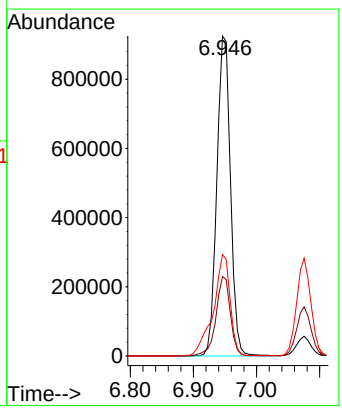


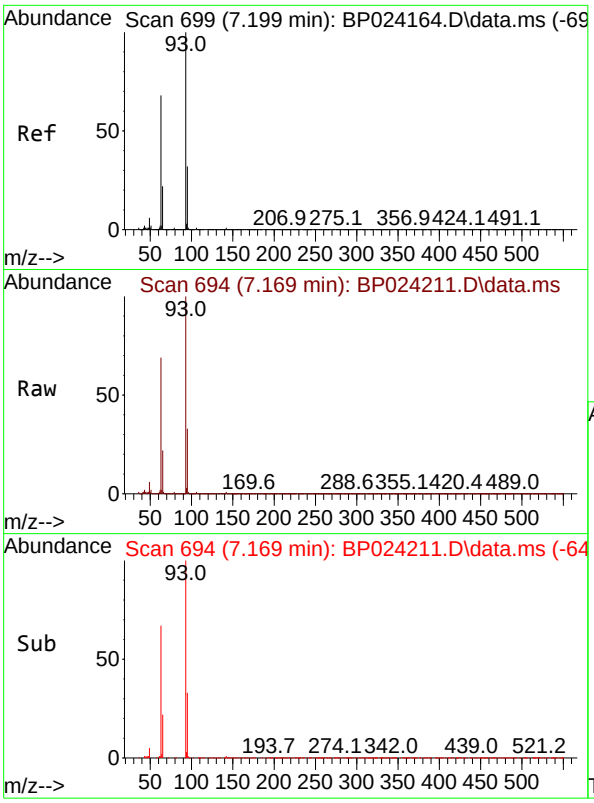


#10
Phenol
Concen: 39.401 ng
RT: 6.946 min Scan# 656
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 94 Resp: 1391750

Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.9	44.9
66	31.7	11.9	51.9



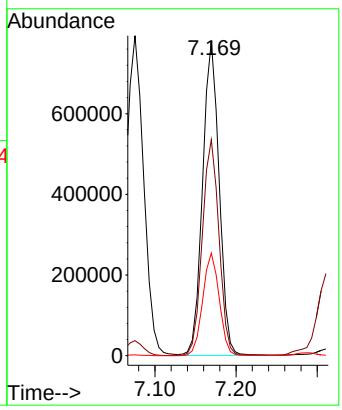


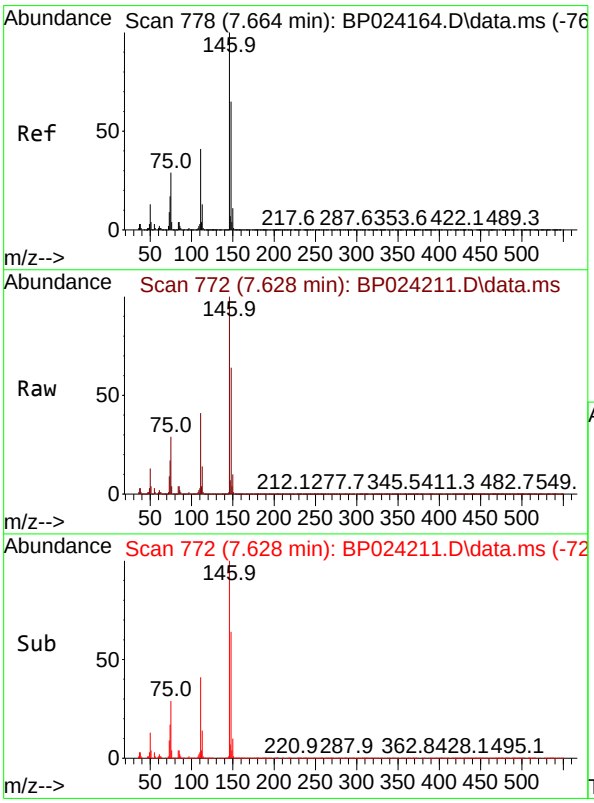
#11
bis(2-Chloroethyl)ether
Concen: 39.629 ng
RT: 7.169 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1103890

Ion	Ratio	Lower	Upper
93	100		
63	68.6	47.4	87.4
95	32.6	12.1	52.1

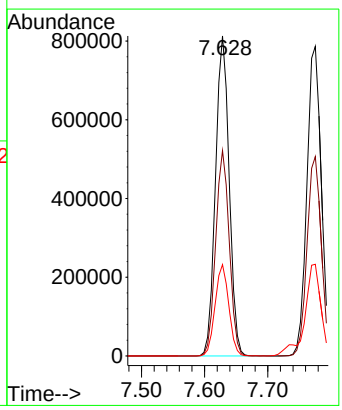


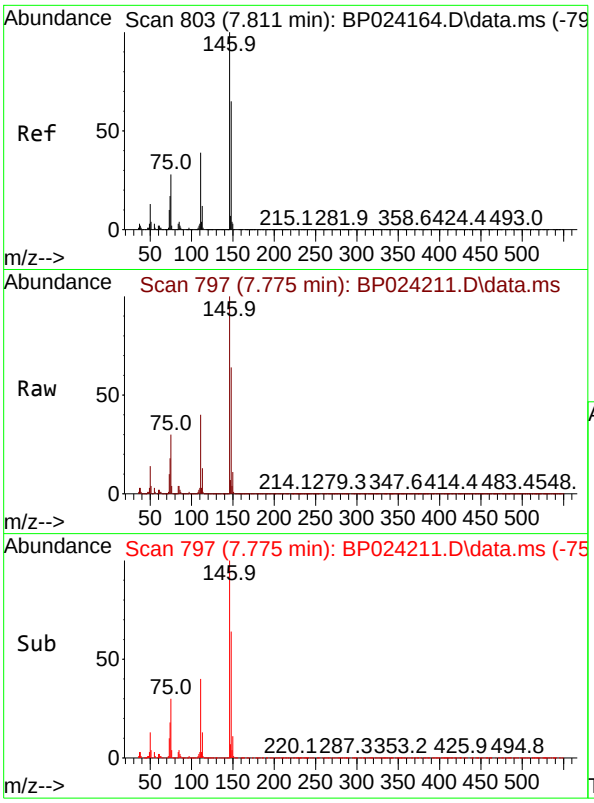


#12
1,3-Dichlorobenzene
Concen: 40.107 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:146 Resp: 1222363

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.5	22.8	34.2



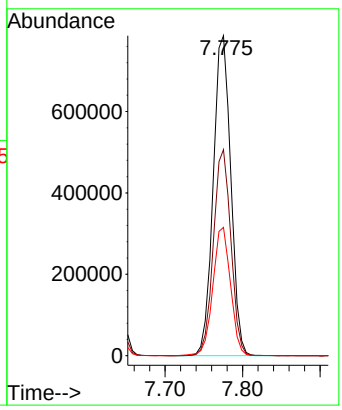


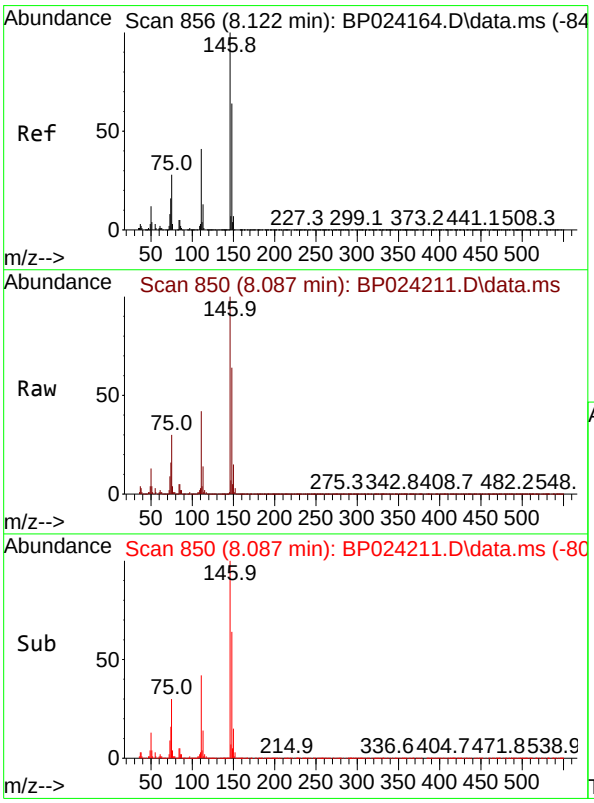
#13
1,4-Dichlorobenzene
Concen: 39.910 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1241956

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	40.1	31.4	47.2

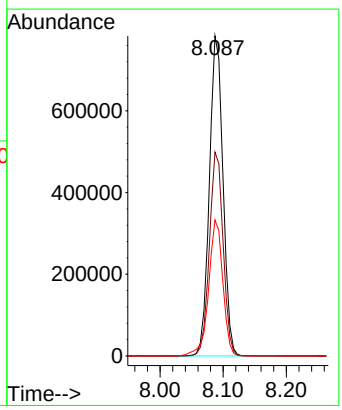


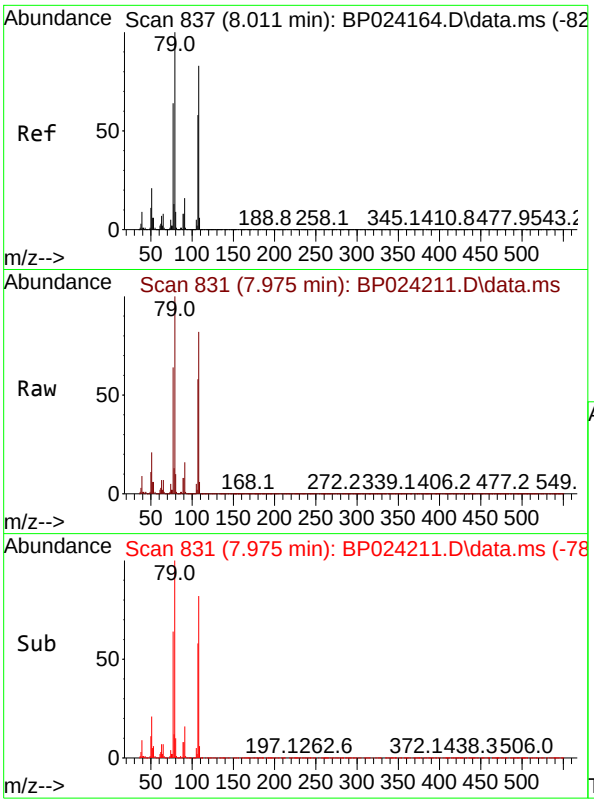


#14
1,2-Dichlorobenzene
Concen: 39.263 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:146 Resp: 1172482

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	42.5	33.2	49.8



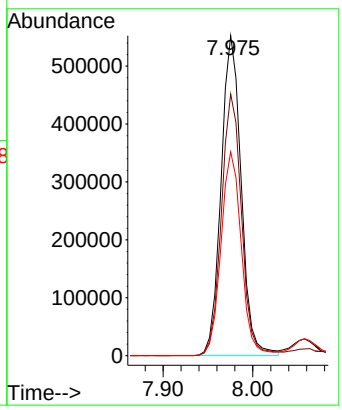


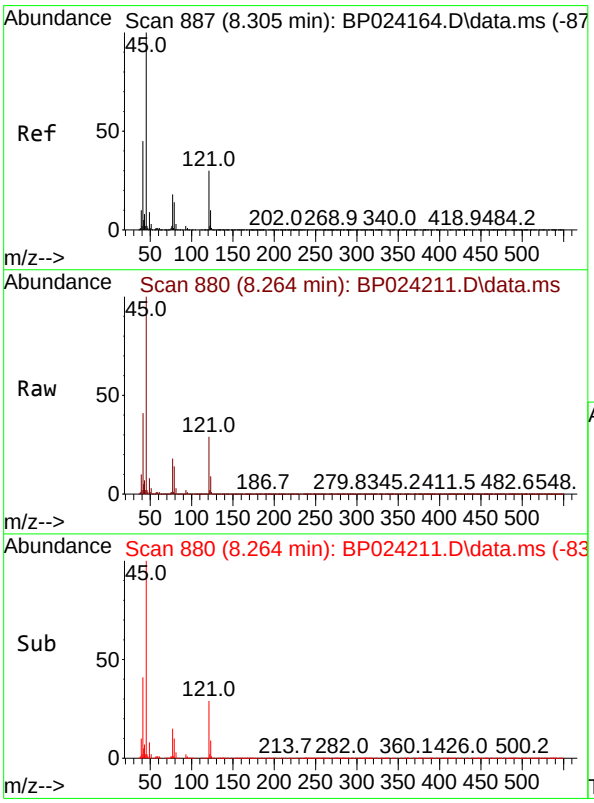
#15
Benzyl Alcohol
Concen: 38.780 ng
RT: 7.975 min Scan# 8
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 859059

Ion	Ratio	Lower	Upper
79	100		
108	81.8	66.5	99.7
77	63.7	50.9	76.3

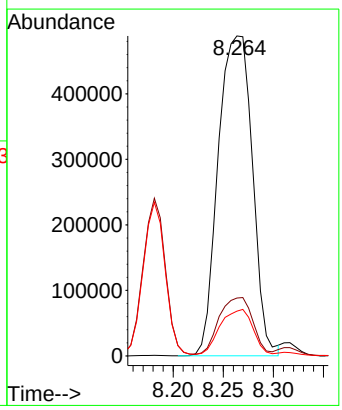


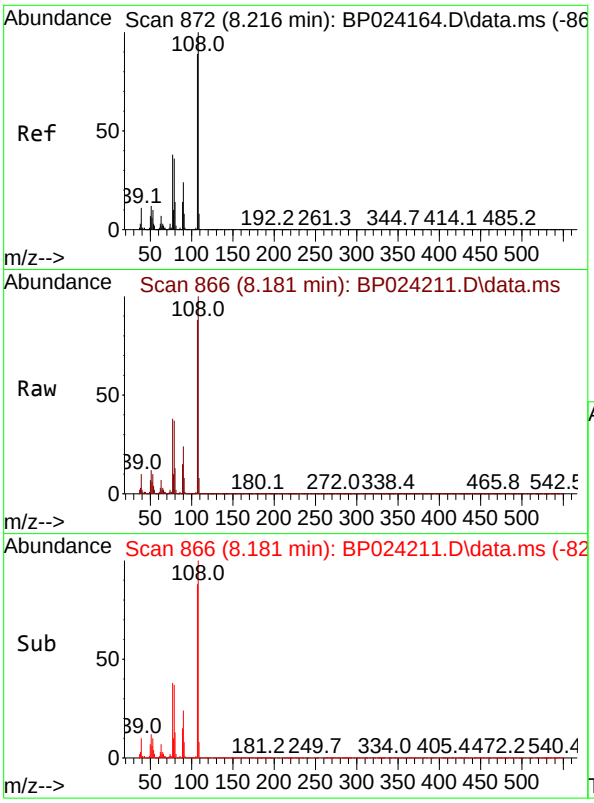


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.798 ng
RT: 8.264 min Scan# 880
Delta R.T. -0.041 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 45 Resp: 1159861

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	39.0
79	14.0	0.0	35.6



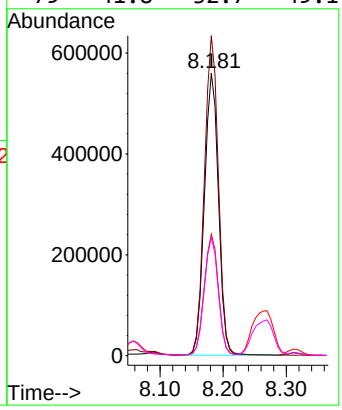


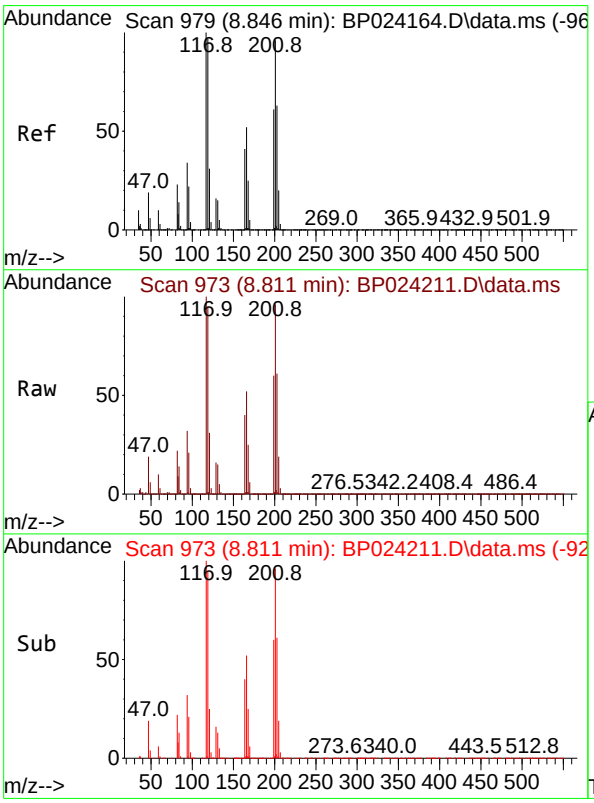
#17
2-Methylphenol
Concen: 38.925 ng
RT: 8.181 min Scan# 8
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 862191

Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.0	135.0
77	43.0	34.0	51.0
79	41.8	32.7	49.1

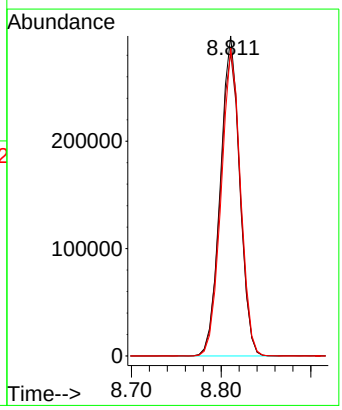


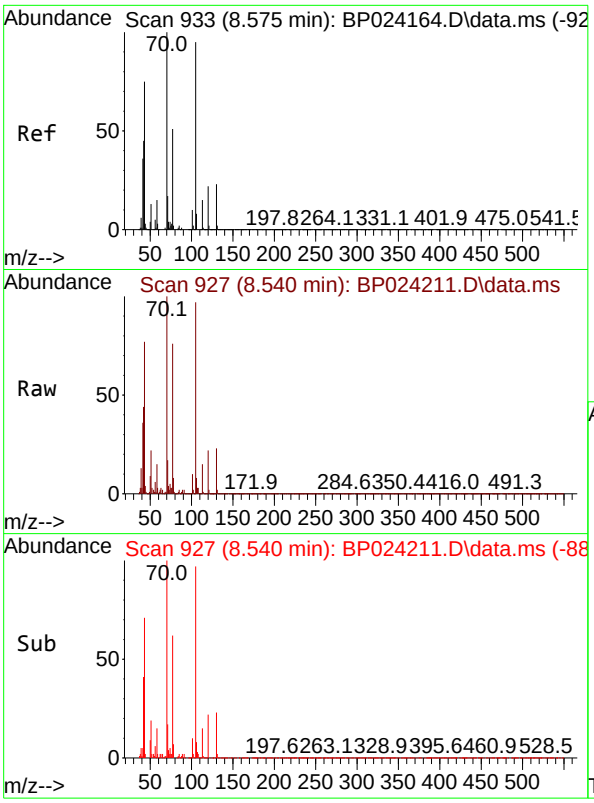


#18
Hexachloroethane
Concen: 40.550 ng
RT: 8.811 min Scan# 973
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:117 Resp: 447680

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	96.2	76.6	114.8



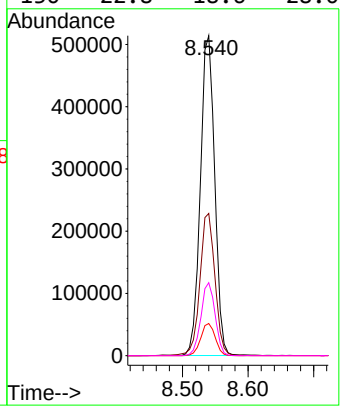


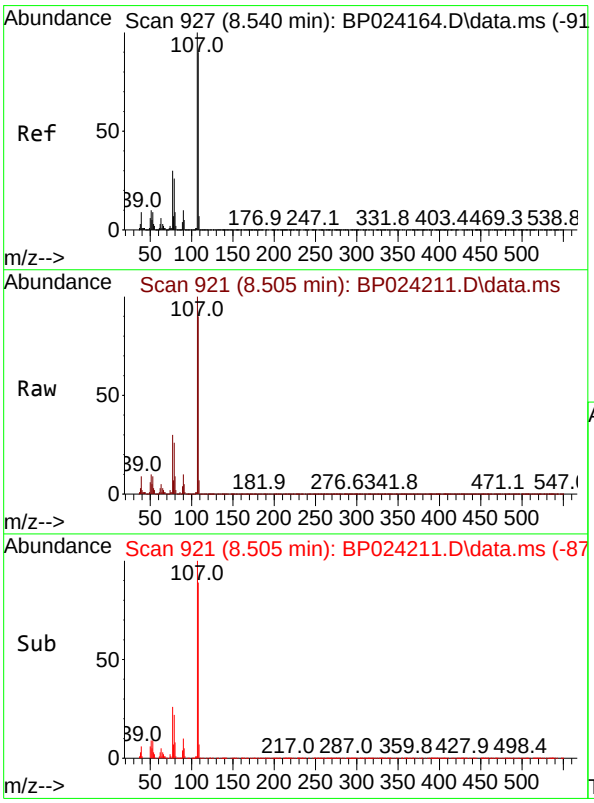
#19
n-Nitroso-di-n-propylamine
Concen: 38.622 ng
RT: 8.540 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 783983

Ion	Ratio	Lower	Upper
70	100		
42	44.5	36.0	54.0
101	10.0	8.3	12.5
130	22.8	18.6	28.0

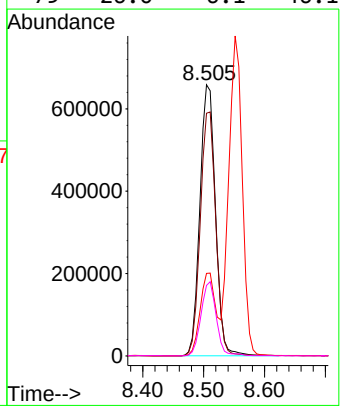


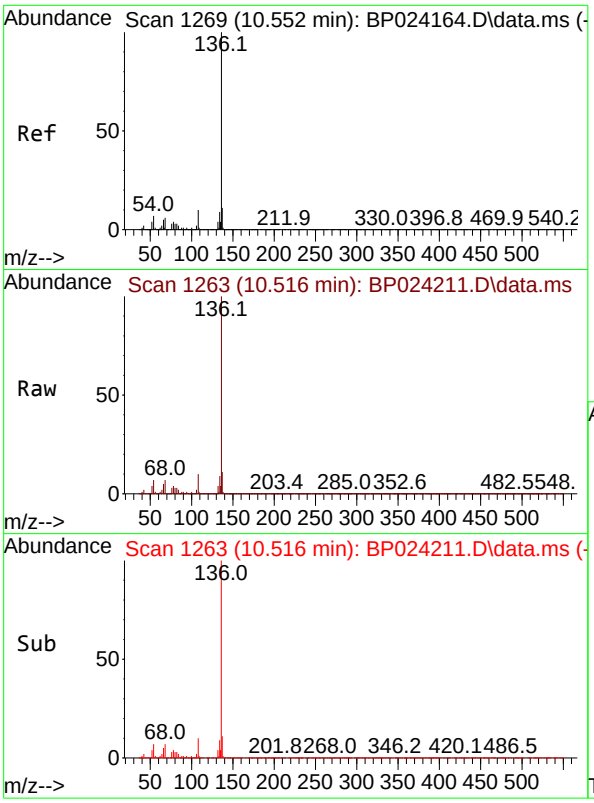


#20
3+4-Methylphenols
Concen: 38.565 ng
RT: 8.505 min Scan# 921
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:107 Resp: 1173563

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.7	109.7
77	30.5	10.3	50.3
79	26.0	6.1	46.1



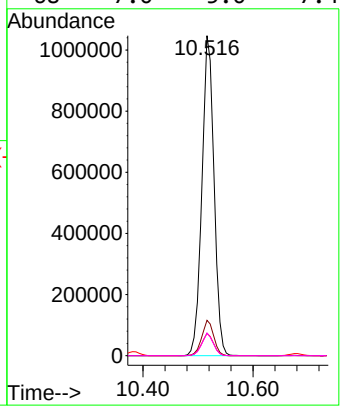


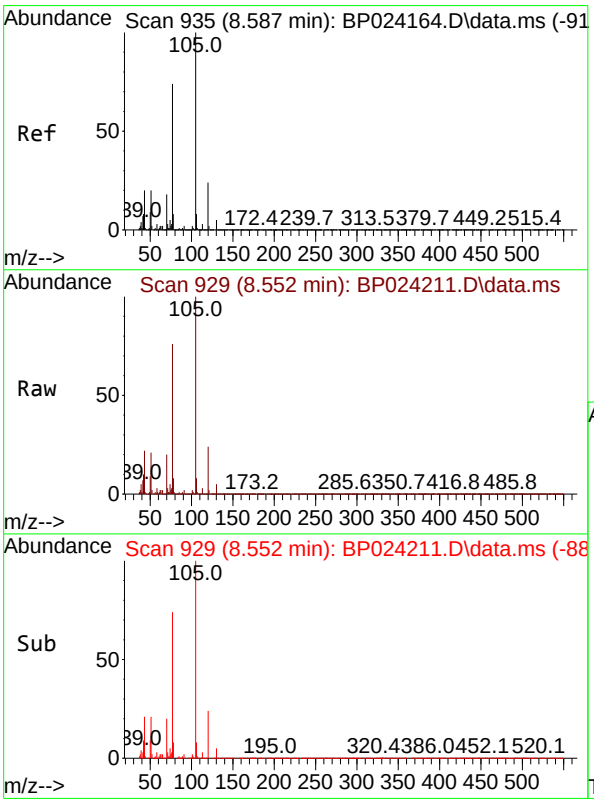
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1599401

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.3	7.9
68	7.0	5.0	7.4

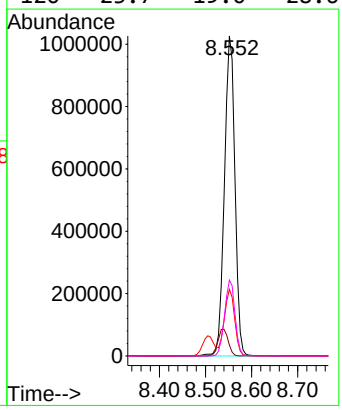


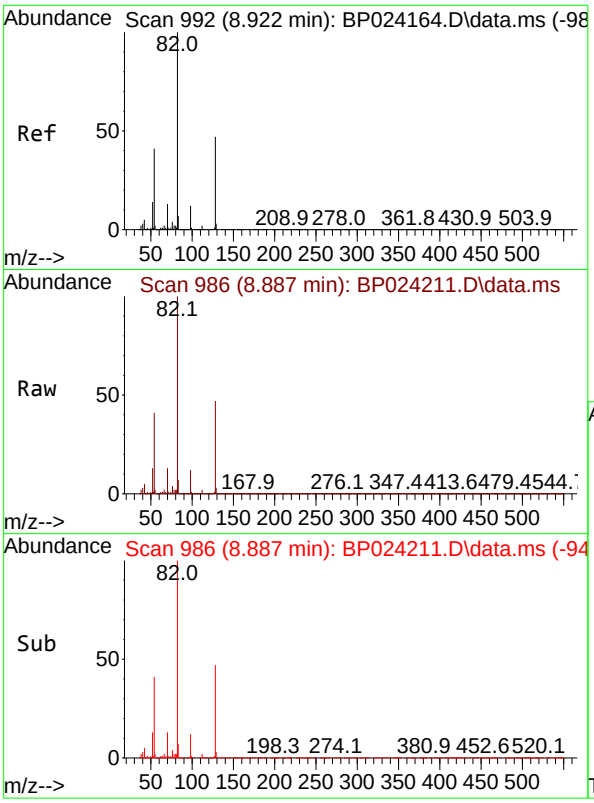


#22
Acetophenone
Concen: 40.130 ng
RT: 8.552 min Scan# 929
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:105 Resp: 1622693

Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.4	3.6
51	20.9	16.2	24.2
120	23.7	19.0	28.6



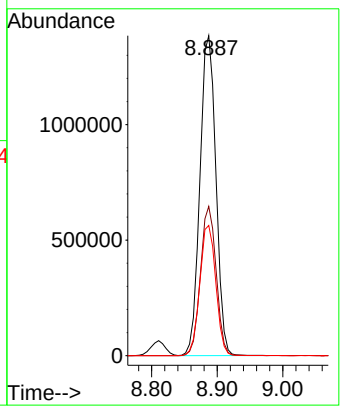


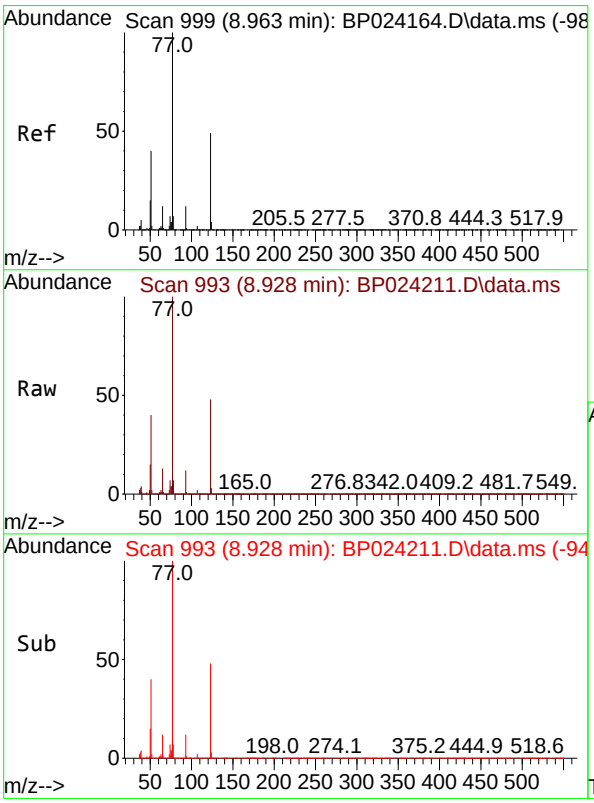
#23
Nitrobenzene-d5
Concen: 82.938 ng
RT: 8.887 min Scan# 9
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2351089

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	40.7	32.5	48.7

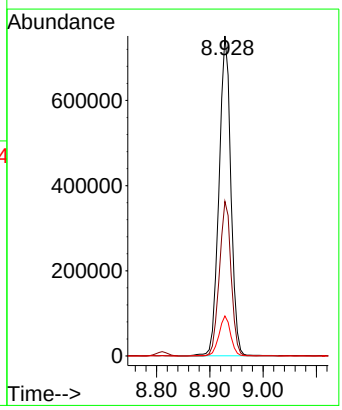


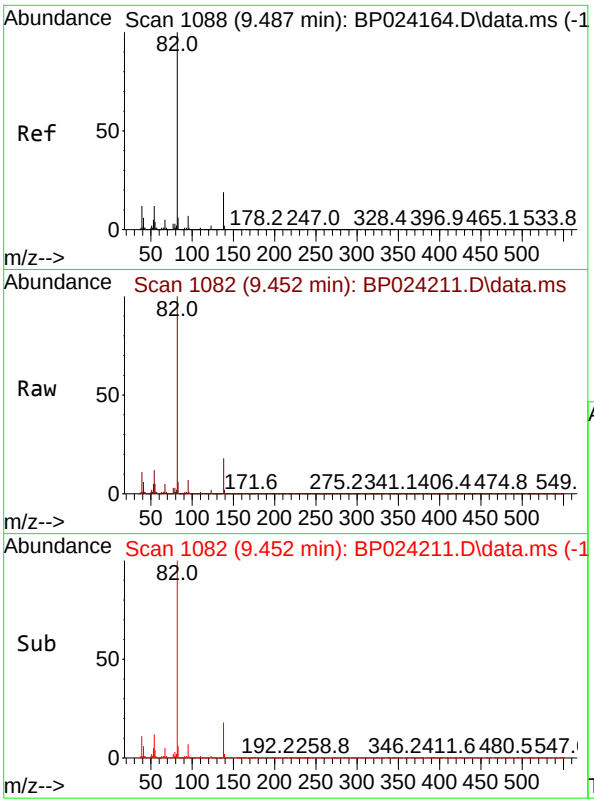


#24
Nitrobenzene
Concen: 41.315 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 77 Resp: 1155357

Ion	Ratio	Lower	Upper
77	100		
123	48.3	39.4	59.2
65	12.5	9.9	14.9



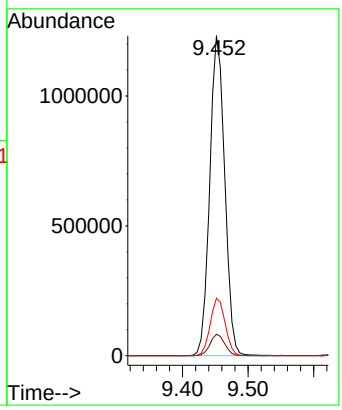


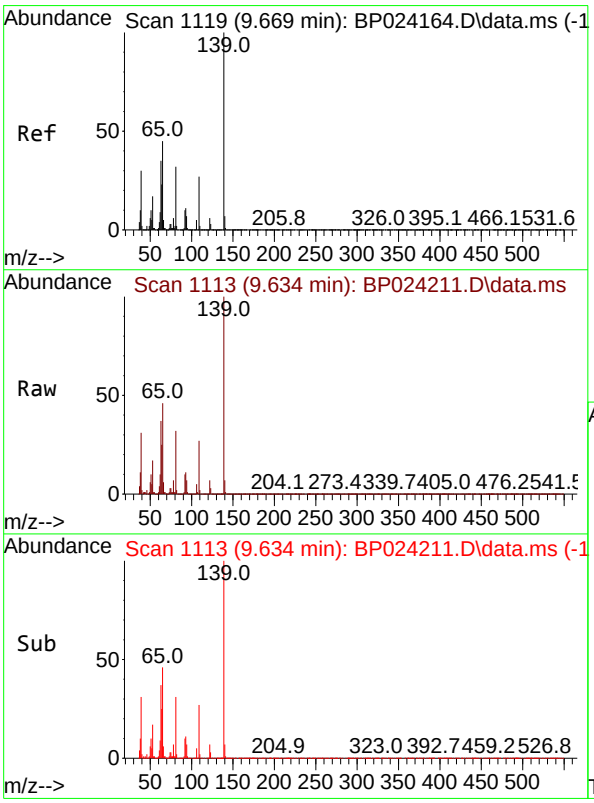
#25
Isophorone
Concen: 40.232 ng
RT: 9.452 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1954970

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.9	14.8	22.2

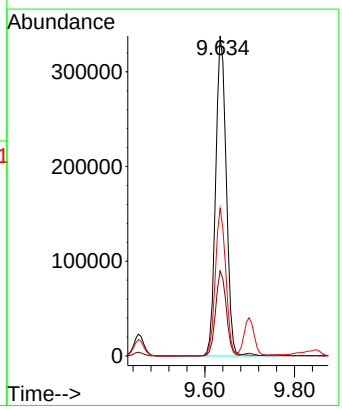


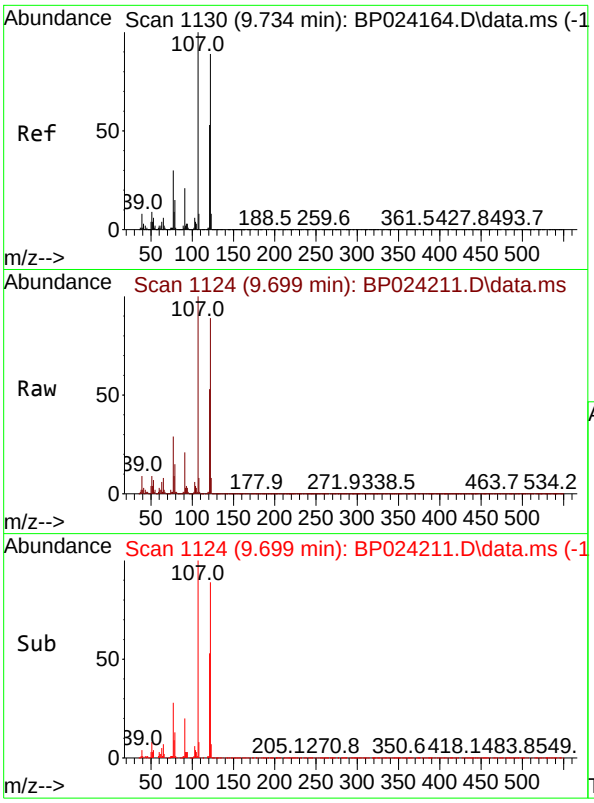


#26
2-Nitrophenol
Concen: 41.396 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:139 Resp: 552969

Ion	Ratio	Lower	Upper
139	100		
109	26.6	21.7	32.5
65	46.2	35.8	53.8



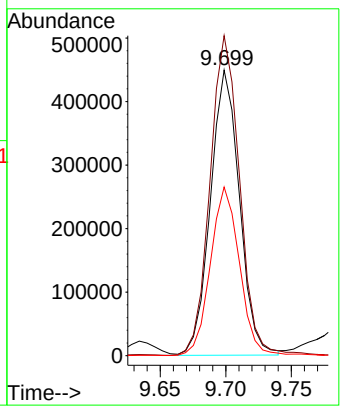


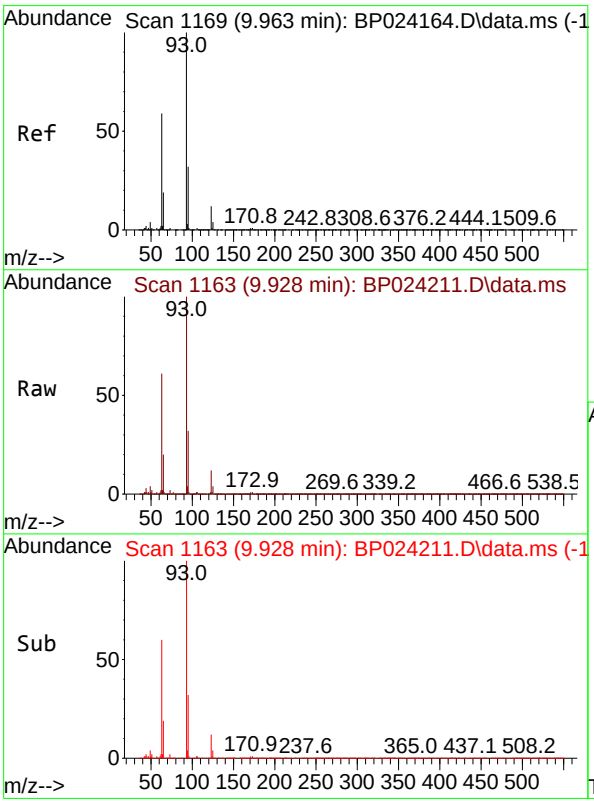
#27
2,4-Dimethylphenol
Concen: 40.194 ng
RT: 9.699 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 690386

Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.3	133.9
121	59.0	47.5	71.3

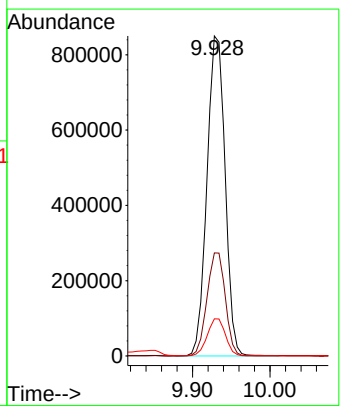


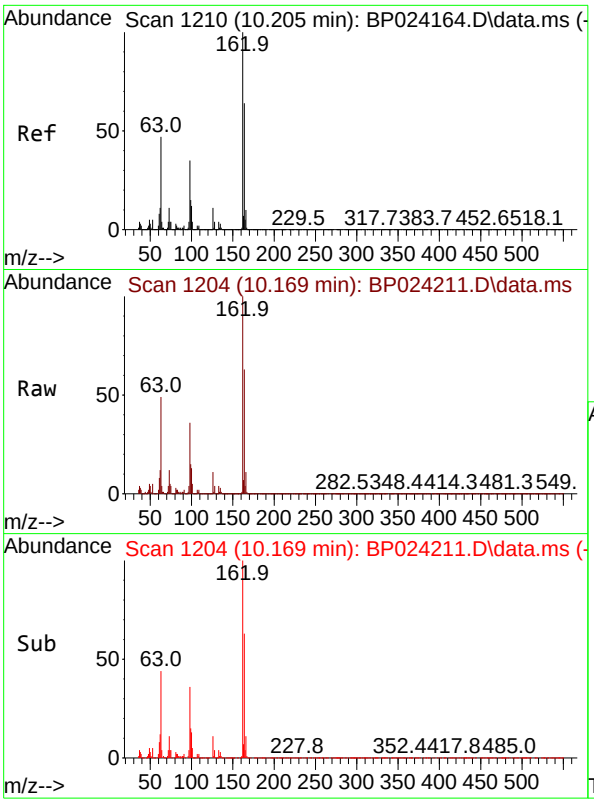


#28
bis(2-Chloroethoxy)methane
Concen: 40.436 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 93 Resp: 1382312

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	11.6	9.5	14.3



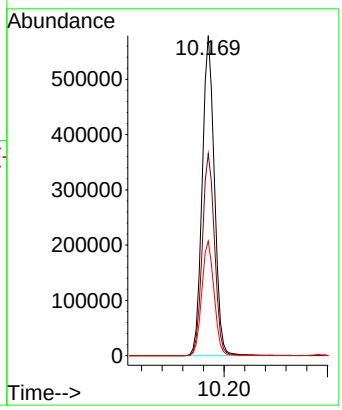


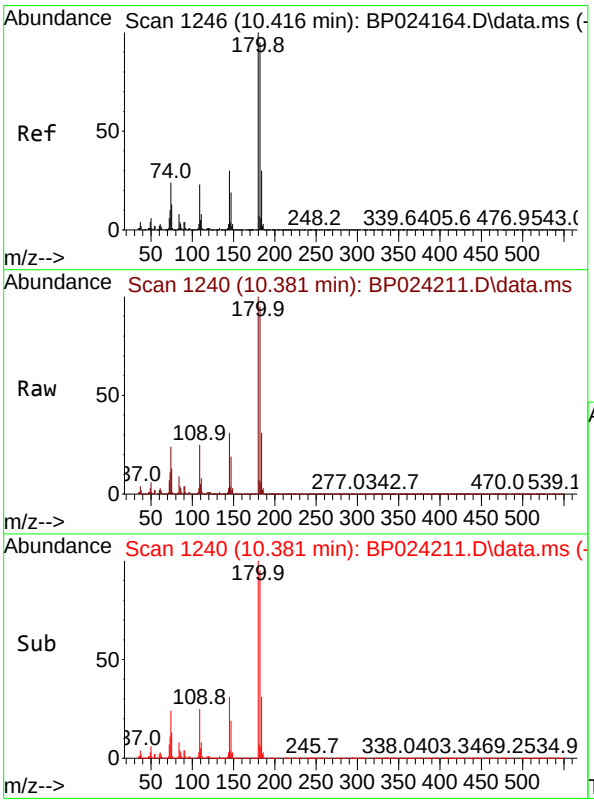
#29
2,4-Dichlorophenol
Concen: 40.695 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 945582

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.2	84.2
98	35.8	15.1	55.1

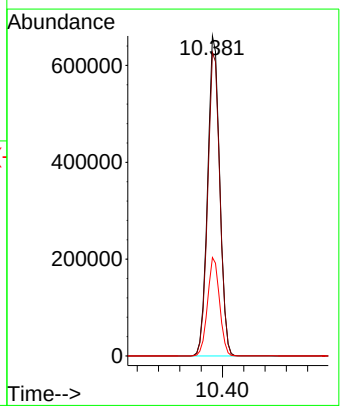


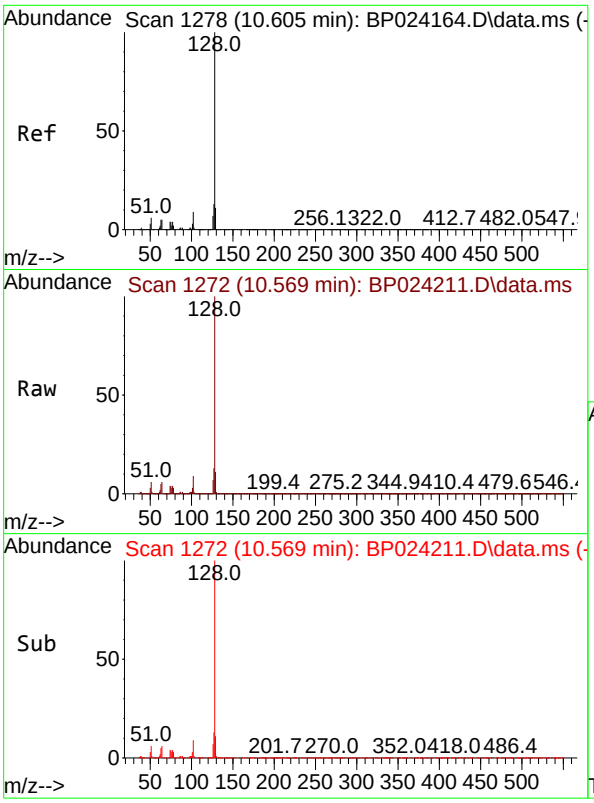


#30
1,2,4-Trichlorobenzene
Concen: 40.425 ng
RT: 10.381 min Scan# 1240
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:180 Resp: 1037774

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	30.8	24.2	36.2



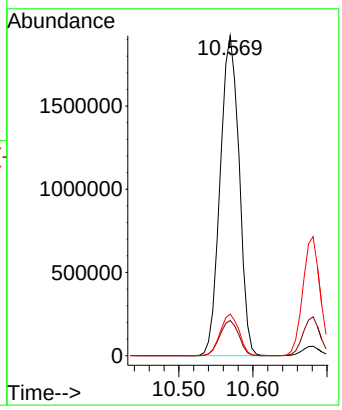


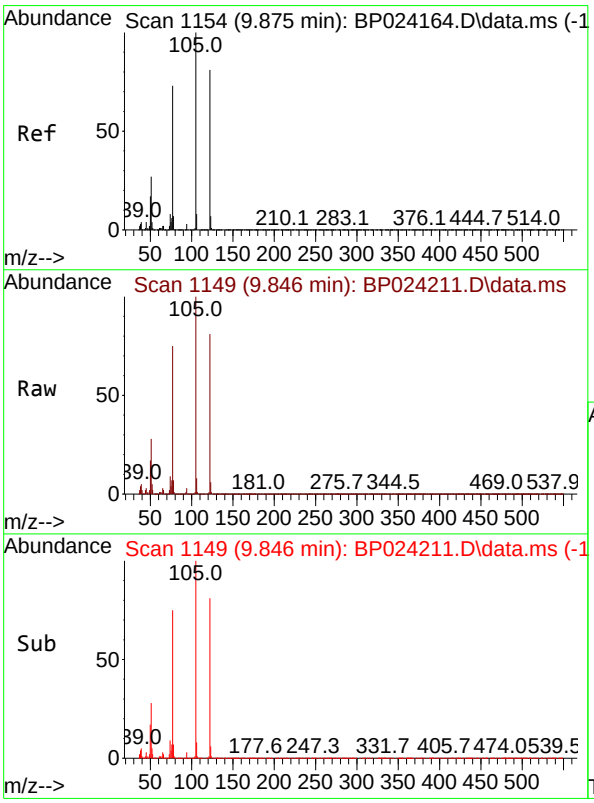
#31
Naphthalene
Concen: 40.209 ng
RT: 10.569 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3408979

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6

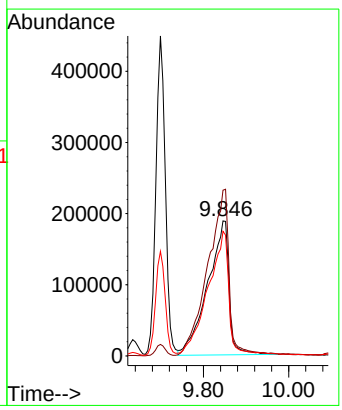


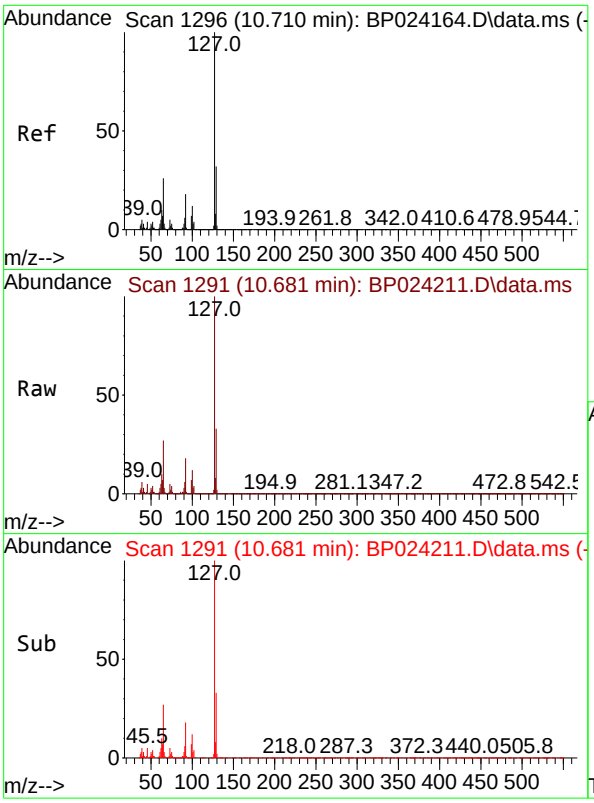


#32
Benzoic acid
Concen: 38.975 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:122 Resp: 652890

Ion	Ratio	Lower	Upper
122	100		
105	122.8	100.3	140.3
77	92.4	69.1	109.1



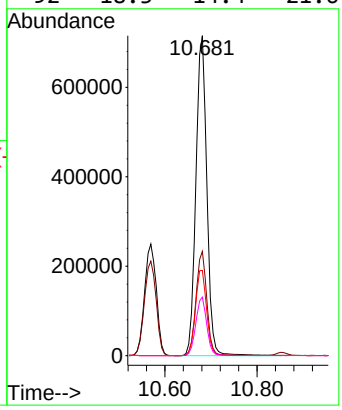


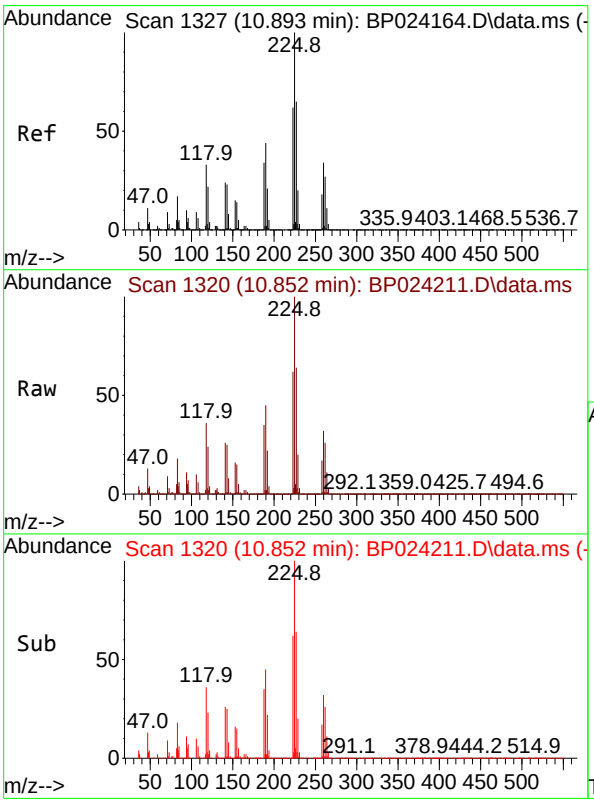
#33
4-Chloroaniline
Concen: 38.833 ng
RT: 10.681 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1178228

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	26.7	21.2	31.8
92	18.3	14.4	21.6

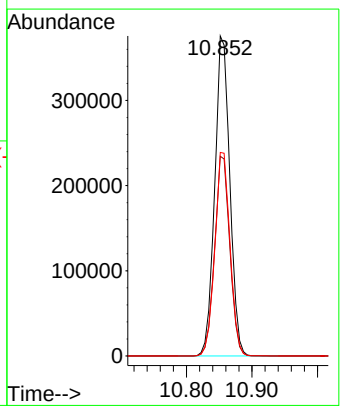


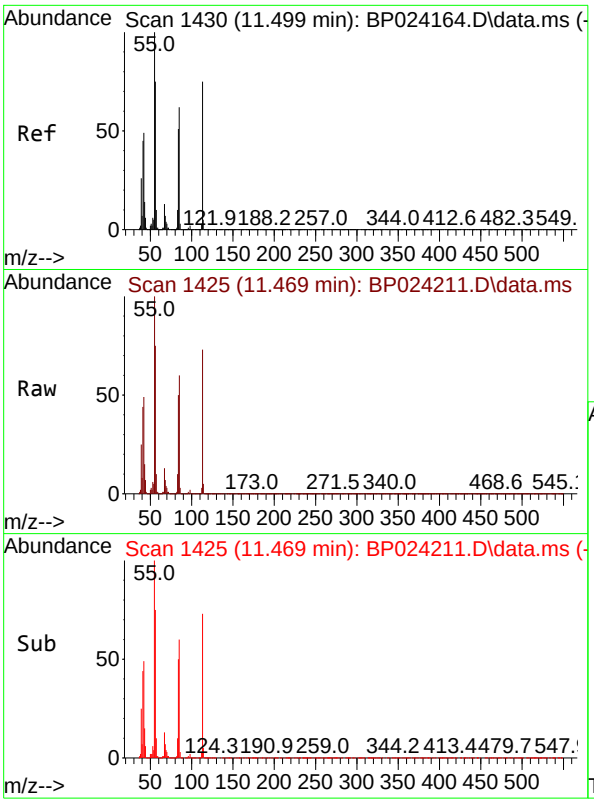


#34
Hexachlorobutadiene
Concen: 40.450 ng
RT: 10.852 min Scan# 1320
Delta R.T. -0.041 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:225 Resp: 597628

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.6	52.2	78.2



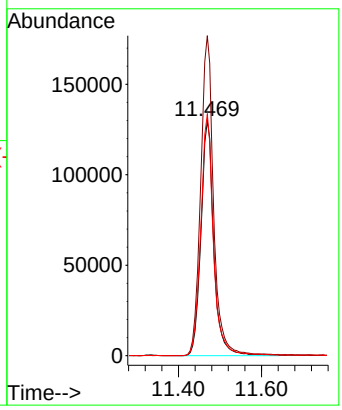


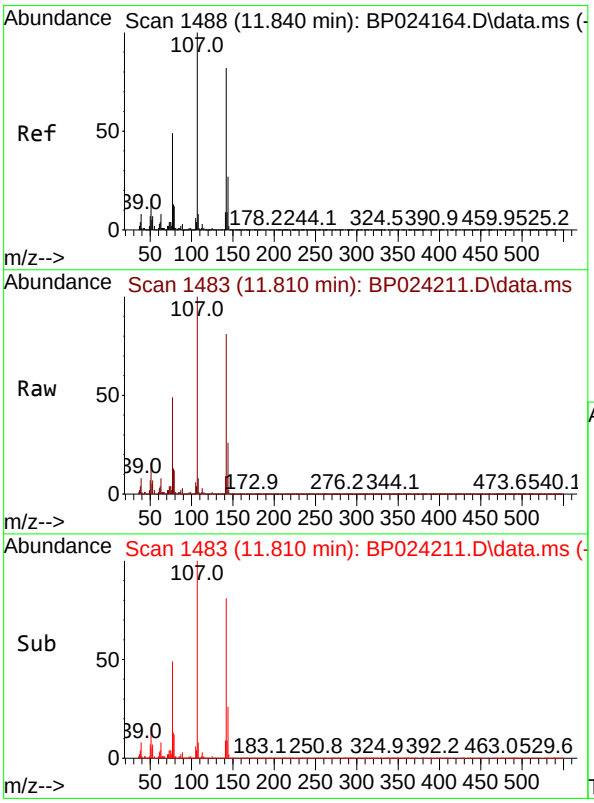
#35
Caprolactam
Concen: 36.348 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 276797

Ion	Ratio	Lower	Upper
113	100		
55	136.2	113.6	153.6
56	102.8	80.0	120.0

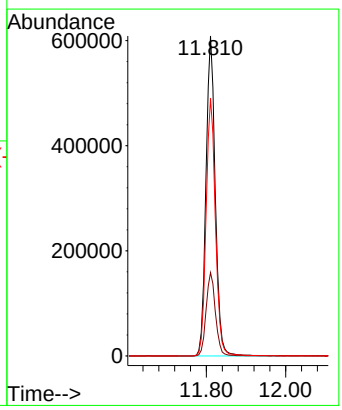


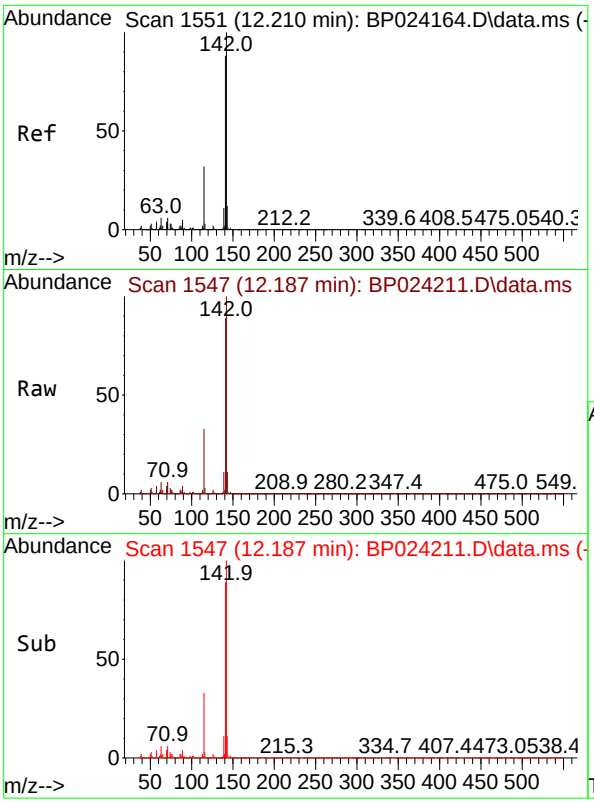


#36
4-Chloro-3-methylphenol
Concen: 39.442 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:107 Resp: 988672

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.6	32.4
142	80.5	65.4	98.0



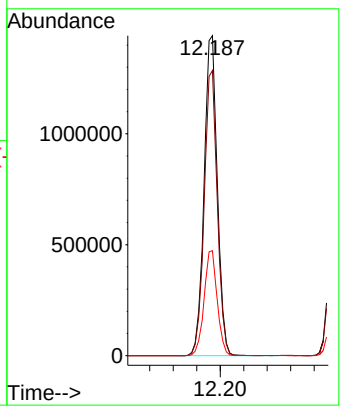


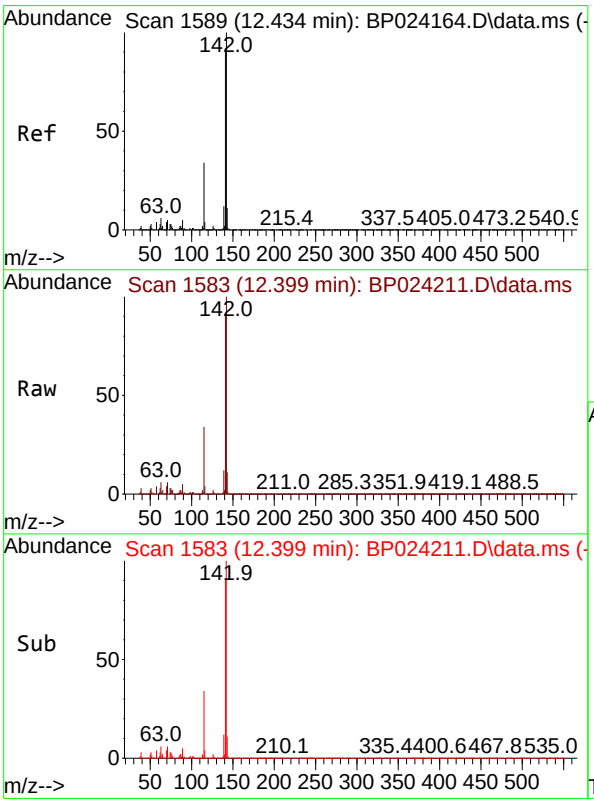
#37
2-Methylnaphthalene
Concen: 39.235 ng
RT: 12.187 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2247240

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	32.8	26.0	39.0

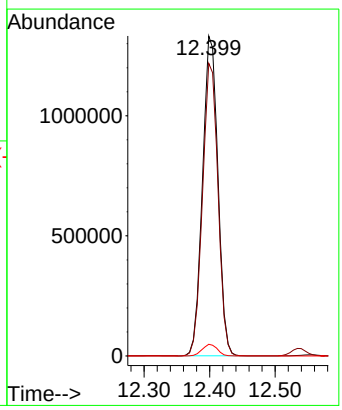


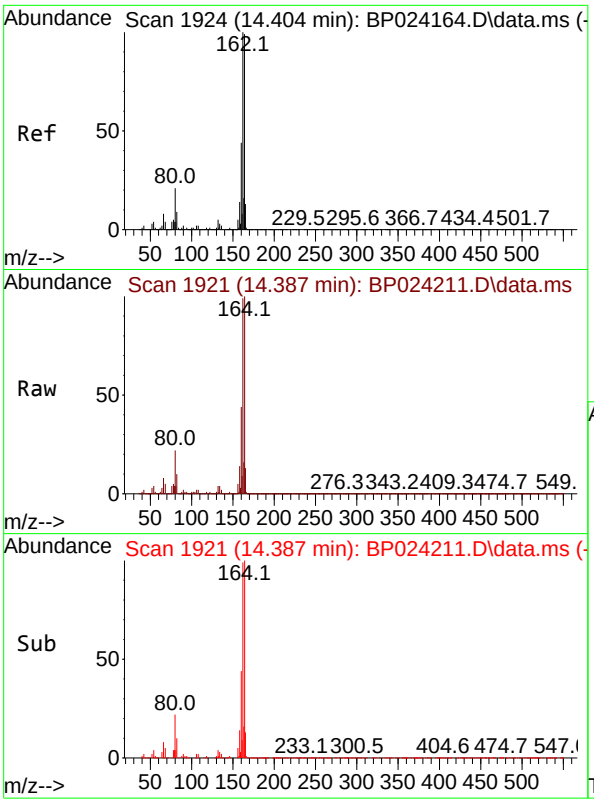


#38
1-Methylnaphthalene
Concen: 39.157 ng
RT: 12.399 min Scan# 1583
Delta R.T. -0.035 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:142 Resp: 2181412

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.7	2.8	4.2



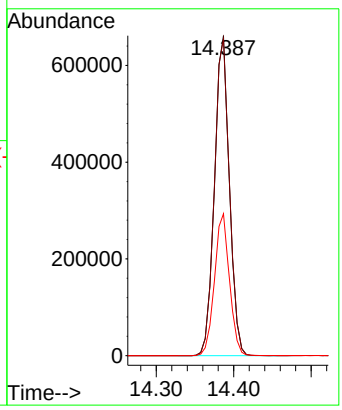


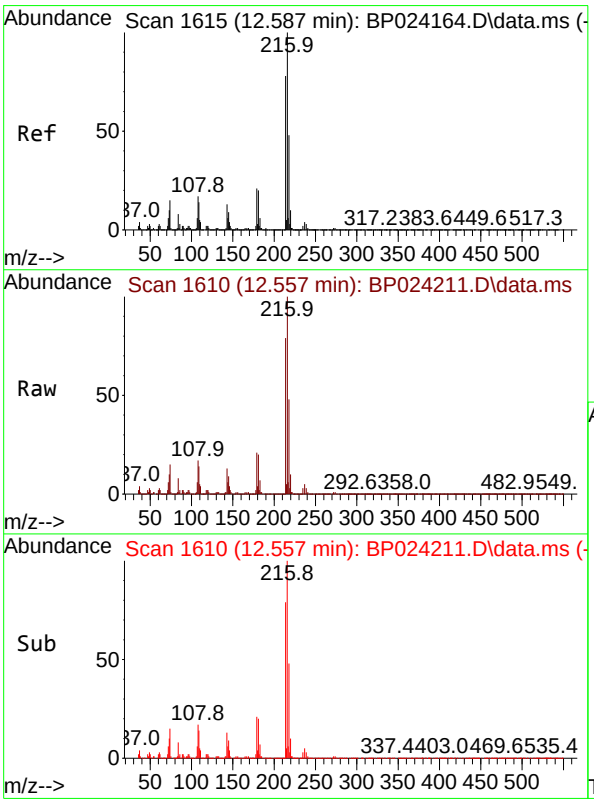
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 884782

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	121.0
160	44.4	35.4	53.2

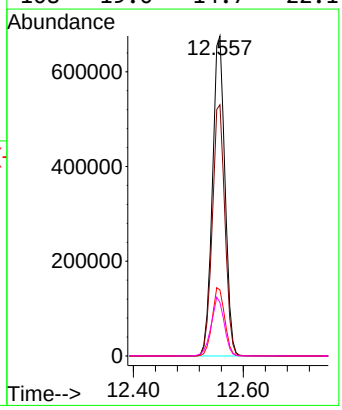


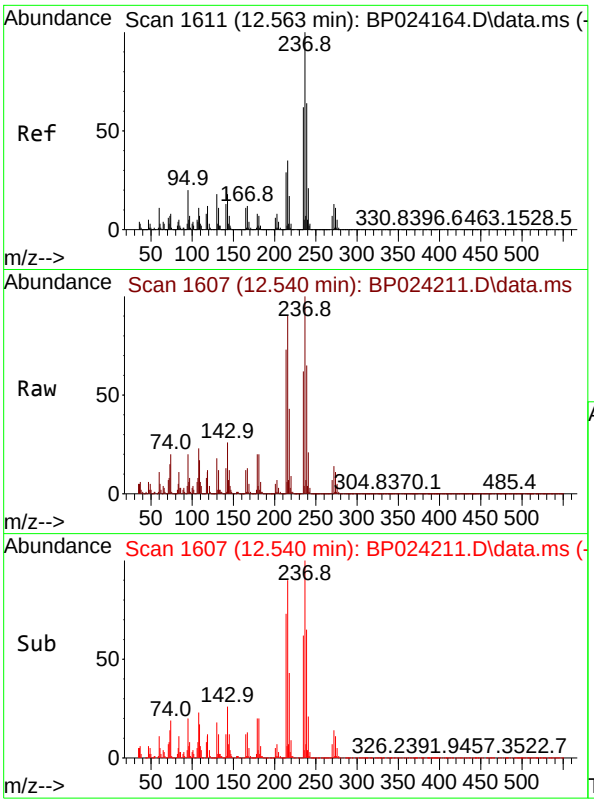


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.799 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:216 Resp: 1069066

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.8	94.2
179	21.3	16.8	25.2
108	19.0	14.7	22.1



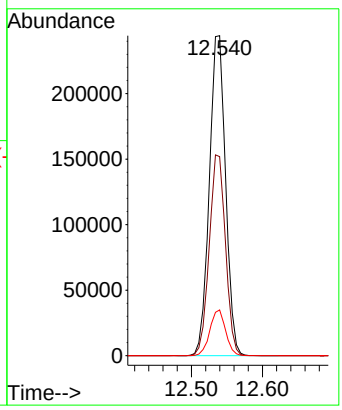


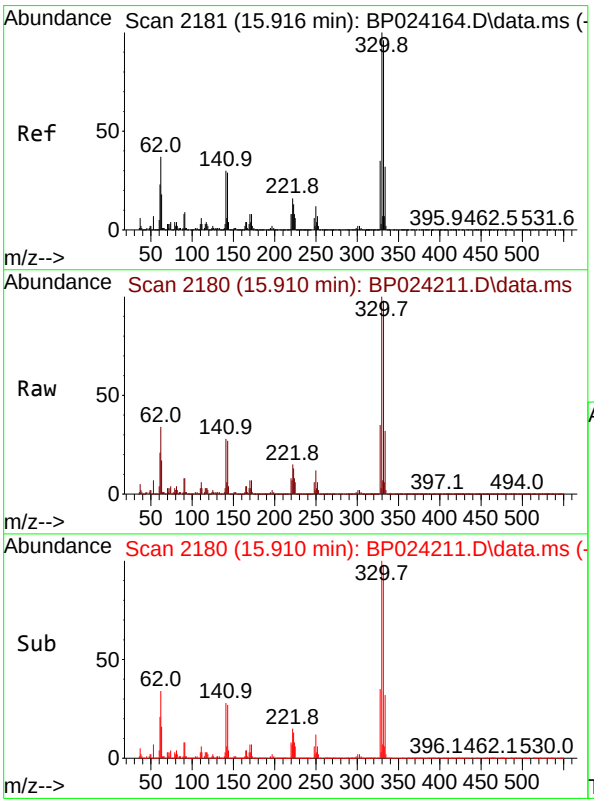
#41
Hexachlorocyclopentadiene
Concen: 42.069 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 387852

Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.8	81.8
272	14.3	0.0	33.5

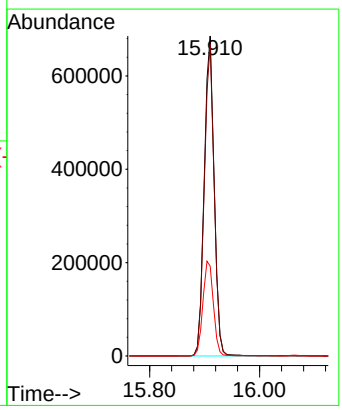


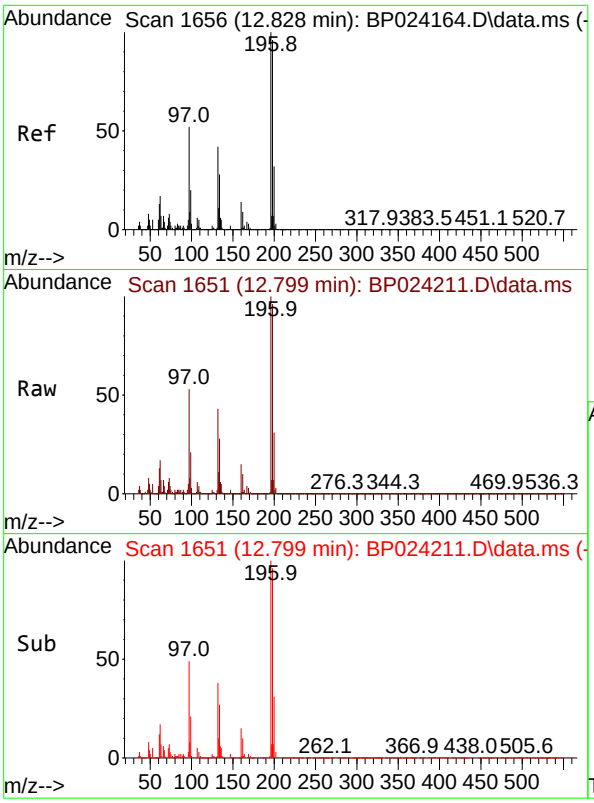


#42
2,4,6-Tribromophenol
Concen: 76.789 ng
RT: 15.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:330 Resp: 855806

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	31.5	25.0	37.6



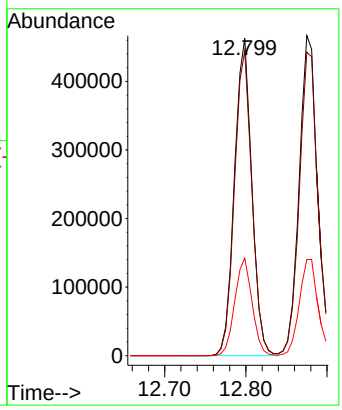


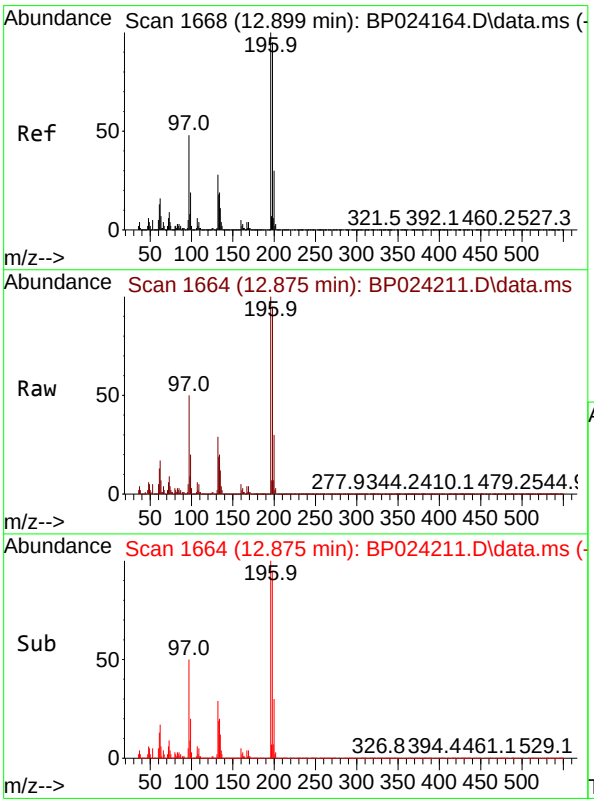
#43
2,4,6-Trichlorophenol
Concen: 42.283 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 687273

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	115.0
200	30.8	25.4	38.0

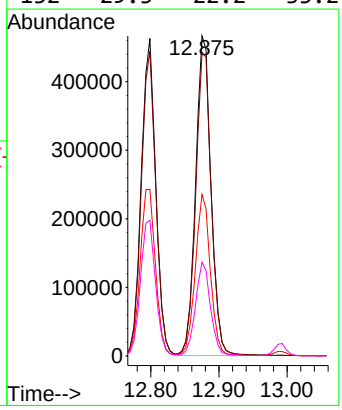


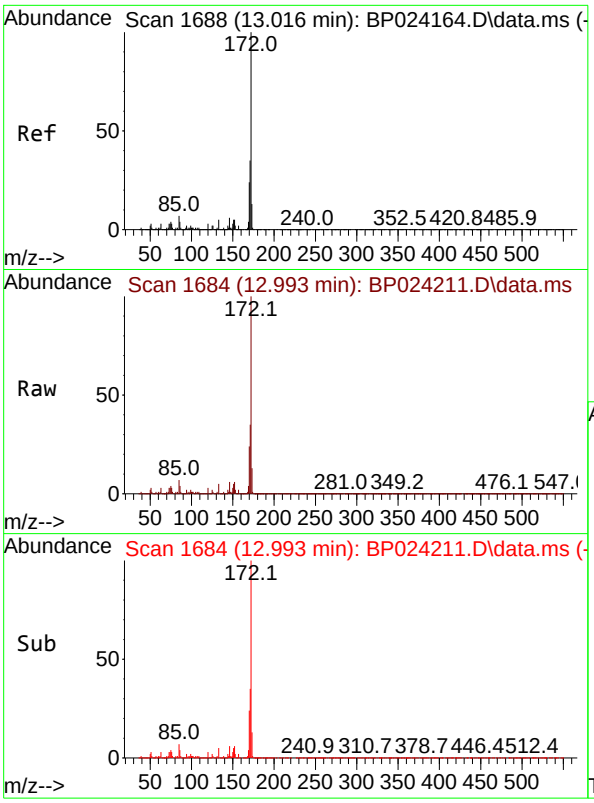


#44
2,4,5-Trichlorophenol
Concen: 41.234 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:196 Resp: 735015

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.5	114.7
97	50.5	38.7	58.1
132	29.3	22.2	33.2



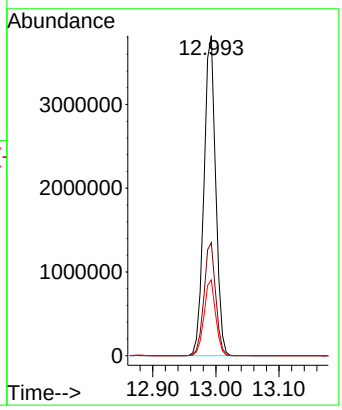


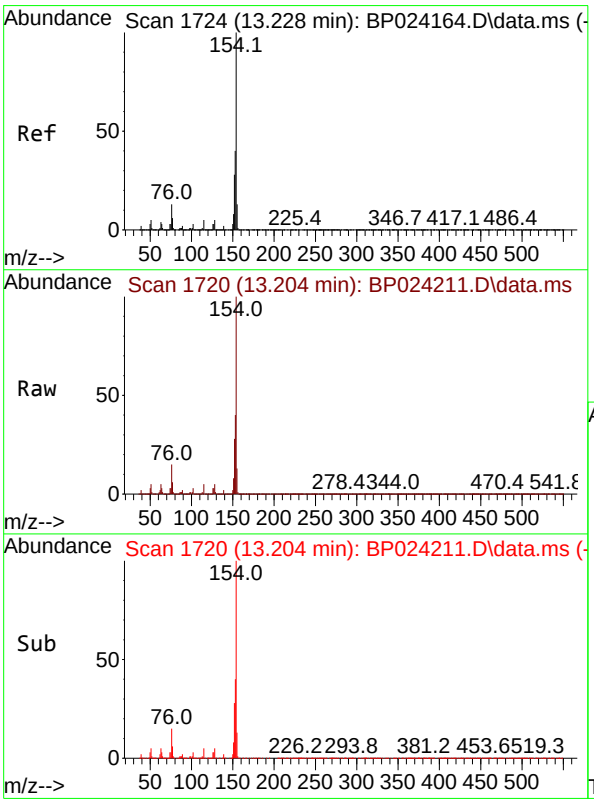
#45
2-Fluorobiphenyl
Concen: 82.015 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 4921252

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.7	19.0	28.4

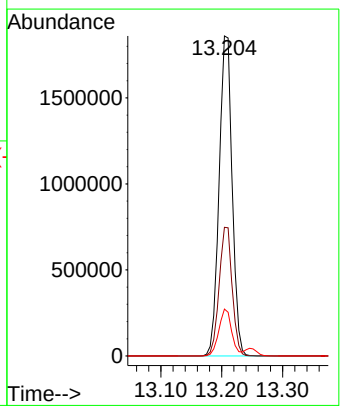


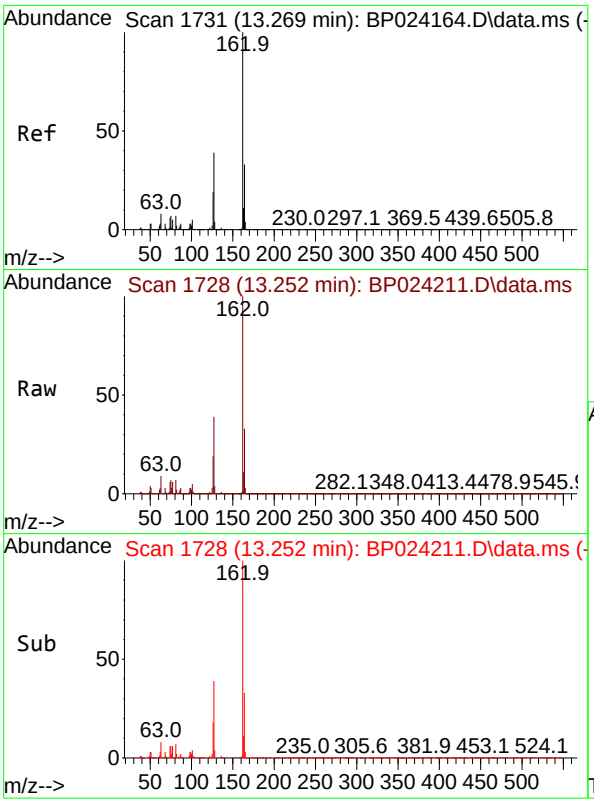


#46
1,1'-Biphenyl
Concen: 41.516 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:154 Resp: 2760283

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	14.7	0.0	32.9



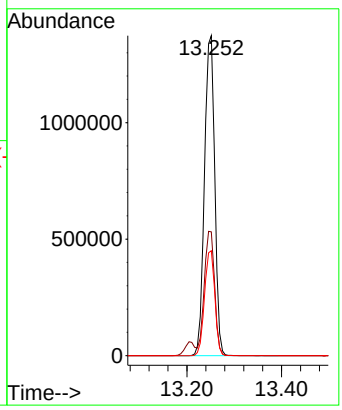


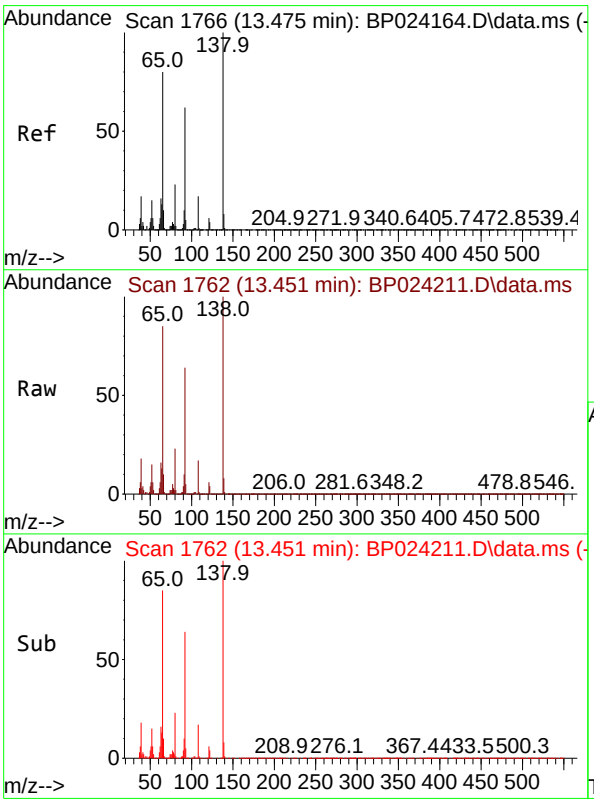
#47
2-Chloronaphthalene
Concen: 41.252 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2062992

Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.5	47.3
164	32.8	26.6	39.8

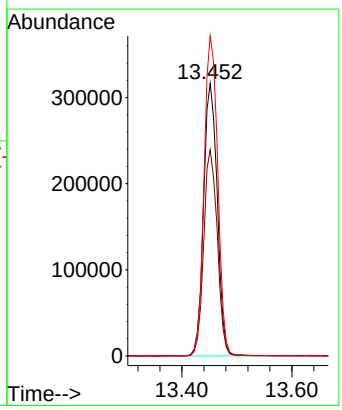


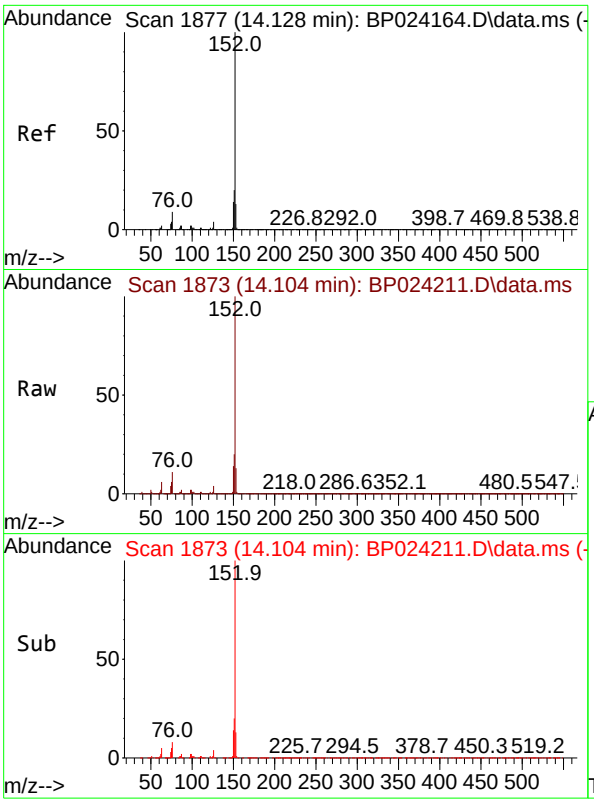


#48
2-Nitroaniline
Concen: 42.683 ng
RT: 13.451 min Scan# 1762
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion: 65 Resp: 545965

Ion	Ratio	Lower	Upper
65	100		
92	75.7	62.1	93.1
138	117.4	99.5	149.3



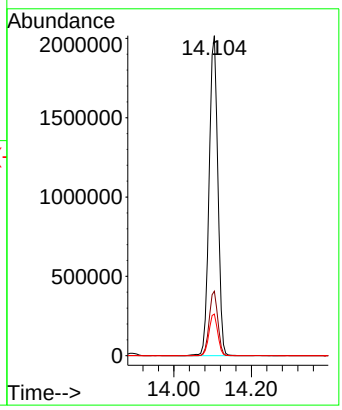


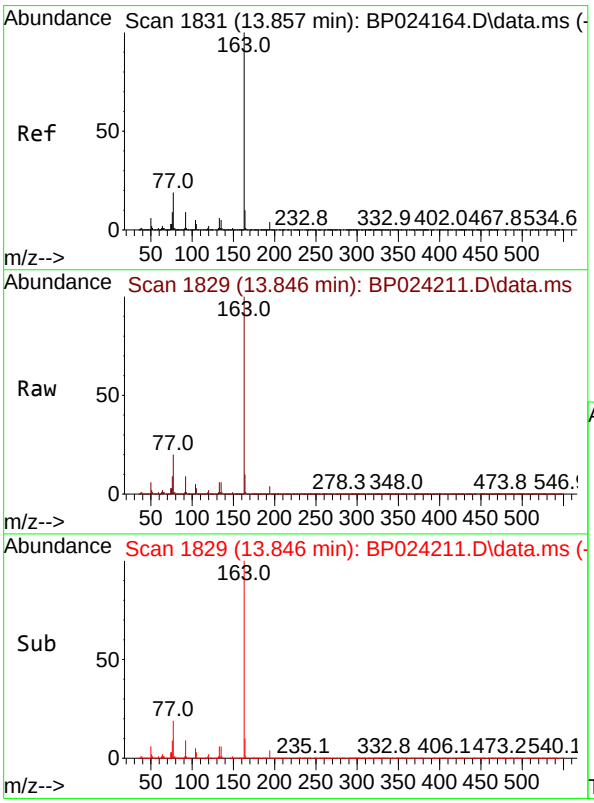
#49
Acenaphthylene
Concen: 41.603 ng
RT: 14.104 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3148144

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.0	10.6	15.8

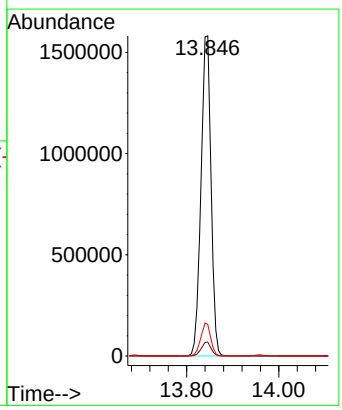


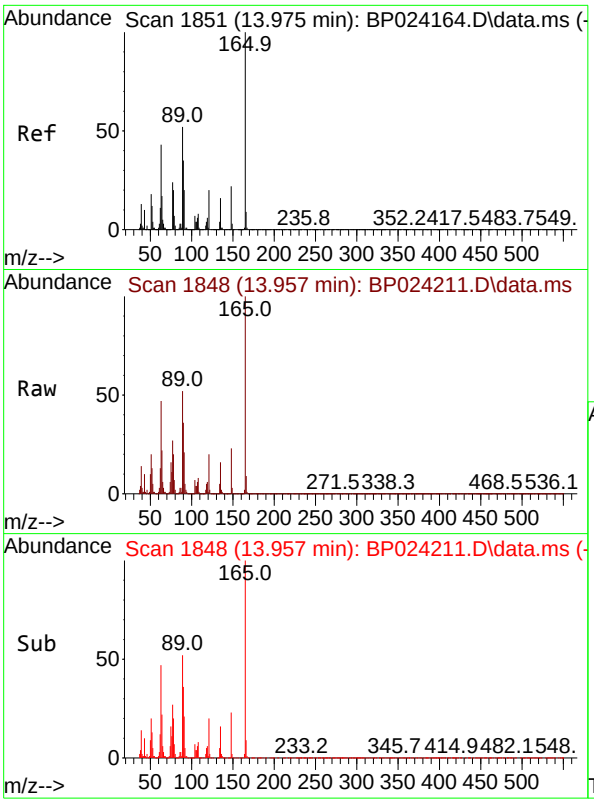


#50
Dimethylphthalate
Concen: 38.950 ng
RT: 13.846 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:163 Resp: 2411403

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	8.2	12.4



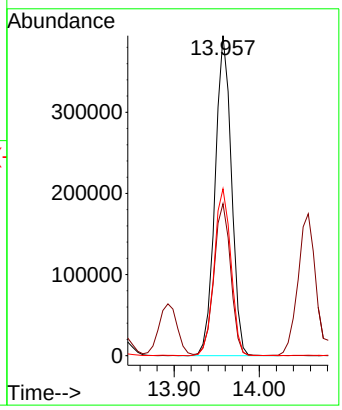


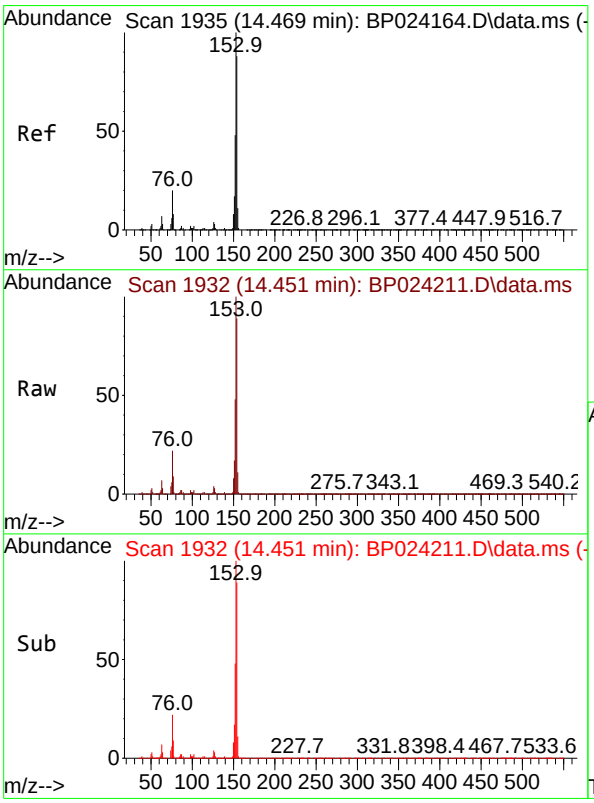
#51
2,6-Dinitrotoluene
Concen: 40.278 ng
RT: 13.957 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 524662

Ion	Ratio	Lower	Upper
165	100		
63	47.5	37.7	56.5
89	52.1	41.9	62.9

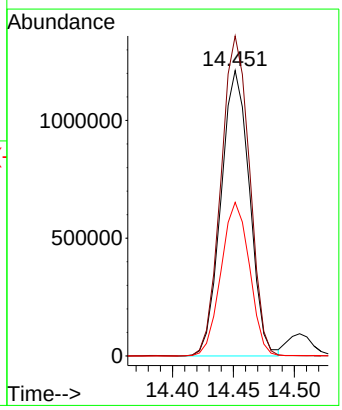


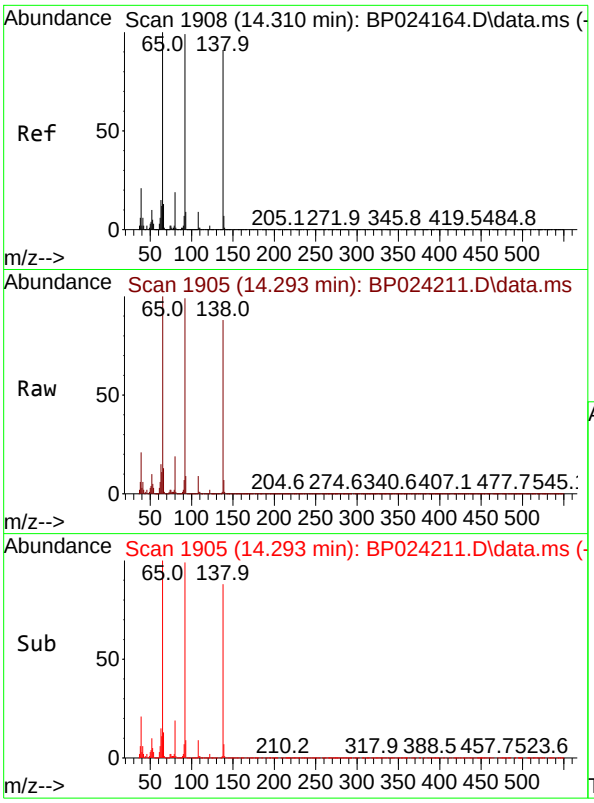


#52
Acenaphthene
Concen: 40.910 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:154 Resp: 1977936

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	53.8	43.1	64.7



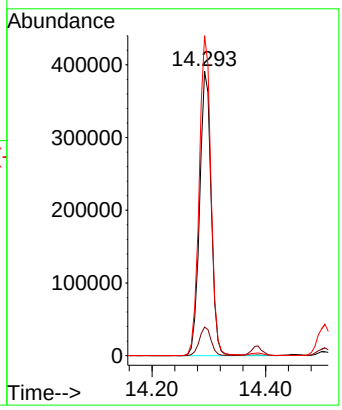


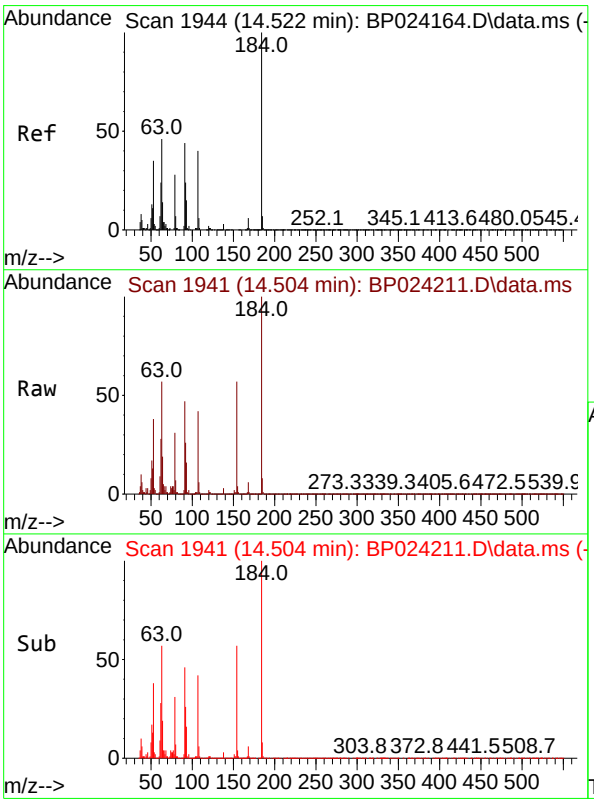
#53
3-Nitroaniline
Concen: 39.066 ng
RT: 14.293 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 549621

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.2	12.2
92	112.5	86.7	130.1

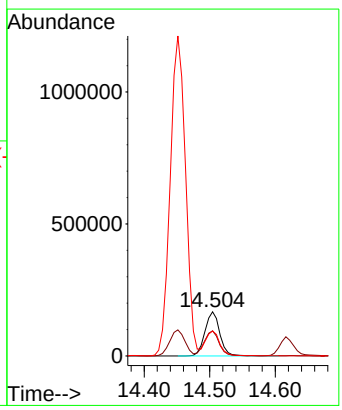


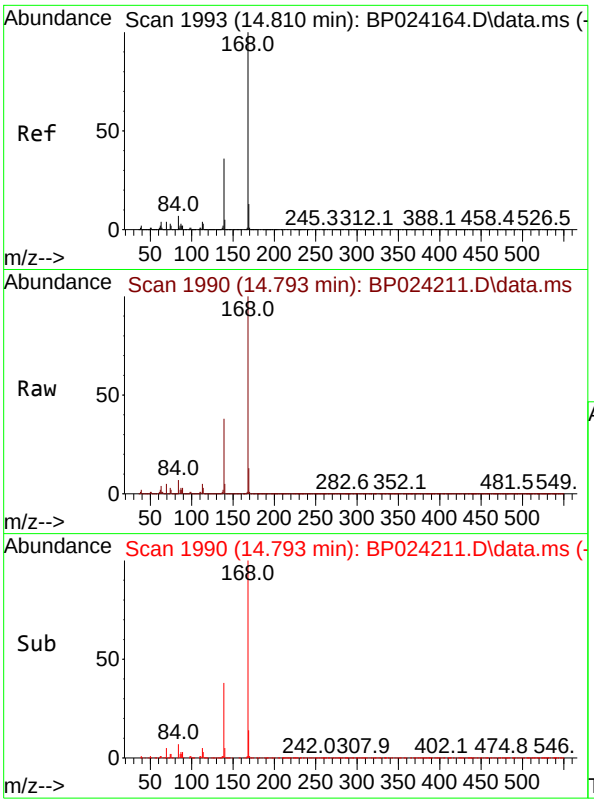


#54
2,4-Dinitrophenol
Concen: 38.187 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:184 Resp: 263202

Ion	Ratio	Lower	Upper
184	100		
63	56.8	42.1	63.1
154	56.7	44.6	67.0



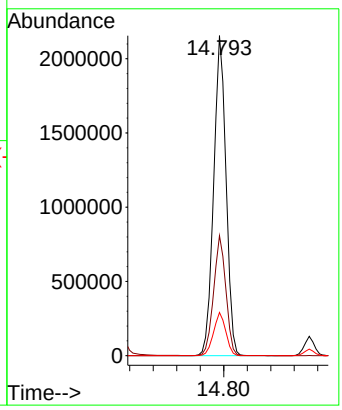


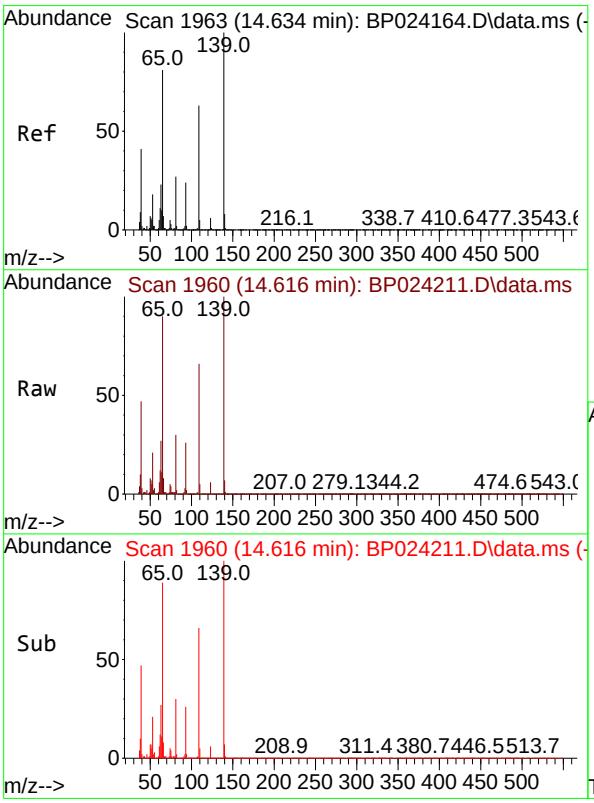
#55
Dibenzofuran
Concen: 40.164 ng
RT: 14.793 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3145411

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.1	43.7
169	13.5	10.8	16.2

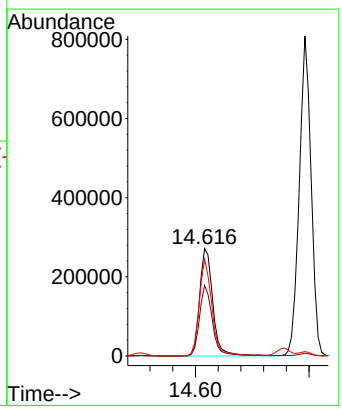


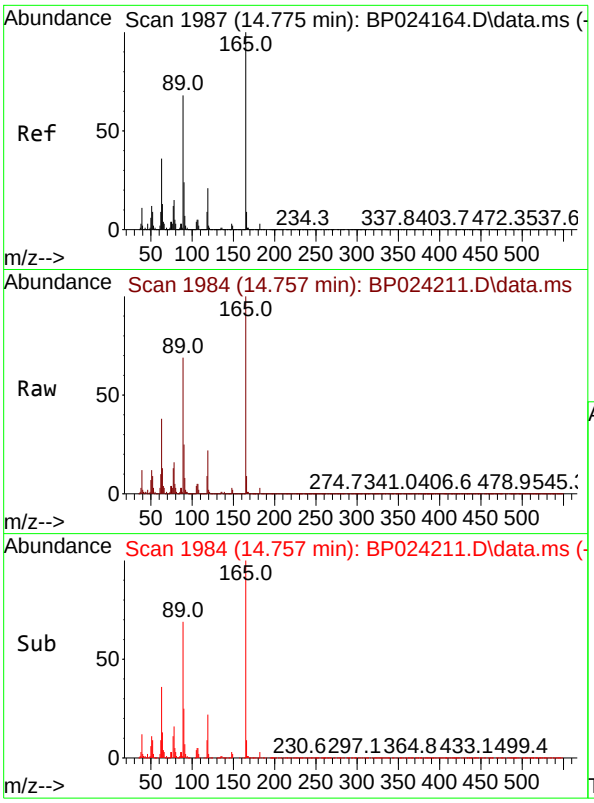


#56
4-Nitrophenol
Concen: 37.289 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:139 Resp: 438355

Ion	Ratio	Lower	Upper
139	100		
109	65.7	43.3	83.3
65	90.0	61.2	101.2



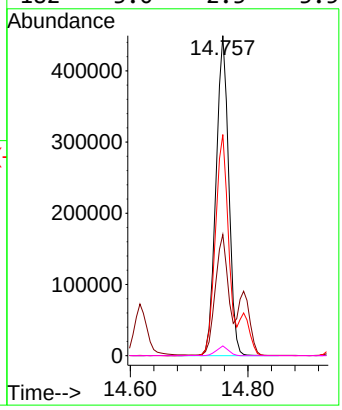


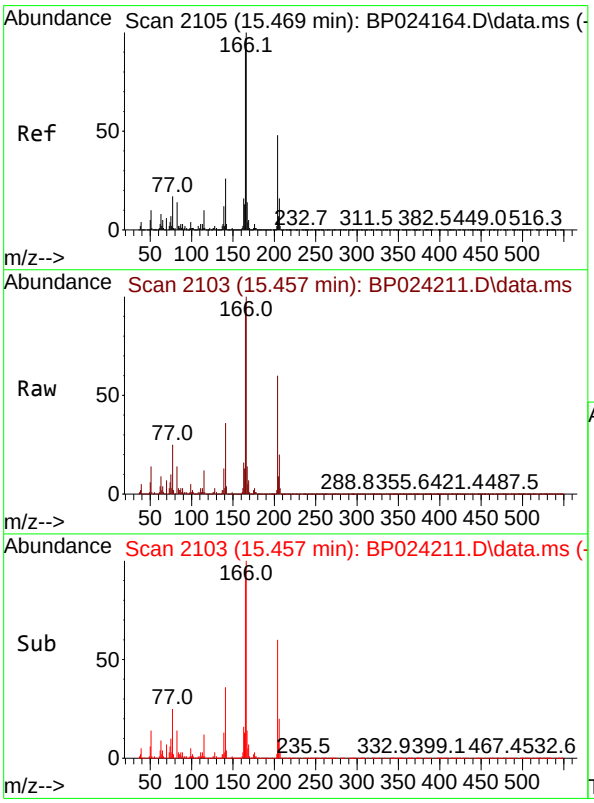
#57
2,4-Dinitrotoluene
Concen: 39.285 ng
RT: 14.757 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 675950

Ion	Ratio	Lower	Upper
165	100		
63	37.8	29.0	43.6
89	69.1	54.2	81.4
182	3.0	2.3	3.5

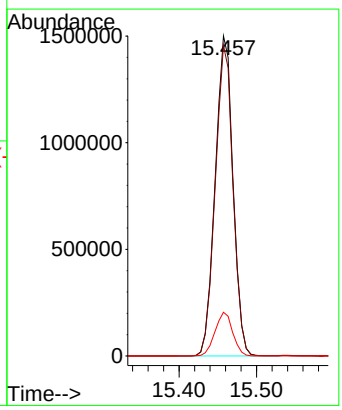


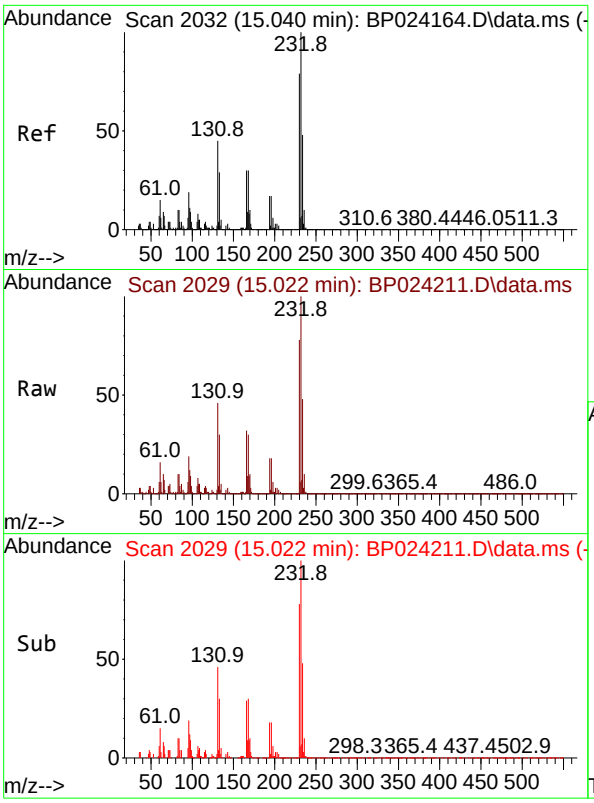


#58
Fluorene
Concen: 39.253 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:166 Resp: 2395113

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.6	116.4
167	13.6	10.8	16.2



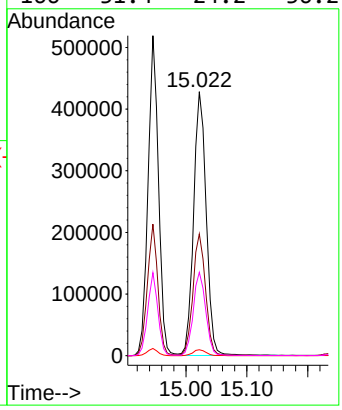


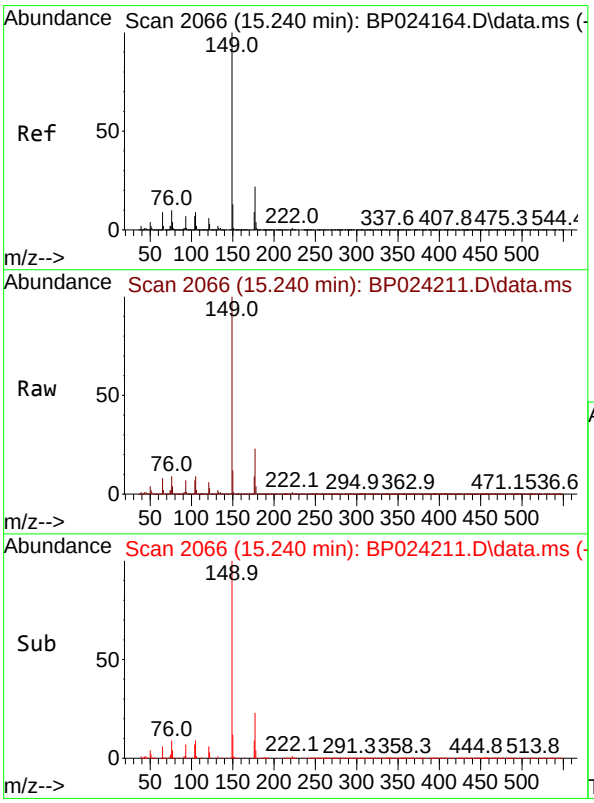
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.095 ng
RT: 15.022 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 615718

Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.9	53.9
130	2.4	1.8	2.6
166	31.4	24.2	36.2

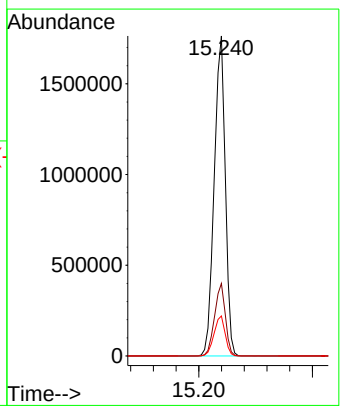


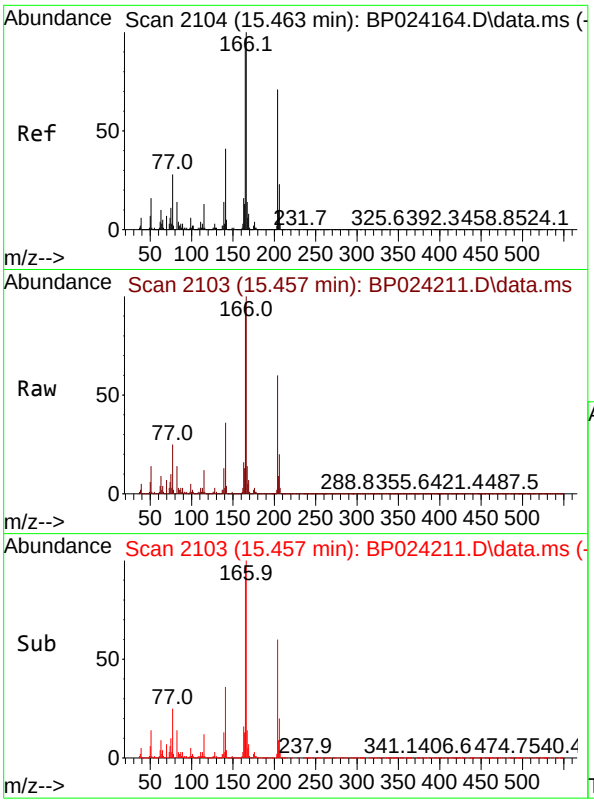


#60
Diethylphthalate
Concen: 38.612 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:149 Resp: 2380475

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.5	10.2	15.4



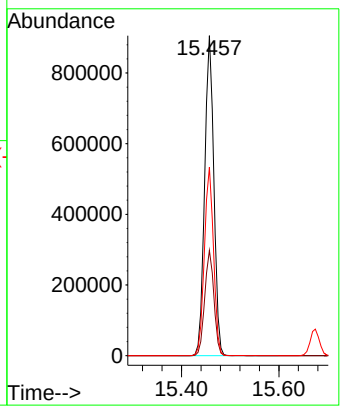


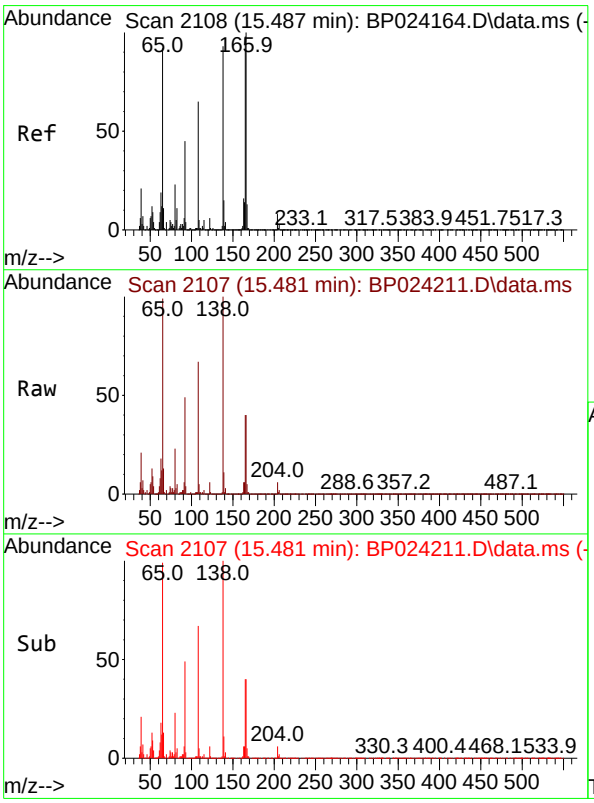
#61
4-Chlorophenyl-phenylether
Concen: 39.353 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1177747

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	58.9	45.8	68.8

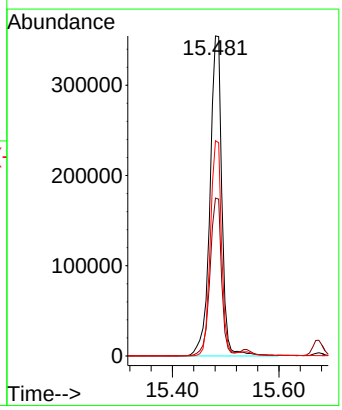


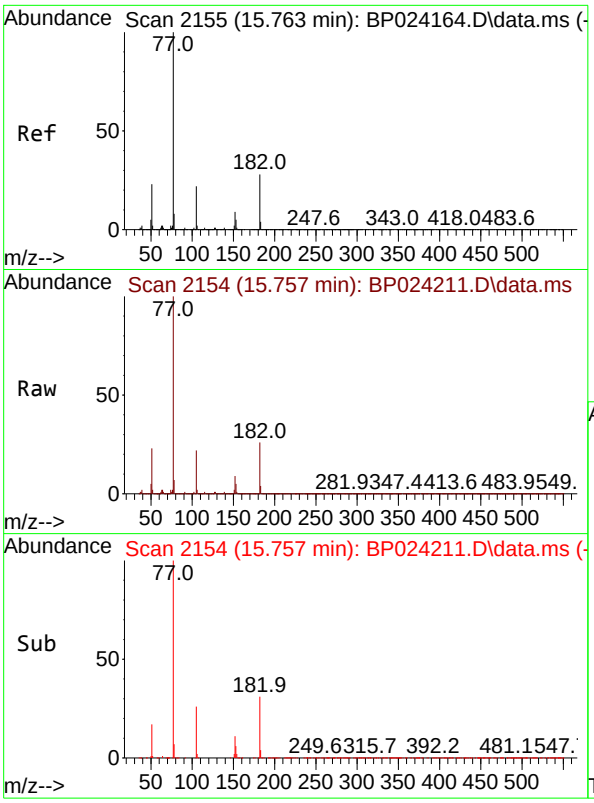


#62
4-Nitroaniline
Concen: 37.337 ng
RT: 15.481 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:138 Resp: 550942

Ion	Ratio	Lower	Upper
138	100		
92	49.3	28.7	68.7
108	67.3	49.5	89.5



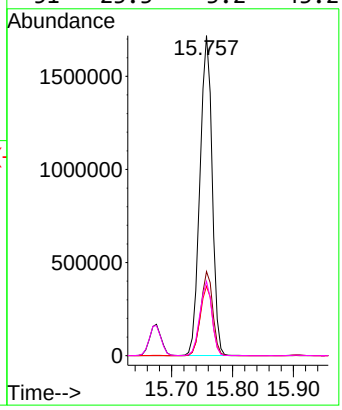


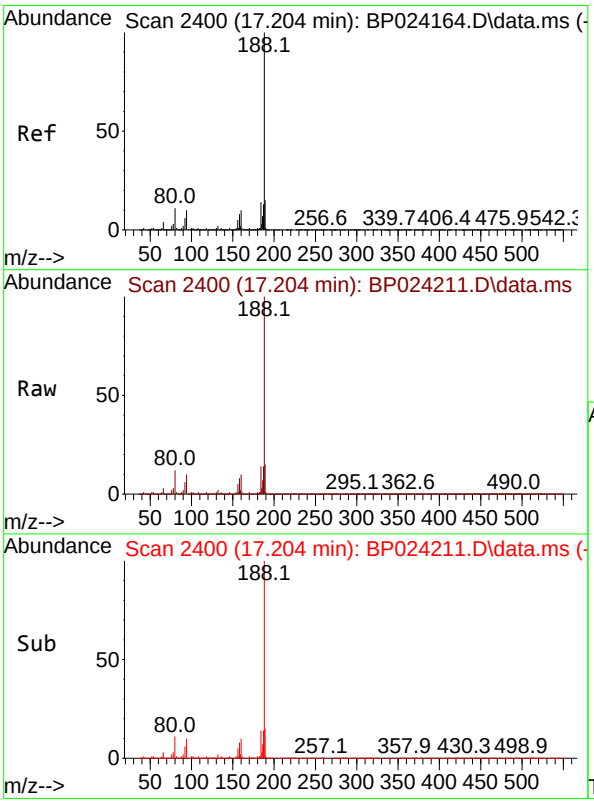
#63
Azobenzene
Concen: 41.241 ng
RT: 15.757 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2396479

Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.7	47.7
105	21.7	2.3	42.3
51	23.3	3.2	43.2

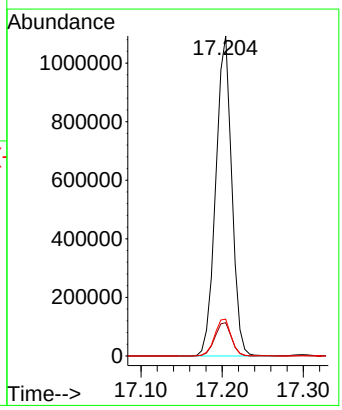


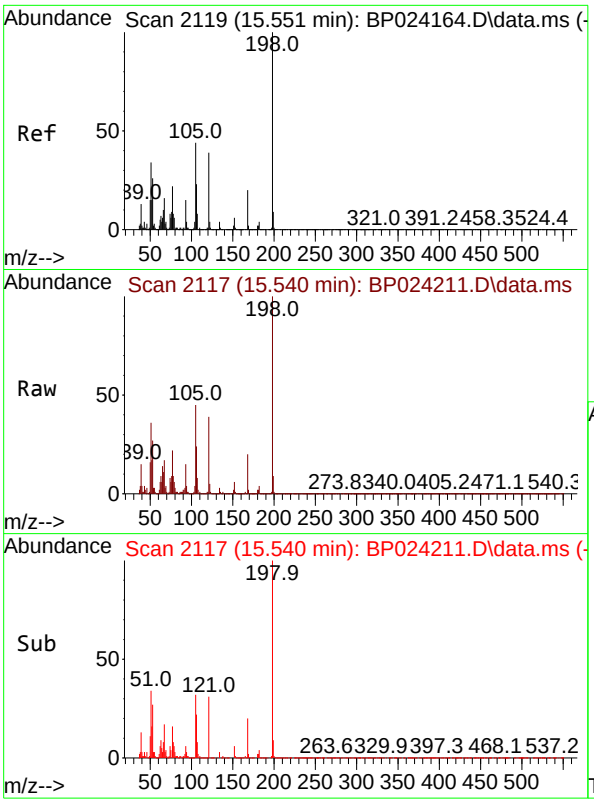


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:188 Resp: 1496179

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.5	8.9	13.3



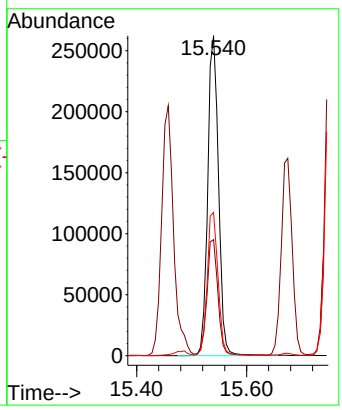


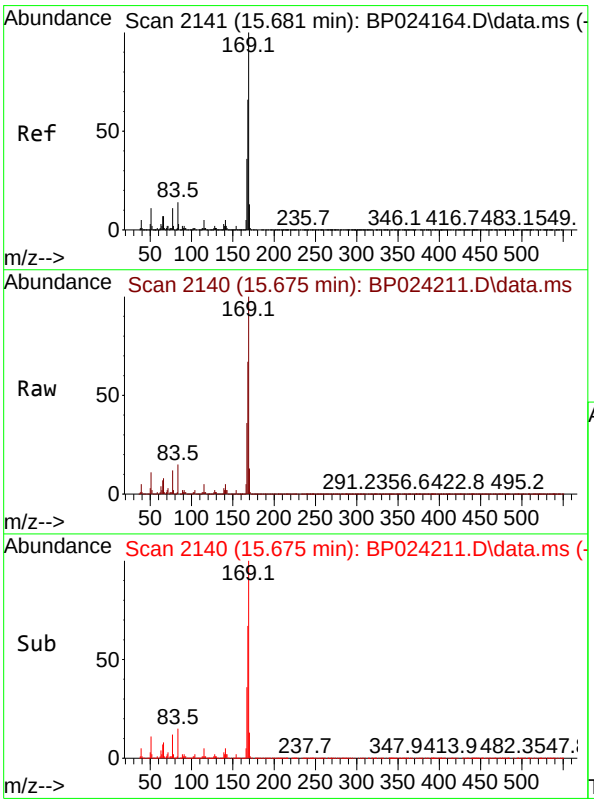
#65
4,6-Dinitro-2-methylphenol
Concen: 40.019 ng
RT: 15.540 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 355454

Ion	Ratio	Lower	Upper
198	100		
51	36.3	14.7	54.7
105	44.7	23.8	63.8

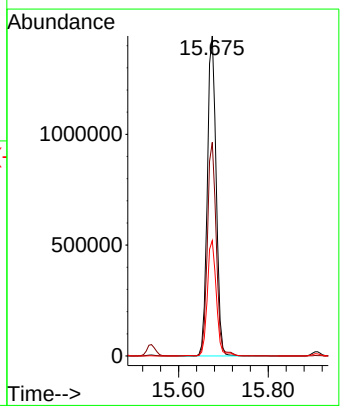


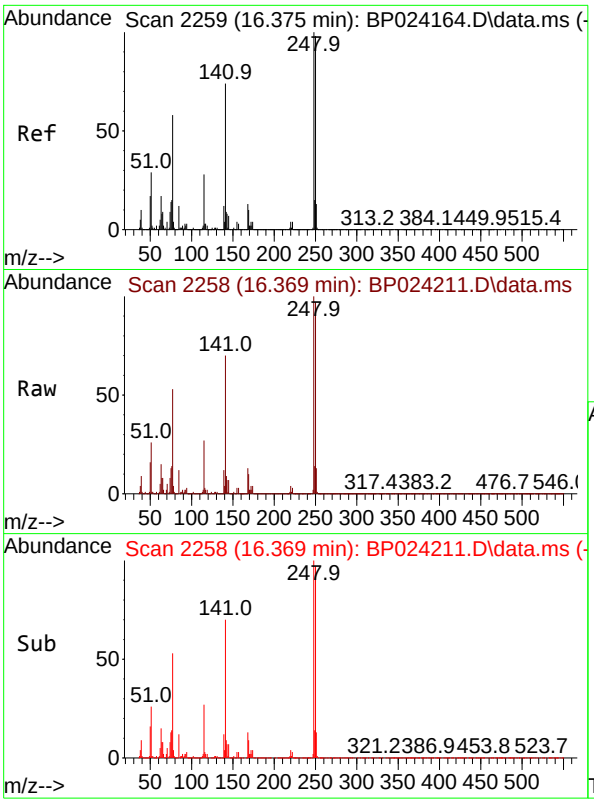


#66
n-Nitrosodiphenylamine
Concen: 43.144 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:169 Resp: 1960186

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.9	79.3
167	36.1	28.8	43.2



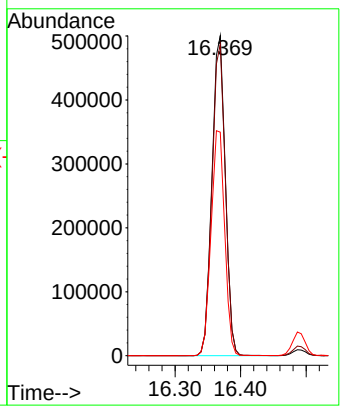


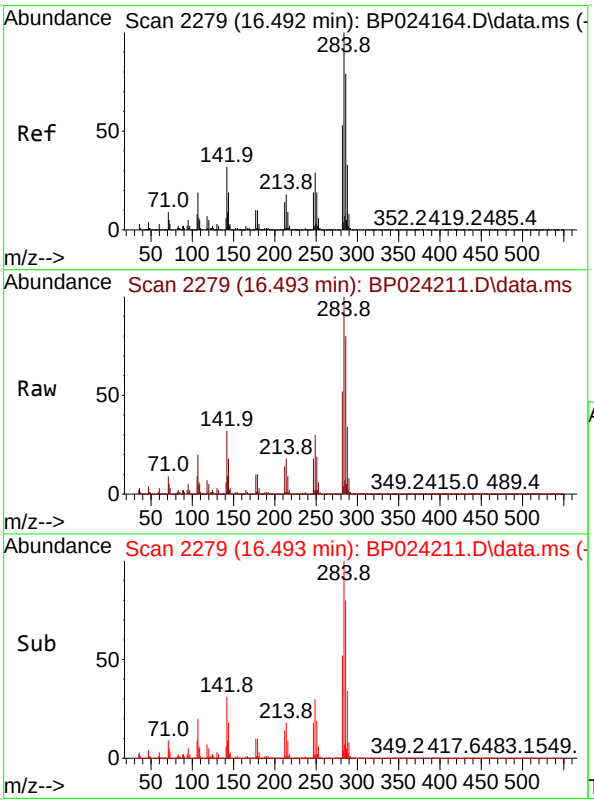
#67
4-Bromophenyl-phenylether
Concen: 43.113 ng
RT: 16.369 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 708196

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	69.8	59.4	89.0

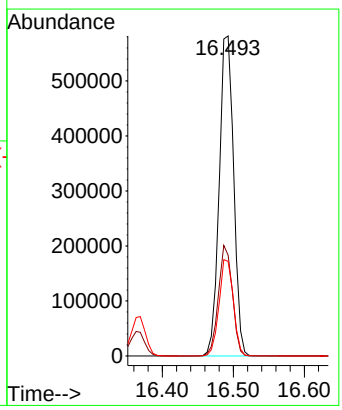


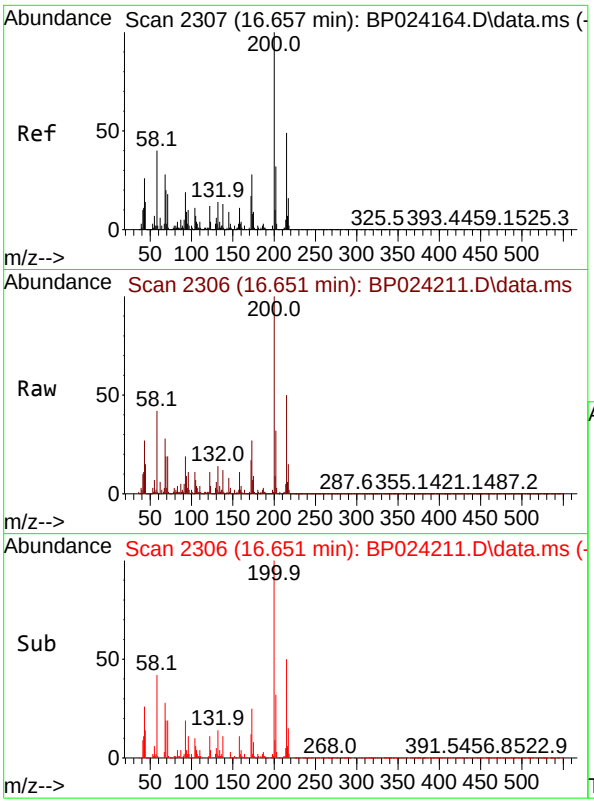


#68
Hexachlorobenzene
Concen: 42.056 ng
RT: 16.493 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:284 Resp: 817684

Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.4	38.2
249	29.6	23.5	35.3



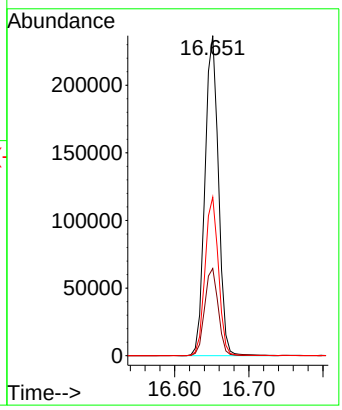


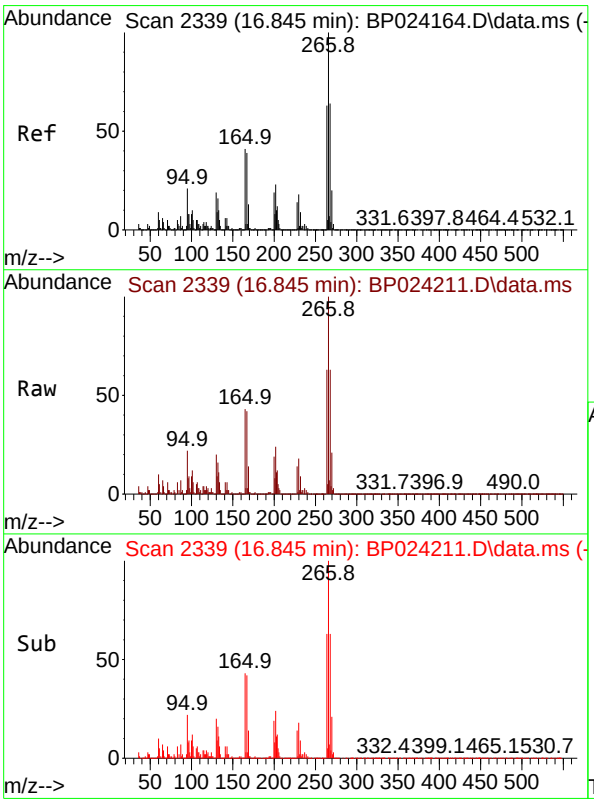
#69
Atrazine
Concen: 27.317 ng
RT: 16.651 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 299567

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	49.5	29.0	69.0

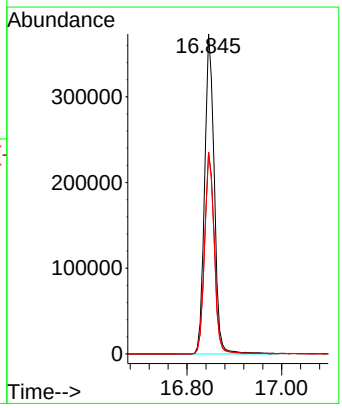


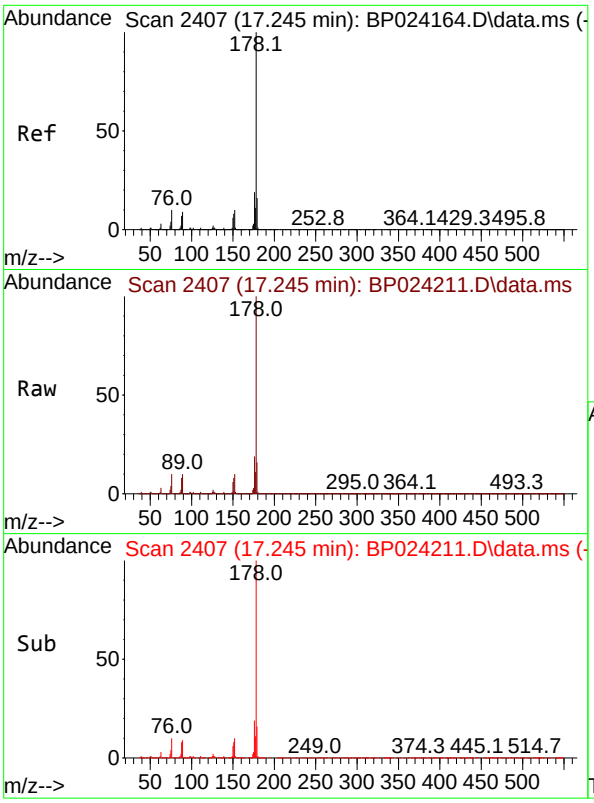


#70
Pentachlorophenol
Concen: 41.875 ng
RT: 16.845 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:266 Resp: 526505

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.3	76.9
264	63.1	50.6	76.0



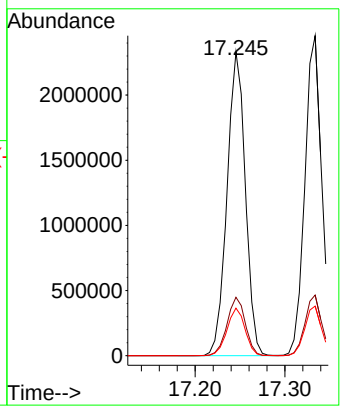


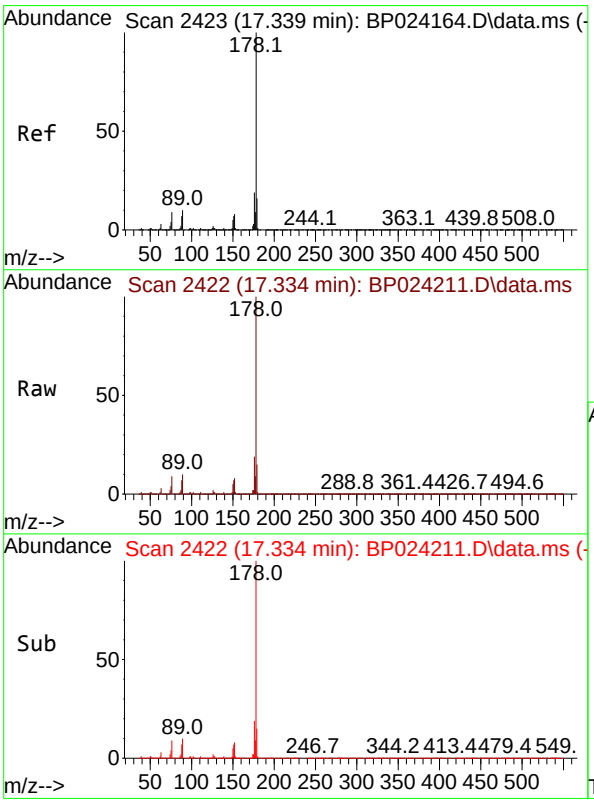
#71
Phenanthrene
Concen: 40.470 ng
RT: 17.245 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 3307863

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.7	12.5	18.7

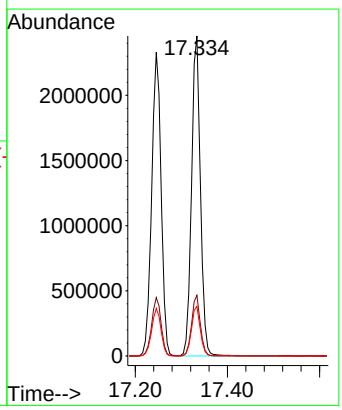


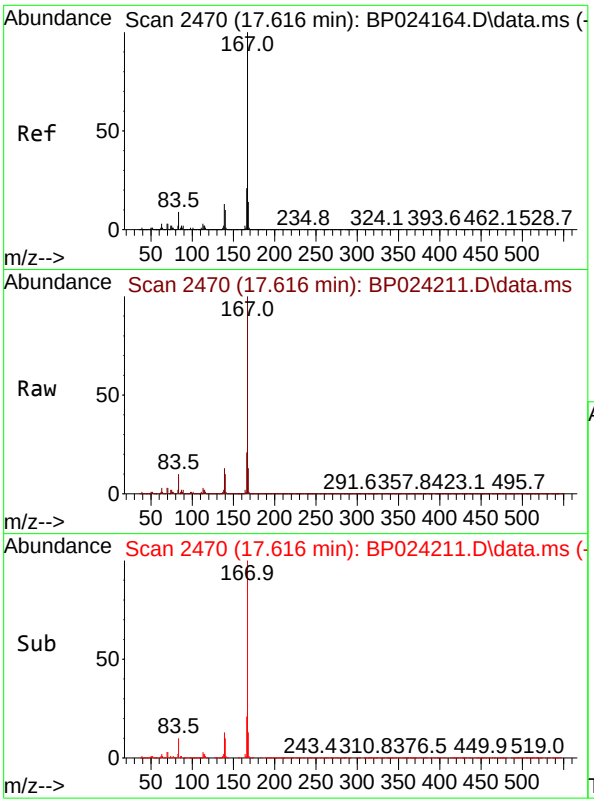


#72
Anthracene
Concen: 41.026 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:178 Resp: 3265969

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.6	18.8



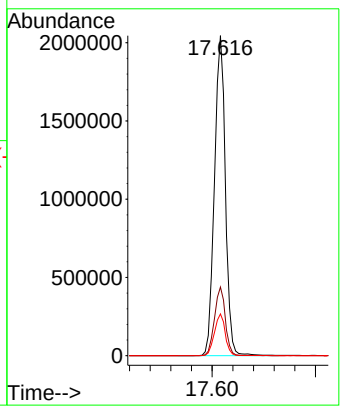


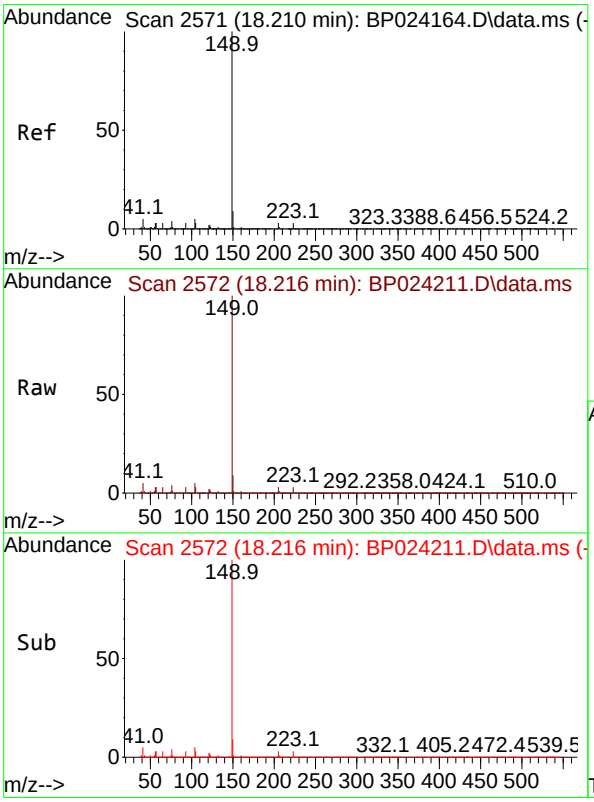
#73
Carbazole
Concen: 39.079 ng
RT: 17.616 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 3000148

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.0	10.2	15.4

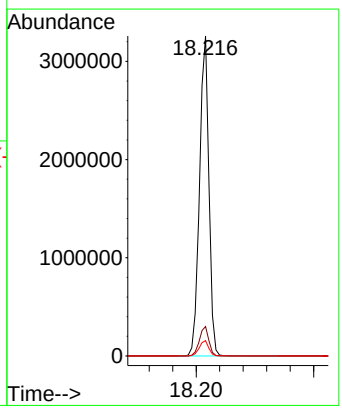


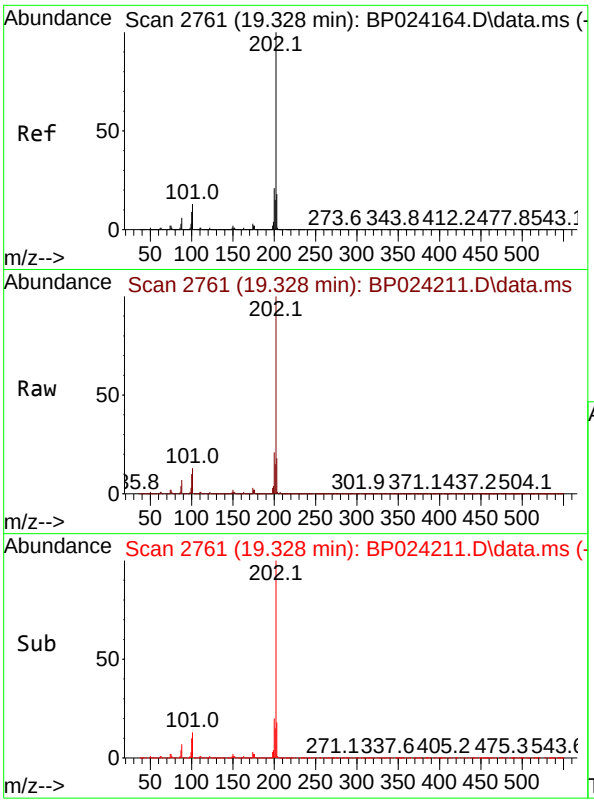


#74
Di-n-butylphthalate
Concen: 39.357 ng
RT: 18.216 min Scan# 2572
Delta R.T. 0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:149 Resp: 3586861

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.8	3.9	5.9



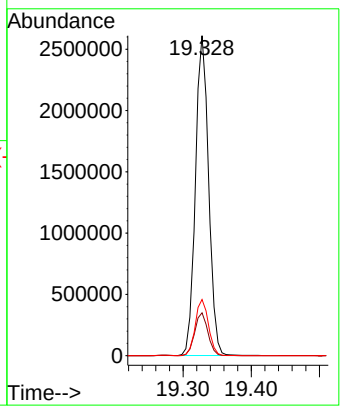


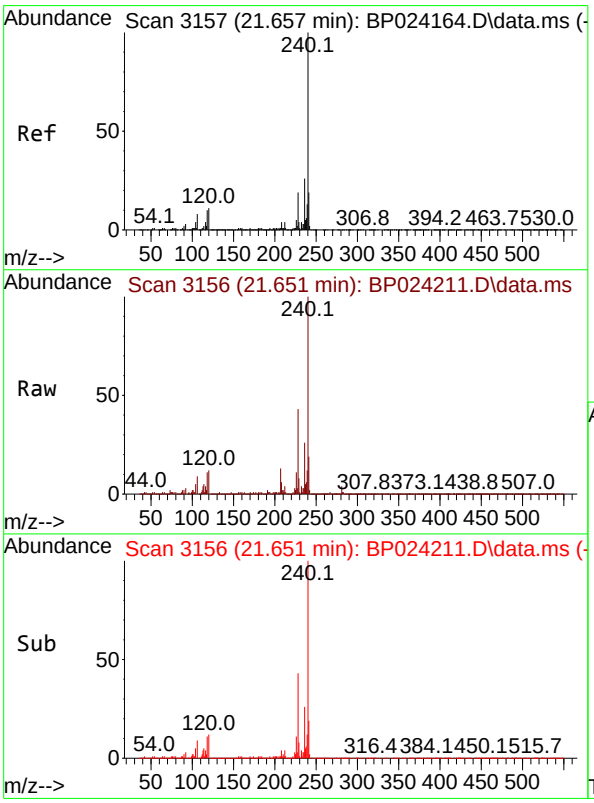
#75
Fluoranthene
Concen: 36.976 ng
RT: 19.328 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3500245

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.5
203	17.6	0.0	37.9

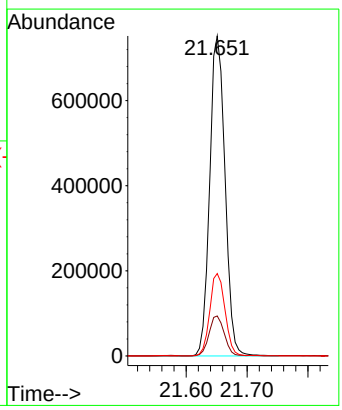


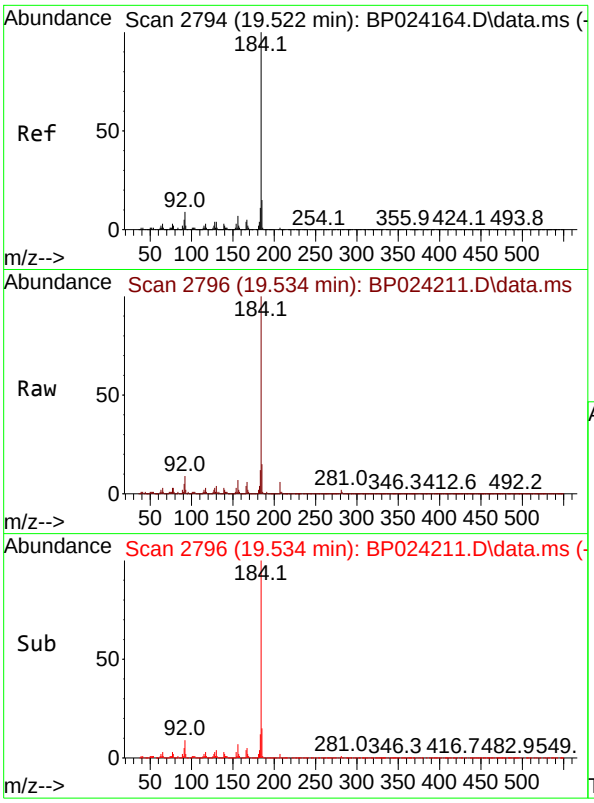


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:240 Resp: 1314875

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.2	13.8
236	25.7	20.4	30.6



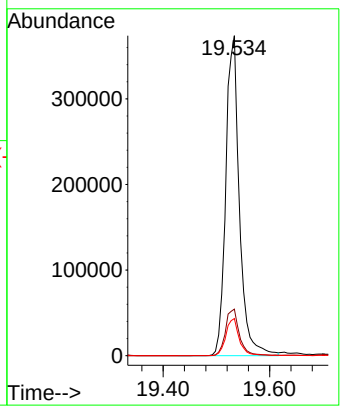


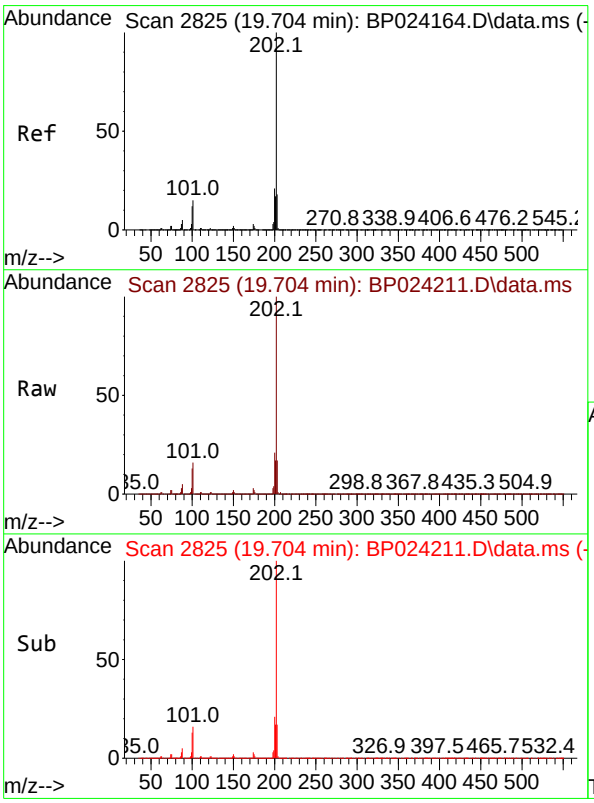
#77
Benzidine
Concen: 46.154 ng
RT: 19.534 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 663514

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.6	9.1	13.7

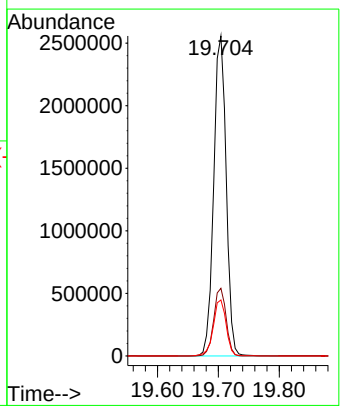


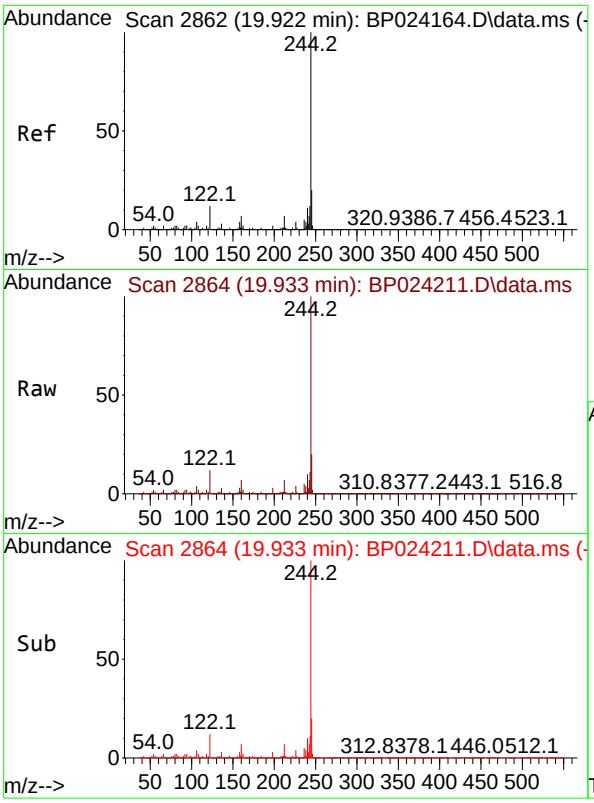


#78
Pyrene
Concen: 44.402 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:202 Resp: 3629606

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.5	14.2	21.4



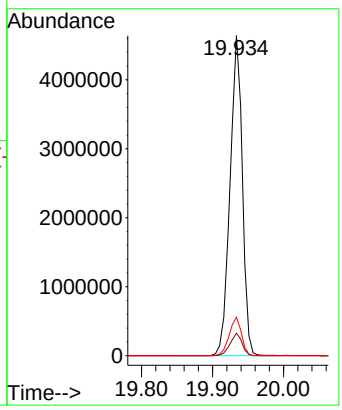


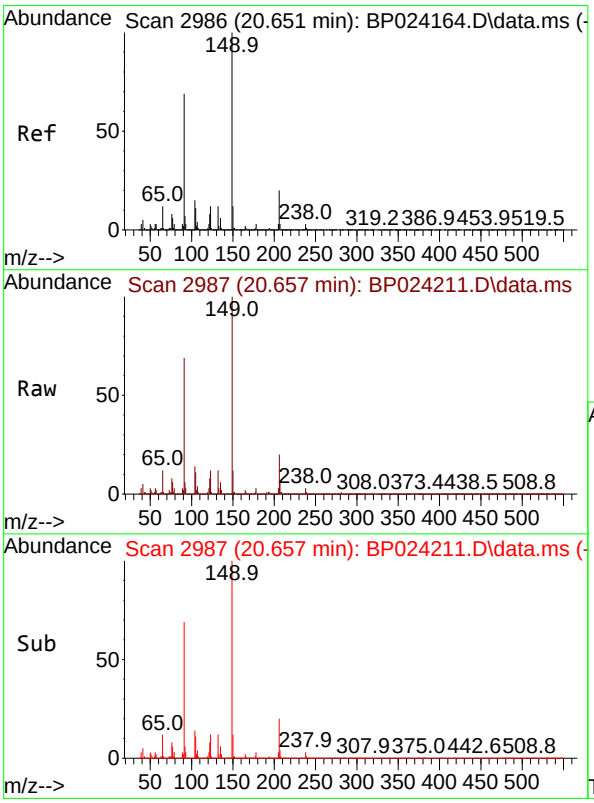
#79
Terphenyl-d14
Concen: 87.742 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 5589029

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.1	9.6	14.4

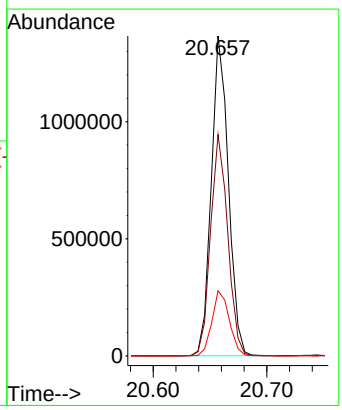


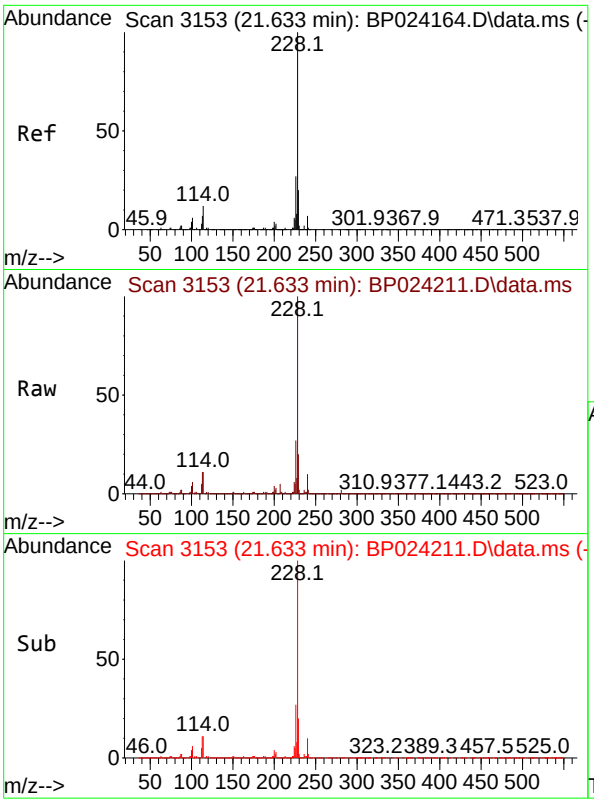


#80
Butylbenzylphthalate
Concen: 42.284 ng
RT: 20.657 min Scan# 2987
Delta R.T. 0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:149 Resp: 1425388

Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.3	82.9
206	20.4	16.1	24.1



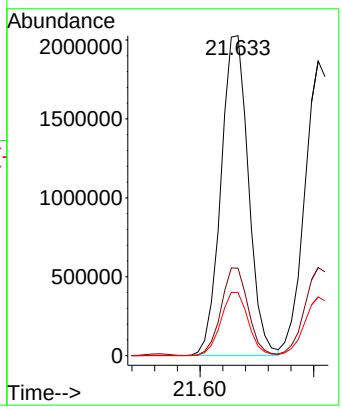


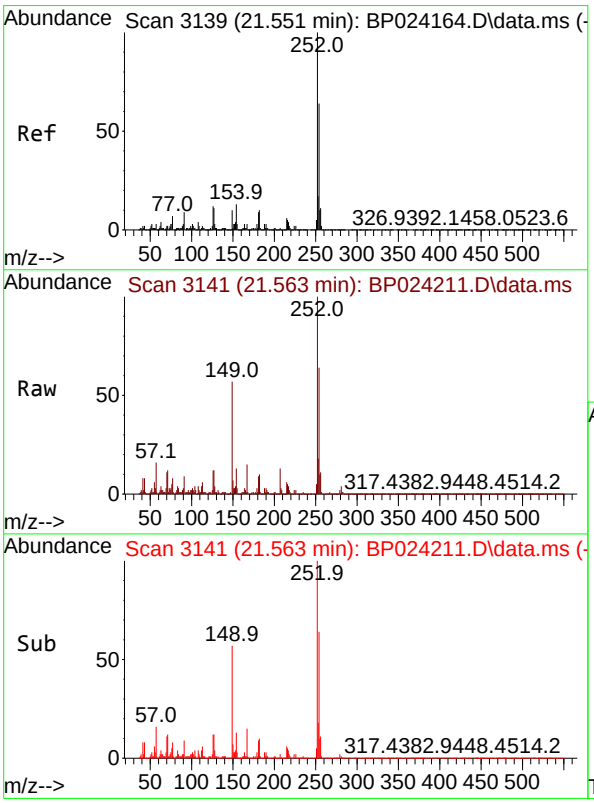
#81
Benzo(a)anthracene
Concen: 41.743 ng
RT: 21.633 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3412419

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.7	16.0	24.0

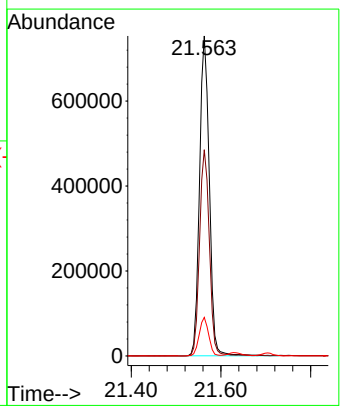


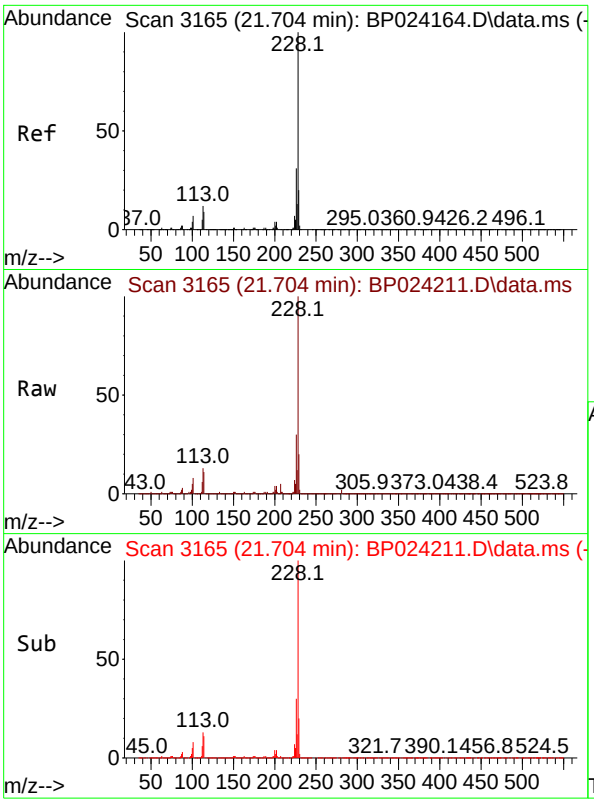


#82
3,3'-Dichlorobenzidine
Concen: 41.580 ng
RT: 21.563 min Scan# 3141
Delta R.T. 0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:252 Resp: 1139237

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	12.0	9.3	13.9



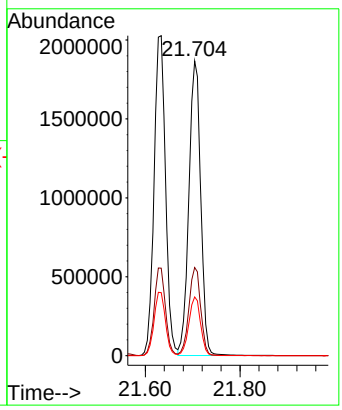


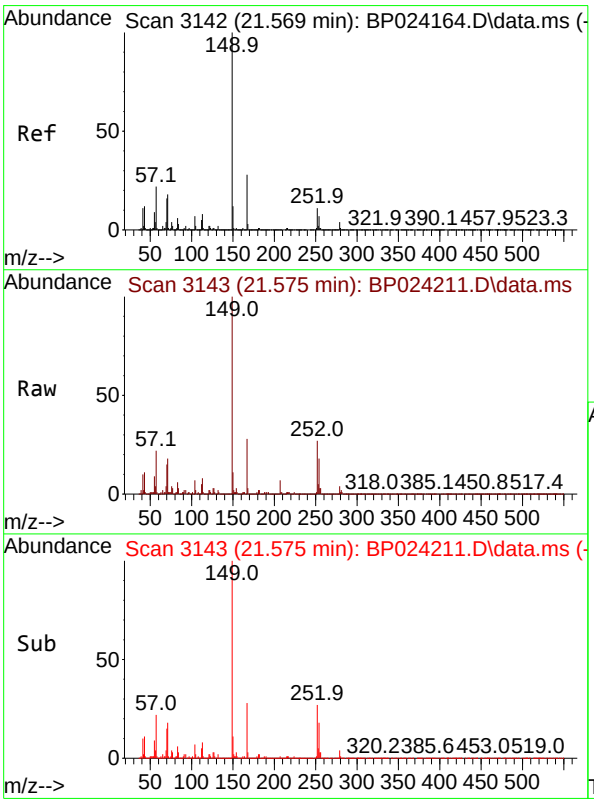
#83
Chrysene
Concen: 41.167 ng
RT: 21.704 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3235178

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	19.9	16.2	24.2

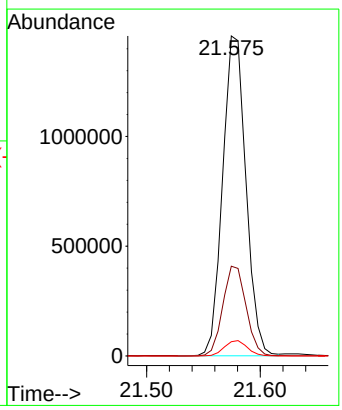


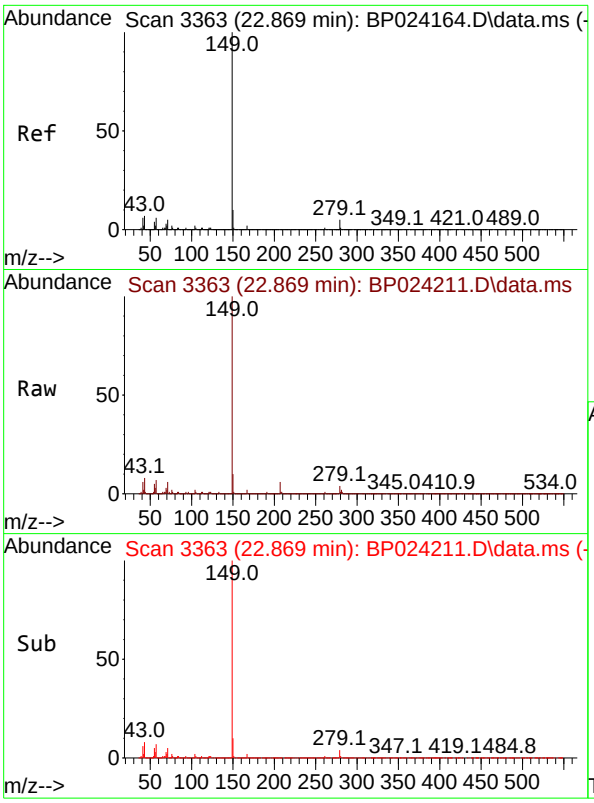


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.864 ng
RT: 21.575 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:149 Resp: 2078574

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	4.5	3.6	5.4



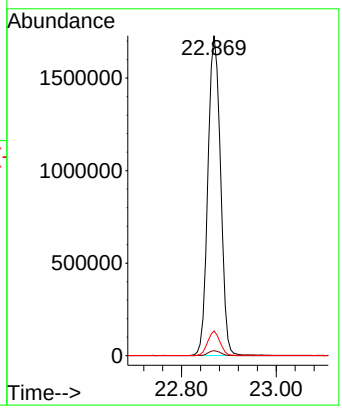


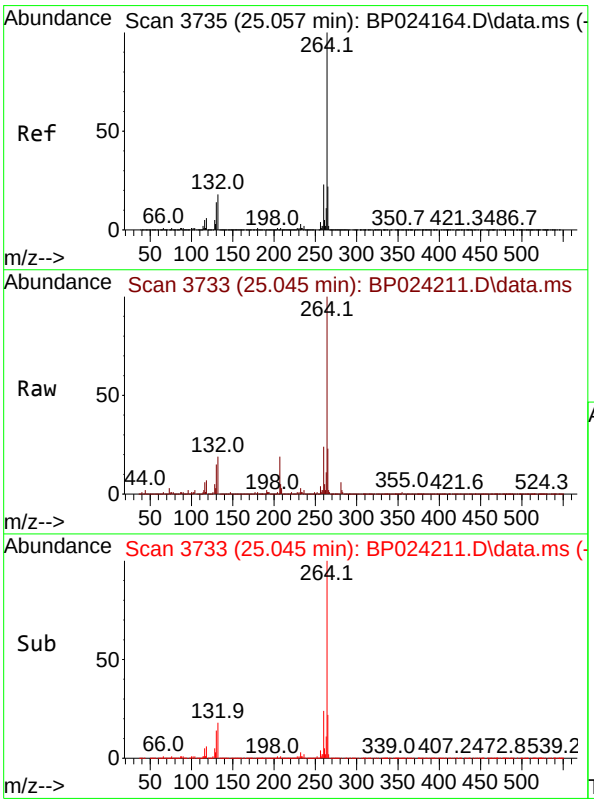
#85
Di-n-octyl phthalate
Concen: 39.264 ng
RT: 22.869 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 3199932

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.5	5.8	8.8

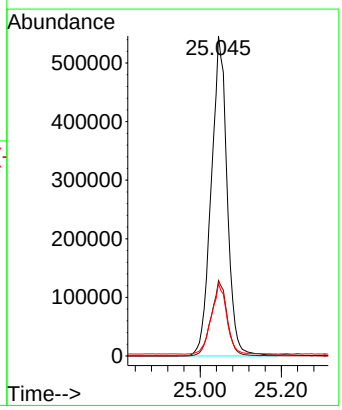


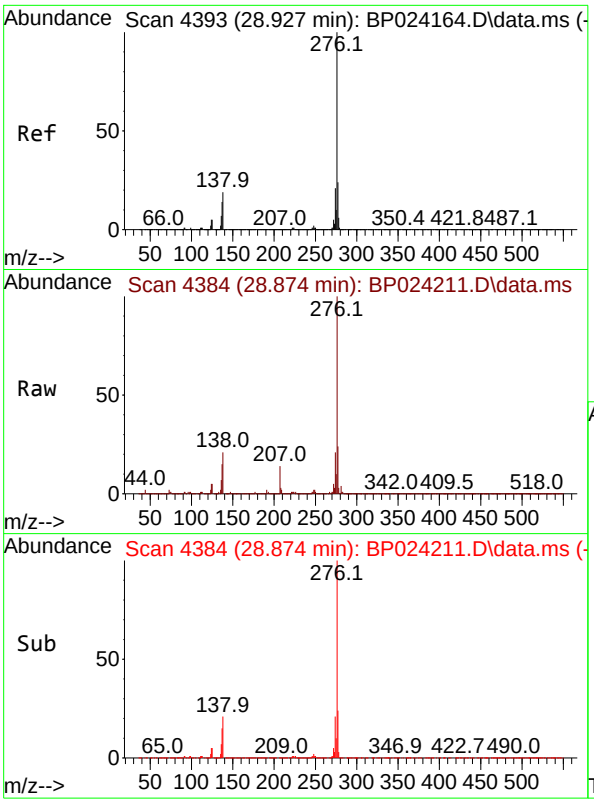


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.045 min Scan# 3733
Delta R.T. -0.012 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:264 Resp: 1482251

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.7	17.7	26.5



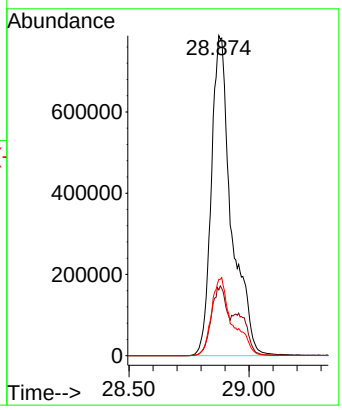


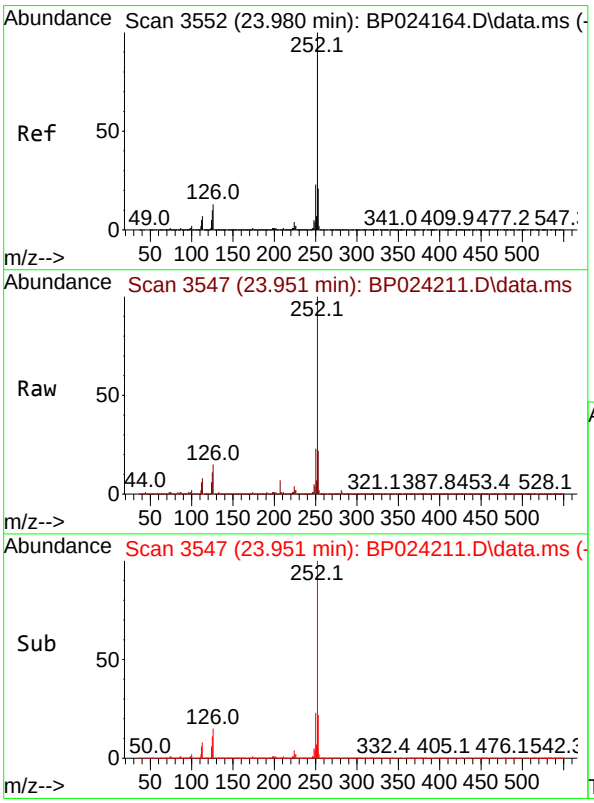
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.328 ng
RT: 28.874 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 4585755

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.7	20.5
277	25.3	20.2	30.2

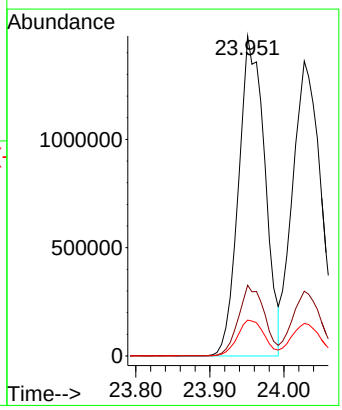


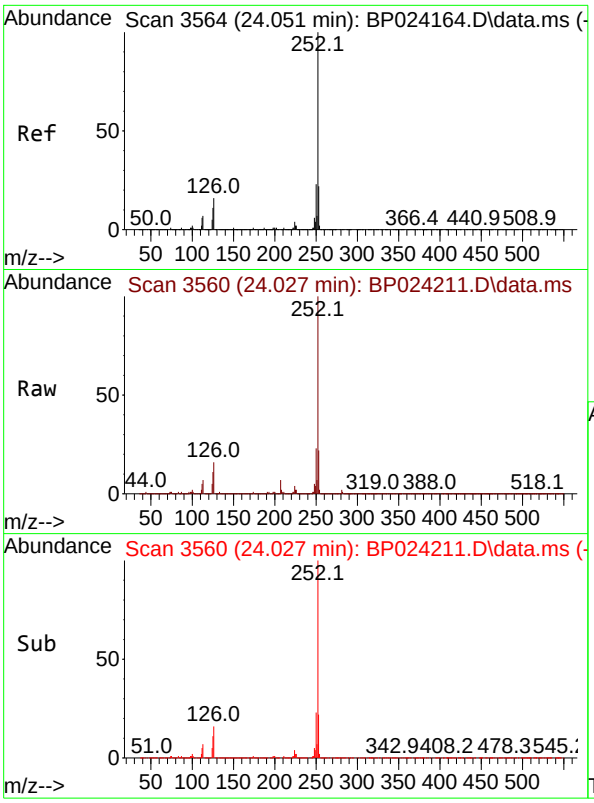


#88
Benzo(b)fluoranthene
Concen: 40.620 ng
RT: 23.951 min Scan# 3547
Delta R.T. -0.029 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:252 Resp: 3630246

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.2	8.2	12.4



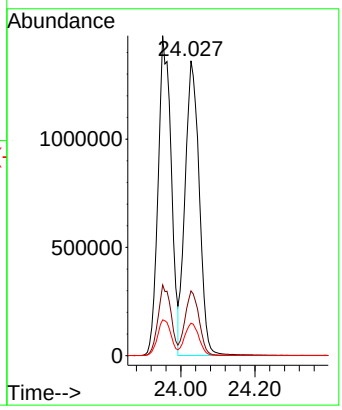


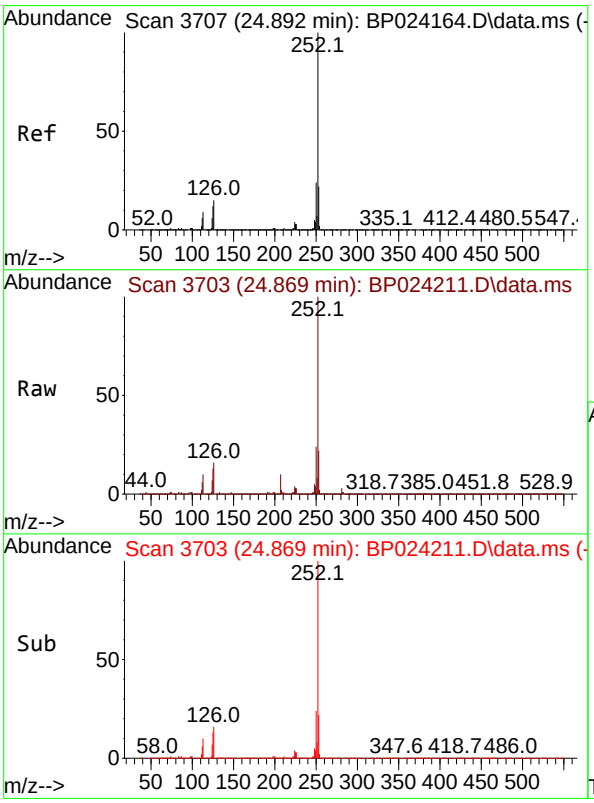
#89
Benzo(k)fluoranthene
Concen: 41.392 ng
RT: 24.027 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 3618543

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	9.1	13.7

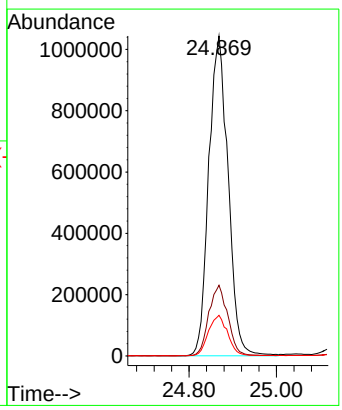


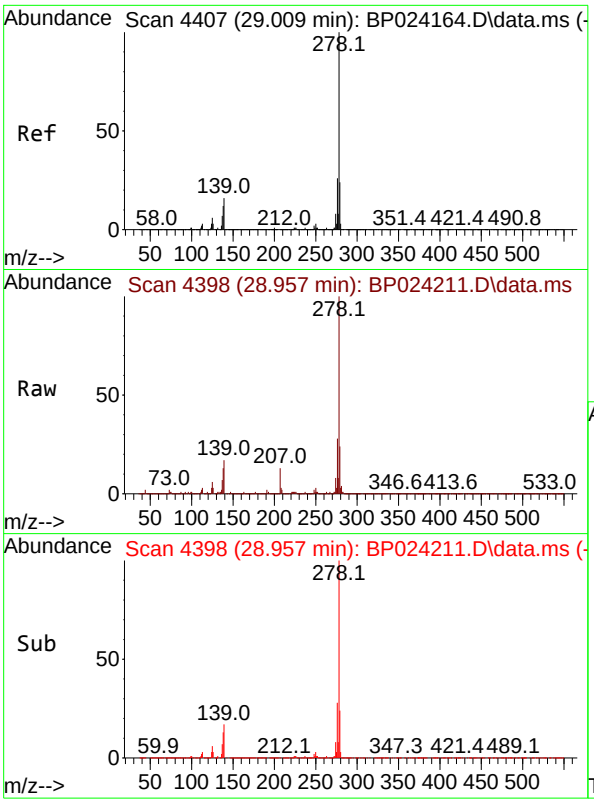


#90
Benzo(a)pyrene
Concen: 41.128 ng
RT: 24.869 min Scan# 3703
Delta R.T. -0.023 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:252 Resp: 3196190

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	12.7	9.6	14.4



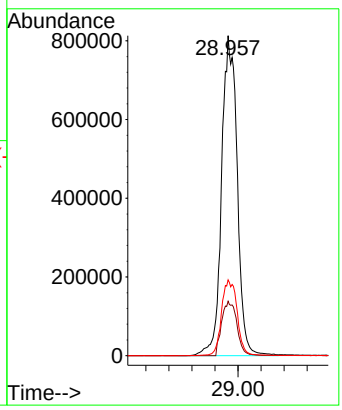


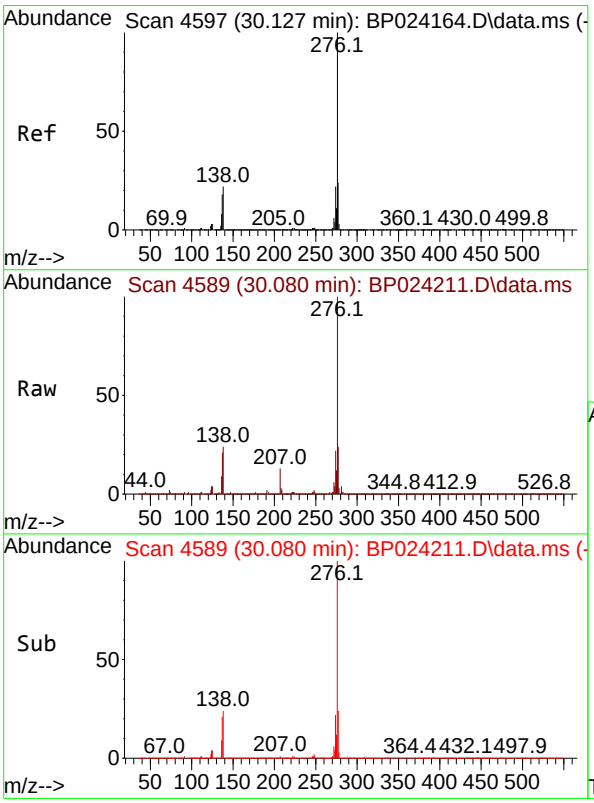
#91
Dibenzo(a,h)anthracene
Concen: 44.420 ng
RT: 28.957 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 3823023

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.0	19.4
279	23.7	18.8	28.2

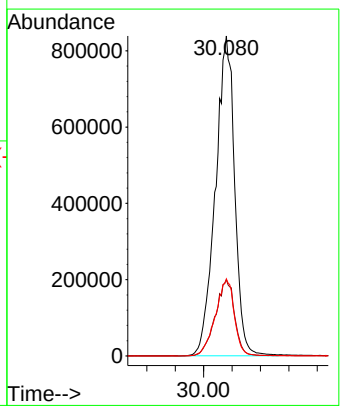




#92
Benzo(g,h,i)perylene
Concen: 45.033 ng
RT: 30.080 min Scan# 4589
Delta R.T. -0.047 min
Lab File: BP024211.D
Acq: 08 Apr 2025 13:43

Tgt Ion:276 Resp: 3939846

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.1	17.4	26.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	293576	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1173450	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	712048	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1380061	20.000	ng		0.02
76) Chrysene-d12	21.651	240	1470276	20.000	ng		0.00
86) Perylene-d12	25.033	264	1654294	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1534523	83.438	ng		0.00
7) Phenol-d6	6.952	99	2042327	83.042	ng		0.00
23) Nitrobenzene-d5	8.916	82	1775974	85.391	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	772690	86.150	ng		0.01
45) 2-Fluorobiphenyl	13.016	172	3887020	80.493	ng		0.00
79) Terphenyl-d14	19.933	244	5993823	84.151	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	302738	41.527	ng		97
3) Pyridine	3.717	79	838808	42.089	ng		98
4) n-Nitrosodimethylamine	3.628	42	271310	40.754	ng	#	95
6) Aniline	7.105	93	937414	41.835	ng		98
8) 2-Chlorophenol	7.346	128	814334	40.993	ng		100
9) Benzaldehyde	6.922	77	451640	38.053	ng		97
10) Phenol	6.975	94	1027320	41.378	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	803492	41.038	ng		98
12) 1,3-Dichlorobenzene	7.658	146	870803	40.649	ng		100
13) 1,4-Dichlorobenzene	7.805	146	882974	40.368	ng		99
14) 1,2-Dichlorobenzene	8.122	146	839545	39.998	ng		100
15) Benzyl Alcohol	8.011	79	654557	42.039	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	843711	42.222	ng		98
17) 2-Methylphenol	8.211	107	658169	42.275	ng		98
18) Hexachloroethane	8.840	117	317863	40.961	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	606716	42.523	ng		100
20) 3+4-Methylphenols	8.534	107	896490	41.913	ng		100
22) Acetophenone	8.581	105	1232083	41.530	ng		100
24) Nitrobenzene	8.958	77	873464	42.572	ng		98
25) Isophorone	9.481	82	1541684	43.243	ng		100
26) 2-Nitrophenol	9.669	139	433004	44.182	ng		98
27) 2,4-Dimethylphenol	9.728	122	528942	41.973	ng		98
28) bis(2-Chloroethoxy)met...	9.963	93	1054466	42.043	ng		99
29) 2,4-Dichlorophenol	10.199	162	729792	42.809	ng		98
30) 1,2,4-Trichlorobenzene	10.410	180	763746	40.549	ng		99
31) Naphthalene	10.605	128	2580706	41.488	ng		100
32) Benzoic acid	9.863	122	555343	45.185	ng		100
33) 4-Chloroaniline	10.705	127	940754	42.261	ng		99
34) Hexachlorobutadiene	10.887	225	434685	40.101	ng		98
35) Caprolactam	11.493	113	257074	46.011	ng		97
36) 4-Chloro-3-methylphenol	11.840	107	799711	43.485	ng		99
37) 2-Methylnaphthalene	12.210	142	1749345	41.629	ng		100
38) 1-Methylnaphthalene	12.428	142	1688556	41.312	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	830463	40.347	ng		100
41) Hexachlorocyclopentadiene	12.563	237	306506	41.311	ng		98
43) 2,4,6-Trichlorophenol	12.828	196	551712	42.177	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	606798	42.299	ng	99
46) 1,1'-Biphenyl	13.234	154	2190701	40.942	ng	99
47) 2-Chloronaphthalene	13.275	162	1624413	40.362	ng	99
48) 2-Nitroaniline	13.475	65	468062	45.470	ng	95
49) Acenaphthylene	14.122	152	2545636	41.802	ng	100
50) Dimethylphthalate	13.863	163	2087636	41.901	ng	100
51) 2,6-Dinitrotoluene	13.981	165	453615	43.271	ng	100
52) Acenaphthene	14.475	154	1611256	41.411	ng	99
53) 3-Nitroaniline	14.316	138	504903	44.593	ng	97
54) 2,4-Dinitrophenol	14.528	184	254373	45.859	ng	97
55) Dibenzofuran	14.810	168	2590493	41.102	ng	98
56) 4-Nitrophenol	14.640	139	438706	46.371	ng	97
57) 2,4-Dinitrotoluene	14.781	165	625765	45.191	ng	98
58) Fluorene	15.475	166	2022327	41.183	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	536689	42.344	ng	99
60) Diethylphthalate	15.251	149	2130607	42.942	ng	100
61) 4-Chlorophenyl-phenyle...	15.475	204	970246	40.284	ng	98
62) 4-Nitroaniline	15.493	138	532563	44.847	ng	98
63) Azobenzene	15.769	77	2027384	43.353	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	347340	42.395	ng	100
66) n-Nitrosodiphenylamine	15.693	169	1728077	41.235	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	606490	40.028	ng	99
68) Hexachlorobenzene	16.504	284	719481	40.119	ng	99
69) Atrazine	16.669	200	433531	42.859	ng	99
70) Pentachlorophenol	16.863	266	503982	43.456	ng	100
71) Phenanthrene	17.263	178	3083668	40.902	ng	100
72) Anthracene	17.345	178	3039833	41.398	ng	100
73) Carbazole	17.628	167	3013012	42.549	ng	99
74) Di-n-butylphthalate	18.222	149	3711096	44.147	ng	100
75) Fluoranthene	19.333	202	3697085	42.341	ng	99
77) Benzidine	19.533	184	1222191	76.030	ng	99
78) Pyrene	19.710	202	3866558	42.301	ng	99
80) Butylbenzylphthalate	20.657	149	1702434	45.164	ng	97
81) Benzo(a)anthracene	21.633	228	3832104	41.922	ng	100
82) 3,3'-Dichlorobenzidine	21.569	252	1401662	45.751	ng	100
83) Chrysene	21.698	228	3634359	41.358	ng	99
84) Bis(2-ethylhexyl)phtha...	21.580	149	2547023	44.781	ng	99
85) Di-n-octyl phthalate	22.874	149	4236142	46.485	ng	99
87) Indeno(1,2,3-cd)pyrene	28.880	276	4103902	35.545	ng	93
88) Benzo(b)fluoranthene	23.969	252	4176870	41.876	ng	99
89) Benzo(k)fluoranthene	24.033	252	3945832	40.442	ng	99
90) Benzo(a)pyrene	24.880	252	3577625	41.248	ng	99
91) Dibenzo(a,h)anthracene	28.974	278	3938270	41.000	ng	98
92) Benzo(g,h,i)perylene	30.080	276	4004395	41.010	ng	97

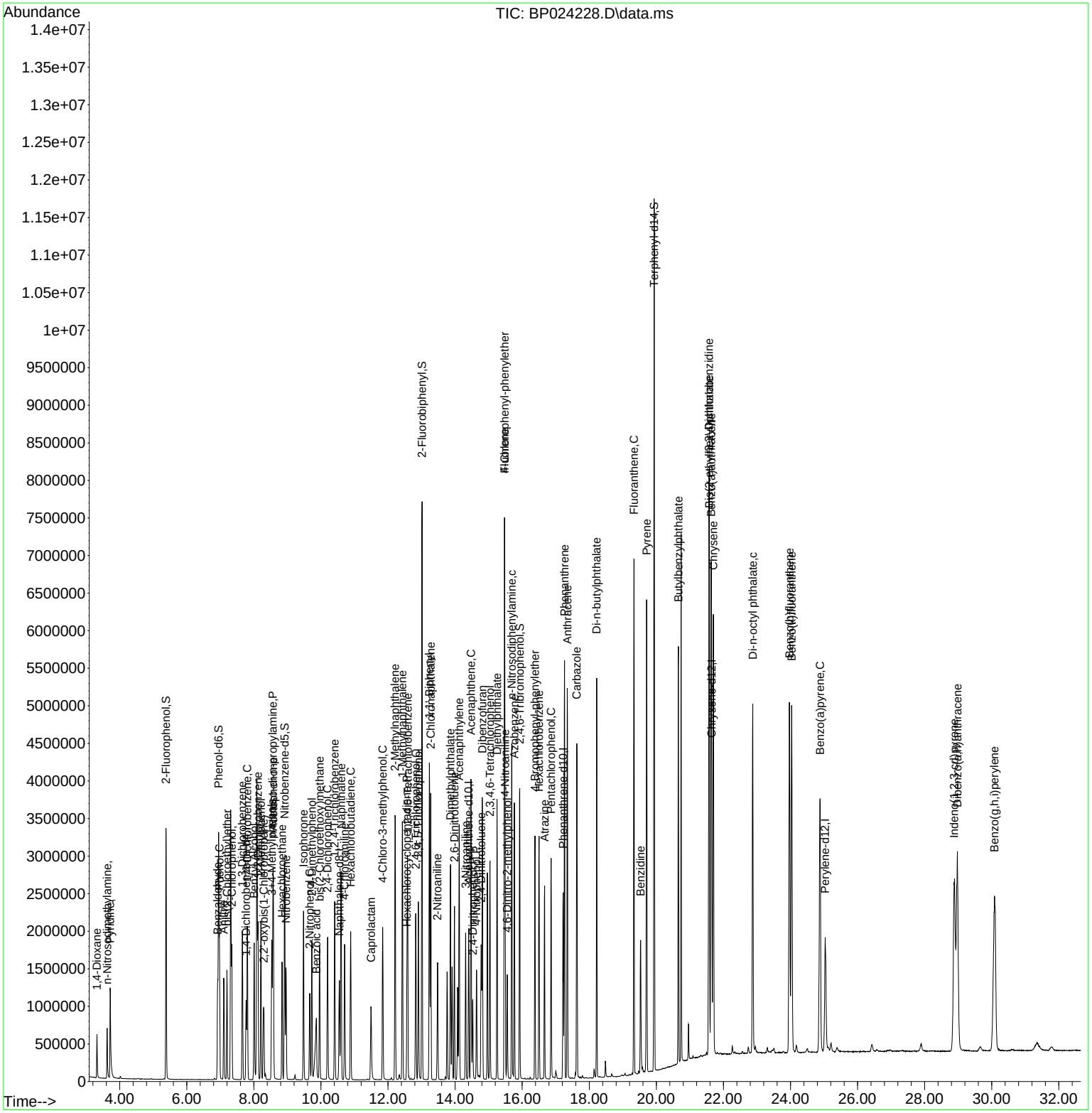
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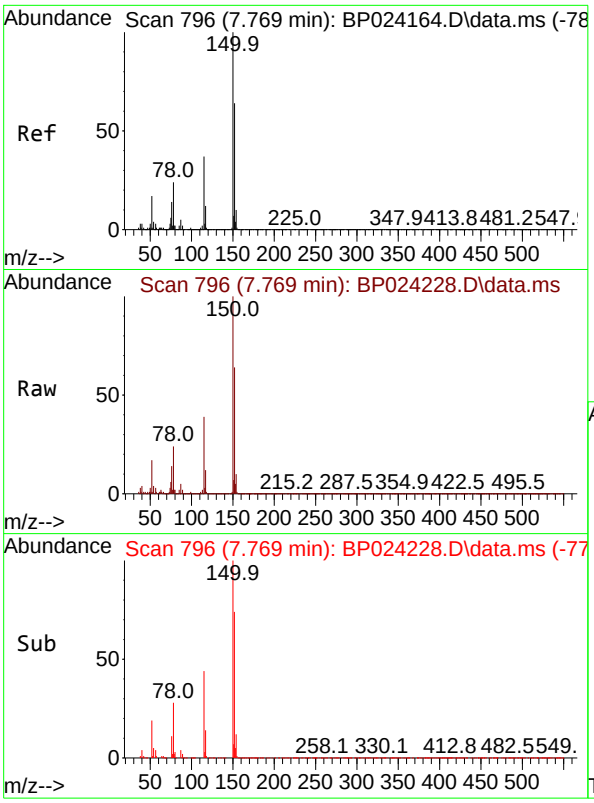
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024228.D
Acq On : 09 Apr 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



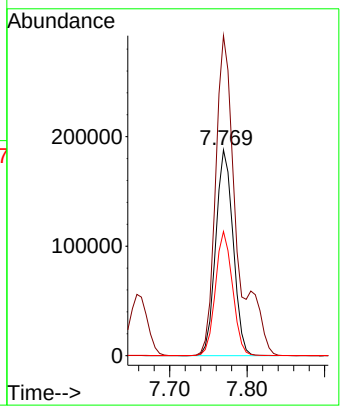


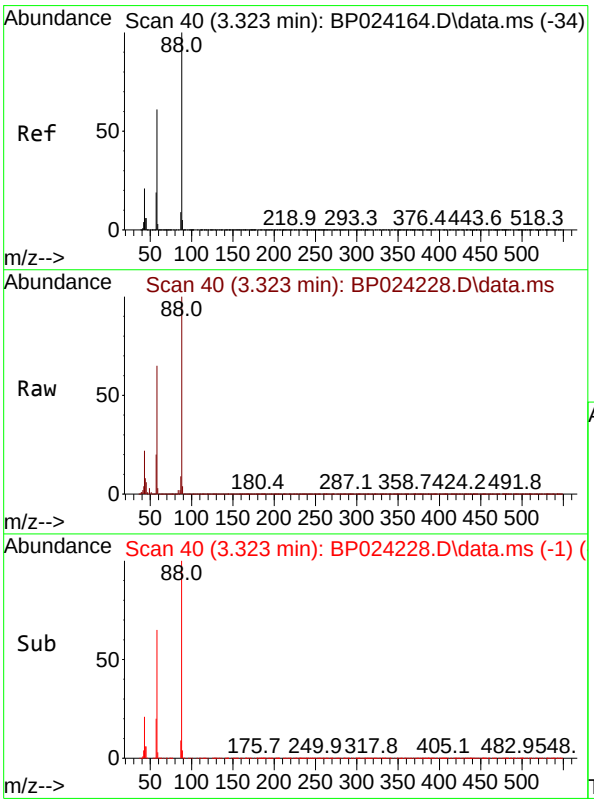
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 293576

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.5	188.3
115	60.3	46.3	69.5

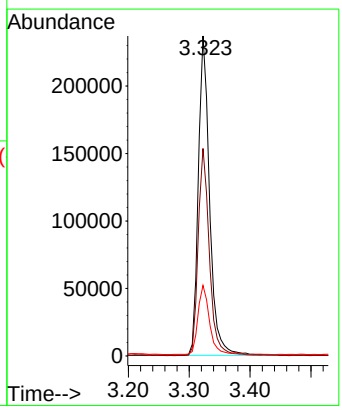


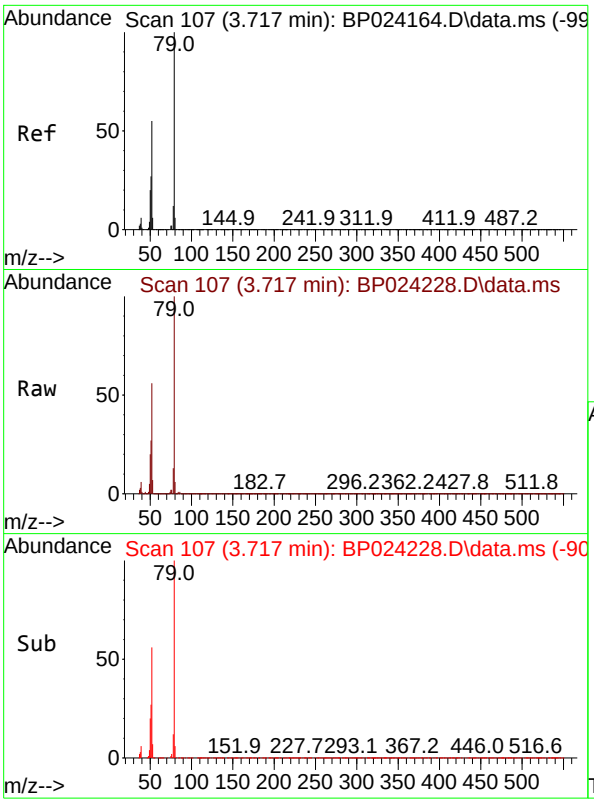


#2
1,4-Dioxane
Concen: 41.527 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 88 Resp: 302738

Ion	Ratio	Lower	Upper
88	100		
58	64.9	49.8	74.6
43	22.2	17.3	25.9



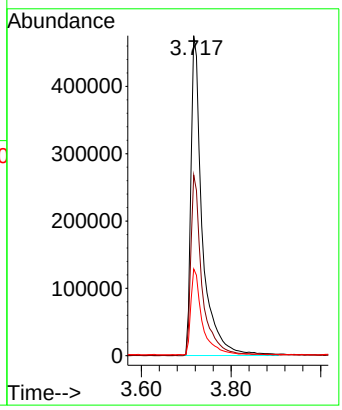


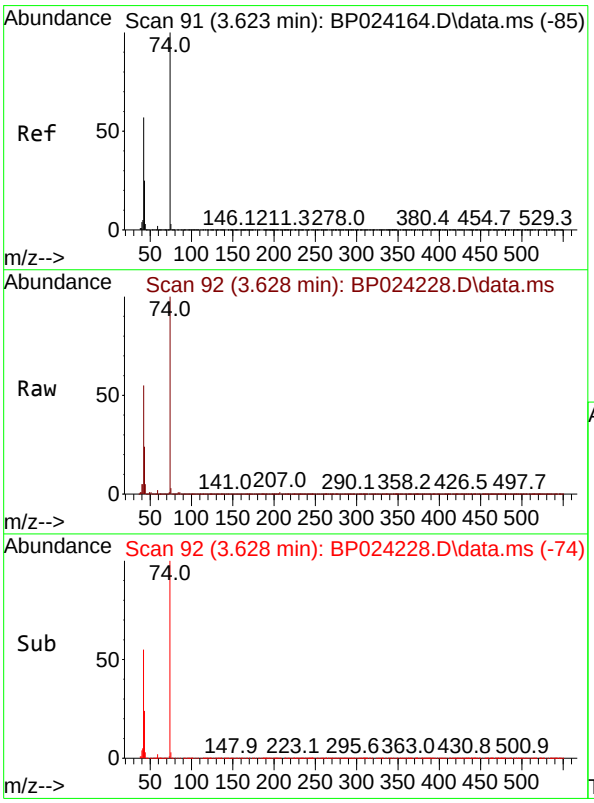
#3
Pyridine
Concen: 42.089 ng
RT: 3.717 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 838808

Ion	Ratio	Lower	Upper
79	100		
52	56.5	43.8	65.8
51	27.1	21.6	32.4

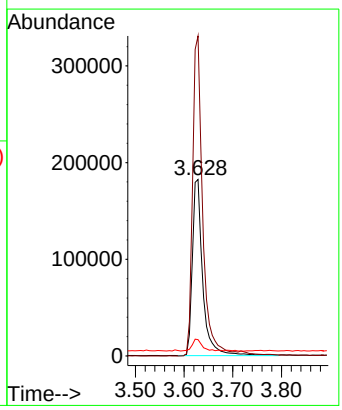


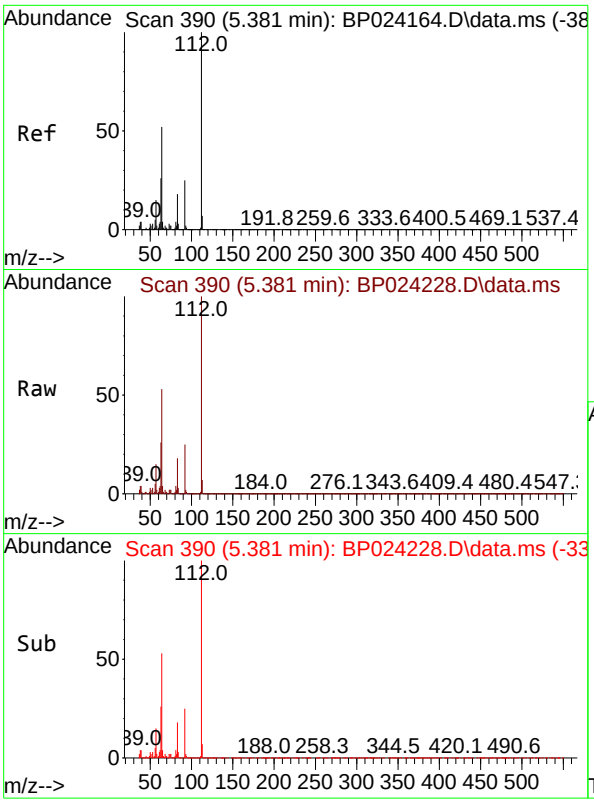


#4
n-Nitrosodimethylamine
Concen: 40.754 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 42 Resp: 271310

Ion	Ratio	Lower	Upper
42	100		
74	181.3	139.8	209.6
44	9.2	5.3	7.9#



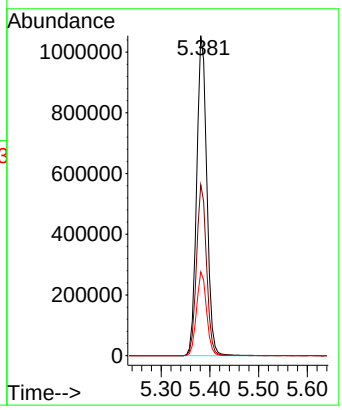


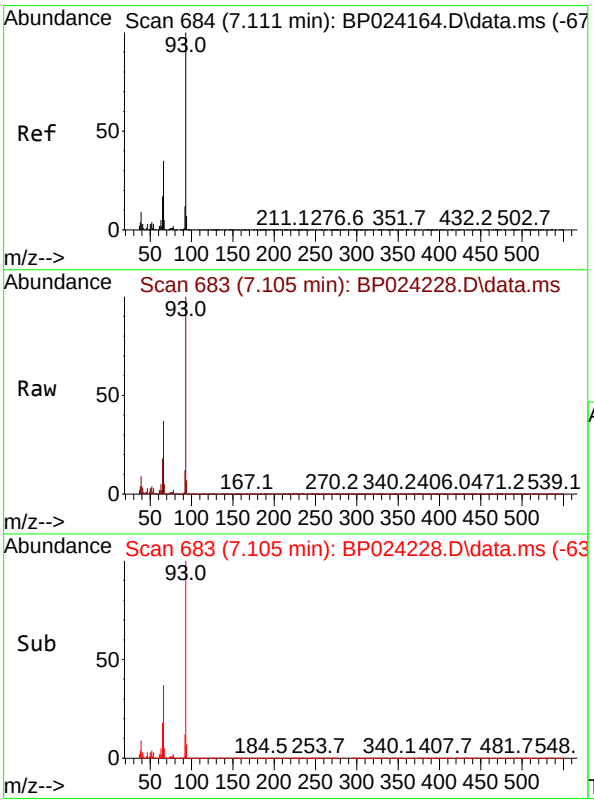
#5
2-Fluorophenol
Concen: 83.438 ng
RT: 5.381 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1534523

Ion	Ratio	Lower	Upper
112	100		
64	53.4	41.3	61.9
63	26.2	20.6	31.0

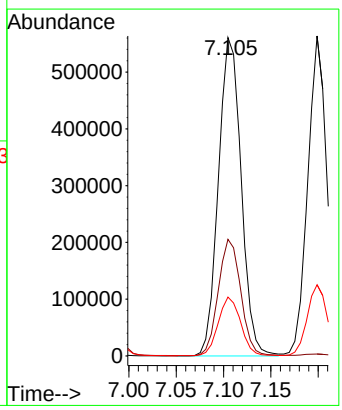


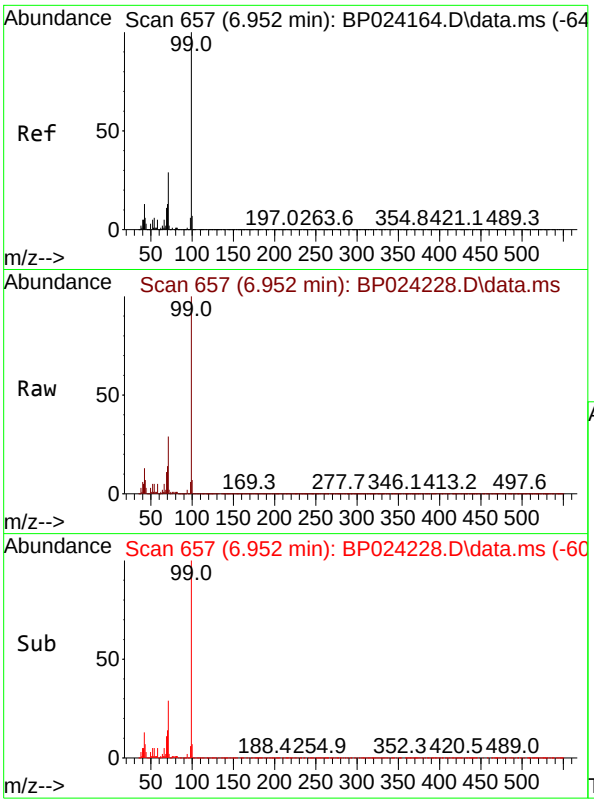


#6
Aniline
Concen: 41.835 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 93 Resp: 937414

Ion	Ratio	Lower	Upper
93	100		
66	36.6	28.2	42.2
65	18.5	14.0	21.0



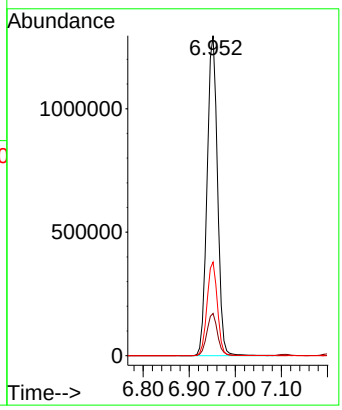


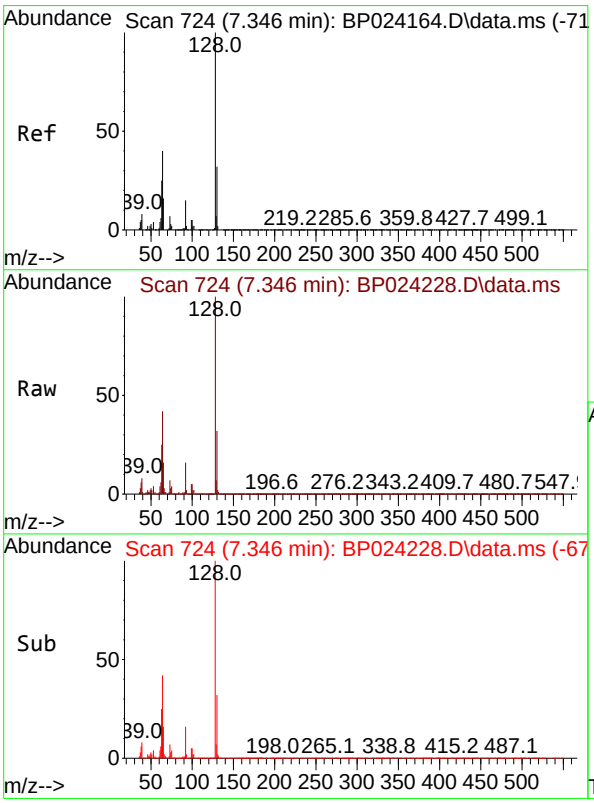
#7
Phenol-d6
Concen: 83.042 ng
RT: 6.952 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2042327

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	16.0
71	29.3	23.3	34.9

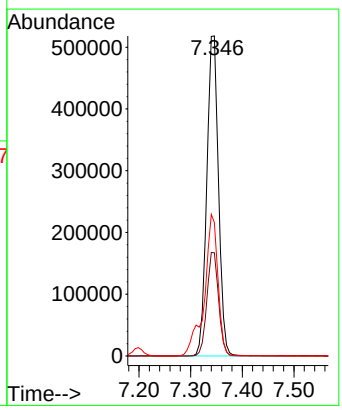


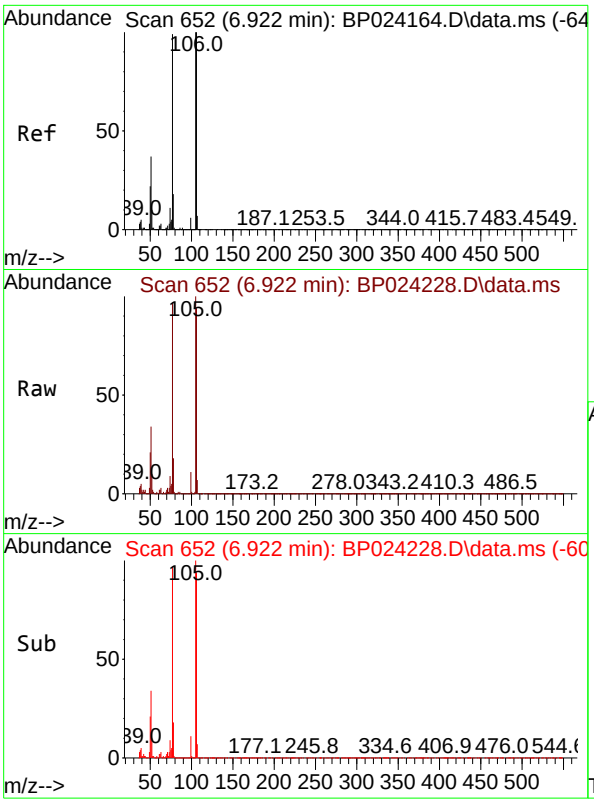


#8
2-Chlorophenol
Concen: 40.993 ng
RT: 7.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:128 Resp: 814334

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	41.7	21.6	61.6



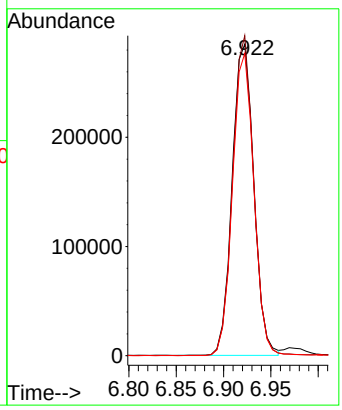


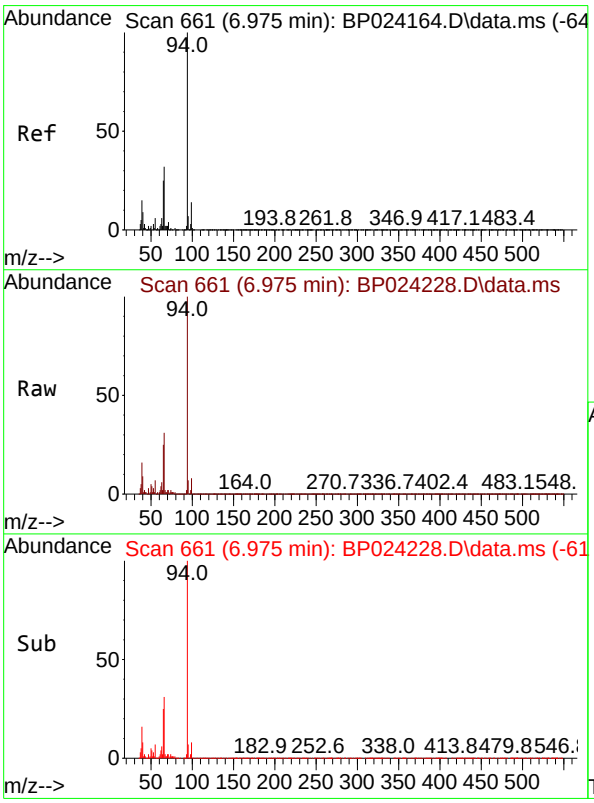
#9
Benzaldehyde
Concen: 38.053 ng
RT: 6.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 451640

Ion	Ratio	Lower	Upper
77	100		
105	102.7	81.4	121.4
106	97.0	81.1	121.1

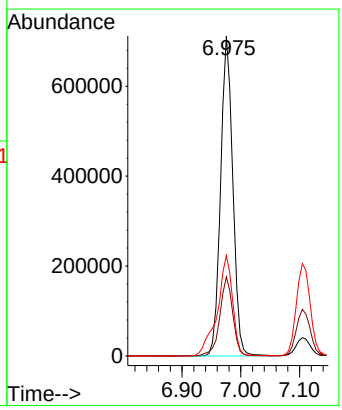


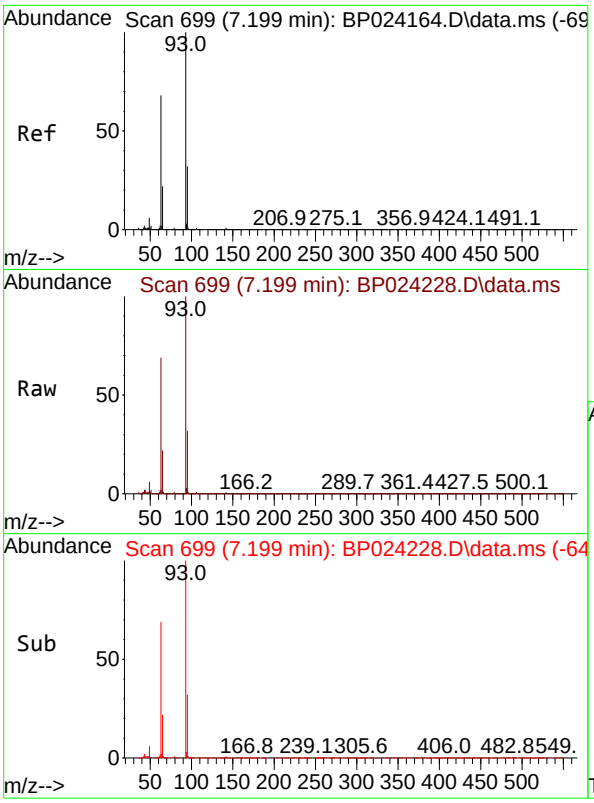


#10
Phenol
Concen: 41.378 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 94 Resp: 1027320

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.9	44.9
66	31.3	11.9	51.9



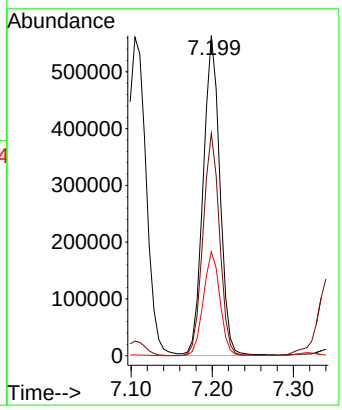


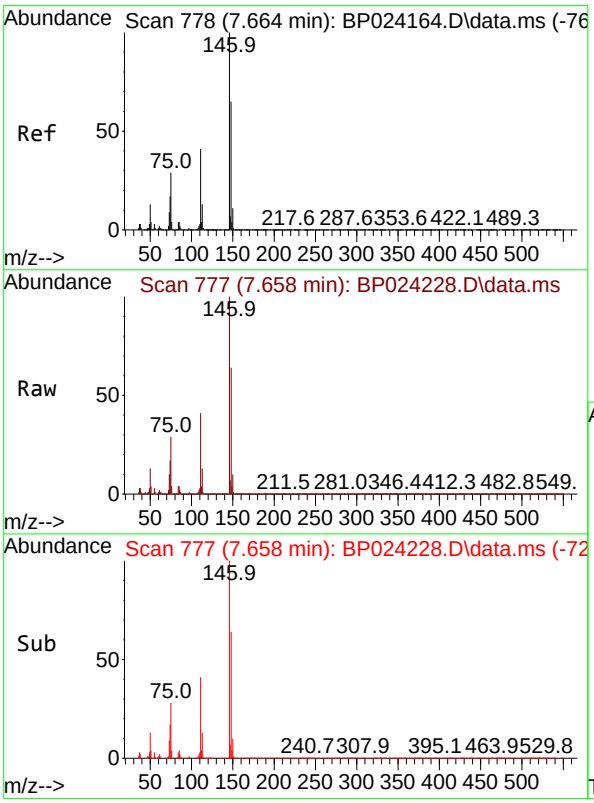
#11
bis(2-Chloroethyl)ether
Concen: 41.038 ng
RT: 7.199 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 803492

Ion	Ratio	Lower	Upper
93	100		
63	69.5	47.4	87.4
95	32.5	12.1	52.1

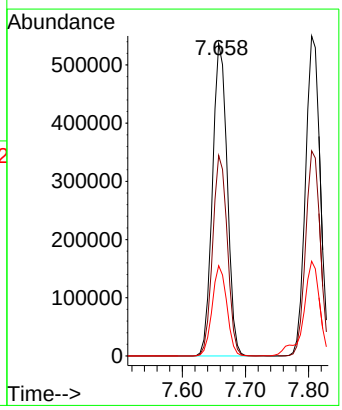


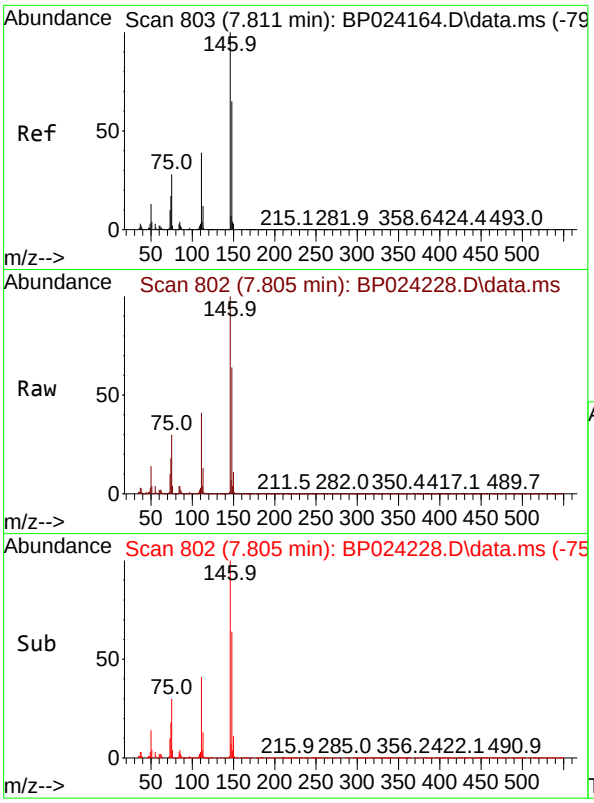


#12
1,3-Dichlorobenzene
Concen: 40.649 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:146 Resp: 870803

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.9	22.8	34.2



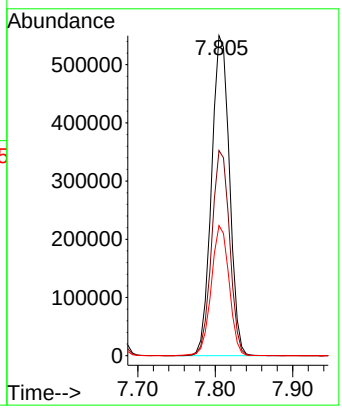


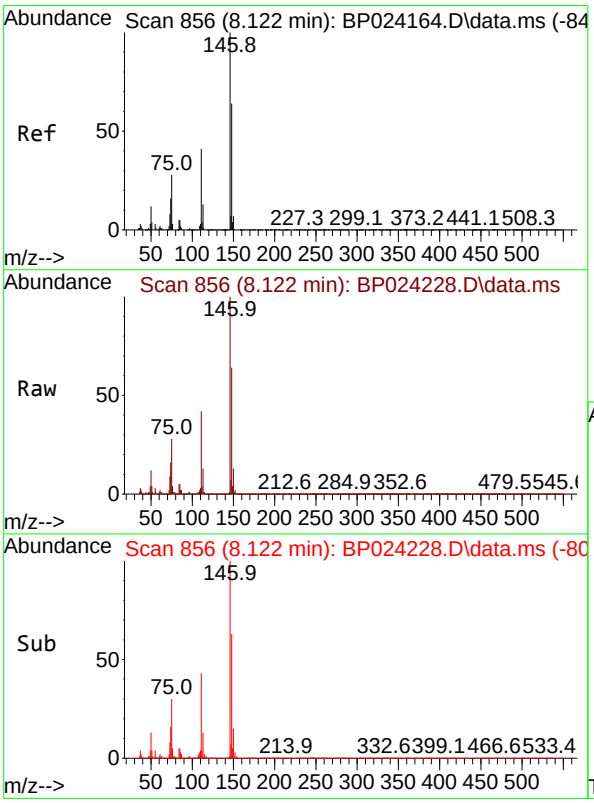
#13
1,4-Dichlorobenzene
Concen: 40.368 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 882974

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	40.7	31.4	47.2

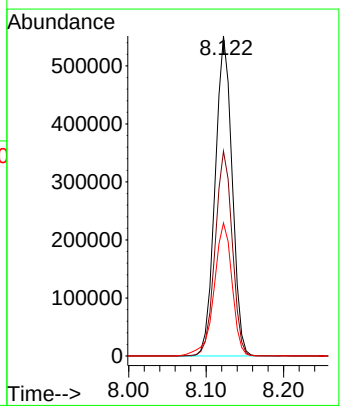


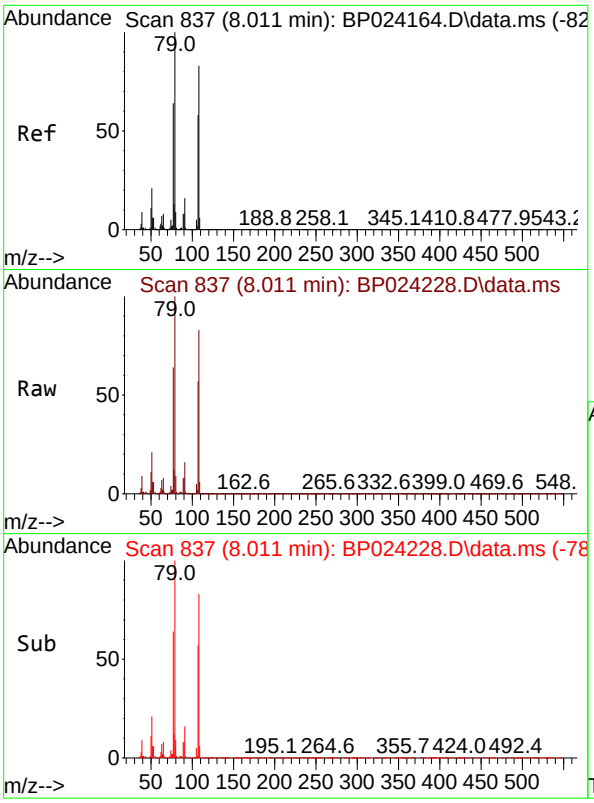


#14
1,2-Dichlorobenzene
Concen: 39.998 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:146 Resp: 839545

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
111	41.6	33.2	49.8



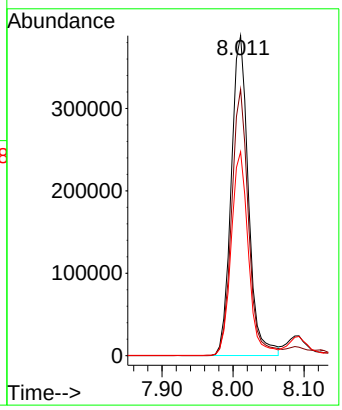


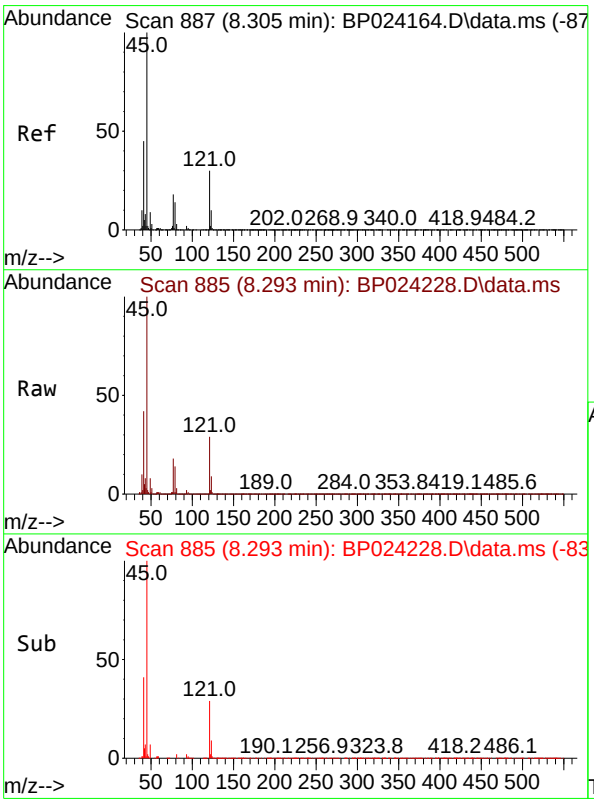
#15
Benzyl Alcohol
Concen: 42.039 ng
RT: 8.011 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 654557

Ion	Ratio	Lower	Upper
79	100		
108	83.3	66.5	99.7
77	63.7	50.9	76.3

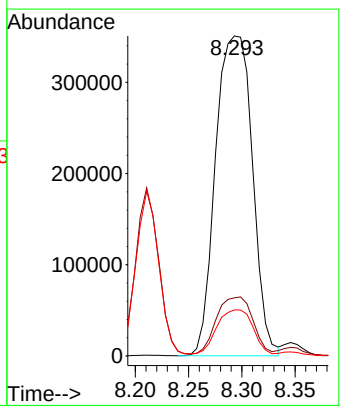


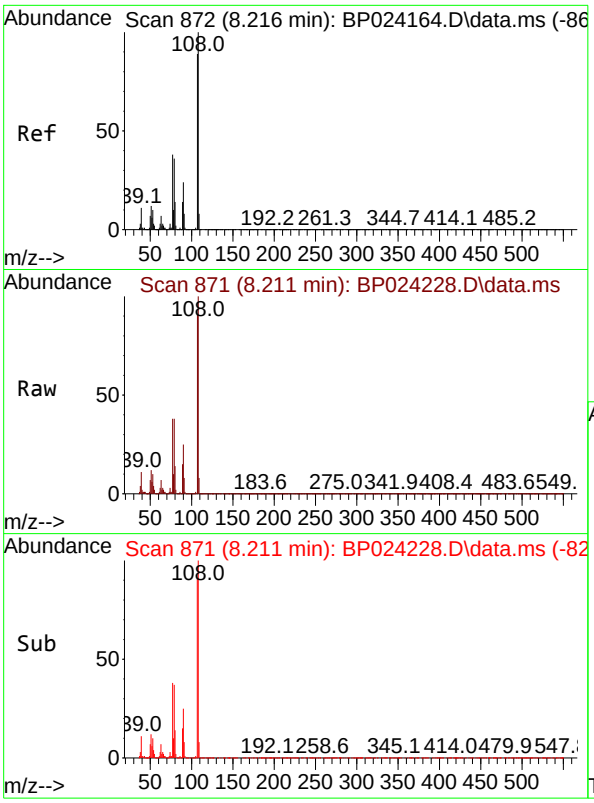


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.222 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 45 Resp: 843711

Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	39.0
79	14.4	0.0	35.6



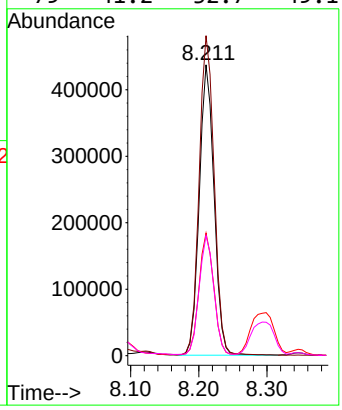


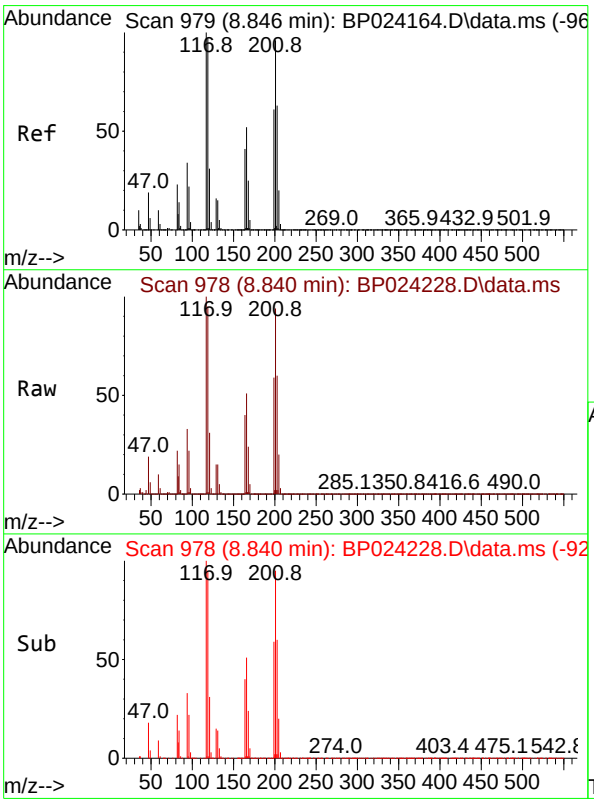
#17
2-Methylphenol
Concen: 42.275 ng
RT: 8.211 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 658169

Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.0	135.0
77	42.1	34.0	51.0
79	41.2	32.7	49.1

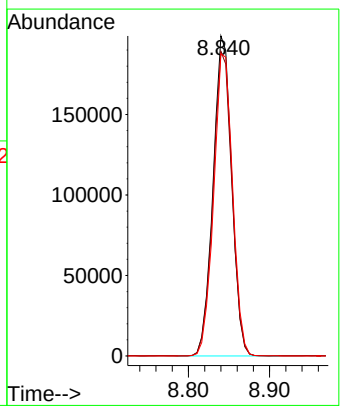


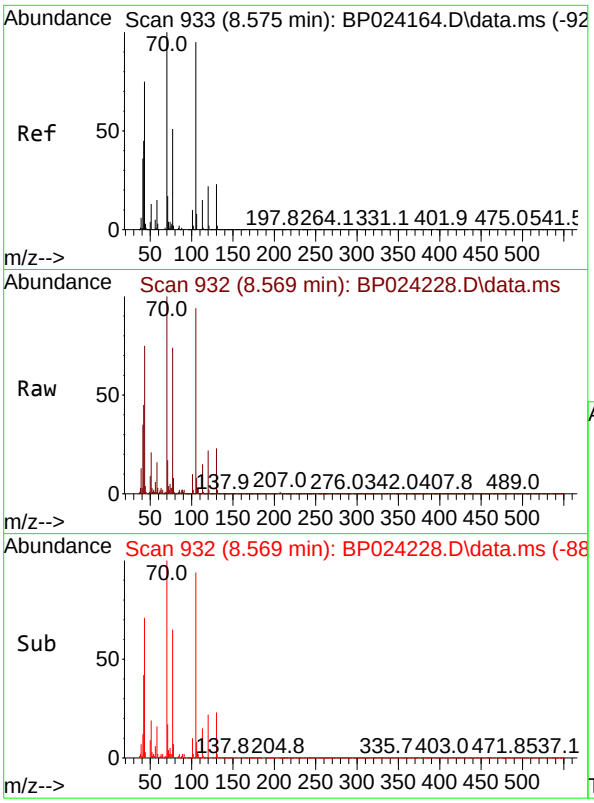


#18
Hexachloroethane
Concen: 40.961 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:117 Resp: 317863

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	94.5	76.6	114.8



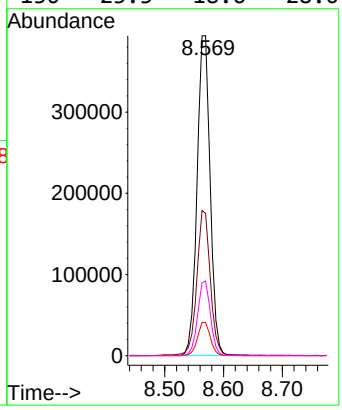


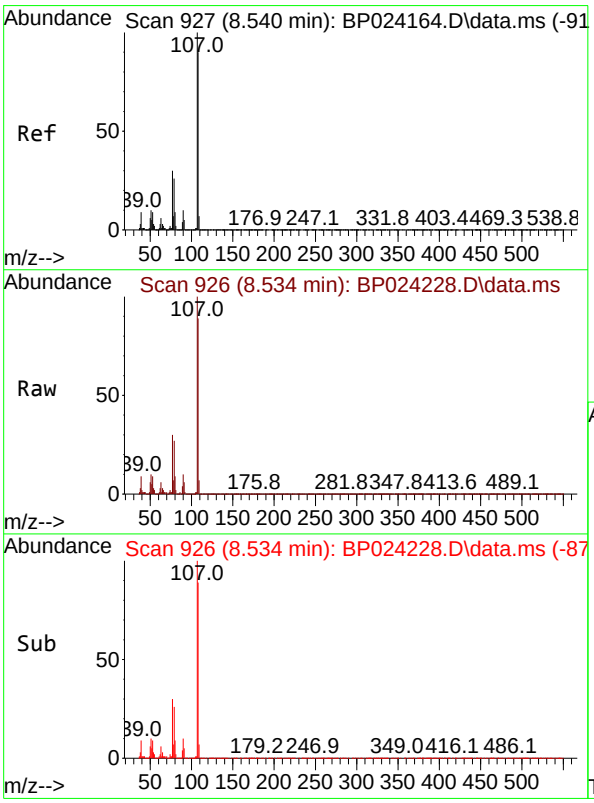
#19
n-Nitroso-di-n-propylamine
Concen: 42.523 ng
RT: 8.569 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 606716

Ion	Ratio	Lower	Upper
70	100		
42	44.5	36.0	54.0
101	10.3	8.3	12.5
130	23.3	18.6	28.0

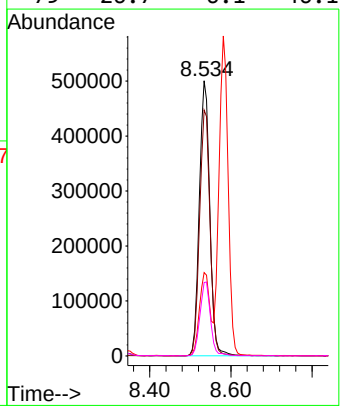


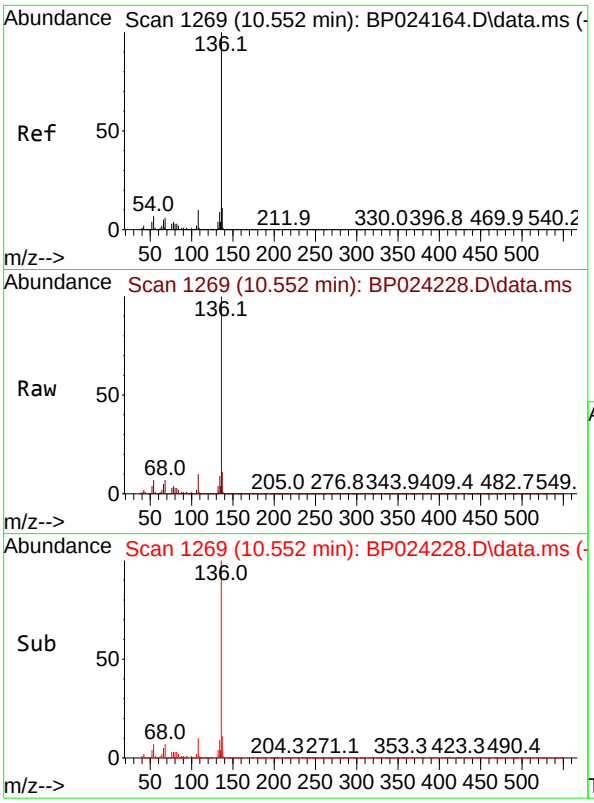


#20
3+4-Methylphenols
Concen: 41.913 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:107 Resp: 896490

Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.7	109.7
77	30.3	10.3	50.3
79	26.7	6.1	46.1



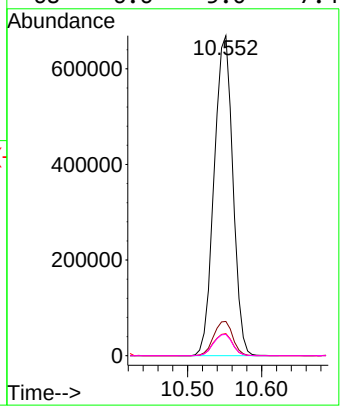


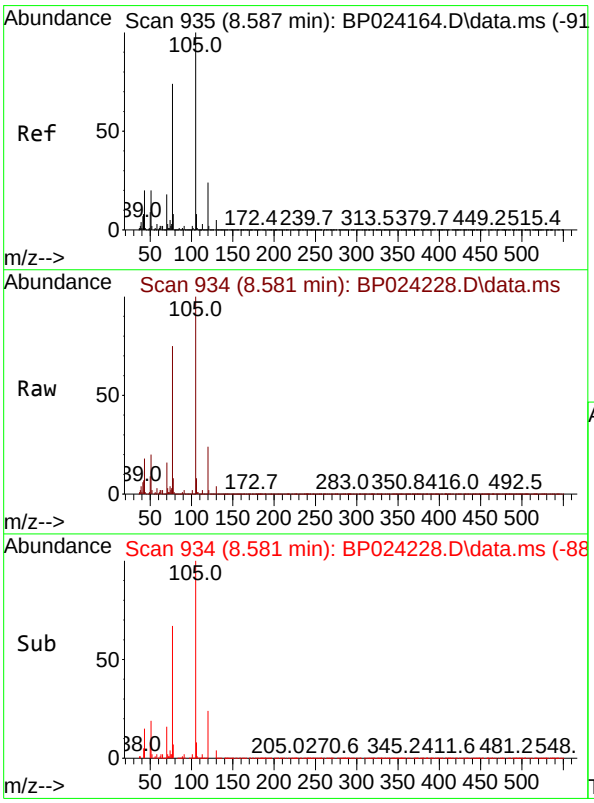
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1173450

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.9	5.3	7.9
68	6.6	5.0	7.4

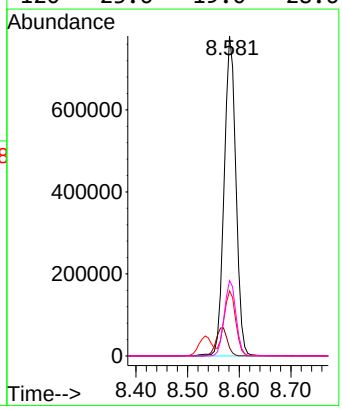


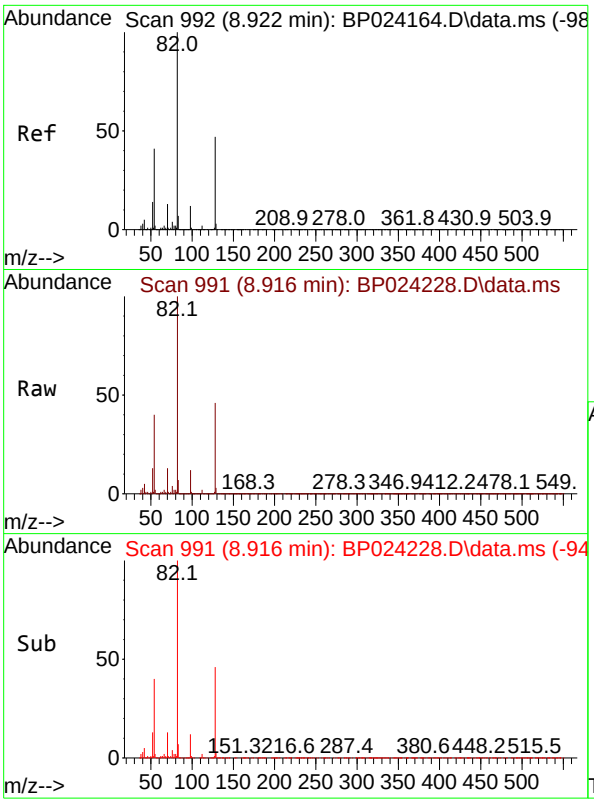


#22
Acetophenone
Concen: 41.530 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:105 Resp: 1232083

Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.4	3.6
51	20.3	16.2	24.2
120	23.6	19.0	28.6



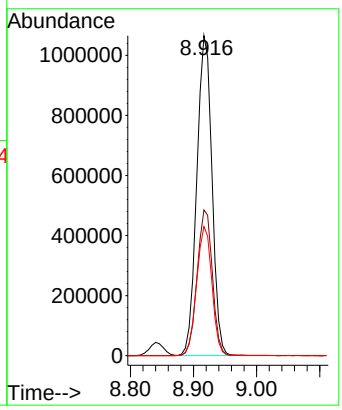


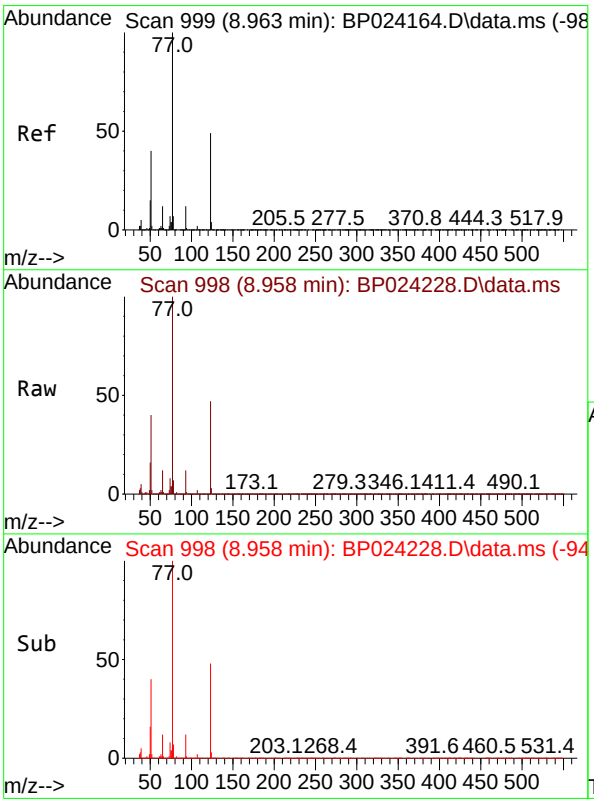
#23
Nitrobenzene-d5
Concen: 85.391 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1775974

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.0
54	40.3	32.5	48.7

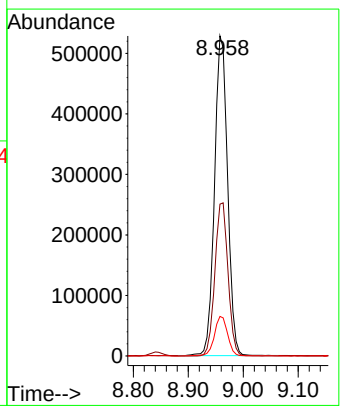


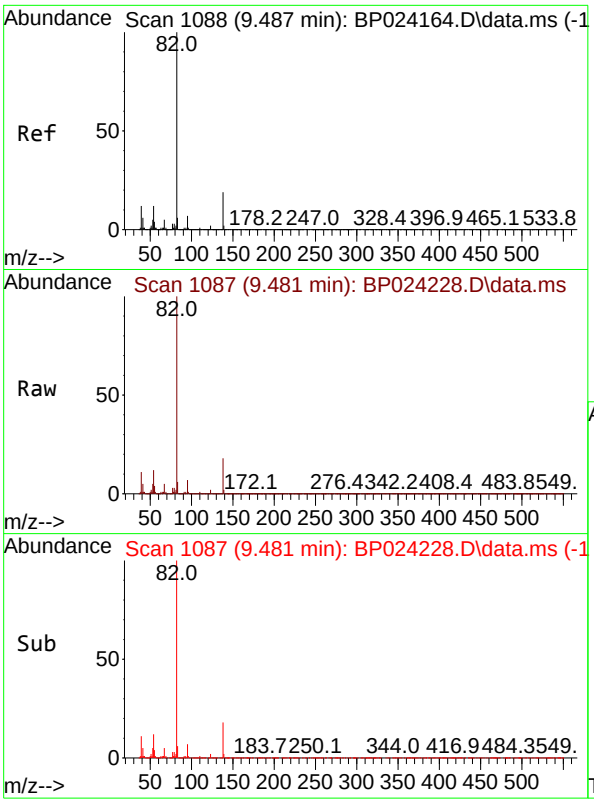


#24
Nitrobenzene
Concen: 42.572 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 77 Resp: 873464

Ion	Ratio	Lower	Upper
77	100		
123	47.5	39.4	59.2
65	12.4	9.9	14.9



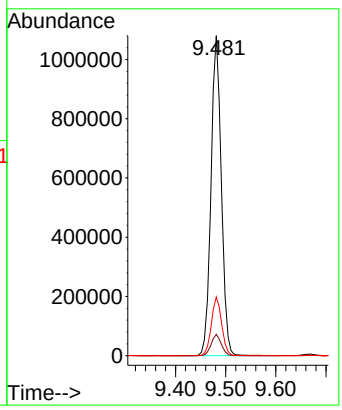


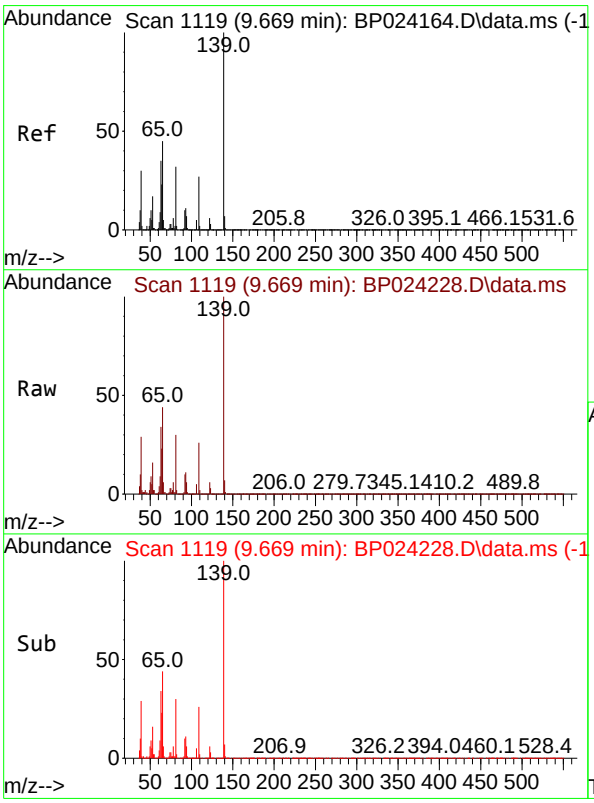
#25
Isophorone
Concen: 43.243 ng
RT: 9.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1541684

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.3	14.8	22.2

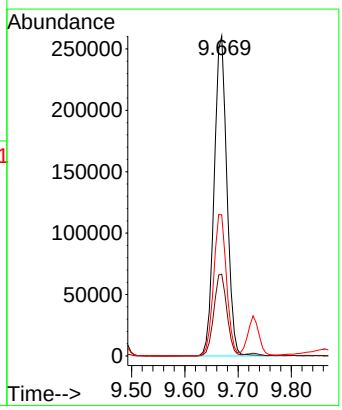


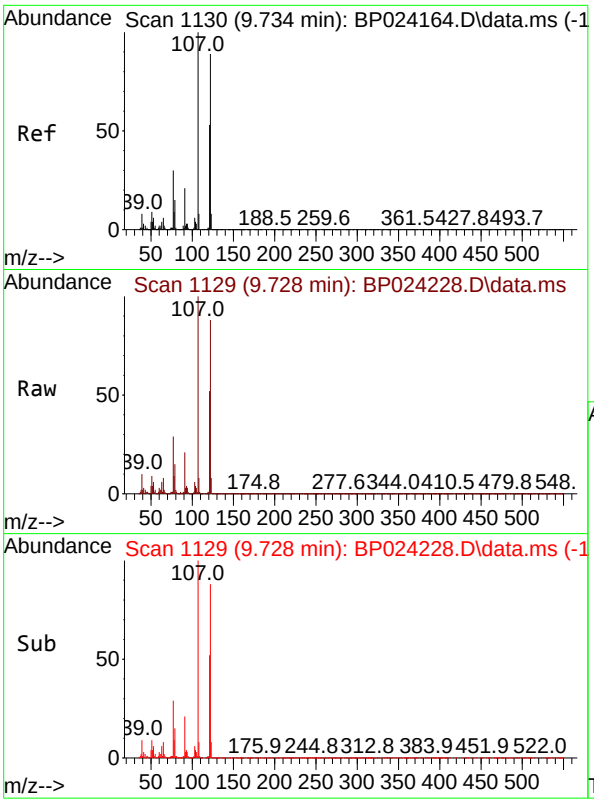


#26
2-Nitrophenol
Concen: 44.182 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:139 Resp: 433004

Ion	Ratio	Lower	Upper
139	100		
109	25.6	21.7	32.5
65	44.1	35.8	53.8



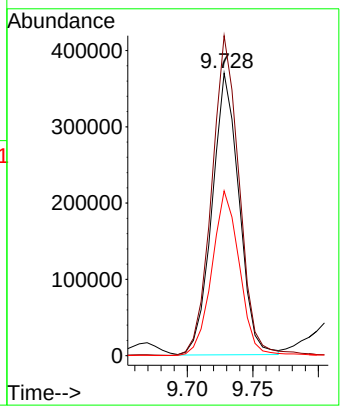


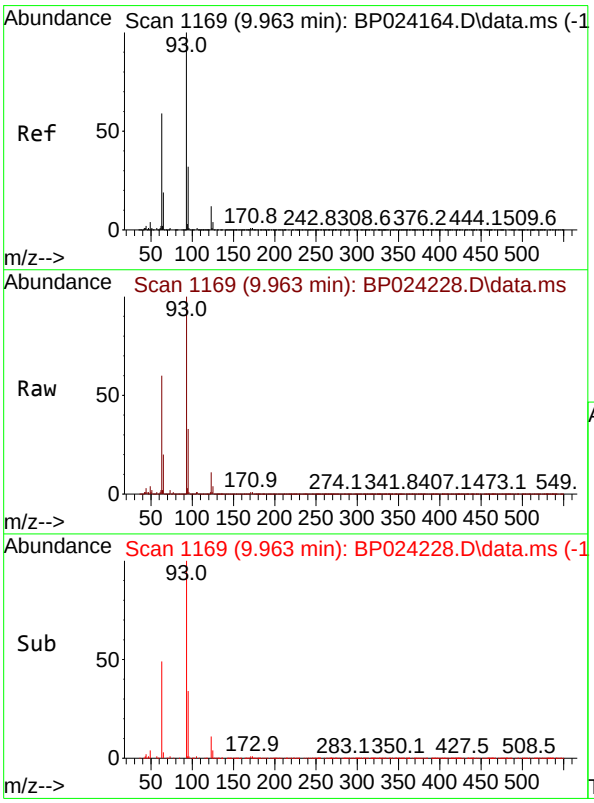
#27
2,4-Dimethylphenol
Concen: 41.973 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 528942

Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.3	133.9
121	58.4	47.5	71.3

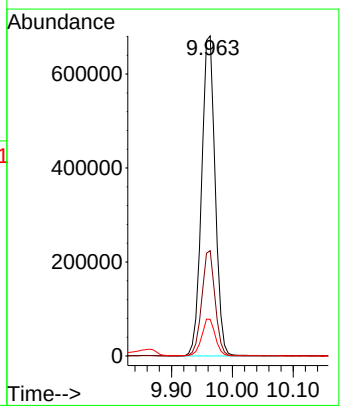


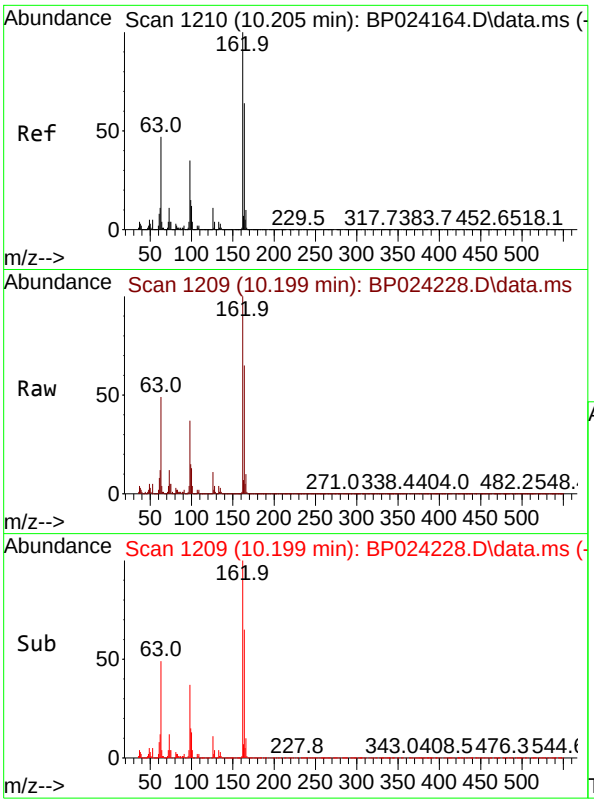


#28
bis(2-Chloroethoxy)methane
Concen: 42.043 ng
RT: 9.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 93 Resp: 1054466

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	11.5	9.5	14.3



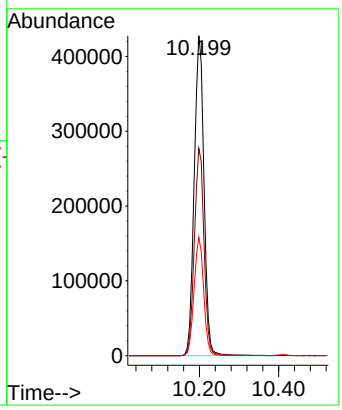


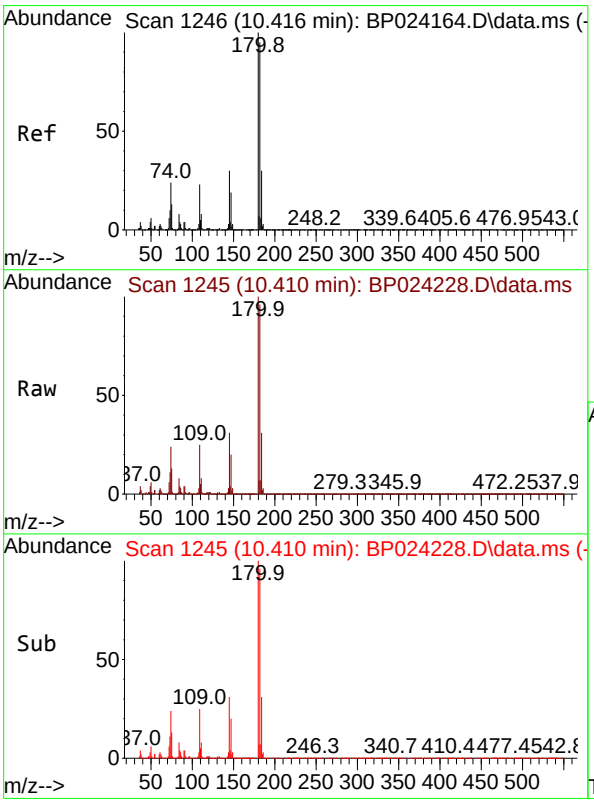
#29
2,4-Dichlorophenol
Concen: 42.809 ng
RT: 10.199 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 729792

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.2	84.2
98	36.9	15.1	55.1

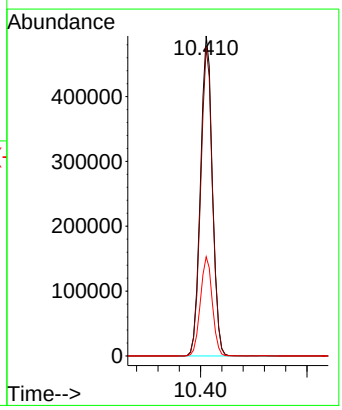


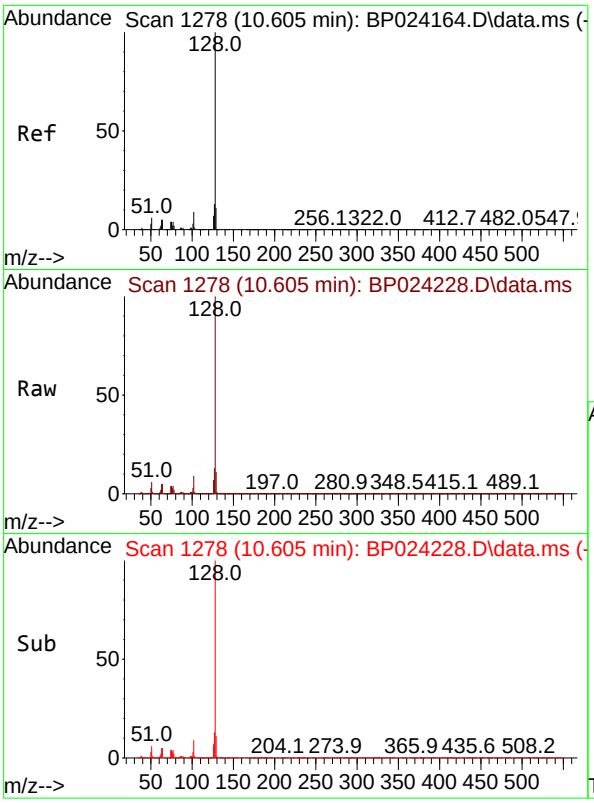


#30
1,2,4-Trichlorobenzene
Concen: 40.549 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:180 Resp: 763746

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.1	114.1
145	31.0	24.2	36.2



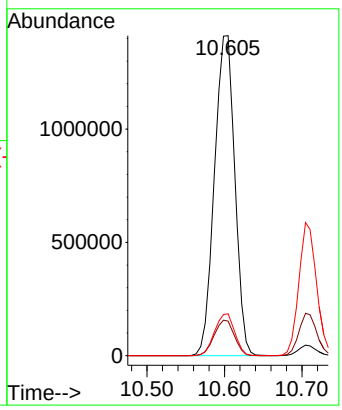


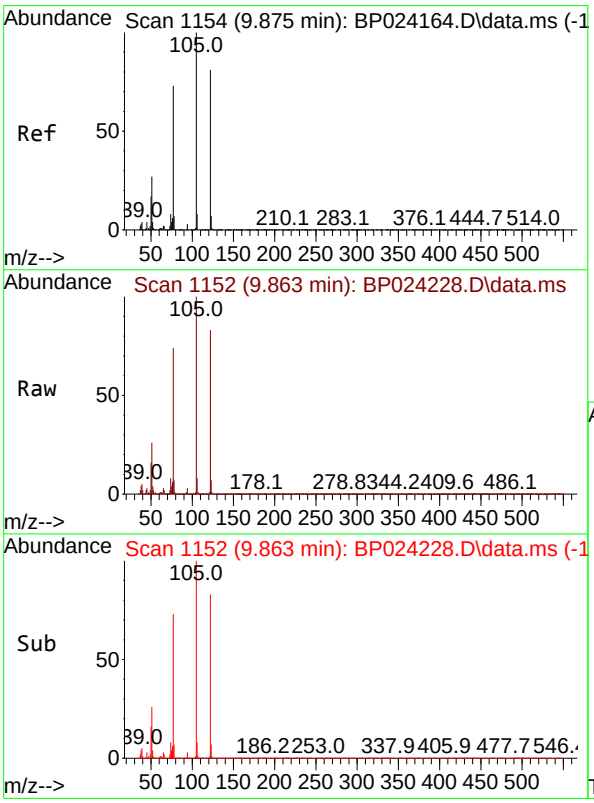
#31
Naphthalene
Concen: 41.488 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2580706

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.4	15.6

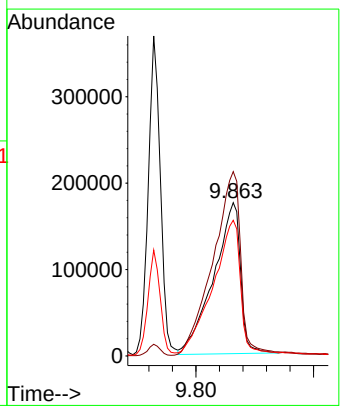


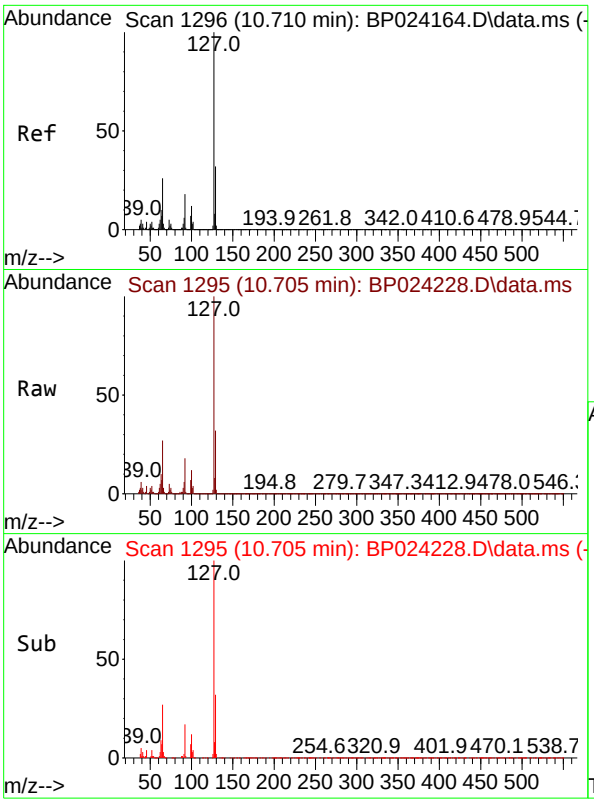


#32
Benzoic acid
Concen: 45.185 ng
RT: 9.863 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:122 Resp: 555343

Ion	Ratio	Lower	Upper
122	100		
105	120.2	100.3	140.3
77	88.5	69.1	109.1



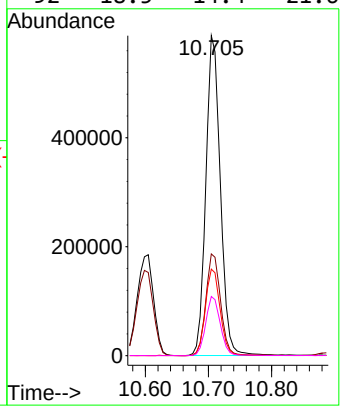


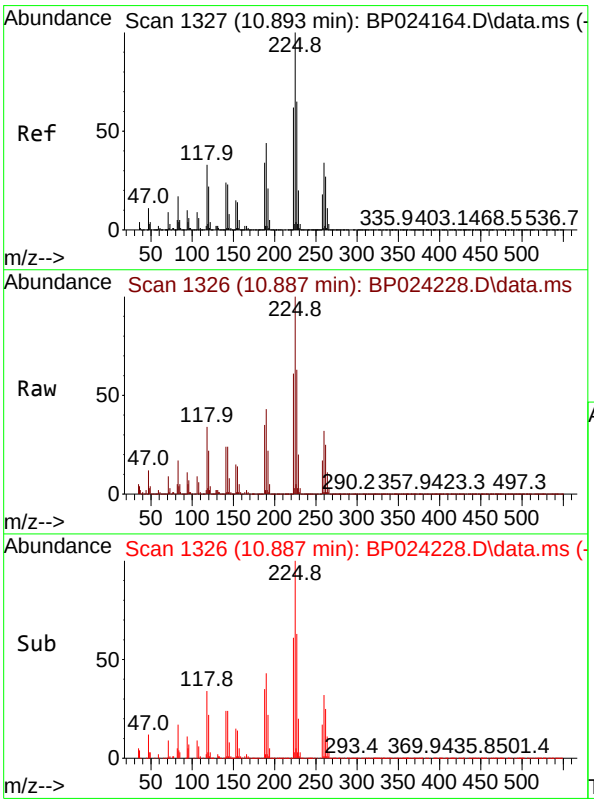
#33
4-Chloroaniline
Concen: 42.261 ng
RT: 10.705 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 940754

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	27.0	21.2	31.8
92	18.5	14.4	21.6

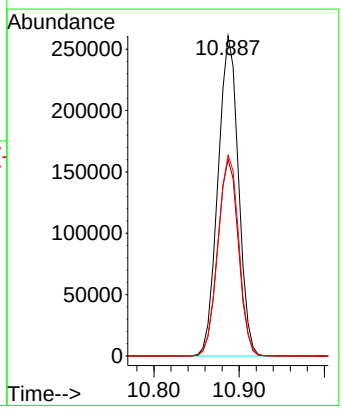


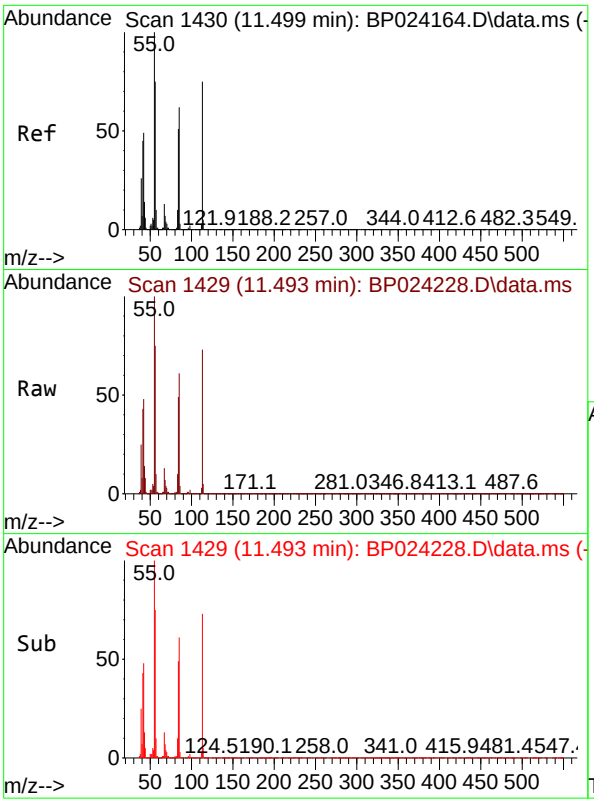


#34
Hexachlorobutadiene
Concen: 40.101 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:225 Resp: 434685

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.9	74.9
227	62.7	52.2	78.2



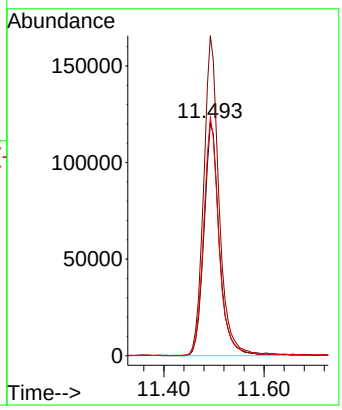


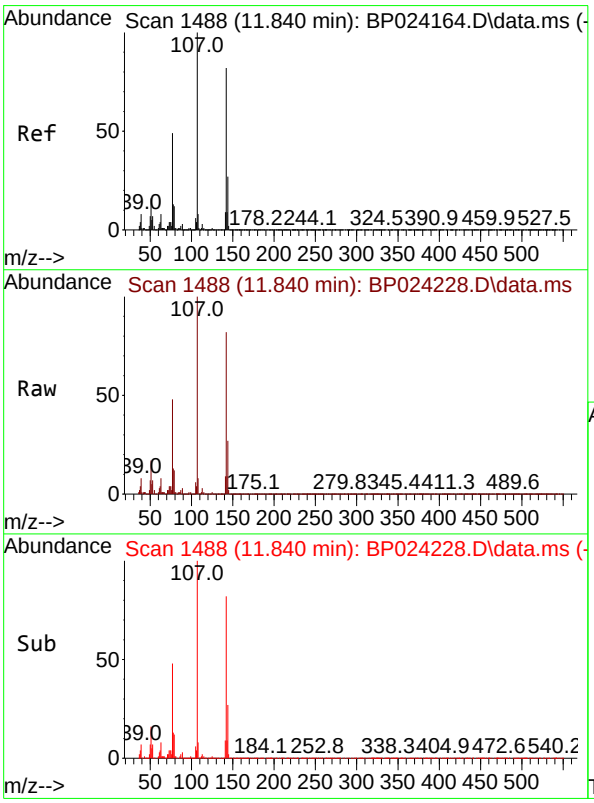
#35
Caprolactam
Concen: 46.011 ng
RT: 11.493 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 257074

Ion	Ratio	Lower	Upper
113	100		
55	137.5	113.6	153.6
56	102.4	80.0	120.0

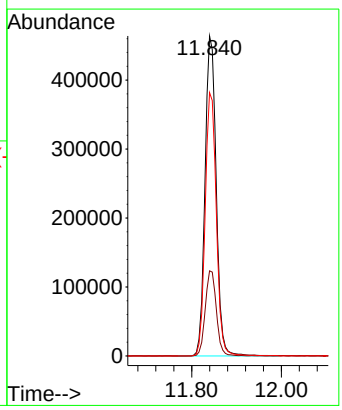


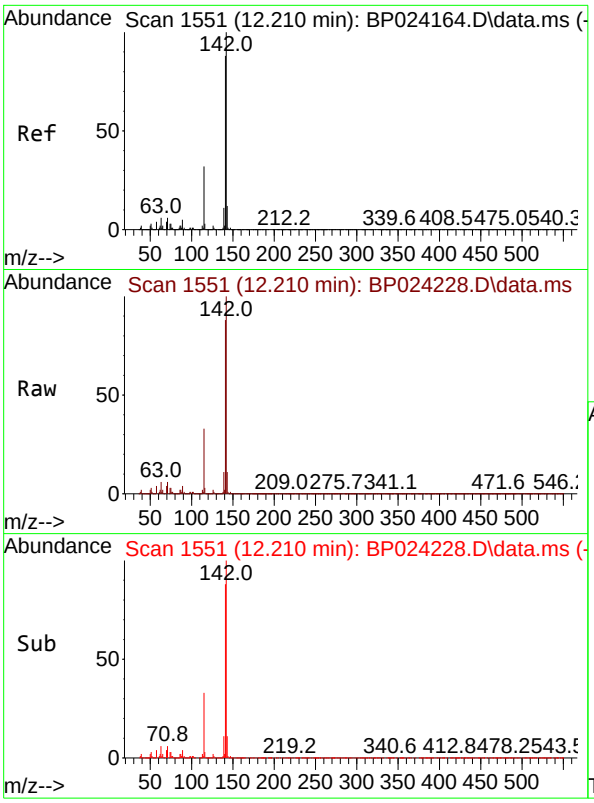


#36
4-Chloro-3-methylphenol
Concen: 43.485 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:107 Resp: 799711

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.6	32.4
142	82.3	65.4	98.0



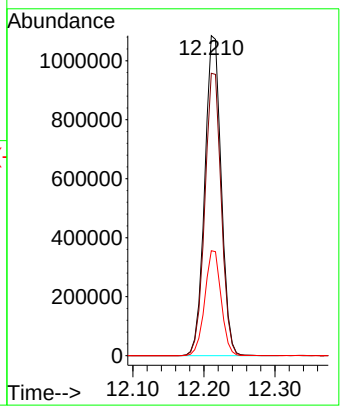


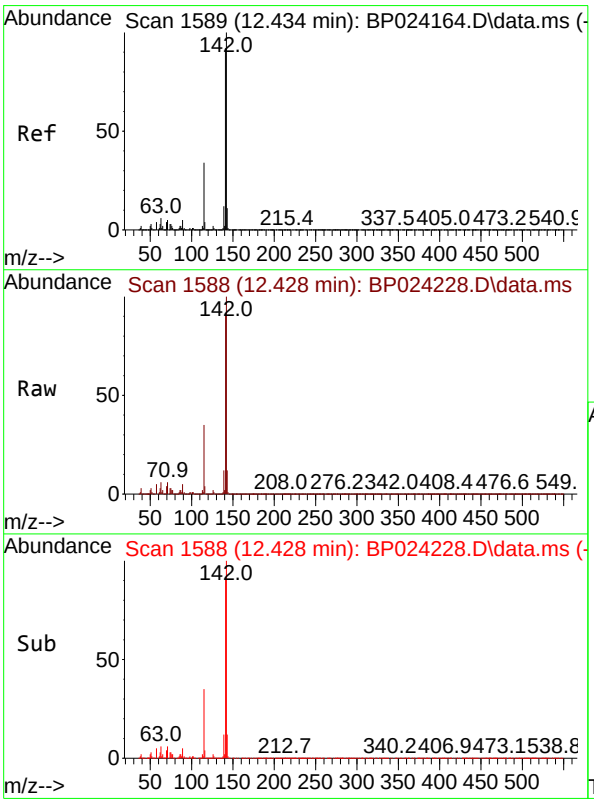
#37
2-Methylnaphthalene
Concen: 41.629 ng
RT: 12.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1749345

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	32.8	26.0	39.0

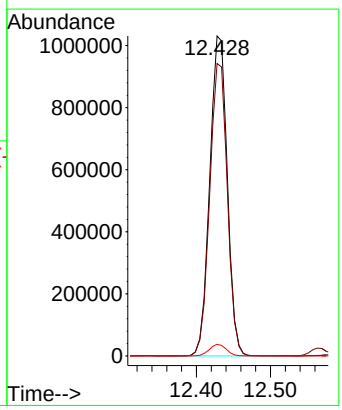


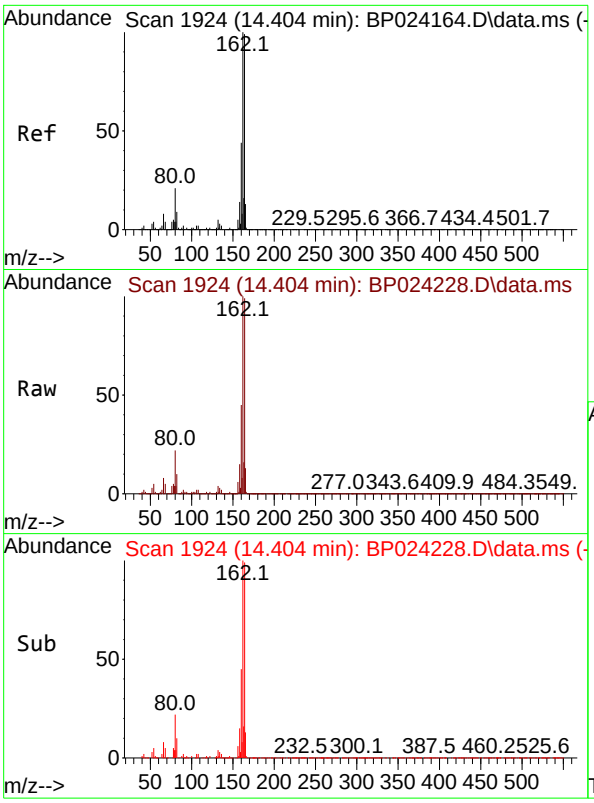


#38
1-Methylnaphthalene
Concen: 41.312 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:142 Resp: 1688556

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.6	2.8	4.2



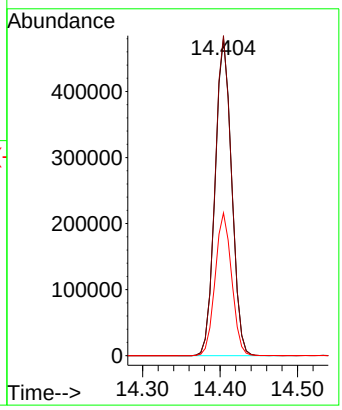


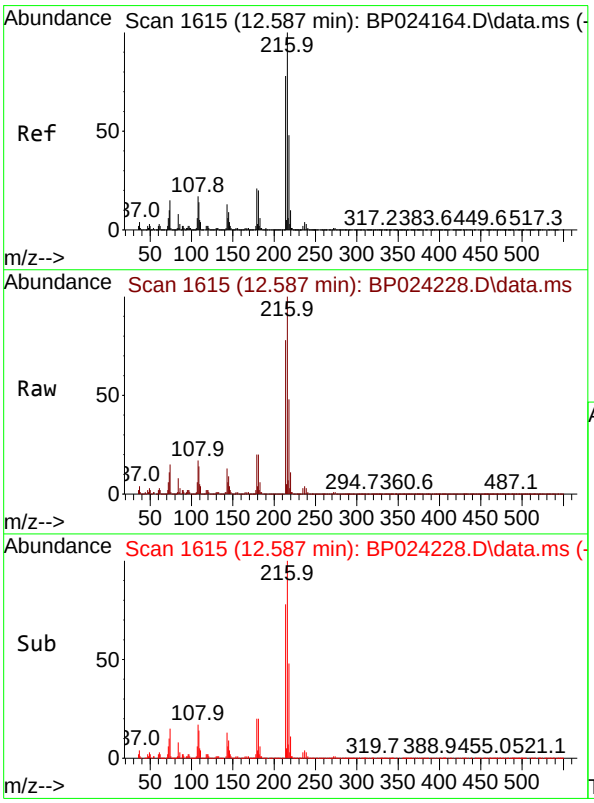
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 712048

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	121.0
160	45.0	35.4	53.2

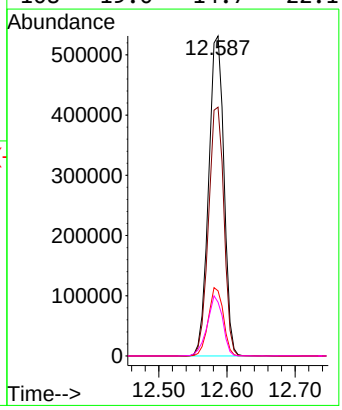


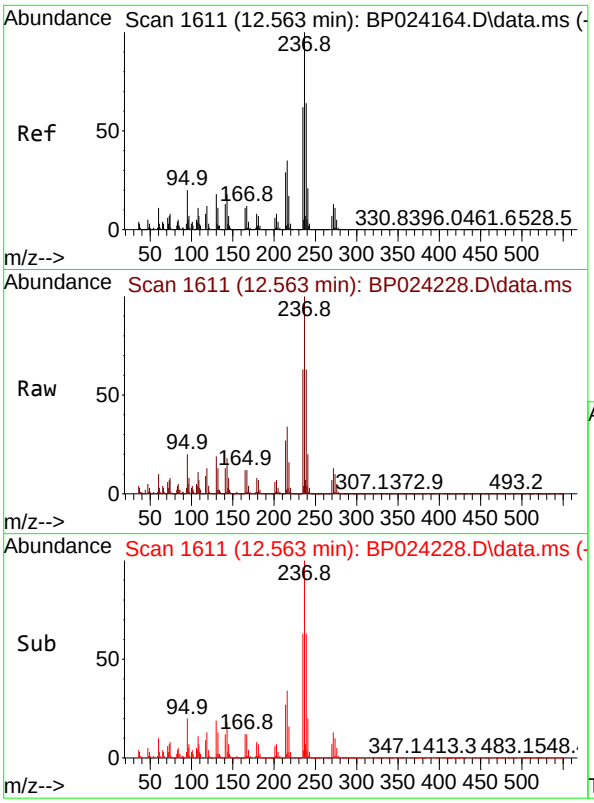


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.347 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:216 Resp: 830463

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.8	94.2
179	21.0	16.8	25.2
108	19.0	14.7	22.1



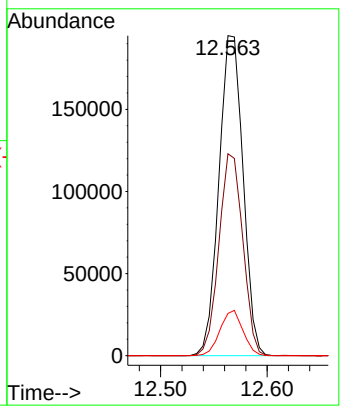


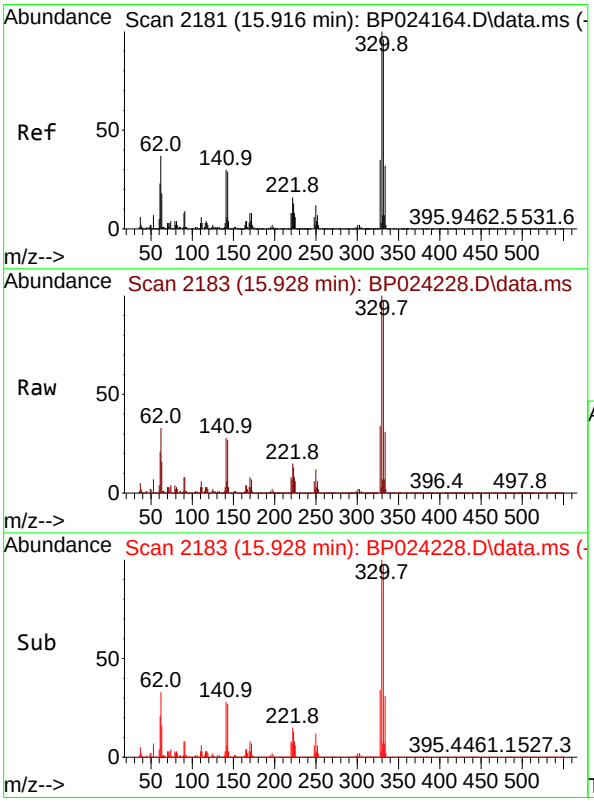
#41
Hexachlorocyclopentadiene
Concen: 41.311 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 306506

Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.8	81.8
272	13.2	0.0	33.5

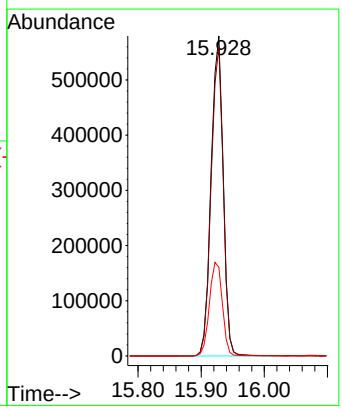


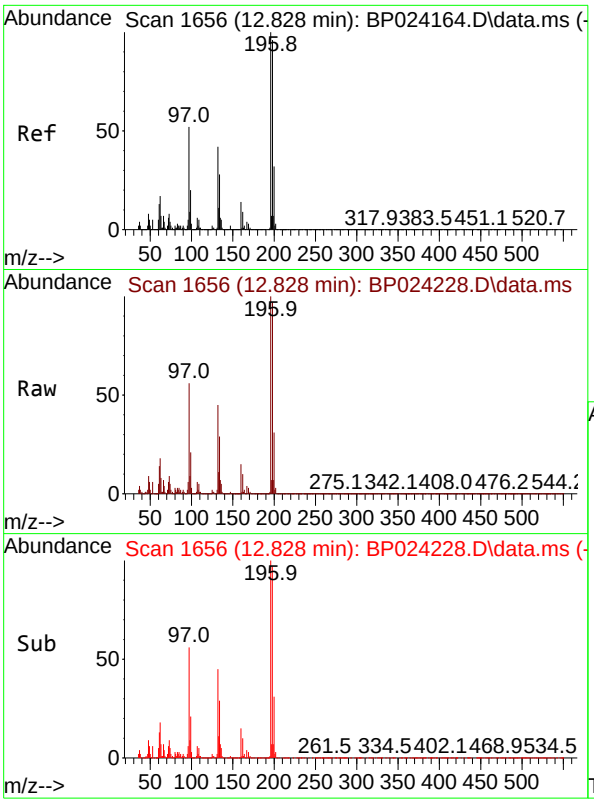


#42
2,4,6-Tribromophenol
Concen: 86.150 ng
RT: 15.928 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:330 Resp: 772690

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	31.2	25.0	37.6



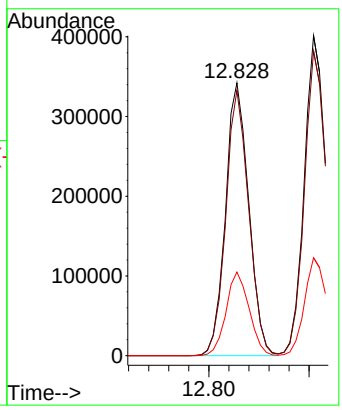


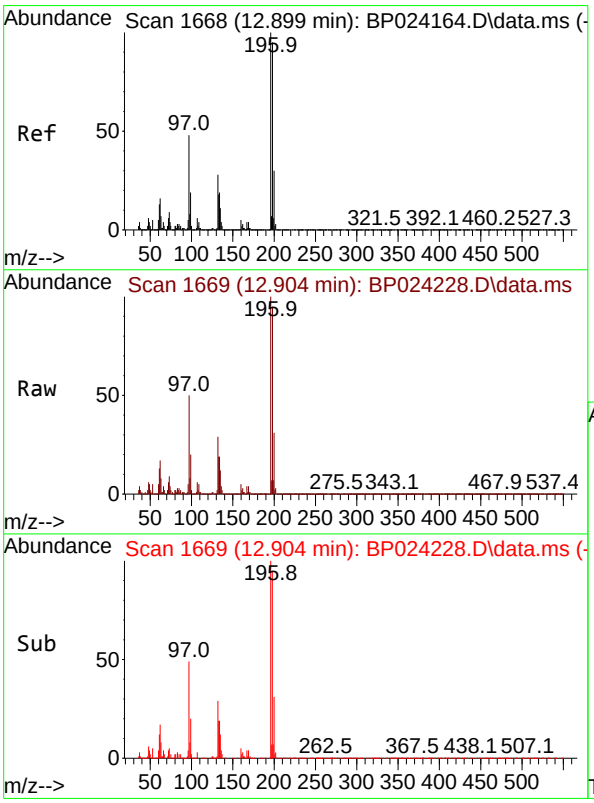
#43
2,4,6-Trichlorophenol
Concen: 42.177 ng
RT: 12.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 551712

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
200	30.7	25.4	38.0

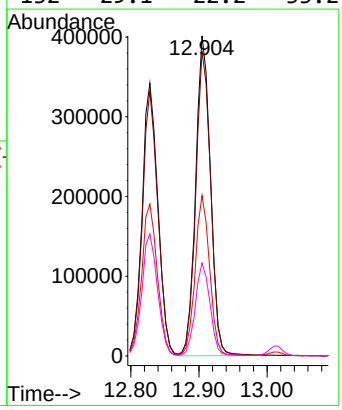


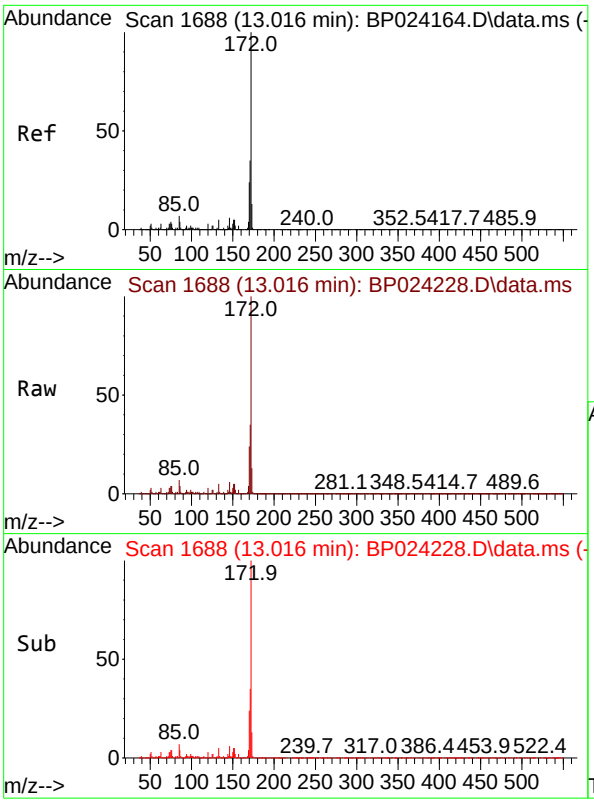


#44
2,4,5-Trichlorophenol
Concen: 42.299 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:196 Resp: 606798

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.5	114.7
97	50.2	38.7	58.1
132	29.1	22.2	33.2



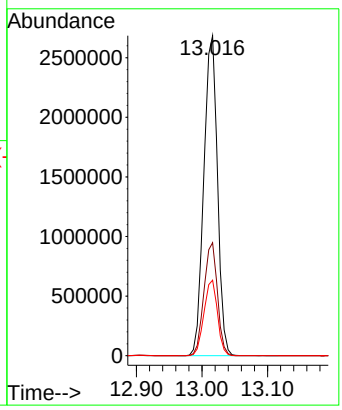


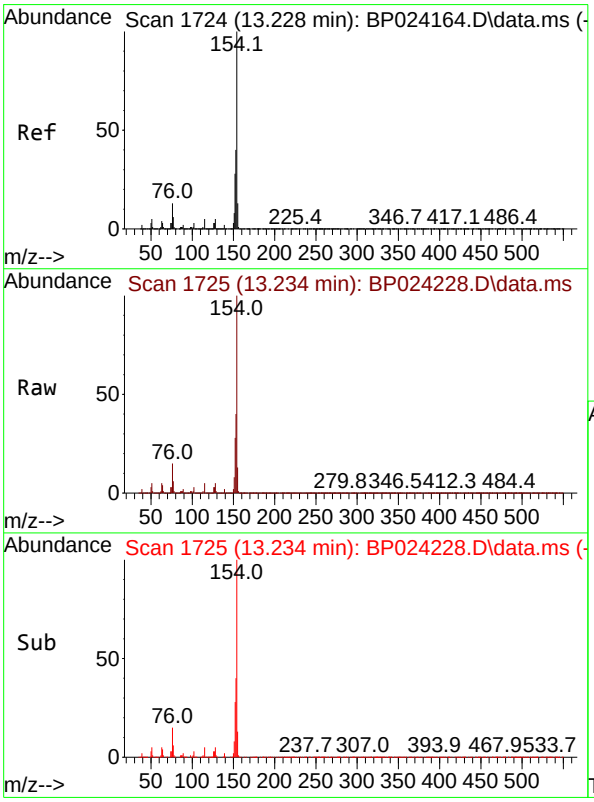
#45
2-Fluorobiphenyl
Concen: 80.493 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 3887020

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.6	19.0	28.4

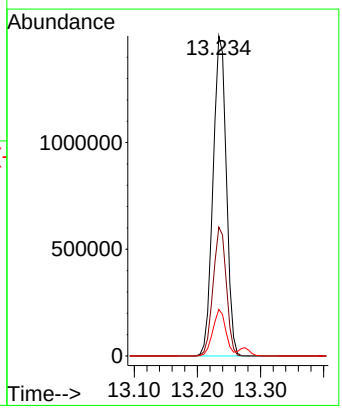


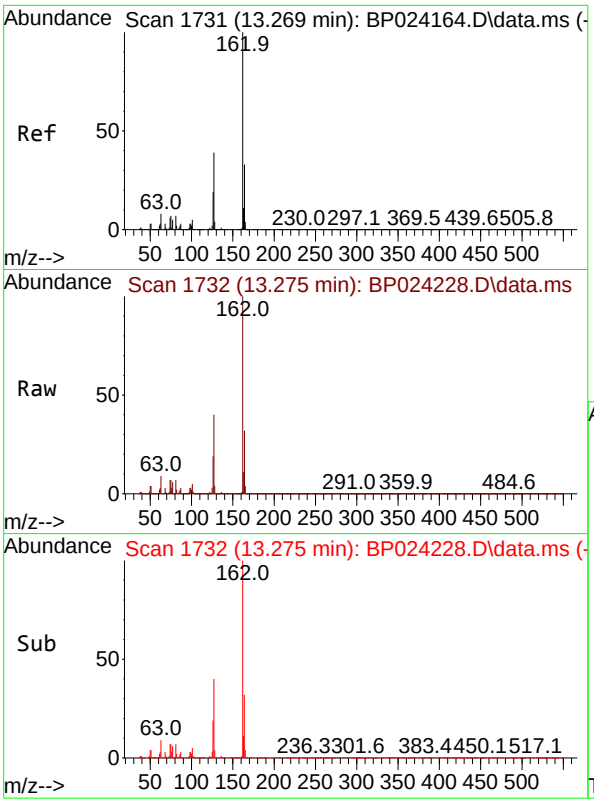


#46
1,1'-Biphenyl
Concen: 40.942 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:154 Resp: 2190701

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	14.5	0.0	32.9



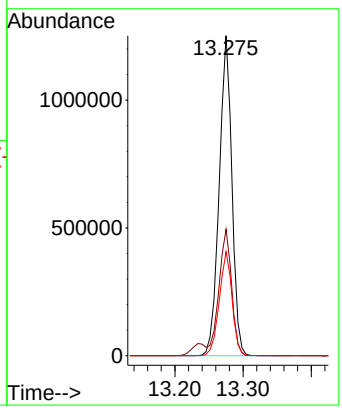


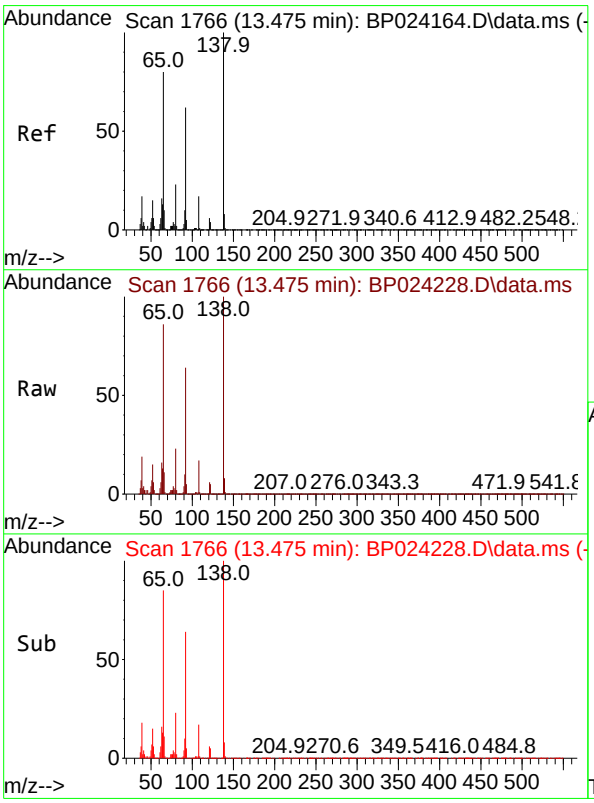
#47
2-Chloronaphthalene
Concen: 40.362 ng
RT: 13.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1624413

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.5	47.3
164	32.5	26.6	39.8

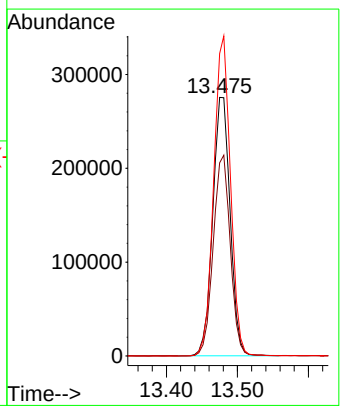


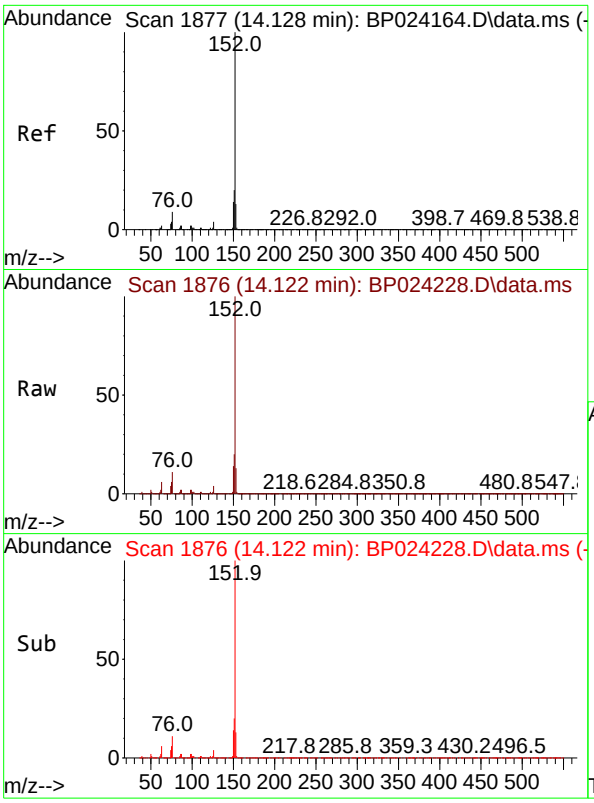


#48
2-Nitroaniline
Concen: 45.470 ng
RT: 13.475 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion: 65 Resp: 468062

Ion	Ratio	Lower	Upper
65	100		
92	74.7	62.1	93.1
138	117.0	99.5	149.3



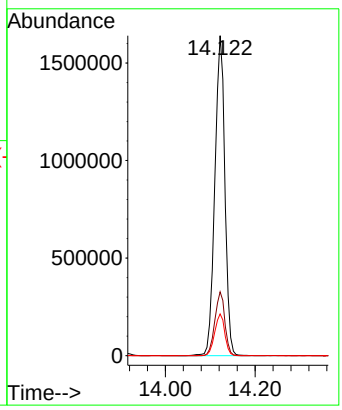


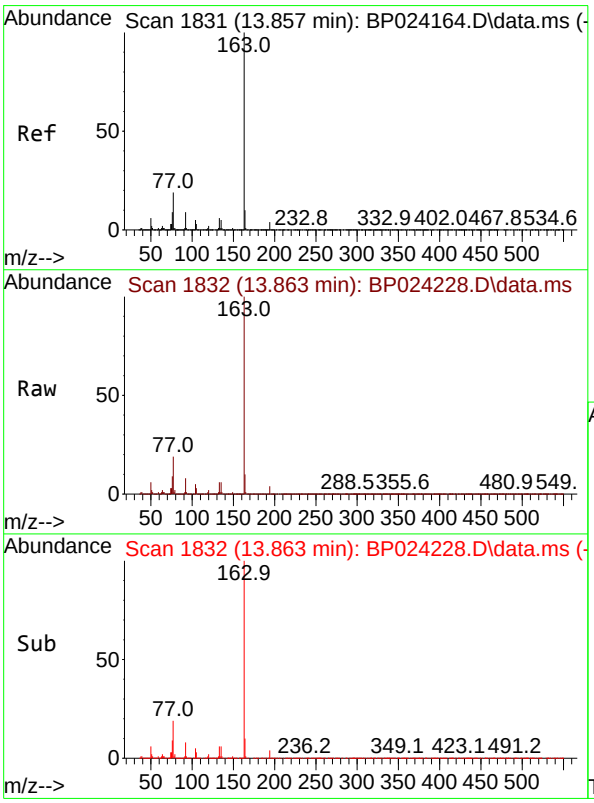
#49
Acenaphthylene
Concen: 41.802 ng
RT: 14.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2545636

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.0	10.6	15.8

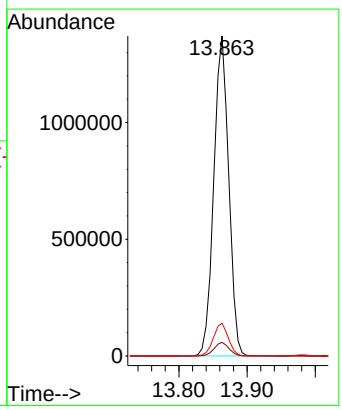


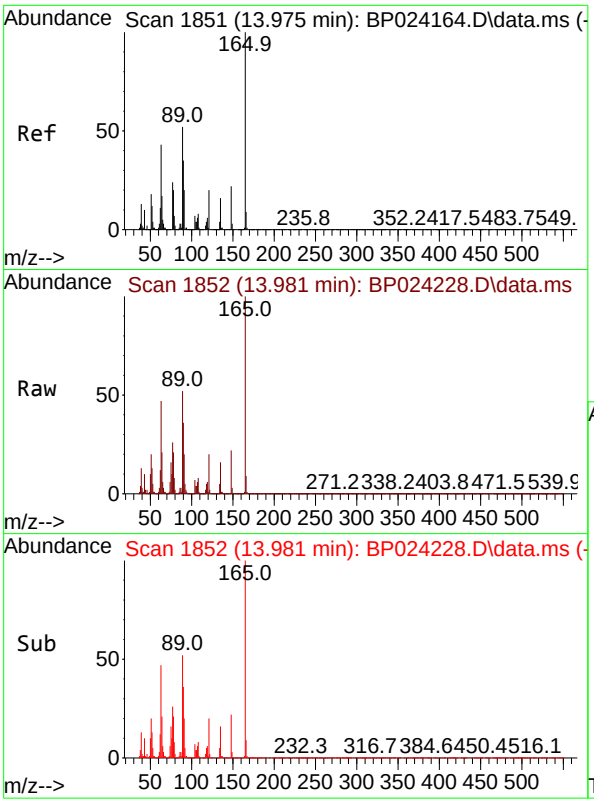


#50
Dimethylphthalate
Concen: 41.901 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:163 Resp: 2087636

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.2	12.4



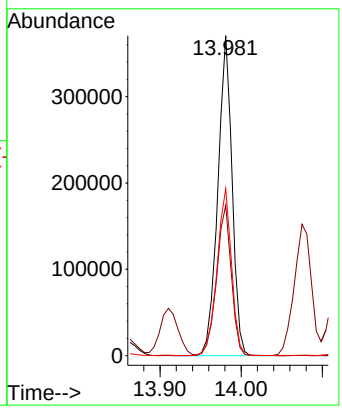


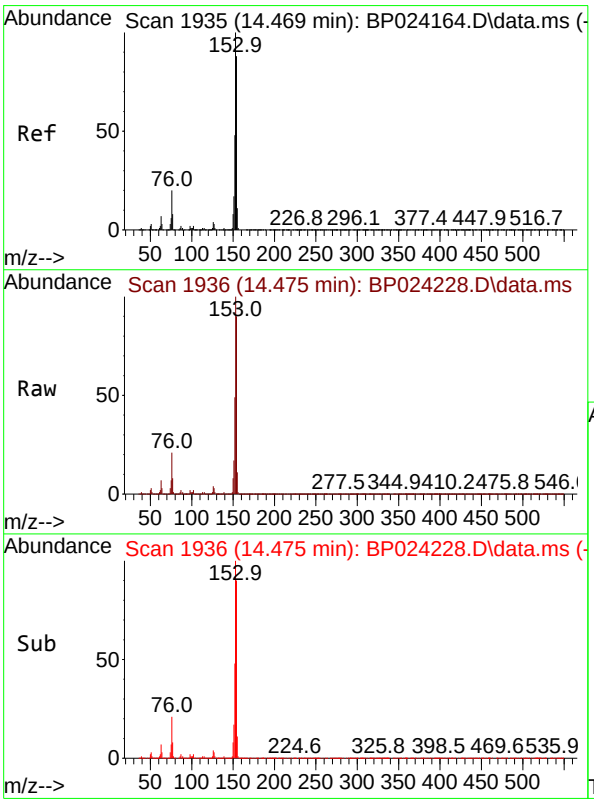
#51
2,6-Dinitrotoluene
Concen: 43.271 ng
RT: 13.981 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 453615

Ion	Ratio	Lower	Upper
165	100		
63	47.0	37.7	56.5
89	52.1	41.9	62.9

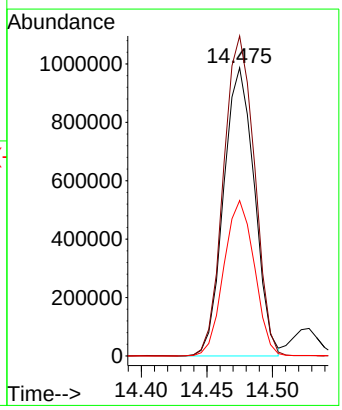


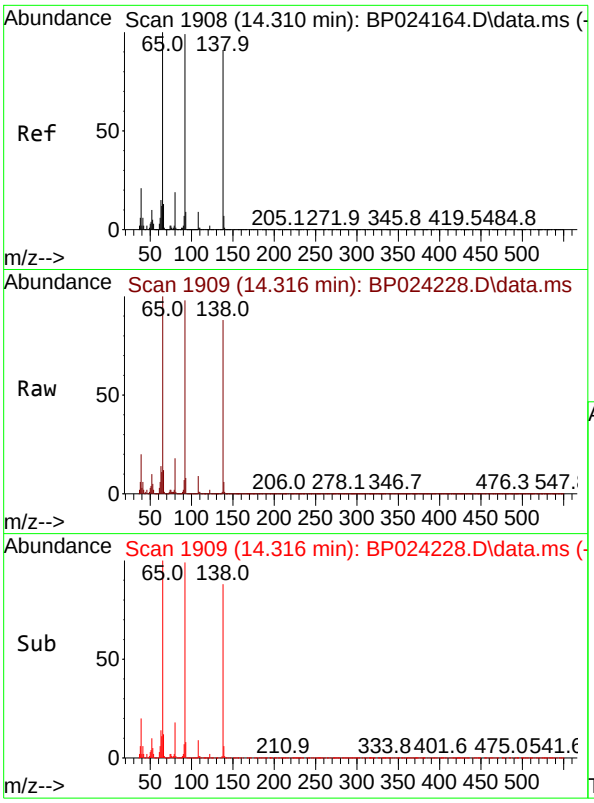


#52
Acenaphthene
Concen: 41.411 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:154 Resp: 1611256

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.5	135.7
152	53.9	43.1	64.7



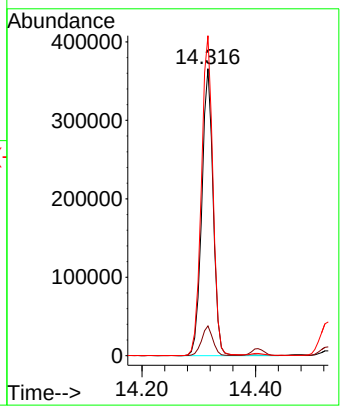


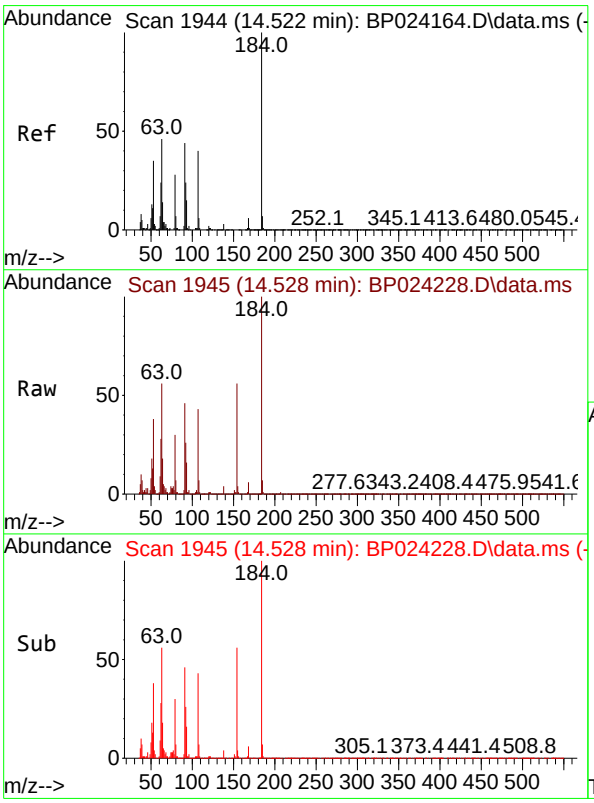
#53
3-Nitroaniline
Concen: 44.593 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 504903

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.2
92	111.5	86.7	130.1

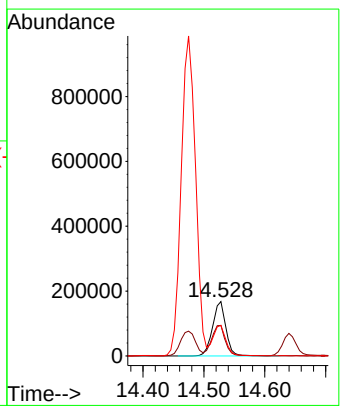


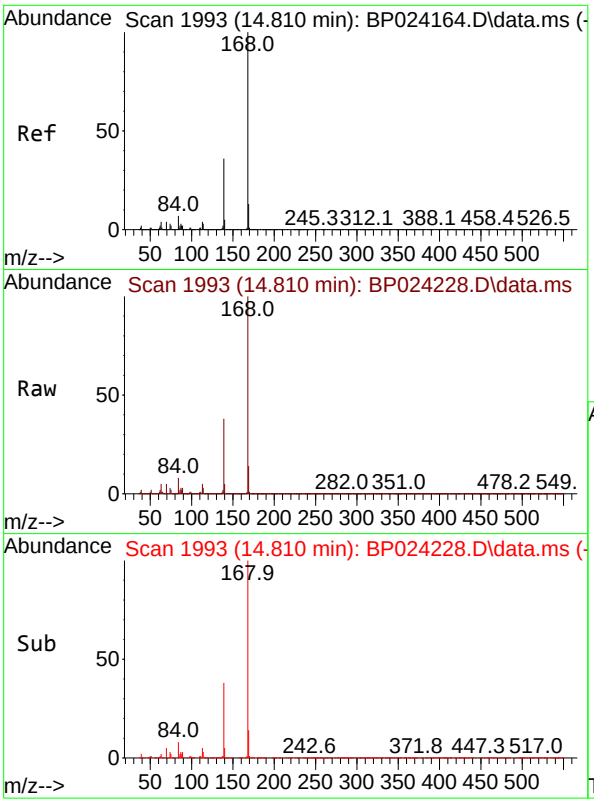


#54
2,4-Dinitrophenol
Concen: 45.859 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:184 Resp: 254373

Ion	Ratio	Lower	Upper
184	100		
63	56.1	42.1	63.1
154	56.2	44.6	67.0



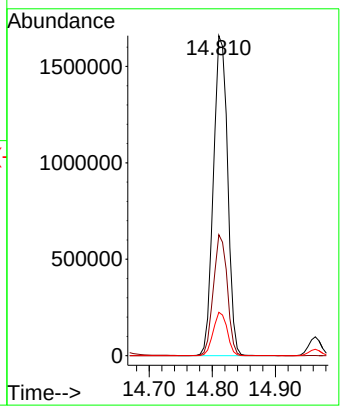


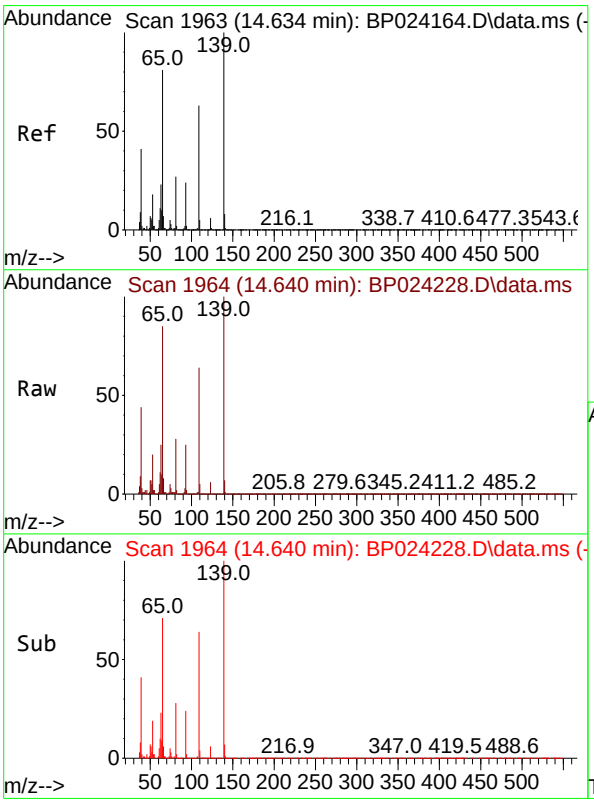
#55
Dibenzofuran
Concen: 41.102 ng
RT: 14.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2590493

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.1	43.7
169	13.5	10.8	16.2

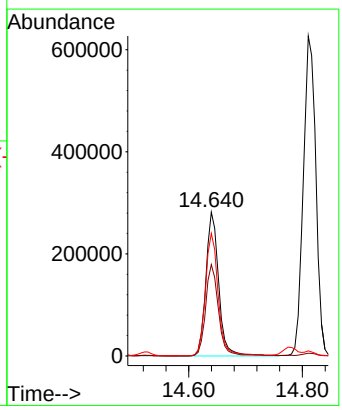


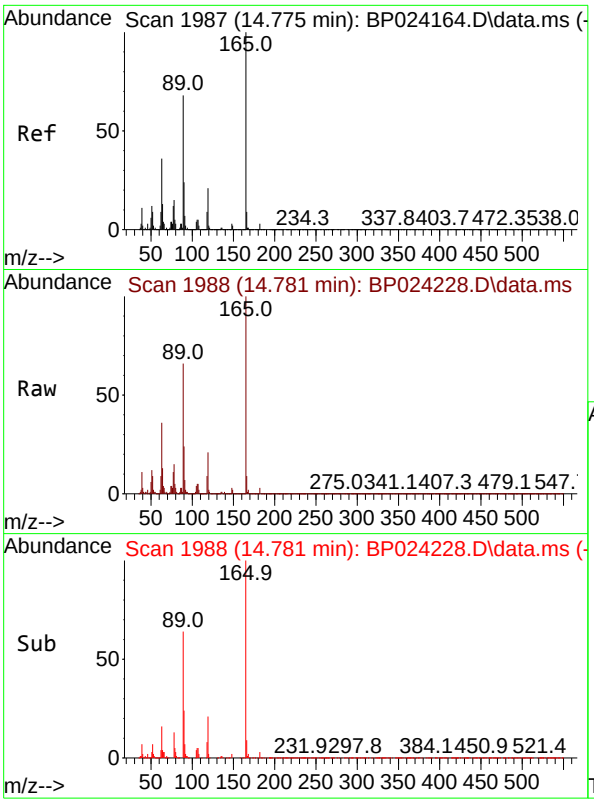


#56
4-Nitrophenol
Concen: 46.371 ng
RT: 14.640 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:139 Resp: 438706

Ion	Ratio	Lower	Upper
139	100		
109	63.6	43.3	83.3
65	85.3	61.2	101.2



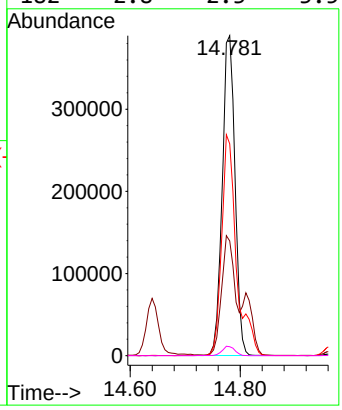


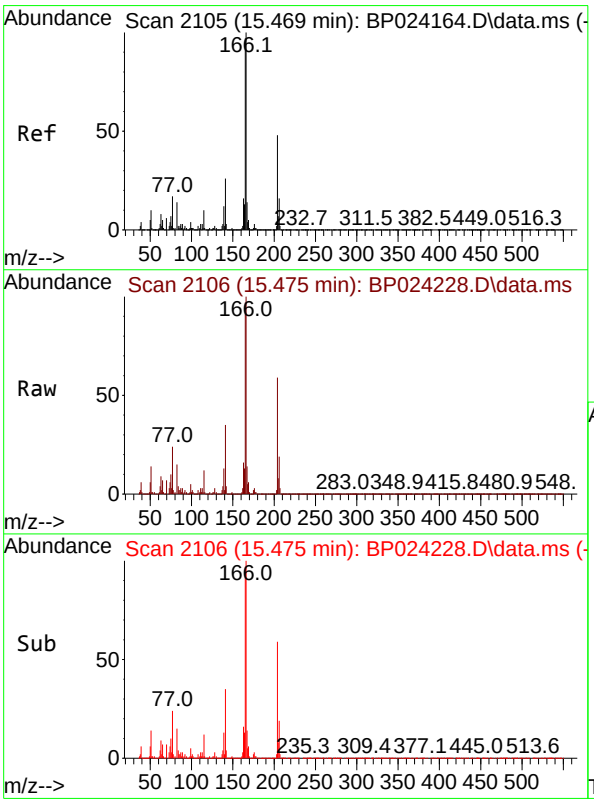
#57
2,4-Dinitrotoluene
Concen: 45.191 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 625765

Ion	Ratio	Lower	Upper
165	100		
63	35.9	29.0	43.6
89	66.2	54.2	81.4
182	2.8	2.3	3.5

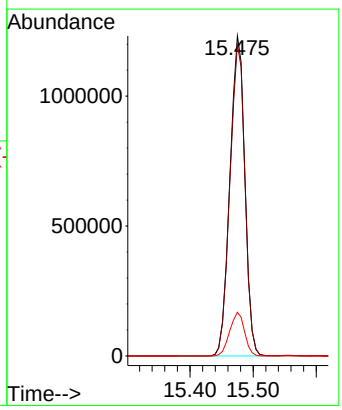


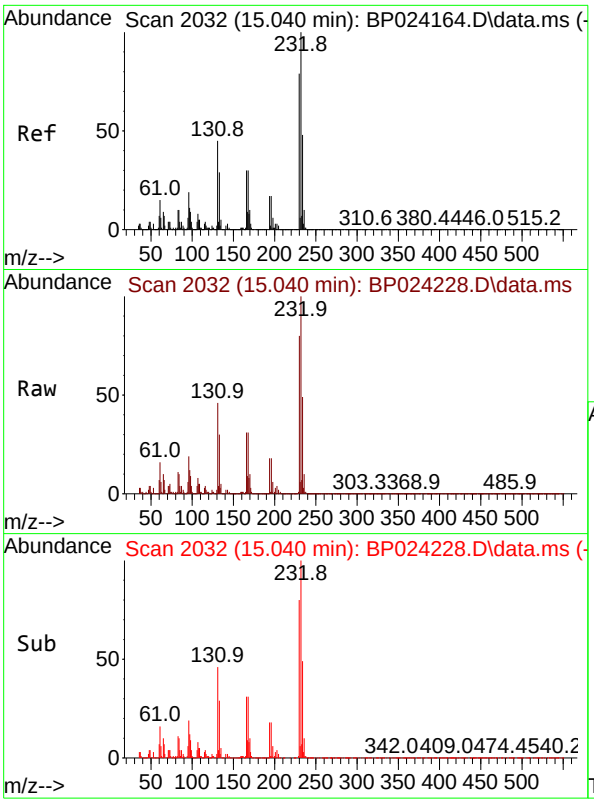


#58
Fluorene
Concen: 41.183 ng
RT: 15.475 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:166 Resp: 2022327

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.6	116.4
167	13.7	10.8	16.2



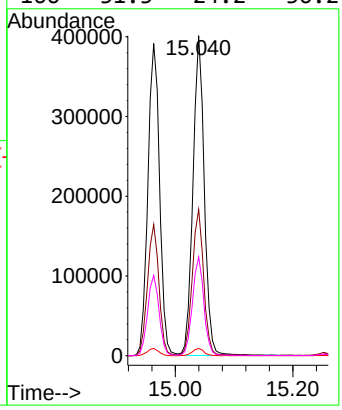


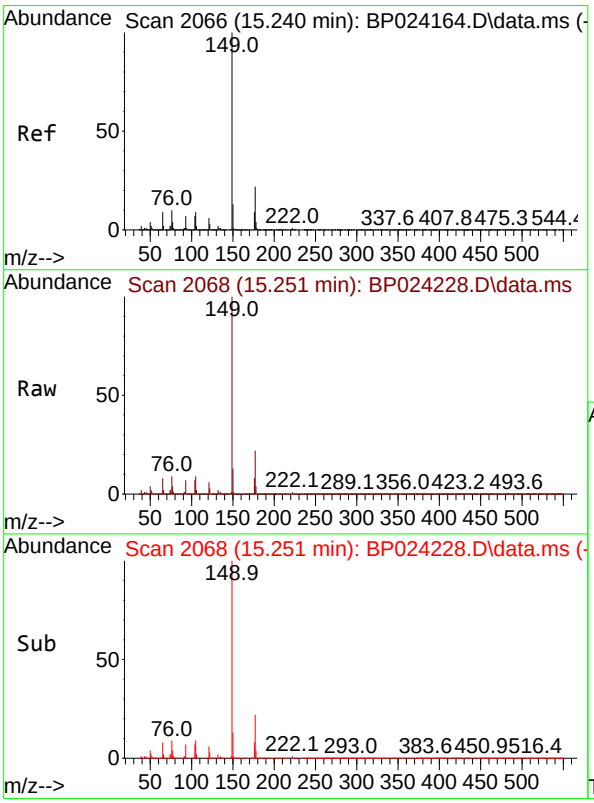
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.344 ng
RT: 15.040 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 536689

Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.9	53.9
130	2.4	1.8	2.6
166	31.3	24.2	36.2

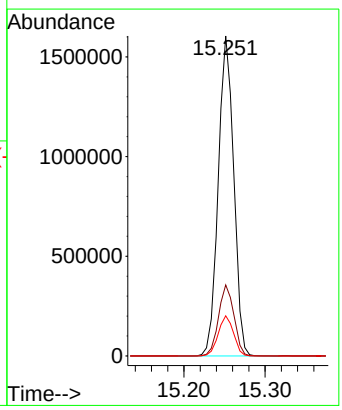


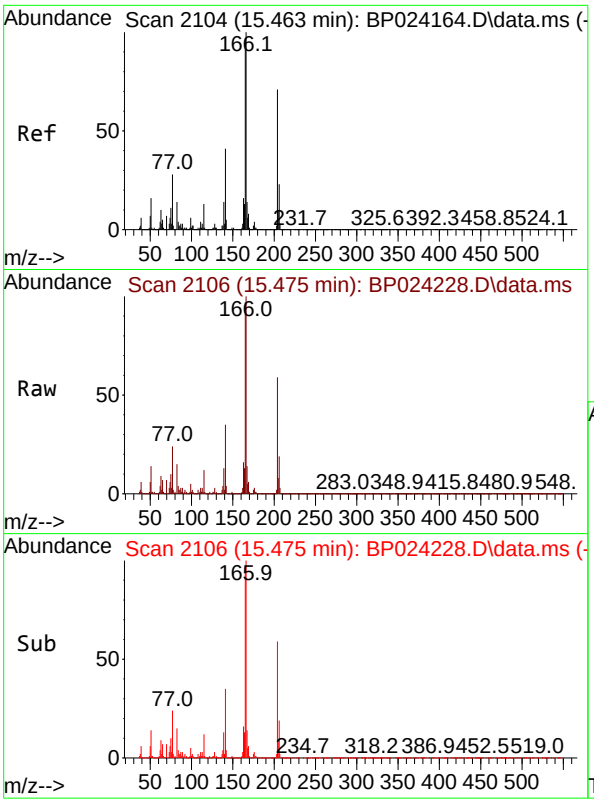


#60
Diethylphthalate
Concen: 42.942 ng
RT: 15.251 min Scan# 2068
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:149 Resp: 2130607

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.5	10.2	15.4



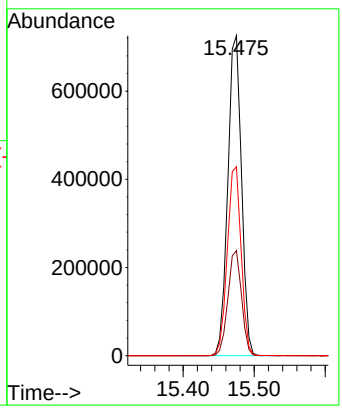


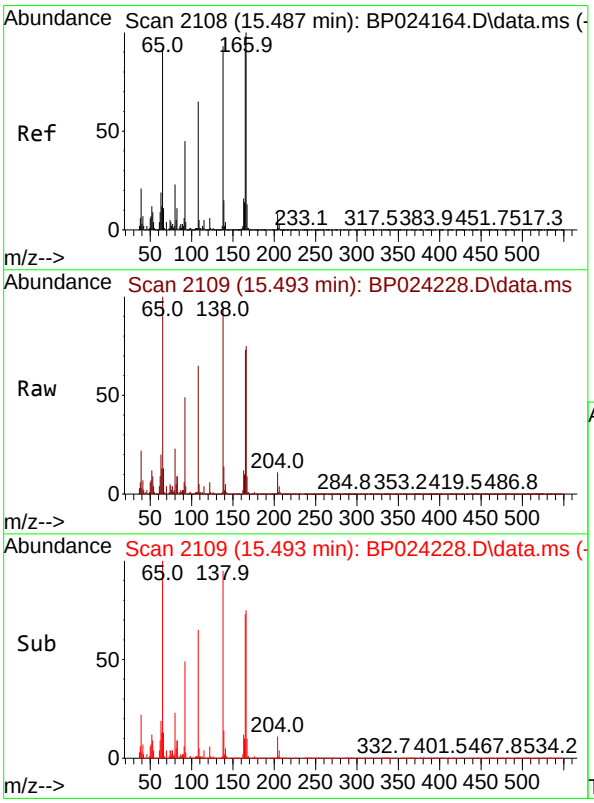
#61
4-Chlorophenyl-phenylether
Concen: 40.284 ng
RT: 15.475 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 970246

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	59.1	45.8	68.8

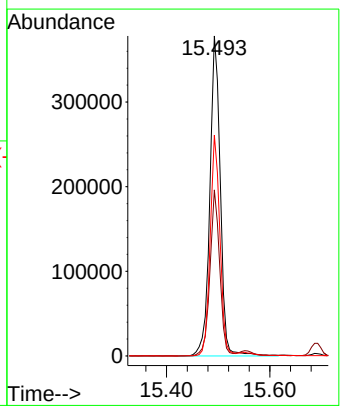


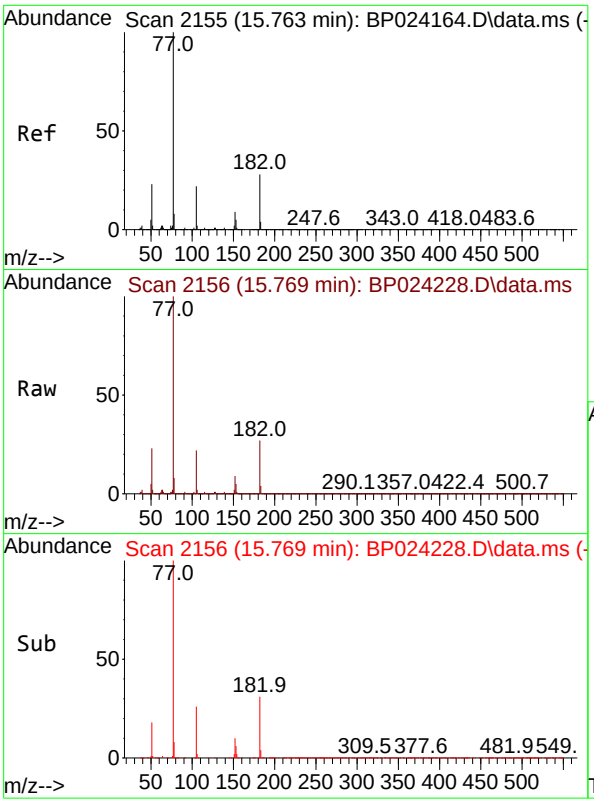


#62
4-Nitroaniline
Concen: 44.847 ng
RT: 15.493 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:138 Resp: 532563

Ion	Ratio	Lower	Upper
138	100		
92	51.9	28.7	68.7
108	69.0	49.5	89.5



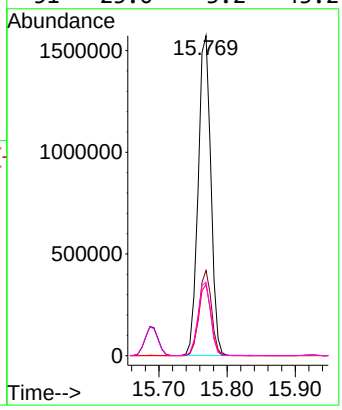


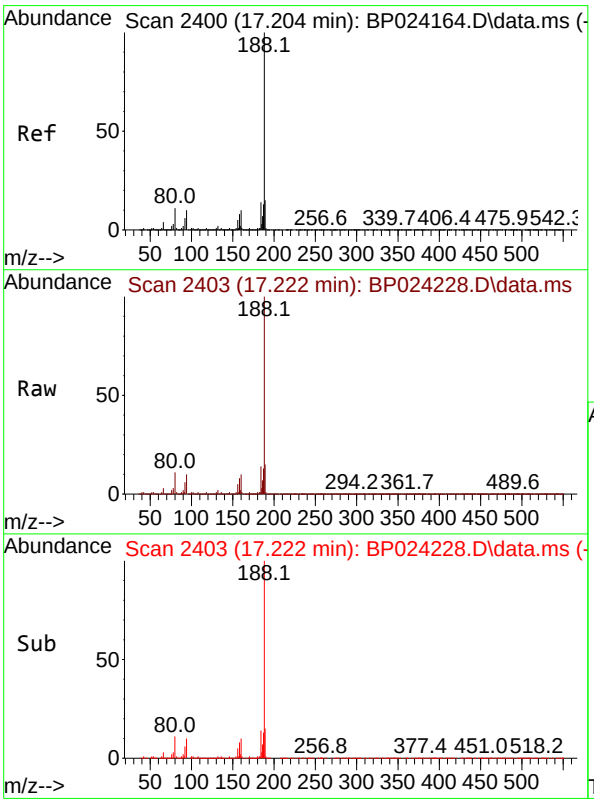
#63
Azobenzene
Concen: 43.353 ng
RT: 15.769 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2027384

Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.7	47.7
105	22.2	2.3	42.3
51	23.0	3.2	43.2

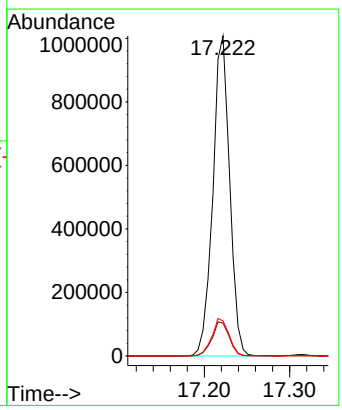


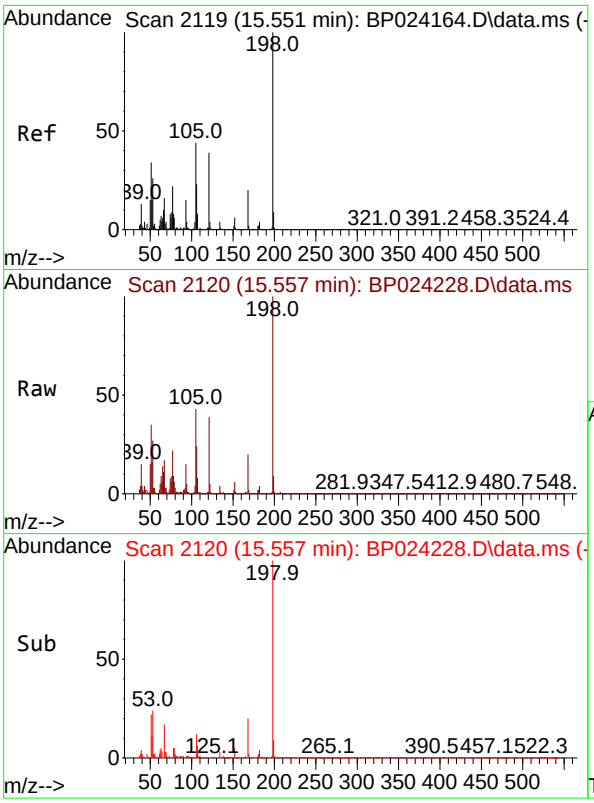


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:188 Resp: 1380061

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.0	8.9	13.3



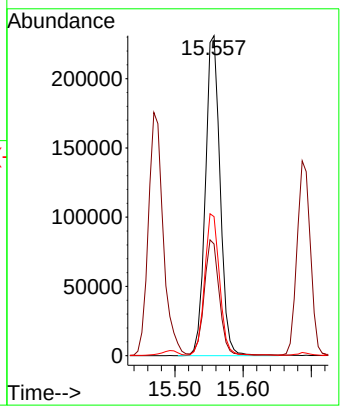


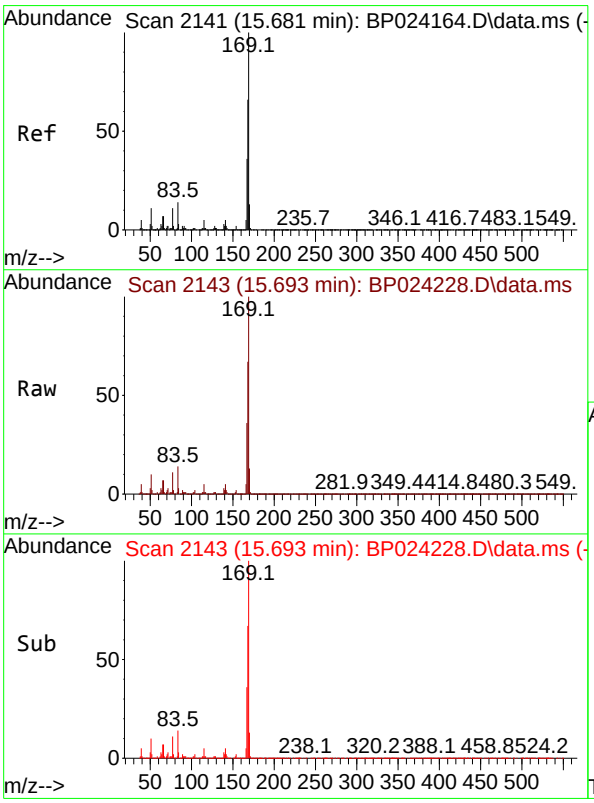
#65
4,6-Dinitro-2-methylphenol
Concen: 42.395 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 347340

Ion	Ratio	Lower	Upper
198	100		
51	34.9	14.7	54.7
105	43.5	23.8	63.8

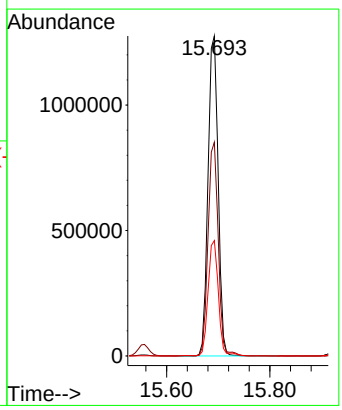


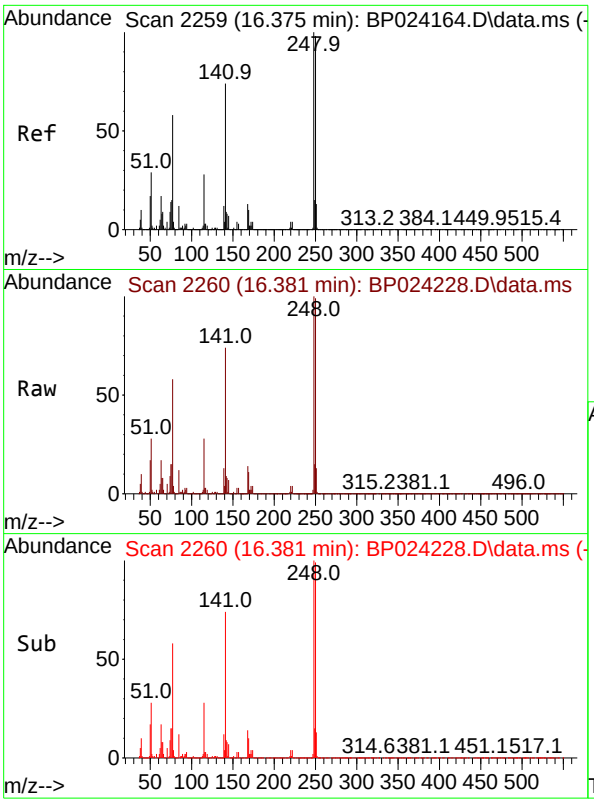


#66
n-Nitrosodiphenylamine
Concen: 41.235 ng
RT: 15.693 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:169 Resp: 1728077

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.9	79.3
167	36.0	28.8	43.2



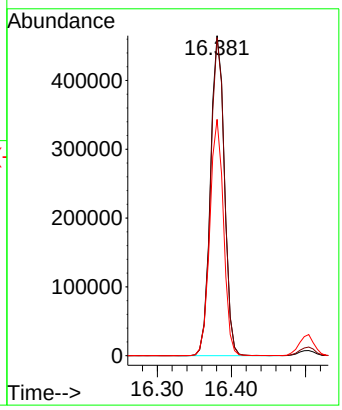


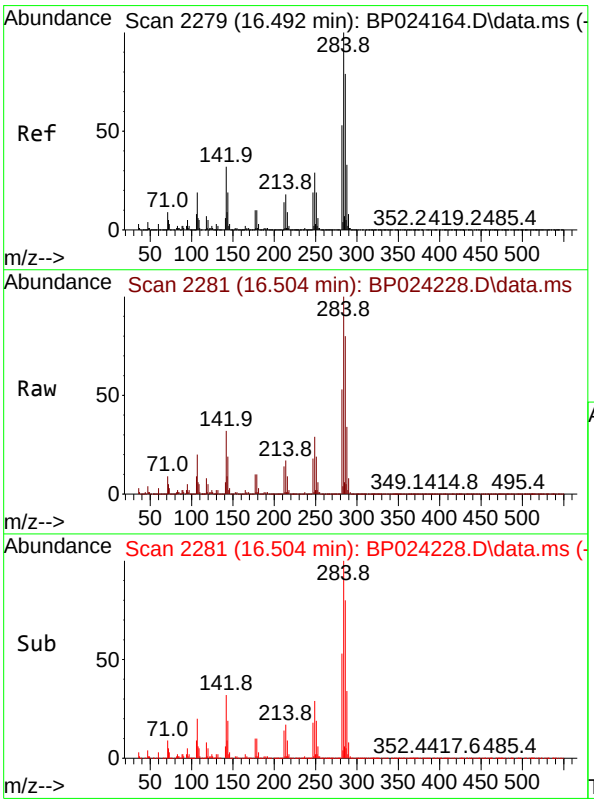
#67
4-Bromophenyl-phenylether
Concen: 40.028 ng
RT: 16.381 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 606490

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.4	117.6
141	73.8	59.4	89.0

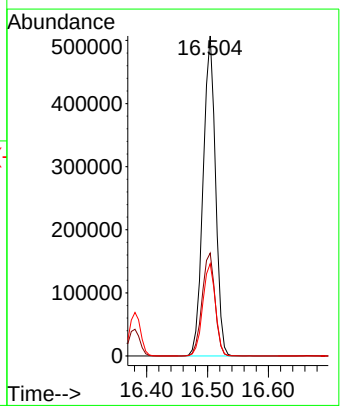


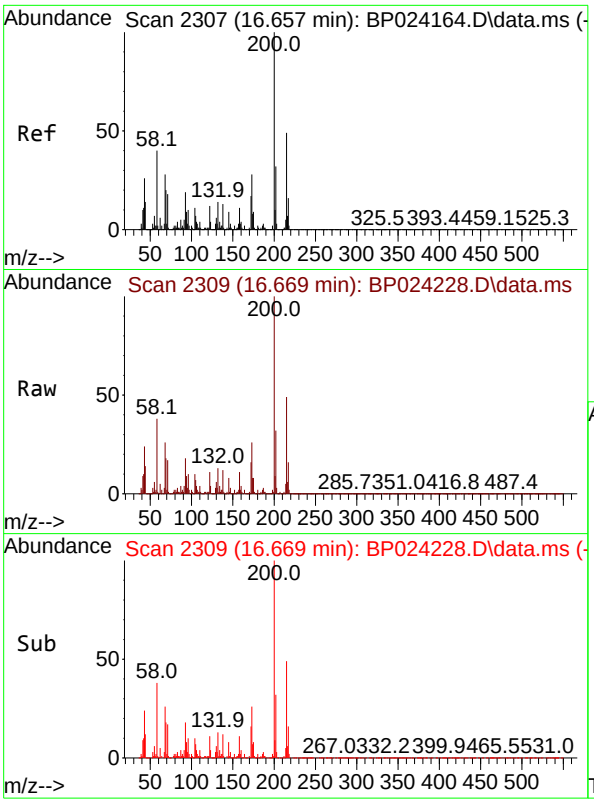


#68
Hexachlorobenzene
Concen: 40.119 ng
RT: 16.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:284 Resp: 719481

Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.4	38.2
249	28.8	23.5	35.3



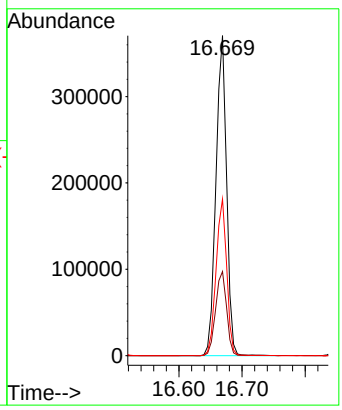


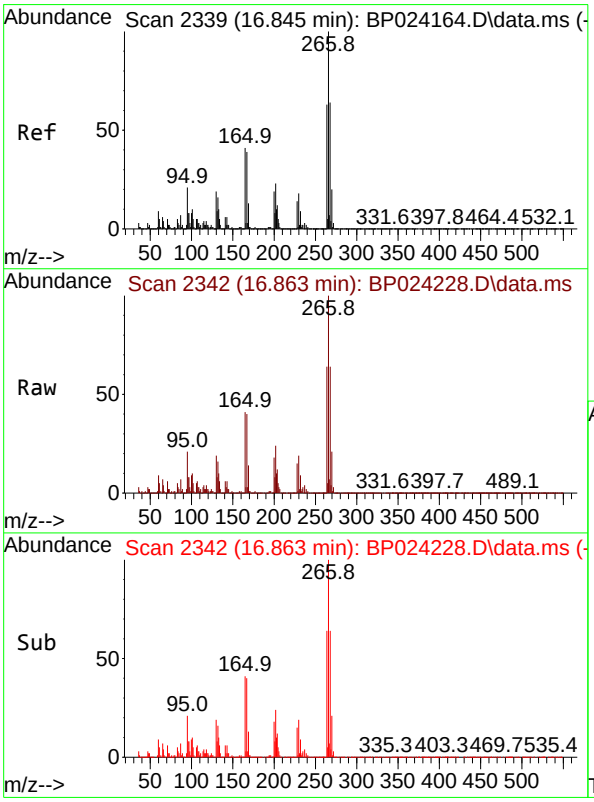
#69
Atrazine
Concen: 42.859 ng
RT: 16.669 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 433531

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.6	47.6
215	49.0	29.0	69.0

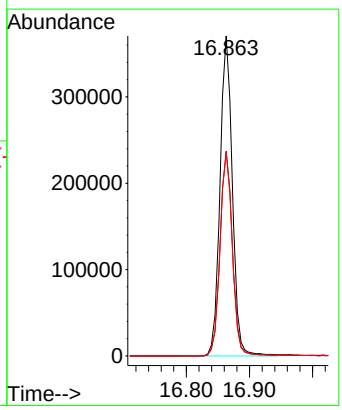


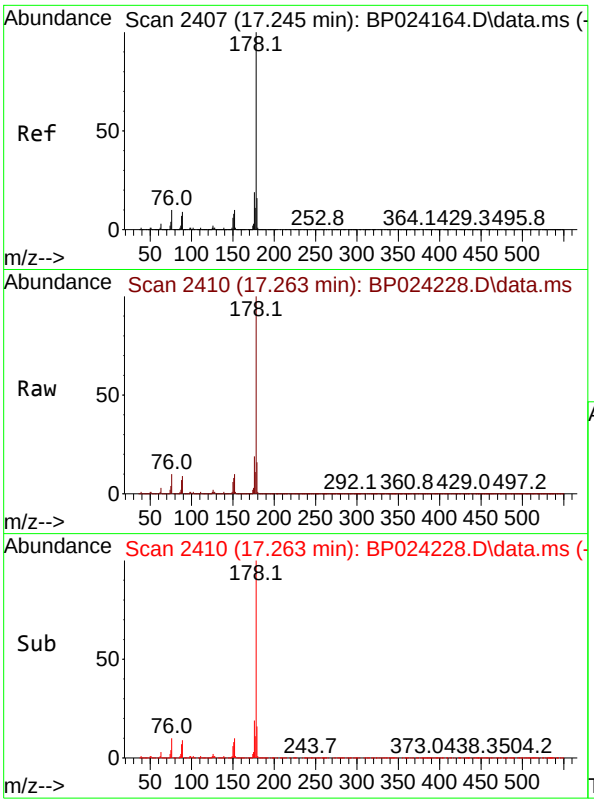


#70
Pentachlorophenol
Concen: 43.456 ng
RT: 16.863 min Scan# 2342
Delta R.T. 0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:266 Resp: 503982

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.3	76.9
264	63.8	50.6	76.0



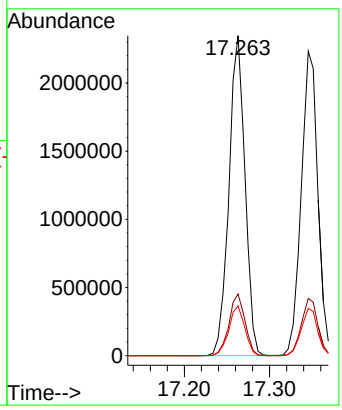


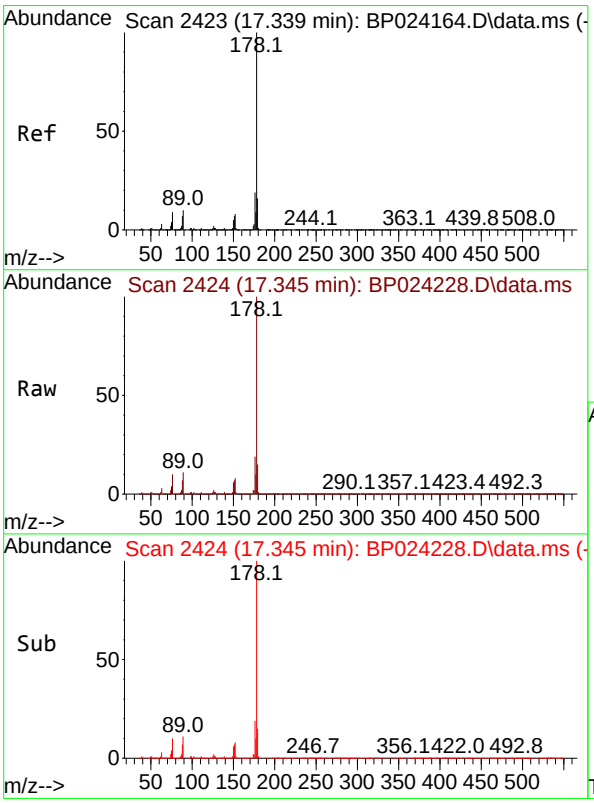
#71
Phenanthrene
Concen: 40.902 ng
RT: 17.263 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 3083668

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

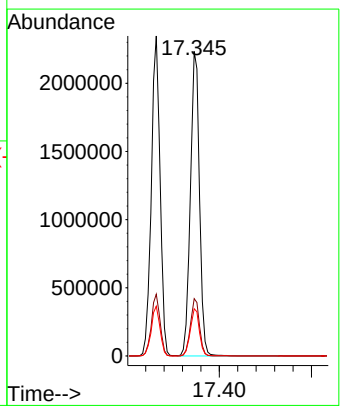


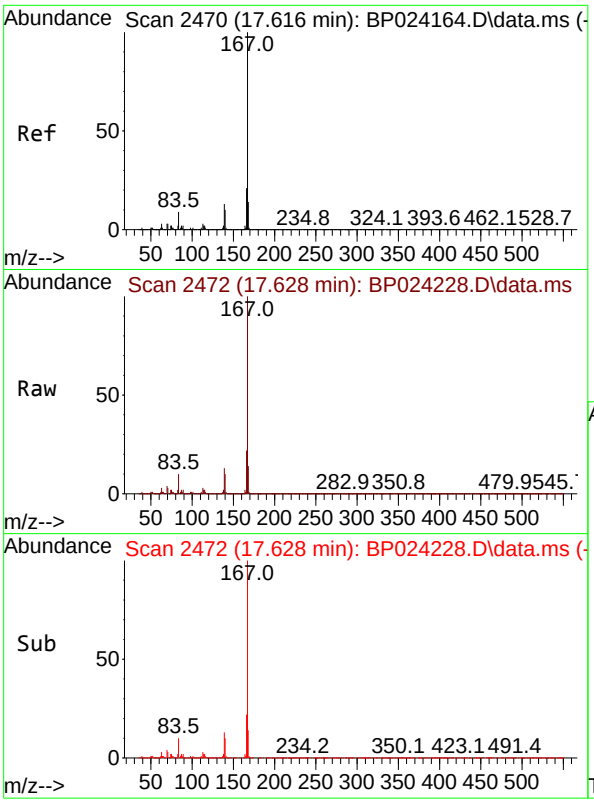


#72
Anthracene
Concen: 41.398 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:178 Resp: 3039833

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.5	12.6	18.8



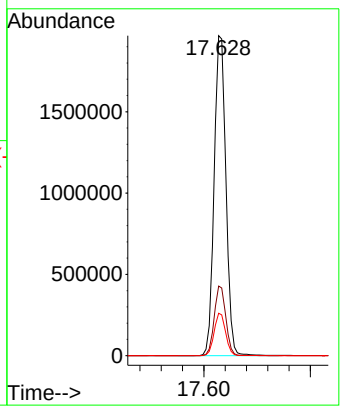


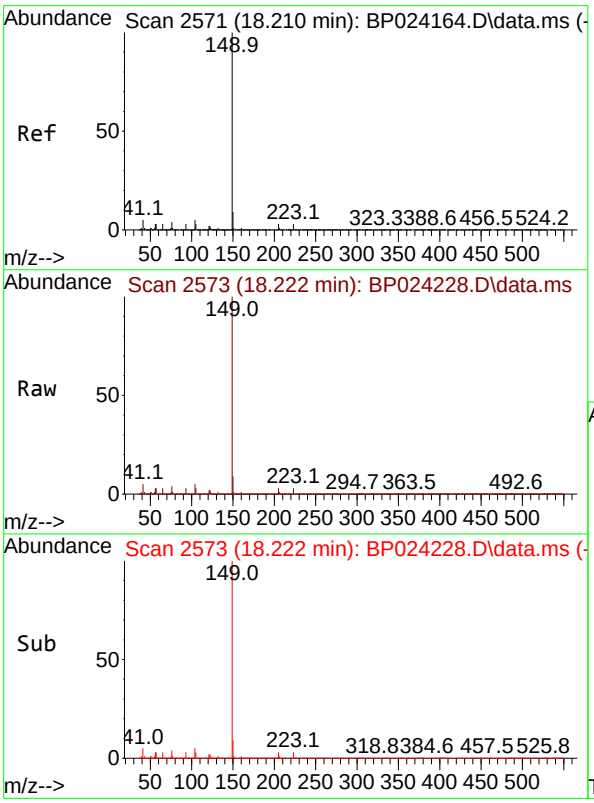
#73
Carbazole
Concen: 42.549 ng
RT: 17.628 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 3013012

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.3	10.2	15.4

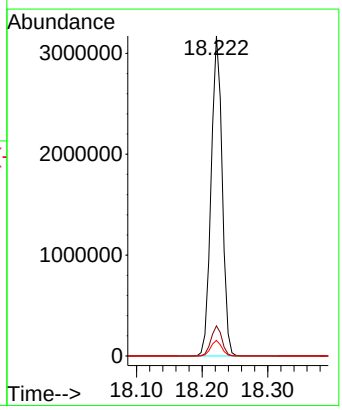


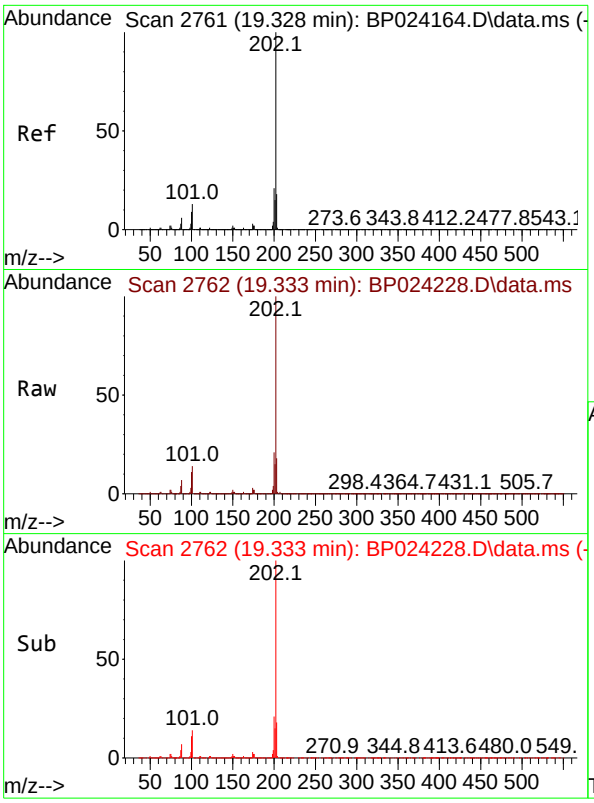


#74
Di-n-butylphthalate
Concen: 44.147 ng
RT: 18.222 min Scan# 2573
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:149 Resp: 3711096

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.8	3.9	5.9



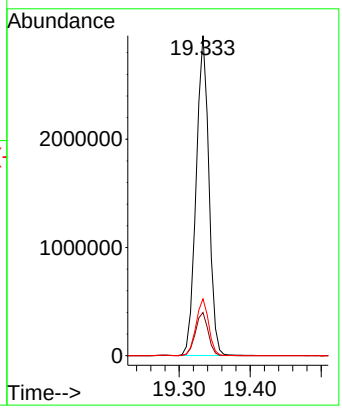


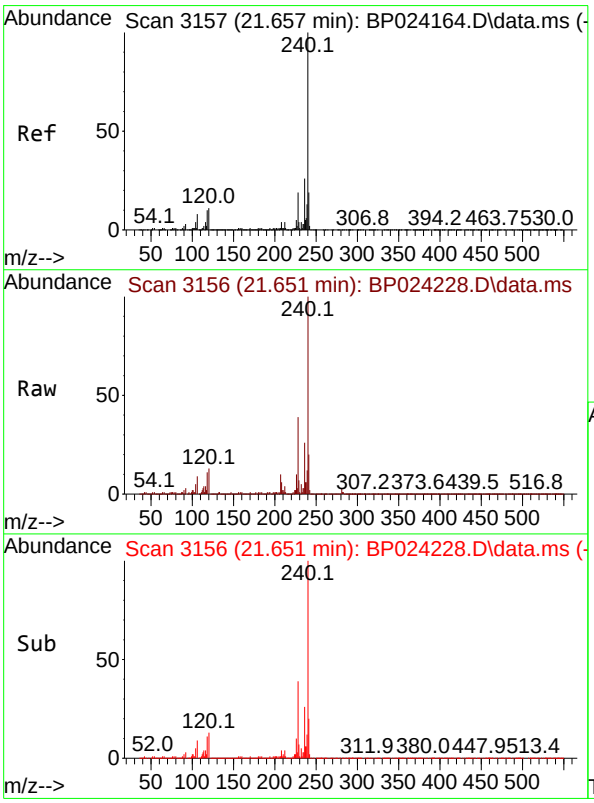
#75
Fluoranthene
Concen: 42.341 ng
RT: 19.333 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3697085

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.5
203	17.7	0.0	37.9

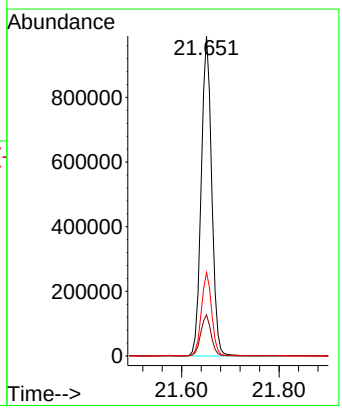


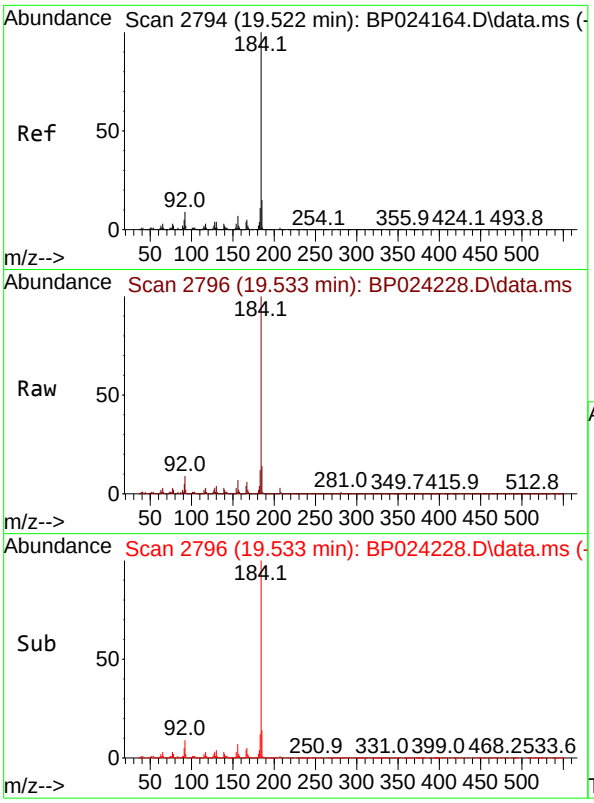


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:240 Resp: 1470276

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.2	13.8
236	26.1	20.4	30.6



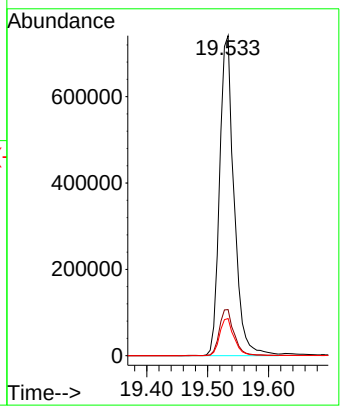


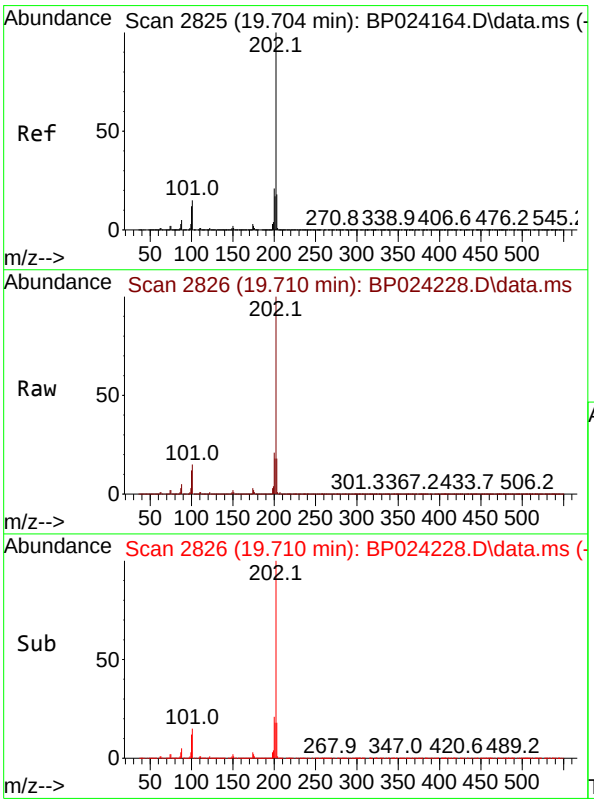
#77
Benzidine
Concen: 76.030 ng
RT: 19.533 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1222191

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.6
183	11.6	9.1	13.7

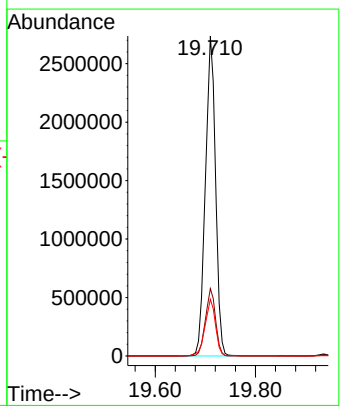


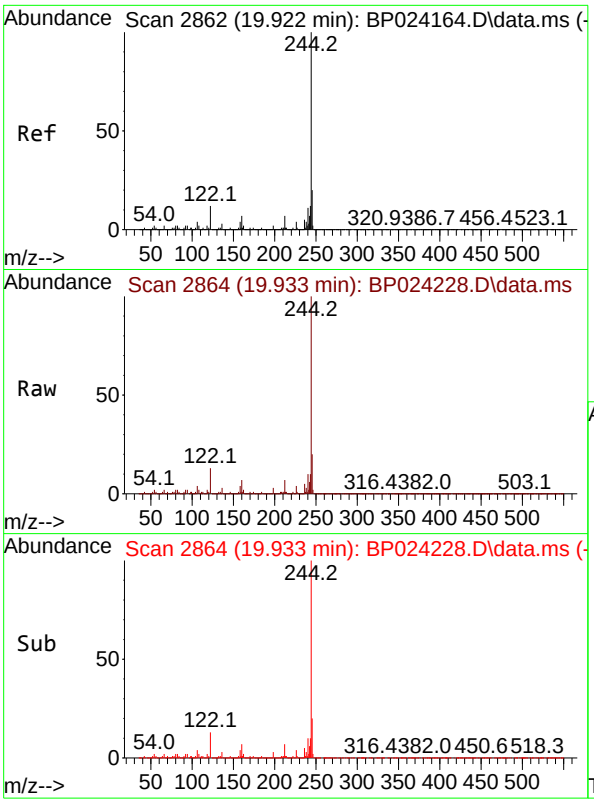


#78
Pyrene
Concen: 42.301 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:202 Resp: 3866558

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.7	14.2	21.4



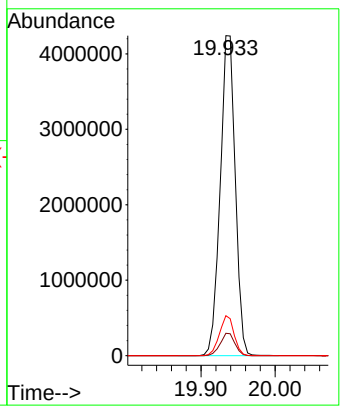


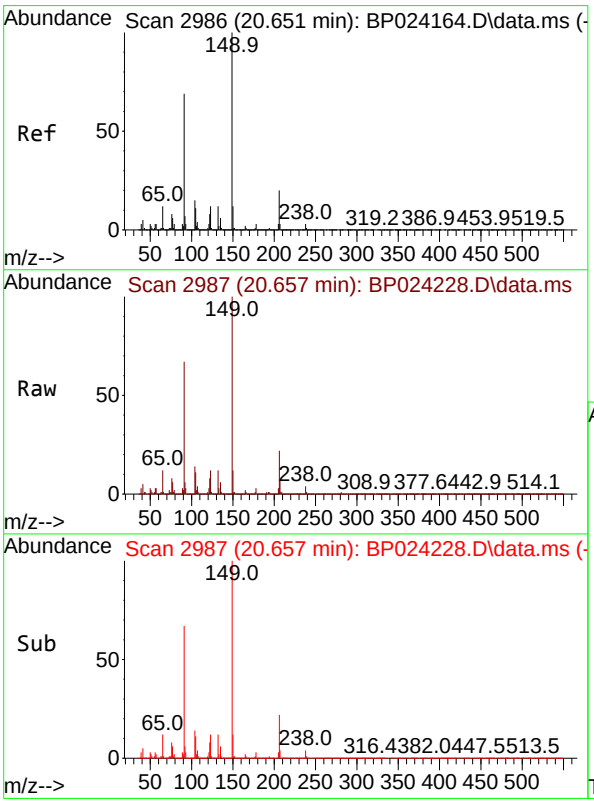
#79
Terphenyl-d14
Concen: 84.151 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 5993823

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.5	9.6	14.4

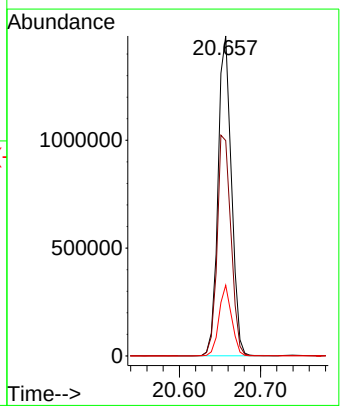


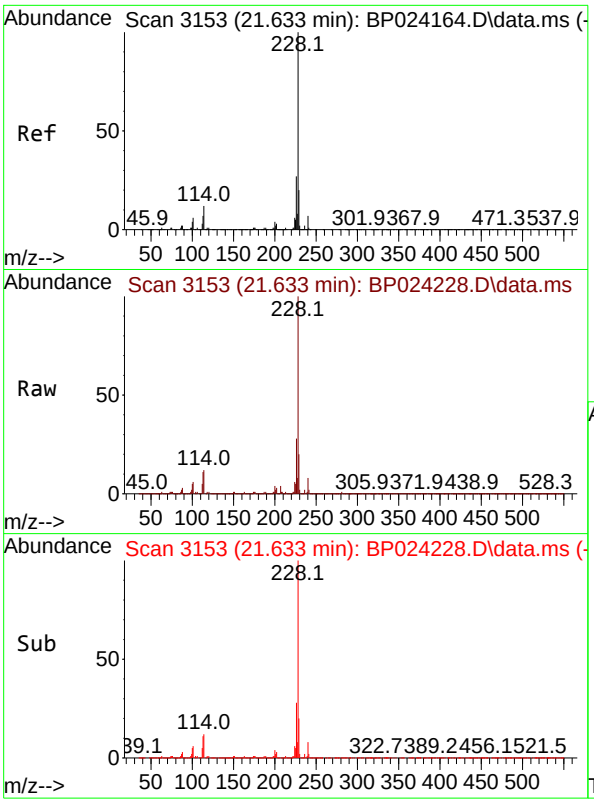


#80
Butylbenzylphthalate
Concen: 45.164 ng
RT: 20.657 min Scan# 2987
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:149 Resp: 1702434

Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.3	82.9
206	22.1	16.1	24.1



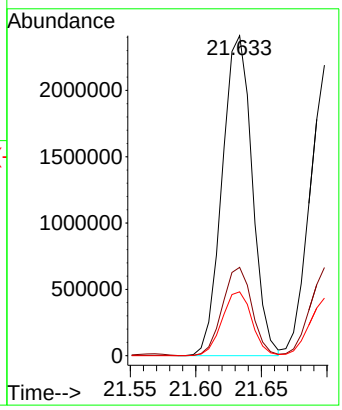


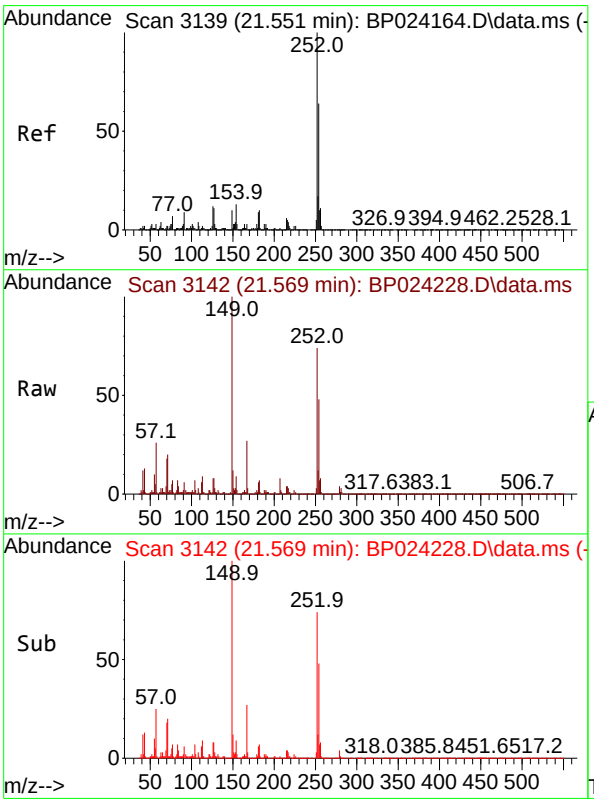
#81
Benzo(a)anthracene
Concen: 41.922 ng
RT: 21.633 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3832104

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.0	16.0	24.0

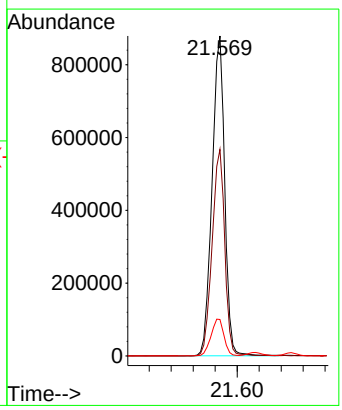


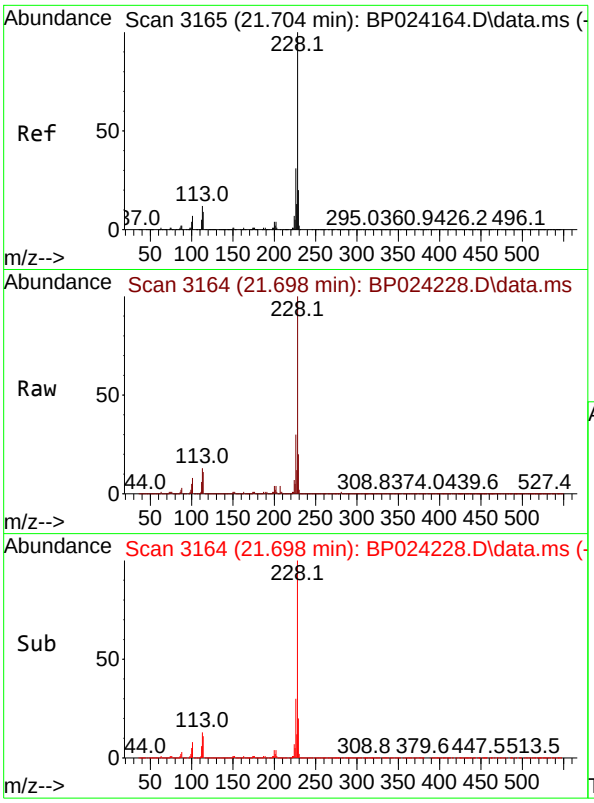


#82
3,3'-Dichlorobenzidine
Concen: 45.751 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:252 Resp: 1401662

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	11.4	9.3	13.9



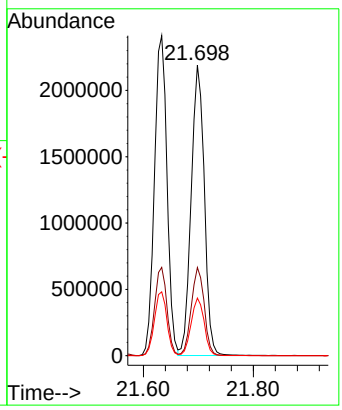


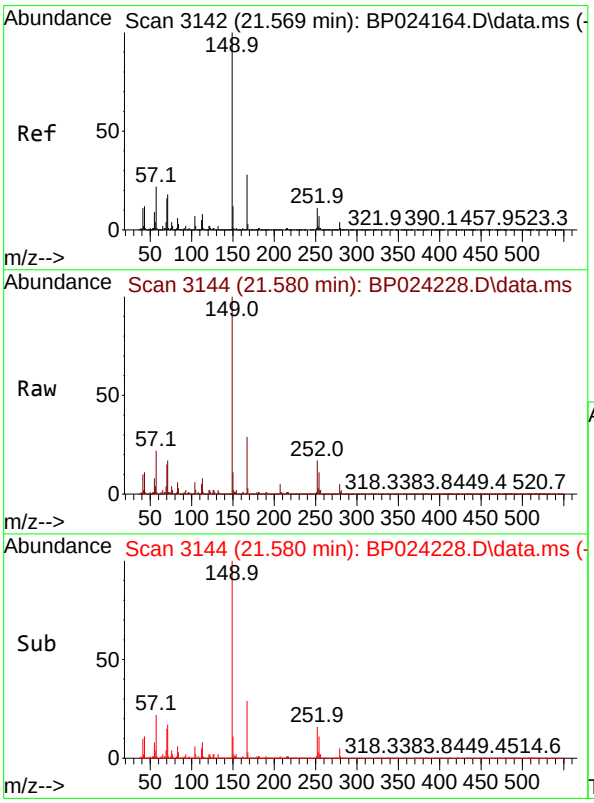
#83
Chrysene
Concen: 41.358 ng
RT: 21.698 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3634359

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.8	16.2	24.2

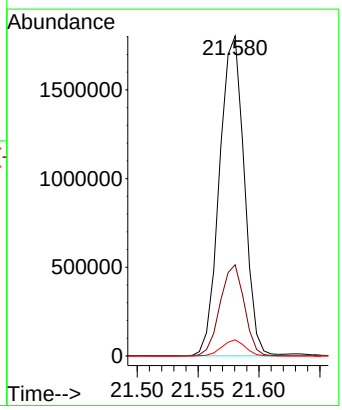


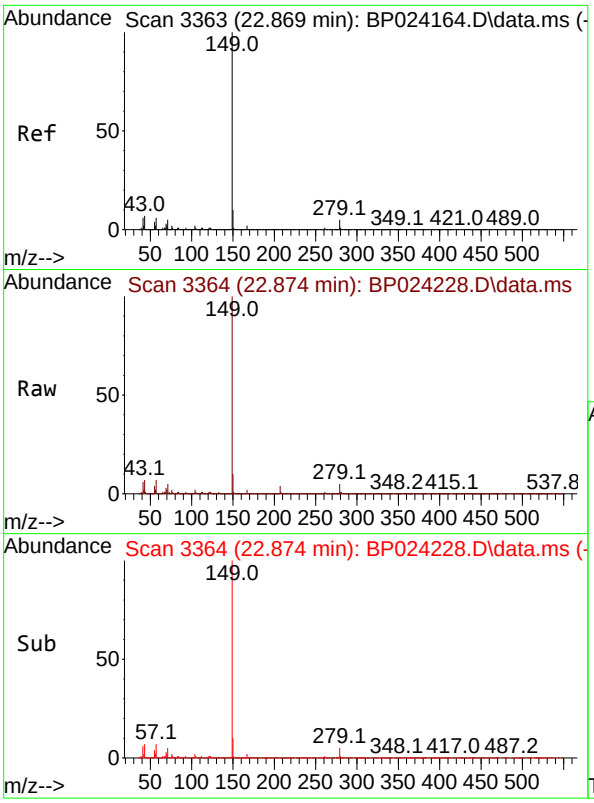


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.781 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:149 Resp: 2547023

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.5	33.7
279	5.1	3.6	5.4



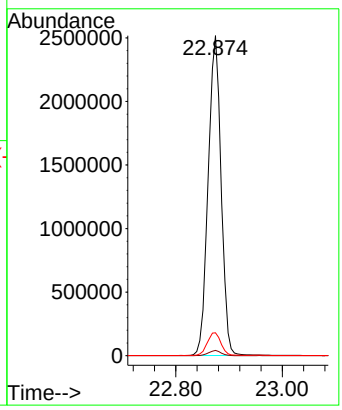


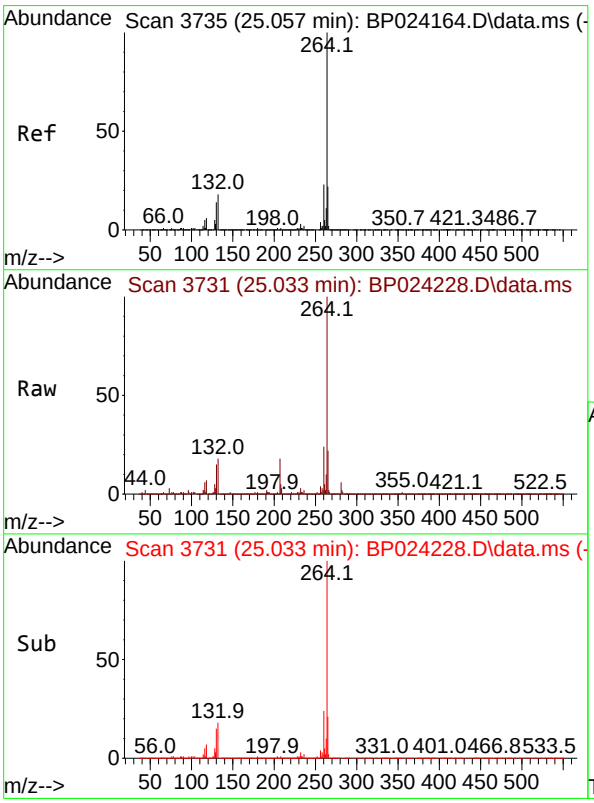
#85
Di-n-octyl phthalate
Concen: 46.485 ng
RT: 22.874 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 4236142

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	5.8	8.8

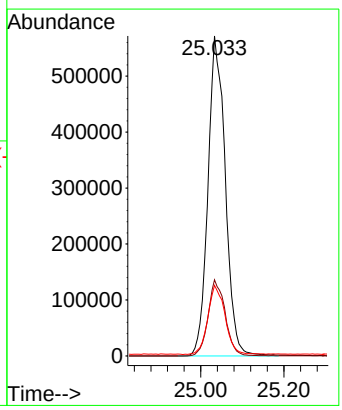


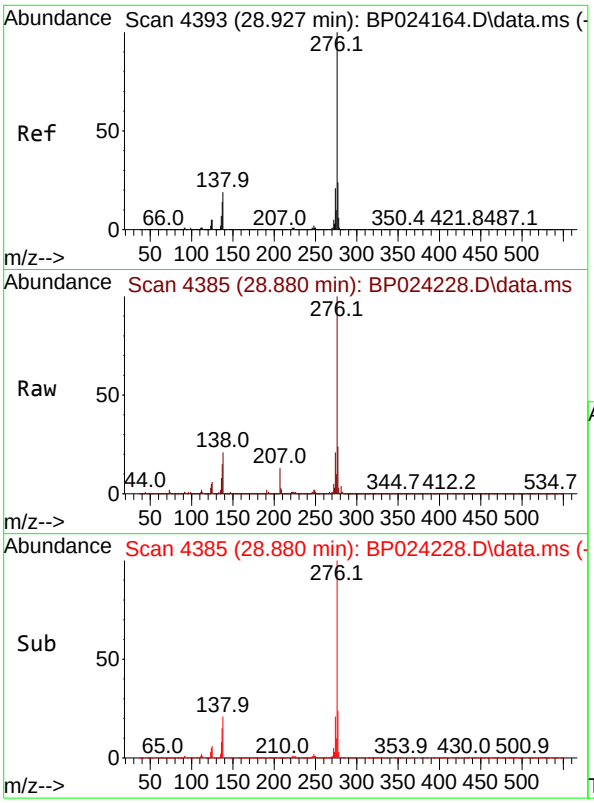


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 3731
Delta R.T. -0.024 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:264 Resp: 1654294

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.0	17.7	26.5



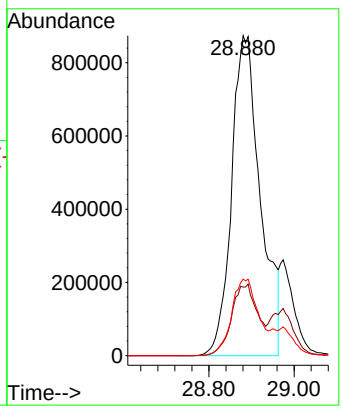


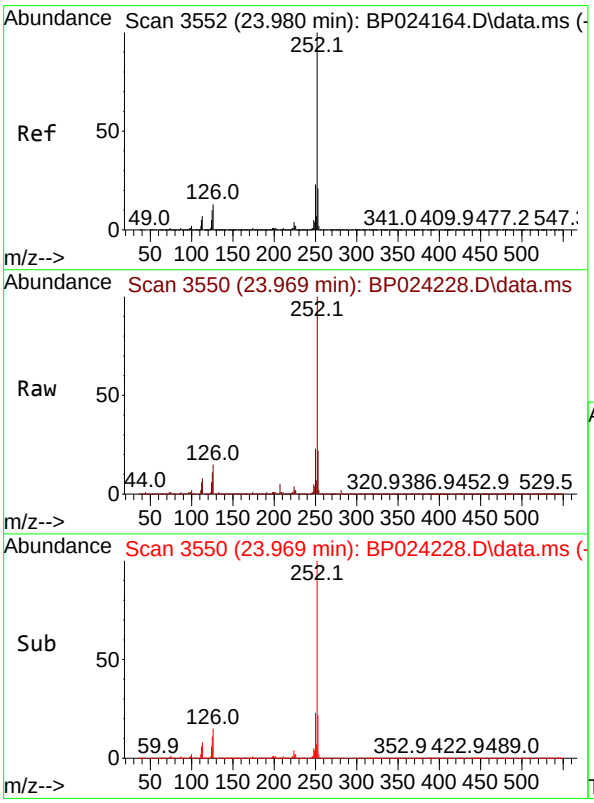
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.545 ng
RT: 28.880 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 4103902

Ion	Ratio	Lower	Upper
276	100		
138	20.3	13.7	20.5
277	22.1	20.2	30.2

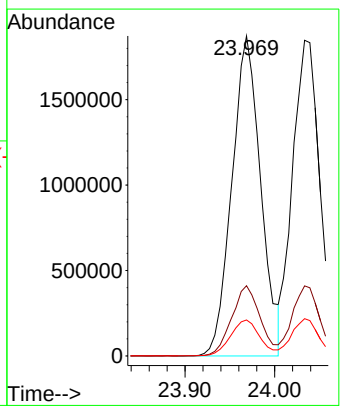


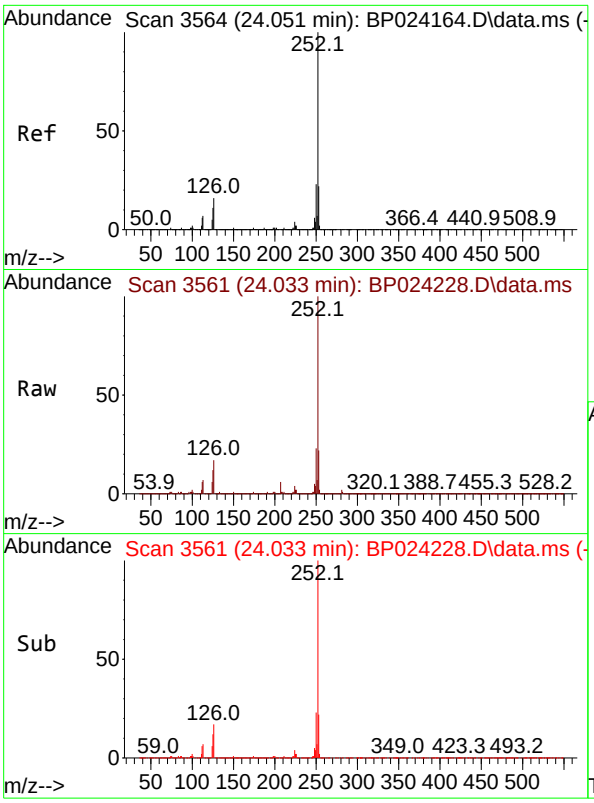


#88
Benzo(b)fluoranthene
Concen: 41.876 ng
RT: 23.969 min Scan# 3550
Delta R.T. -0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:252 Resp: 4176870

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.3	8.2	12.4



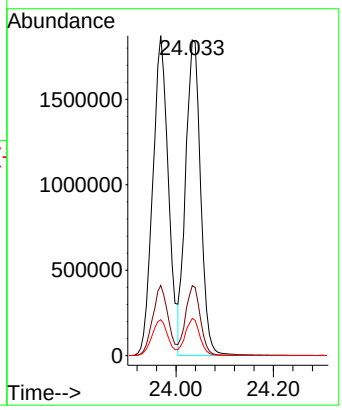


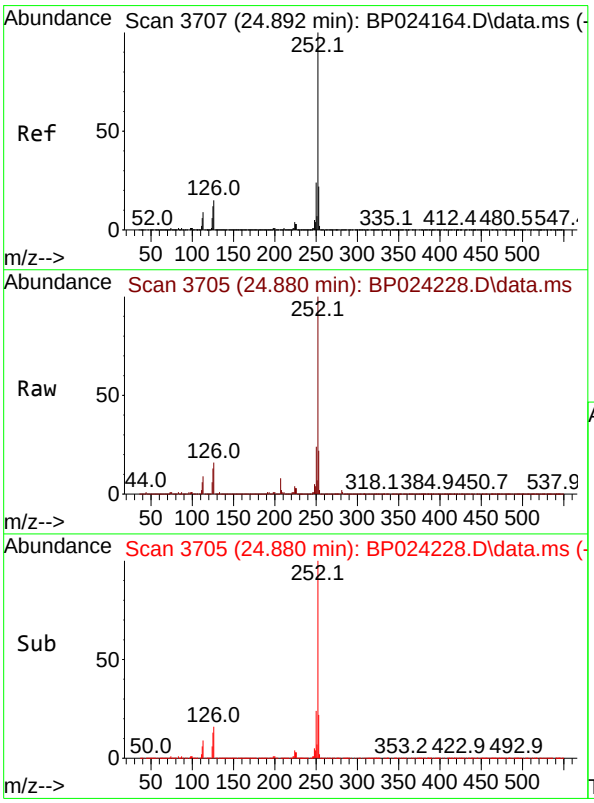
#89
Benzo(k)fluoranthene
Concen: 40.442 ng
RT: 24.033 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 3945832

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.8	9.1	13.7

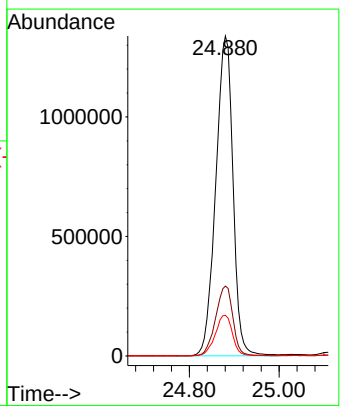


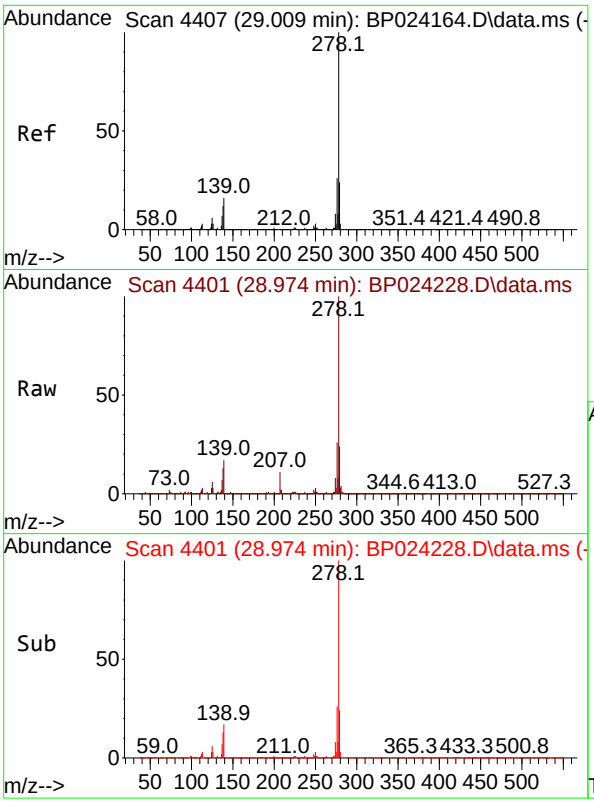


#90
Benzo(a)pyrene
Concen: 41.248 ng
RT: 24.880 min Scan# 3705
Delta R.T. -0.012 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:252 Resp: 3577625

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.7	9.6	14.4



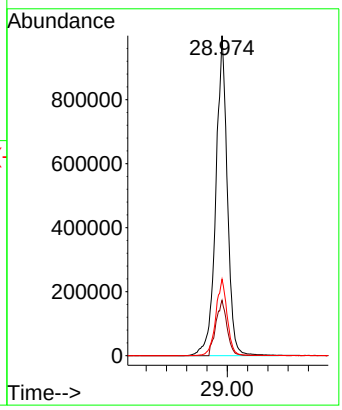


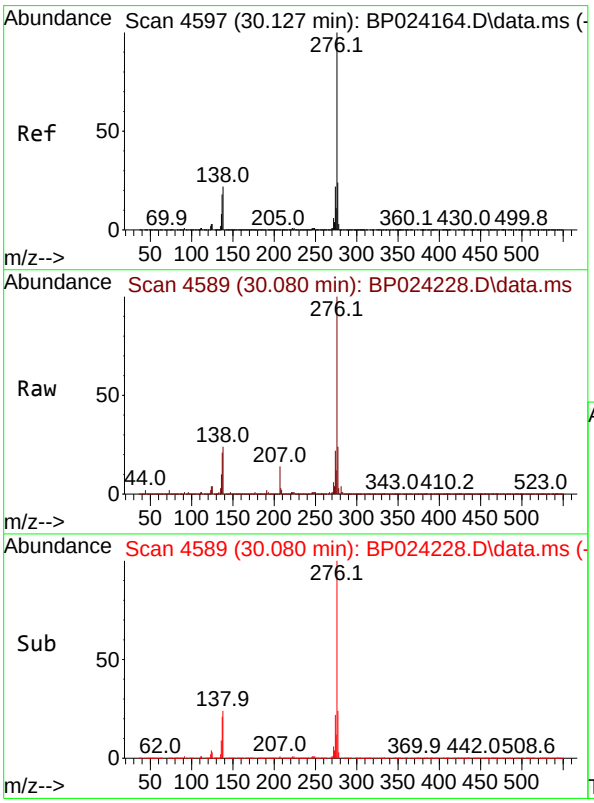
#91
Dibenzo(a,h)anthracene
Concen: 41.000 ng
RT: 28.974 min Scan# 44
Delta R.T. -0.035 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 3938270

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.0	19.4
279	23.9	18.8	28.2

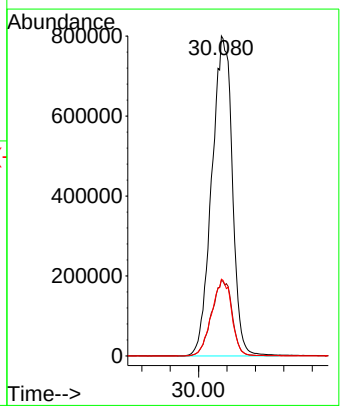




#92
Benzo(g,h,i)perylene
Concen: 41.010 ng
RT: 30.080 min Scan# 4589
Delta R.T. -0.047 min
Lab File: BP024228.D
Acq: 09 Apr 2025 10:08

Tgt Ion:276 Resp: 4004395

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	24.0	17.4	26.2



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	287084	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1167629	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	745990	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1461391	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	1456577	20.000	ng	-0.03
86) Perylene-d12	24.980	264	1774706	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1509234	83.918	ng	-0.02
7) Phenol-d6	6.928	99	2009634	83.561	ng	-0.02
23) Nitrobenzene-d5	8.893	82	1722757	83.245	ng	-0.03
42) 2,4,6-Tribromophenol	15.898	330	865387	92.095	ng	-0.02
45) 2-Fluorobiphenyl	12.993	172	3956663	78.208	ng	-0.02
79) Terphenyl-d14	19.898	244	6018426	85.292	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	290918	40.808	ng	98
3) Pyridine	3.699	79	790972	40.586	ng	97
4) n-Nitrosodimethylamine	3.605	42	261554	40.177	ng	100
6) Aniline	7.081	93	911265	41.588	ng	98
8) 2-Chlorophenol	7.316	128	807020	41.543	ng	99
9) Benzaldehyde	6.893	77	520280	44.828	ng	98
10) Phenol	6.952	94	1005438	41.412	ng	99
11) bis(2-Chloroethyl)ether	7.175	93	764420	39.926	ng	100
12) 1,3-Dichlorobenzene	7.634	146	855384	40.832	ng	100
13) 1,4-Dichlorobenzene	7.775	146	861602	40.282	ng	98
14) 1,2-Dichlorobenzene	8.093	146	828820	40.380	ng	99
15) Benzyl Alcohol	7.981	79	665865	43.732	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	790420	40.450	ng	97
17) 2-Methylphenol	8.187	107	647425	42.525	ng	99
18) Hexachloroethane	8.816	117	309718	40.814	ng	98
19) n-Nitroso-di-n-propyla...	8.546	70	586911	42.065	ng	99
20) 3+4-Methylphenols	8.510	107	902801	43.162	ng	99
22) Acetophenone	8.557	105	1214940	41.156	ng	99
24) Nitrobenzene	8.934	77	850529	41.661	ng	100
25) Isophorone	9.457	82	1548448	43.649	ng	99
26) 2-Nitrophenol	9.640	139	438933	45.010	ng	99
27) 2,4-Dimethylphenol	9.704	122	540227	43.082	ng	98
28) bis(2-Chloroethoxy)met...	9.934	93	1016244	40.721	ng	100
29) 2,4-Dichlorophenol	10.175	162	738339	43.526	ng	100
30) 1,2,4-Trichlorobenzene	10.387	180	759836	40.543	ng	99
31) Naphthalene	10.575	128	2547078	41.152	ng	100
32) Benzoic acid	9.846	122	652732	53.374	ng	97
33) 4-Chloroaniline	10.681	127	965625	43.595	ng	99
34) Hexachlorobutadiene	10.857	225	438635	40.667	ng	99
35) Caprolactam	11.469	113	275552	49.564	ng	98
36) 4-Chloro-3-methylphenol	11.810	107	842270	46.027	ng	99
37) 2-Methylnaphthalene	12.187	142	1757855	42.040	ng	99
38) 1-Methylnaphthalene	12.404	142	1710995	42.070	ng	100
40) 1,2,4,5-Tetrachloroben...	12.557	216	845975	39.230	ng	100
41) Hexachlorocyclopentadiene	12.540	237	261977	33.703	ng	100
43) 2,4,6-Trichlorophenol	12.798	196	584393	42.642	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	644222	42.864	ng	98
46) 1,1'-Biphenyl	13.204	154	2227781	39.741	ng	100
47) 2-Chloronaphthalene	13.245	162	1696678	40.239	ng	99
48) 2-Nitroaniline	13.445	65	497715	46.151	ng	95
49) Acenaphthylene	14.098	152	2680313	42.011	ng	100
50) Dimethylphthalate	13.834	163	2185393	41.867	ng	100
51) 2,6-Dinitrotoluene	13.951	165	474506	43.205	ng	99
52) Acenaphthene	14.445	154	1672351	41.025	ng	99
53) 3-Nitroaniline	14.287	138	528847	44.583	ng	99
54) 2,4-Dinitrophenol	14.492	184	227159	39.089	ng	97
55) Dibenzofuran	14.787	168	2685626	40.673	ng	98
56) 4-Nitrophenol	14.610	139	479403	48.367	ng	100
57) 2,4-Dinitrotoluene	14.751	165	662877	45.693	ng	97
58) Fluorene	15.445	166	2124806	41.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	584379	44.009	ng	100
60) Diethylphthalate	15.222	149	2209545	42.507	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1021081	40.466	ng	99
62) 4-Nitroaniline	15.469	138	573319	46.082	ng	99
63) Azobenzene	15.745	77	2092657	42.713	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	327048	37.697	ng	99
66) n-Nitrosodiphenylamine	15.663	169	1814075	40.878	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	657498	40.979	ng	97
68) Hexachlorobenzene	16.475	284	776475	40.888	ng	99
69) Atrazine	16.634	200	472555	44.117	ng	99
70) Pentachlorophenol	16.828	266	581658	47.363	ng	99
71) Phenanthrene	17.228	178	3232332	40.488	ng	100
72) Anthracene	17.316	178	3223966	41.462	ng	99
73) Carbazole	17.598	167	3196479	42.628	ng	100
74) Di-n-butylphthalate	18.186	149	3903701	43.854	ng	100
75) Fluoranthene	19.304	202	3869566	41.850	ng	99
77) Benzidine	19.504	184	1020809	64.100	ng	99
78) Pyrene	19.680	202	3942980	43.543	ng	100
80) Butylbenzylphthalate	20.633	149	1755848	47.019	ng	97
81) Benzo(a)anthracene	21.610	228	3823065	42.216	ng	100
82) 3,3'-Dichlorobenzidine	21.527	252	1504645	49.574	ng	99
83) Chrysene	21.674	228	3589965	41.237	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	2585259	45.881	ng	99
85) Di-n-octyl phthalate	22.827	149	4463969	49.446	ng	99
87) Indeno(1,2,3-cd)pyrene	28.815	276	5158569	41.648	ng	94
88) Benzo(b)fluoranthene	23.927	252	4222660	39.463	ng	98
89) Benzo(k)fluoranthene	23.998	252	4060841	38.797	ng	99
90) Benzo(a)pyrene	24.833	252	3822119	41.077	ng	100
91) Dibenzo(a,h)anthracene	28.886	278	4255246	41.295	ng	100
92) Benzo(g,h,i)perylene	29.992	276	2279960	21.766	ng	99

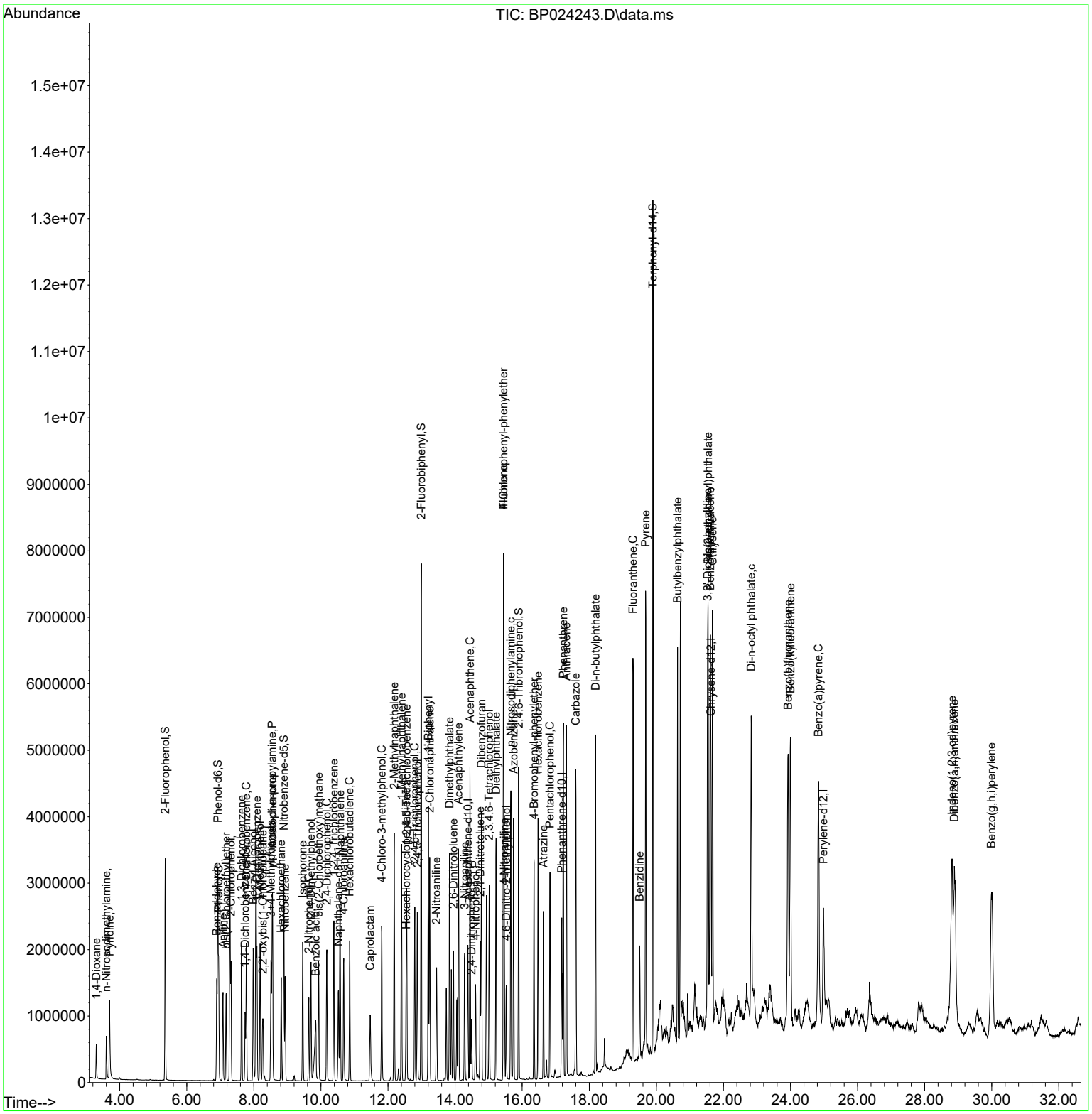
(#) = qualifier out of range (m) = manual integration (+) = signals summed

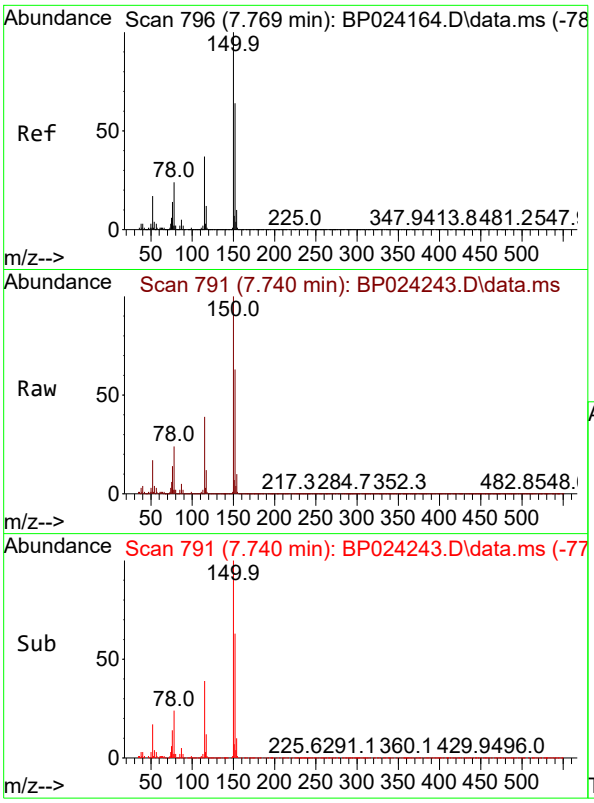
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 10 01:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



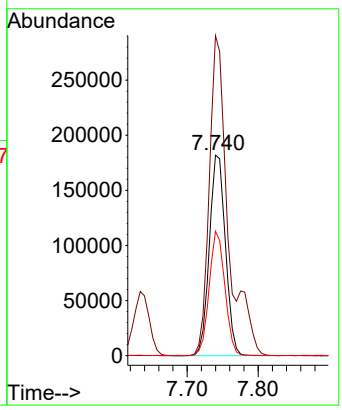


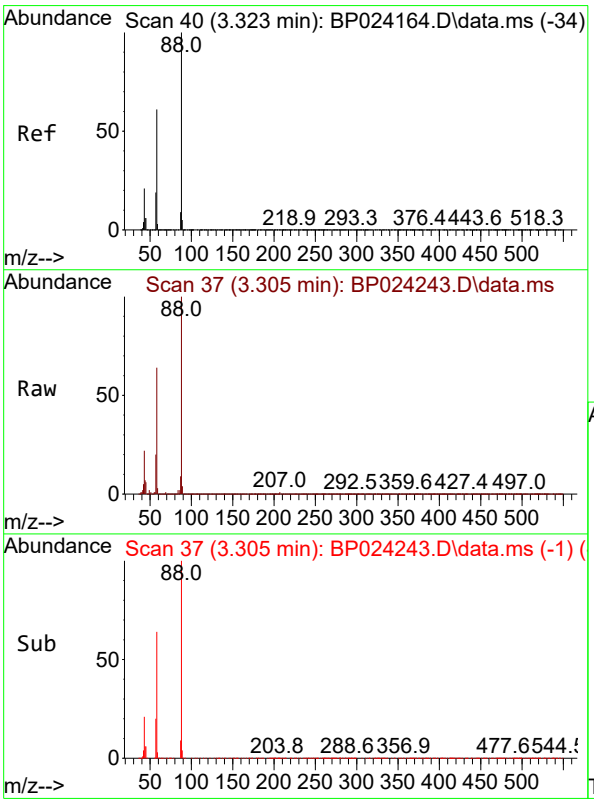
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 287084

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.5	188.3
115	62.1	46.3	69.5

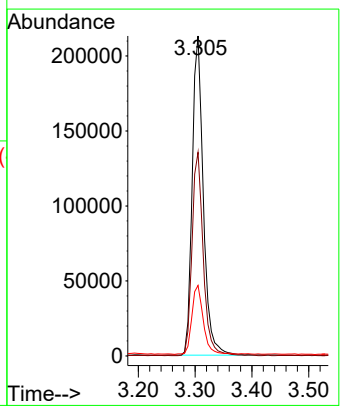


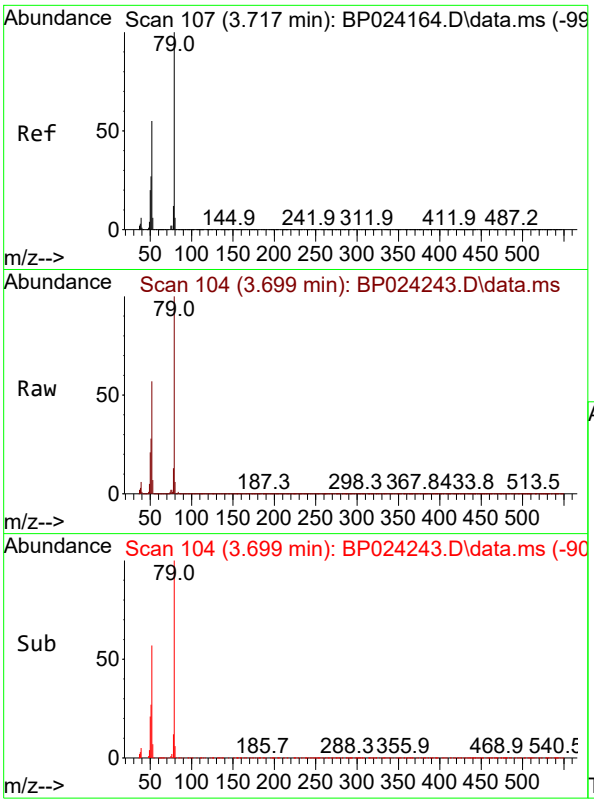


#2
1,4-Dioxane
Concen: 40.808 ng
RT: 3.305 min Scan# 37
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 88 Resp: 290918

Ion	Ratio	Lower	Upper
88	100		
58	64.3	49.8	74.6
43	22.1	17.3	25.9



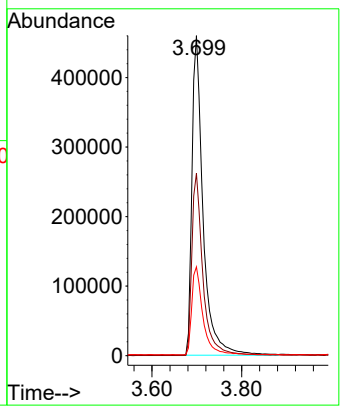


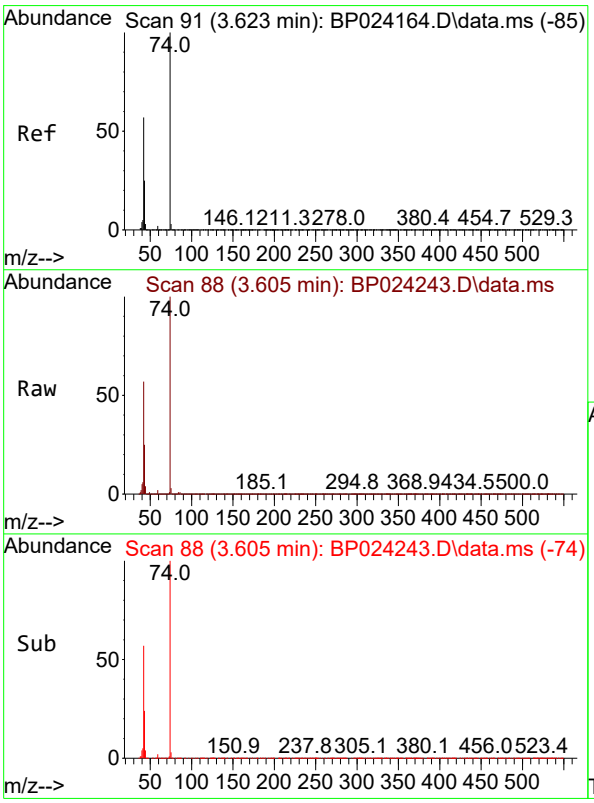
#3
Pyridine
Concen: 40.586 ng
RT: 3.699 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 790972

Ion	Ratio	Lower	Upper
79	100		
52	57.0	43.8	65.8
51	27.8	21.6	32.4

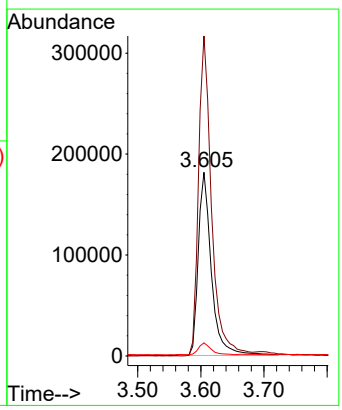


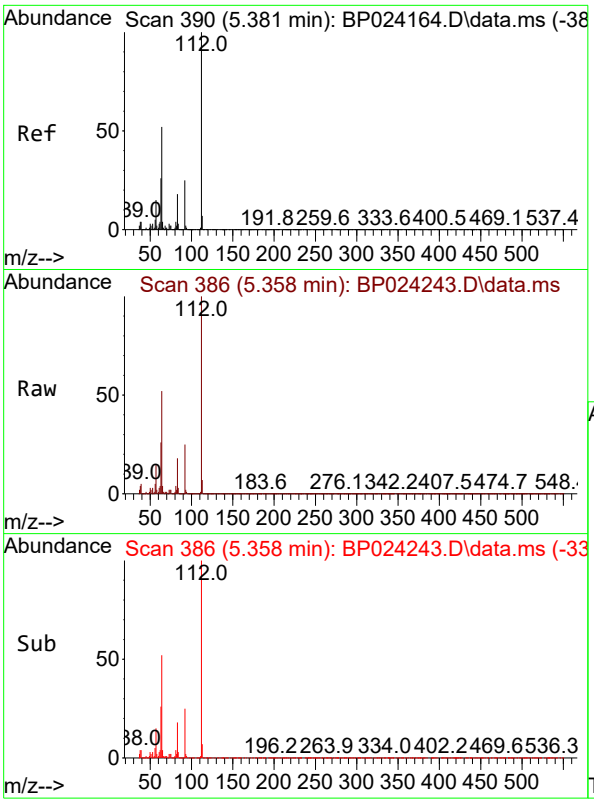


#4
n-Nitrosodimethylamine
Concen: 40.177 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 42 Resp: 261554

Ion	Ratio	Lower	Upper
42	100		
74	174.3	139.8	209.6
44	7.1	5.3	7.9



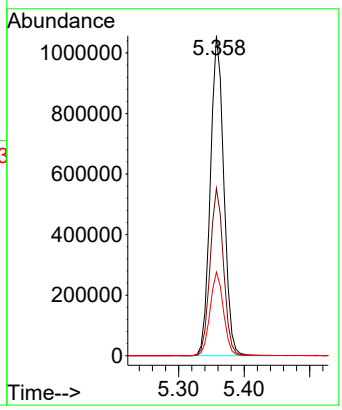


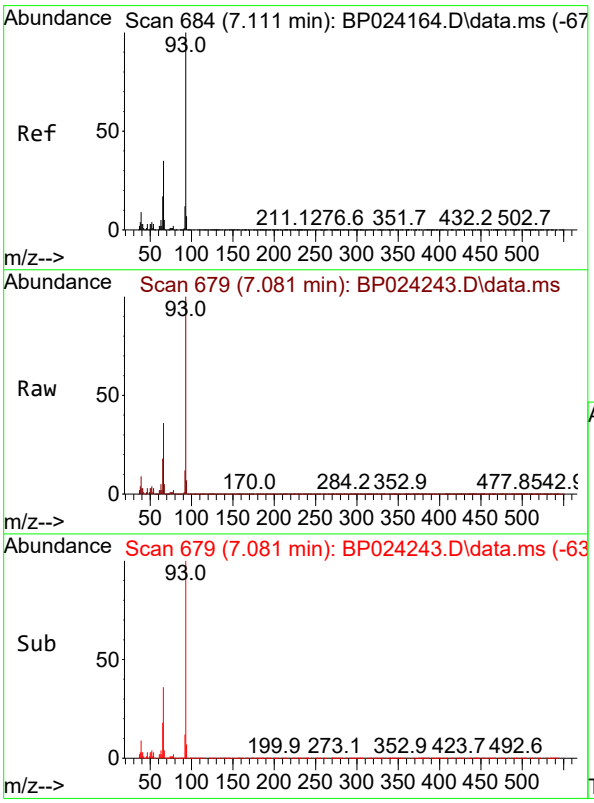
#5
2-Fluorophenol
Concen: 83.918 ng
RT: 5.358 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 1509234

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.3	61.9
63	26.1	20.6	31.0

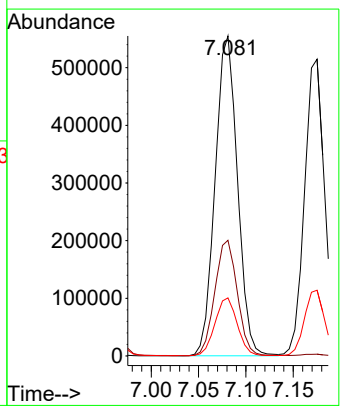


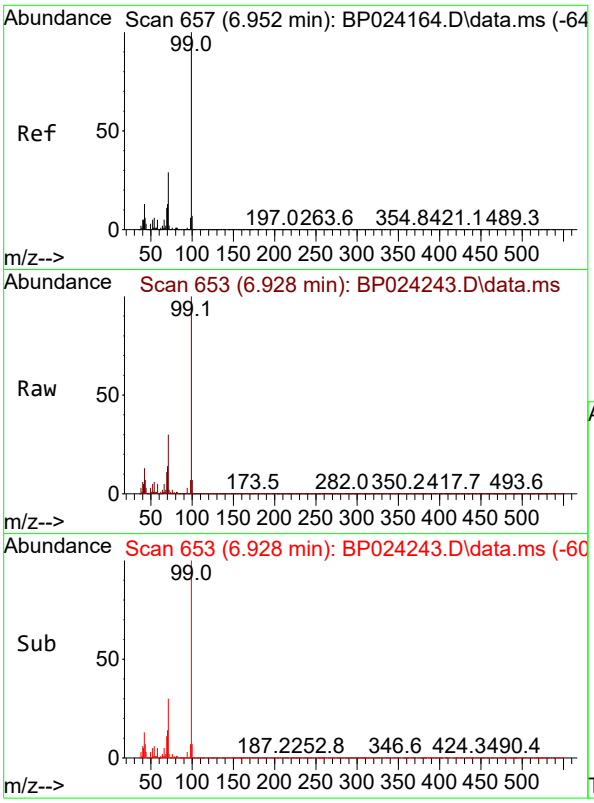


#6
Aniline
Concen: 41.588 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 93 Resp: 911265

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.2	42.2
65	18.2	14.0	21.0



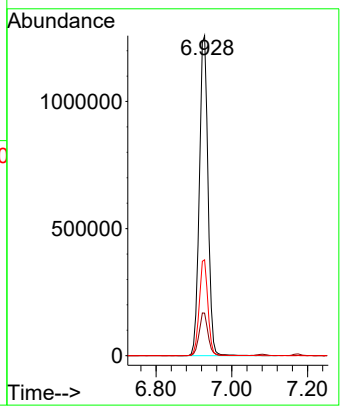


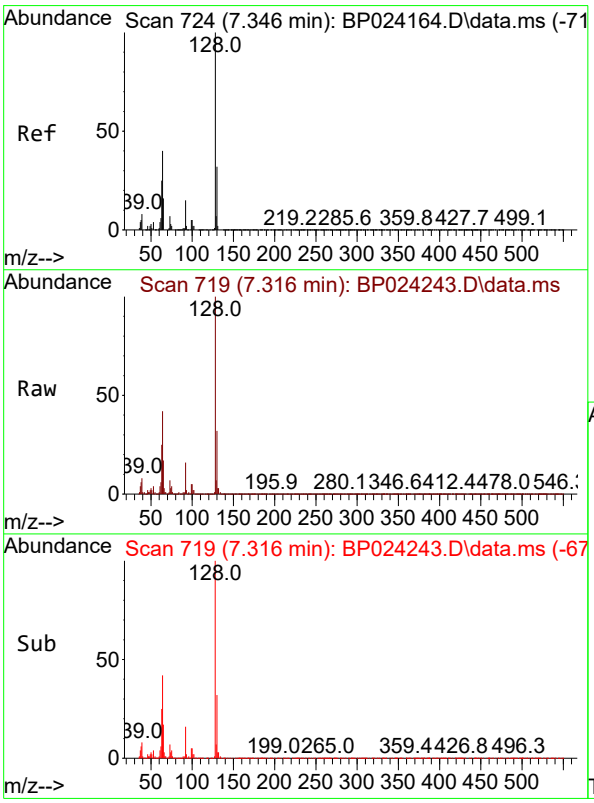
#7
Phenol-d6
Concen: 83.561 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 2009634

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	30.0	23.3	34.9

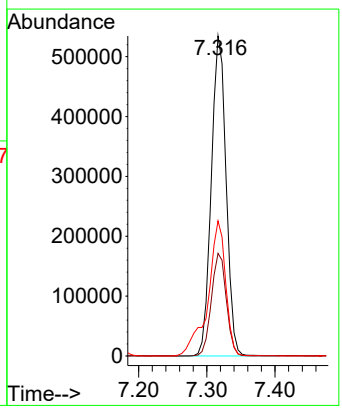


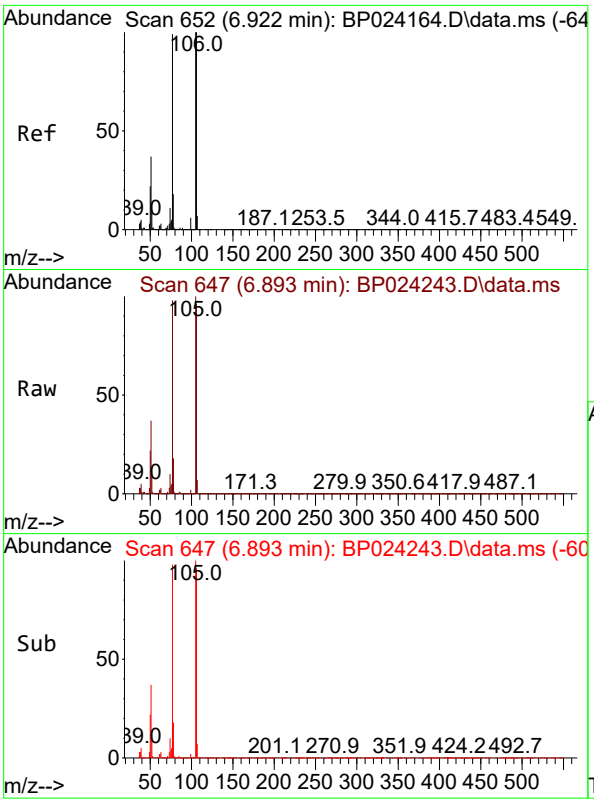


#8
2-Chlorophenol
Concen: 41.543 ng
RT: 7.316 min Scan# 719
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:128 Resp: 807020

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	42.2	21.6	61.6



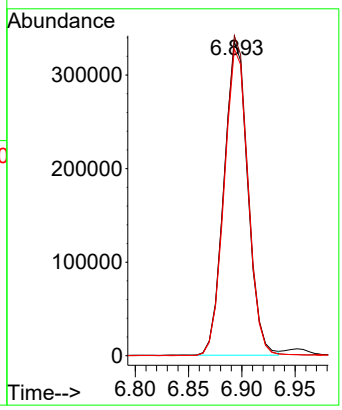


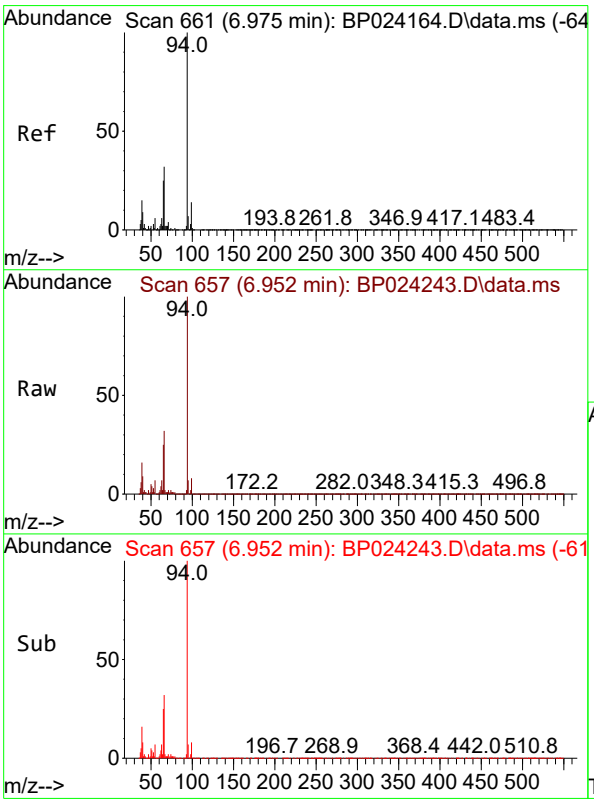
#9
Benzaldehyde
Concen: 44.828 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 520280

Ion	Ratio	Lower	Upper
77	100		
105	101.9	81.4	121.4
106	97.7	81.1	121.1

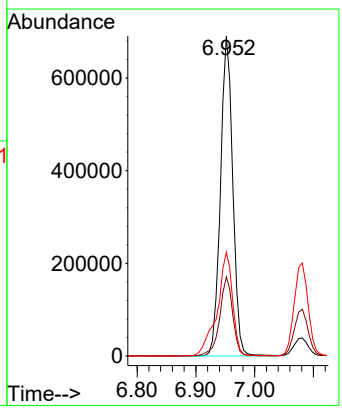


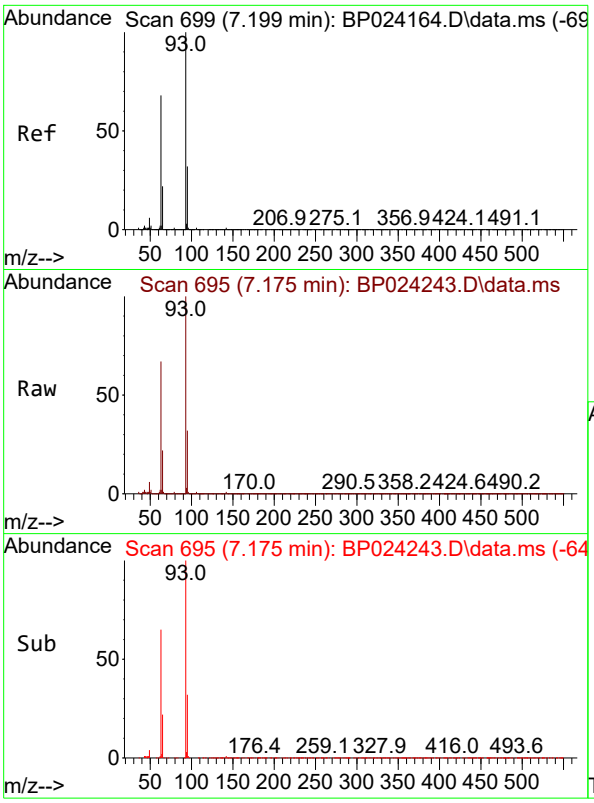


#10
Phenol
Concen: 41.412 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 94 Resp: 1005438

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.9	44.9
66	32.4	11.9	51.9



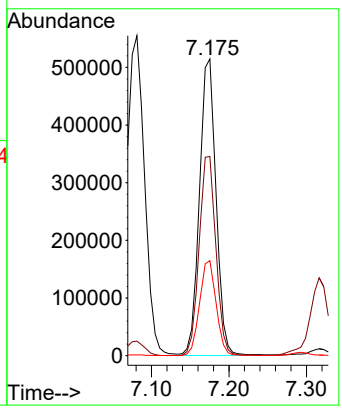


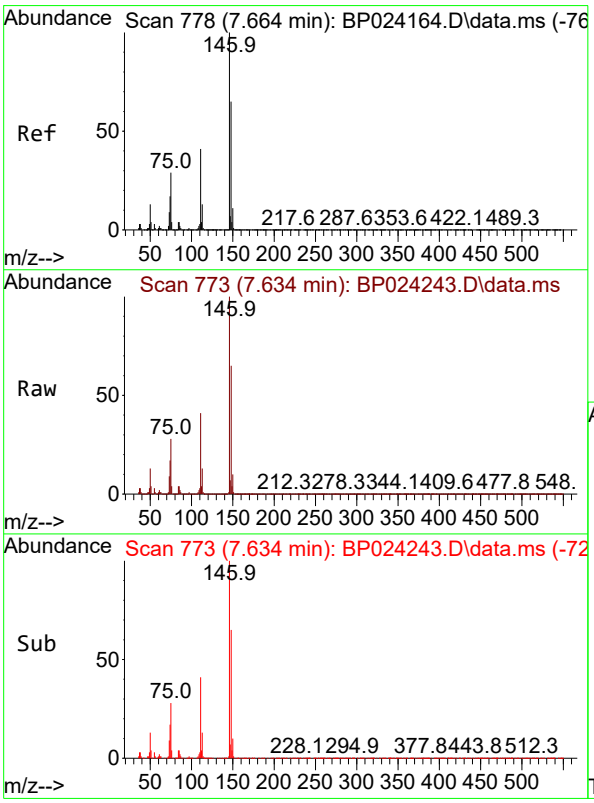
#11
bis(2-Chloroethyl)ether
Concen: 39.926 ng
RT: 7.175 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 764420

Ion	Ratio	Lower	Upper
93	100		
63	67.1	47.4	87.4
95	32.0	12.1	52.1

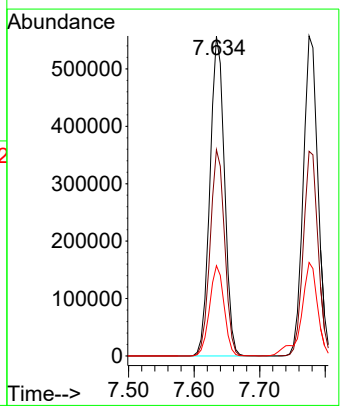


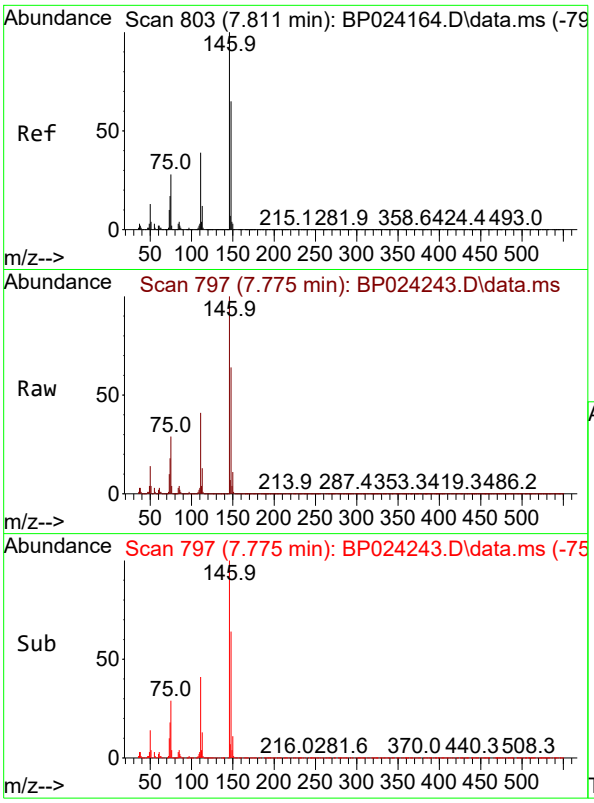


#12
1,3-Dichlorobenzene
Concen: 40.832 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:146 Resp: 855384

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.2	22.8	34.2



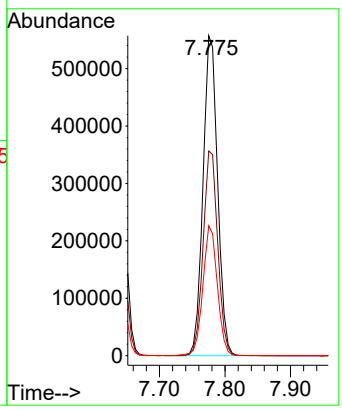


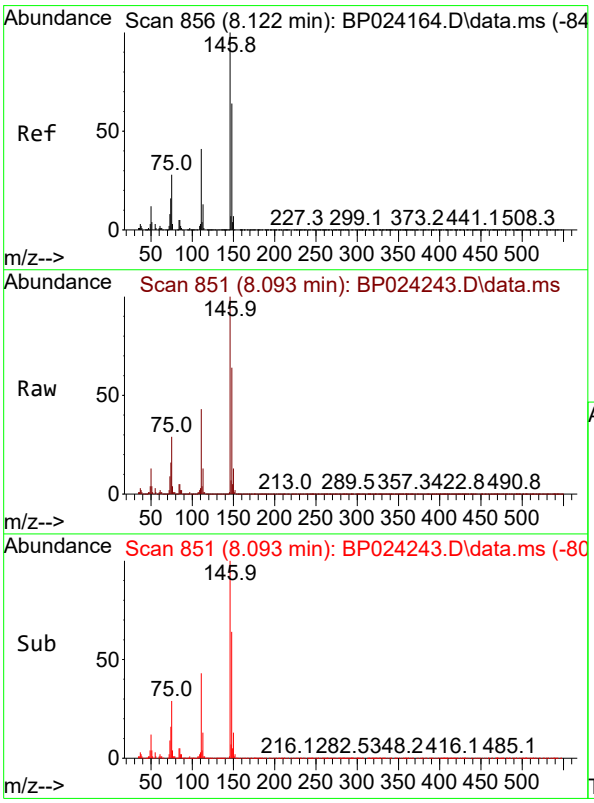
#13
1,4-Dichlorobenzene
Concen: 40.282 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.035 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 861602

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	40.6	31.4	47.2

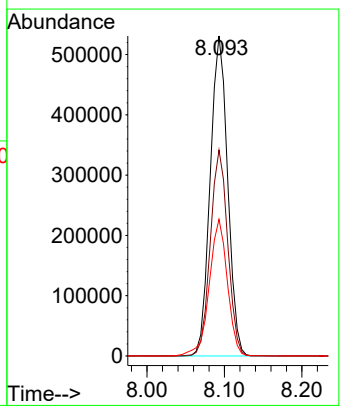


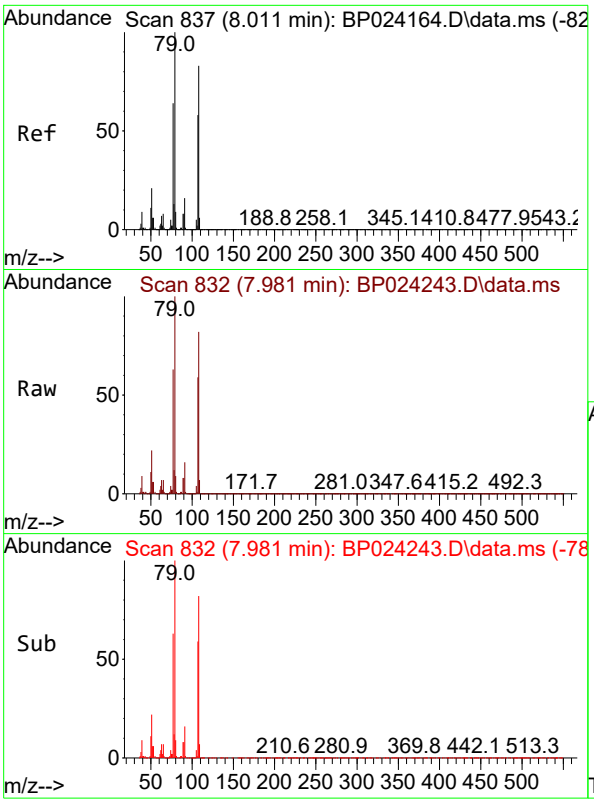


#14
1,2-Dichlorobenzene
Concen: 40.380 ng
RT: 8.093 min Scan# 851
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:146 Resp: 828820

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	42.7	33.2	49.8



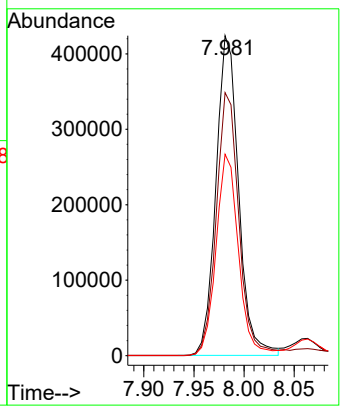


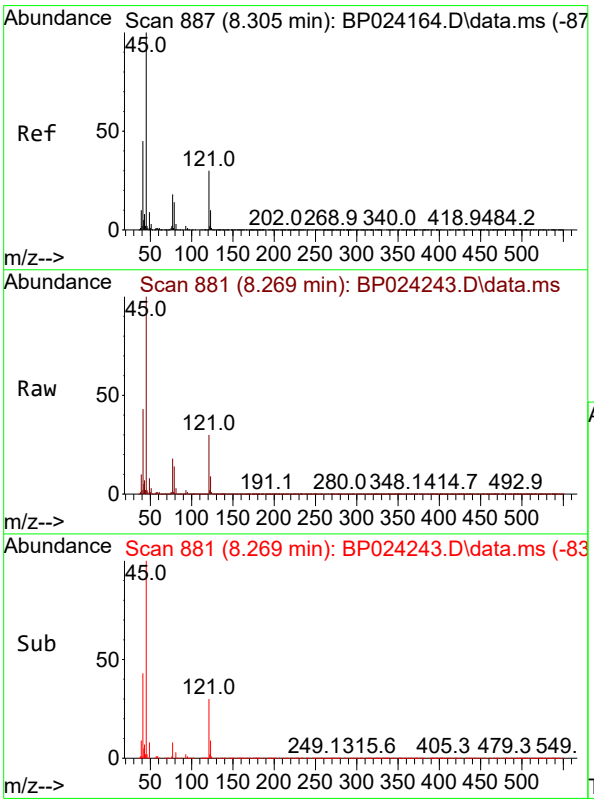
#15
Benzyl Alcohol
Concen: 43.732 ng
RT: 7.981 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 665865

Ion	Ratio	Lower	Upper
79	100		
108	82.2	66.5	99.7
77	62.9	50.9	76.3

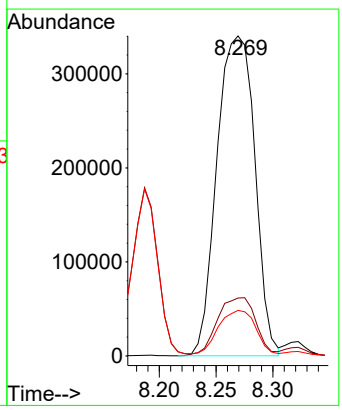


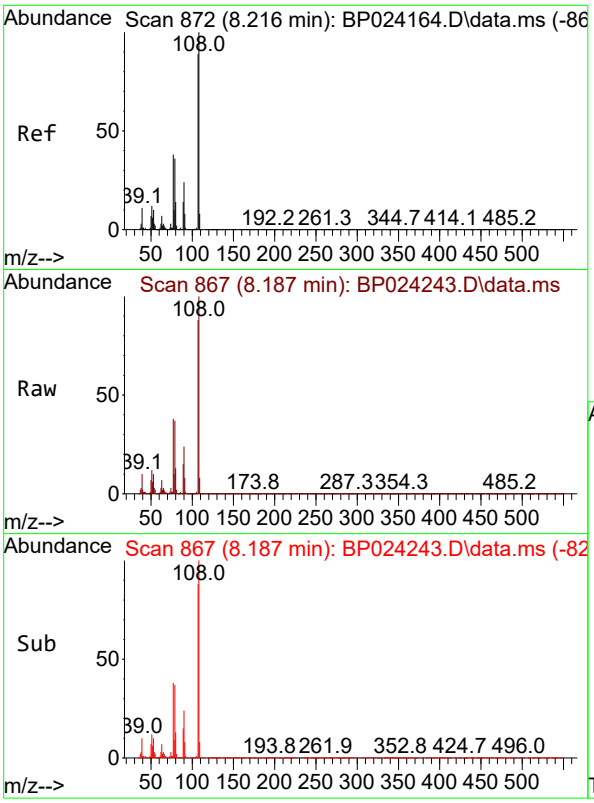


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.450 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.035 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 45 Resp: 790420

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	39.0
79	14.3	0.0	35.6



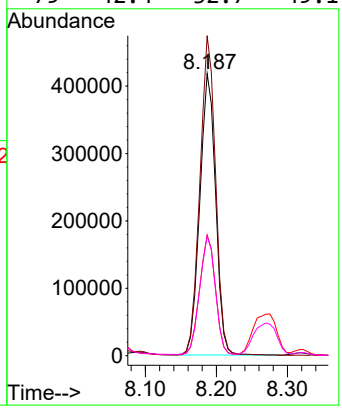


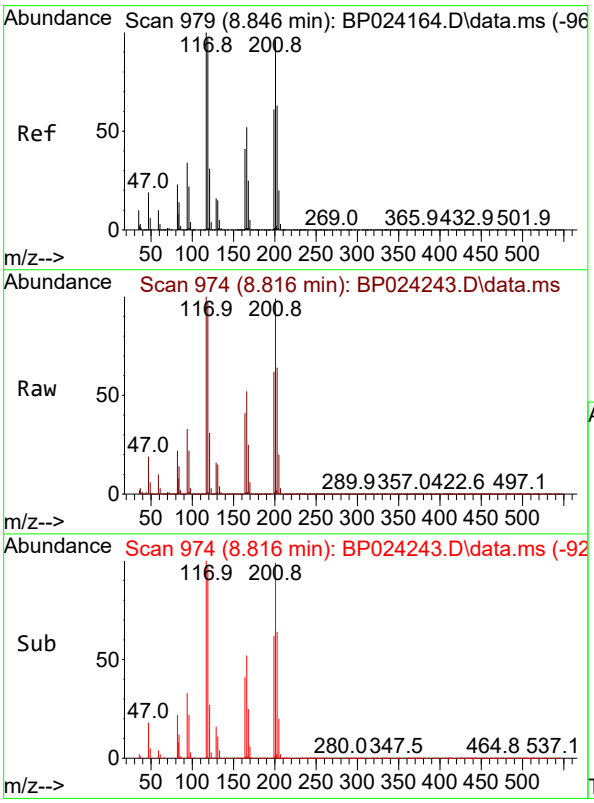
#17
2-Methylphenol
Concen: 42.525 ng
RT: 8.187 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 647425

Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.0	135.0
77	42.8	34.0	51.0
79	42.4	32.7	49.1

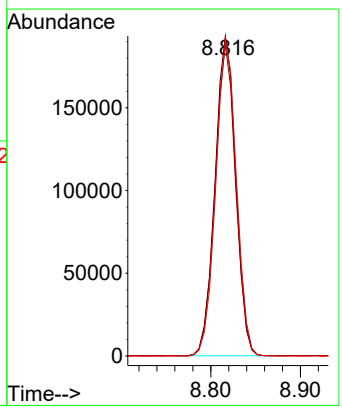


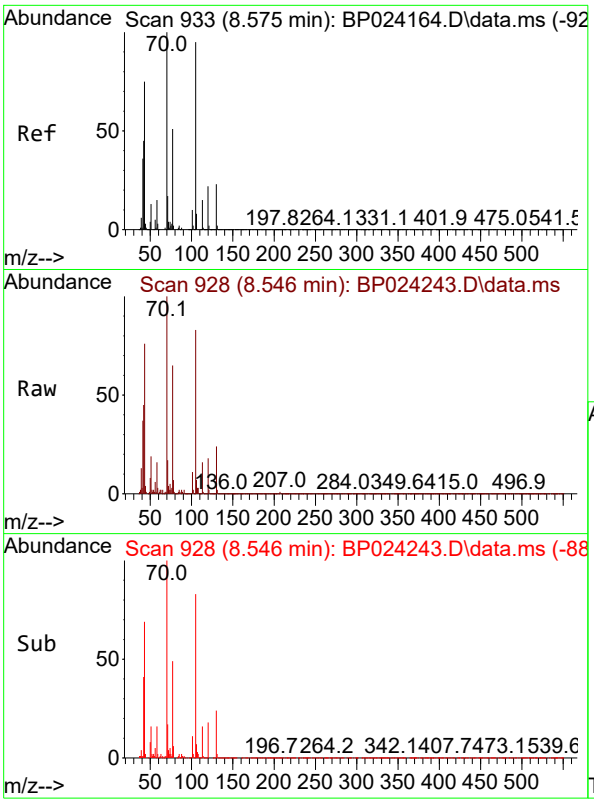


#18
Hexachloroethane
Concen: 40.814 ng
RT: 8.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:117 Resp: 309718

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	99.1	76.6	114.8



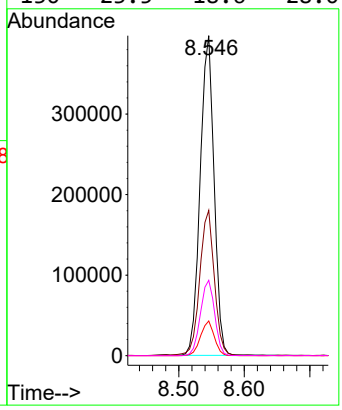


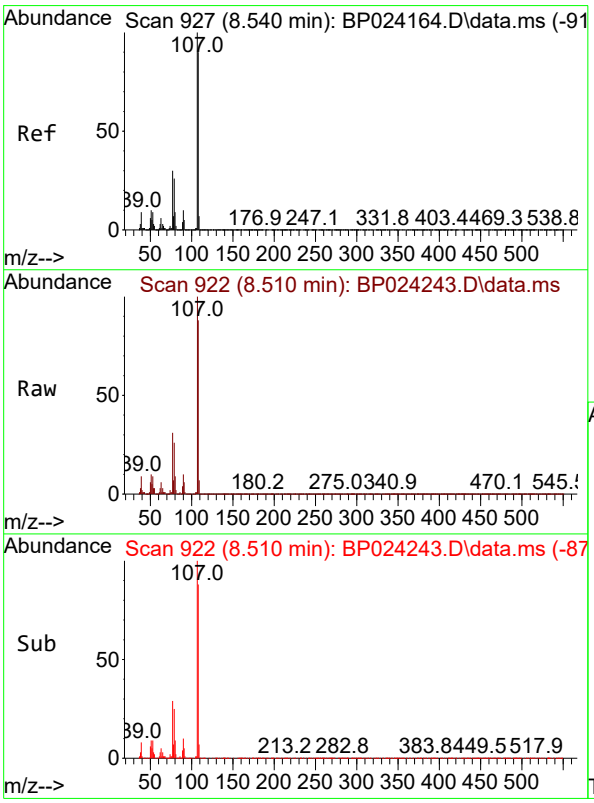
#19
n-Nitroso-di-n-propylamine
Concen: 42.065 ng
RT: 8.546 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 586911

Ion	Ratio	Lower	Upper
70	100		
42	45.4	36.0	54.0
101	10.8	8.3	12.5
130	23.5	18.6	28.0

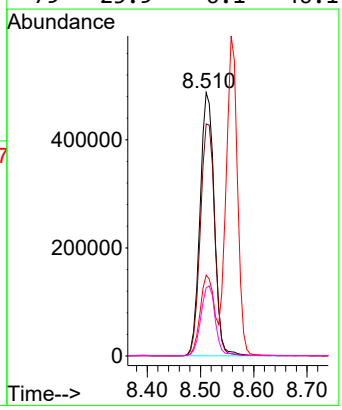


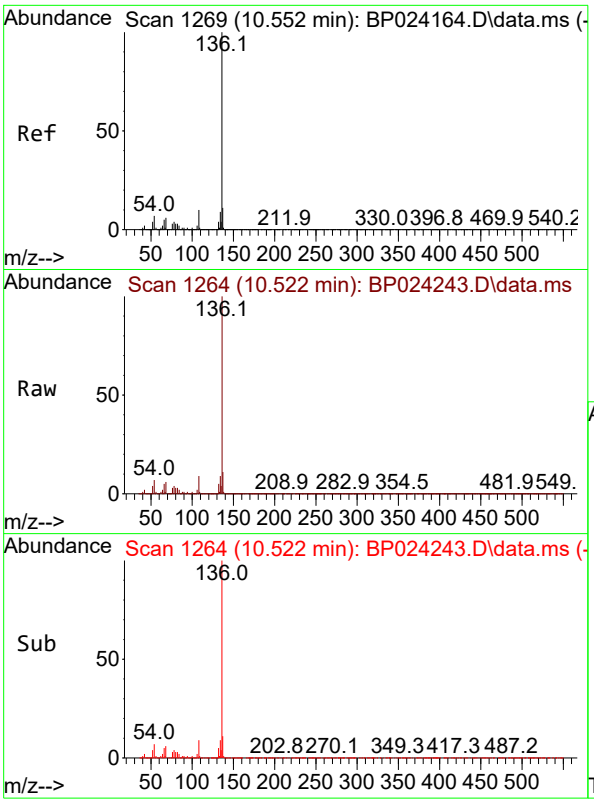


#20
3+4-Methylphenols
Concen: 43.162 ng
RT: 8.510 min Scan# 922
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:107 Resp: 902801

Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.7	109.7
77	30.7	10.3	50.3
79	25.9	6.1	46.1



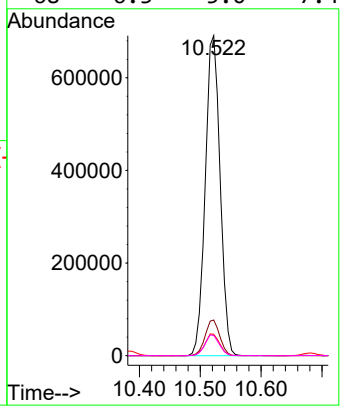


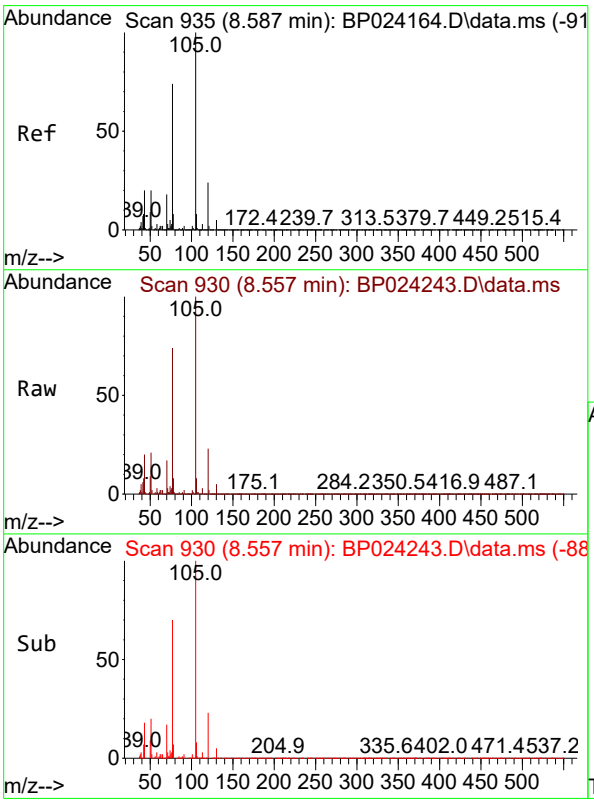
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 1167629

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.3	7.9
68	6.3	5.0	7.4

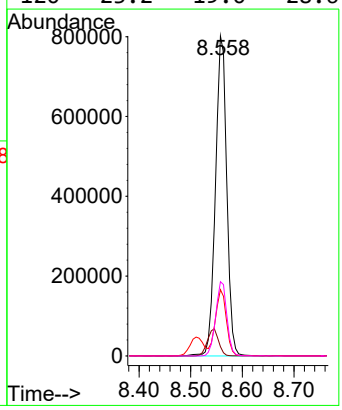


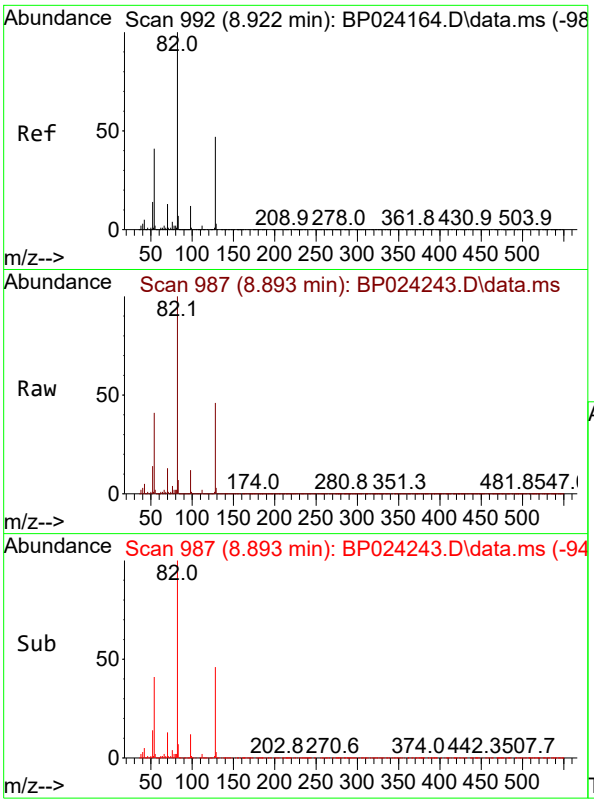


#22
Acetophenone
Concen: 41.156 ng
RT: 8.557 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:105 Resp: 1214940

Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.4	3.6
51	20.7	16.2	24.2
120	23.2	19.0	28.6



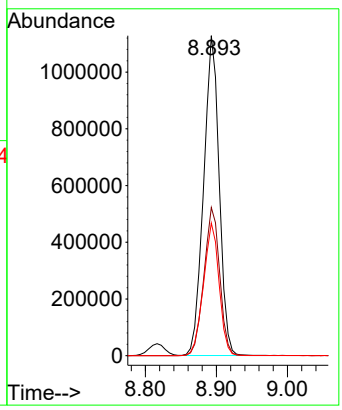


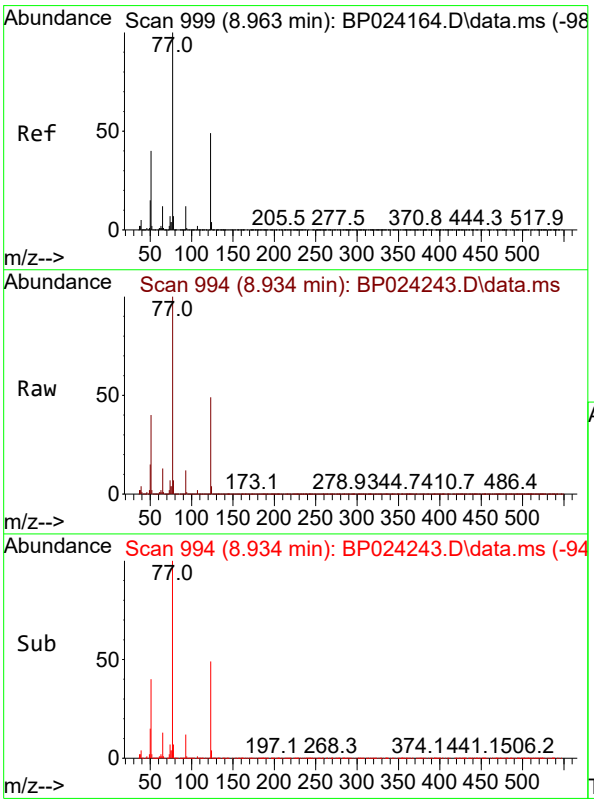
#23
Nitrobenzene-d5
Concen: 83.245 ng
RT: 8.893 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1722757

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.0
54	41.5	32.5	48.7

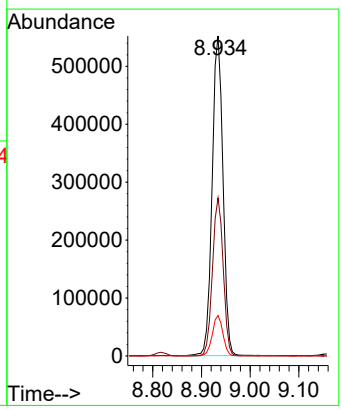


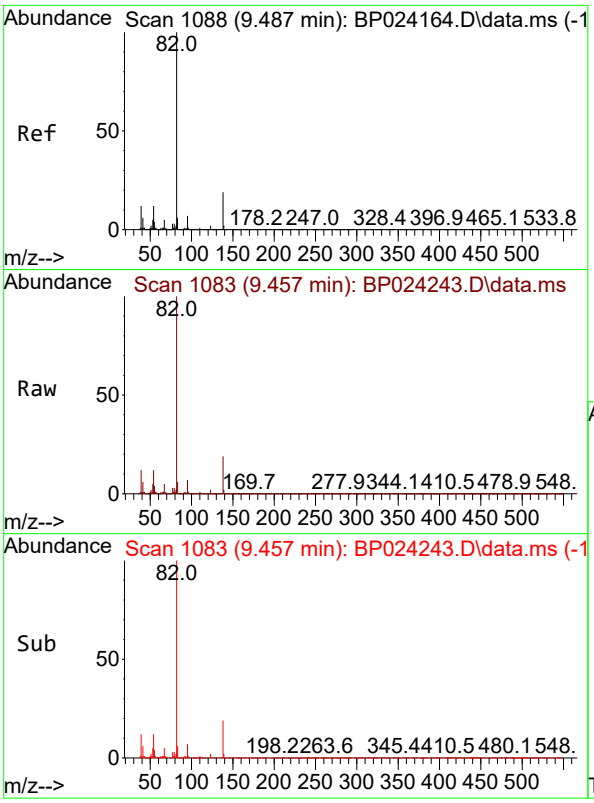


#24
Nitrobenzene
Concen: 41.661 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 77 Resp: 850529

Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.4	59.2
65	12.7	9.9	14.9



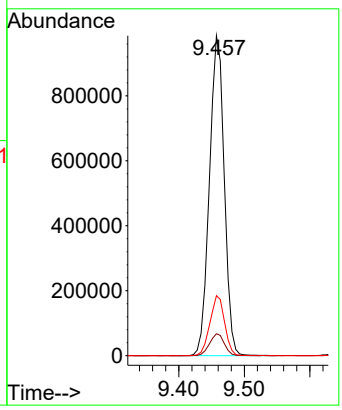


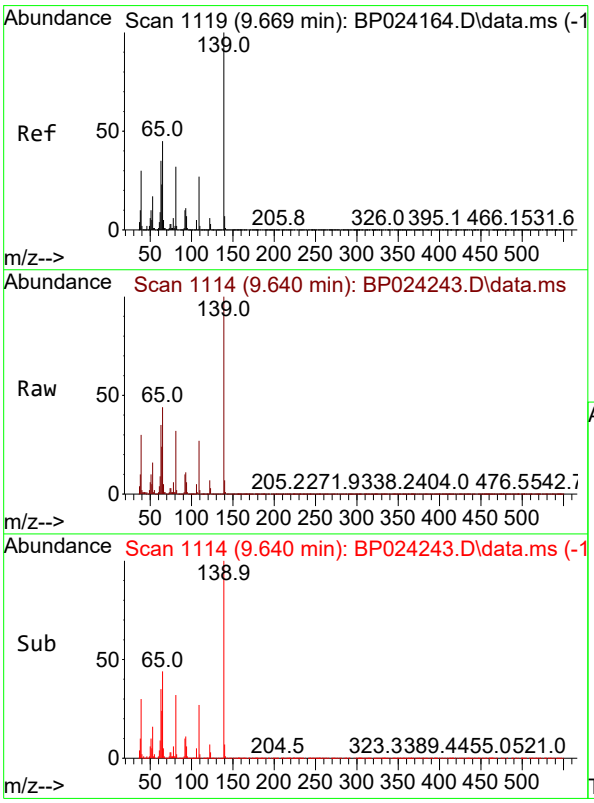
#25
Isophorone
Concen: 43.649 ng
RT: 9.457 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1548448

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	18.8	14.8	22.2

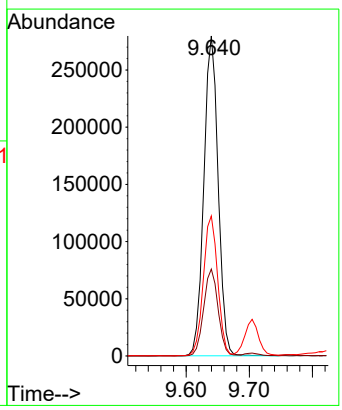


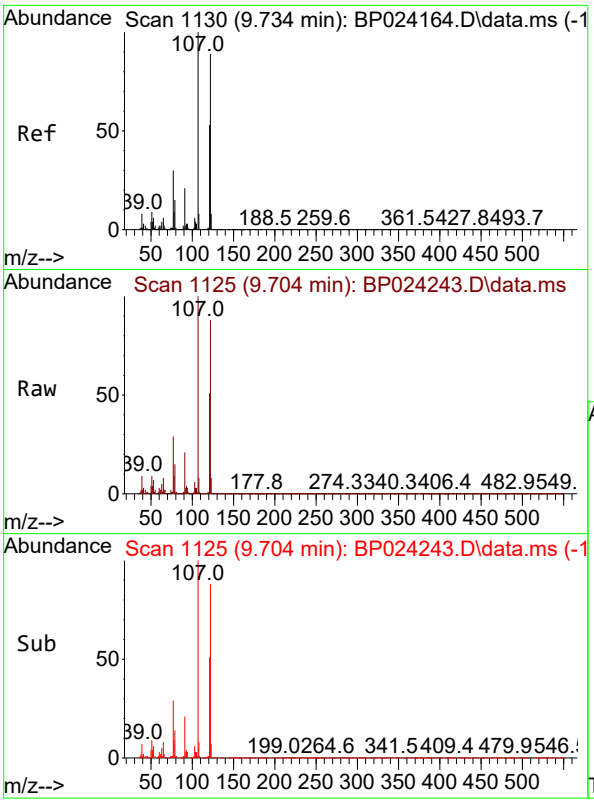


#26
2-Nitrophenol
Concen: 45.010 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:139 Resp: 438933

Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.7	32.5
65	43.8	35.8	53.8



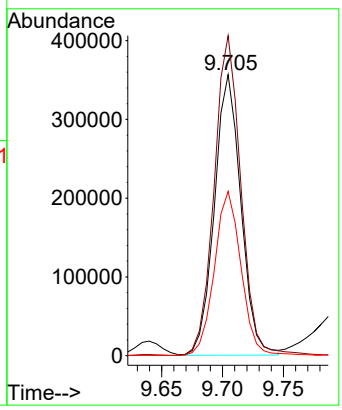


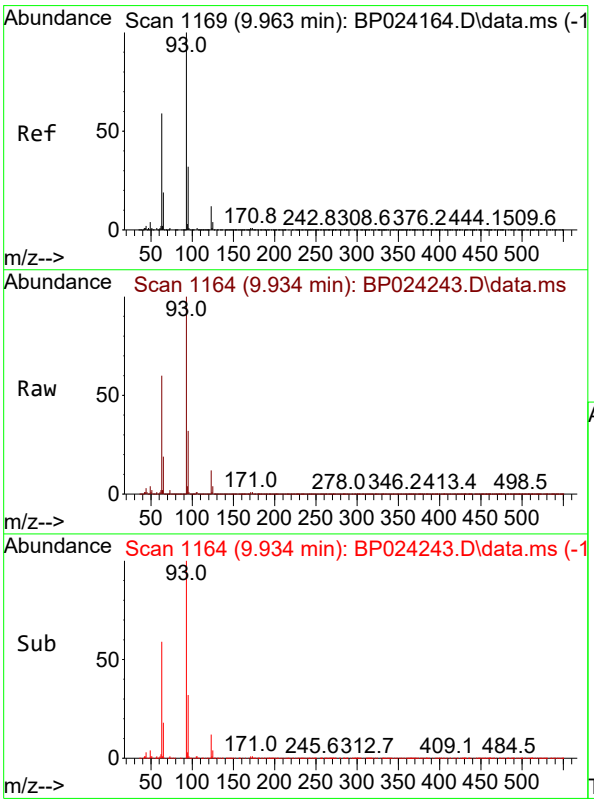
#27
2,4-Dimethylphenol
Concen: 43.082 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 540227

Ion	Ratio	Lower	Upper
122	100		
107	113.8	89.3	133.9
121	58.4	47.5	71.3

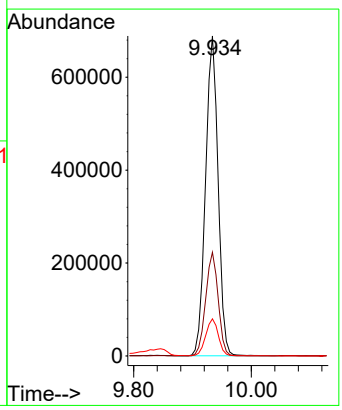


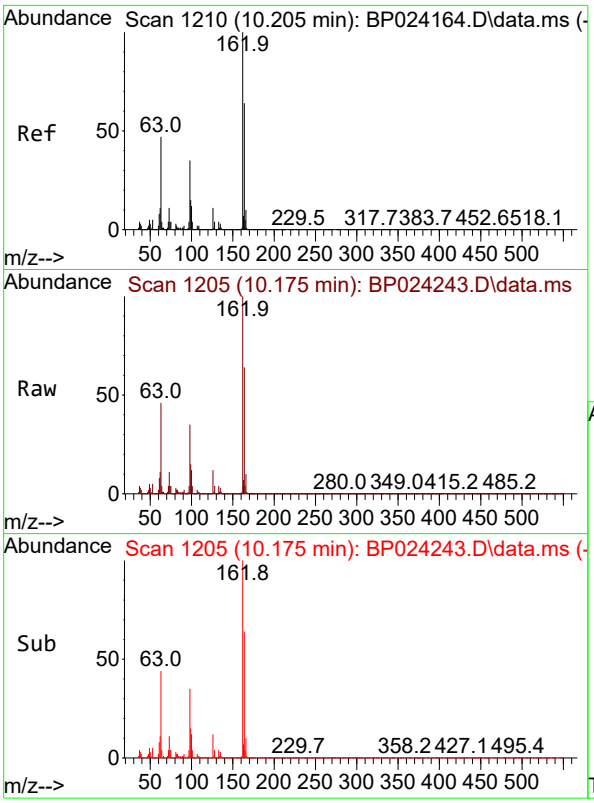


#28
bis(2-Chloroethoxy)methane
Concen: 40.721 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 93 Resp: 1016244

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.6	9.5	14.3



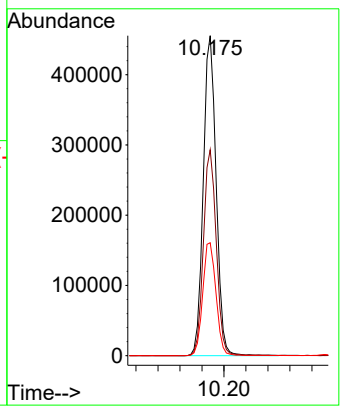


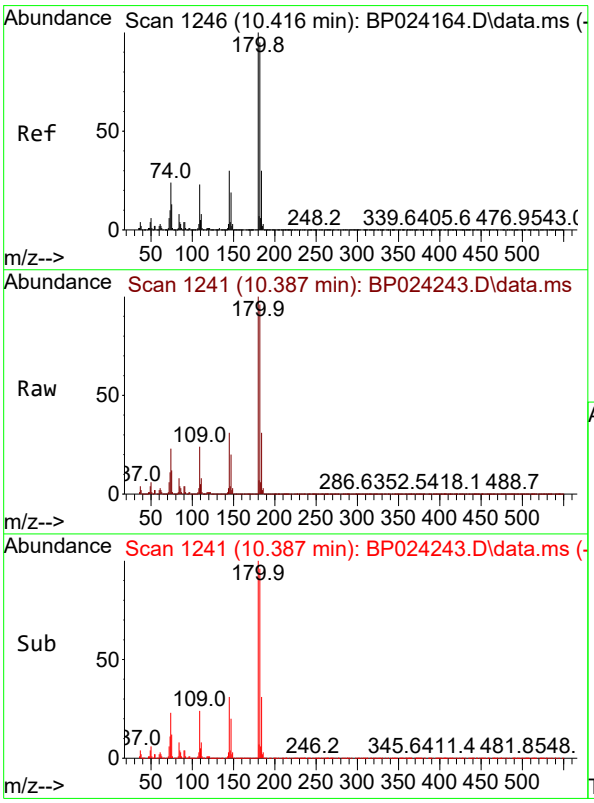
#29
2,4-Dichlorophenol
Concen: 43.526 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 738339

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	35.3	15.1	55.1

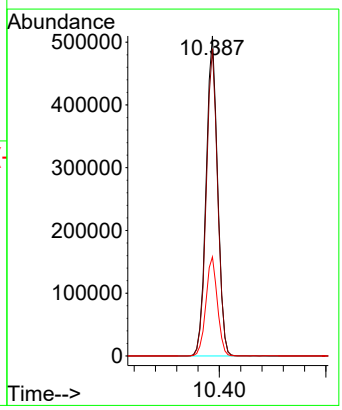


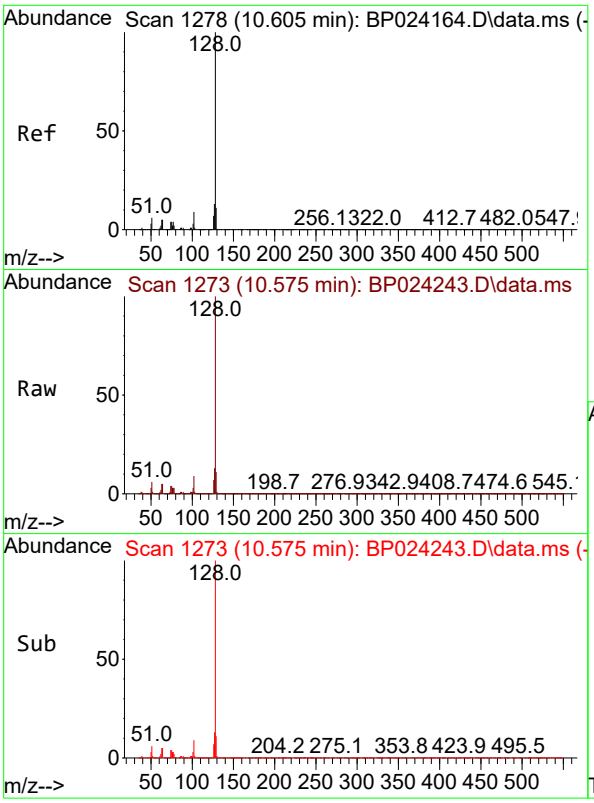


#30
1,2,4-Trichlorobenzene
Concen: 40.543 ng
RT: 10.387 min Scan# 1241
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:180 Resp: 759836

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
145	31.0	24.2	36.2



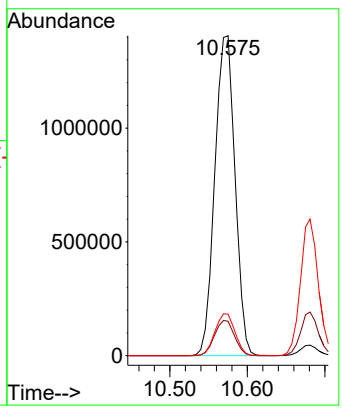


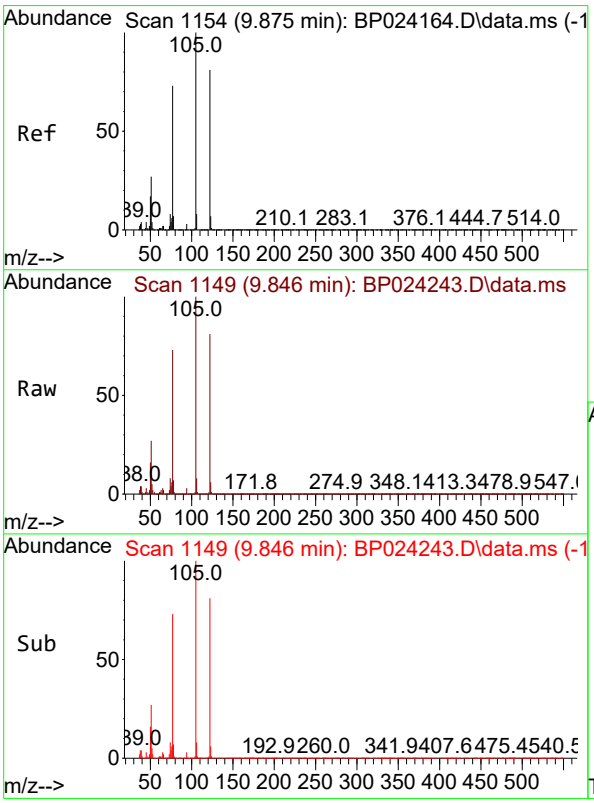
#31
Naphthalene
Concen: 41.152 ng
RT: 10.575 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 2547078

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.0	10.4	15.6

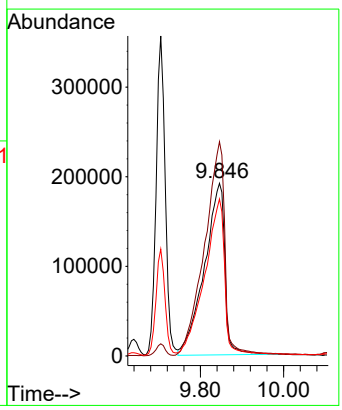


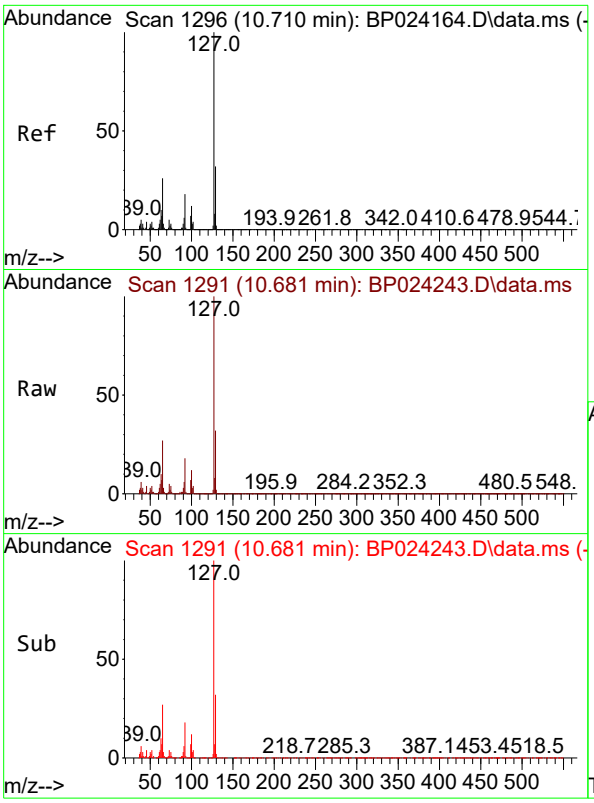


#32
Benzoic acid
Concen: 53.374 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:122 Resp: 652732

Ion	Ratio	Lower	Upper
122	100		
105	124.1	100.3	140.3
77	91.0	69.1	109.1



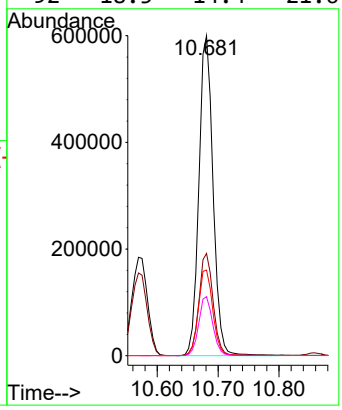


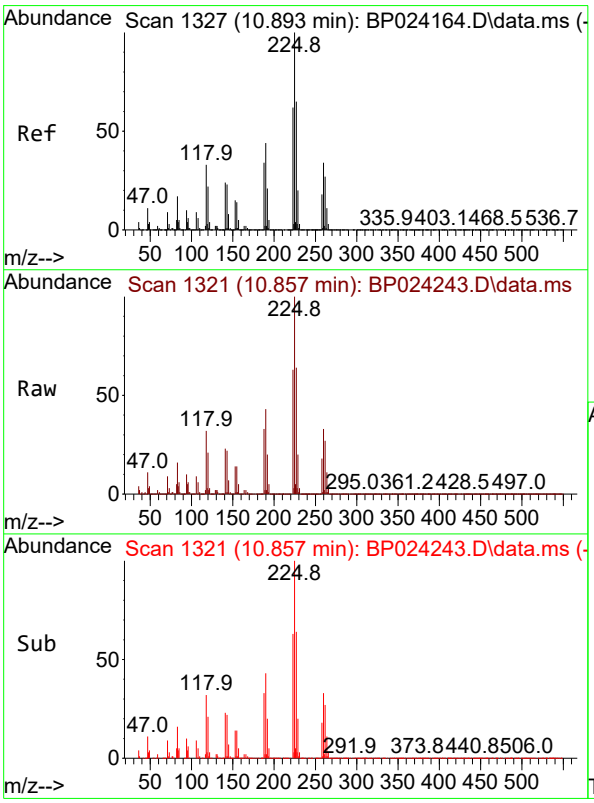
#33
4-Chloroaniline
Concen: 43.595 ng
RT: 10.681 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 965625

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	26.8	21.2	31.8
92	18.5	14.4	21.6

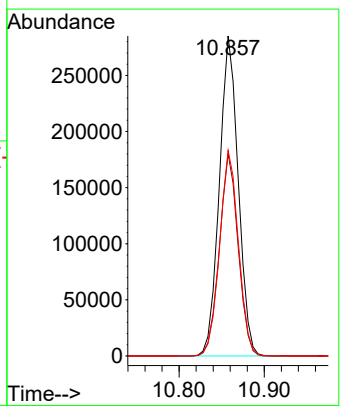


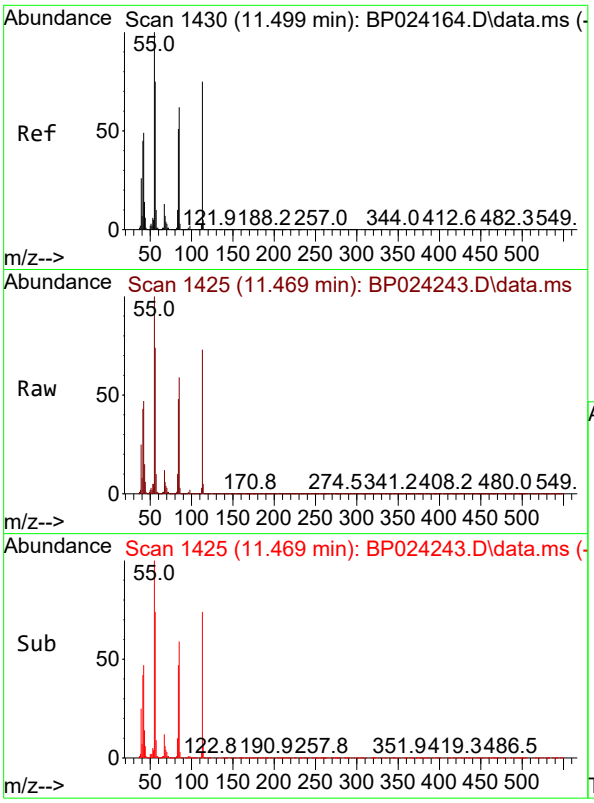


#34
Hexachlorobutadiene
Concen: 40.667 ng
RT: 10.857 min Scan# 1321
Delta R.T. -0.035 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:225 Resp: 438635

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	64.3	52.2	78.2



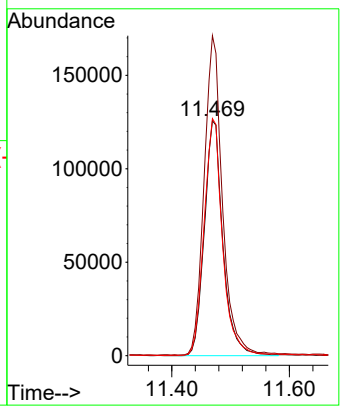


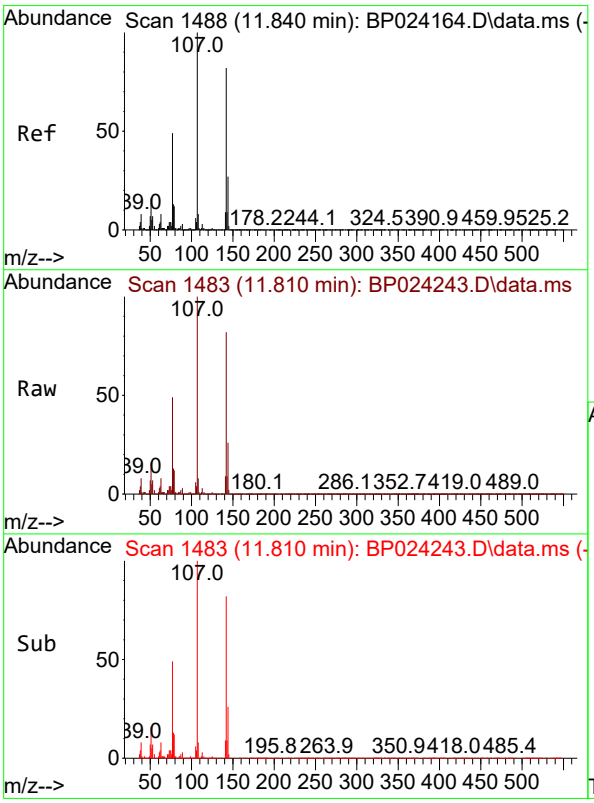
#35
Caprolactam
Concen: 49.564 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 275552

Ion	Ratio	Lower	Upper
113	100		
55	136.2	113.6	153.6
56	100.9	80.0	120.0

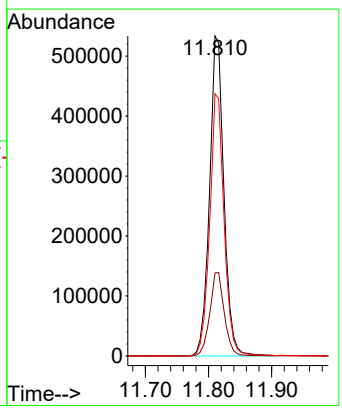


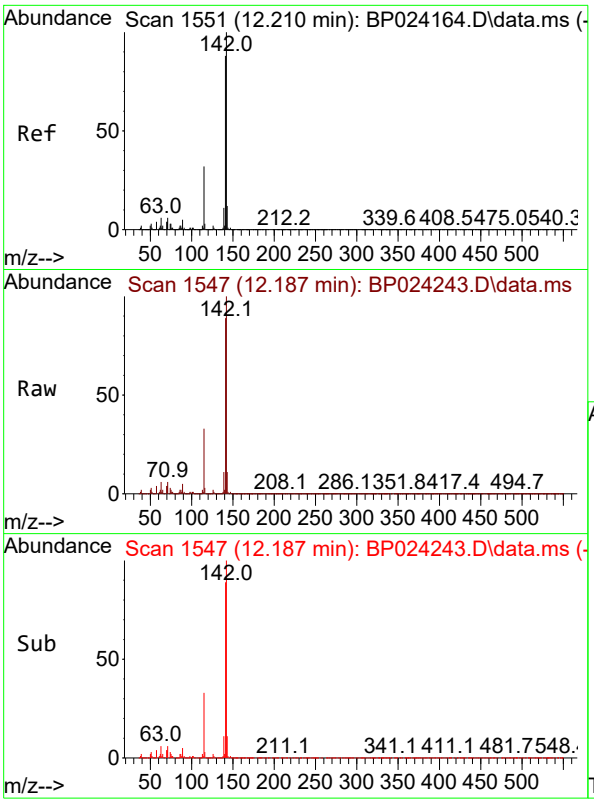


#36
4-Chloro-3-methylphenol
Concen: 46.027 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:107 Resp: 842270

Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.6	32.4
142	81.9	65.4	98.0



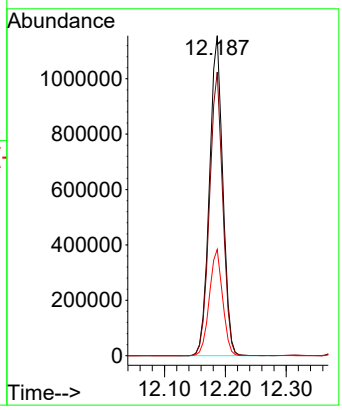


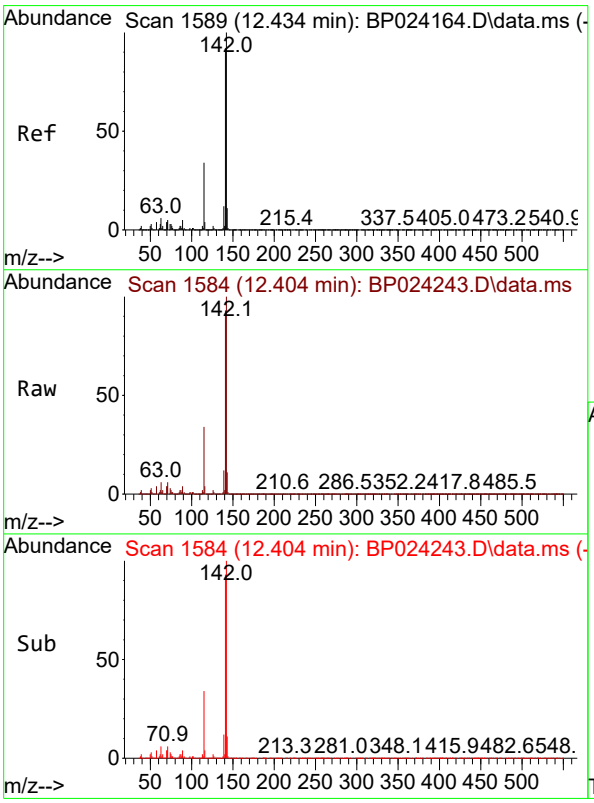
#37
2-Methylnaphthalene
Concen: 42.040 ng
RT: 12.187 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 1757855

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	33.2	26.0	39.0

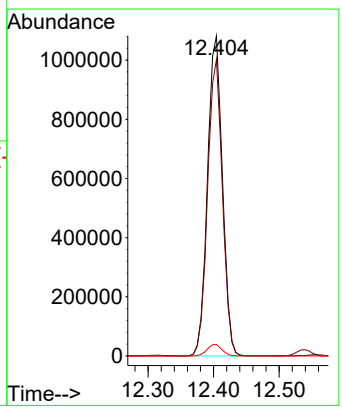


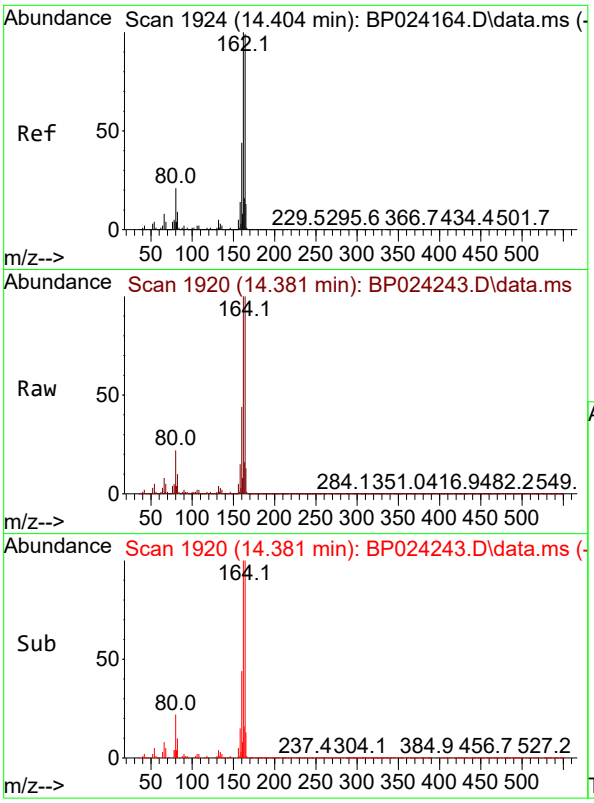


#38
1-Methylnaphthalene
Concen: 42.070 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:142 Resp: 1710995

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.9	110.9
116	3.6	2.8	4.2



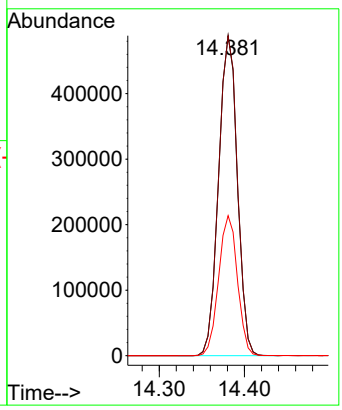


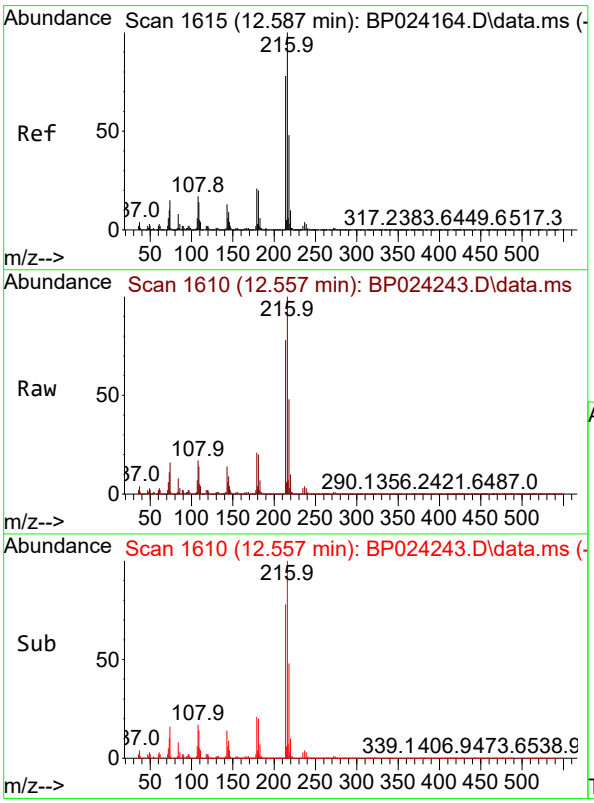
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 745990

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	43.8	35.4	53.2

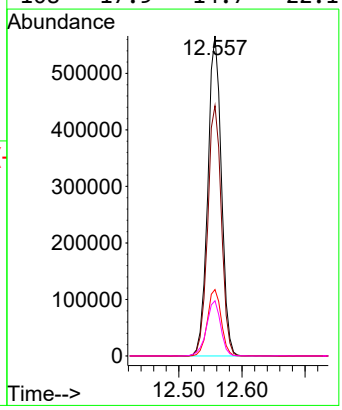


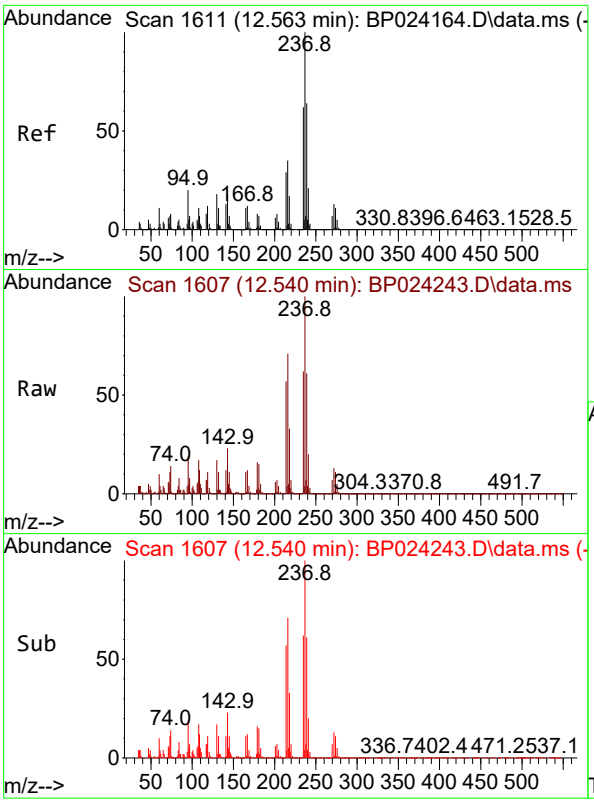


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.230 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:216 Resp: 845975

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	21.1	16.8	25.2
108	17.9	14.7	22.1



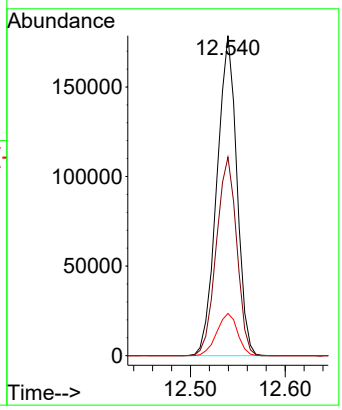


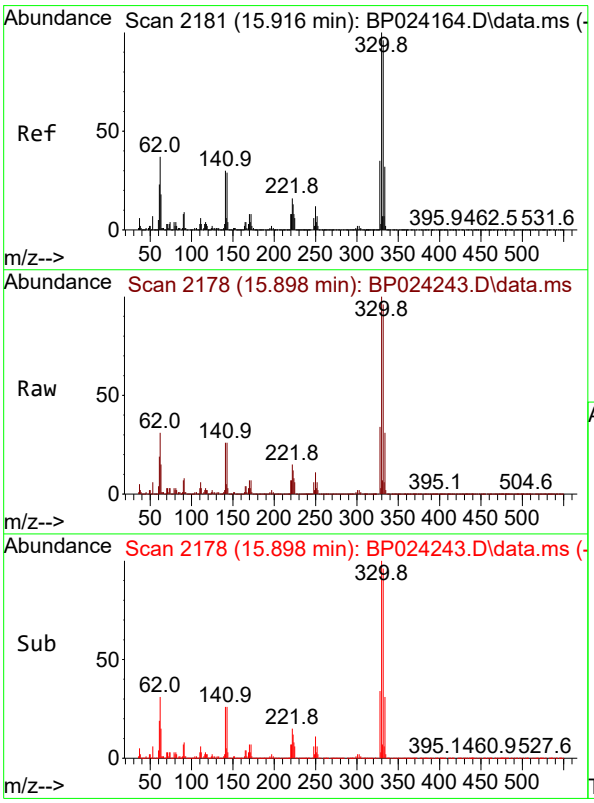
#41
Hexachlorocyclopentadiene
Concen: 33.703 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 261977

Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.8	81.8
272	13.2	0.0	33.5

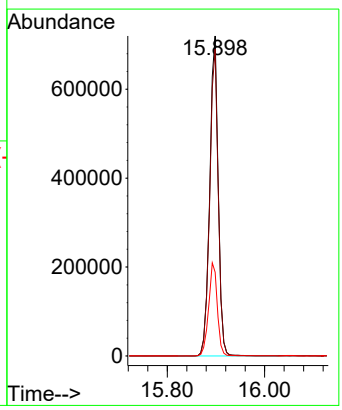


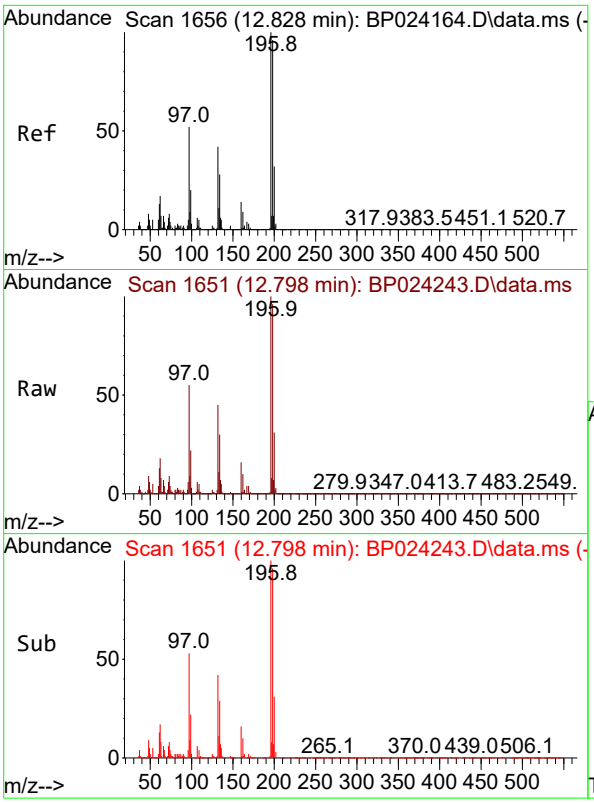


#42
2,4,6-Tribromophenol
Concen: 92.095 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:330 Resp: 865387

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	29.7	25.0	37.6



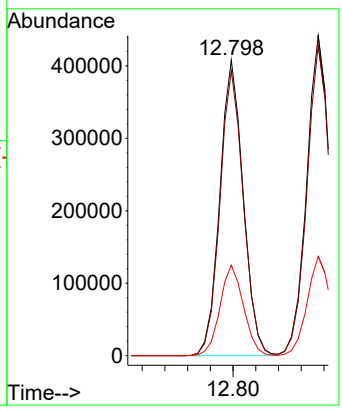


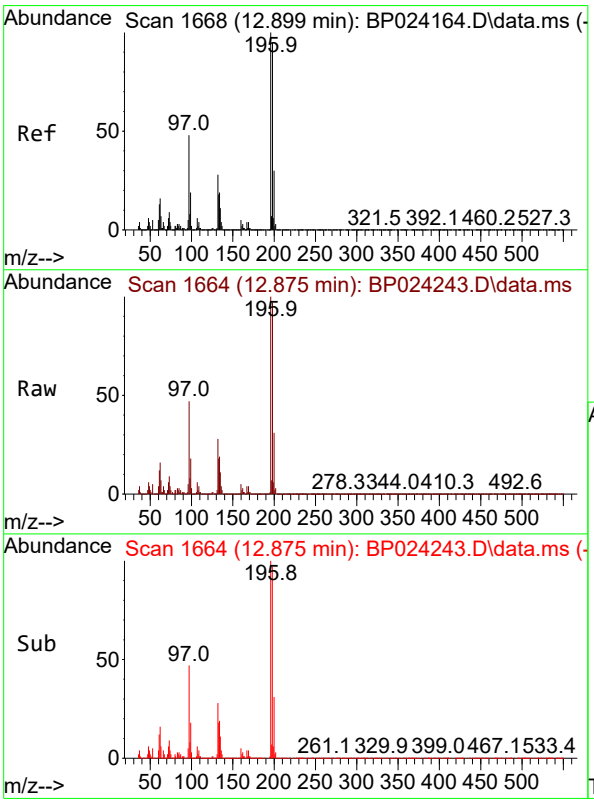
#43
2,4,6-Trichlorophenol
Concen: 42.642 ng
RT: 12.798 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 584393

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.6	115.0
200	30.7	25.4	38.0

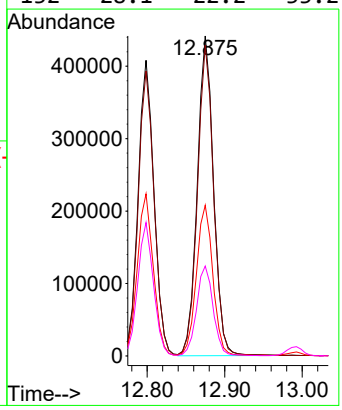


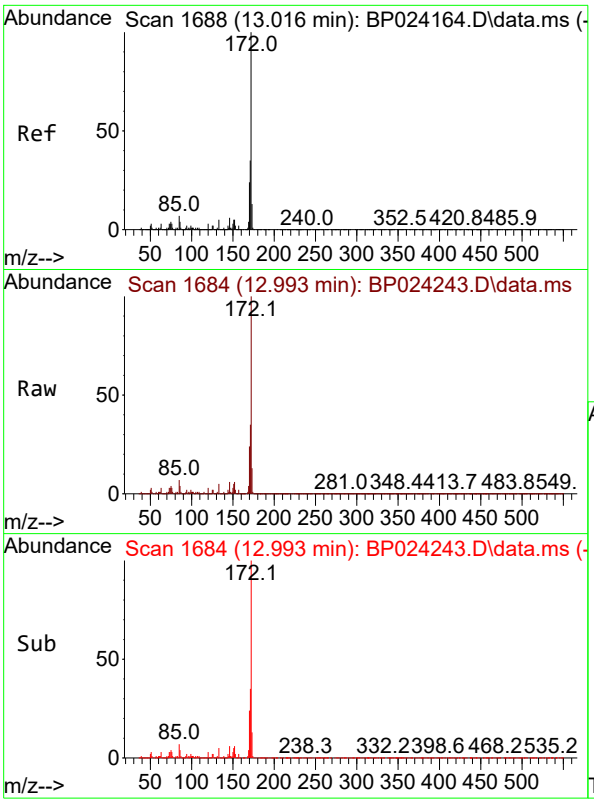


#44
2,4,5-Trichlorophenol
Concen: 42.864 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:196 Resp: 644222

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.5	114.7
97	47.1	38.7	58.1
132	28.1	22.2	33.2



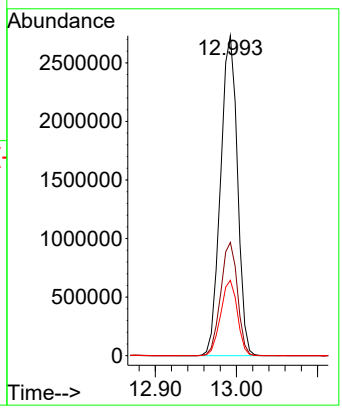


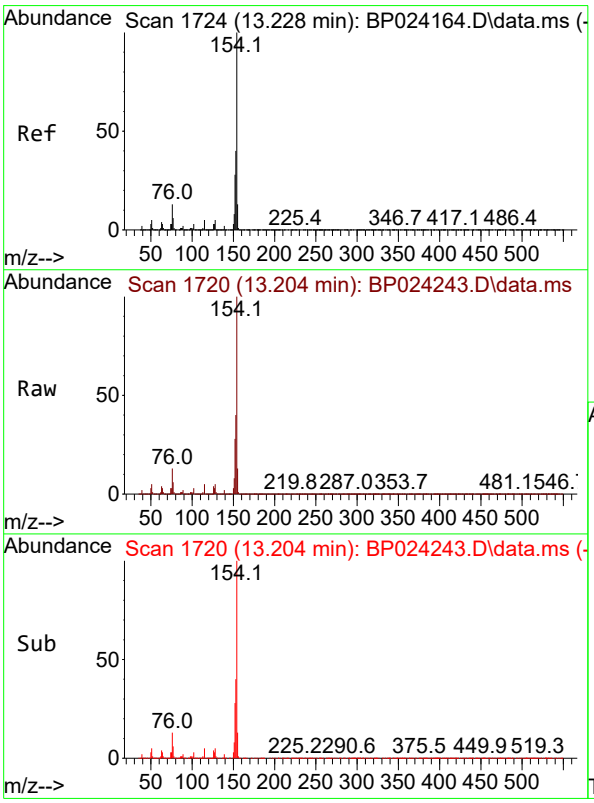
#45
2-Fluorobiphenyl
Concen: 78.208 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 3956663

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	19.0	28.4

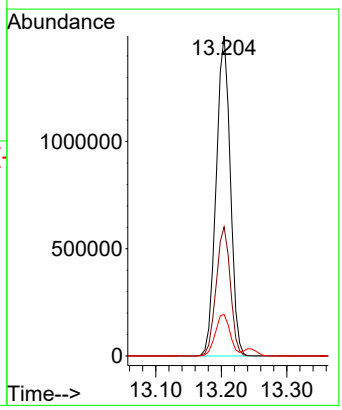


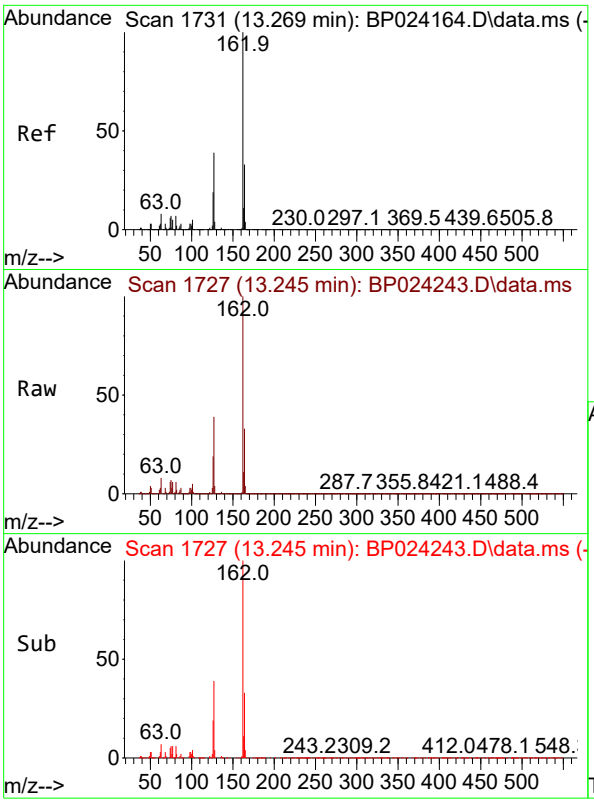


#46
1,1'-Biphenyl
Concen: 39.741 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:154 Resp: 2227781

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	13.0	0.0	32.9



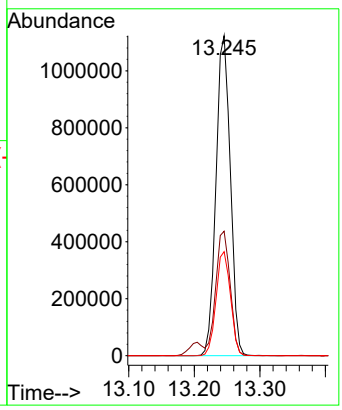


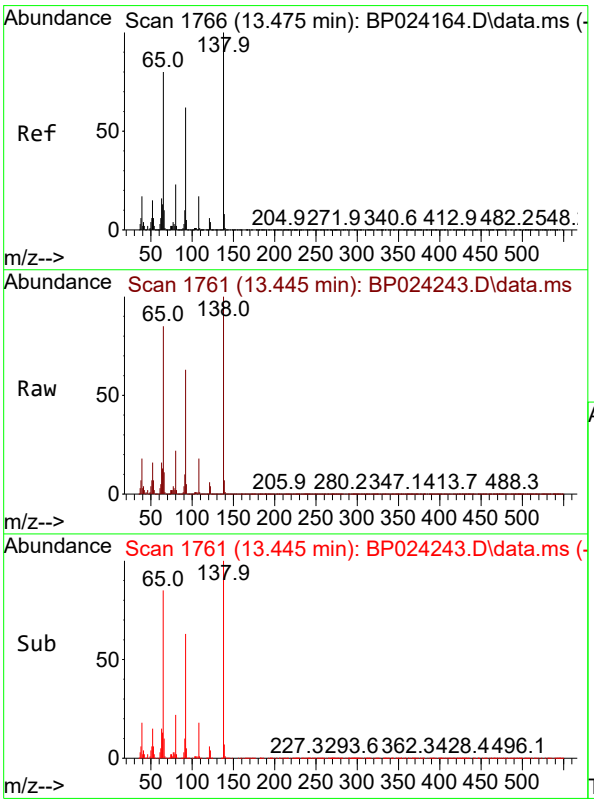
#47
2-Chloronaphthalene
Concen: 40.239 ng
RT: 13.245 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 1696678

Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.5	47.3
164	32.5	26.6	39.8

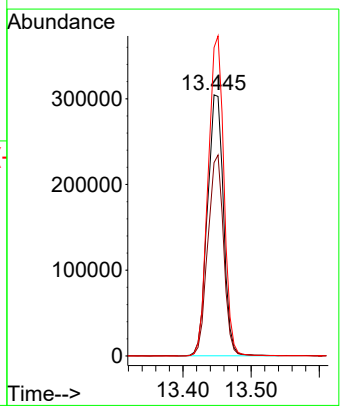


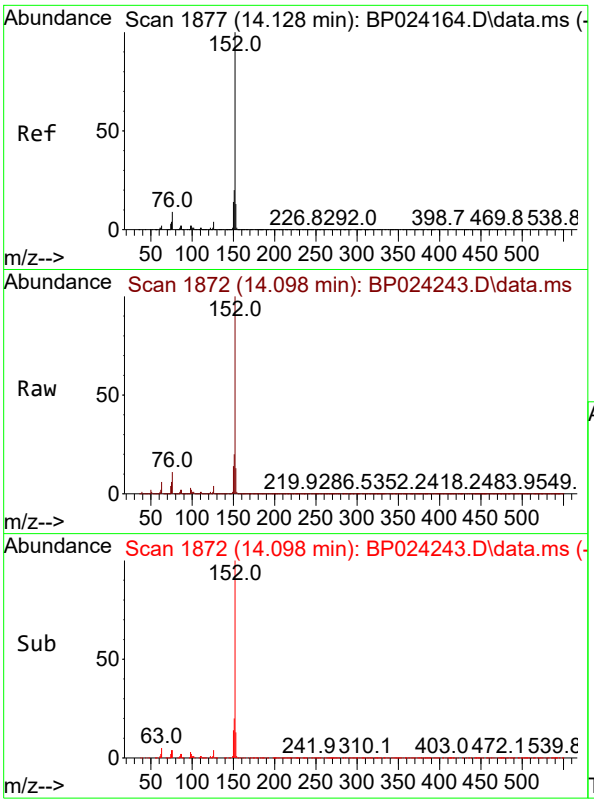


#48
2-Nitroaniline
Concen: 46.151 ng
RT: 13.445 min Scan# 1761
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion: 65 Resp: 497715

Ion	Ratio	Lower	Upper
65	100		
92	74.0	62.1	93.1
138	118.0	99.5	149.3



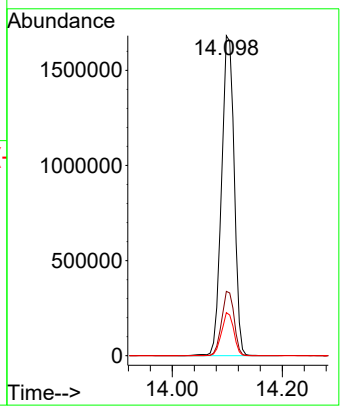


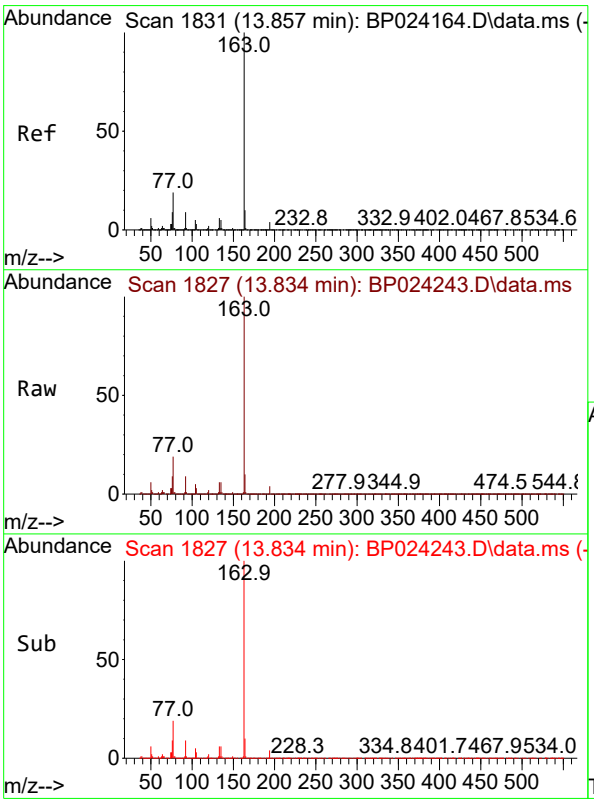
#49
Acenaphthylene
Concen: 42.011 ng
RT: 14.098 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 2680313

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.4	10.6	15.8

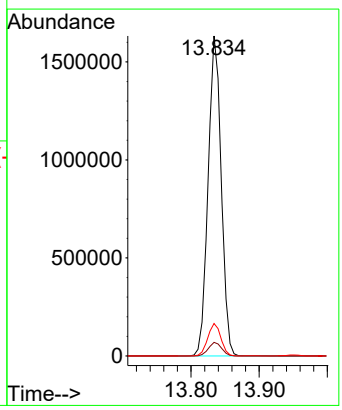


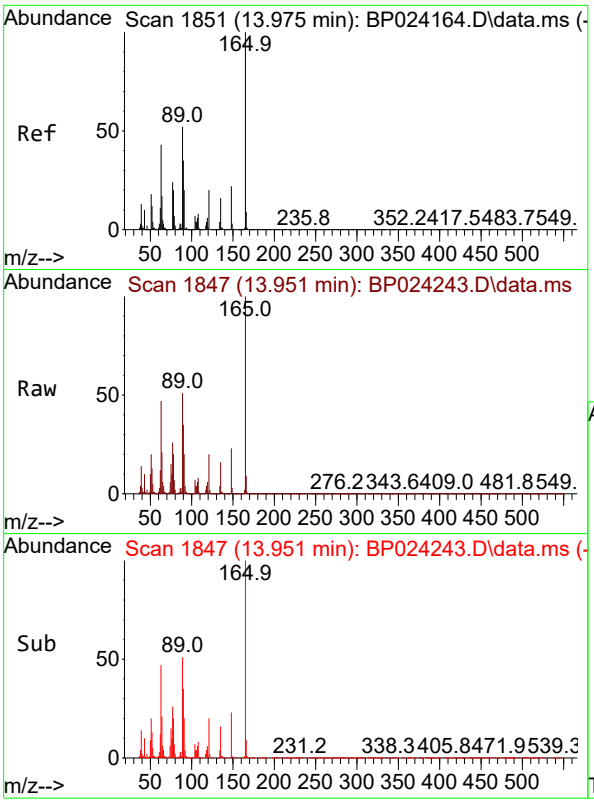


#50
Dimethylphthalate
Concen: 41.867 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:163 Resp: 2185393

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.4



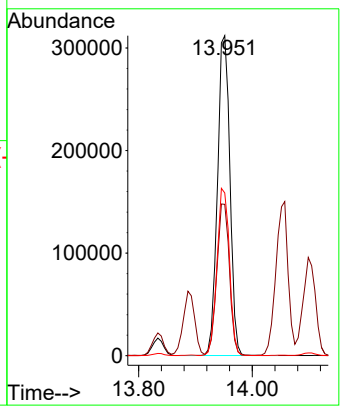


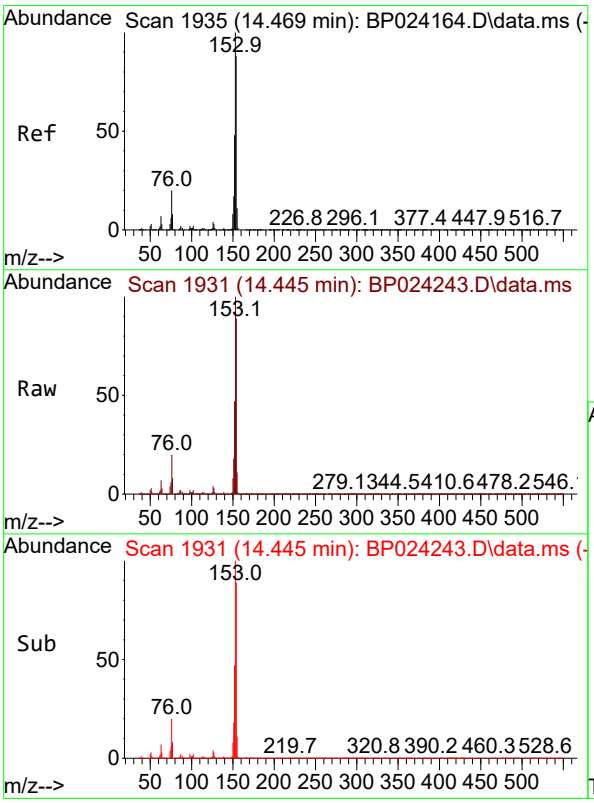
#51
2,6-Dinitrotoluene
Concen: 43.205 ng
RT: 13.951 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 474506

Ion	Ratio	Lower	Upper
165	100		
63	47.3	37.7	56.5
89	50.9	41.9	62.9

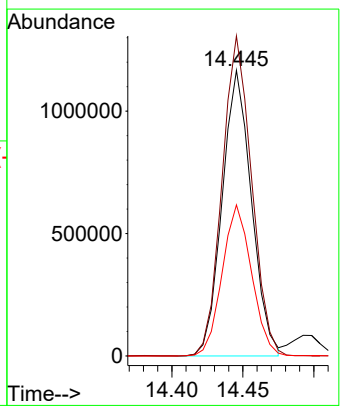


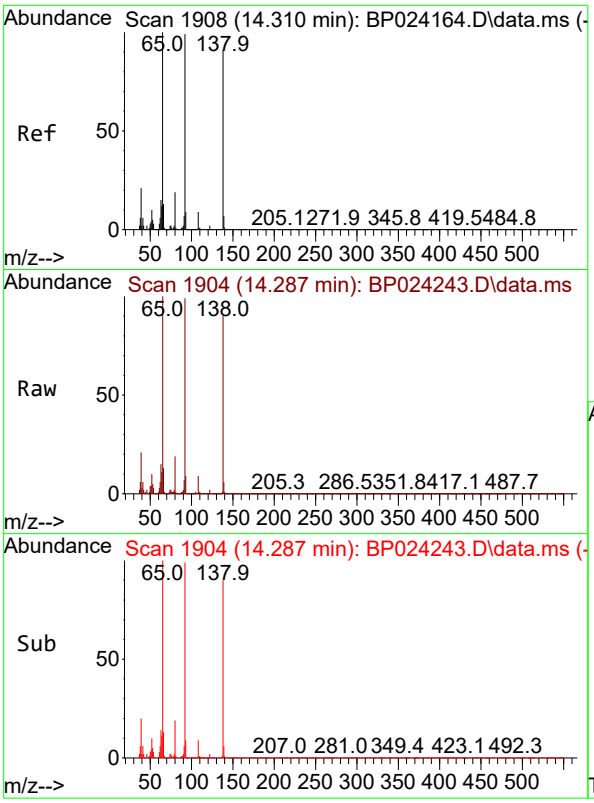


#52
Acenaphthene
Concen: 41.025 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:154 Resp: 1672351

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	52.9	43.1	64.7



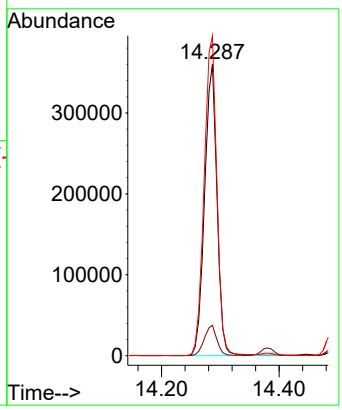


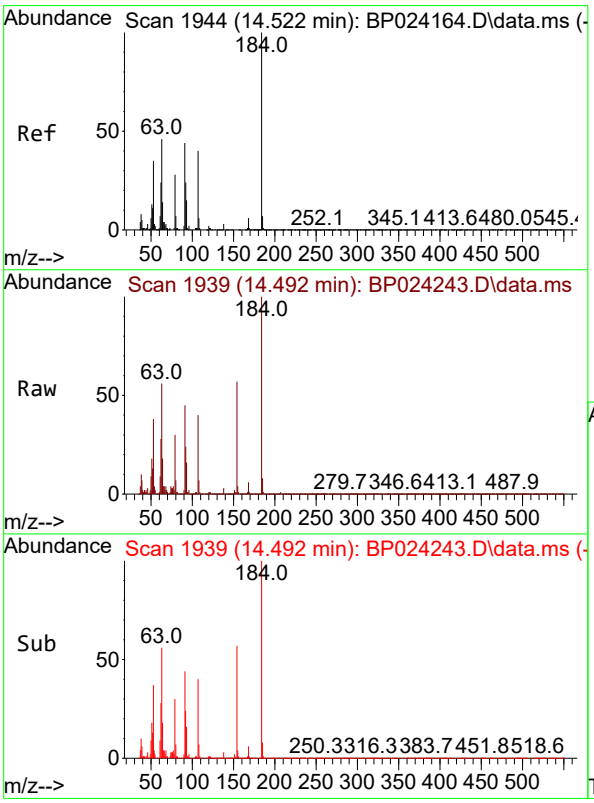
#53
3-Nitroaniline
Concen: 44.583 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 528847

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.2
92	109.7	86.7	130.1

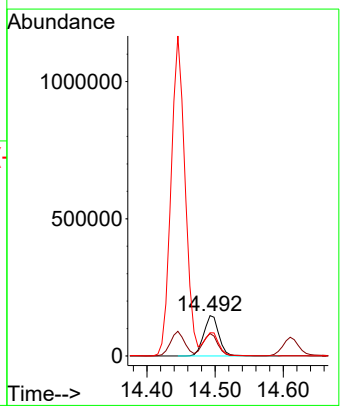


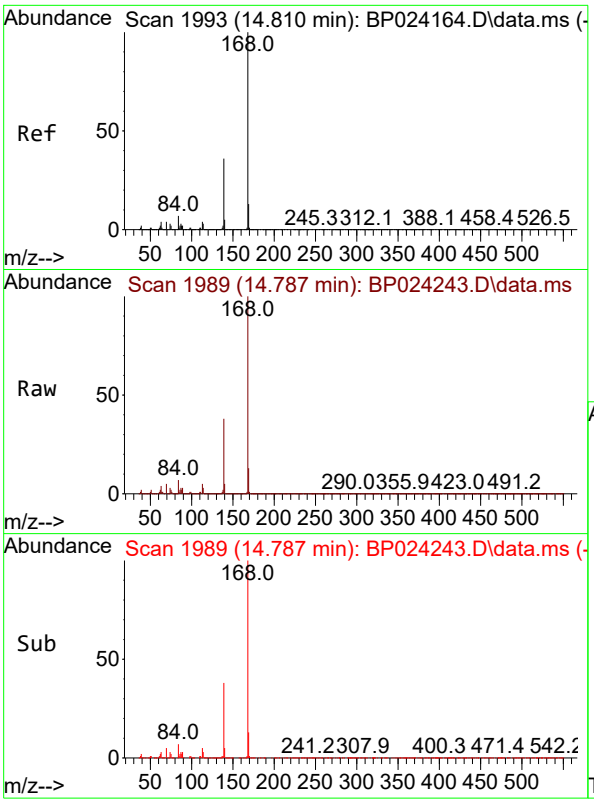


#54
2,4-Dinitrophenol
Concen: 39.089 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.030 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:184 Resp: 227159

Ion	Ratio	Lower	Upper
184	100		
63	55.7	42.1	63.1
154	57.4	44.6	67.0



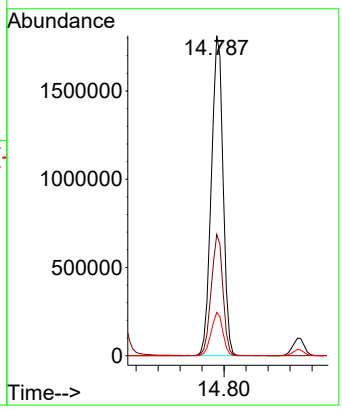


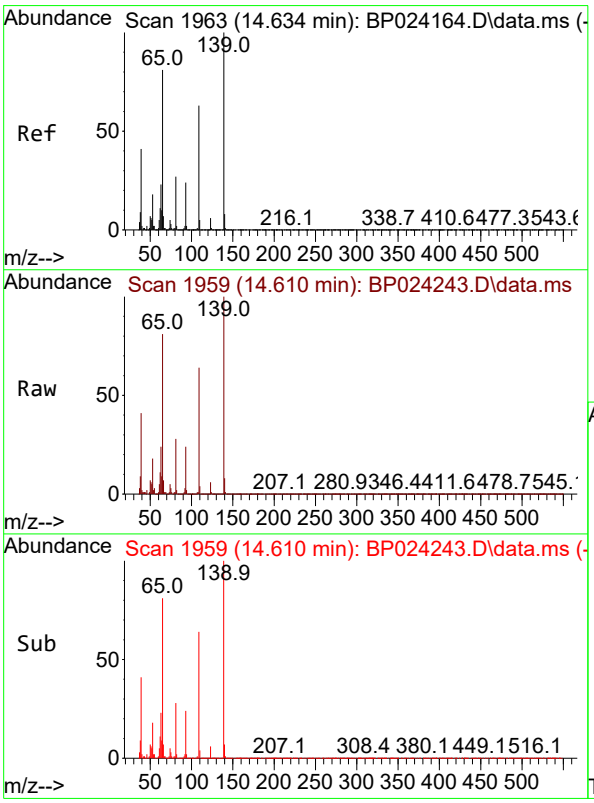
#55
Dibenzofuran
Concen: 40.673 ng
RT: 14.787 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 2685626

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.1	43.7
169	13.5	10.8	16.2

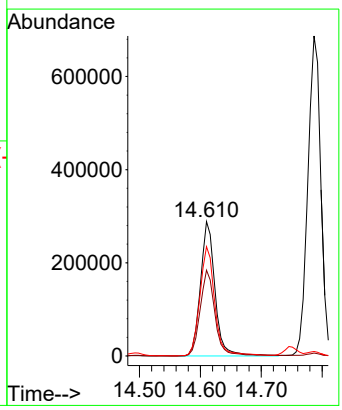


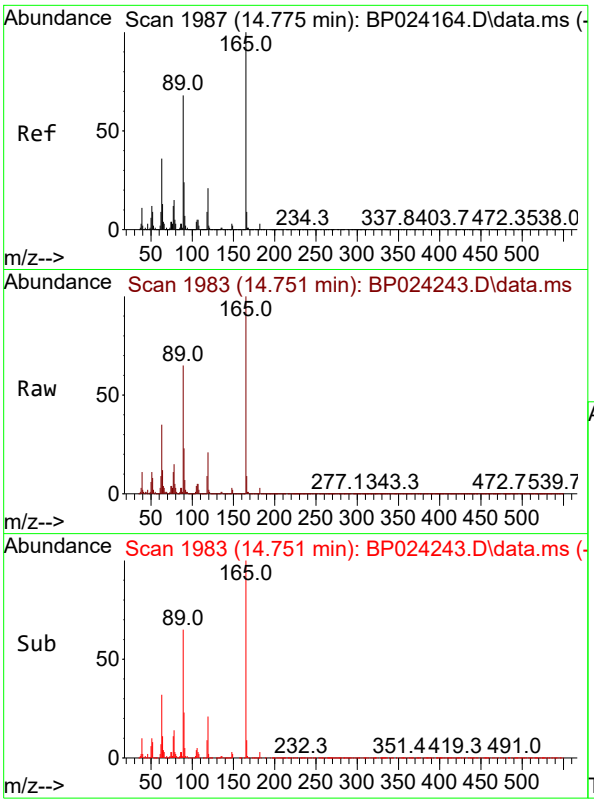


#56
4-Nitrophenol
Concen: 48.367 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:139 Resp: 479403

Ion	Ratio	Lower	Upper
139	100		
109	63.8	43.3	83.3
65	81.2	61.2	101.2



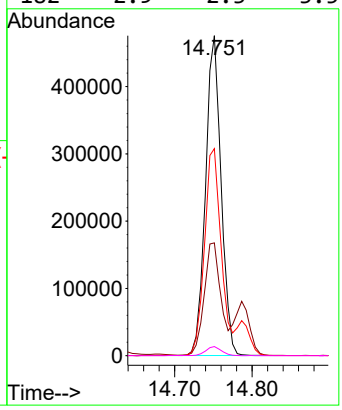


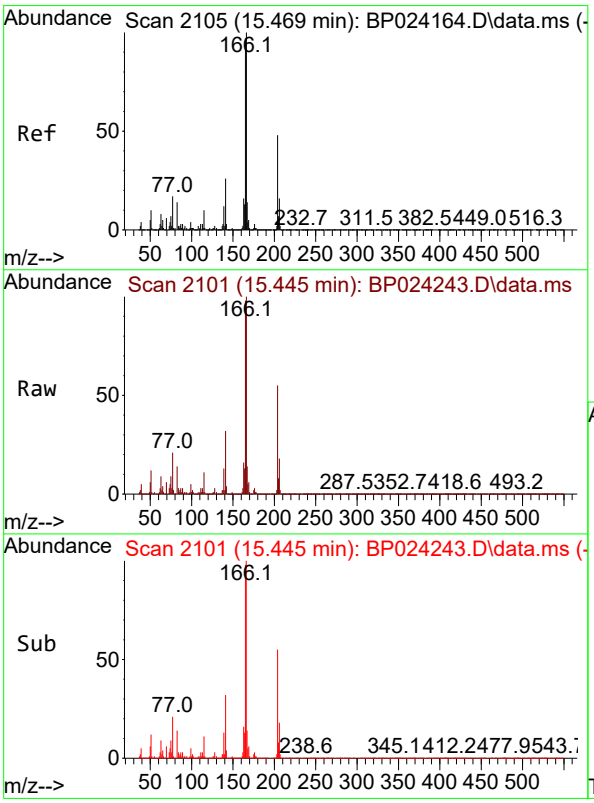
#57
2,4-Dinitrotoluene
Concen: 45.693 ng
RT: 14.751 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 662877

Ion	Ratio	Lower	Upper
165	100		
63	35.2	29.0	43.6
89	64.7	54.2	81.4
182	2.9	2.3	3.5

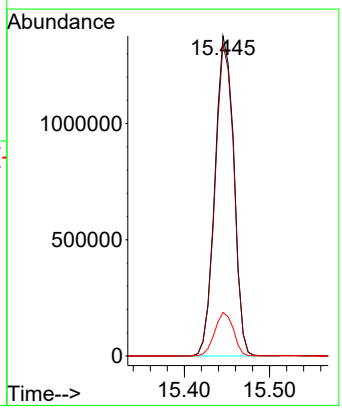


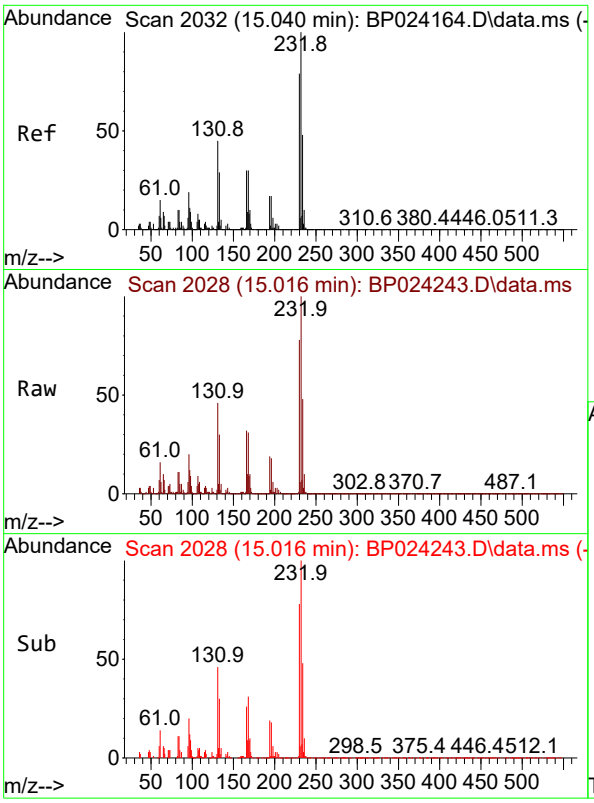


#58
Fluorene
Concen: 41.301 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:166 Resp: 2124806

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.6	116.4
167	13.6	10.8	16.2



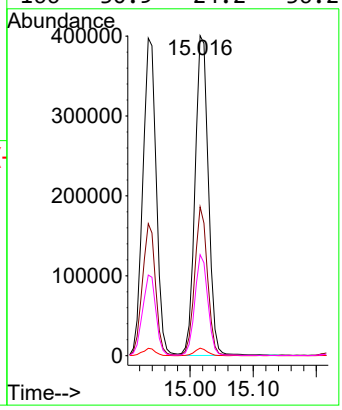


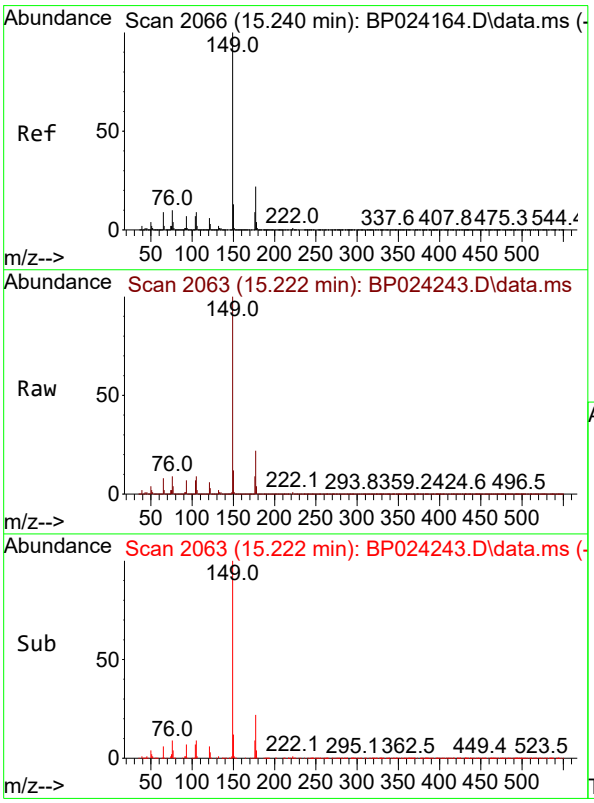
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.009 ng
RT: 15.016 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 584379

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.2	1.8	2.6
166	30.9	24.2	36.2

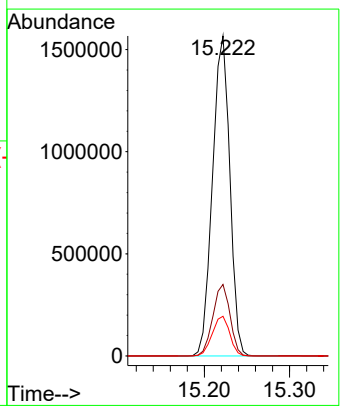


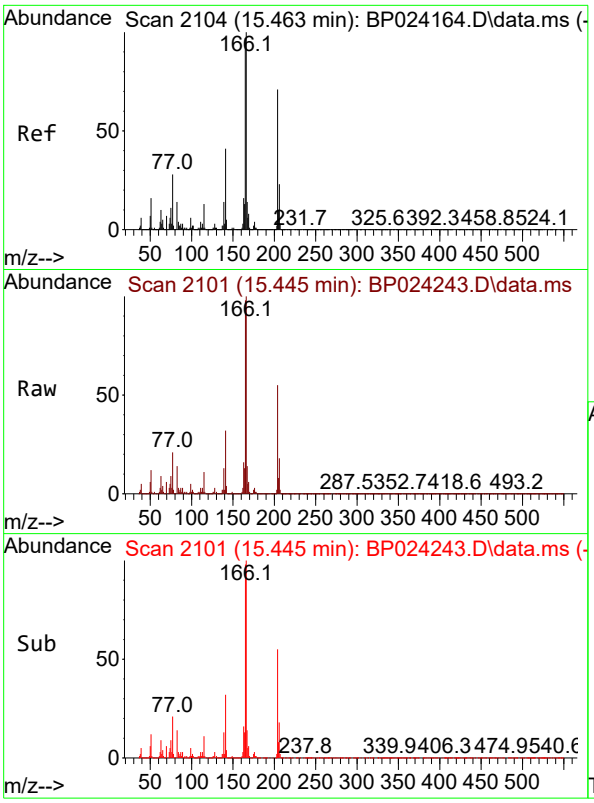


#60
Diethylphthalate
Concen: 42.507 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:149 Resp: 2209545

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.4	10.2	15.4



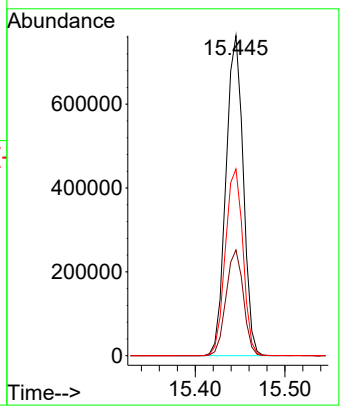


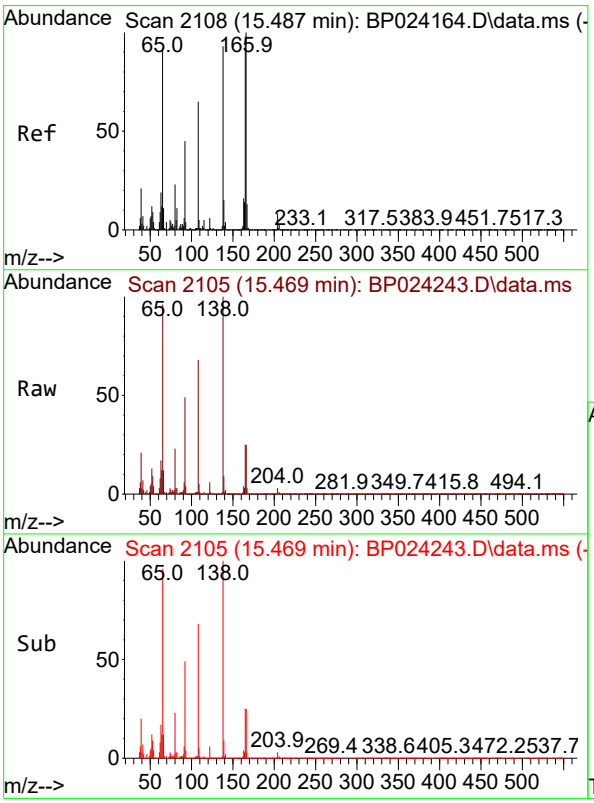
#61
4-Chlorophenyl-phenylether
Concen: 40.466 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 1021081

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	58.3	45.8	68.8

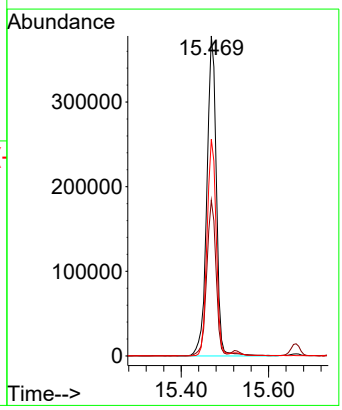


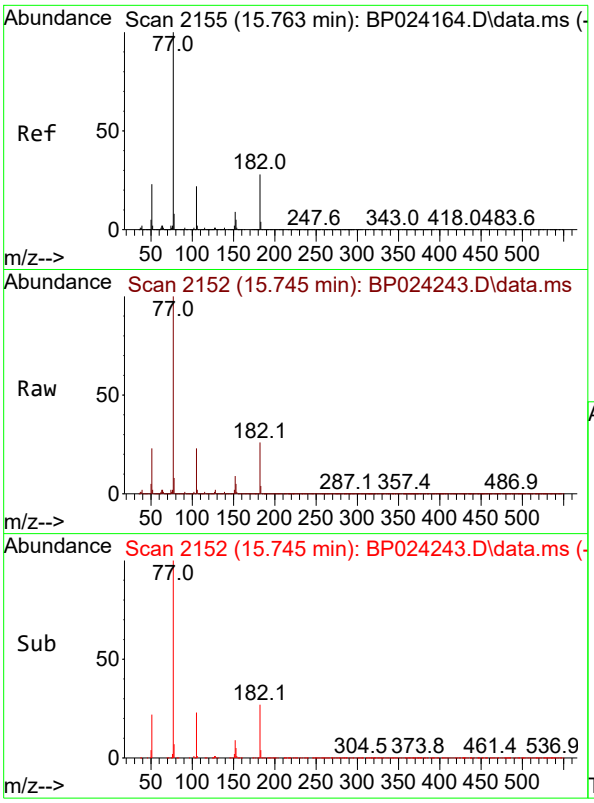


#62
4-Nitroaniline
Concen: 46.082 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:138 Resp: 573319

Ion	Ratio	Lower	Upper
138	100		
92	48.7	28.7	68.7
108	67.7	49.5	89.5



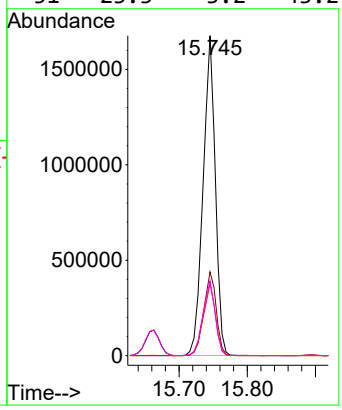


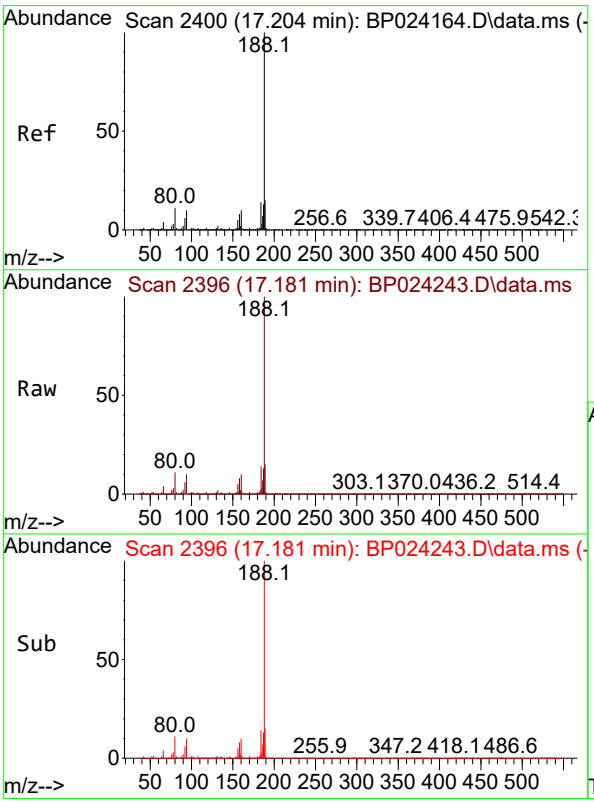
#63
Azobenzene
Concen: 42.713 ng
RT: 15.745 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 2092657

Ion	Ratio	Lower	Upper
77	100		
182	26.2	7.7	47.7
105	22.6	2.3	42.3
51	23.3	3.2	43.2

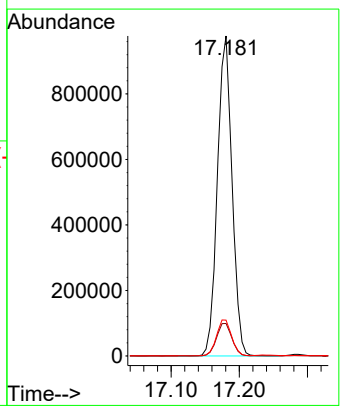


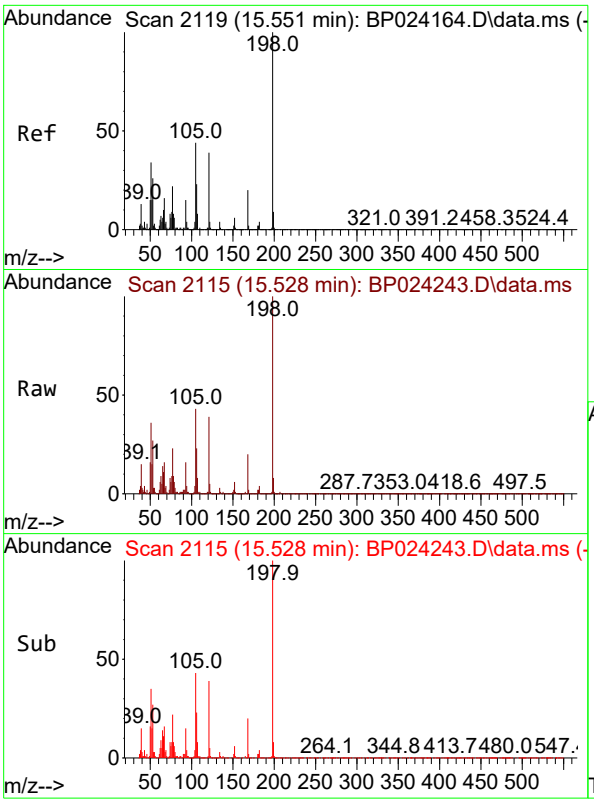


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:188 Resp: 1461391

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.2	8.9	13.3



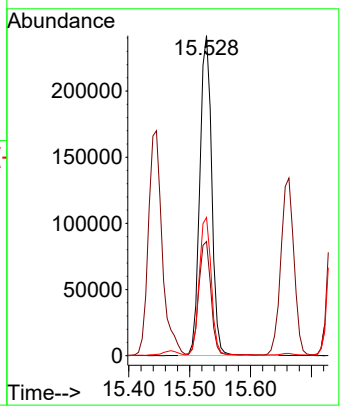


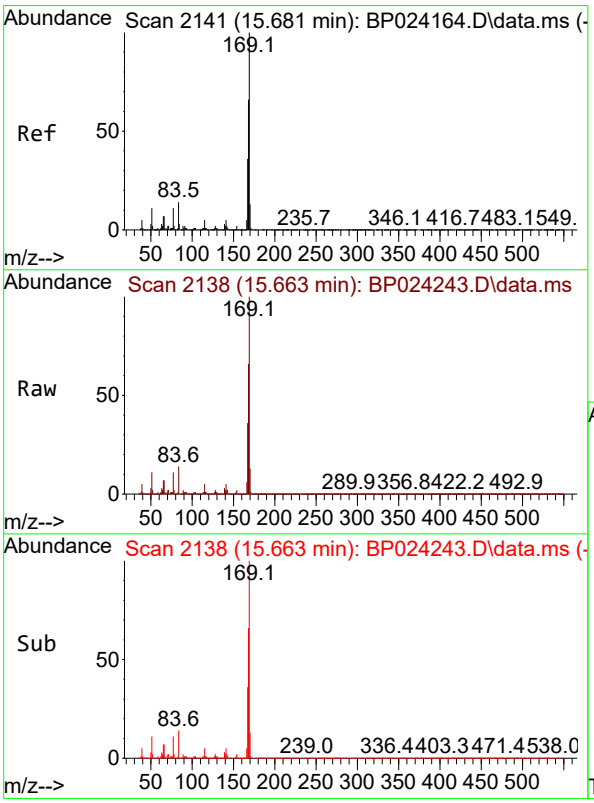
#65
4,6-Dinitro-2-methylphenol
Concen: 37.697 ng
RT: 15.528 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 327048

Ion	Ratio	Lower	Upper
198	100		
51	35.7	14.7	54.7
105	43.2	23.8	63.8

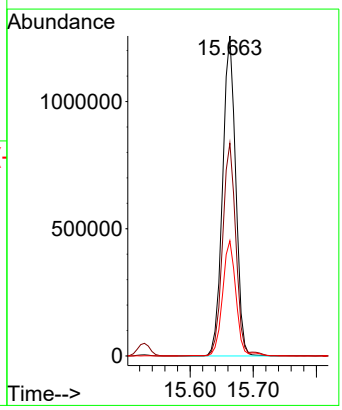


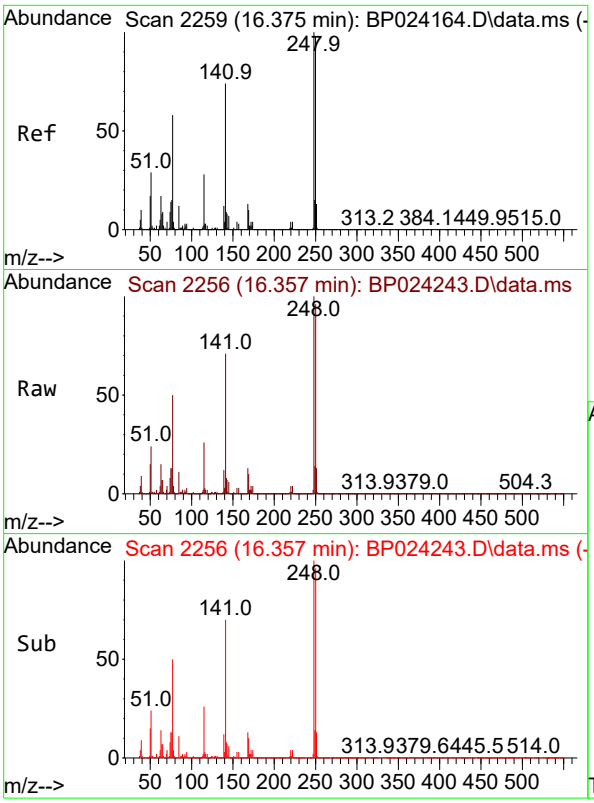


#66
n-Nitrosodiphenylamine
Concen: 40.878 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:169 Resp: 1814075

Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.9	79.3
167	36.0	28.8	43.2



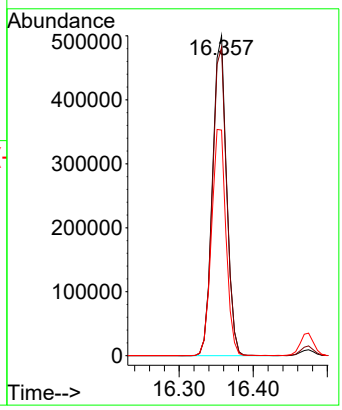


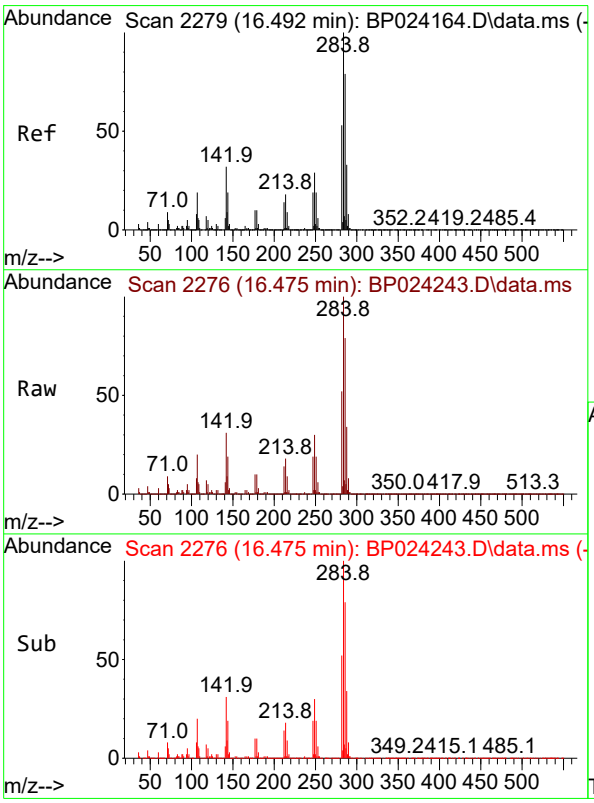
#67
4-Bromophenyl-phenylether
Concen: 40.979 ng
RT: 16.357 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 657498

Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.4	117.6
141	70.5	59.4	89.0

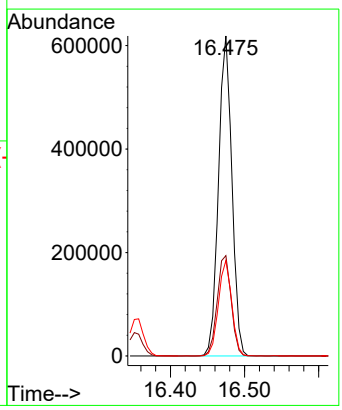


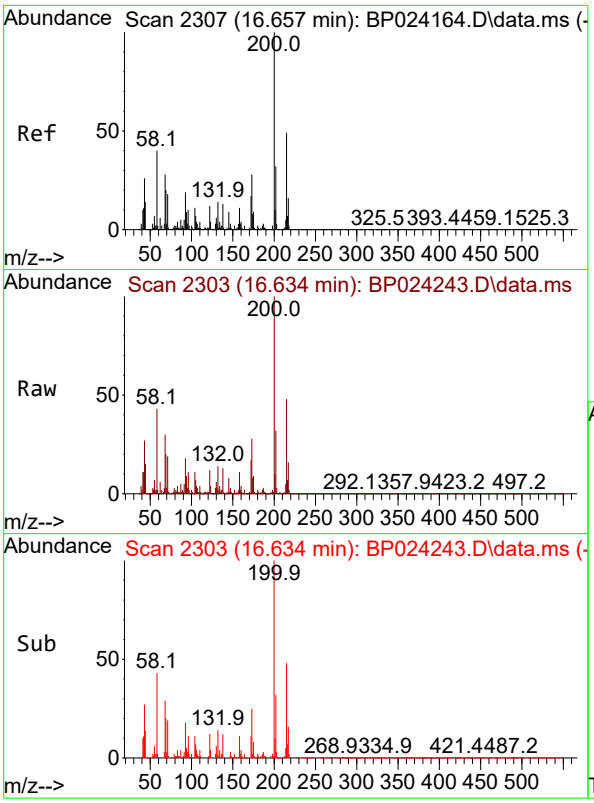


#68
Hexachlorobenzene
Concen: 40.888 ng
RT: 16.475 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:284 Resp: 776475

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.4	38.2
249	29.8	23.5	35.3



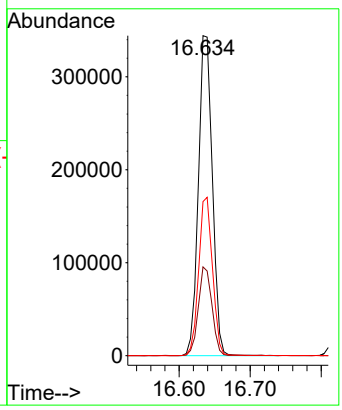


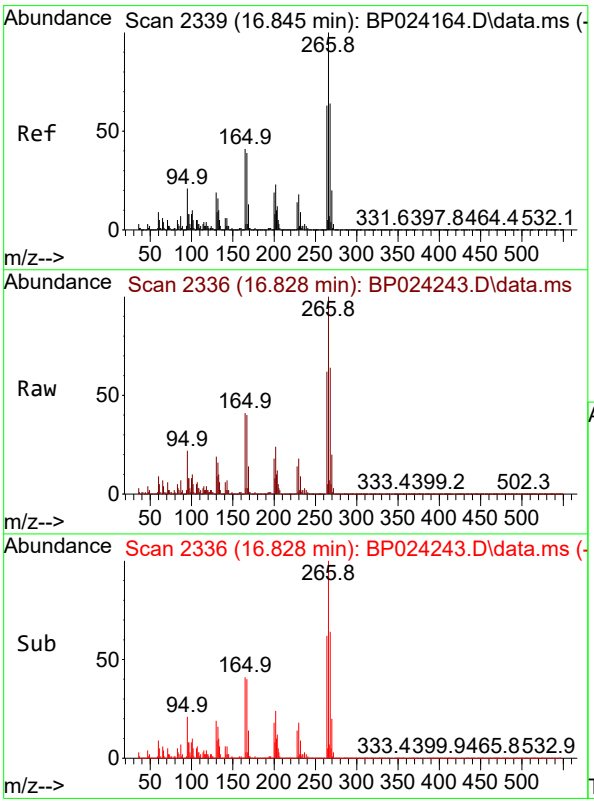
#69
Atrazine
Concen: 44.117 ng
RT: 16.634 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 472555

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.6	47.6
215	48.2	29.0	69.0

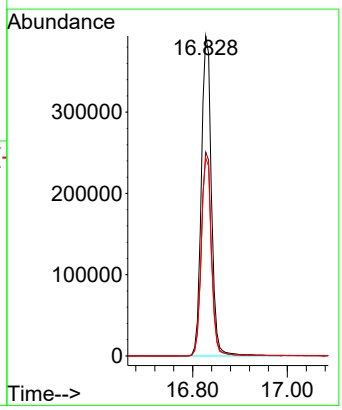


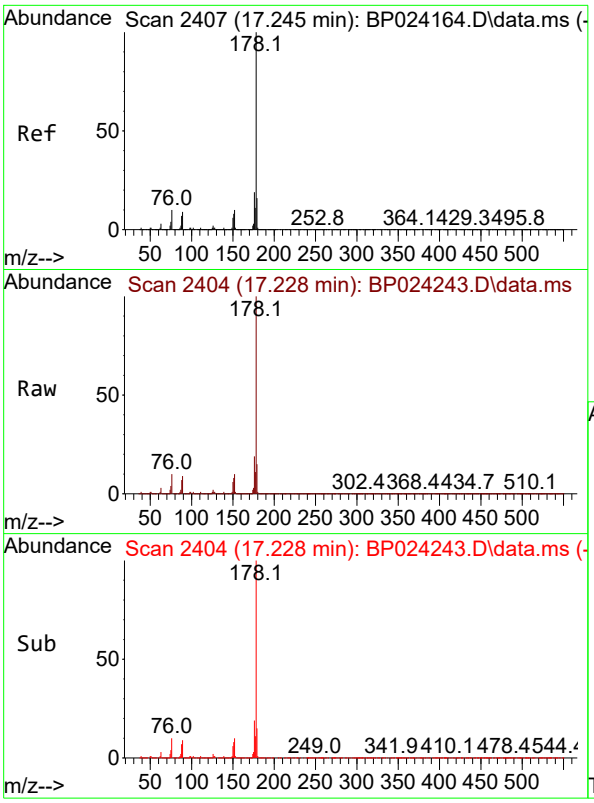


#70
Pentachlorophenol
Concen: 47.363 ng
RT: 16.828 min Scan# 2336
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:266 Resp: 581658

Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.3	76.9
264	61.9	50.6	76.0



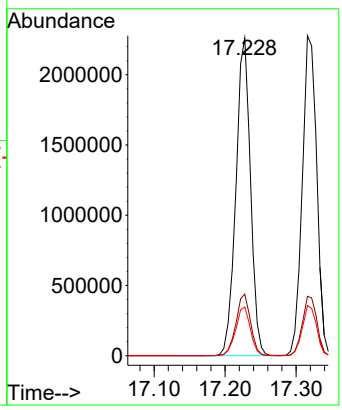


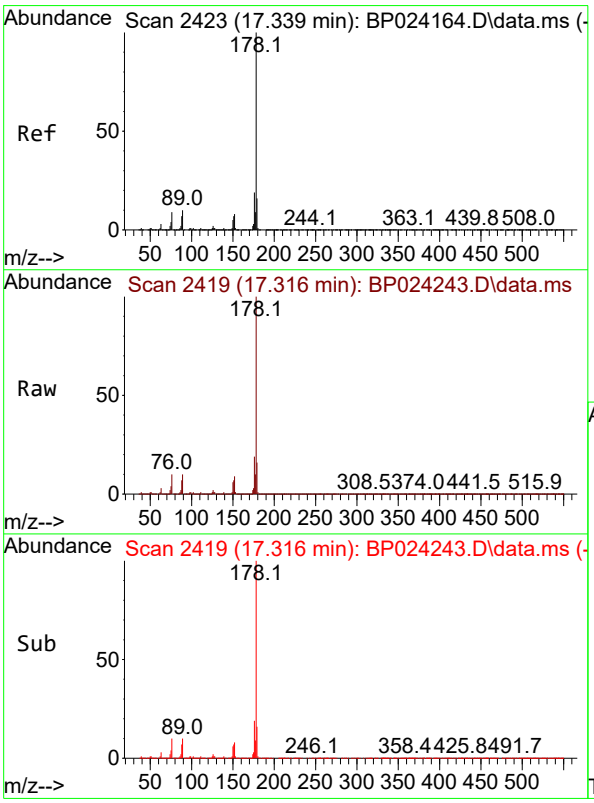
#71
Phenanthrene
Concen: 40.488 ng
RT: 17.228 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 3232332

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.4	12.5	18.7

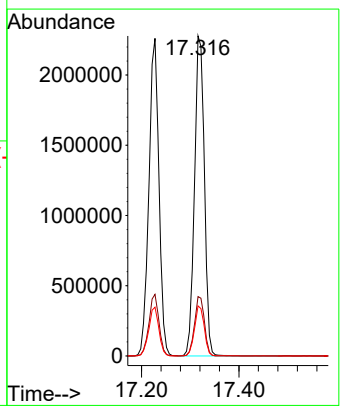


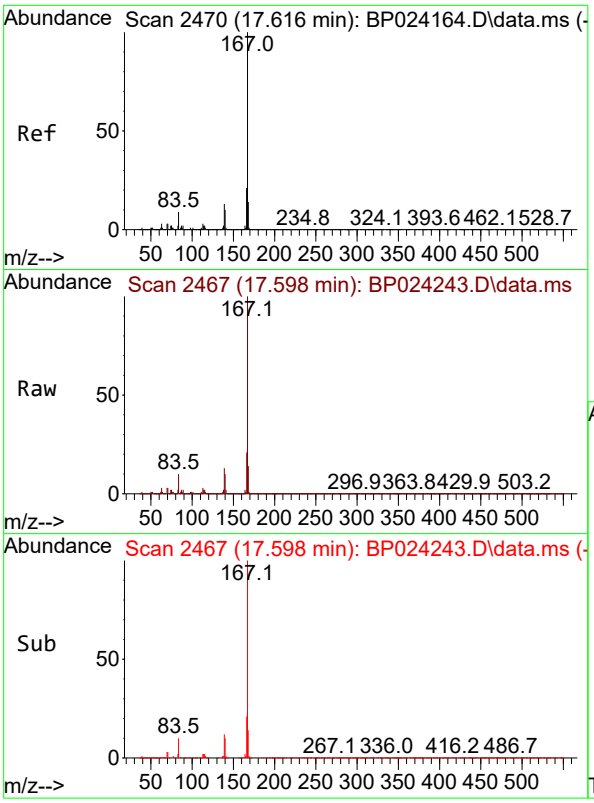


#72
Anthracene
Concen: 41.462 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:178 Resp: 3223966

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.6	12.6	18.8



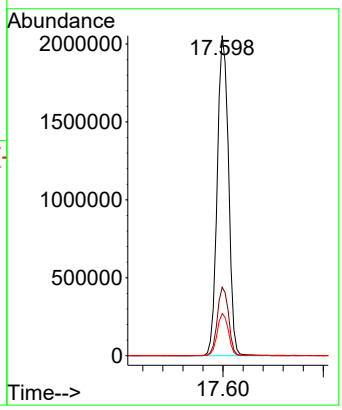


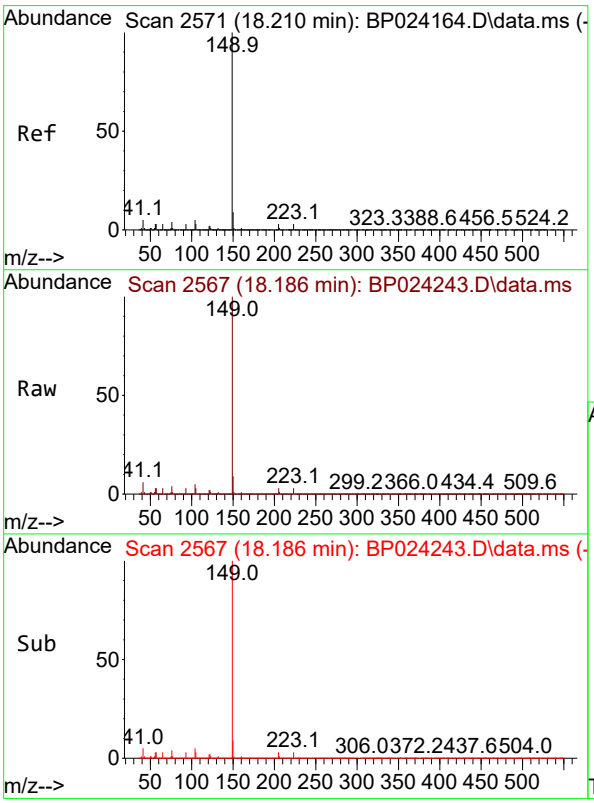
#73
Carbazole
Concen: 42.628 ng
RT: 17.598 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 3196479

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.1	10.2	15.4

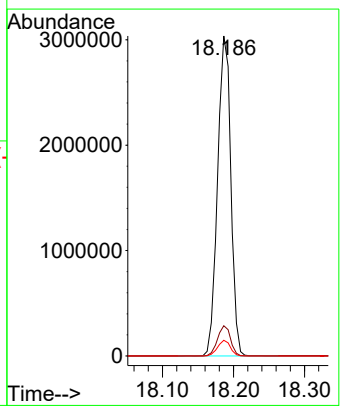


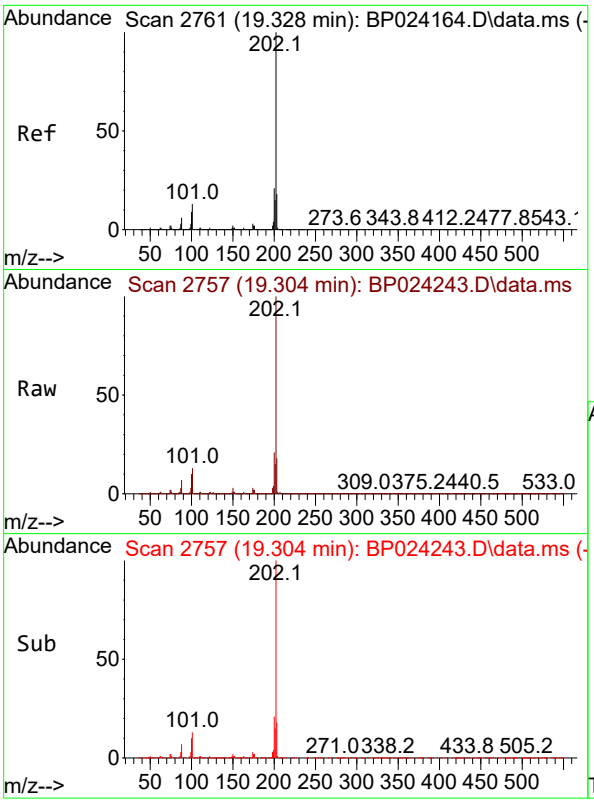


#74
Di-n-butylphthalate
Concen: 43.854 ng
RT: 18.186 min Scan# 2567
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:149 Resp: 3903701

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.9	3.9	5.9



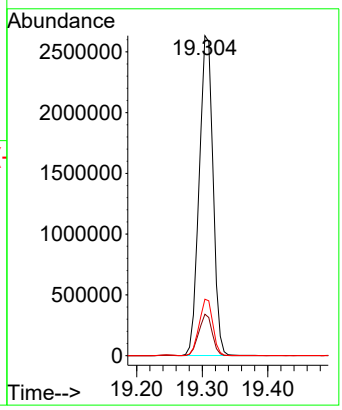


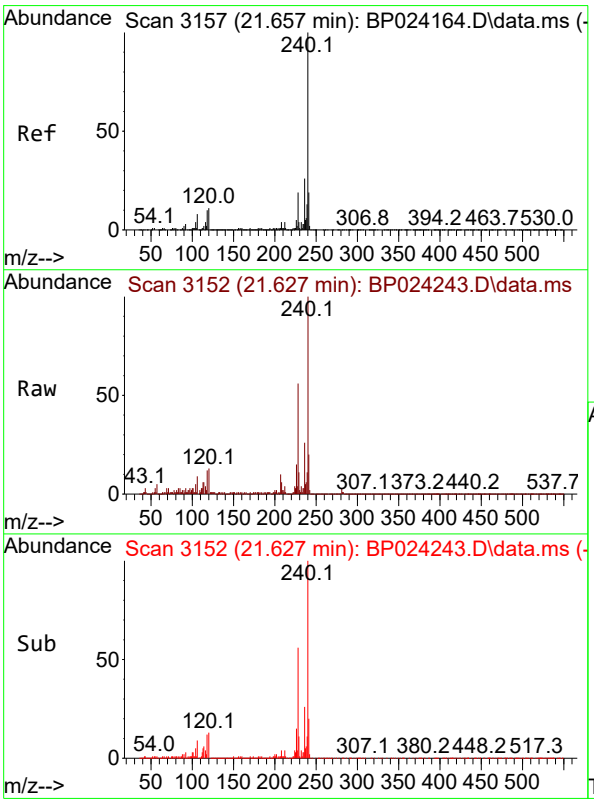
#75
Fluoranthene
Concen: 41.850 ng
RT: 19.304 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 3869566

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.5
203	17.6	0.0	37.9

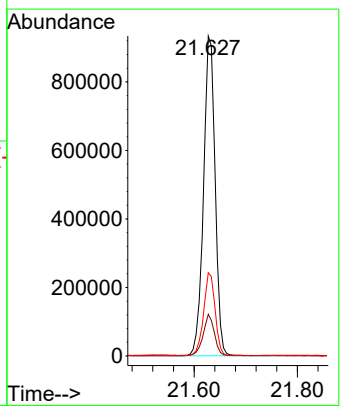


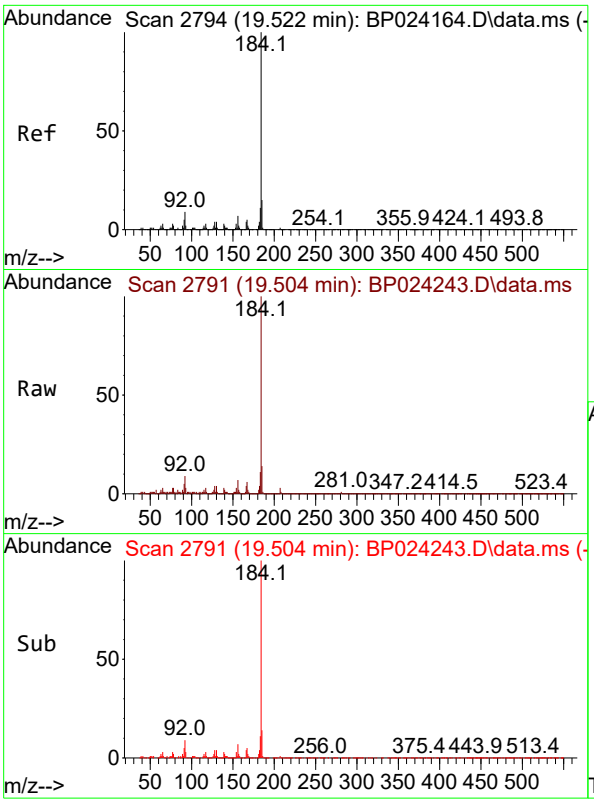


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:240 Resp: 1456577

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.2	13.8
236	26.0	20.4	30.6



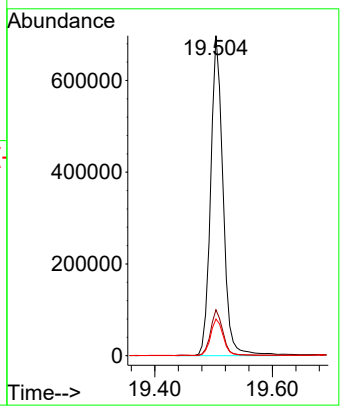


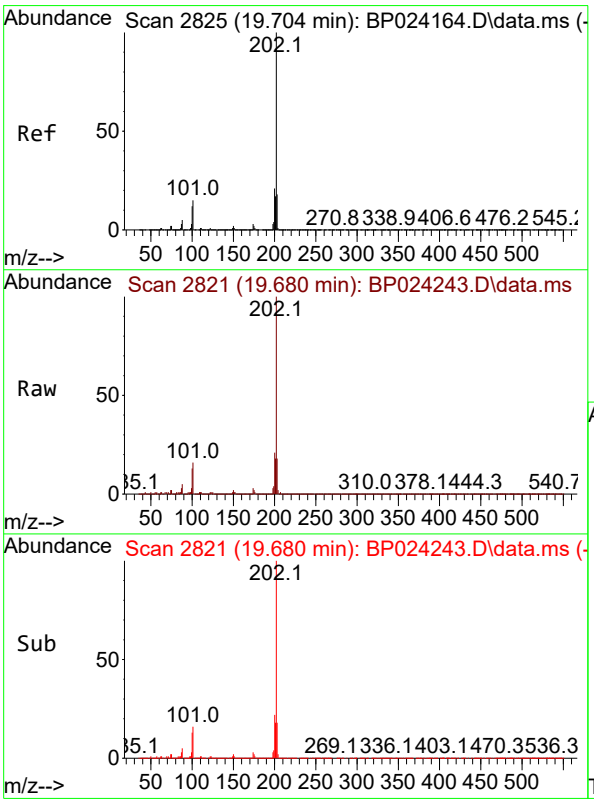
#77
Benzidine
Concen: 64.100 ng
RT: 19.504 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 1020809

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.6
183	11.5	9.1	13.7

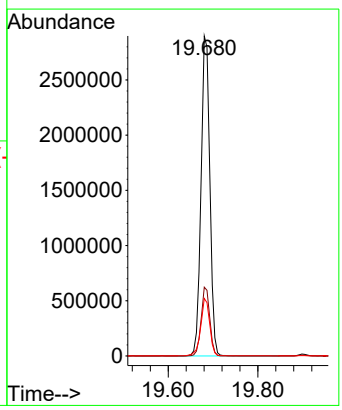


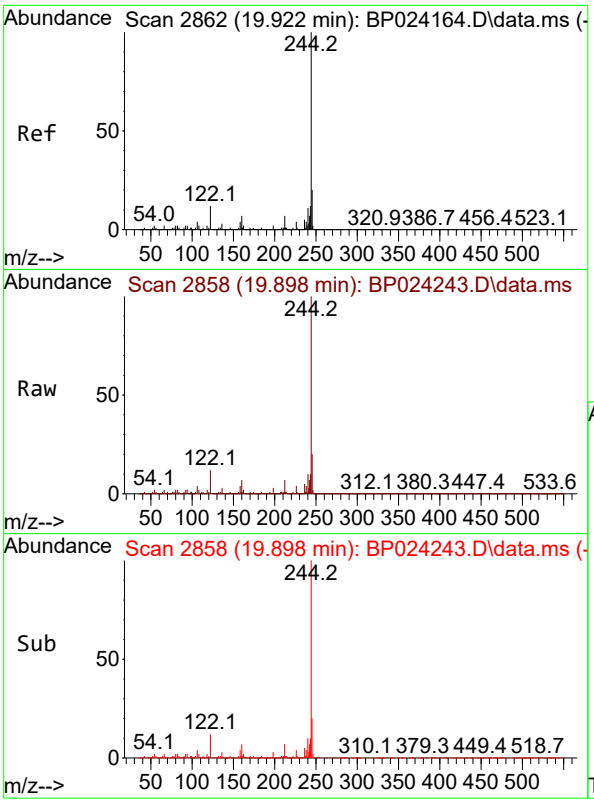


#78
Pyrene
Concen: 43.543 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:202 Resp: 3942980

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.0	14.2	21.4



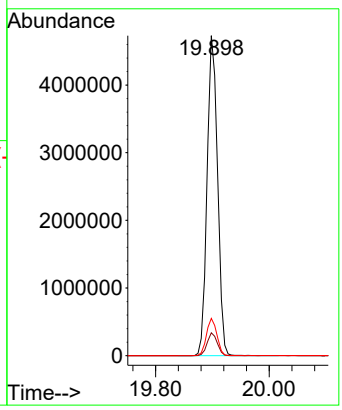


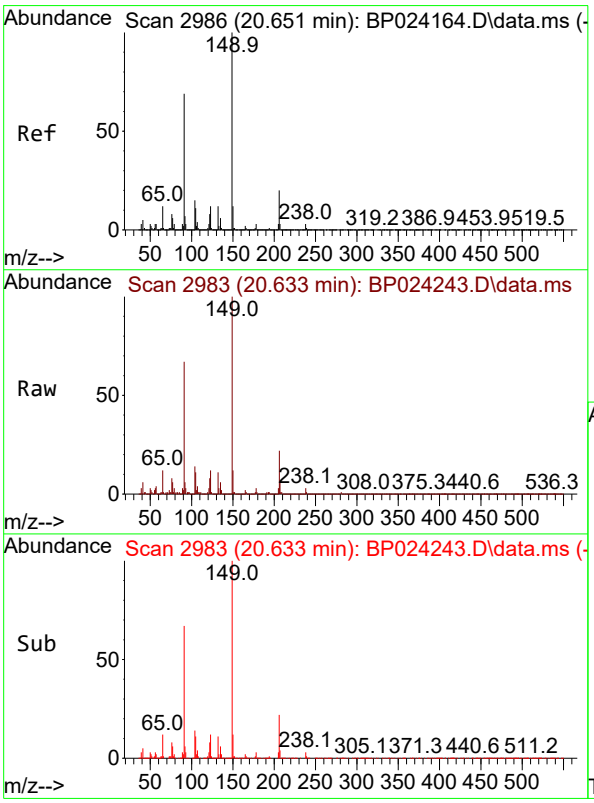
#79
Terphenyl-d14
Concen: 85.292 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 6018426

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.6	9.6	14.4

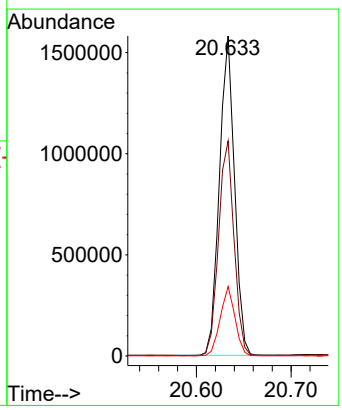


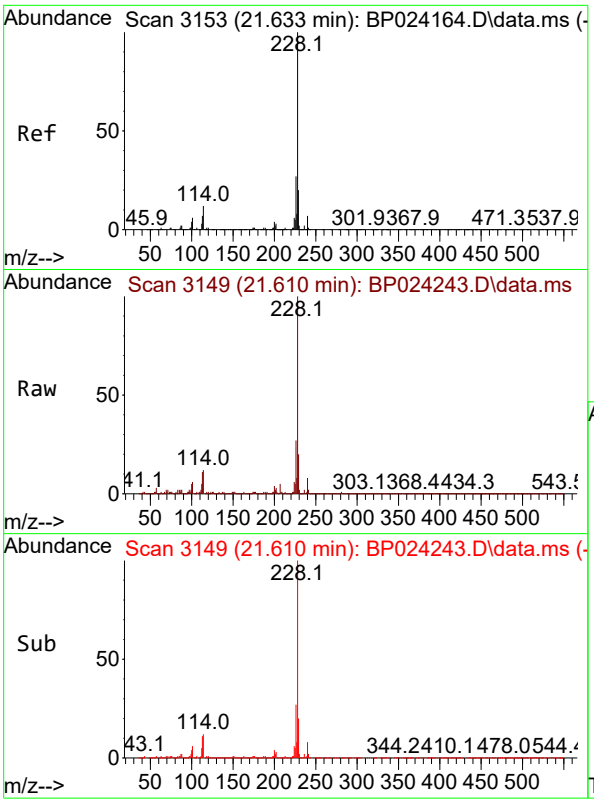


#80
Butylbenzylphthalate
Concen: 47.019 ng
RT: 20.633 min Scan# 2983
Delta R.T. -0.018 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:149 Resp: 1755848

Ion	Ratio	Lower	Upper
149	100		
91	67.2	55.3	82.9
206	21.7	16.1	24.1



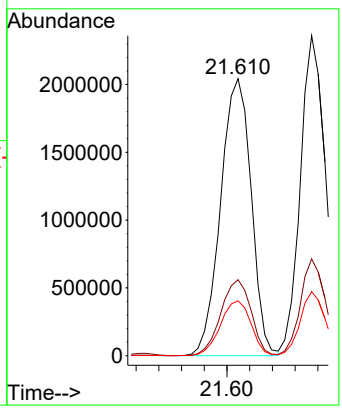


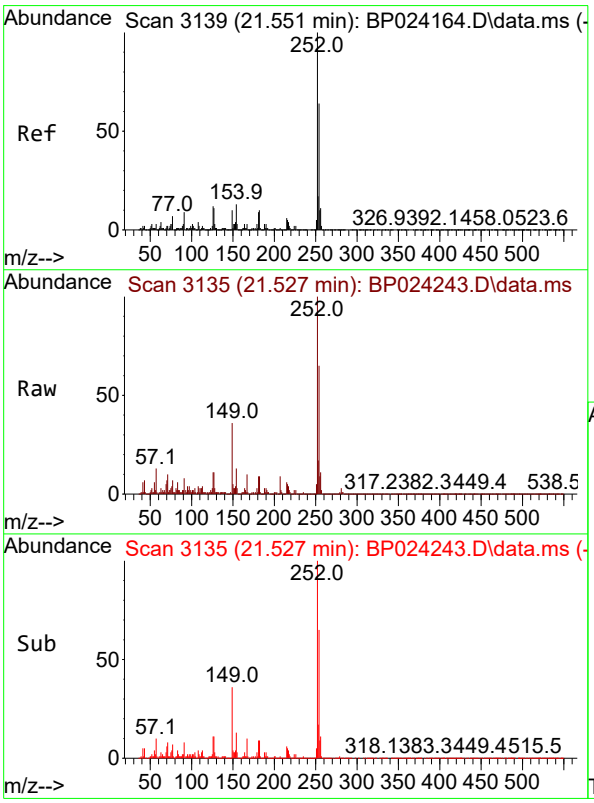
#81
Benzo(a)anthracene
Concen: 42.216 ng
RT: 21.610 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 3823065

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.8	16.0	24.0

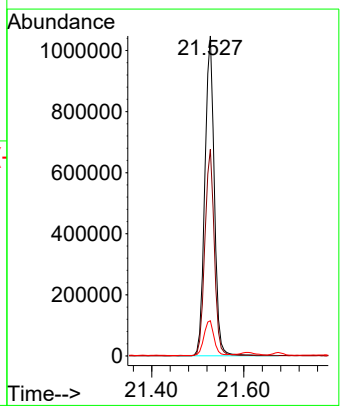


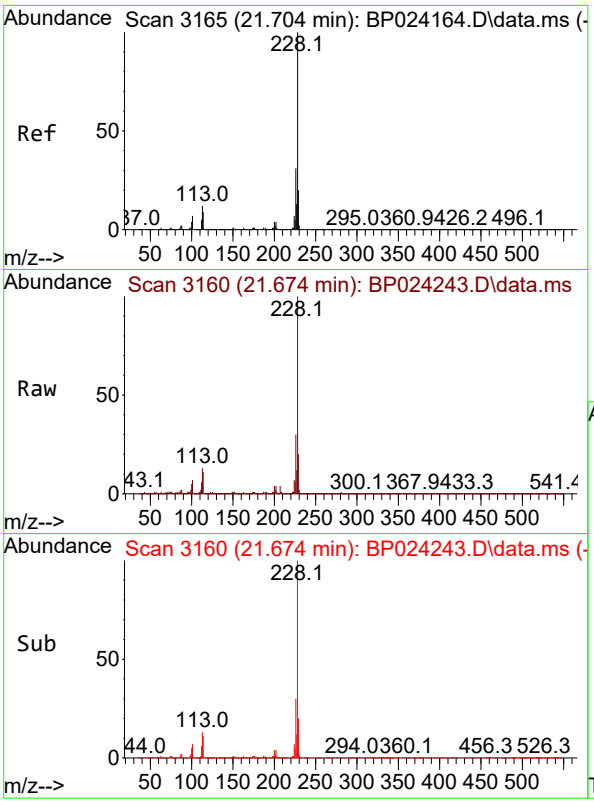


#82
3,3'-Dichlorobenzidine
Concen: 49.574 ng
RT: 21.527 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:252 Resp: 1504645

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	11.0	9.3	13.9



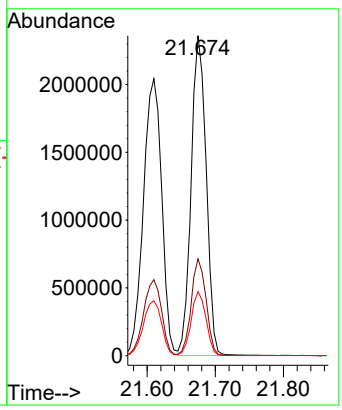


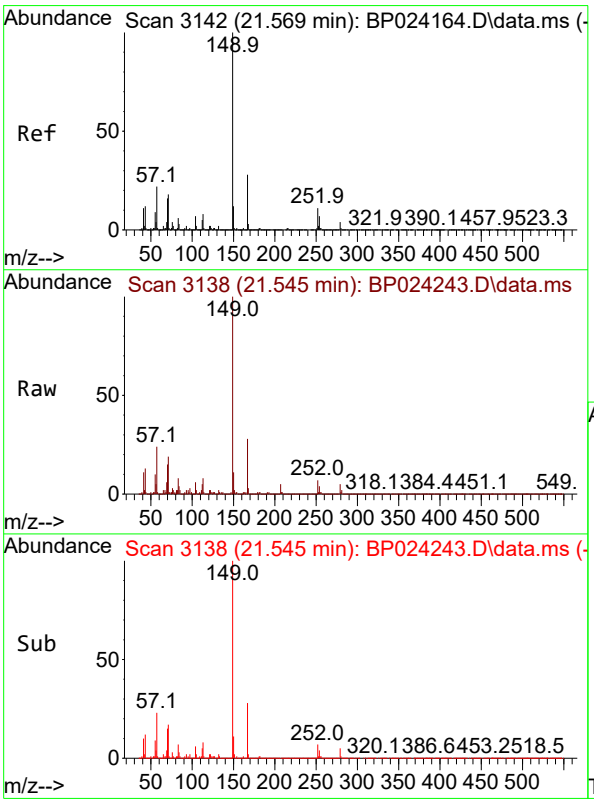
#83
Chrysene
Concen: 41.237 ng
RT: 21.674 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 3589965

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	20.0	16.2	24.2

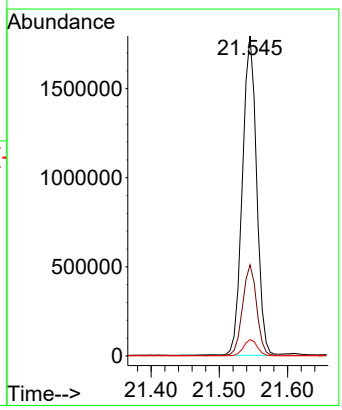


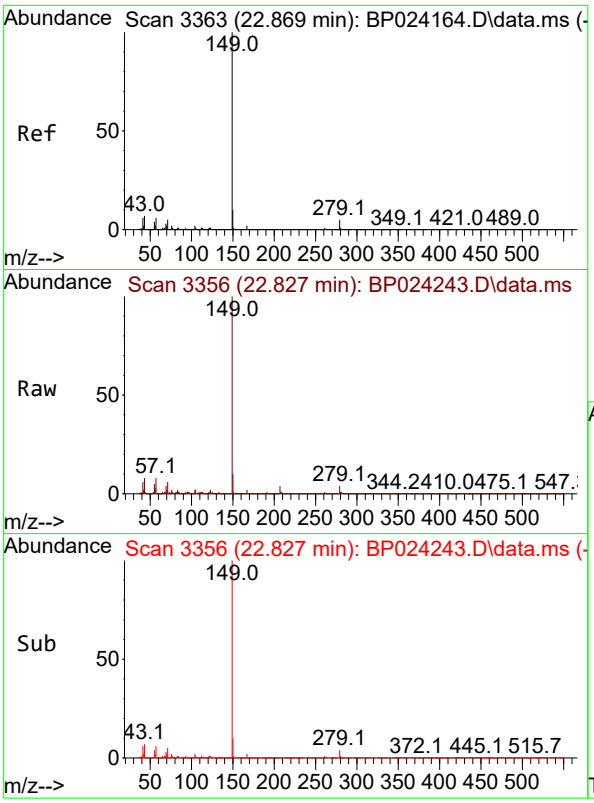


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.881 ng
RT: 21.545 min Scan# 3138
Delta R.T. -0.024 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:149 Resp: 2585259

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	5.1	3.6	5.4



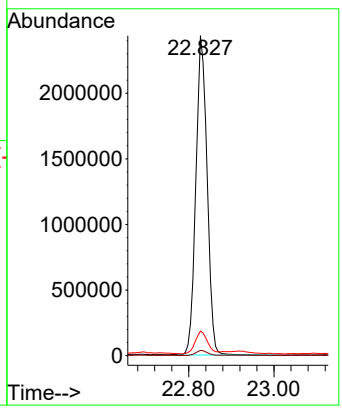


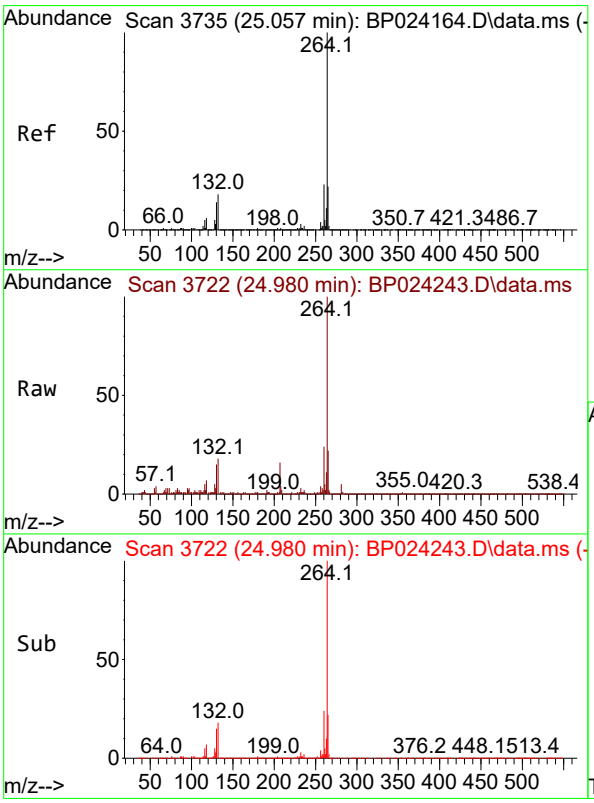
#85
Di-n-octyl phthalate
Concen: 49.446 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 4463969

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	5.8	8.8

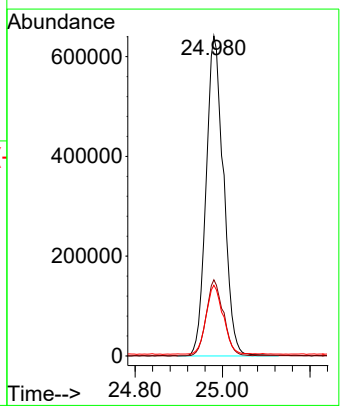


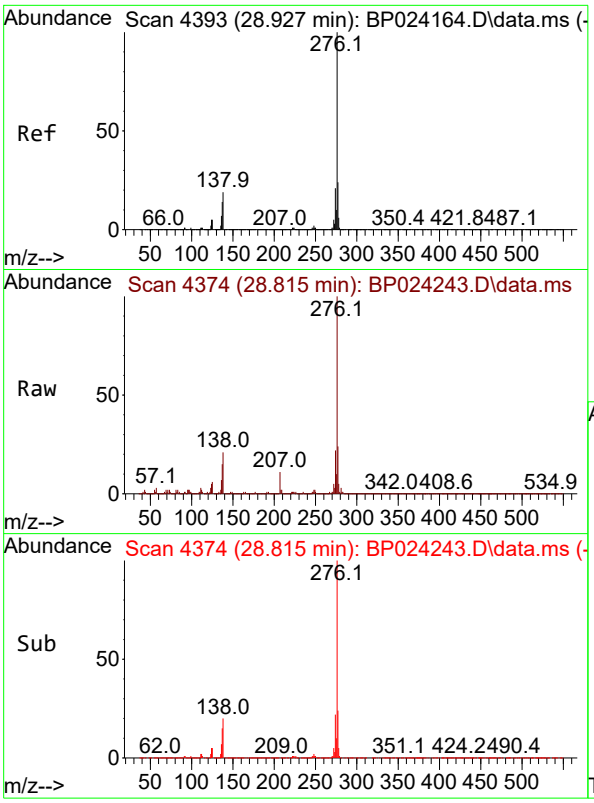


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3722
Delta R.T. -0.077 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:264 Resp: 1774706

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.1	17.7	26.5



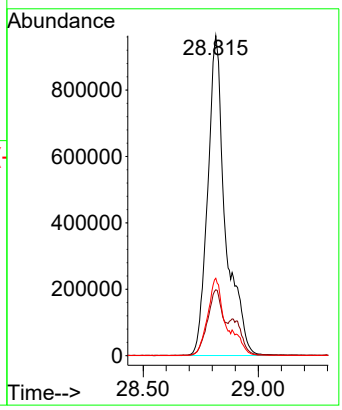


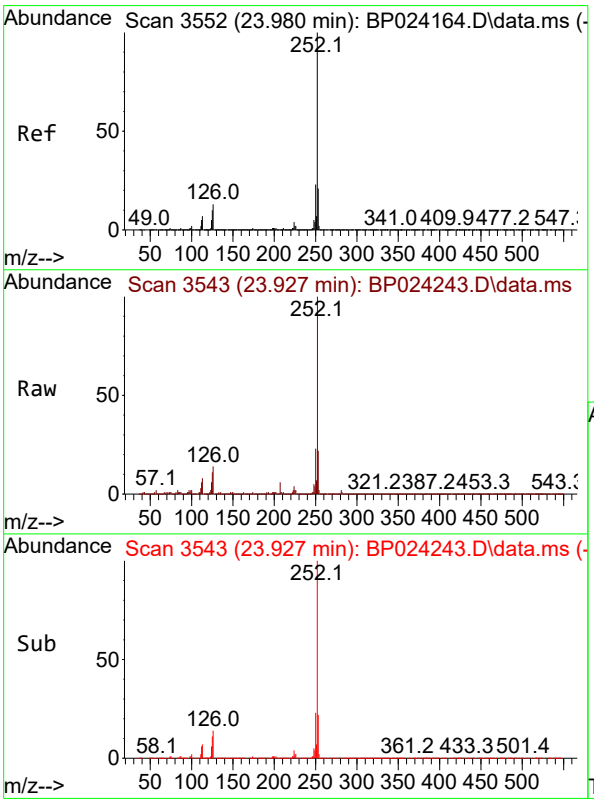
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.648 ng
RT: 28.815 min Scan# 4
Delta R.T. -0.112 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 5158569

Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.7	20.5
277	21.1	20.2	30.2

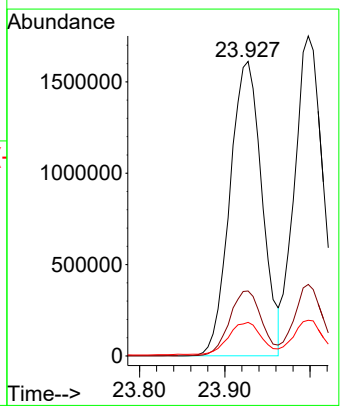


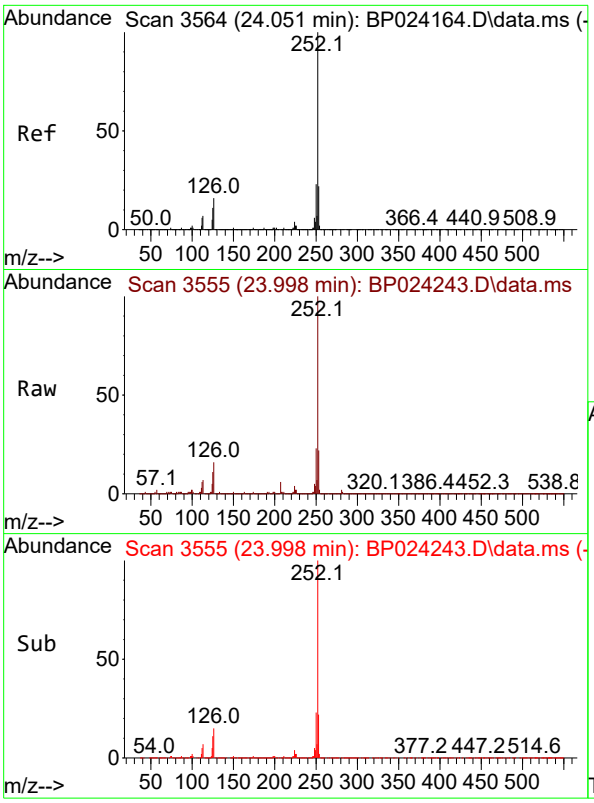


#88
Benzo(b)fluoranthene
Concen: 39.463 ng
RT: 23.927 min Scan# 3543
Delta R.T. -0.053 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:252 Resp: 4222660

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.4	8.2	12.4



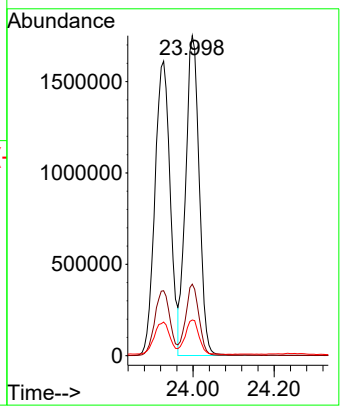


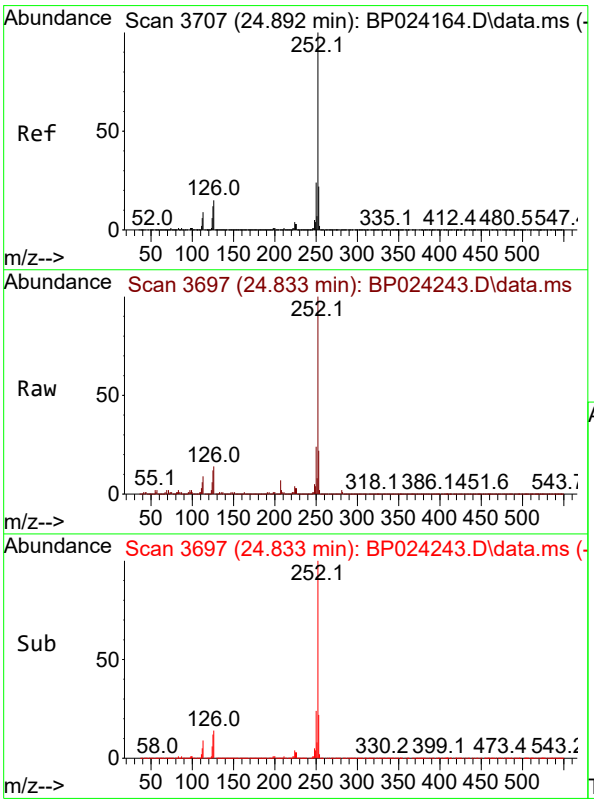
#89
Benzo(k)fluoranthene
Concen: 38.797 ng
RT: 23.998 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 4060841

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.1	9.1	13.7

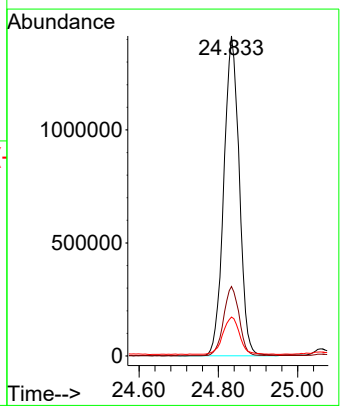


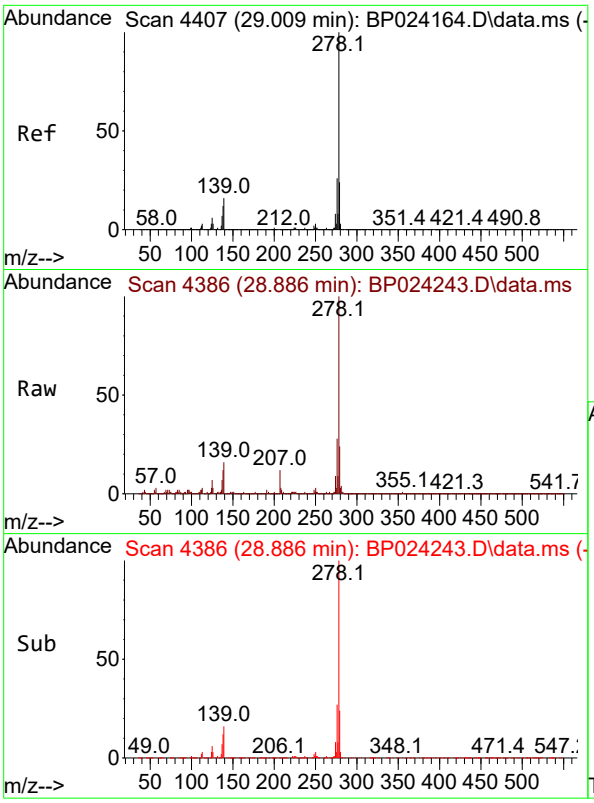


#90
Benzo(a)pyrene
Concen: 41.077 ng
RT: 24.833 min Scan# 3697
Delta R.T. -0.059 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:252 Resp: 3822119

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	12.1	9.6	14.4



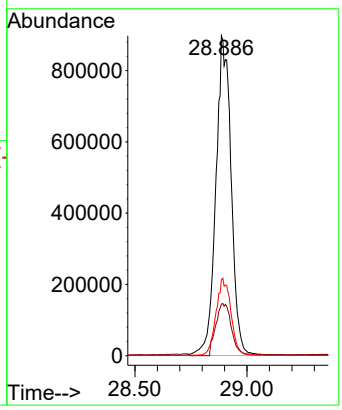


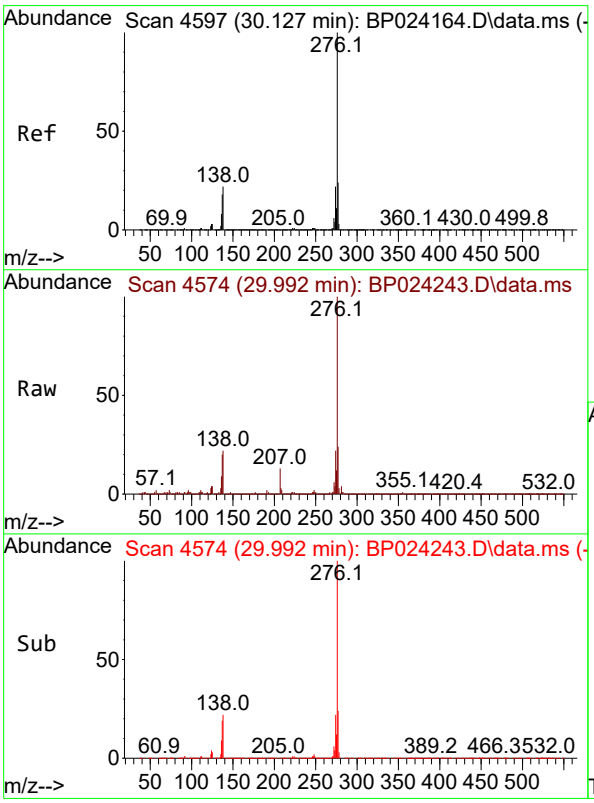
#91
Dibenzo(a,h)anthracene
Concen: 41.295 ng
RT: 28.886 min Scan# 4
Delta R.T. -0.124 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 4255246

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.4
279	23.8	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 21.766 ng
RT: 29.992 min Scan# 4574
Delta R.T. -0.135 min
Lab File: BP024243.D
Acq: 09 Apr 2025 20:24

Tgt Ion:276 Resp: 2279960

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.4	17.4	26.2

